SONY

HD COLOR CAMERA

HDC2000

Digital HDVS

MAINTENANCE MANUAL

1st Edition

⚠ 警告

このマニュアルは， サービス専用です。
お客様が， このマニュアルに記載された設置や保守， 点検， 修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため， サービストレーニングを受けた技術者のみご使用ください。

⚠ WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠ WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠ AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

Model Name	Serial No.
HDC2000 (CE)	40001 and Higher
HDC2000 (JN)	10001 and Higher
HDC2000 (J)	30001 and Higher

安全のために，周辺機器を接続する際は，過大電圧を持つ可能性があるコネクターを以下のポートに接続しないでください。
：NETWORK TRUNK
上記のポートについては本書の指示に従ってください。

For safety, do not connect the connector for peripheral device wiring that might have excessive voltage to the following port(s).
: NETWORK TRUNK
Follow the instructions for the above port(s).

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION

The use of optical instruments with this product will increase eye hazard.

CLASS 1 LASER PRODUCT
LASER KLASSE 1 PRODUKT
LUOKAN 1 LASERLAITE
KLASS 1 LASER APPARAT

This HD COLOR CAMERA is classified as a CLASS 1 LASER PRODUCT.

注意

指定以外の電池に交換すると，破裂する危険があります。
必ず指定の電池に交換してください。
使用済みの電池は，国または地域の法令に従って
処理してください。

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the manufacturer.
When you dispose of the battery, you must obey the law in the relative area or country.

ATTENTION

Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur.
Lorsque vous mettez la batterie au rebut, vous devez respecter la législation en vigueur dans le pays ou la région où vous vous trouvez.

VORSICHT

Explosionsgefahr bei Verwendung falscher Batterien.
Batterien nur durch den vom Hersteller empfohlenen oder einen gleichwertigen Typ ersetzen.
Wenn Sie die Batterie entsorgen, müssen Sie die Gesetze der jeweiligen Region und des jeweiligen Landes befolgen.

FÖRSIKTIGHET!

Fara för explosion vid felaktigt placerat batteri.
Byt endast mot samma eller likvärdig typ av batteri, enligt tillverkarens rekommendationer.
När du kasserar batteriet ska du följa rådande lagar för regionen eller landet.

PAS PÅ

Fare for eksplosion, hvis batteriet ikke udskiftes korrekt.
Udskift kun med et batteri af samme eller tilsvarende type, som er anbefalet af fabrikanten.
Når du bortskaffer batteriet, skal du følge lovgivningen i det pågældende område eller land.

HUOMIO

Räjähdysvaara, jos akku vaihdetaan virheellisesti.
Vaihda vain samanlaiseen tai vastaavantyyppiseen, valmistajan suosittelemaan akkuun.
Noudata akun hävittämisessä oman maasi tai alueesi lakeja.

FORSIKTIG

Eksplosjonsfare hvis feil type batteri settes i.
Bytt ut kun med samme type eller tilsvarende anbefalt av produsenten.
Kasser batteriet i henhold til gjeldende avfallsregler.

注意

如果更换的电池不正确，就会有爆炸的危险。
只更换同一类型或制造商推荐的电池型号。
处理电池时，必须遵守相关地区或国家的法律。

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Manual Structure

Purpose of this manual

This manual describes the information items that premise the service based on the components parts assuming use of system and service engineers.

Related manuals

The following manuals are available in this model.
If this manual is required, please contact your local Sony Sales Office/Service Center.

- Operation Manual (Supplied with this unit)
  This manual is necessary for application and operation of this unit.

Schematic diagrams, board layouts and spare parts

Following boards cannot be replaced on the board-level service or part-level service. So schematic diagrams, board layouts and spare parts are not described in this manual.

- SE-1093 board

Section 1
Service Overview

1-1. Checking before Installation

1-1-1. Checking the ROM and Software Version

When connecting the peripheral equipment in the list below to HDC2000, be sure to check that the ROM and software version on each peripheral device is corresponding to the camera to be connected.
If the ROM and software version is lower than the specified below, be sure to perform ROM replacement and updating the software.
If ROM replacement and updating the software are required, contact your local Sony Sales Office/Service Center.

ROM

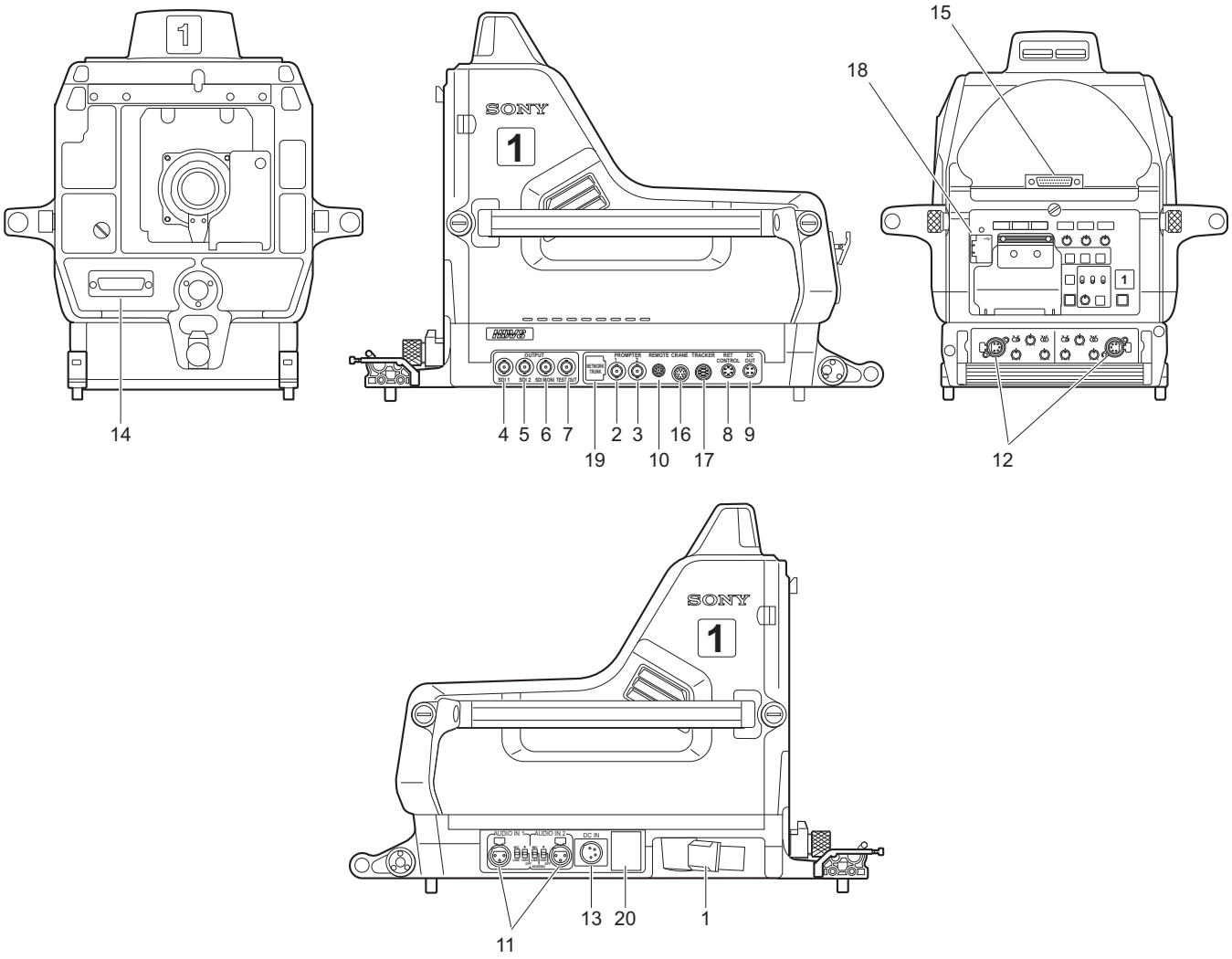
Peripheral Equipment	Board Name	Ref. No.	ROM Version
CNU-700	AT-89 board or AT-89A board	IC4, IC5	Ver. 1.30 and higher

Software

Peripheral Equipment	Board Name	ROM Version
RCP-920/921	MPU-143 board	Ver. 1.11 and higher
RCP-1000/1001	MPU-152 board	Ver. 2.00 and higher
RCP-1500/1501/1530	MPU-153 board	Ver. 2.00 and higher
HDCU1000/1500	AT-167 board	Ver. 1.21 and higher
HDCU2000/2500	AT-167A board	Ver. 1.10 and higher
MSU-900/950	CPU-396 board	Ver. 1.21 and higher
MSU-1000	MPU-150 board	Ver. 2.00 and higher
MSU-1500	MPU-151 board	Ver. 2.00 and higher

1-2. Connectors and Cables

1-2-1. Connector Input/Output Signals



Input/Output Signals

1. CCU
BTA S-004A/005A/006A compliant, 1.485 Gbps, Serial

2. PROMPTER 1
BNC type 75 Ω, 1.0 V p-p

3. PROMPTER 2
BNC type 75 Ω , 1.0 V p-p

4. SDI 1
HD SDI signal
BTA-S004A compliant
BNC type 75 Ω, 0.8 V p-p, 1.485 Gbps

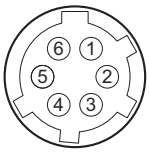
5. SDI 2
HD SDI signal or SD SDI signal
BTA-S004 compliant
BNC type 75 Ω, 1.0 V p-p

6. SDI-MONI
HD SDI signal or SD SDI signal
BTA-S004 compliant
BNC type 75 Ω, 1.0 V p-p

7. TEST OUT
BNC type 75 Ω, 1.0 V p-p

8. RET CONTROL

6-pin, Female

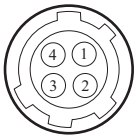


- External View -

No.	Signal	I/O	Specifications
1	INCOM 1 MIC-ON/OFF	IN	Zi ≧ 10 KΩ ON: GND OFF: OPEN
2	INCOM 2 MIC-ON/OFF	IN	Zi ≧ 10 KΩ ON: GND OFF: OPEN
3	GND	—	—
4	RET 3-ON/OFF	IN	Zi ≧ 10 KΩ ON: GND OFF: OPEN
5	RET 1-ON/OFF	IN	Zi ≧ 10 KΩ ON: GND OFF: OPEN
6	RET 2-ON/OFF	IN	Zi ≧ 10 KΩ ON: GND OFF: OPEN

9. DC OUT

4-pin, Female



- External View -

No.	Signal	I/O	Specifications
1	UNREG GND	—	GND for power
2	NC	—	No connection
3	NC	—	No connection
4	UNREG	OUT	+12 V dc, 500 mA (max)

10. REMOTE

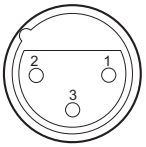
8-pin, Female

- External View -

No.	Signal	I/O	Specifications
1	• TX (X): for RCP • TX1 (+): for TRUNK (RS-422A)	OUT	• SERIAL DATA OUT: for RCP • TRUNK1 DATA OUT: for RS-422A
2	• TX (Y): for RCP • TX1 (–): for TRUNK (RS-422A)	OUT	
3	• RX (X): for RCP • RX1 (+): for TRUNK (RS-422A)	IN	• SERIAL DATA IN: for RCP • TRUNK1 DATA IN: for RS-422A
4	• RX (Y): for RCP • RX1 (–): for TRUNK (RS-422A)	IN	
5	TX-GND	—	GND for TX
6	UNREG-OUT	OUT	UNREG +10.5 V to +17 V dc, 200 mA (max)
7	UNREG-GND	—	GND for UNREG-OUT
8	RCP-PIX: for RCP	OUT	75 Ω, 1.0 V p-p (SD Video)
	CHASSIS GND: for TRUNK (RS-422A)	—	CHASSIS GND

11. AUDIO IN 1, 2

XLR 3-pin, Female



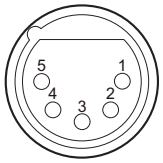
- External View -

(0 dBu = 0.775 Vrms)

No.	Signal	I/O	Specifications
1	AUDIO 1/2 (G)	—	–60 dBu, –50 dBu, –40 dBu, –30 dBu, –20 dBu selectable, High impedance, Balanced
2	AUDIO 1/2 (X)	IN	
3	AUDIO 1/2 (Y)	IN	

12. INTERCOM 1, 2

XLR 5-pin, Female



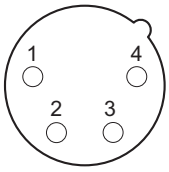
- External View -

(0 dBu = 0.775 V rms)

No.	Signal	I/O	Specifications
1	EXT-INCOM-T (Y)	IN	• –20 dBu: Carbon microphone • –60 dBu: Dynamic microphone
2	EXT-INCOM-T (X)	IN	
3	GND	—	GND
4	EXT-INCOM-LEFT (X)	OUT	0 dBu
5	EXT-INCOM-RIGHT (X)	OUT	

13. DC IN

XLR 4-pin, Male

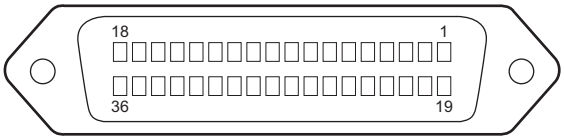


- External View -

No.	Signal	I/O	Specifications
1	EXT_DC (C)	—	GND for DC (+)
2	NC	—	No connection
3	NC	—	No connection
4	EXT_DC (H)	IN	+10.5 V to 17 V dc

14. LENS

36-pin, Female



- External View -

No.	Signal	I/O	Specifications
1	NC	—	No connection
2	NC	—	No connection
3	NC	—	No connection
4	LENS +12 V	OUT	+12 V (at 2 A)
5	GND (LENS)	—	GND for +12 V (LENS)
6	GND (SIG)	—	GND
7	NC	—	No connection
8	LENS-EXT-1 (SERIAL RXD)	IN	*2 (LENS SERIAL DATA)
9	LENS-EXT-2	IN	*2
10	LENS-EXT-3	IN	*2
11	LENS-SERVO	OUT	• ON: GND • OFF: High impedance
12	IRIS-POSI	IN	Zi ≧ 10 kΩ 2 to 7 V “3.4 ±0.1 V (F16)” “6.2 ±0.1 V (F2.8)”
13	ZOOM-POSI	IN	Zi ≧ 10 kΩ 2 to 7 V “2 V (WIDE), 7 V (TELE)”
14	RET 1-ON	IN	Zi ≧ 10 kΩ ON: GND OFF: High impedance
15	RET 2-ON	IN	Zi ≧ 10 kΩ ON: GND OFF: High impedance
16	FOCUS-POSI	IN	Zi ≧ 10 kΩ 2 to 7 V “2 V (MIN), 7 V (∞)”
17	IRIS-CONT	OUT	2 to 7 V “3.4 ±0.1 V (F16)” “6.2 ±0.1 V (F2.8)” Zo ≦ 1 kΩ
18	IRIS-AUTO/MANU	OUT	AUTO: GND MANU: High impedance Zo ≦ 1 kΩ (LENS SERIAL DATA)
19	NC	—	No connection
20	NC	—	No connection
21	LENS R TALLY	OUT	ON: GND OFF: High impedance Zo ≦ 1 kΩ
22	LENS-PUPIL-POSI	IN	Zi ≧ 10 kΩ 1 to 4 V 1 V: -7.5 ℃ 4 V: +7.5 ℃
23	RET 3-ON	IN	Zi ≧ 10 kΩ ON: GND OFF: High impedance
24	LENS-ADR-A	IN	*1
25	LENS-ADR-B	IN	*1
26	LENS-ADR-C	IN	*1
27	LENS-ADR-D	IN	*1
28	EXT 1-ON	OUT	ON: GND OFF: High impedance
29	EXT 2-ON	OUT	ON: GND OFF: High impedance

Continued

No.	Signal	I/O	Specifications
30	F DEM (FAR)	IN	No connection
31	INCOM 1-ENG/PROD	IN	Zi ≧ 10 kΩ ON: GND OFF: High impedance
32	INCOM 2-ENG/PROD	IN	Zi ≧ 10 kΩ ON: GND OFF: High impedance
33	INCOM 1-MIC-ON	IN	Zi ≧ 10 kΩ ON: GND OFF: High impedance
34	INCOM 2-MIC-ON	IN	Zi ≧ 10 kΩ ON: GND OFF: High impedance
35	F-CONT-SIG	OUT	No connection
36	F-DEM (NEAR)	IN	No connection

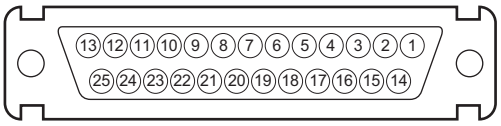
Note

- *1:
  Zi ≧ 10 kΩ
  1: High impedance
  0: 0 to 0.5 V
  LENS ADRS 0 (low-order bit)
  LENS ADRS 3 (high-order bit)
- *2:
  Zi ≧ 10 kΩ
  1: High impedance
  0: 0 ±0.5 V

EX 1	EX 2	EX 3	MODE
1	1	1	EXTENDER OFF
1	0	1	EXT-1 (× 1.5) ON
0	1	1	EXT-2 (× 2) ON
0	0	1	EXT-1 (× 2.5) ON

15. VF

25-pin, Female



- External View -

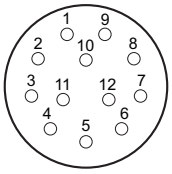
No.	Signal	I/O	Specifications
1	VF-Y (X)	OUT	1.0 V p-p, Zo = 75 Ω
2	VF-GND (Pr)	—	GND for VF-Pr (X)
3	VF-Pr (X)	OUT	0.7 V p-p, Zo = 75 Ω
4	VF-GND (Pb)	—	GND for VF-Pb (X)
5	VF-Pb (X)	OUT	0.7 V p-p, Zo = 75 Ω

Continued

No.	Signal	I/O	Specifications
6	PEAKING LEVEL	IN	0 to 5 V dc
7	VF-UNREG	OUT	+10.5 to +20 V
8	VF-UNREG	OUT	+10.5 to +20 V
9	NC	—	No connection
10	S-DATA	IN/OUT	TTL level
11	TALLY (R)-VF	OUT	ON: +5 V OFF: 0 V
12	EFFECT	OUT	ON: +5 V OFF: 0 V
13	NC	—	No connection
14	VF-GND (Y)	—	GND for VF-Y (X)
15	S-CK	OUT	TTL level
16	BATT IND	OUT	ON: +5 V OFF: 0 V
17	CHASSIS GND	—	GND
18	TALLY (G)-VF	OUT	ON: +5 V OFF: 0 V
19	GND (UN-REG)	—	GND for VF-UNREG
20	GND (UN-REG)	—	GND for VF-UNREG
21	VF-SEL	IN	BW: 0 V COLOR: +5 V
22	H EXPAND	OUT	ON: GND OFF: +5 V
23	TALLY (Y)-VF	OUT	ON: +5 V OFF: 0 V
24	NC	—	No connection
25	V EXPAND	OUT	ON: GND OFF: +5 V

16. CRANE

12-pin, Female



- External View -

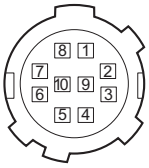
No.	Signal	I/O	Specifications
1	Pr VIDEO (X)	OUT	±0.35 V p-p, Zo = 75Ω
2	Pb VIDEO (X)	OUT	±0.35 V p-p, Zo = 75Ω
3	NC	—	No connection

Continued

No.	Signal	I/O	Specifications
4	• TX0 (+): for RS-422A • TX1: for RS-232C	OUT	TRUNK data out
5	• TX0 (–): for RS-422A • TX0: for RS-232C	OUT	
6	• RX0 (–): for RS-422A • RX0: for RS-232C	IN	TRUNK data in
7	• RX0 (+): for RS-422A • RX1: for RS-232C	IN	
8	GND (VIDEO)	—	GND for VIDEO
9	Y VIDEO (X)	OUT	1.0 V p-p, Zo = 75Ω
10	GND	—	GND for SCL/SDA
11	SCL EXT-VF	OUT	TTL level
12	SDA EXT-VF	IN/ OUT	TTL level

17. TRACKER

10-pin, Female



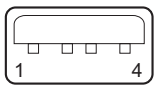
- External View -

No.	Signal	I/O	Specifications
1	TRACKER LEFT	OUT	TRACKER RECEIVE/ PGM –20 dBu unbalanced
2	GND (TALK)	—	GND for TRACKER TALK
3	GND (RECEIVE/ PGM/TL)	—	GND for RECEIVE/PGM/TL
4	TRACKER RIGHT	OUT	TRACKER RECEIVE/ PGM –20 dBu unbalanced
5	UNREG	OUT	+12 V (+10.5 to +17.0 V)
6	GND (UNREG)	—	GND for UNREG
7	TRACKER TALK (X)	IN	TRACKER TALK 0 dBu / –20 dBu, High impedance balanced
8	TRACKER TALK (Y)	IN	
9	G TALLY	OUT	ON: GND OFF: High impedance (Open collector)
10	R TALLY	OUT	ON: GND OFF: High impedance (Open collector)

Continued

18. USB

USB (Series A), 4-pin
Signal standard: USB standard Ver. 2.0

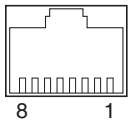


- External View -

No.	Signal	I/O	Specifications
1	VBUS	OUT	USB Vcc (+5 V)
2	D+	IN/ OUT	USB+
3	D–	IN/ OUT	USB–
4	GND	—	GND

19. NETWORK TRUNK

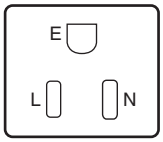
8-pin, RJ-45, 10Base-T/100Base-TX/1000Base-T



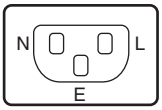
- External View -

No.	Signal	I/O	Specifications
1	TRD + (0)	IN/ OUT	Transmitted/Received Data + (0)
2	TRD - (0)	IN/ OUT	Transmitted/Received Data - (0)
3	TRD + (1)	IN/ OUT	Transmitted/Received Data + (1)
4	TRD + (2)	IN/ OUT	Transmitted/Received Data + (2)
5	TRD - (2)	IN/ OUT	Transmitted/Received Data - (2)
6	TRD - (1)	IN/ OUT	Transmitted/Received Data - (1)
7	TRD + (3)	IN/ OUT	Transmitted/Received Data + (3)
8	TRD - (3)	IN/ OUT	Transmitted/Received Data - (3)

20. AC OUT (For service only)



JN
- External View -

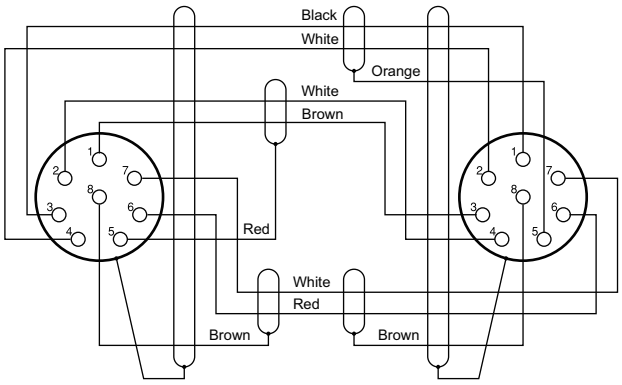


CE
- External View -

No.	Signal	I/O	Specifications
E	GND	—	CHASSIS GND
N	UTL (C)	OUT	GND for power
L	UTL (H)	OUT	• AC 100/120 V, 200 VA or below (JN) • AC 230 V (CE)

1-2-2. Wiring Diagrams for Cables

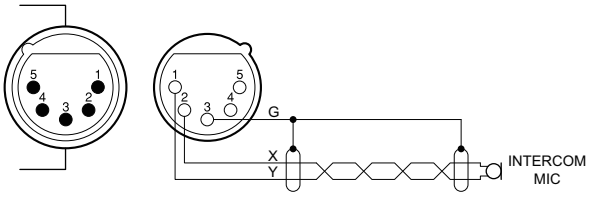
CCA-5 Cable (for REMOTE connector)



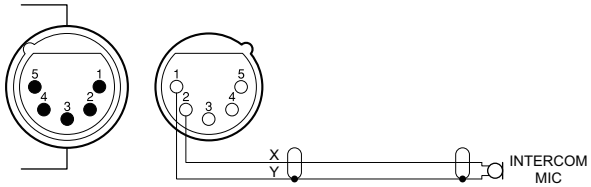
— 8P CONNECTOR (MALE) —
(WIRING SIDE)

INTERCOM MIC Cable

1. Balance (HEAD SET menu UNBAL: OFF)



2. Unbalance (HEAD SET menu UNBAL: ON)



1-2-3. Connection Connectors/Cables

Connection made with the connector panels during installation or service, should be made with the connectors/complete cable assemblies specified in the following list, or equivalent parts.

Connector Name	Connector/Cable
• SDI 1/2 • SDI-MONI • TEST OUT • PROMPTER 1 • PROMPTER 2 (BNC type)	Plug, BNC (Part No.: 1-569-370-12) or 5C-FB coaxial cable/ Recommendation made by Fujikura
AUDIO IN 1, 2 (XLR type 3-pin, Female)	XLR, 3-Pin Male (Part No: 1-508-084-00) or ITT Cannon XLR-3-12C or equivalent
RET CTRL (6-pin, Female)	Plug, 6-Pin Male (Part No.: 1-560-078-00) or HIROSE HR10-7PA-6P or equivalent
DC OUT (4-pin, Female)	Plug, 4-Pin Male (Part No.: 1-566-425-11) or HIROSE HR10A-7P-4P or equivalent
INTERCOM 1, 2 (XLR type 5-pin, Female)	XLR, 5-Pin Male (Part No.: 1-508-370-11) or ITT Cannon XLR-5-12C or equivalent
DC IN (XLR type 4-pin, Male)	XLR, 4-Pin Female (Part No.: 1-508-362-00) or ITT Cannon XLR-4-11C or equivalent, or Cable assembly 1-551-577-00 (Supplied with AC-550)
CRANE (12-pin, Female)	Connector, Round Type 12-Pin (Part No. : 1-819-261-11)
REMOTE (8-pin, Female)	• Plug, 8-Pin Male (Part No. : 1-766-848-11) or CCA-5 cable assembly (CCA-5-10 (10 m)/CCA-5-3 (3 m)) (optional) • REMOTE cable (Part No. : 1-783-372-11) (supplied with RM-B150, 10 m) **1 *2 *3*
TRACKER (10-pin, Female)	Connector, Round Type 10-Pin (Part No. : 1-506-522-12)

*1: If using a cable of length different from a standard product, contact your local Sony Sales Office/Service Center.
*2: The pin 8 of CCA-5 cable is GND (ground). The pin 8 of REMOTE cable is not GND (ground).
*3: Use of REMOTE cable enables to monitor video signals. (The pin 8 is available for the video signal line.) The down-converted SD signal is output.

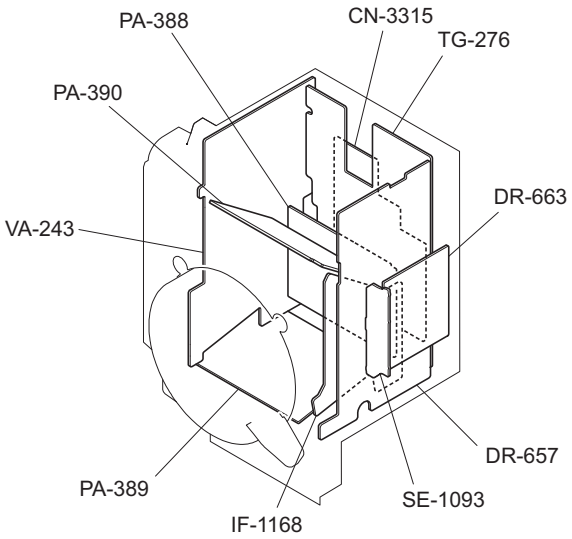
1-2-4. Note in Connecting CCU Connector

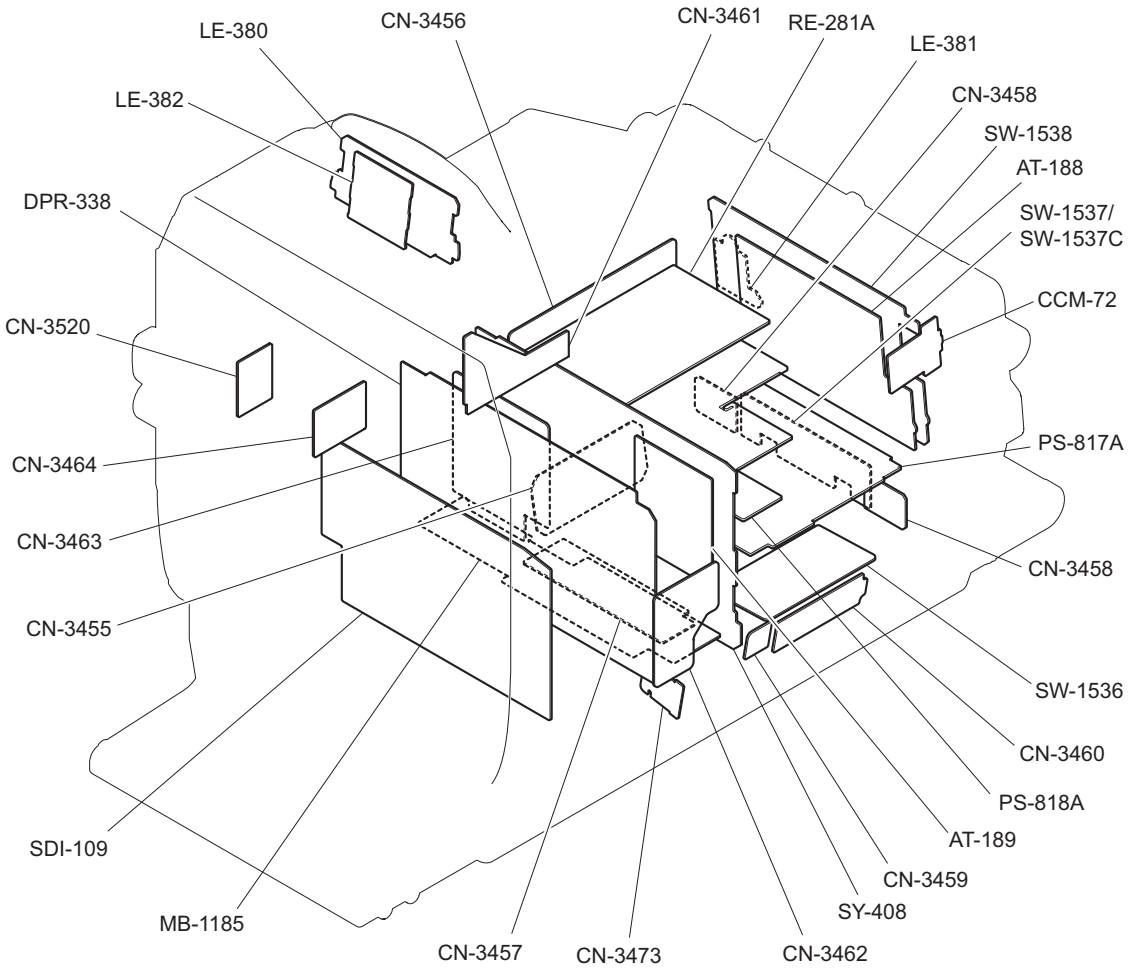
It is recommendable to clean the optical contact portions mentioned below before connecting this unit to the camera control unit.

- CCU connector of this unit
- Camera connector of the camera control unit
- Optical/Electrical cable

For details on a cleaning method, refer to “1-9. Cleaning of Connector/Cable”.

1-3. Location of Printed Circuit Boards





1-4. Circuit Description

1-4-1. Optical System (OHB Block)

PA-338/389/390 Boards

These boards supply DC bias necessary for the CCD. The two-phase output from the CCD is transferred to the amplifier and then receives the CDS signal processing. Then the processed signal is sent to the VA-243 board.

VA-243 Board

The VA-243 board converts the differential signal from the PA-388, PA-389, and PA-390 boards to single-end signal and sends it to the DPR-338 board.
This board contains a 148 MHz VCXO and a high-speed pulse circuit for driving the correlated double sampling (CDS) IC.

DR-657 Board

The DR-657 board contains a CCD drive vertical driver, a shutter pulse driver, and a VH driver.
This board generates CCD-specific Vsub voltage and supplies it to the CCD.

TG-276 Board

The TG-276 board synchronizes signals with the PLL-H signal from the DPR-338 board and generates CCD drive pulse and CDS drive high-speed pulse.
Adjustment data and defect correction data of the CCD block are memorized in the EEPROM (IC214) on the TG-276 board.
This board contains a TEST SAW signal generator circuit. This signal is sent to the VA-243 board where the signal is merged with the main line signal.

1-4-2. Signal Processing/Transmission System

DPR-388 Board

The DPR-388 board converts analog R/G/B signals that are input from the CCD block to digital signals, and camera process processing and enhanced processing such as Knee and Gamma processing are performed for the digital signals in the camera signal processor LSI.
Then the digital signals are down-converted to SD signals and signals for the viewfinder are generated by the subsequent PLD (IC601).
Output digital signals are sent to the SDI-109 board and are then transmitted to the camera control unit.

SDI-109 Board

The SDI-109 board multiplexes the main-line video signal LINK-A (that multiplexes digital audio signal with command on the DPR-338 board) with the main-line video signal LINK-B or the HD TRUNK video signal. This multiplexed signal is converted to a serial optical signal by the parallel/serial converter and the electrical/optical converter. Then the converted serial optical signal is sent to the camera control unit.

Furthermore, this board converts the serial optical signal of return video that is sent from the camera control unit to a parallel electrical signal. Then the HD prompter video signal and the analog prompter video signal that are multiplexed with the return video are separated from each other, and the return video signal (that multiplexes audio signal and command) is sent to the DPR-338 board.

1-4-3. System Control System

SY-408 Board

The SY-408 board consists of a CPU (IC1001) and peripheral devices that provide an interface circuit, synchronizing separator circuit, video amplifier circuit, and audio circuit.

AT-189 Board

The AT-189 board consists of a system control microcomputer (IC200) and a peripheral circuit necessary for the operation of this microcomputer (IC200).
The main program is programmed in the flash memory (IC401) on the AT-189 board.

MB-1185 Board

The MB-1185 board is the motherboard of this unit. This board contains interface connectors to be connected to other boards, inductors for power filters on each board, capacitors, and positive thermistors (overcurrent protection device).

IF-1168 Board

The IF-1168 board relays signals between PA-388/389/390 boards and the DR-657 board.
This board contains four connectors for connection to the following board.

- CN1: Connected to the DR-657 board
- CN2: Connected to the PA-390 board
- CN3: Connected to the PA-389 board
- CN4: Connected to the PA-388 board

1-5. Notes on Board Replacing

1-5-1. Description on EEPROM Data

The table below gives the stored data of EEPROM (FRAM) on every printed circuit board.

Board	Ref. No.	Stored Data
TG-276	IC214	CCD adjustment data, PPN compensation data
SY-408	IC404, IC405	Paint data etc.
MB-1185	IC2	Model information data

- When the replacement is needed, remove the IC attached to the former board and replace it to the new board.
- The IC listed above cannot be replaced with a new one because it is the EEPROM that is the storing data inherent in the board.
- The part number listed in "6. Spare Parts" is for EEPROM which is not programmed. If replacement is needed, contact your local Sony Sales Office/Service Center.

1-5-2. Adjustment and Setting Items Required when Replacing the SY-408 Board

Camera setting status and files are stored in the SY-408 board. When the SY-408 board is replaced, contents of the reference file, scene file, lens file, and operator file are lost. Store these files in a USB drive and then replace the SY-408 board.
The content of the OHB file stored in the OHB assembly is not lost.

Replacement Procedure

1. Store the reference file, scene file, and operator file in a USB drive.
   - Reference file (Refer to "4-5. Reference File")
   - Scene file (Refer to "4-4. Scene File")
   - Operator file (Refer to "4-2. Operator File")
2. Replace the SY-408 board. (Refer to "2-22-1. AT-189 Board/SY-408 Board")
3. Upgrade the software to the latest version. (Refer to "1-11. Upgrading Software Programs")
4. Execute REFERENCE (ALL) on the FILE CLEAR page of the FILE menu. (Refer to "4-5. Reference File")

   Note

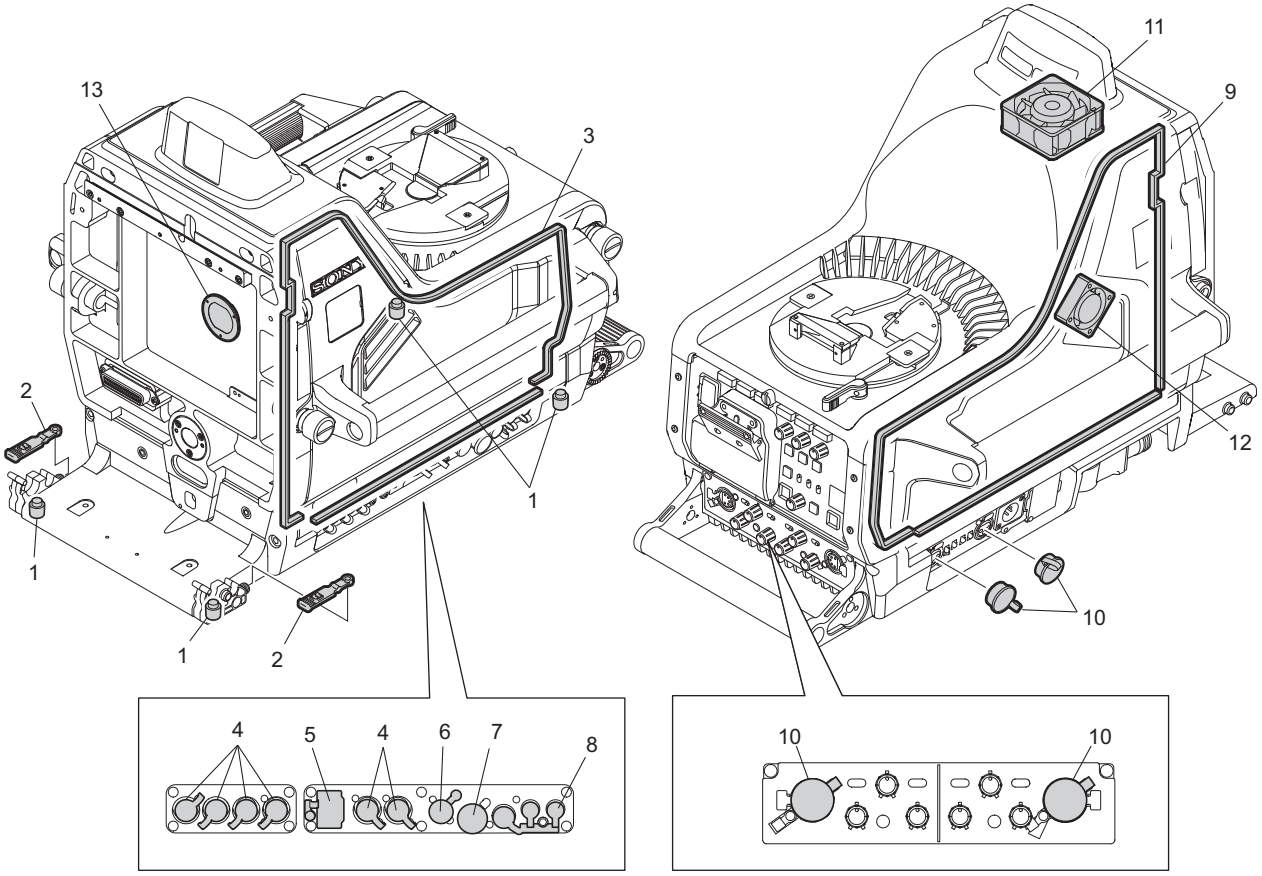
   Unless REFERENCE (ALL) is executed, the intercom operation panel may not function correctly.

5. Execute STORE FILE on the REFERENCE page of the FILE menu. (Refer to "4-5. Reference File")
6. Execute the auto-adjustment. (Refer to "3-2. Automatic Adjustment")
7. Load the reference file, scene file, and operator file stored in the USB drive in step 1.
   - Reference file (Refer to "4-5. Reference File")
   - Scene file (Refer to "4-4. Scene File")
   - Operator file (Refer to "4-2. Operator File")
8. Execute AUTO LEVEL on the AUTO SETUP page of the MAINTENANCE menu.(Refer to "4-5. Reference File")

1-6. Periodic Maintenance and Inspection

1-6-1. Recommended Replacement Parts

This section describes the recommended replacement parts and recommended replacement time.



No.	Name	Part No.	Recommended Replacement Timing
1	Front Foot	3-992-867-01	Check for deformation and deterioration (abraded or damaged or lost) from time to time. Replace it as necessary
2	Clamp Band	3-612-712-01	
3	Shield Cushion (C)	3-615-750-62	
4	BNC Cap	3-872-935-01	
5	ETHER Cap	4-420-025-01	
6	INSIDE Cap	4-420-026-01	
7	Connector Cap	3-605-338-03	
8	BNC Cap	3-868-657-03	
9	Shield Cushion (C)	3-615-750-62	
10	Connector Cover	3-748-142-01	
11	DC Fan (60 square)	⚠ 1-787-497-11	
12	DC Fan (41 square)	⚠ 1-787-070-21	
13	Optical Filter Unit	1-788-764-21	It can become nebulous (in transparent and whitened) with elapse of time. Then it will not meet it the required characteristics. Replace it as needed.

1-7. Replacing Lithium Battery

1-7-1. Note on Replacement of Lithium Battery

A lithium battery is mounted on the SY-408 board to back up the real time clock (RTC). If a battery comes to the lifetime, then RTC stops. Therefore, the battery must be replaced.

- SY-408 board/Lithium secondary battery (ML621 (U)): Sony Part No. ⚠ 1-756-134-15

CAUTION

In replacing, ensure that the battery is installed with "+" and "-" poles connected to the correct terminals. Improper connection may cause an explosion or leakage of fluid, resulting in injury or damage to surrounding properties.

1-7-2. Replacing Procedure

1. Remove the SY-408 board. (Refer to "2-22-1. AT-189 Board/SY-408 Board".)
2. Replace the lithium secondary battery (ML621 (U)) on SY-408 board.

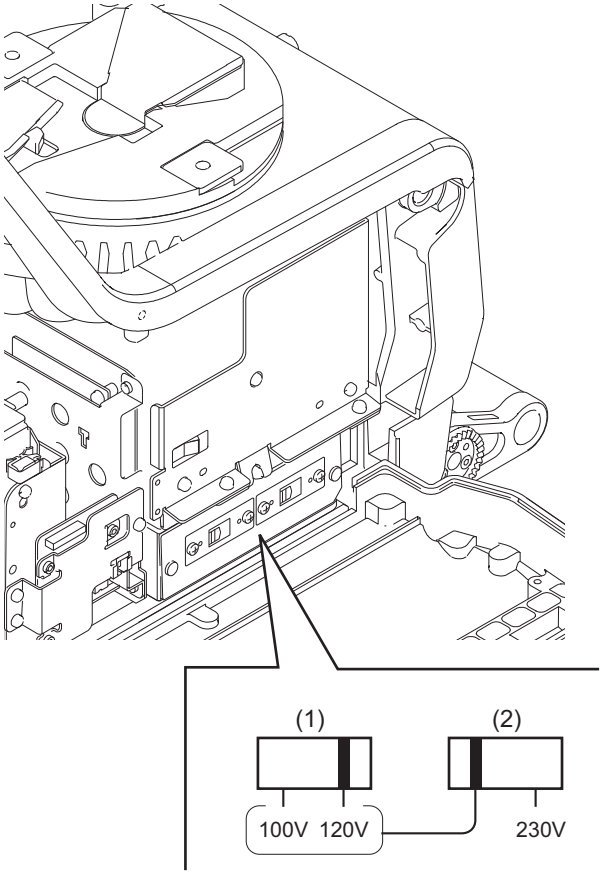
   Note

   Be sure to use an insulating stick to remove the lithium secondary battery (ML621 (U)).

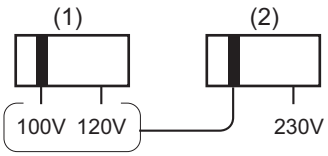
3. Install the SY-408 board by reversing the steps of removal.

1-8. Setting the Utility Out Voltage

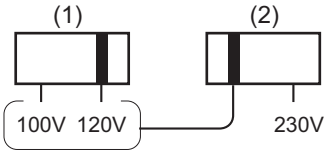
Set the utility out voltage in accordance with the voltage of peripheral devices when they are connected to the camera.
The setting of the utility out voltage can be made by the combination of the switches (1) and (2) in the figure.



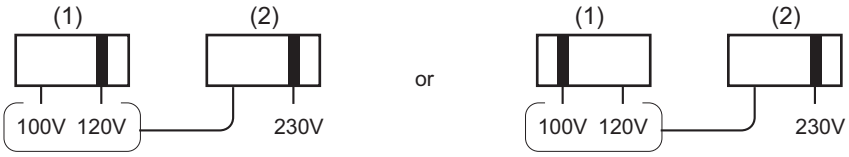
- When setting to 100 V, set as shown below.



- When setting to 120 V, set as shown below.



- When setting to 230 V, set as shown below.
  Setting of the switch (1) is not required.



1-9. Cleaning of Connector/Cable

The photo receptive condition of the optical connector can be checked at OPTICAL CONDITION of the DPR board of the camera control unit.

- When lit in green: Normal (- 17 dBm and higher)
- When lit in yellow: Normal (- 17 to - 20 dBm)
- When lit in red: Abnormal (Less than - 20 dBm)

When lit in red, be sure to clean the optical contact portions.
When lit in yellow, cleaning is recommended.
The attenuation of the photo-receptive level may cause transmission error between the camera and camera control unit. In the case of attenuation, be sure to clean optical contact portions proceeding as follows.
The optical contact portion sexist in the optical connector on the camera or camera control unit, and in the optical/electrical cables.

1-9-1. When the Optical Connector Cleaner (Commercially Available) is Available

Tools Required

- Optical connector cleaner (commercially available)
  - Product name: CLETOP ®
  - 14100402 or 14100403 (stick type) or equivalent
  - 14100402: 2.0 mm
  - 14100403: 2.0/2.5 mm double ended

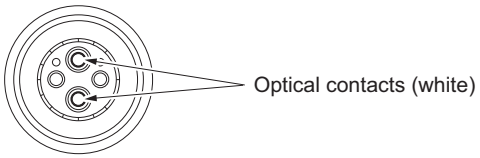
Notes

- Alcohol is not necessary during cleaning.
- Number of possible wipes is one cleaning per a piece. Do not reuse it.

Cleaning Procedure

Male connector

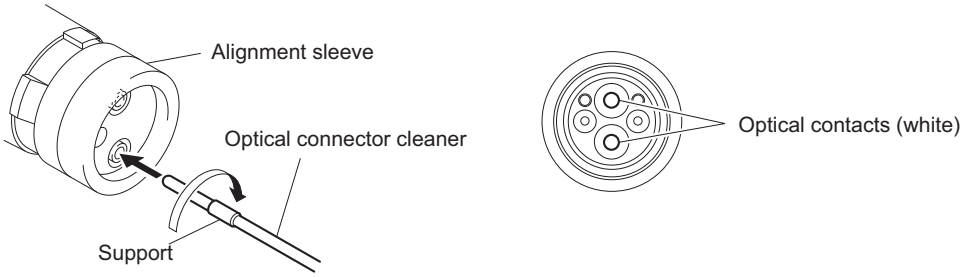
Clean the tip of the white optical contacts using the optical connector cleaner.



Female connector

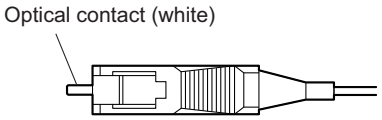
1. Insert the optical connector cleaner straight. Ensure that it is held straight when inserting.
2. Apply sufficient pressure (approximately 600 g to 700 g) to ensure that the optical contact is a little depressed.

3. While pressing the optical connector cleaner against the tip of the optical contact, rotate the optical connector cleaner by 4 to 5 turns clockwise. Holding the optical connector cleaner at around its support facilitates to apply the pressure.



Connector

Clean the tip of the white optical contacts using the optical connector cleaner.



1-9-2. When the Optical Connector Cleaner (Commercially Available) is not Available (Connectors/Cables of LEMO)

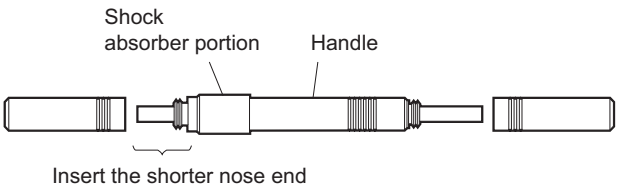
Clean the LEMO connectors and cables using the following procedure.

Tools Required

- Alignment sleeve remover HC-001 (for female connector)
  Sony Part No. : J-6480-010-A or DCC.91.312.5LA manufactured by LEMO, or equivalent

  Note

  Insert the shorter nose end when removing/installing the alignment sleeve. Grasp not the shock absorber portion of the remover but the handle in use.



- Alcohol (commercially available)
- Cotton swabs (commercially available)

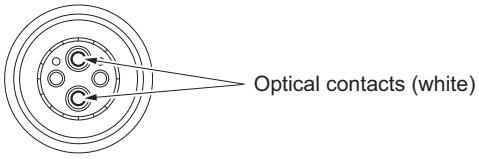
  Note

  Use a cotton swab whose diameter is about 4 mm. If a cotton swab whose diameter exceeds 5 mm is used, the cotton swab cannot be inserted into the end of the connector and the tip of the optical contact cannot be cleaned.

Cleaning Procedure

Male connector

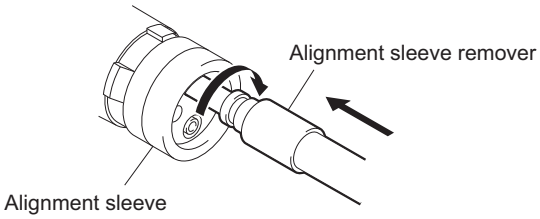
Clean the tip of the white optical contacts with a cotton swab moistened with alcohol.



Female connector

The optical contacts for female connector are in an unexposed state. In cleaning, it is necessary to be exposed by removing the alignment sleeve in advance. Proceed as follows.

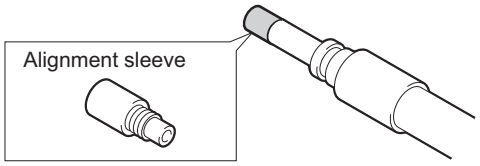
1. Insert the alignment sleeve remover into the alignment sleeve in the straight line and turn it clockwise



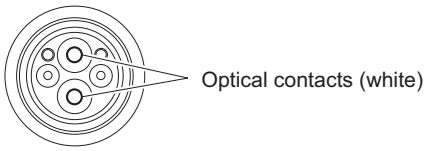
2. When the turn stops, pull out the remover in the straight line forcedly.

Note

The alignment sleeve can be removed/reinstalled with the sleeve itself attached to the tip of the remover. Great care should be taken so as not to lose or damage the alignment sleeve.
Alignment sleeve: Sony Part No. : 9-980-074-01



3. Clean the tip of the white optical contacts with a cotton swab moistened with alcohol.



4. Insert the remover with the alignment sleeve attached to its tip, and push it until it clicks.
5. Rotate the remover counterclockwise to install the alignment sleeve, and extract the remover.

1-9-3. When the Optical Connector Cleaner (Commercially Available) is not Available (Tajimi Electronics Co., Ltd.)

Clean the connectors and cables of Tajimi Electronics using the following procedure.

Tools Required

- Alcohol (commercially available)

- Cotton swabs (commercially available)

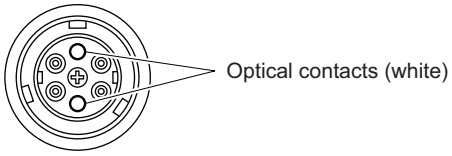
  Note

  Use a cotton swab whose diameter is about 4 mm. If a cotton swab whose diameter exceeds 5 mm is used, the cotton swab cannot be inserted into the end of the connector and the tip of the optical contact cannot be cleaned.

Cleaning Procedure

Male connector

Clean the tip of the white optical contacts with a cotton swab moistened with alcohol.



Female connector

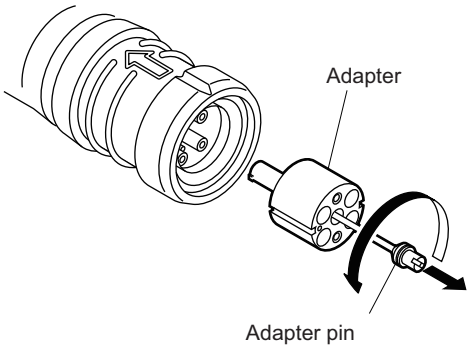
The optical contacts for female connector are in an unexposed state. In cleaning, it is necessary to be exposed by removing the adapter in the connector in advance. Proceed as follows.

1. Loosen the adapter pin at the center of the connector counterclockwise with a screwdriver.

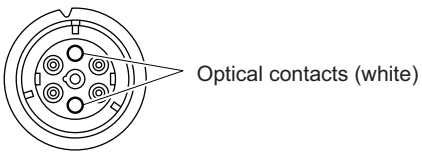
   Note

   If there is no screwdriver, use the plate attached to the connector cap.

2. Pull the adapter pin out of the connector in the arrow direction.



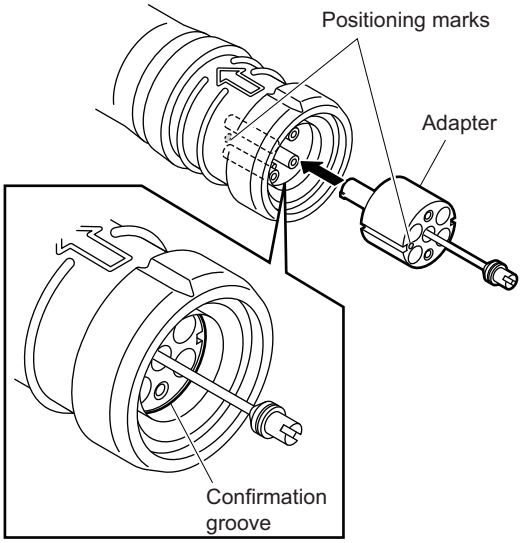
3. Clean the white optical contacts with a cotton swab moistened with alcohol.



4. Match the positioning marks of the adapter and the connector, and then push the adapter into the connector.

Note

Push the adapter until the confirmation groove comes in sight as shown in the figure.



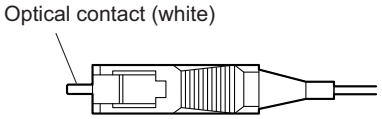
5. Tighten the adapter pin clockwise until you feel that it is fixed to some extent.

Note

Do not fully tighten the adapter pin.

1-9-4. When the Optical Connector Cleaner (Commercially Available) is not Available (Connector)

Clean the tip of the white optical contacts with a cotton swab moistened with alcohol.



1-10. Service Tools/Measuring Equipment List

1-10-1. Service Tools

Part No.	Name	Usage/Note
J-6029-140-B	Pattern box PTB-500	Camera adjustment
J-6323-430-A	Torque screwdriver's bit (M3)	Screw tightening
J-6325-110-A	Torque screwdriver's bit (M1.4)	Screw tightening
J-6325-380-A	Torque screwdriver's bit (M2)	Screw tightening
J-6325-400-A	Torque screwdriver's bit (3 kg•cm) (0.3•N m)	Screw tightening
J-6252-510-A	Torque screwdriver's bit (6 kg•cm) (0.6•N m)	Screw tightening
J-6252-520-A	Torque screwdriver's bit (10 kg•cm) (1.0 N•m)	Screw tightening
J-6326-120-A	Hexagon bit (For torque screwdriver) (size 1.5)	Screw tightening
J-6394-080-A	Grayscale chart	Transparent type (16 : 9), Camera adjustment
J-6480-010-A	Alignment sleeve remover HC-001	For Female connector, DCC.91.312.5LA manufactured by LEMO or equivalent
J-7120-950-A	Chart adaptor	Adaptor that installs ITE test chart (16 : 9) 310 X200 in PTB-500 (pattern box)
J-7120-960-A	ITE STANDARD TEST CHART	ITE resolution chart (16 : 9)
J-7120-970-A	ITE STANDARD TEST CHART	ITE grayscale chart (γ=0.45) (16 : 9)
J-7120-980-A	ITE STANDARD TEST CHART	ITE inmega cycle chart (16 : 9)
7-600-002-52	Locking compound (TB-1401B)	Inhibits loosening of screws
Commercially available	Loctite (408)	Instant adhesives
Commercially available	Grayscale chart	Reflective type (16 : 9), Camera adjustment
Commercially available	Star chart	Reflective type, Camera adjustment
Commercially available	USB drive	Upgrading software, writing and rewriting the PLD internal data

1-10-2. Measuring Equipment

Use the calibrated equipment or equivalent as listed below for the adjustments.

Equipment	Name
Oscilloscope	Tektronix TDS460A or equivalent
HD waveform monitor	LEADER ELECTRONICS LV5152DA or equivalent
Frequency counter	Advantest TR5821AK or equivalent
Digital voltmeter	Advantest TR6845 or equivalent
HD color monitor	Sony BVM-D20F1J/D14H5J or equivalent
Luminance meter	Konica Minolta LS-110 or equivalent

1-11. Upgrading Software Programs

Software programs stored in the ROM (IC401) on the AT-189 board can be upgraded by using a USB drive.
The software programs include camera application and operating system (OS), which can be independently upgraded.
Use the following procedures to upgrade the software programs.

1-11-1. Upgrading Camera Application

Equipment Required

USB drive (commercially available)

Note

For recommended USB drive, refer to “Using a USB Drive” in the operation manual.

Preparation

Copy the camera application update data to the USB drive using the following procedure.

Note

For how to obtain the version update data file (hdc2000_app.pkg), contact your local Sony Sales Office/Service Center.

1. Create the following directory in the USB drive.
   ¥MSSONY¥PRO¥CAMERA¥HDC2000
2. Copy the version update data file "hdc2000_app.pkg" to the directory created in step 1.

Procedure

1. Connect the USB drive that contains the version update program.
2. Turn on the power of the unit.
3. Display the "ROM VERSION" page of the DIAGNOSIS menu.
4. Confirm that the cursor "?" is displayed to the left of D03, and then press the ENTER button long.
5. Updatable items become selectable. Select "CAMERA APP" and then press the ENTER button.
6. A message "VERSIION UP OK?" appears. Select "YES."
7. The unit restarts automatically and the version update starts.
   Upon completion of the version update, a message "UPDATE SUCCEEDED" appears.
8. Turn off and on the power of the unit and confirm that the version has been updated on the "ROM VERSION" page of the DIAGNOSIS menu.

1-11-2. Upgrading OS

Equipment Required

USB drive (commercially available)

Note

For recommended USB drive, refer to “Using a USB Drive” in the operation manual.

Preparation

Copy the OS update data to the USB drive using the following procedure.

Note

For how to obtain the version update data file (hdc2000_os.pkg), contact your local Sony Sales Office/Service Center.

1. Create the following directory in the USB drive.
   ¥MSSONY¥PRO¥CAMERA¥HDC2000
2. Copy the version update data file “hdc2000_os.pkg” to the directory created in step 1.

Procedure

1. Connect the USB drive that contains the version update program.
2. Turn on the power of the unit.
3. Display the “ROM VERSION” page of the DIAGNOSIS menu.
4. Confirm that the cursor “?” is displayed to the left of D03, and then press the ENTER button long.
5. Updatable items become selectable. Select “OS” and then press the ENTER button.
6. A message “VERSIION UP OK?” appears. Select “YES.”
7. The unit restarts automatically and the version update starts.
   Upon completion of the version update, a message “UPDATE SUCCEEDED” appears.
8. Turn off and on the power of the unit and confirm that the version has been updated on the “ROM VERSION” page of the DIAGNOSIS menu.

1-12. PLD

This unit uses the PLD (Programmable Logic Device) that supports USB drive to write and rewrite the internal data.
If the part listed below needs to be replaced or to be upgraded, contact your local Sony Sales Office/Service Center.

Note

The part number of PLD (or ROM for PLD) in which data is not written yet, is shown in "6. Spare Parts".
Therefore, if part replacement is required, write the data by the following procedure.
In the case of the PLD type that runs on the program stored in external ROM, data needs not to be written only by replacing the part if the specific PLD only is defective.

1-12-1. Corresponding PLD

PLD (Ref. No./Board Name)	File Name
IC1001/SY-408 IC1102/SY-408 *1	hdc2000_sy.pkg
IC604/DPR-338 IC602/DPR-338 *2	hdc2000_dpr2.pkg
IC401/DPR-338 IC501/DPR-338 *3	hdc2000_dpr1.pkg
IC1/SDI-109 IC607/SDI-109 *4	hdc2000_sdi.pkg
IC15/TG-276 IC2/TG-276 *5	hdc2000_tg.pkg

1-12-2. Upgrading PLD Data

Equipment Required

USB drive (commercially available)

Note

For recommended USB drive, refer to "Using a USB Drive" in the operation manual.

Preparation

Copy the PLD update data to the USB drive using the following procedure.

Note

For how to obtain the version update data file (hdc2000_sy.pkg, hdc2000_dpr1.pkg, hdc2000_dpr2.pkg, hdc2000_sdi.pkg, hdc2000_tg.pkg), contact your local Sony Sales Office/Service Center.

1. Create the following directory in the USB drive.
   ¥MSSONY¥PRO¥CAMERA¥HDC2000
2. Copy the PLD version update data file to be updated to the directory created in step 1.

*1: IC1102/SY-408 is the ROM for IC1001/SY-408.
*2: IC602/DPR-338 is the ROM for IC604/DPR-338.
*3: IC501/DPR-338 is the ROM for IC401/DPR-338.
*4: IC607/SDI-109 is the ROM for IC1/SDI-109.
*5: IC2/TG-276 is the ROM for IC15/TG-276.

Procedure

1. Connect the USB drive that contains the version update program.
2. Turn on the power of the unit.
3. Display the “ROM VERSION” page of the DIAGNOSIS menu.
4. Confirm that the cursor “?” is displayed to the left of D03, and then press the ENTER button long.
5. Updatable items become selectable. Select the PLD to be upgraded and then press the ENTER button.
6. A message “VERSION UP OK?” appears. Select “YES.”
7. The unit restarts automatically and the version update starts.
   Upon completion of the version update, a message “UPDATE SUCCEEDED” appears.
8. Turn off and on the power of the unit and confirm that the version has been updated on the “ROM VERSION” page of the DIAGNOSIS menu.

1-13. Microphone Power and Intercom Settings

1-13-1. Outputting Microphone Power Voltage +12 V (AB-Power)

A microphone power voltage of +12 V can be supplied to the microphone connected to the AUDIO IN connector.

1. Open the OPTION [S11] page of the SERVICE menu.
2. Set “MIC AB POWER” to “ENABLE”.
3. Set the microphone power switch on the connector panel at the rear of the unit to “•”.
   Power voltage +12 V (AB-Power) is supplied to the microphone connected to the AUDIO IN connector.

1-13-2. Intercom Settings

Since there are several types and usages of the headset for intercom, make appropriate settings for each type.

Talk (Microphone) Settings

Check characteristics of the microphone attached to the headset and make settings by the menu of the unit. Microphone sensitivity, power supply method, balanced/unbalanced input can be set. Intercom 1 and intercom 2 are independent, and therefore make settings for each intercom.

General carbon microphone

1. Set INTERCOM1 MIC (or INTERCOM2 MIC) on the HEAD SET page of the OPERATION menu to “CARBON”.
   Microphone sensitivity, power supply method, balanced/unbalanced input are automatically set.

General dynamic microphone

1. Set INTERCOM1 MIC (or INTERCOM2 MIC) on the HEAD SET page of the OPERATION menu to “DYNAMIC”.
2. Set “UNBAL” (balanced/unbalanced input) on the HEAD SET page according to the microphone.
   Microphone sensitivity and power supply method are automatically set.

Other microphones

1. Set INTERCOM1 MIC (or INTERCOM2 MIC) on the HEAD SET page of the OPERATION menu to “MANUAL”.
2. Set the following items on the HEAD SET page according to the microphone to be used.
   - LEVEL (microphone sensitivity)
   - POWER (power supply method)
   - UNBAL (balanced/unbalanced input)

Receive (Headphone) Settings

Headphone operation varies depending on the headset connection.
The following description is provided when the right ear is connected to Pin 5 of the intercom connector and the left ear is connected to Pin 4 of the intercom connector.

In the case of dual-type headphone to listen the same sound with both ears or single-type headphone

1. Set “INTERCOM RECEIVE SELECT” on the RECEIVE SEL page of the OPERATION menu to “MIX”. The same sound is output from right and left.

In the case of dual-type headphone to listen different right and left sound

1. Set “INTERCOM RECEIVE SELECT” on the RECEIVE SEL page of the OPERATION menu to “SEPARATE”.
2. Set channels (left, right, and both) of items INTRECOM, PGM1, PGM2, and TRACKER on the RECEIVE SEL page.

To adjust the volume of your voice

1. Set volume in SIDE TONE on the INTERCOM LEVEL page of the OPERATION menu.

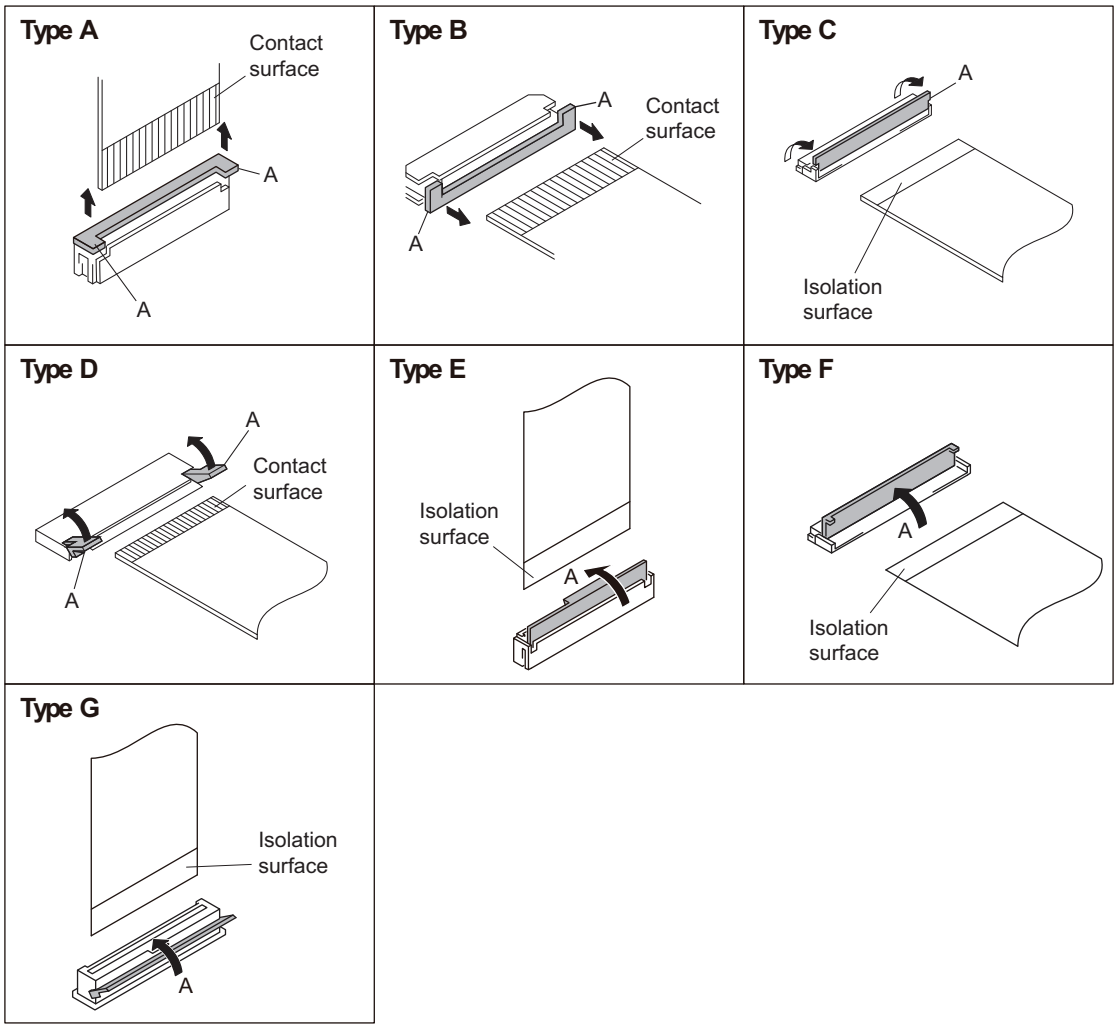
1-14. Flexible Card Wire and Coaxial Cable

1-14-1. Connecting/Disconnecting Flexible Card Wire

Notes

- Be very careful not to fold flexible card wires. Life of flexible card wire will be significantly shortened if it is folded.
- Each flexible card wire has conductor side and insulated side. If the flexible card wire is connected in the wrong orientation of the conductor side and the insulated side, the circuit will not function.
- Insert the flexible card wire straight.
- Check that the conductive surface of the flexible card wire is not contaminated.

Type A to G



Disconnecting

1. Turn off the power.
2. Slide or lift up the portion A in the direction of the arrow to unlock and pull out the flexible card wire.

Connecting

1. Insert the flexible card wire firmly as far as it will go with the insulating surface facing upward.
2. Close the latch of the connector in the direction of arrow B to lock the flexible card wire.

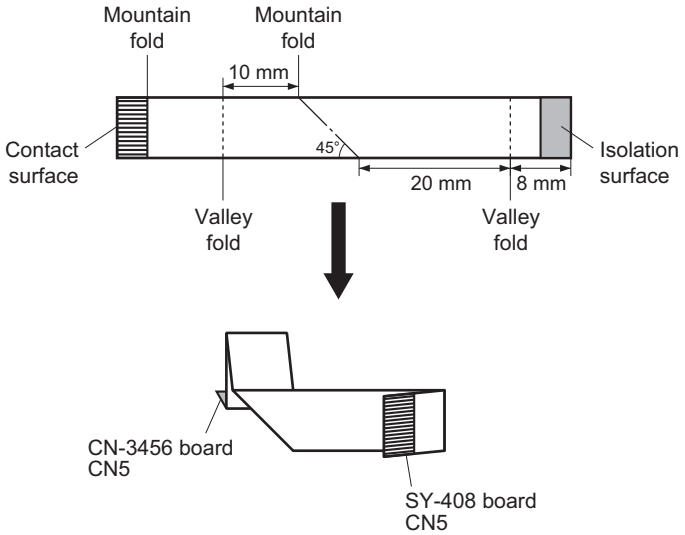
1-14-2. Forming Flexible Card Wire

Before installing a new flexible card wire for repair, fold it by hand according to the following figures.

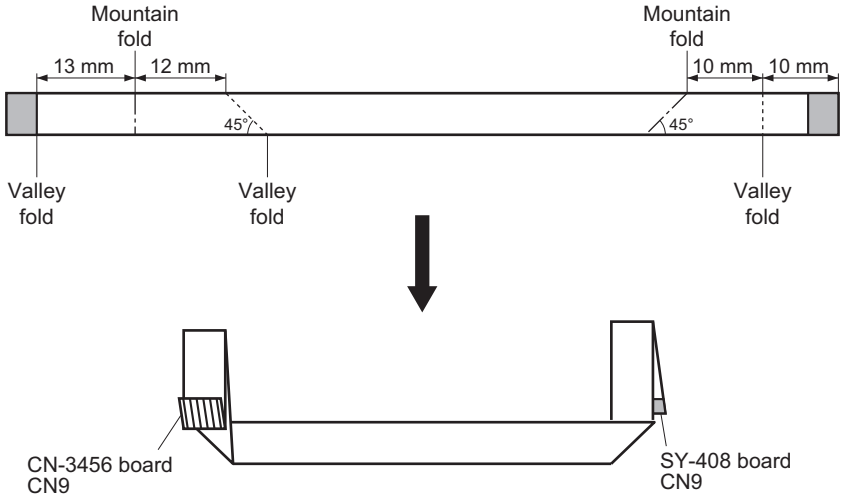
Note

Never fold it back after being formed once.

- SY-408 board CN5 ↔ CN-3456 board CN5



- SY-408 board CN9 ↔ CN-3456 board CN9



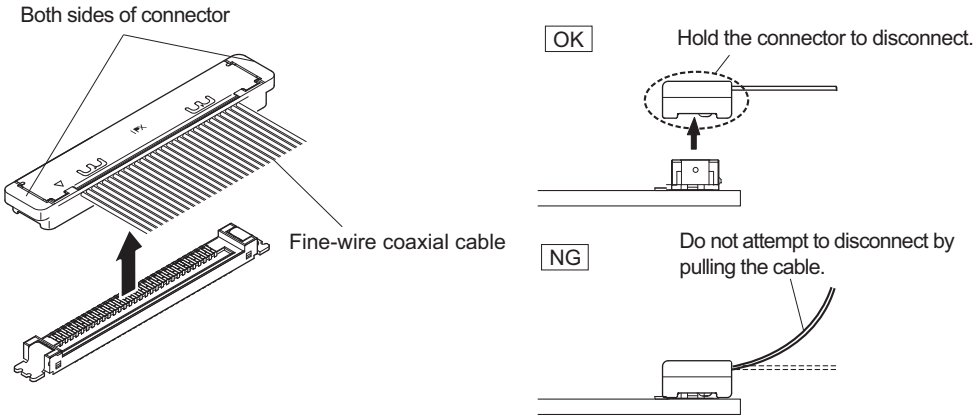
1-14-3. Disconnecting/Connecting Fine-Wire Coaxial Cable

Notes

- Be very careful when handling the fine-wire coaxial cable so that fine wires are not disconnected.
- When disconnecting the fine-wire coaxial cable, be sure to hold the connector. Do not attempt to pull the cable.
- Check that the contact surface of the fine-wire coaxial cable connector is free from dirt or dust.

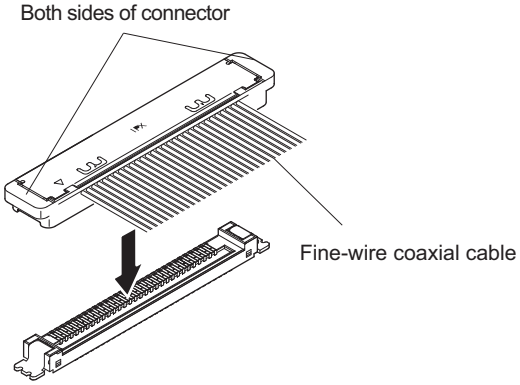
Type

Disconnecting



1. Hold both sides of the fine-wire coaxial cable connector, and pull the connector straight to disconnect it.

Connecting



Note

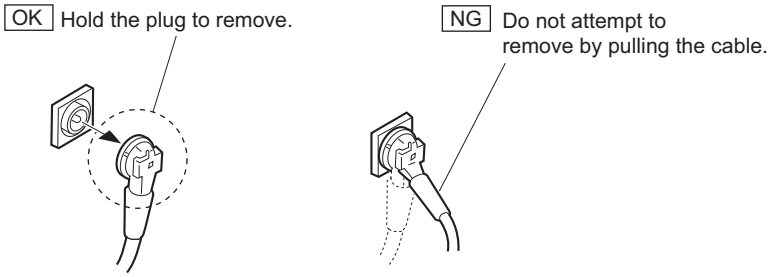
When connecting the fine-wire coaxial cable, insert it straight into the connector.

1. Insert firmly the connector of fine-wire coaxial cable in the interior.

1-14-4. Connecting/Disconnecting Coaxial Cable

Type A

Disconnecting



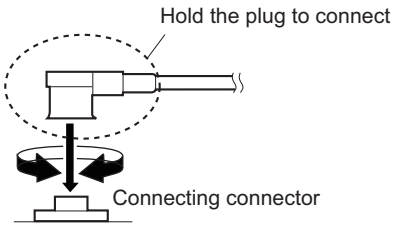
1. Hold the plug of coaxial cable.

2. Pull out the coaxial cable in the direction arrow.

Note

Be sure to hold the plug when disconnecting the coaxial cable. Do not pull the cable.

Connecting

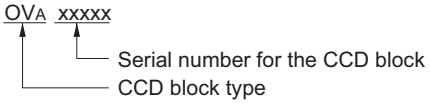


1. Hold the plug of coaxial cable.
2. Connect the coaxial cable perpendicularly to the connector. Push the plug into the connector while turning it clockwise and counterclockwise several times.

1-15. Description of CCD Block Number

Every OHB assembly has its own ID number called CCD block number. It shows the CCD block type and serial number for the CCD block.
The CCD block number label is put in the OHB assembly.

Example: OV$_A$ xxxxx



1-16. Circuit Protection Parts

1-16-1. Fuses

WARNING

Fuses are essential parts for safe operation. Be sure to use the parts specified in this manual. Replacing a fuse with an unspecified one may cause fire or electric shock.

CAUTION

Replacing any fuse is replaced while power is supplied to the unit may cause electric shock. Before replacing any fuse, turn off the POWER switch and also disconnect the battery pack and the cable from the DC IN connector.

This unit is equipped with fuses. The fuses blow if overcurrent flows in the unit due to an abnormality, In that case, turn off the power of the unit, inspect inside of the unit, and then remove the cause of the overcurrent. After that, replace the defective parts.

Board Name	Ref. No.	Address	Part No.	Part Name/Rating
PS-817A	F100	C3 (Side A)	⚠ 1-576-659-11	Fuse 5 A/250 V
	F101	C4 (Side A)	⚠ 1-523-143-11	Fuse 6.3 A/500 V
PS-818A	F1400	D4 (Side B)	⚠ 1-576-566-21	Fuse 15 A/65 V
SW-1536	F1	A1 (Side A)	⚠ 1-576-226-51	Fuse 1.25 A/250 V
	F2	A1 (Side A)	⚠ 1-576-229-51	Fuse 2.5 A/250 V

1-16-2. Circuit Protection Element

This unit is equipped with positive-characteristic thermistors (power thermistors) as circuit protection elements.
The positive-characteristic thermistor limits the electric current flowing through the circuit as the internal resistance increases when an excessive current flows or when the ambient temperature increases. If the positive-characteristic thermistor works, turn off the main power of the unit and inspect the internal circuit of the unit.
After the cause of the fault is eliminated and the positive-characteristic thermistor is cooled down, turn on the main power again. The unit works normally. It takes about one minute to cool down the positive-characteristic thermistor after the main power is turned off.

Board Name	Ref. No.	Address	Part No.	Hold Current
CN-3456	THP601	D2 (Side B)	⚠ 1-803-615-21	0.50 A/20 ℃
	THP602	C2 (Side B)	⚠ 1-803-615-21	0.50 A/20 ℃
	THP603	C2 (Side B)	⚠ 1-803-615-21	0.50 A/20 ℃
	THP604	C2 (Side B)	⚠ 1-803-615-21	0.50 A/20 ℃
CN-3460	THP301	A2 (Side A)	⚠ 1-802-108-11	1.50 A/20 ℃
	THP302	B2 (Side A)	⚠ 1-811-201-11	2.60 A/20 ℃
CN-3461	THP801	B2 (Side B)	⚠ 1-803-615-21	0.50 A/20 ℃
CN-3463	THP11	A2 (Side A)	⚠ 1-803-353-21	0.14 A/20 ℃

Continued

Board Name	Ref. No.	Address	Part No.	Hold Current
DPR-338	THP101	B3 (Side B)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP102	D1 (Side B)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP103	B2 (Side B)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP104	D1 (Side B)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP105	D1 (Side B)	⚠ 1-804-616-21	1.10 A/20 ℃
DR-663	TH1	A2 (Side B)	⚠ 1-804-503-21	0.14 A/25 ℃
MB-1185	THP11	B2 (Side B)	⚠ 1-803-615-21	0.50 A/20 ℃
PS-817A	THP200	A4 (Side A)	⚠ 1-802-108-11	1.50 A/20 ℃
RE-281A	THP101	D2 (Side B)	⚠ 1-802-108-11	1.50 A/20 ℃
SDI-109	THP100	D3 (Side A)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP101	D3 (Side A)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP102	D4 (Side A)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP103	D4 (Side A)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP104	C3 (Side A)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP105	C3 (Side A)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP106	B2 (Side A)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP107	B2 (Side A)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP108	B3 (Side A)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP109	B3 (Side A)	⚠ 1-804-616-21	1.10 A/20 ℃
	THP110	C2 (Side B)	⚠ 1-804-616-21	1.10 A/20 ℃
SY-408	THP1	B3 (Side A)	⚠ 1-802-063-21	1.10 A/20 ℃
	THP101	C3 (Side A)	⚠ 1-803-615-21	0.50 A/20 ℃
	THP102	D2 (Side B)	⚠ 1-803-615-21	0.50 A/20 ℃
	THP103	D2 (Side B)	⚠ 1-803-615-21	0.50 A/20 ℃

1-17. Lead-free Solder

Boards requiring use of unleaded solder are printed with a lead free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)

: LEAD FREE MARK

Notes

- Be sure to use the unleaded solder for the printed circuit board printed with the lead free mark.
- The unleaded solder melts at a temperature about 40 °C higher than the ordinary solder. Therefore, it is recommended to use a soldering iron having a temperature regulator.
- The ordinary soldering iron can be used but the iron tip has to be applied to the solder joint for a slightly longer time. The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful.

Section 2
Replacement of Main Parts

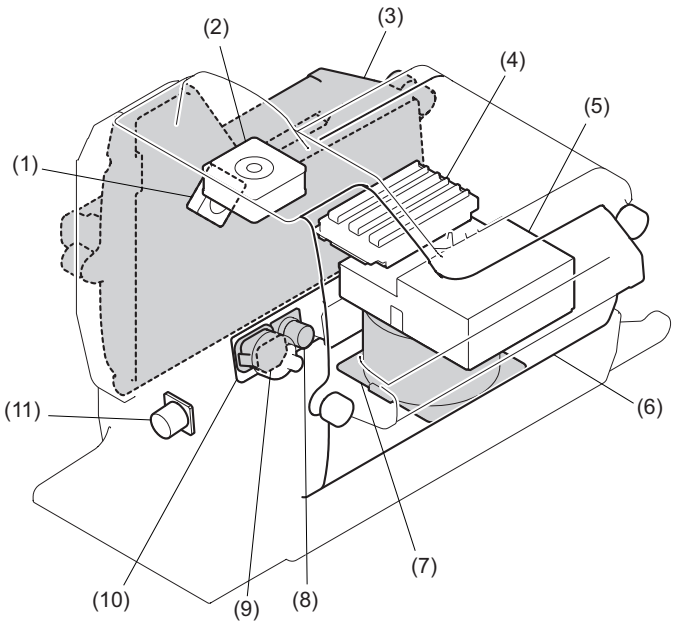
This section explains the replacement procedures of periodic replacement parts, main mechanical parts, and mounted circuit boards.

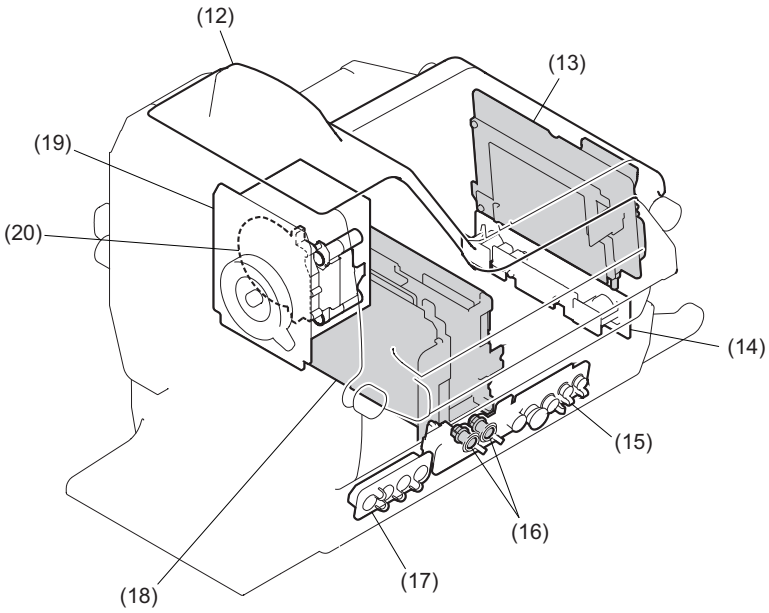
2-1. General Information for Parts Replacement

2-1-1. Index

This section describes the replacement procedure of the parts below.

Mechanical parts

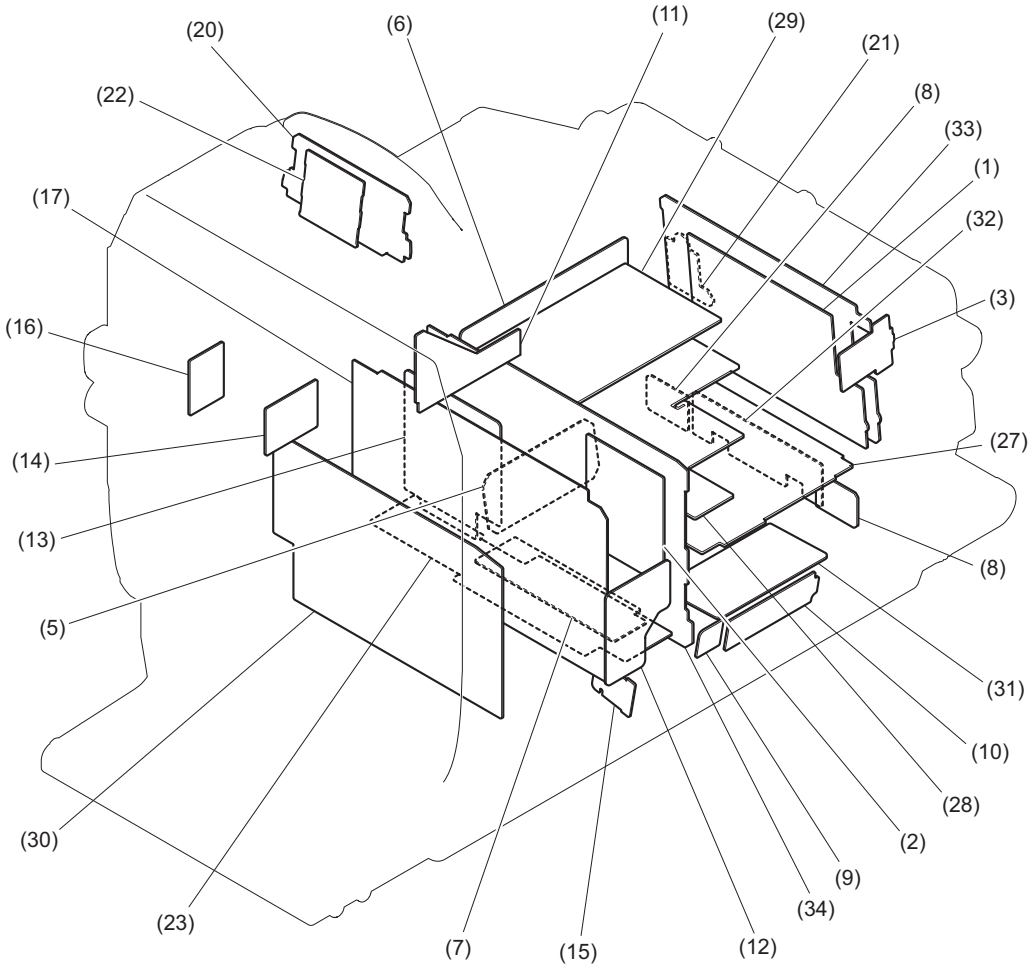


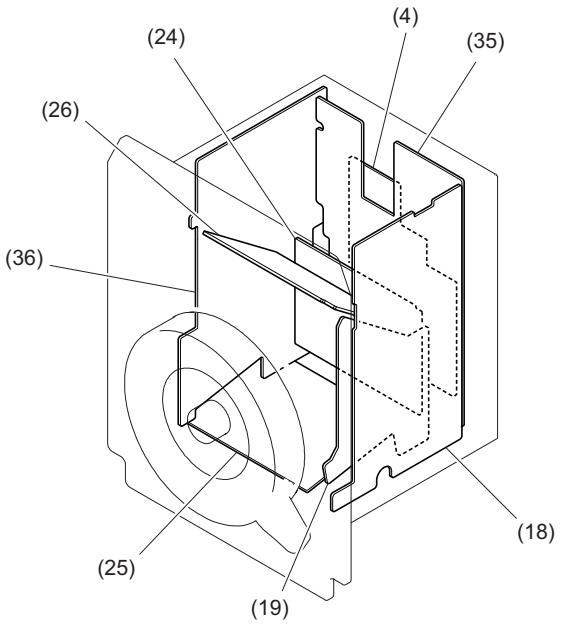


No.	Part name	Section
(1)	DC Fan (41 Square)	“2-4. DC Fan (41 Square)”
(2)	DC fan (60 Square)	“2-5. DC Fan (60 Square)”
(3)	Left Side Cover	“2-3. Opening the Side Cover Assembly”
(4)	DC-DC Converter	“2-13. DC-DC Converter (RE-281A Board)”
(5)	Power Block Assembly	“2-14. Power Block Assembly (PS-817A Board/PS-818A Board)”
(6)	Right Side Cover	“2-3. Opening the Side Cover Assembly”
(7)	Power Transformer	“2-14. Power Block Assembly (PS-817A Board/PS-818A Board)”
(8)	Harness (DC IN) Assembly	“2-17-2. Harness (DC IN) Assembly/Harness (AC OUT)”
(9)	Harness (AC OUT)	“2-17-2. Harness (DC IN) Assembly/Harness (AC OUT)”
(10)	Out Side Panel Assembly	“2-17. Out Side Panel Assembly”
(11)	Optical Multi Cable Assembly	“2-23. Optical Multi Cable Assembly”
(12)	Top Chassis Block	“2-21. Top Chassis Block”
(13)	Rear Panel Assembly	“2-18. Rear Panel Assembly”
(14)	Income Panel Assembly	“2-19. Income Panel Assembly”
(15)	Inside Panel Block	“2-15. Inside Panel Block”
(16)	Coaxial Connector	“2-15-3. Coaxial Connector”
(17)	Output Panel Assembly	“2-16. Output Panel Assembly”
(18)	DPR Block	“2-22. DPR Block”
(19)	Front Assembly	“2-2. Front Assembly”
(20)	FD Assembly	“2-2-1. FD (Filter Disk) Assembly/OHB Assembly”

Mounted circuit boards

After replacing/repairing the mounted circuit boards (or the assembling parts including them), perform the steps after replacement/repair. “1-5. Notes on Board Replacing”





No.	Board name	Procedure	Steps after replace-ment
(1)	AT-188 board	“2-18-2. AT-188 Board”	-
(2)	AT-189 board	“2-22-1. AT-189 Board/SY-408 Board”	-

Continued

No.	Board name	Procedure	Steps after replacement
(3)	CCM-72 board	"2-18-1. CCM-72 Board"	-
(4)	CN-3315 board	"2-2-4. CN-3315 Board"	-
(5)	CN-3455 board	"2-17-1. CN-3455 Board"	-
(6)	CN-3456 board	"2-12. CN-3456 Board"	-
(7)	CN-3457 board	"2-25. CN-3457 Board"	-
(8)	CN-3458 board	"2-19-1. CN-3458 Board"	-
(9)	CN-3459 board	"2-15-2. CN-3459 Board"	-
(10)	CN-3460 board	"2-15-1. CN-3460 Board"	-
(11)	CN-3461 board	"2-10. CN-3461 Board"	-
(12)	CN-3462 board	"2-7. CN-3462 Board"	-
(13)	CN-3463 board	"2-22-4. CN-3463 Board"	-
(14)	CN-3464 board	"2-9. CN-3464 Board"	-
(15)	CN-3473 board	"2-15-4. CN-3473 Board"	-
(16)	CN-3520 board	"2-6. CN-3520 Board"	-
(17)	DPR-338 board	"2-22-2. DPR-338 Board"	-
(18)	DR-657 board	"2-2-2. DR-657 Board"	-
(19)	IF-1168 board	"2-2-3. IF-1168 Board"	-
(20)	LE-380 board	"2-20. LE-380 Board/LE-382 Board"	-
(21)	LE-381 board	"2-18-4. LE-381 Board"	-
(22)	LE-382 board	"2-20. LE-380 Board/LE-382 Board"	-
(23)	MB-1185 board	"2-22-3. MB-1185 Board"	"1-5. Notes on Board Replacing"
(24)	PA-388 board	"2-2-7. PA-388/PA-389/PA-390 Board"	-
(25)	PA-389 board	"2-2-7. PA-388/PA-389/PA-390 Board"	-
(26)	PA-390 board	"2-2-7. PA-388/PA-389/PA-390 Board"	-
(27)	PS-817A board	"2-14. Power Block Assembly (PS-817A Board/PS-818A Board)"	-
(28)	PS-818A board	"2-14. Power Block Assembly (PS-817A Board/PS-818A Board)"	
(29)	RE-281A board	"2-13. DC-DC Converter (RE-281A Board)"	-
(30)	SDI-109 board	"2-11. SDI-109 Board"	-
(31)	SW-1536 board	"2-8. SW-1536 Board"	-
(32)	SW-1537/ SW-1537C board	"2-19-2. SW-1537 Board/SW-1537C Board"	-
(33)	SW-1538 board	"2-18-3. SW-1538 Board"	-
(34)	SY-408 board	"2-22-1. AT-189 Board/SY-408 Board"	"1-5. Notes on Board Replacing"
(35)	TG-276 board	"2-2-6. TG-276 Board"	"1-5. Notes on Board Replacing"
(36)	VA-243 board	"2-2-5. VA-243 Board"	-

2-1-2. Basic Knowledge

Flexible card wire and fine-wire coaxial cable

When installing the flexible card wire and fine-wire coaxial cable, connect the wire securely referring to "1-14-1. Connecting/Disconnecting Flexible Card Wire".

2-1-3. Tightening Torque

Torque driver and screw tightening torque

General three types of screws are used in this unit. Be sure to use a torque driver and tighten screws to the specified tightening torque.

Tightening torque

M2 (+) screw: 0.3 ±0.03 N・m

M2.6 (+) screw: 0.53 ±0.07 N・m

M3 (+) screw: 0.8 ±0.12 N・m

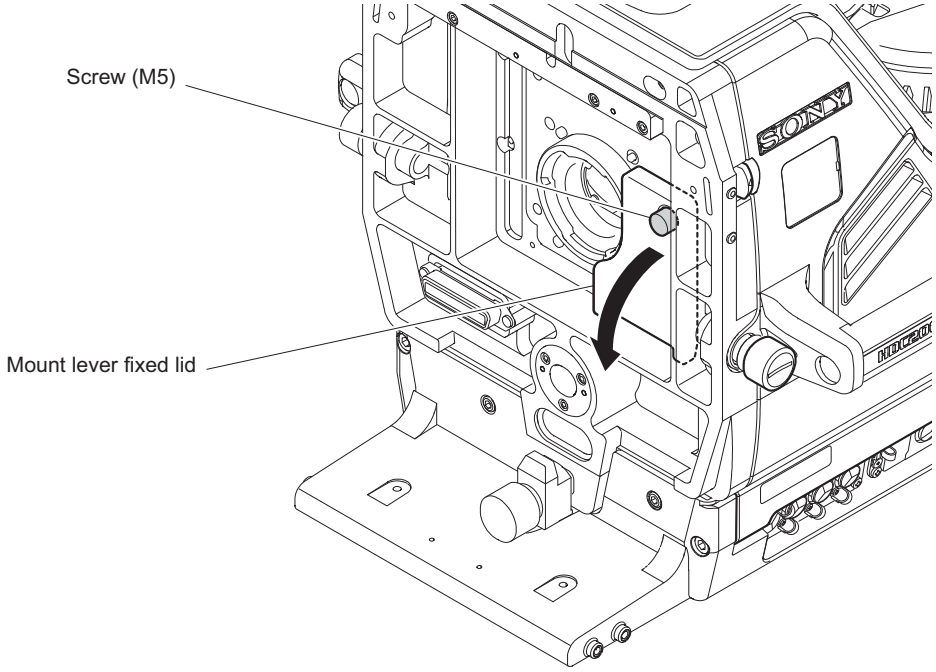
Note

Since small screws are used in this unit, they may fall into the unit when they are removed and installed. To prevent screws from falling, it is recommended that the bit of each torque driver be magnetized to a degree that prevents screws from falling.

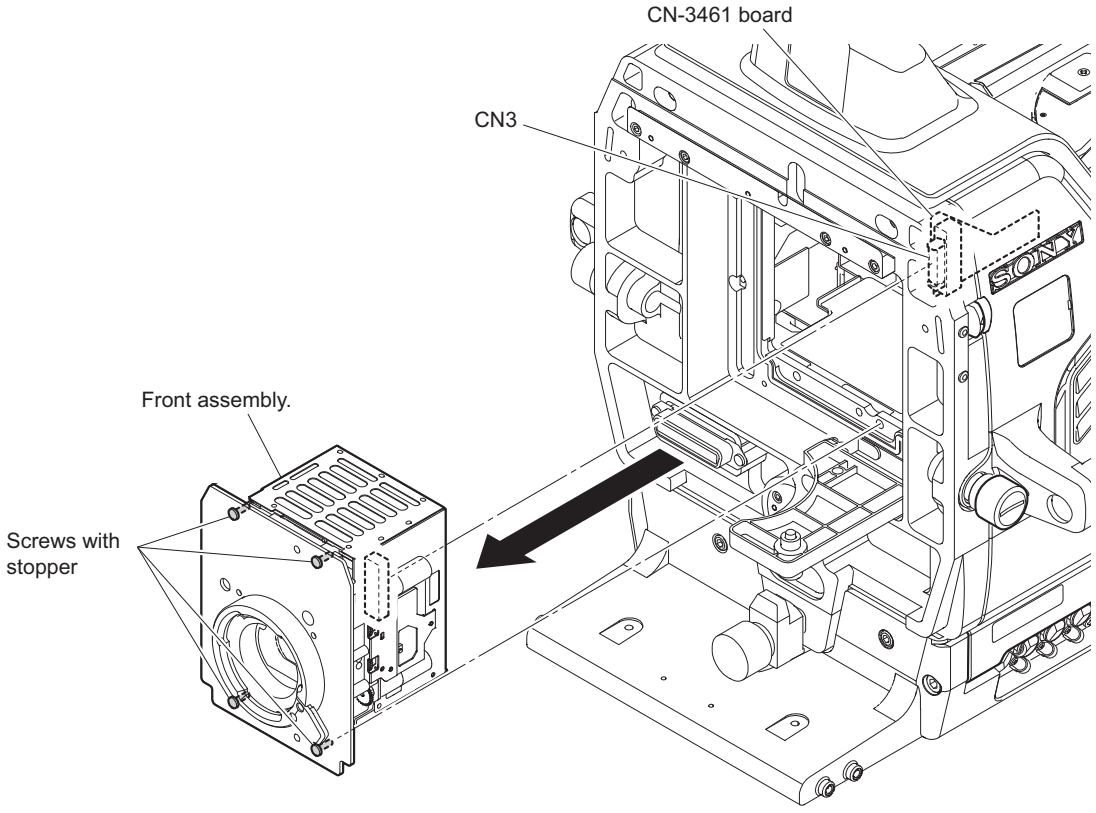
2-2. Front Assembly

Procedure

1. Loosen the screw and open the mount lever fixed lid in the direction of the arrow.



2. Loosen the four screws with stopper to detach the front assembly from the connector (CN3) on the CN-3461 board.



3. Install the removed parts by reversing the steps of removal.

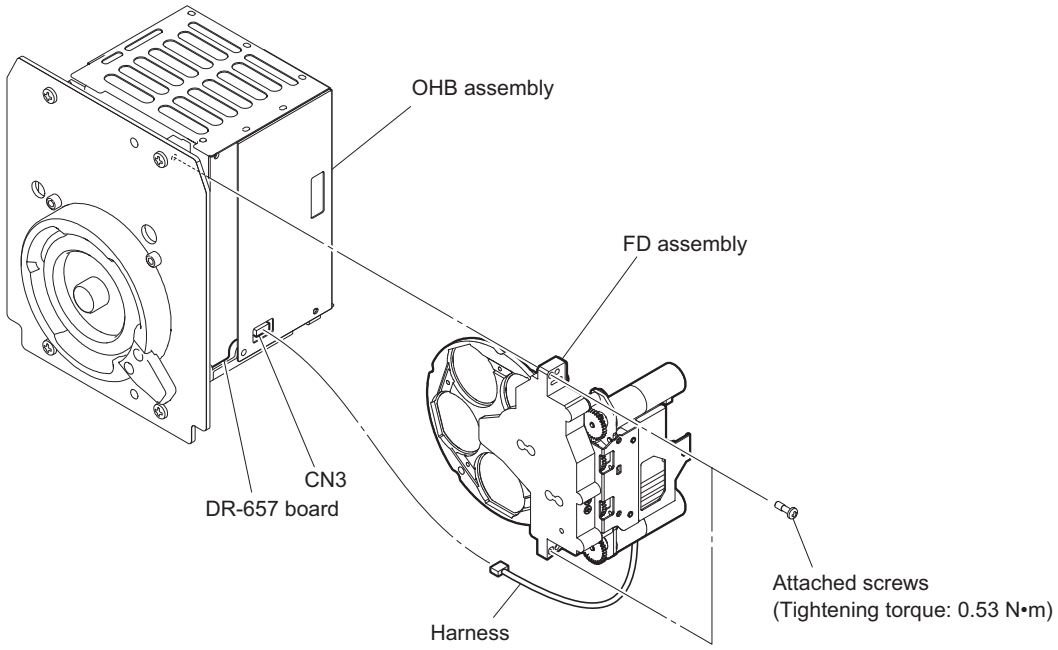
2-2-1. FD (Filter Disk) Assembly/OHB Assembly

Preparation

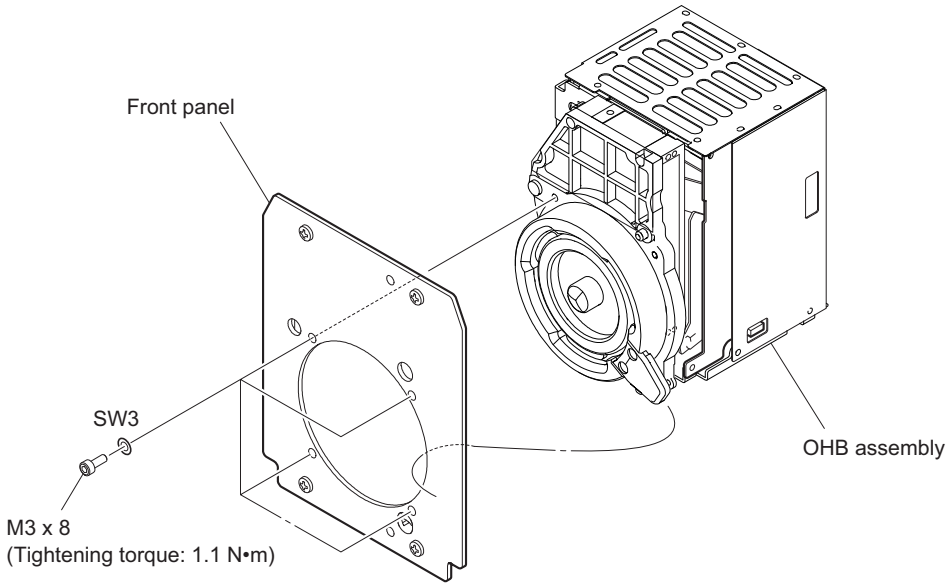
1. Remove the front assembly. (Refer to"2-2. Front Assembly".)

Procedure

1. Disconnect the harness from the connector (CN3) on the DR-657 board.
2. Remove the two screws to detach the FD assembly from the OHB assembly.



3. Remove the four screws and four washers to detach the front panel.



4. Install the removed parts by reversing the steps of removal.

2-2-2. DR-657 Board

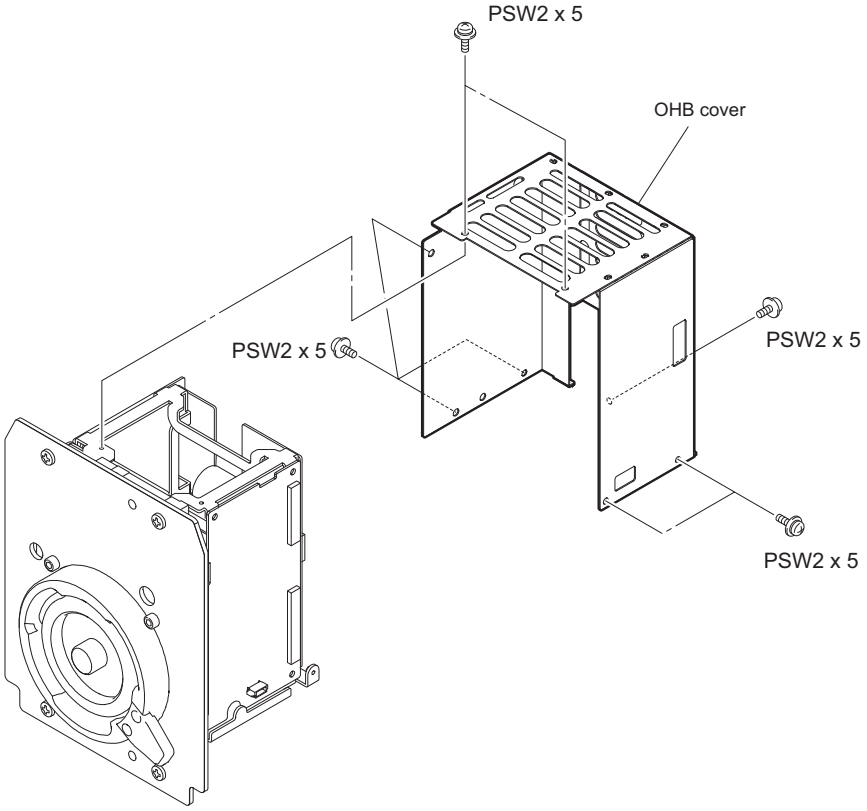
Preparation

1. Remove the front assembly. (Refer to"2-2. Front Assembly".)

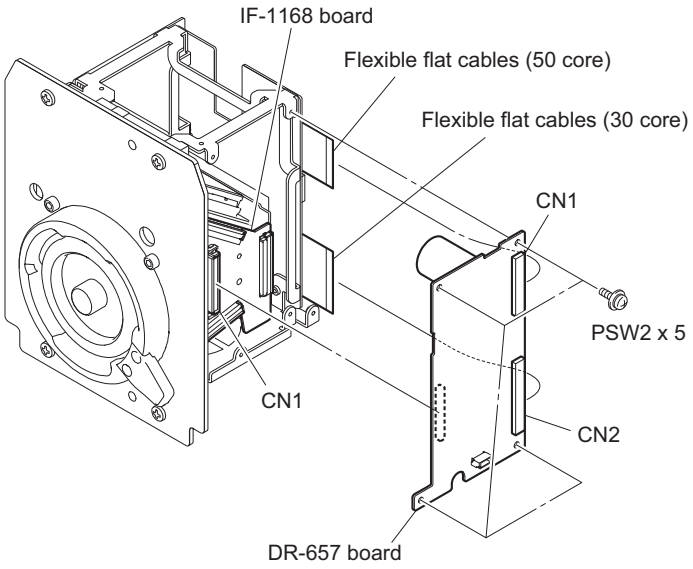
2. Remove the FD Assembly. (Refer to"2-2-1. FD (Filter Disk) Assembly/OHB Assembly".)

Procedure

1. Remove the eight screws to detach the OHB cover.



2. Disconnect the two flexible flat cables from the connectors (CN1, CN2) on the DR-657 board.
3. Remove the four screws to detach the DR-657 board from the connector (CN1) on the IF-1168 board.



4. Install the removed parts by reversing the steps of removal.

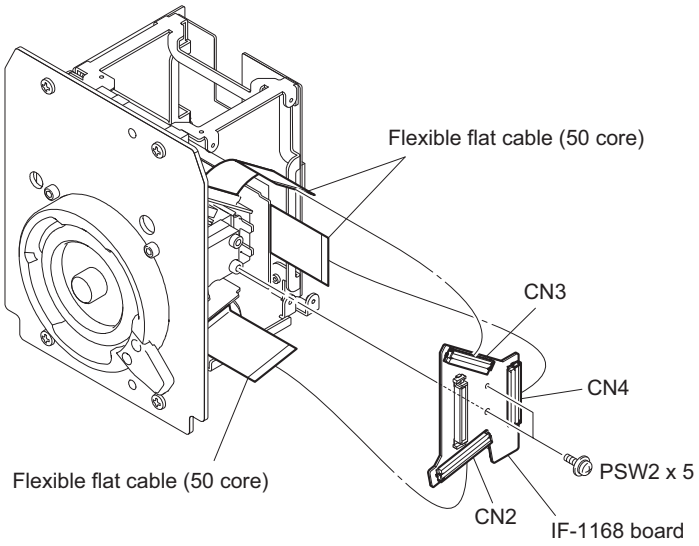
2-2-3. IF-1168 Board

Preparation

1. Remove the front assembly. (Refer to"2-2. Front Assembly".)
2. Remove the FD assembly. (Refer to"2-2-1. FD (Filter Disk) Assembly/OHB Assembly".)
3. Remove the DR-657 Board. (Refer to"2-2-2. DR-657 Board".)

Procedure

1. Disconnect the three flexible flat cables from the three connectors (CN2, CN3, and CN4) on the IF-1168 board.
2. Remove the two screws to detach the IF-1168 board.



3. Install the removed parts by reversing the steps of removal.

2-2-4. CN-3315 Board

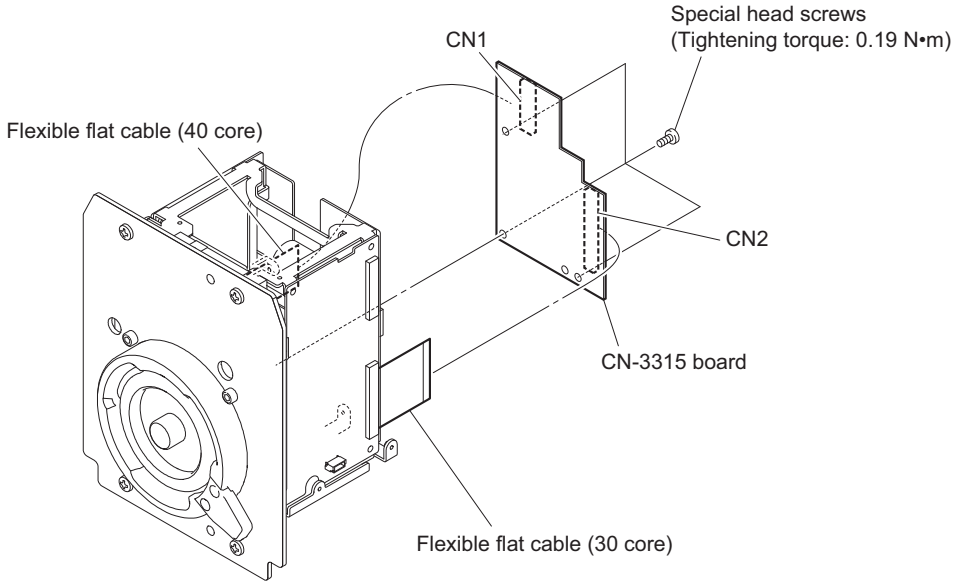
Preparation

1. Remove the front assembly. (Refer to"2-2. Front Assembly".)
2. Remove the FD Assembly. (Refer to"2-2-1. FD (Filter Disk) Assembly/OHB Assembly".)
3. Remove the OHB Cover. (Refer to"2-2-2. DR-657 Board".)

Procedure

1. Disconnect the two flexible flat cables from the two connectors (CN1, CN2) on the CN-3315 board.

2. Remove the three screws to detach the CN-3315 board.



3. Install the removed parts by reversing the steps of removal.

2-2-5. VA-243 Board

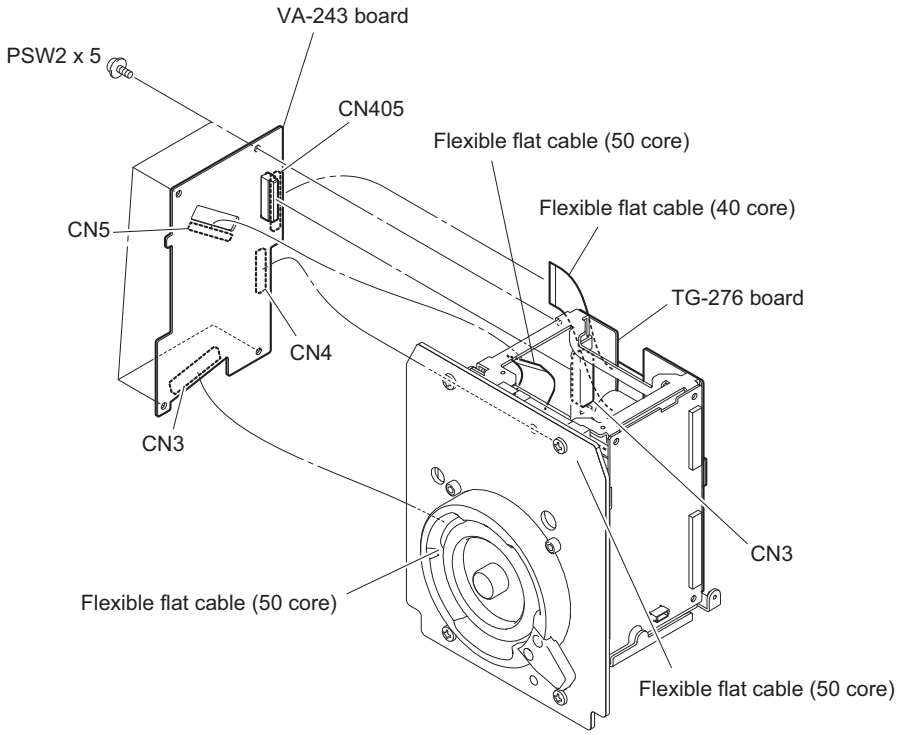
Preparation

1. Remove the front assembly. (Refer to"2-2. Front Assembly".)
2. Remove the FD Assembly. (Refer to"2-2-1. FD (Filter Disk) Assembly/OHB Assembly".)
3. Remove the OHB Cover. (Refer to"2-2-2. DR-657 Board".)

Procedure

1. Disconnect the four flexible flat cables from the four connectors (CN3, CN4, CN5 and CN405) on the VA-243 board.

2. Remove the four screws to detach the VA-243 board from the connector (CN3) on the TG-276 board.



3. Install the removed parts by reversing the steps of removal.

2-2-6. TG-276 Board

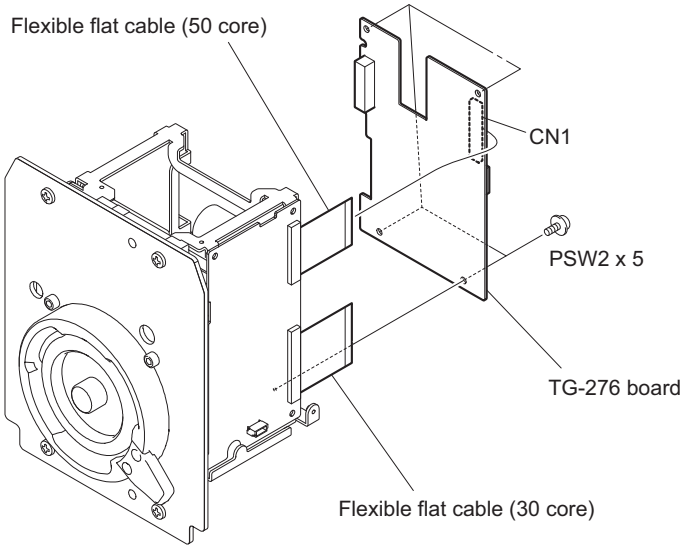
Preparation

1. Remove the front assembly. (Refer to"2-2. Front Assembly".)
2. Remove the FD Assembly. (Refer to"2-2-1. FD (Filter Disk) Assembly/OHB Assembly".)
3. Remove the OHB Cover. (Refer to"2-2-2. DR-657 Board".)
4. Remove the CN-3315 Board. (Refer to"2-2-4. CN-3315 Board".)
5. Remove the VA-243 Board. (Refer to"2-2-5. VA-243 Board".)

Procedure

1. Disconnect the flexible flat cable from the connector (CN1) on the TG-276 board.

2. Remove the four screws to detach the TG-276 board.



3. Install the removed parts by reversing the steps of removal.

2-2-7. PA-388/PA-389/PA-390 Board

It is recommended that PA-388, PA-389, and PA-390 boards be replaced on an OHB assembly basis.

Note

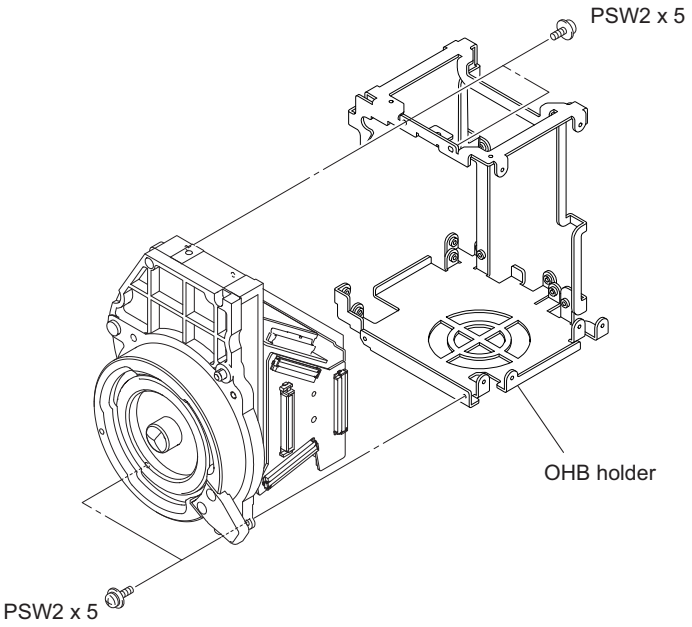
This unit uses three PA boards for R, G, and B channels. As an example, removal of the PA-388 board for the G channel is shown below.

Preparation

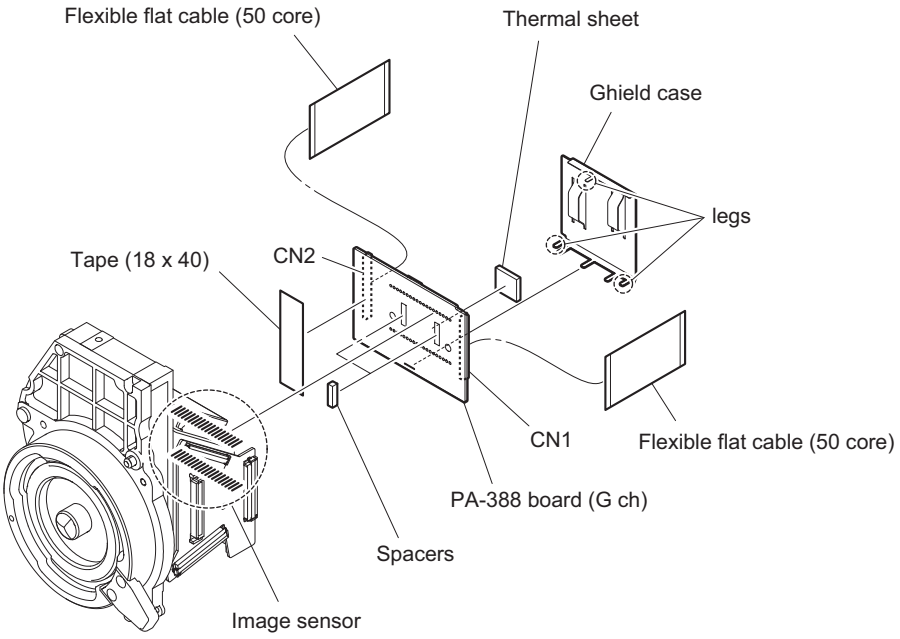
1. Remove the front assembly. (Refer to"2-2. Front Assembly".)
2. Remove the FD Assembly. (Refer to"2-2-1. FD (Filter Disk) Assembly/OHB Assembly".)
3. Remove the DR-657 Board. (Refer to"2-2-2. DR-657 Board".)
4. Remove the CN-3315 Board. (Refer to"2-2-4. CN-3315 Board".)
5. Remove the VA-243 Board. (Refer to"2-2-5. VA-243 Board".)
6. Remove the TG-276 Board. (Refer to"2-2-6. TG-276 Board".)
7. Remove Front Panel Assembly. (Refer to"2-2-1. FD (Filter Disk) Assembly/OHB Assembly".)

Procedure

1. Remove the four screws to detach the OHB holder.



2. Unsolder the three legs of the shield case to detach the shield case and the thermal sheet.
3. Disconnect the two flexible flat cables from the connector (CN1, CN2) on the PA-388 board (G ch).
4. Unsolder the image sensor pins to detach the PA-388 board (G ch).
5. Remove the two spacers and the tape (18 x 40) from the PA-388 board (G ch).

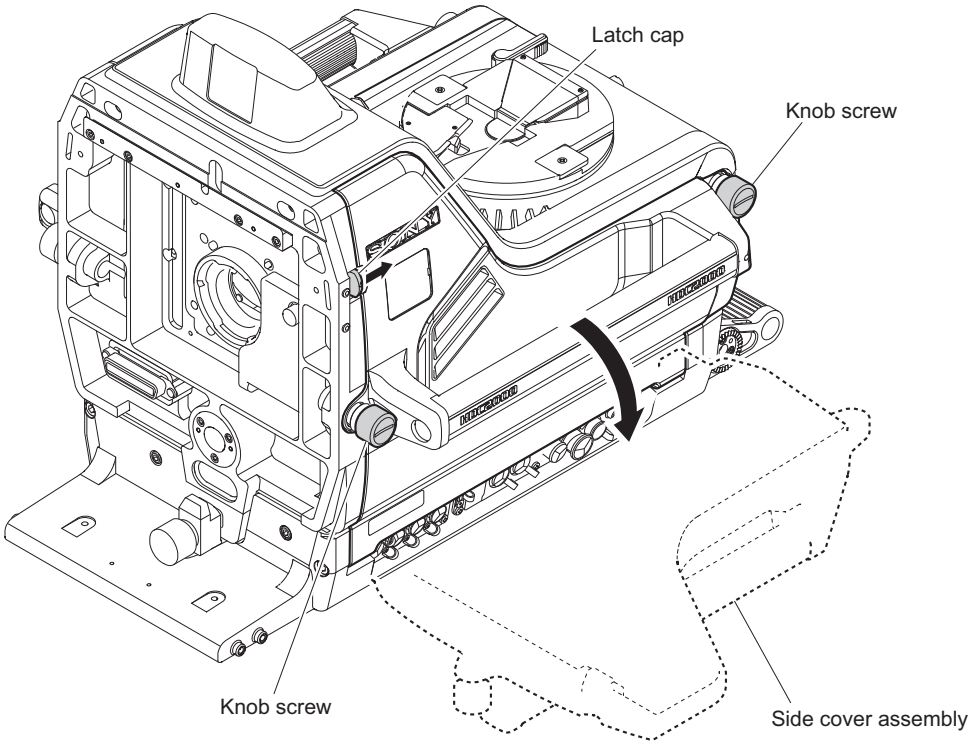


6. Install the removed parts by reversing the steps of removal.

2-3. Opening the Side Cover Assembly

Procedure

1. Loosen the two knob screws.
2. Slide the latch cap and open the side cover assembly in the direction of the arrow.



Note

This figure shows the right side cover, but the side cover assembly opening method shown in this figure also applies to the left side cover.

3. When closing the side cover assembly, close it until a click is heard and then tighten the two knob screws.

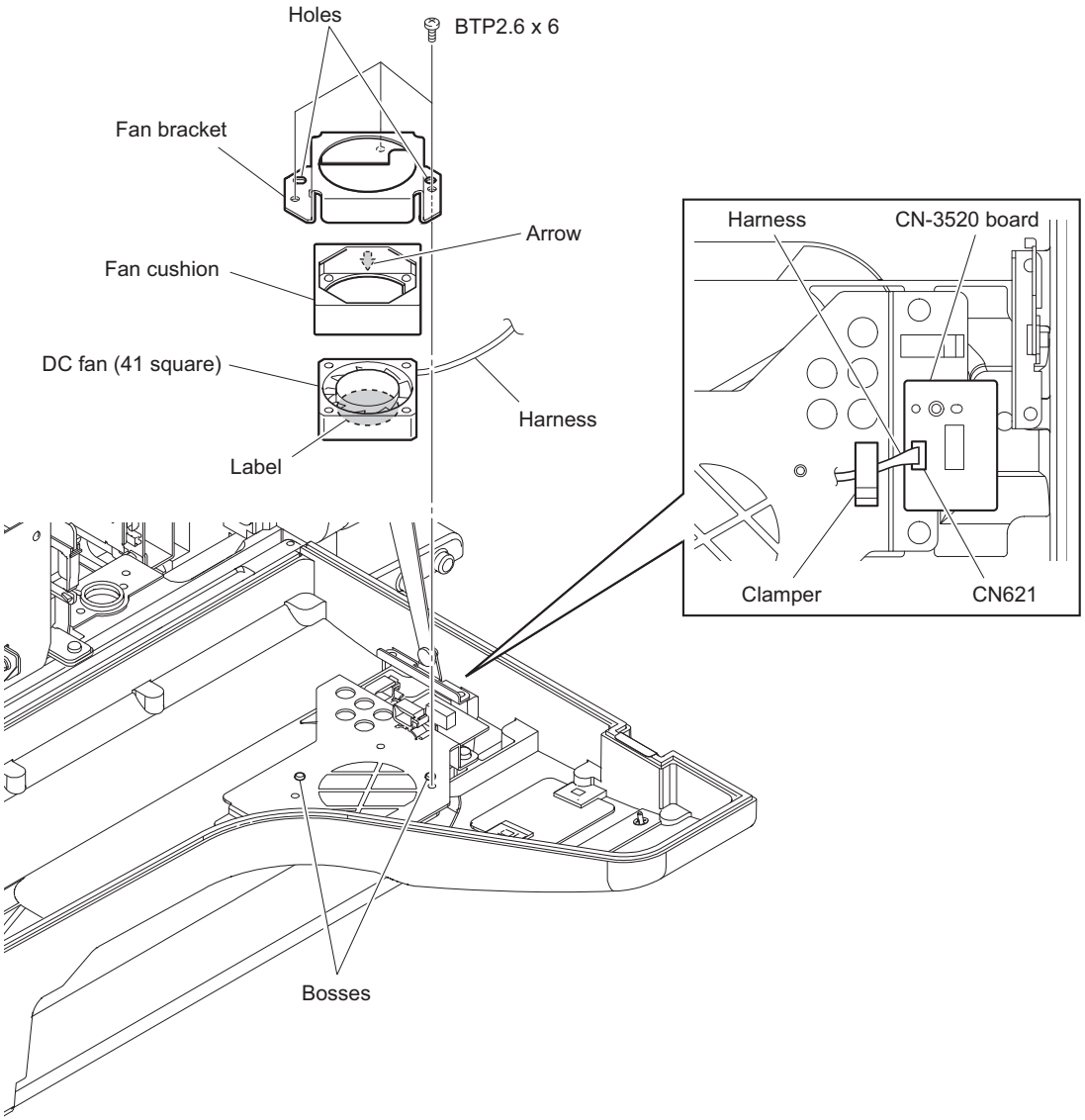
2-4. DC Fan (41 Square)

Preparation

1. Open the left side cover assembly. (Refer to"2-3. Opening the Side Cover Assembly".)

Procedure

1. Disconnect the harness from the connector (CN621) on the CN-3520 board.
2. Open the clamper.
3. Remove the three screws to detach the fan bracket.
4. Remove the fan cushion and DC fan (41 square) from the fan bracket.



Notes

- Install the DC fan (41 square) carefully paying attention to the label side and the harness position.
- When installing the fan bracket, fit the two bosses with the two holes.
- Install the cushion (fan) carefully paying attention to the arrow position.

5. Install the removed parts by reversing the steps of removal.

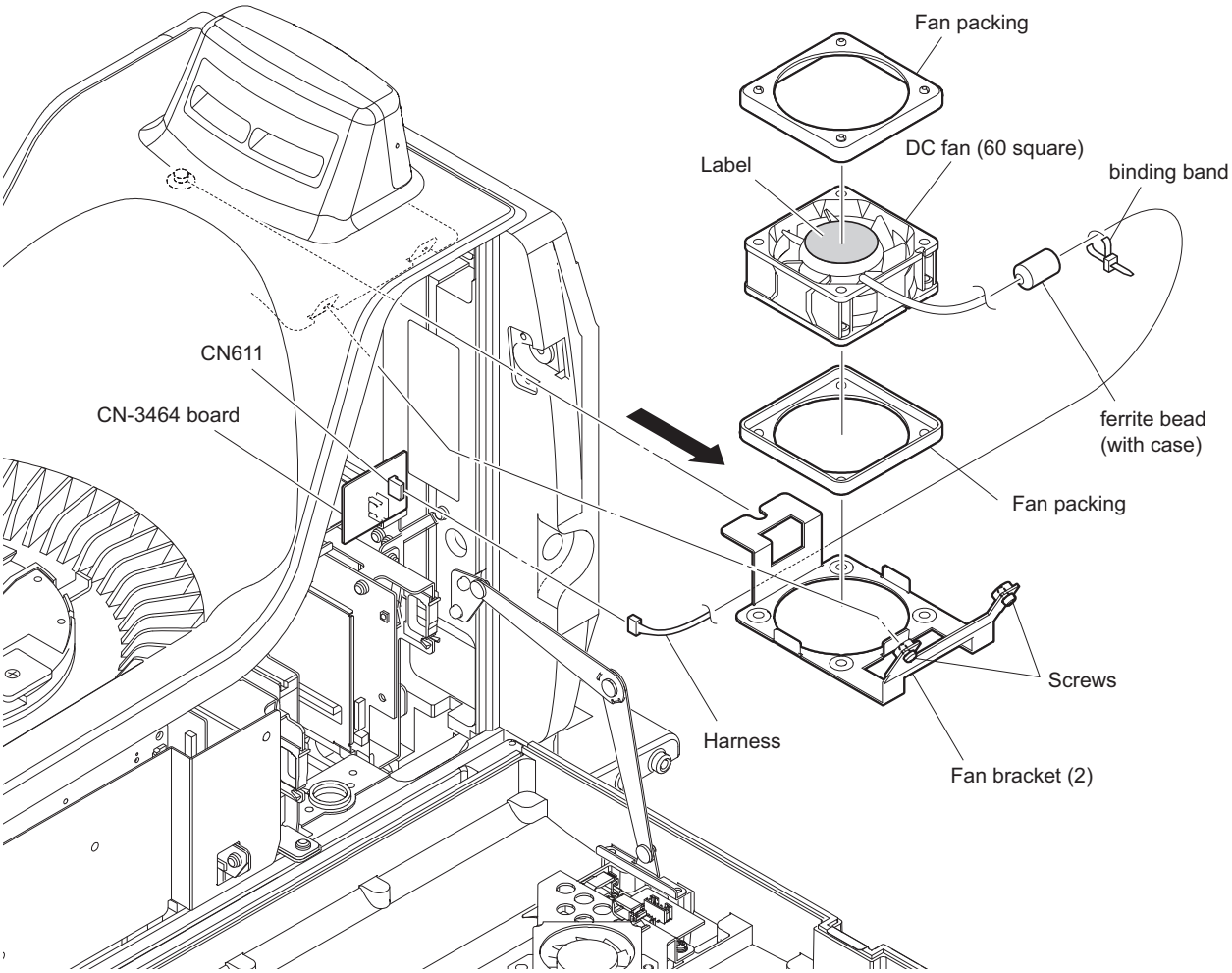
2-5. DC Fan (60 Square)

Preparation

1. Open the left side cover. (Refer to"2-3. Opening the Side Cover Assembly".)

Procedure

1. Disconnect the harness from the connector (CN611) on the CN-3464 board.
2. Loosen the two screws and pull out the fan bracket (2) in the direction of the arrow.
3. Remove the DC fan (60 square) and the two fan packings from the fan bracket (2).
4. Remove the two fan packings from the DC fan (60 square).
5. Cut the binding band and remove the ferrite bead (with case).



Notes

- Install the DC fan (60 square) carefully paying attention to the label side and the harness position.
- Install the new binding band as shown in the figure.

6. Install the removed parts by reversing the steps of removal.

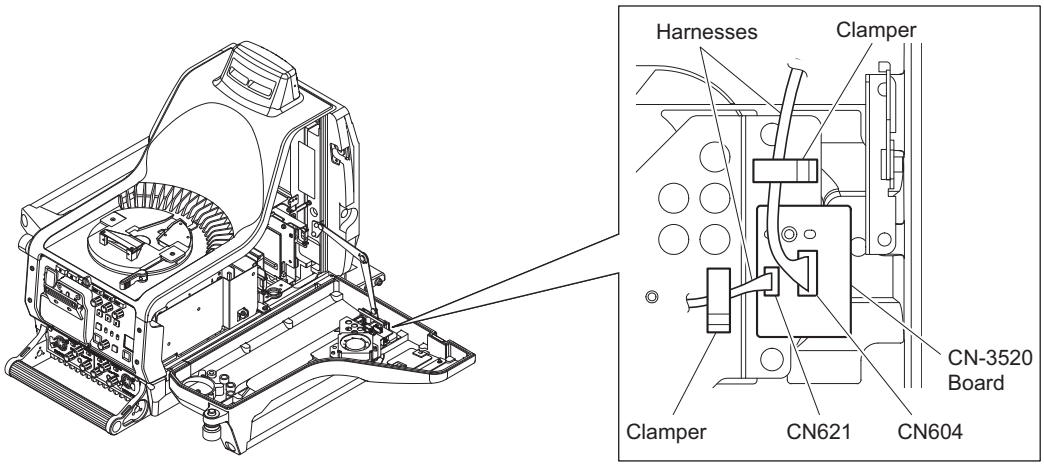
2-6. CN-3520 Board

Preparation

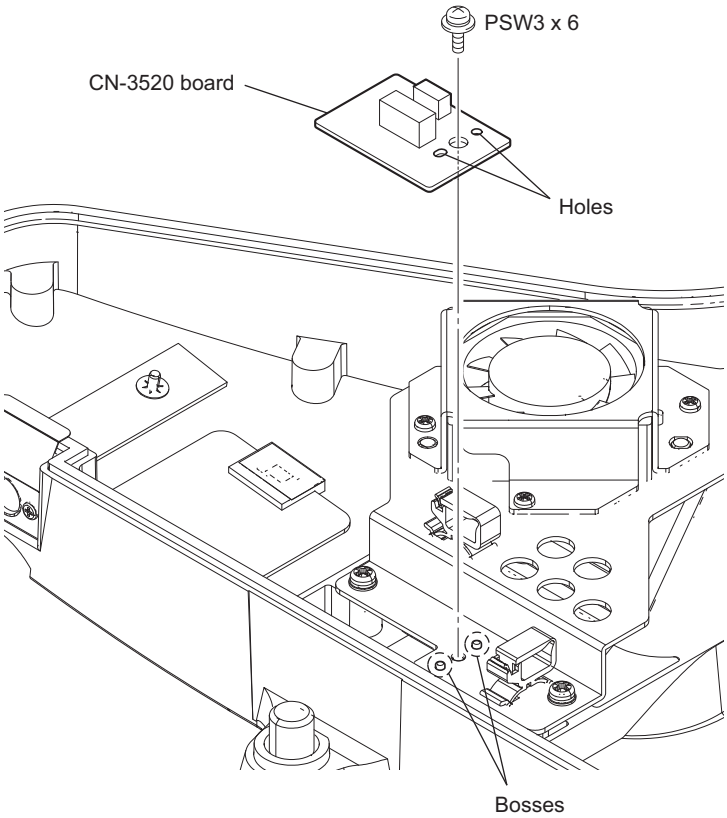
1. Open the left side cover. (Refer to"2-3. Opening the Side Cover Assembly".)

Procedure

1. Open the two clampers.
2. Disconnect the two harnesses from the two connectors (CN604, CN621) on the CN-3520 board.



3. Remove the screw to detach the CN-3520 board.



Note

When installing the CN-3520 board, fit the two bosses with the two holes.

4. Install the removed parts by reversing the steps of removal.

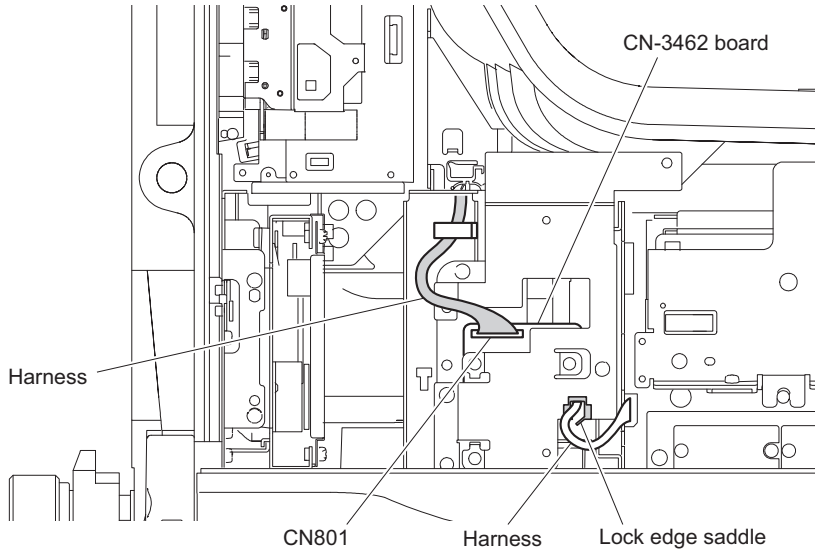
2-7. CN-3462 Board

Preparation

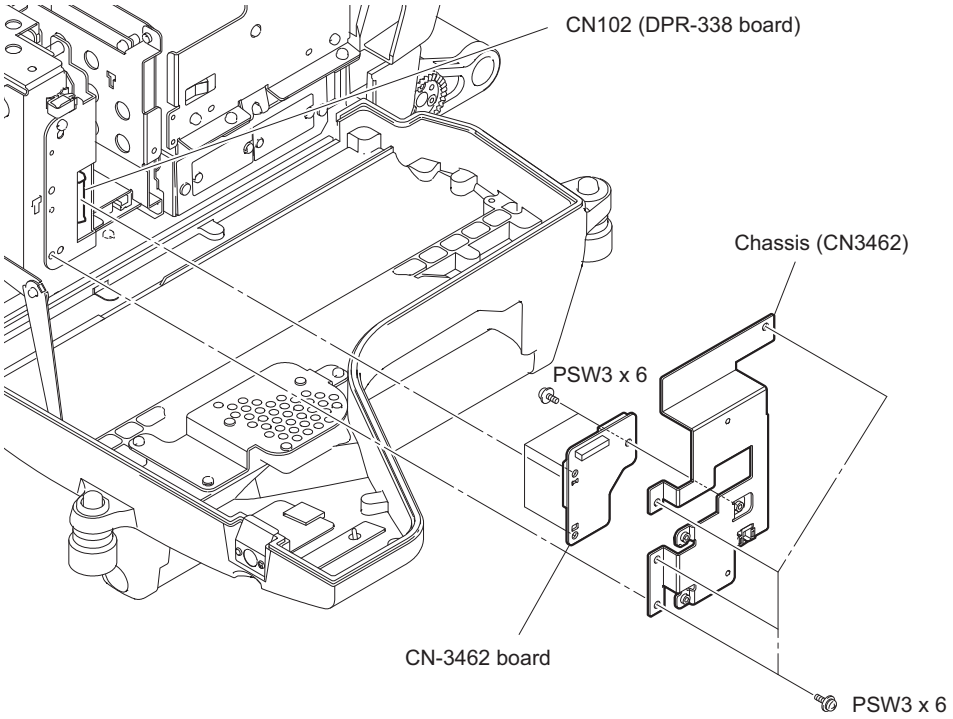
1. Remove the right side cover. (Refer to"2-3. Opening the Side Cover Assembly".)

Procedure

1. Disconnect the harness from the connector (CN801) on the CN-3462 board.
2. Remove the harness from the lock edge saddle.



3. Remove the four screws and remove the chassis (CN3462) and CN-3462 board from the connector (CN102) on the DPR-338 board.
4. Remove the three screws to detach the CN-3462 board.



5. Install the removed parts by reversing the steps of removal.

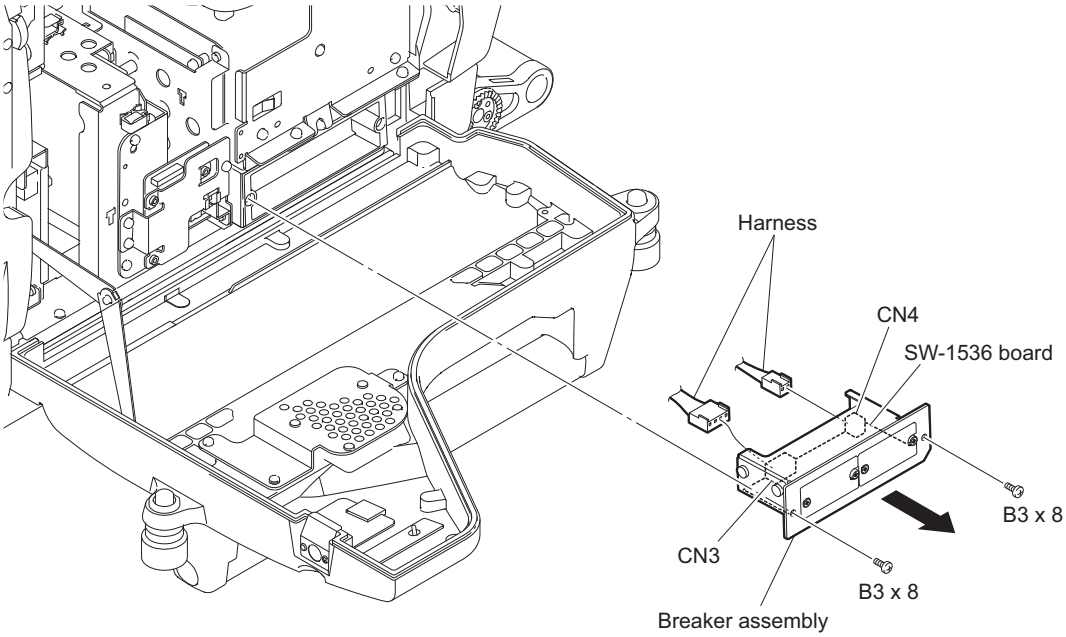
2-8. SW-1536 Board

Preparation

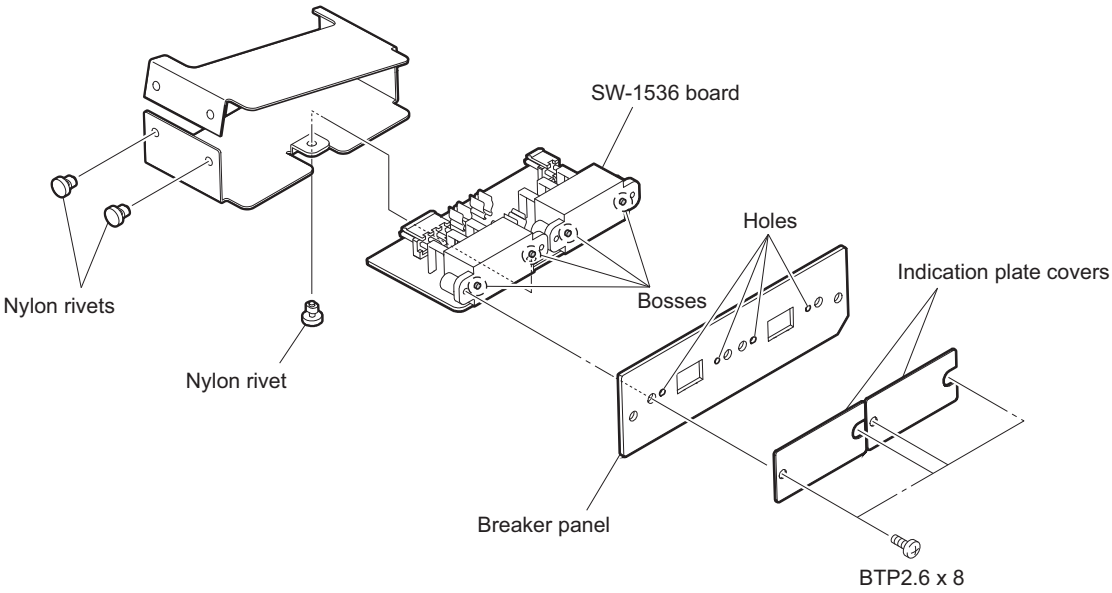
1. Open the right side cover. (Refer to"2-3. Opening the Side Cover Assembly".)

Procedure

1. Remove the two screws and pull out the breaker assembly to the arrow.
2. Disconnect the two harnesses from the two connectors (CN3, CN4) on the SW-1536 board.



3. Remove the four screws to detach the two indication plate covers and breaker panel.
4. Remove the three nylon rivets to detach the SW-1536 board.



Note

When installing the breaker panel, fit the four bosses with the four holes.

5. Install the removed parts by reversing the steps of removal.

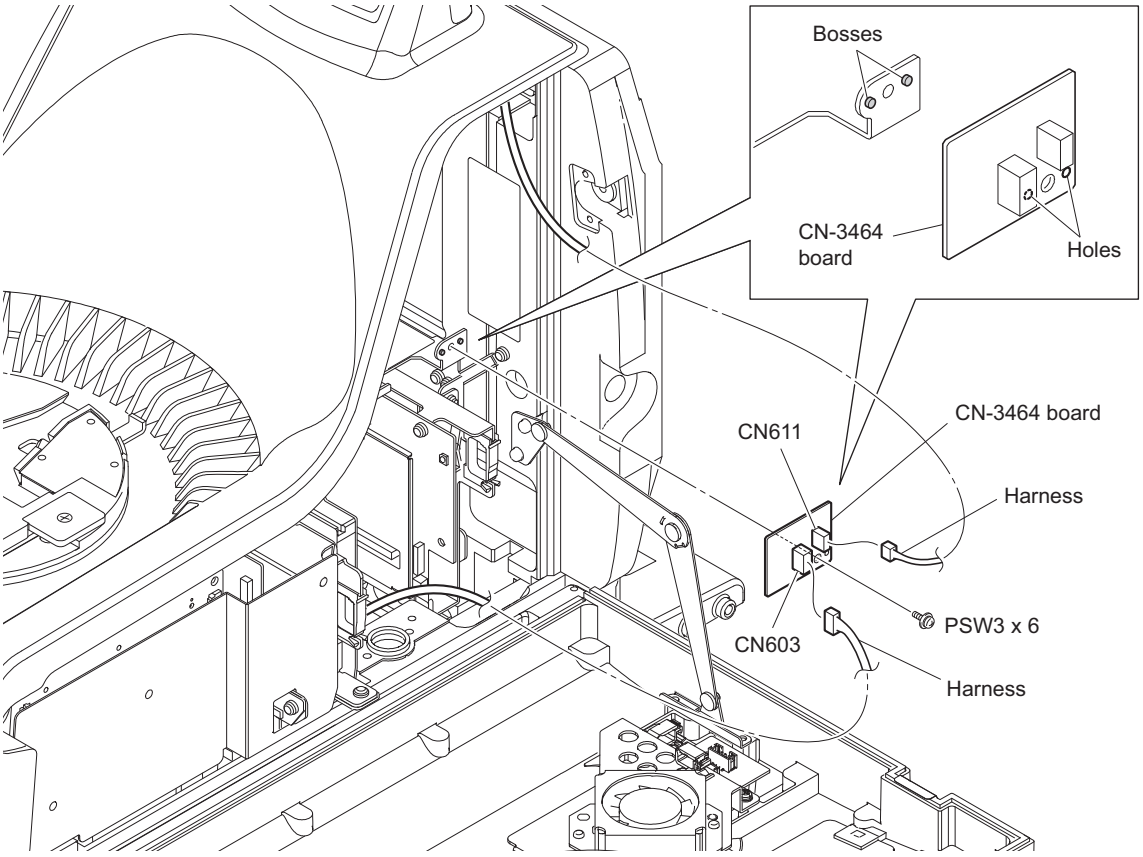
2-9. CN-3464 Board

Preparation

1. Open the left side cover. (Refer to"2-3. Opening the Side Cover Assembly".)

Procedure

1. Disconnect the two harnesses from the two connectors (CN603, CN611) on the CN-3464 board.
2. Remove the screw to detach the CN-3464 board.



Note

When installing the CN-3464 board, fit the two bosses with the two holes.

3. Install the removed parts by reversing the steps of removal.

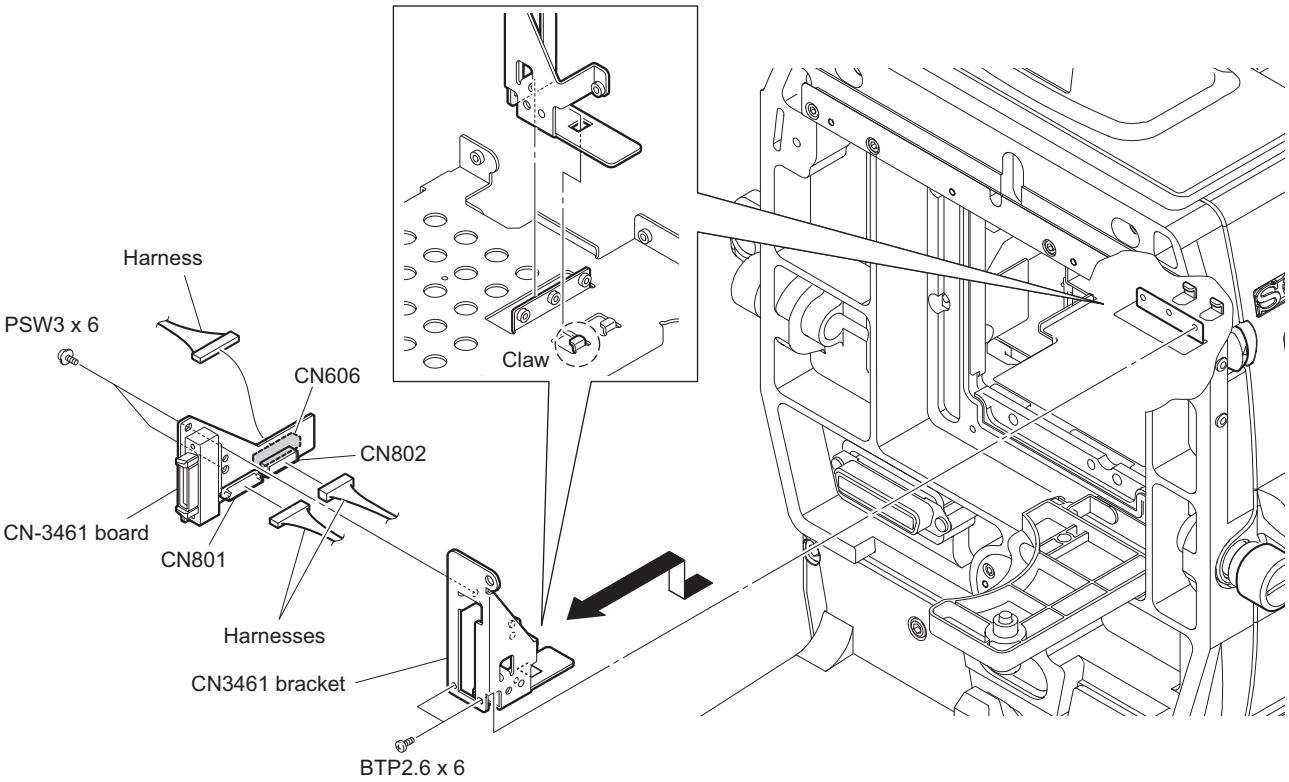
2-10. CN-3461 Board

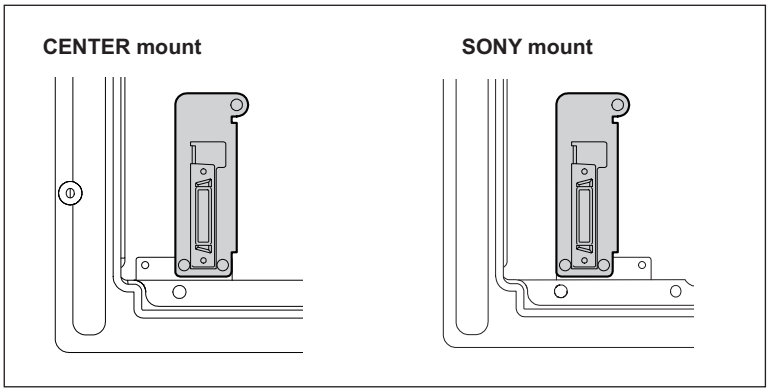
Preparation

1. Remove the OHB assembly. (Refer to "2-2. Front Assembly".)

Procedure

1. Remove the two screws (BTP2.6 x 6).
2. Remove the CN3461 bracket from the claw in the direction of the arrow.
3. Disconnect the three harnesses from the three connectors (CN606, CN801 and CN802) on the CN-3461 board.
4. Remove the two screws (PSW3 x 6) to detach the CN-3461 board.





5. Install the removed parts by reversing the steps of removal.

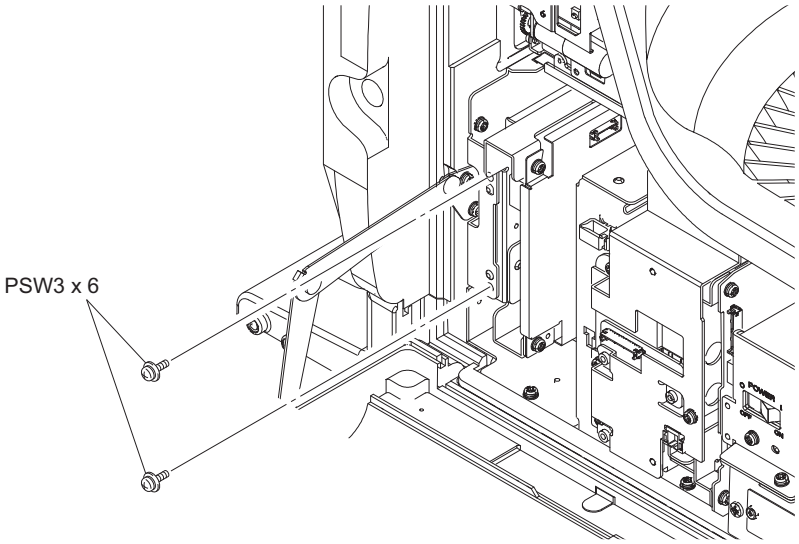
2-11. SDI-109 Board

Preparation

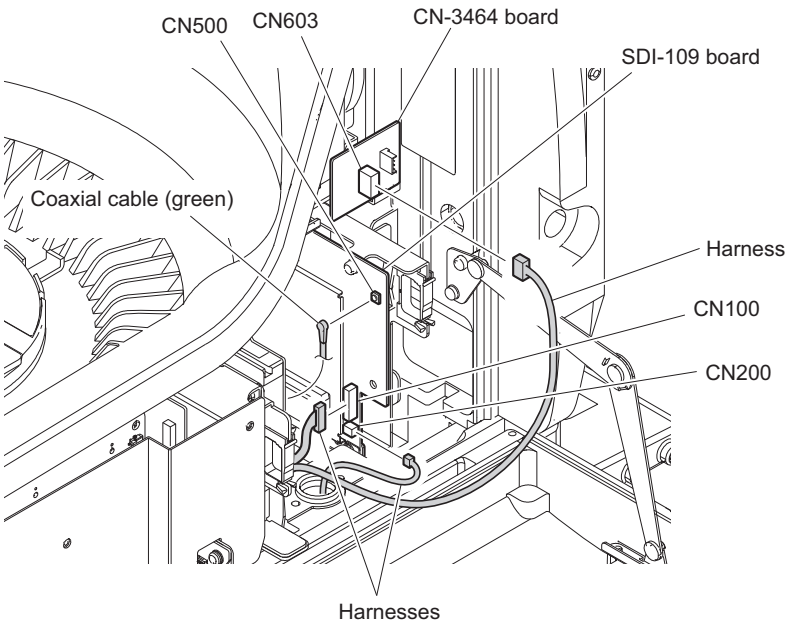
1. Open the right side cover assembly and left side cover assembly. (Refer to"2-3. Opening the Side Cover Assembly".)

Procedure

1. Remove the two screws.

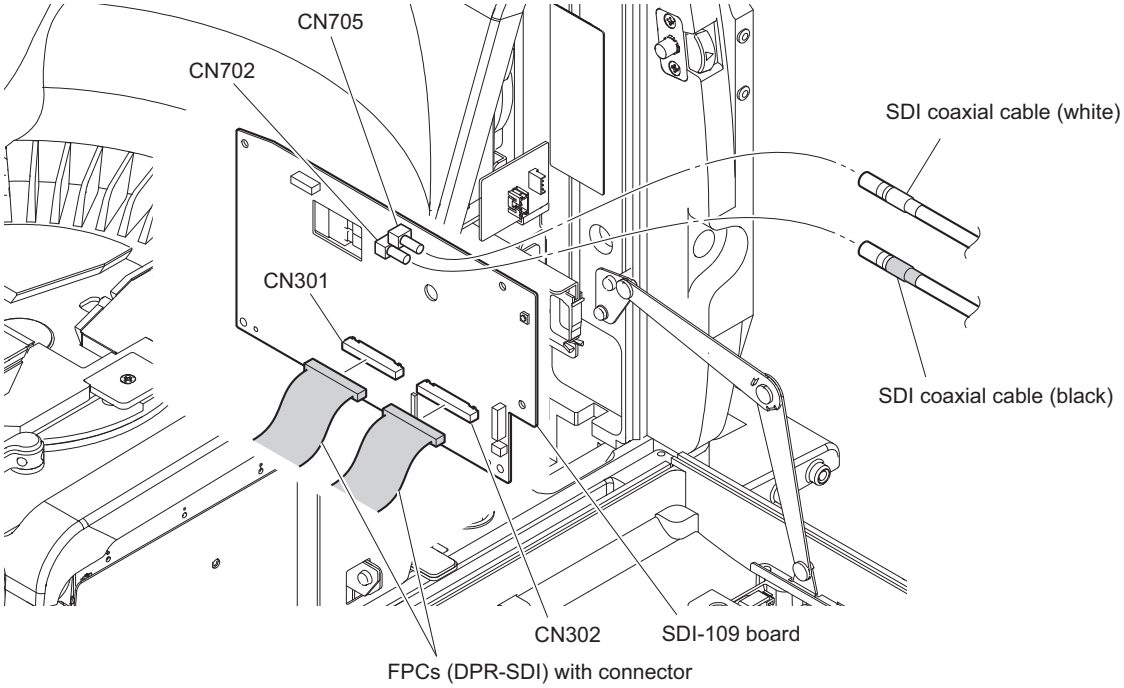


2. Disconnect the harness from the connector (CN603) on the CN-3464 board.
3. Disconnect the coaxial cable (green) from the connector (CN500) on the SDI-109 board.
4. Disconnect the two harnesses from the two connectors (CN100, CN200) on the SDI-109 board.



5. Disconnect the two FPCs (DPR-SDI) with connector from the two connectors (CN301, CN302) on the SDI-109 board.

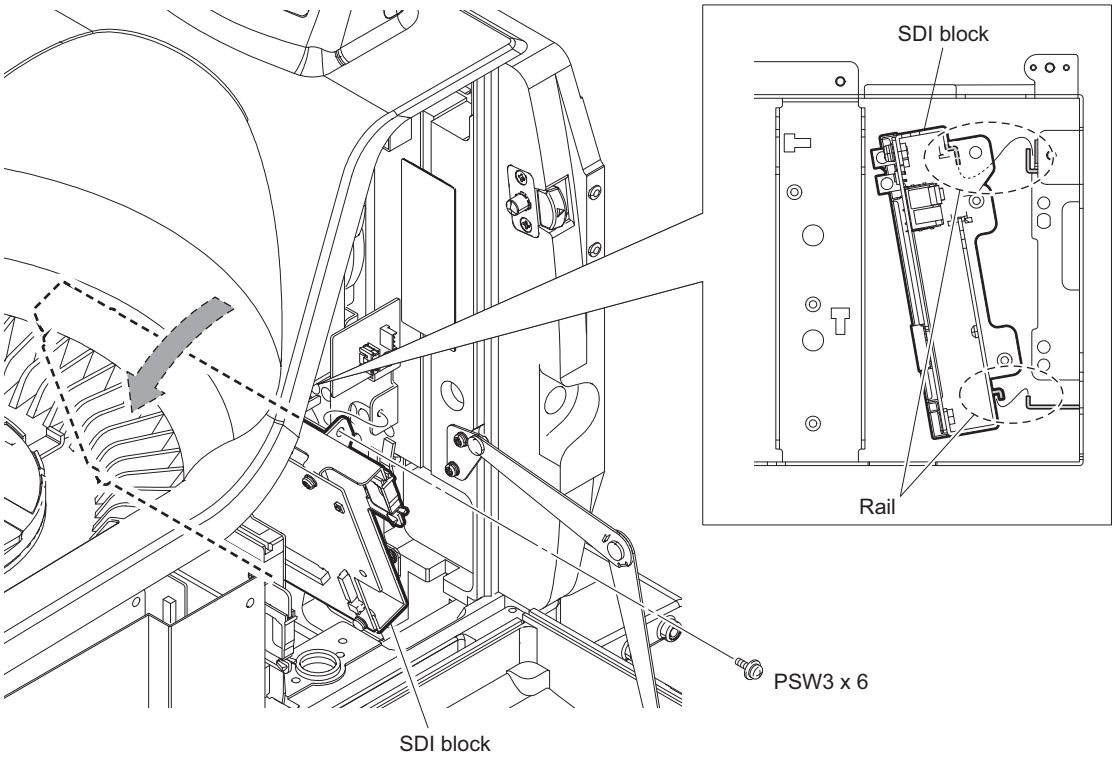
6. Disconnect the two SDI coaxial cables from the two connectors (CN702, CN705) on the SDI-109 board.



Note

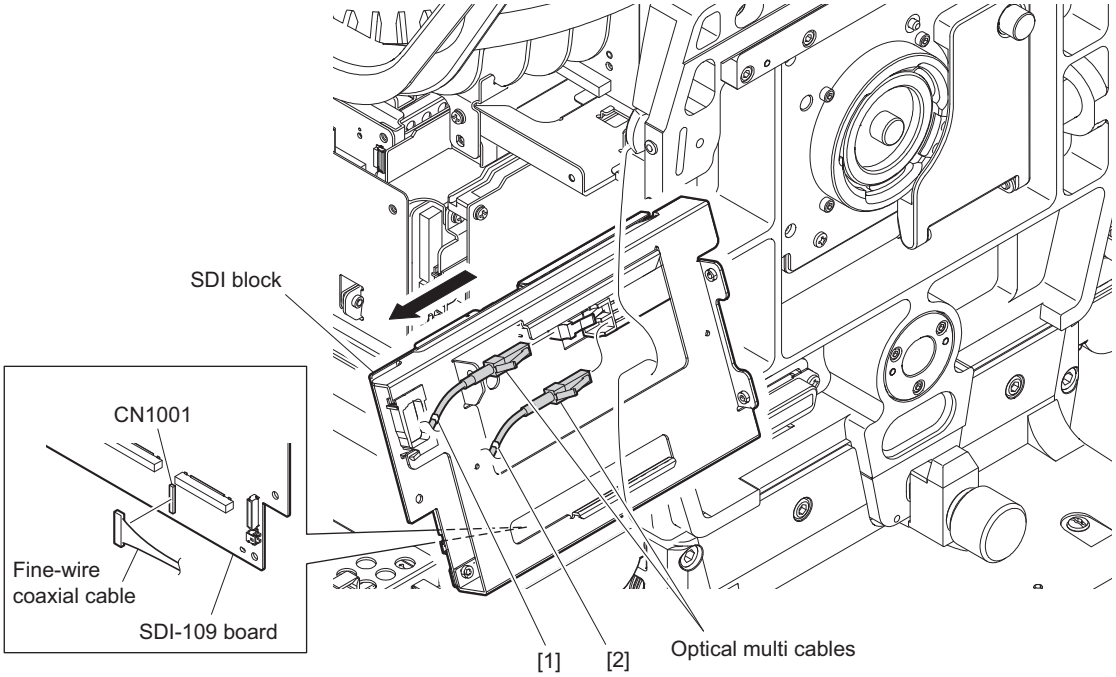
Install the SDI coaxial cable carefully paying attention to the color of cable.

7. Remove the screw.
8. Remove the SDI block from the rail and move it in the direction of the arrow.



9. Pull out the SDI block in the direction of the arrow and disconnect the two optical multi cables.

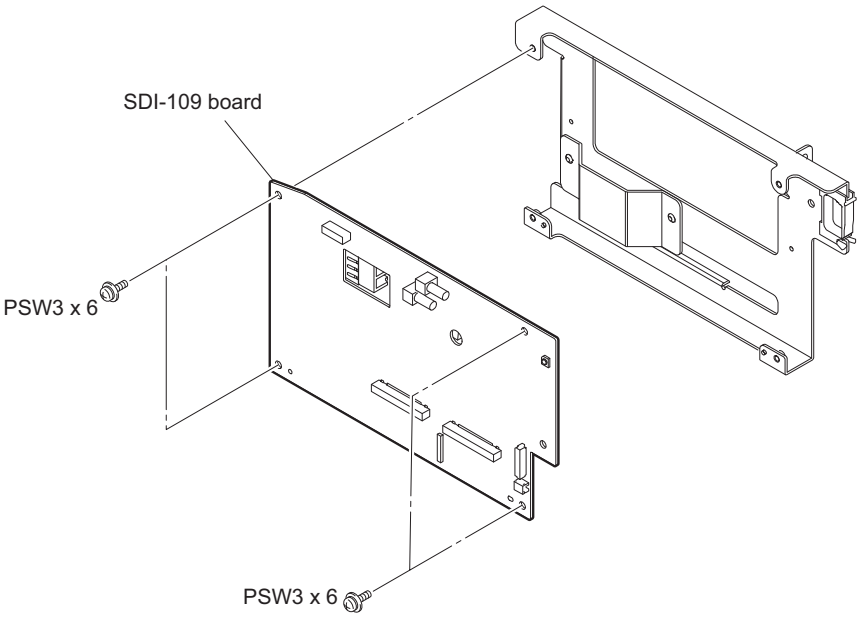
10. Disconnect the fine-wire coaxial cable from the connector (CN1001) on the SDI-109 board and remove the SDI block.



Note

Install the optical multi cable carefully paying attention to the number of the cable.

11. Remove the four screws to detach the SDI-109 board.



12. Install the removed parts by reversing the steps of removal.

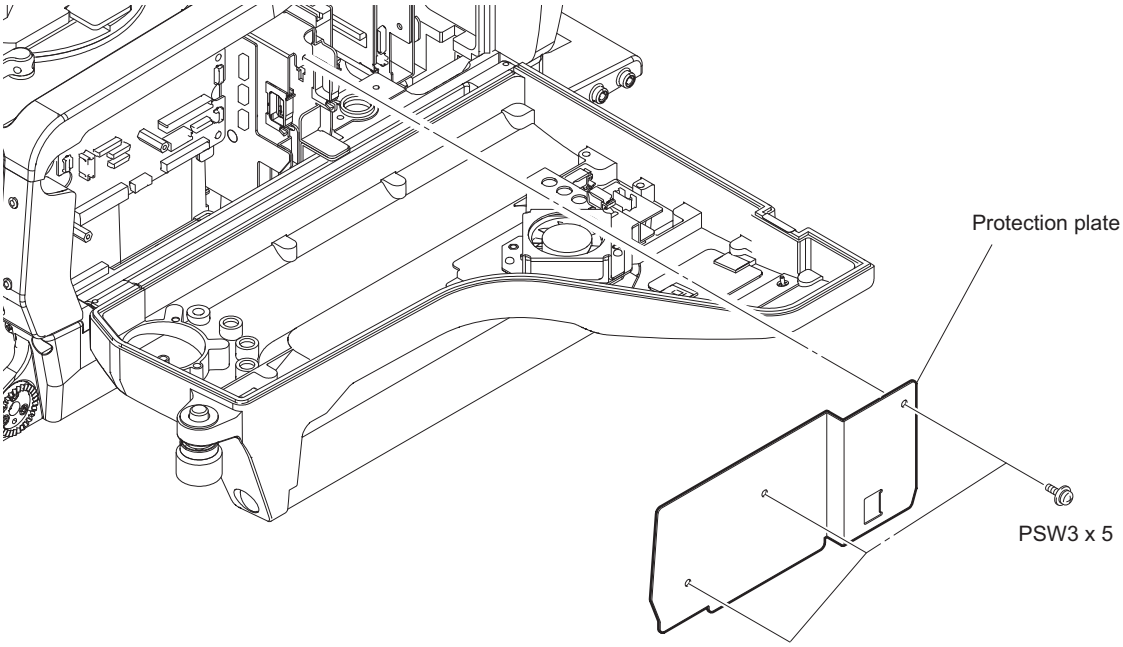
2-12. CN-3456 Board

Preparation

1. Open the left side cover assembly. （Refer to"2-3. Opening the Side Cover Assembly"）

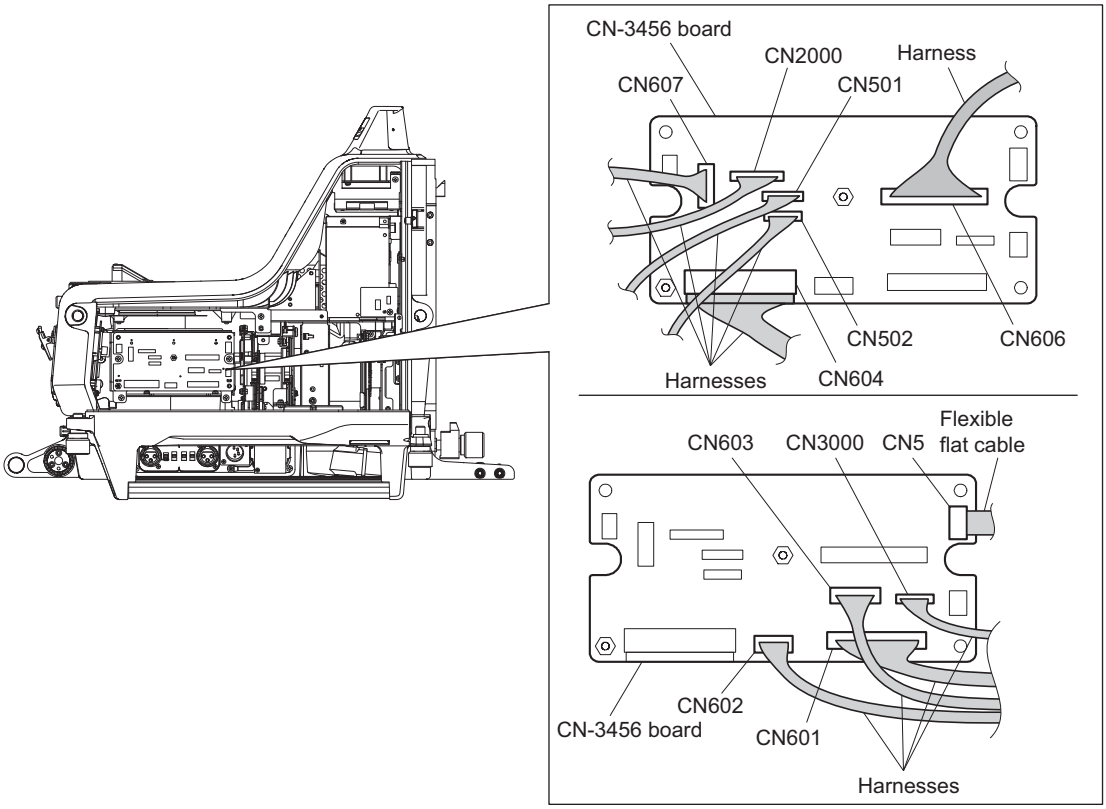
Procedure

1. Remove the three screws to detach the protection plate.

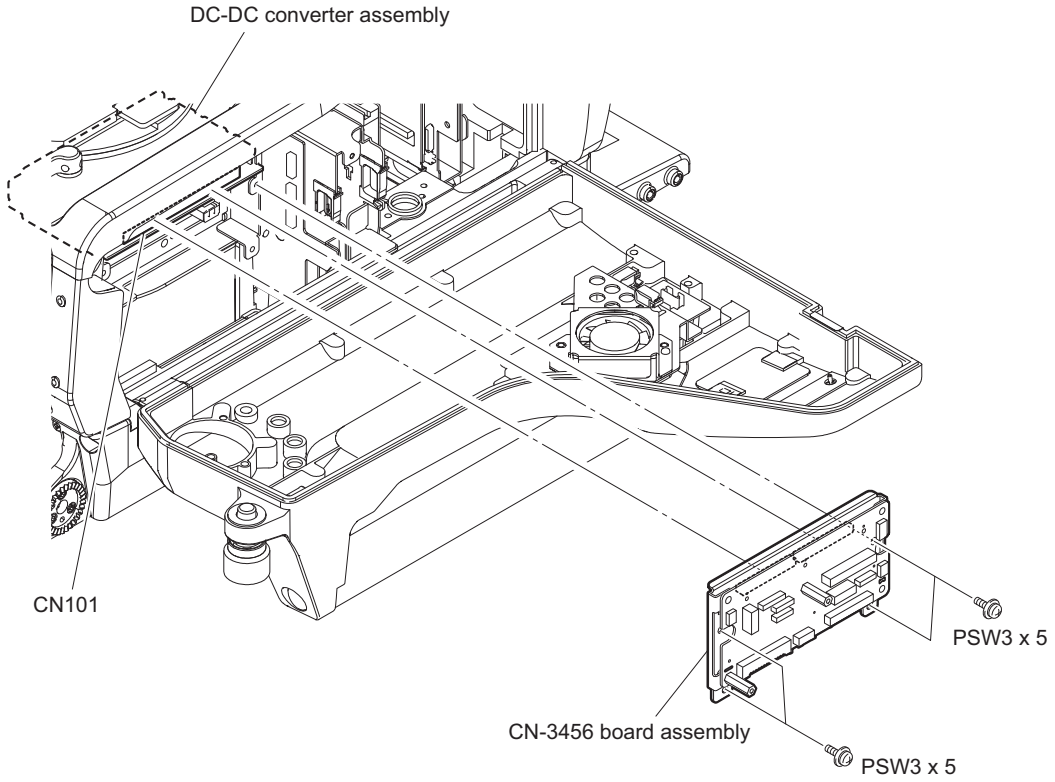


2. Disconnect the six harnesses from the six connectors (CN501, CN502, CN604, CN606, CN607 and CN2000) on the CN-3456 board.

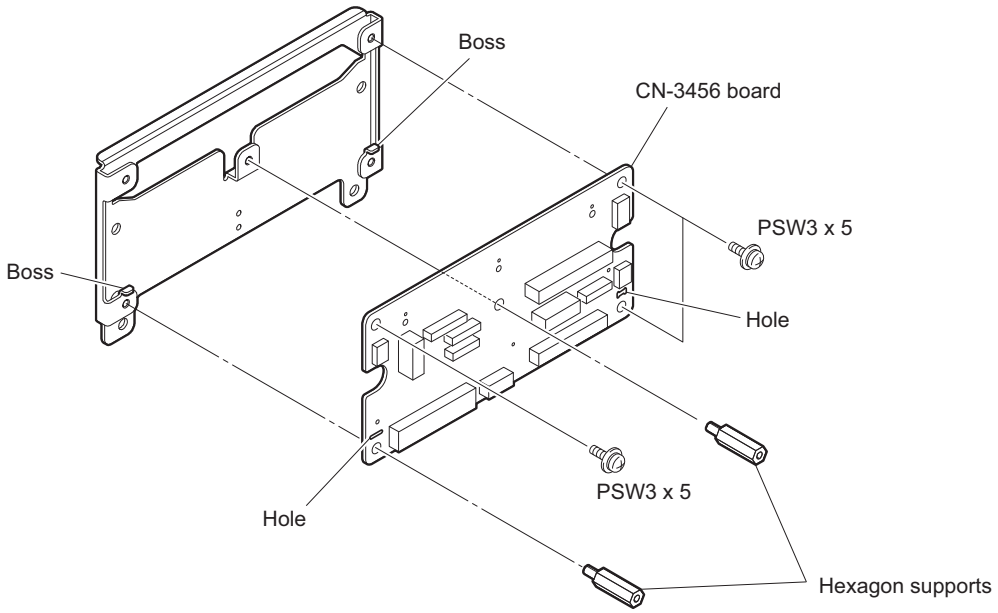
3. Disconnect the flexible flat cable and four harnesses from the five connectors (CN5, CN601, CN602, CN603 and CN3000) on the CN-3456 board.



4. Remove the four screws and disconnect the CN-3456 board assembly from the connector (CN101) on the DC-DC converter assembly.



5. Remove the two hexagon supports and three screws to detach the CN-3456 board.



Note

When installing the CN-3456 board, fit the two bosses with the two holes.

6. Install the removed parts by reversing the steps of removal.

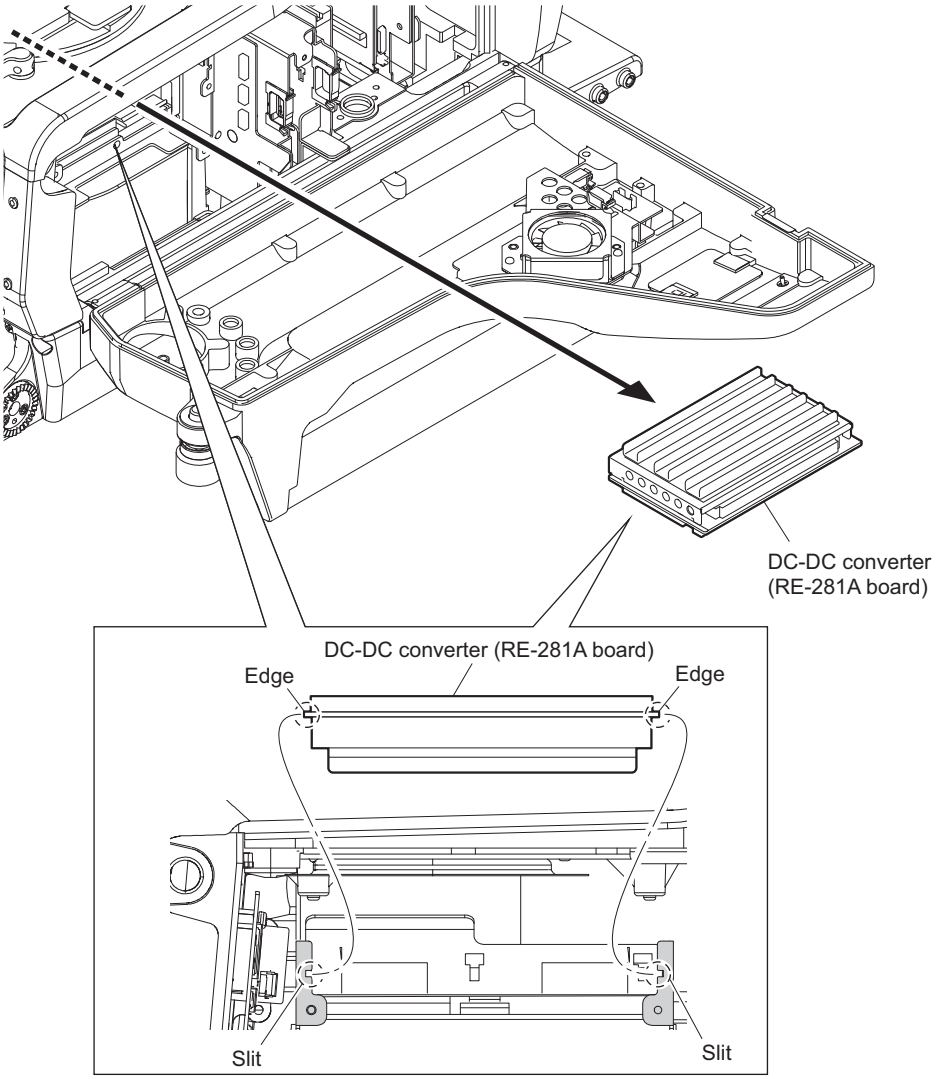
2-13. DC-DC Converter (RE-281A Board)

Preparation

1. Open the left side cover. (Refer to"2-3. Opening the Side Cover Assembly".)
2. Remove the CN-3456 board assembly. (Refer to"2-12. CN-3456 Board".)

Procedure

1. Remove the DC-DC converter (RE-281A board) in the direction of the arrow.



Note

When installing the DC-DC converter (RE-281A board), fit the two edges with the two slits.

2. Install the removed parts by reversing the steps of removal.

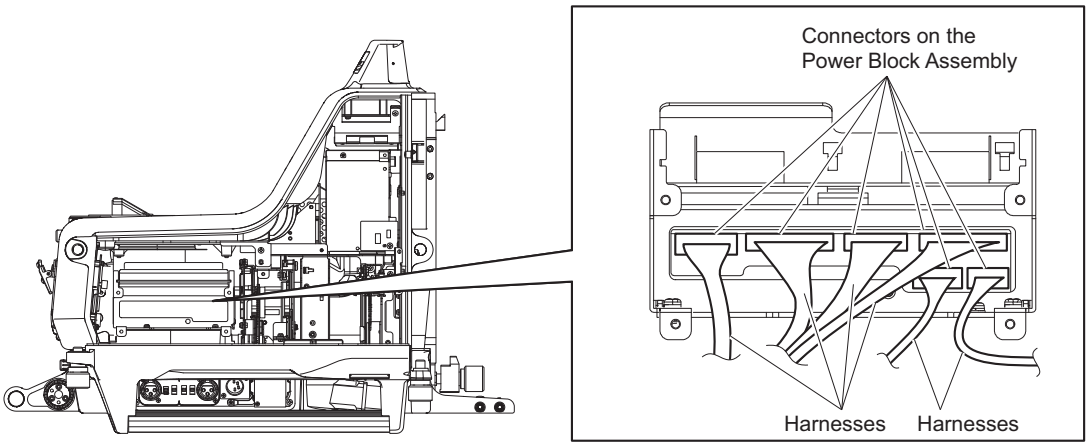
2-14. Power Block Assembly (PS-817A Board/PS-818A Board)

Preparation

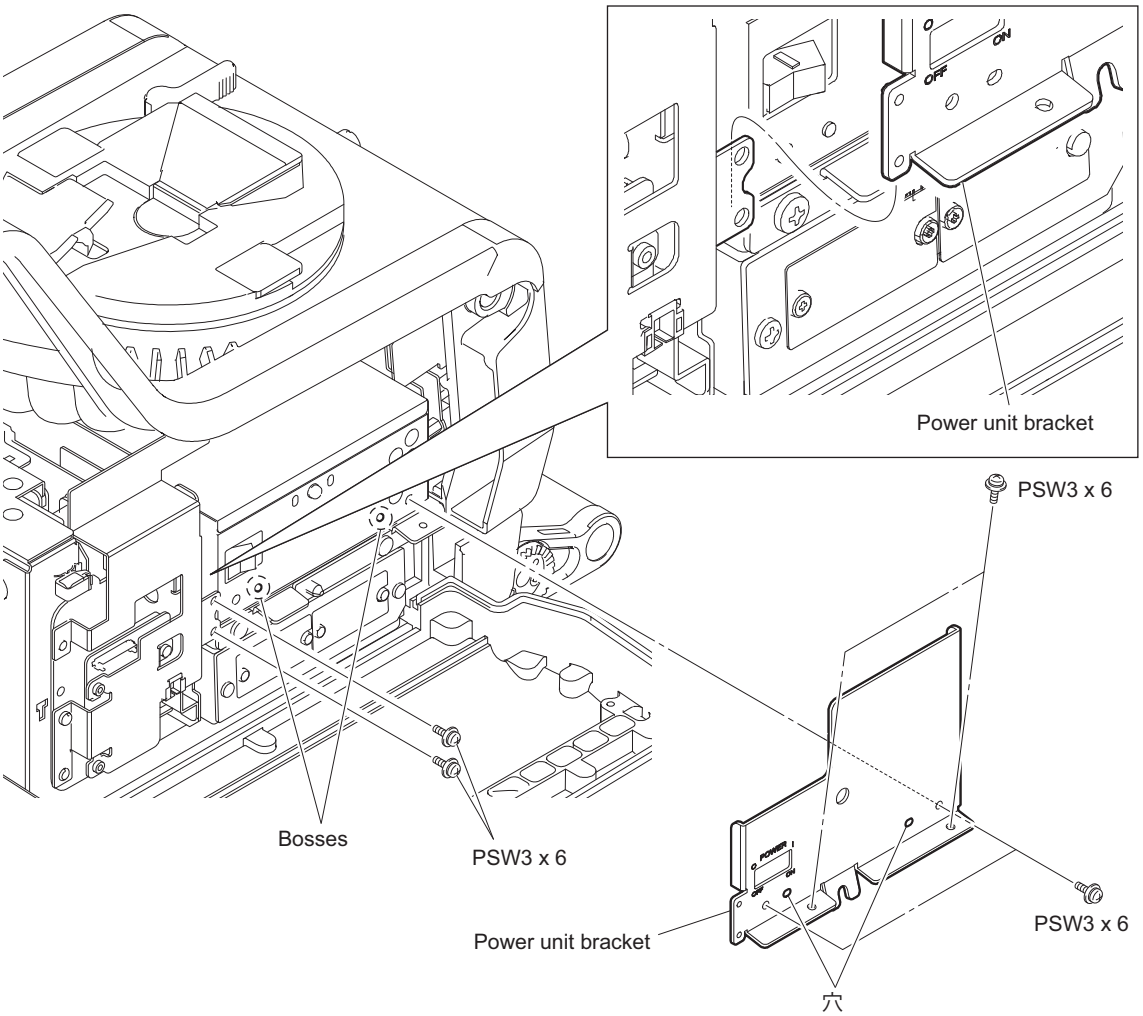
1. Open the left side cover assembly/right side cover assembly. (Refer to “2-3. Opening the Side Cover Assembly”.)
2. Remove the CN-3456 board. (Refer to“2-12. CN-3456 Board”.)

Procedure

1. Disconnect the six harnesses from the six connectors on the power block assembly.



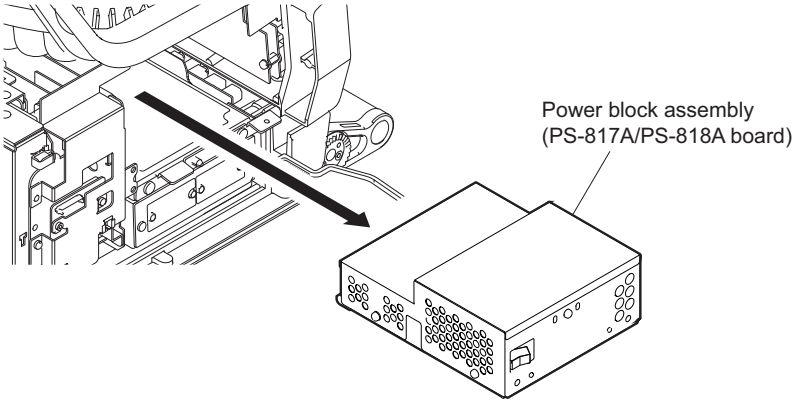
2. Remove the six screws to detach the power unit bracket.



Note

When installing the power unit bracket, fit the two bosses with the two holes.

3. Remove the power block assembly in the direction of the arrow.

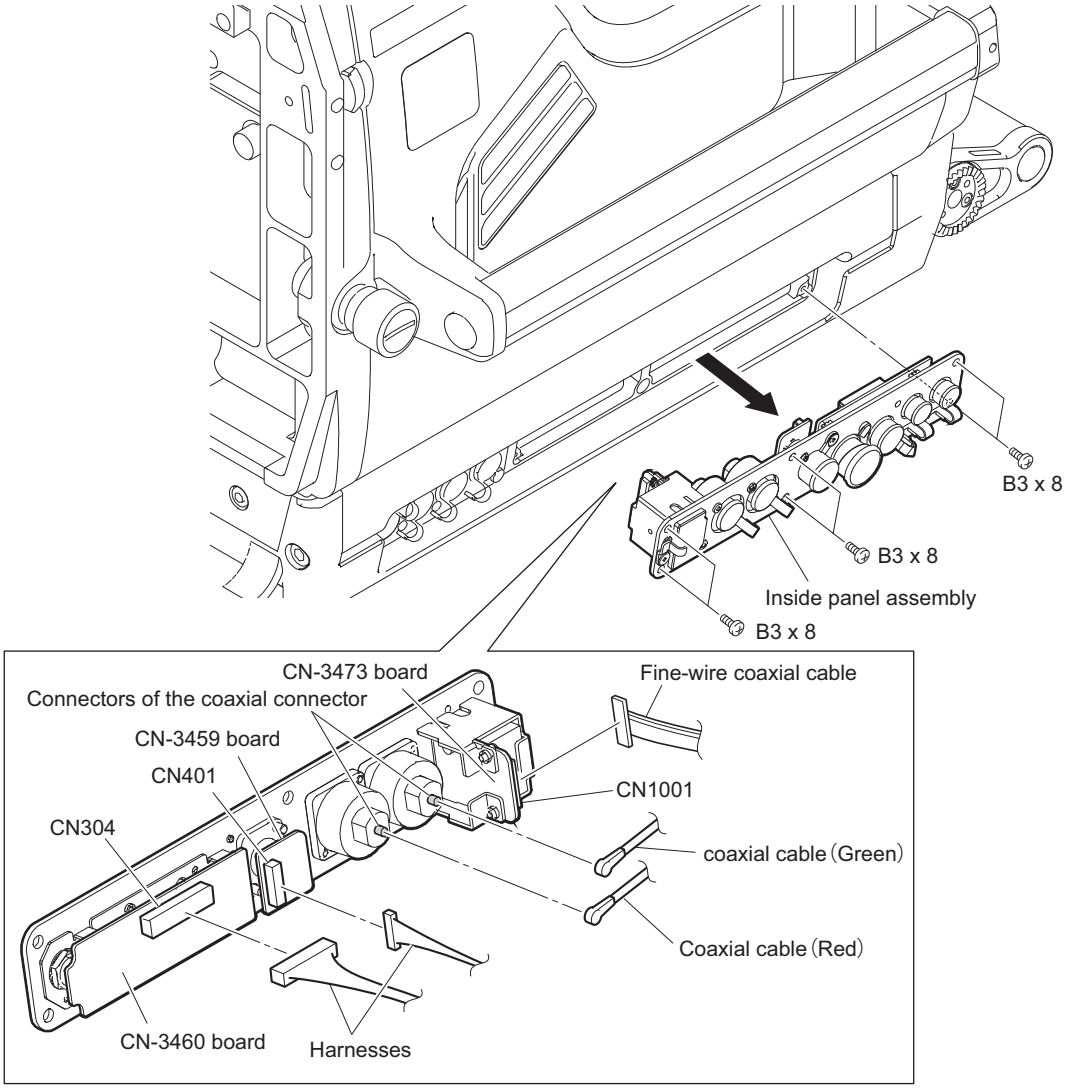


4. Install the removed parts by reversing the steps of removal.

2-15. Inside Panel Block

Procedure

1. Remove the six screws and pull out the inside panel assembly in the direction of the arrow.
2. Disconnect the fine-wire coaxial cable from the connector (CN1001) on the CN-3473 board.
3. Disconnect the two coaxial cables from the two coaxial connectors.
4. Disconnect the harness from the connector (CN401) on the CN-3459 board.
5. Disconnect the harness from the connector (CN304) on the CN-3460 board.



Note

Install the coaxial cable carefully paying attention to the color of the cable.

6. Install the removed parts by reversing the steps of removal.

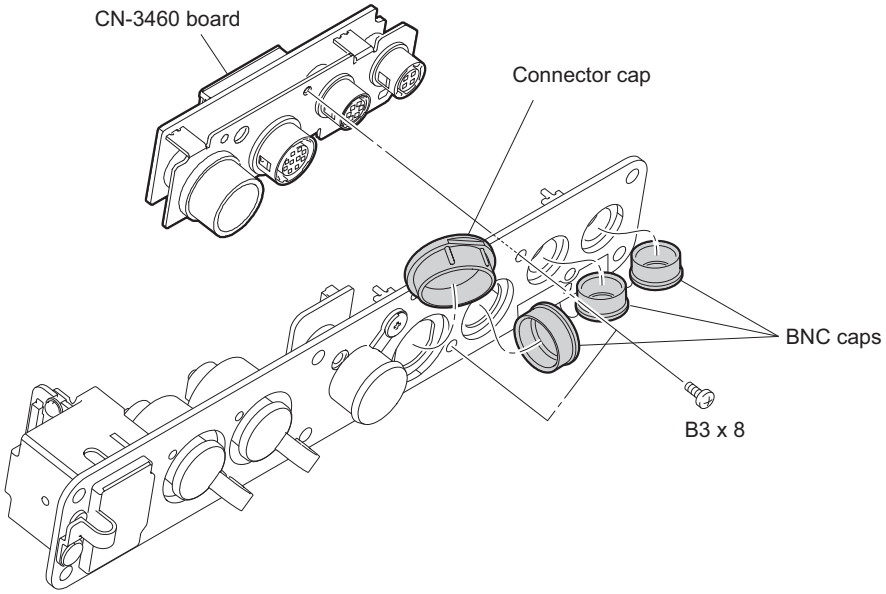
2-15-1. CN-3460 Board

Preparation

1. Remove the inside panel block. (Refer to"2-15. Inside Panel Block".)

Procedure

1. Remove the three BNC caps and connector cap.
2. Remove the two screws to detach the CN-3460 board.



3. Install the removed parts by reversing the steps of removal.

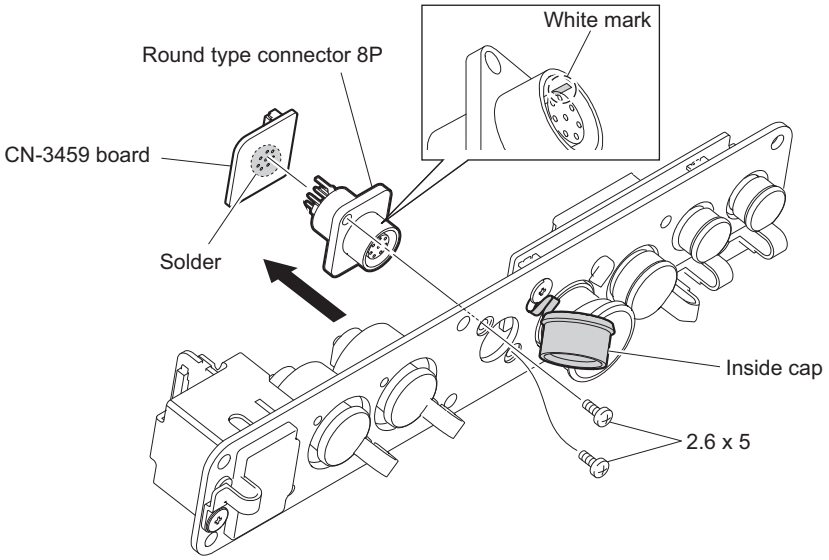
2-15-2. CN-3459 Board

Preparation

1. Remove the inside panel block. (Refer to"2-15. Inside Panel Block".)

Procedure

1. Open the inside cap.
2. Remove the two screws to detach the round type connector 8P in the direction of the arrow.
3. Remove the solder to detach the CN-3459 board.



Note

When installing the round type connector 8P, attach it with the white mark facing up.

4. Install the removed parts by reversing the steps of removal.

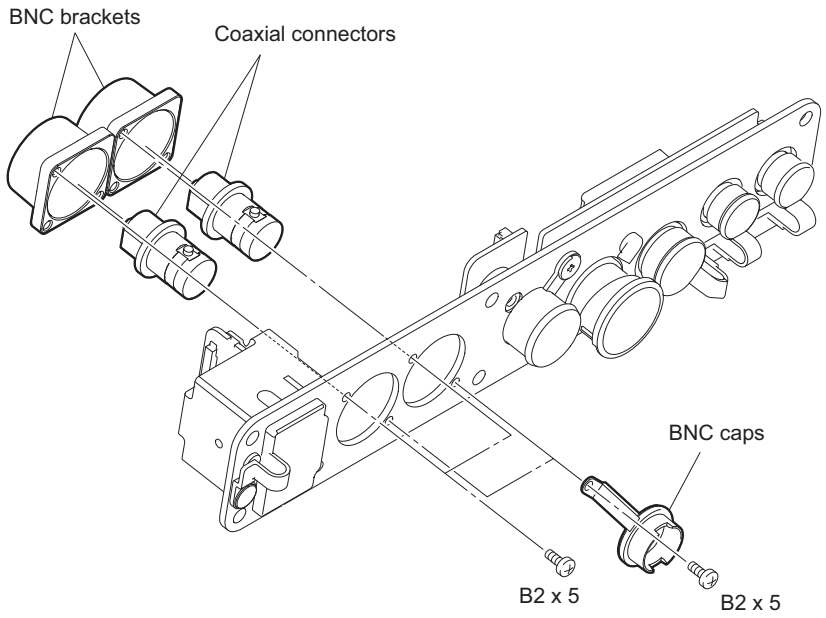
2-15-3. Coaxial Connector

Preparation

1. Remove the inside panel block. (Refer to"2-15. Inside Panel Block".)

Procedure

1. Remove the two screws to detach the two BNC caps.
2. Remove the two screws to detach the two BNC brackets and two coaxial connectors.



3. Install the removed parts by reversing the steps of removal.

2-15-4. CN-3473 Board

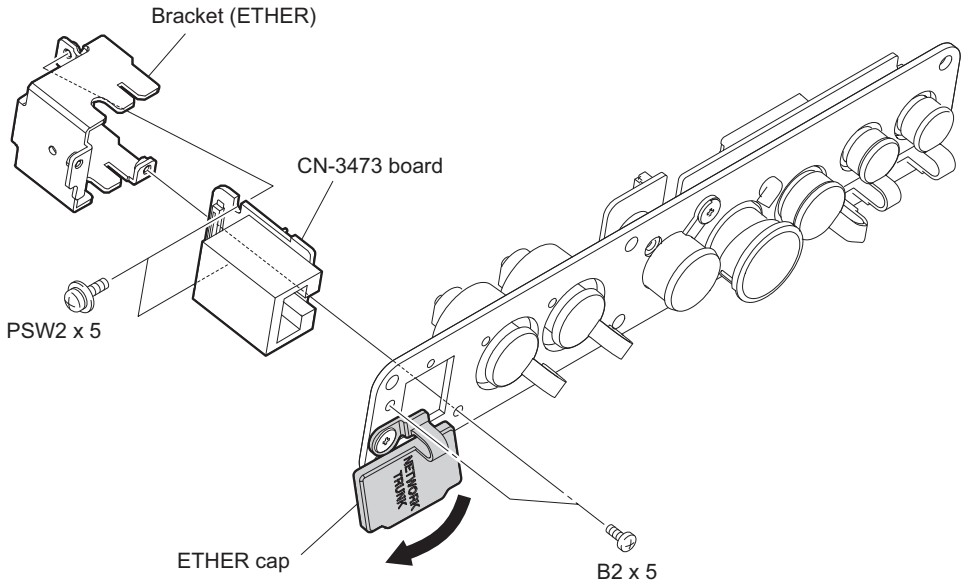
Preparation

1. Remove the inside panel block. (Refer to"2-15. Inside Panel Block".)

Procedure

1. Remove the ETHER cap in the direction of the arrow.
2. Remove the two screws to detach the bracket (ETHER).

3. Remove the two screws to detach the CN-3473 board.

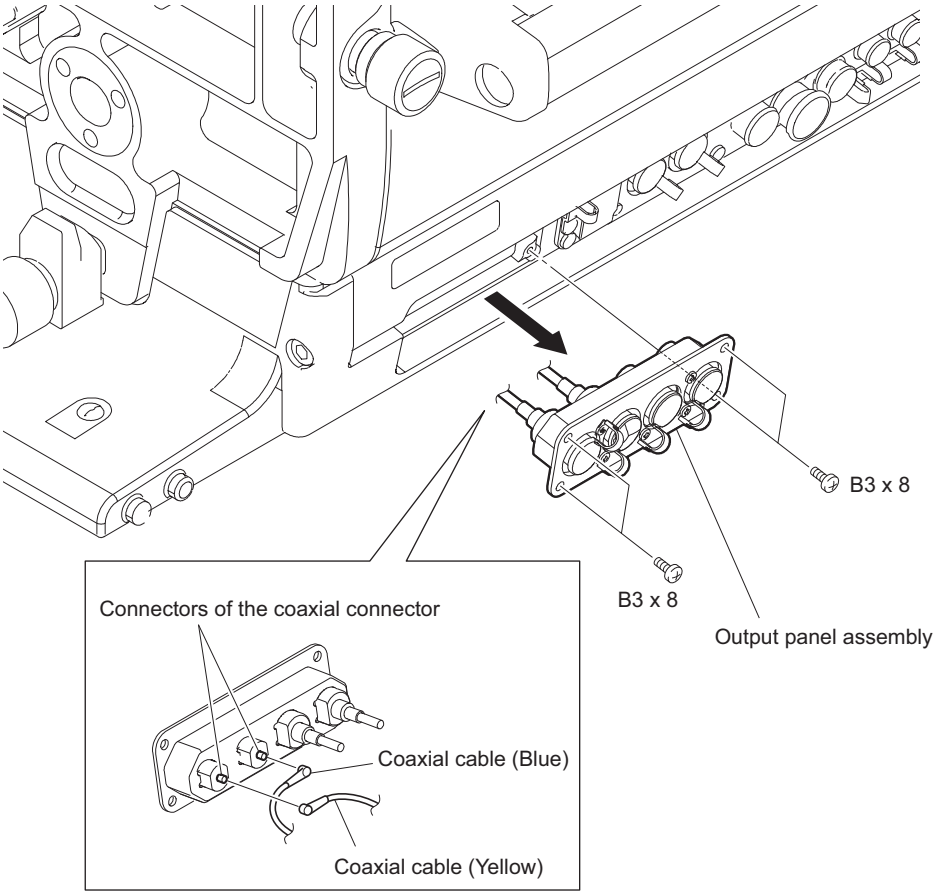


4. Install the removed parts by reversing the steps of removal.

2-16. Output Panel Assembly

Procedure

1. Remove the four screws and pull out the output panel assembly in the direction of the arrow.
2. Disconnect the two coaxial cables from the two connectors of the coaxial connectors.

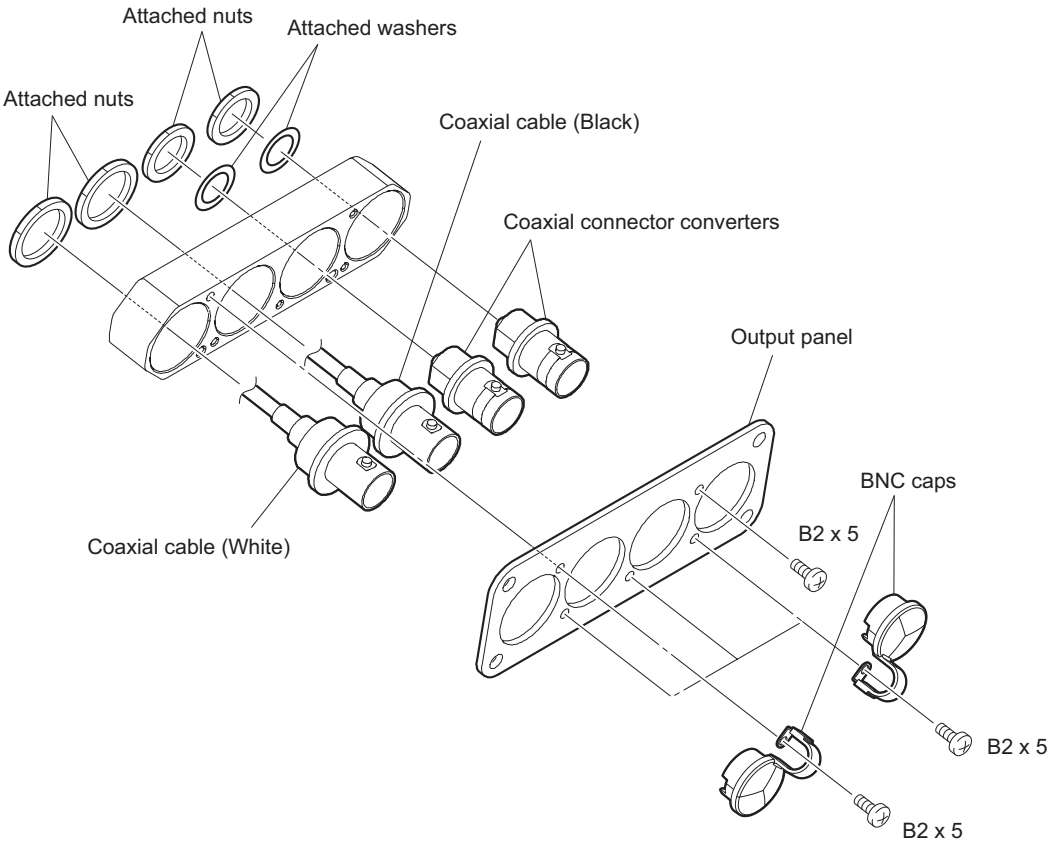


Note

Install the coaxial cable carefully paying attention to the color of the cable.

3. Remove the five screws to detach the four BNC caps and output panel.
4. Remove the two attached nuts and two attached washers to detach the two coaxial connector converters.

5. Remove the two attached nuts to detach the two coaxial cables.



Note

Install the coaxial cable carefully paying attention to the color of the cable.

6. Install the removed parts by reversing the steps of removal.

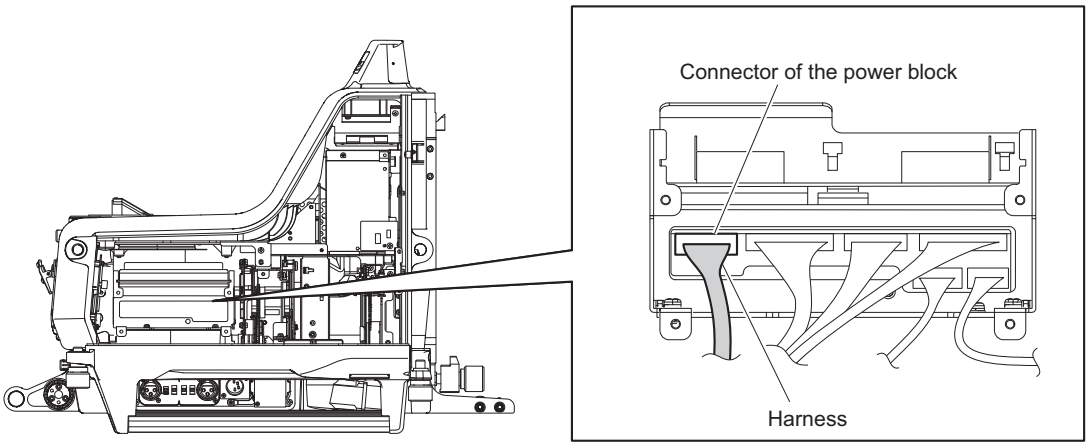
2-17. Out Side Panel Assembly

Preparation

1. Open the right side cover assembly. (Refer to"2-3. Opening the Side Cover Assembly".)
2. Remove the SW-1536 board. (Refer to"2-8. SW-1536 Board".)
3. Remove the CN-3456 board assembly. (Refer to"2-12. CN-3456 Board".)

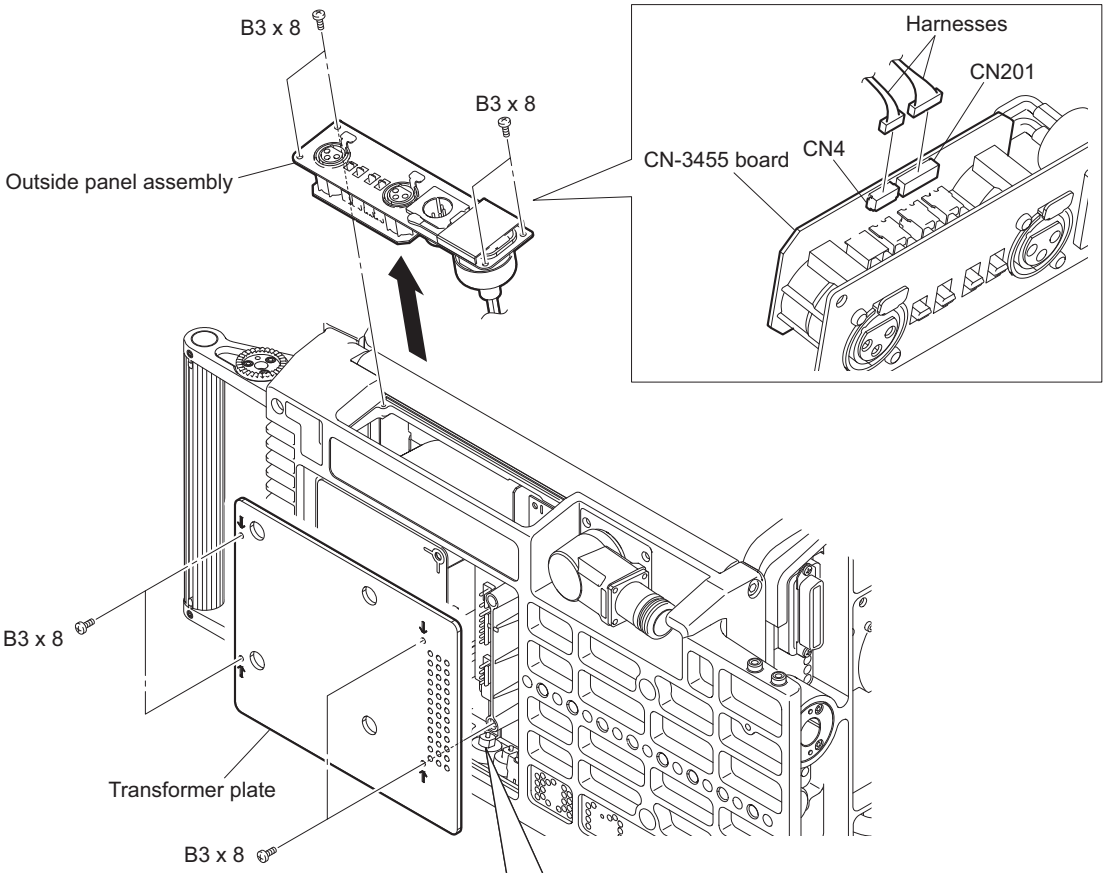
Procedure

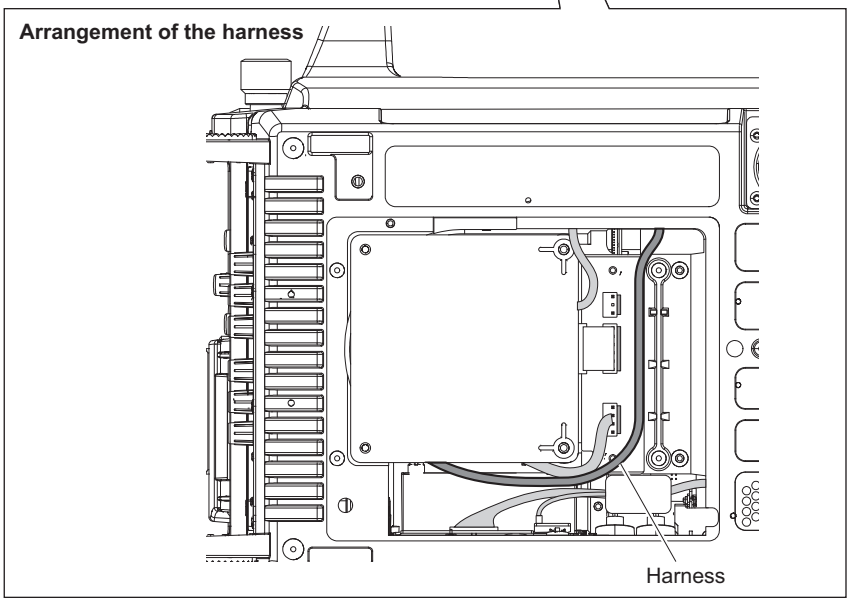
1. Disconnect the harness from the connector of the power block.



2. Remove the four screws to detach the transformer plate.
3. Remove the four screws to detach the outside panel assembly in the direction of the arrow.

4. Disconnect the two harnesses from the two connectors (CN4, CN201) on the CN-3455 board.





Note

When installing the outside panel assembly, arrange the harness as shown in the figure.

5. Install the removed parts by reversing the steps of removal.

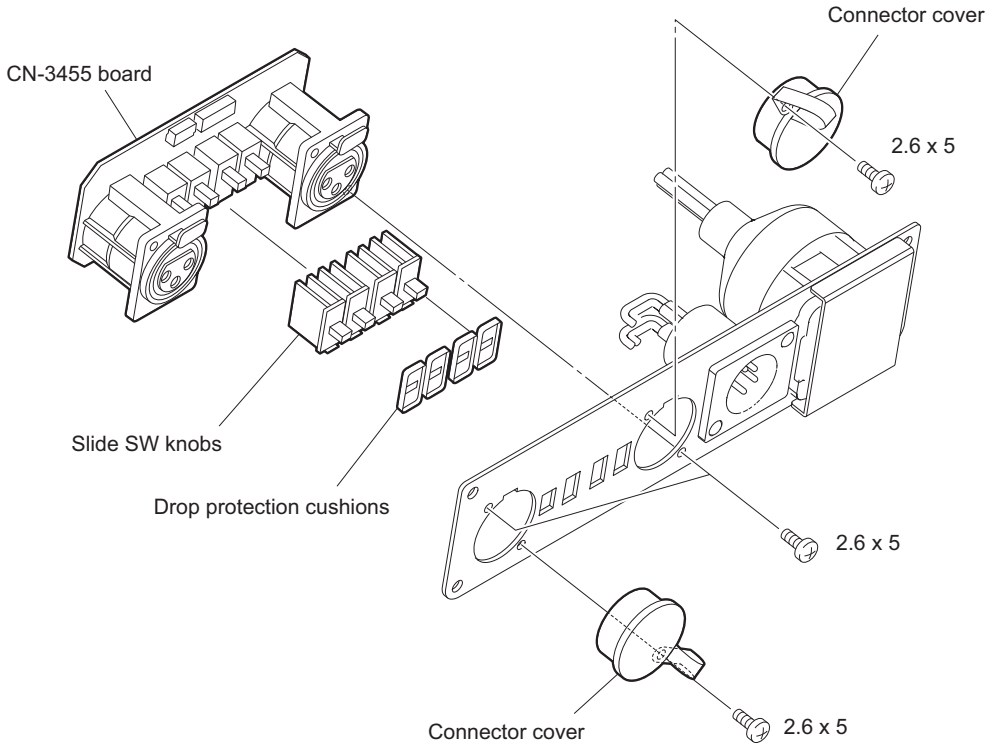
2-17-1. CN-3455 Board

Preparation

1. Open the right side cover assembly. (Refer to"2-3. Opening the Side Cover Assembly".)
2. Remove the SW-1536 board. (Refer to"2-8. SW-1536 Board".)
3. Remove the CN-3456 board. (Refer to"2-12. CN-3456 Board".)
4. Remove the outside panel assembly. (Refer to"2-17. Out Side Panel Assembly".)

Procedure

1. Remove the two screws to detach the two connector covers.
2. Remove the two screws to detach the CN-3455 board.
3. Remove the four drop protection cushions and four slide SW knobs.



4. Install the removed parts by reversing the steps of removal.

2-17-2. Harness (DC IN) Assembly/Harness (AC OUT)

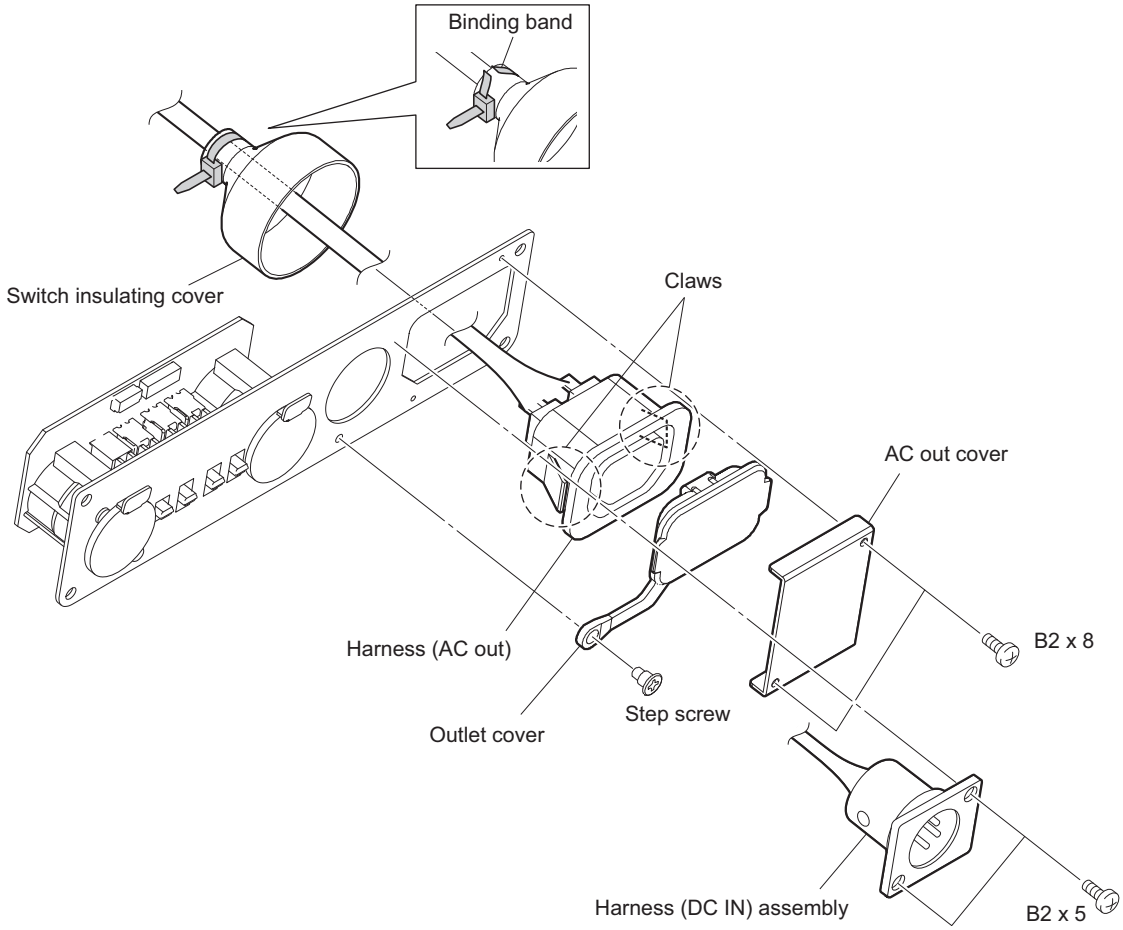
Preparation

1. Open the right side cover assembly. (Refer to"2-3. Opening the Side Cover Assembly".)
2. Remove the SW-1536 board. (Refer to"2-8. SW-1536 Board".)
3. Remove the CN-3456 board. (Refer to"2-12. CN-3456 Board".)
4. Remove the outside panel assembly. (Refer to"2-17. Out Side Panel Assembly".)

Procedure

1. Remove the two screws to detach the harness (DC IN) assembly.
2. Remove the two screws to detach the AC out cover.
3. Remove the step screw to detach the outlet cover.
4. Cut the binding band and remove the switch insulating cover.

5. Remove the two claws to detach the harness (AC out).

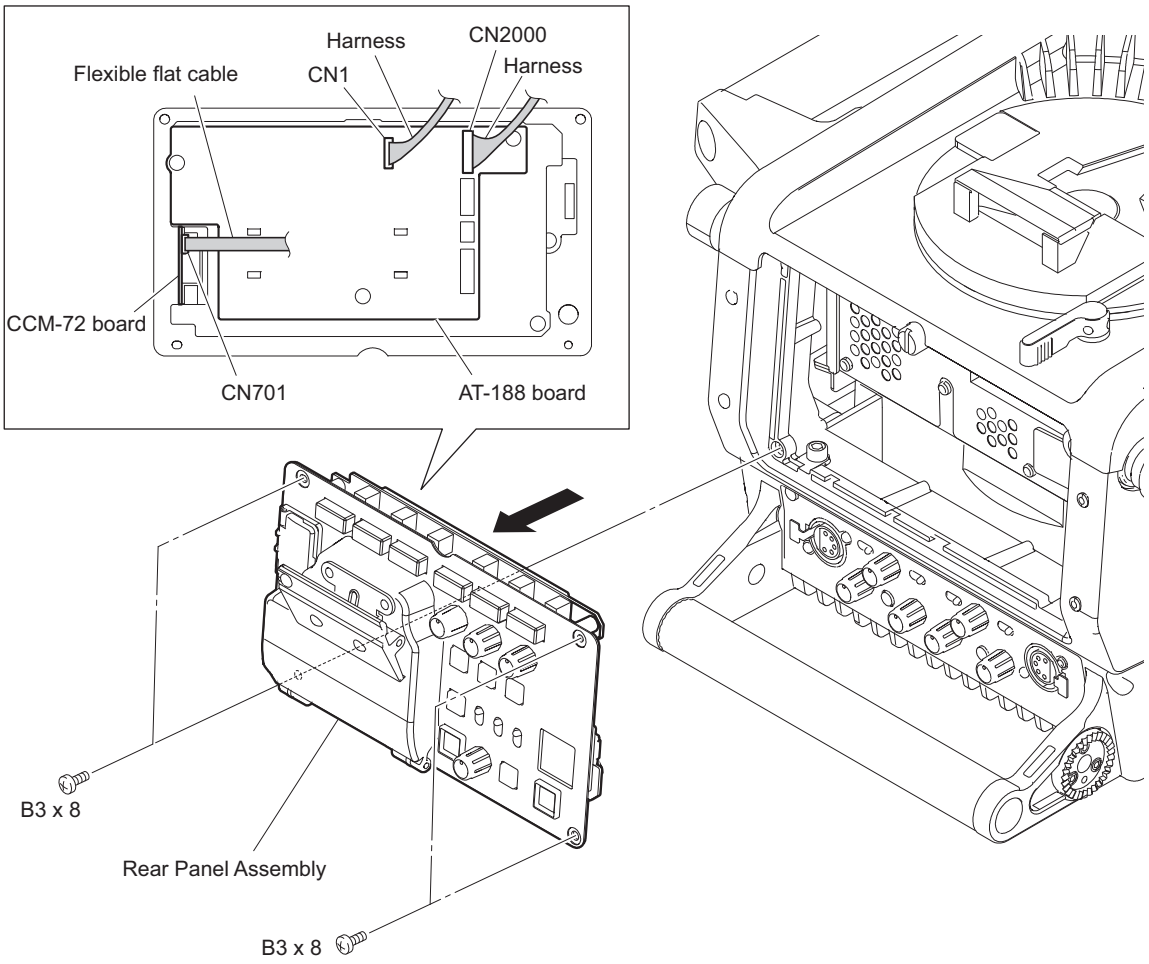


6. Install the removed parts by reversing the steps of removal.

2-18. Rear Panel Assembly

Procedure

1. Remove the four screws and pull out the rear panel assembly in the direction of the arrow.
2. Disconnect the flexible flat cable from the connector (CN701) on the CCM-72 board.
3. Disconnect the two harnesses from the connector (CN1, CN200) on the AT-188 board.



4. Install the removed parts by reversing the steps of removal.

2-18-1. CCM-72 Board

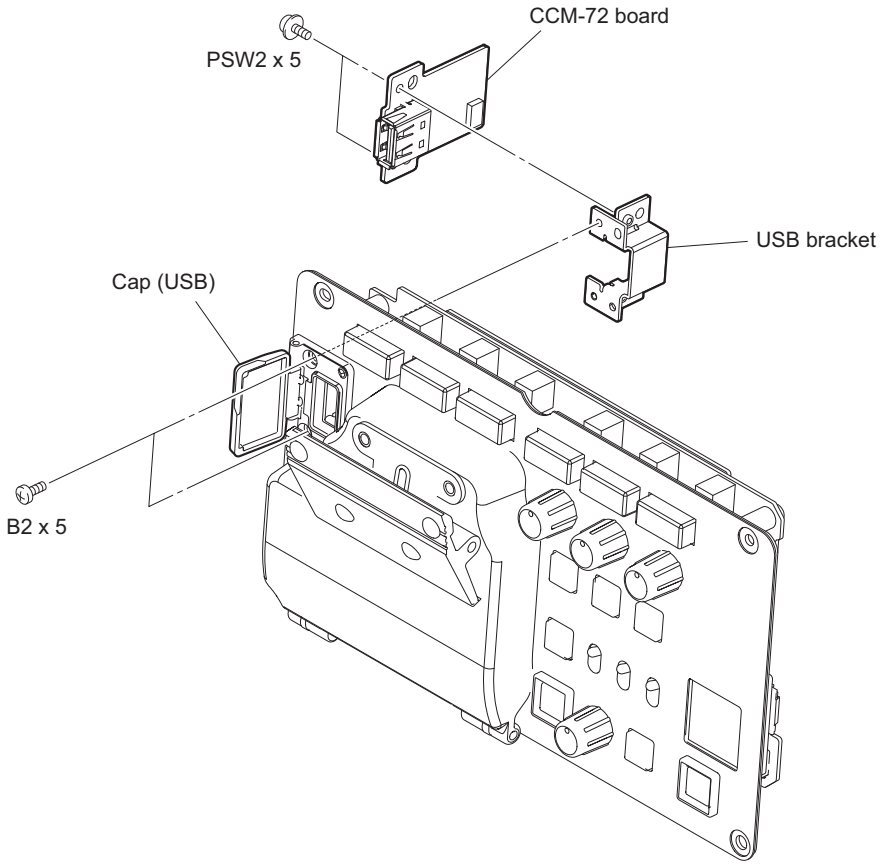
Preparation

1. Remove the rear panel assembly. (Refer to"2-18. Rear Panel Assembly".)

Procedure

1. Open the cap (USB).
2. Remove the two screws (B2 x 5) to detach the USB bracket.

3. Remove the two screws (PSW2 x 5) to detach the CCM-72 board.



4. Install the removed parts by reversing the steps of removal.

2-18-2. AT-188 Board

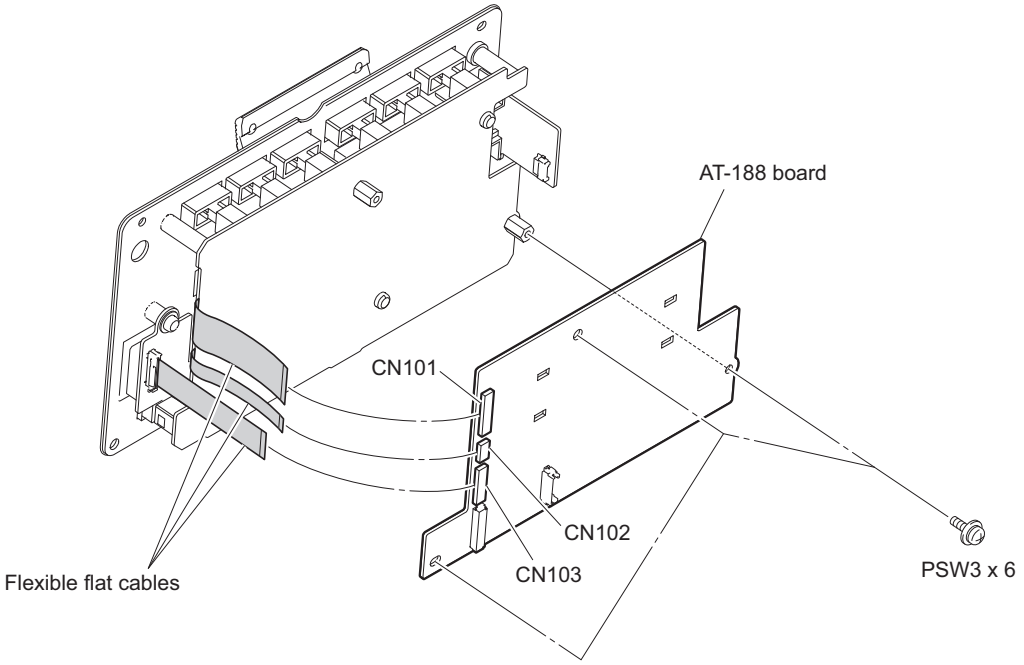
Preparation

1. Remove the rear panel assembly. (Refer to"2-18. Rear Panel Assembly".)

Procedure

1. Disconnect the three flexible flat cables from the connectors (CN101, CN102 and CN103) on the AT-188 board.

2. Remove the three screws to detach the AT-188 board.



3. Install the removed parts by reversing the steps of removal.

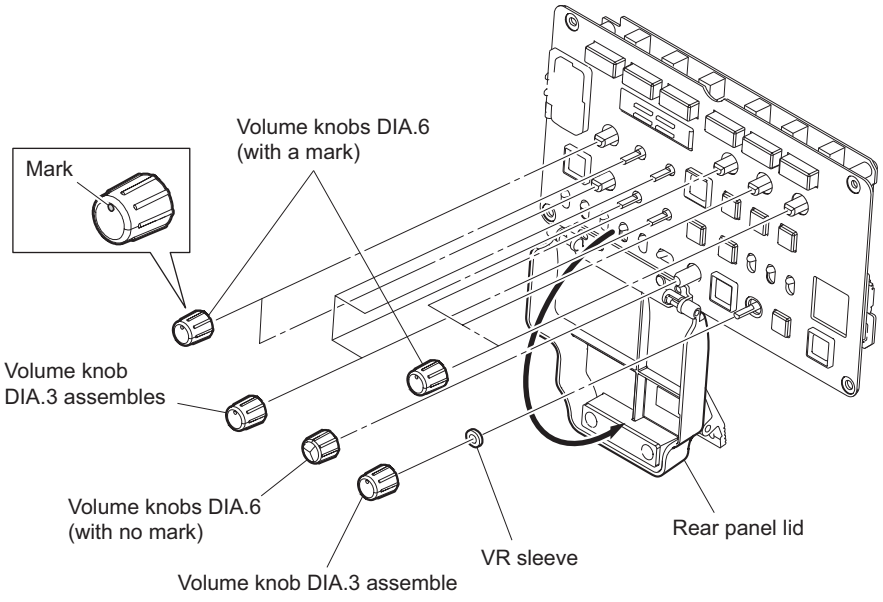
2-18-3. SW-1538 Board

Preparation

1. Remove the rear panel assembly. (Refer to"2-18. Rear Panel Assembly".)
2. Remove the AT-188 board. (Refer to"2-18-2. AT-188 Board".)

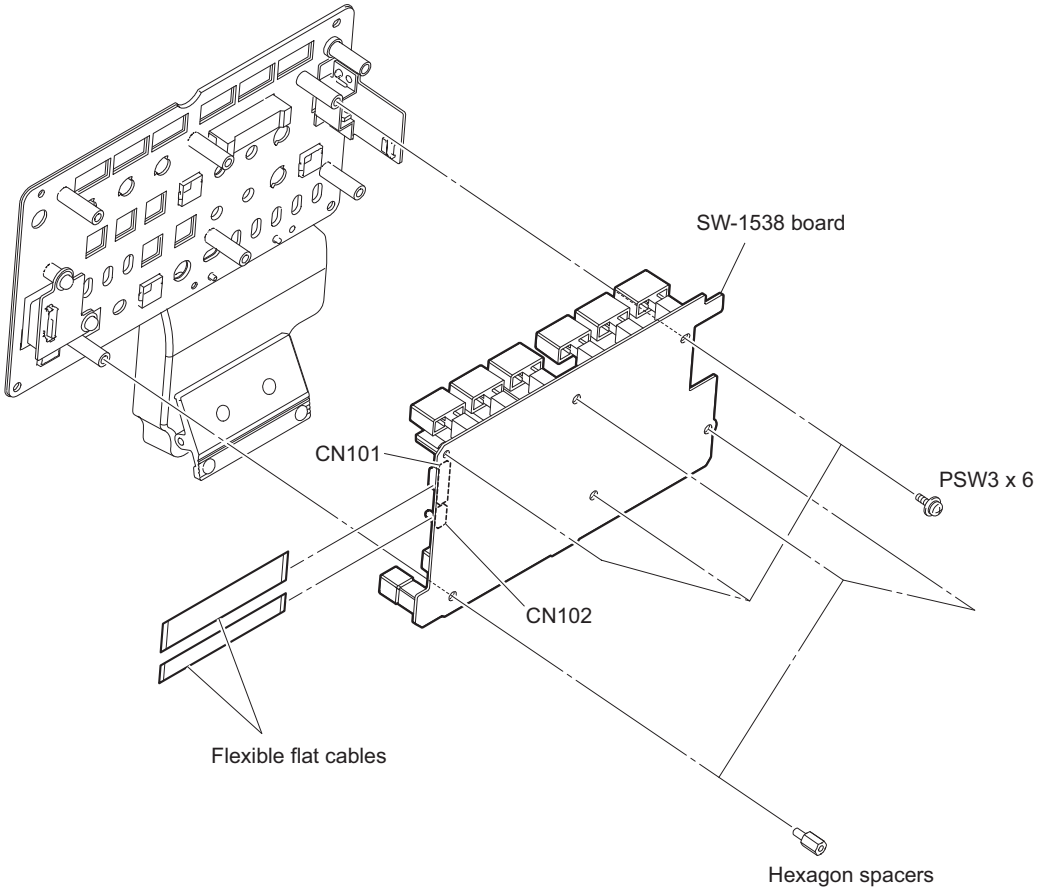
Procedure

1. Open the rear panel lid.
2. Remove the five volume knobs DIA.6 (with a mark), the volume knobs DIA.6 (with no mark), the five volume knob DIA.3 assembles and the VR sleeve.



3. Disconnect the two flexible flat cables from the connectors (CN101, CN102) on the SW-1538 board.

4. Remove the three screws and the three hexagon spacers to detach the SW-1538 board.



5. Install the removed parts by reversing the steps of removal.

2-18-4. LE-381 Board

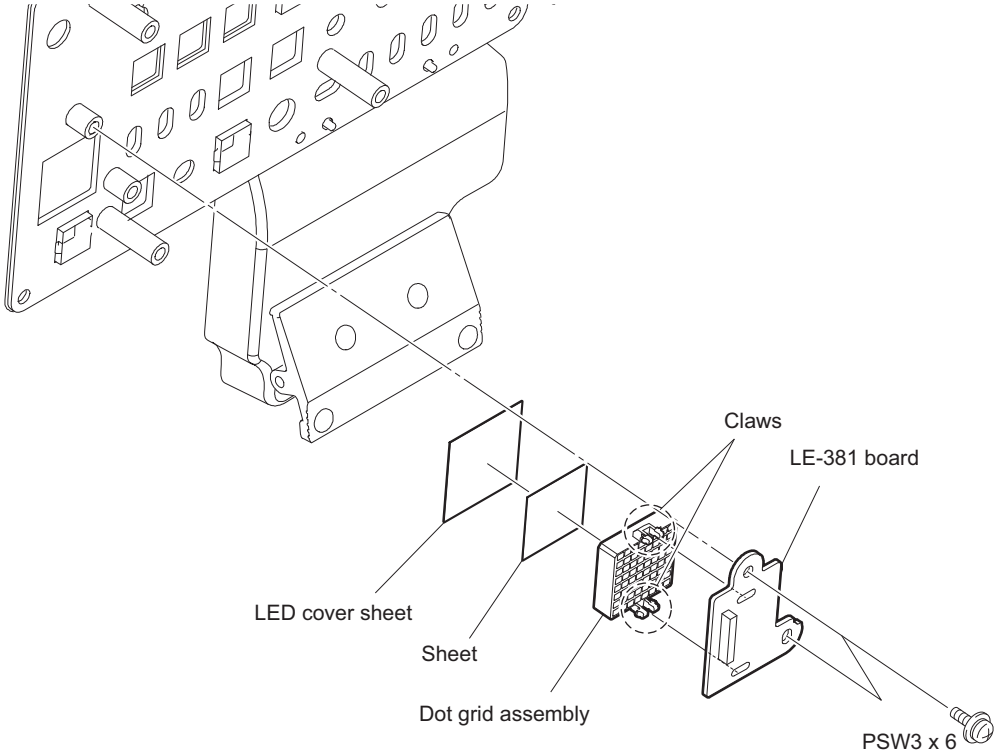
Preparation

1. Remove the rear panel assembly. (Refer to"2-18. Rear Panel Assembly".)
2. Remove the AT-188 board. (Refer to"2-18-2. AT-188 Board".)
3. Remove the SW-1538 board. (Refer to"2-18-3. SW-1538 Board".)

Procedure

1. Remove the two screws to detach the LE-381 board, LED cover sheet and sheet.

2. Remove the two claws to detach the dot grid assembly from the LE-381 board.

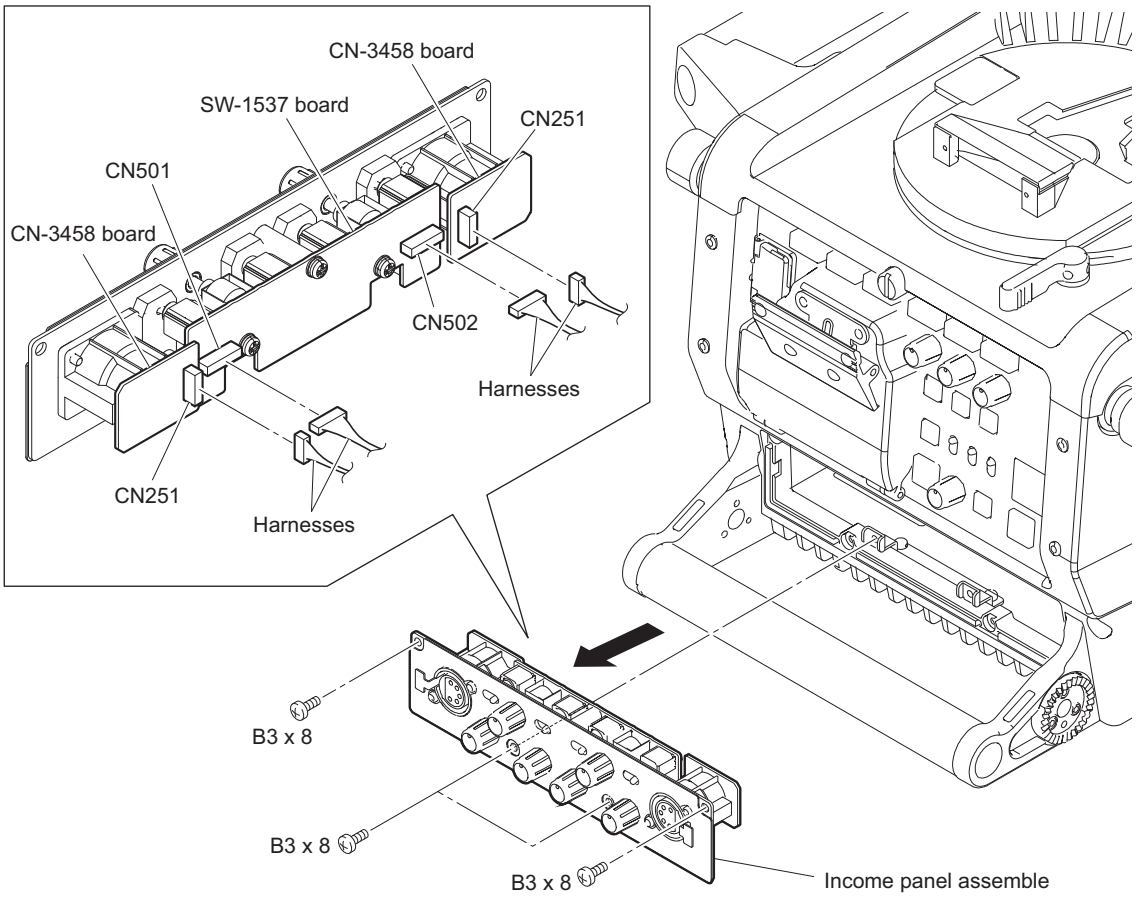


3. Install the removed parts by reversing the steps of removal.

2-19. Income Panel Assembly

Procedure

1. Remove the four screws and pull out the income panel assemble in the direction of the arrow.
2. Disconnect the harness from the connector (CN251) on the CN-3458 board.
3. Disconnect the two harnesses from the two connectors (CN501, CN502) on the SW-1537 board.
4. Disconnect the harness from the connector (CN251) on the CN-3458 board.



5. Install the removed parts by reversing the steps of removal.

2-19-1. CN-3458 Board

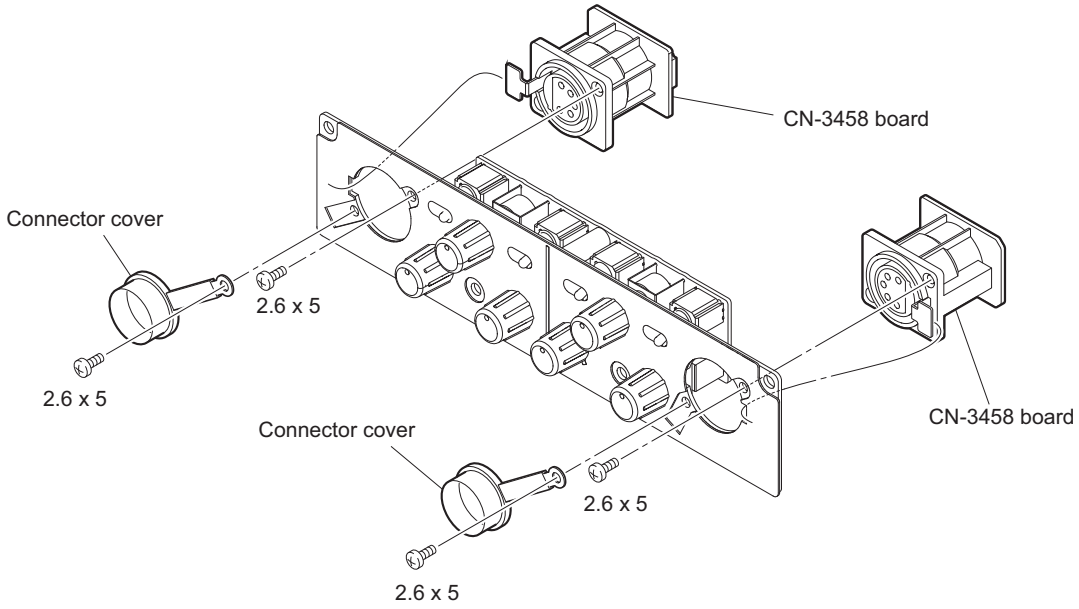
Preparation

1. Remove the income panel assembly. (Refer to"2-19. Income Panel Assembly".)

Procedure

1. Remove the two screws to detach the two connector covers.

2. Remove the two screws to detach the two CN-3458 boards.



3. Install the removed parts by reversing the steps of removal.

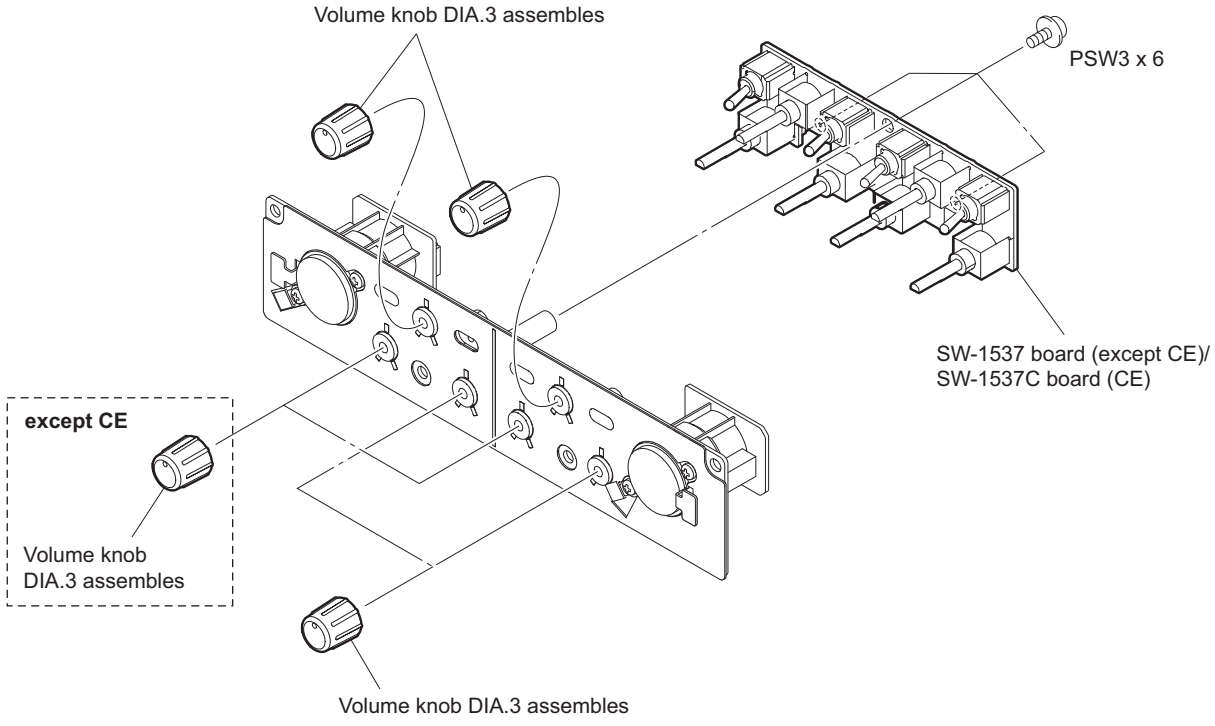
2-19-2. SW-1537 Board/SW-1537C Board

Preparation

1. Remove the income panel assembly. (Refer to"2-19. Income Panel Assembly".)

Procedure

1. Remove the six volume knob DIA.3 assembles.
2. Remove the three screws to detach the SW-1537 board.

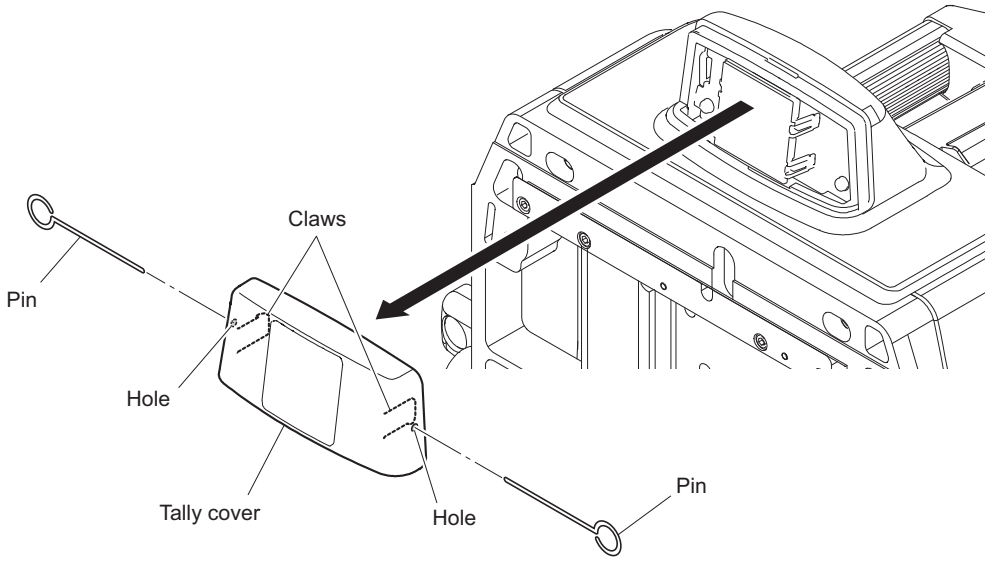


3. Install the removed parts by reversing the steps of removal.

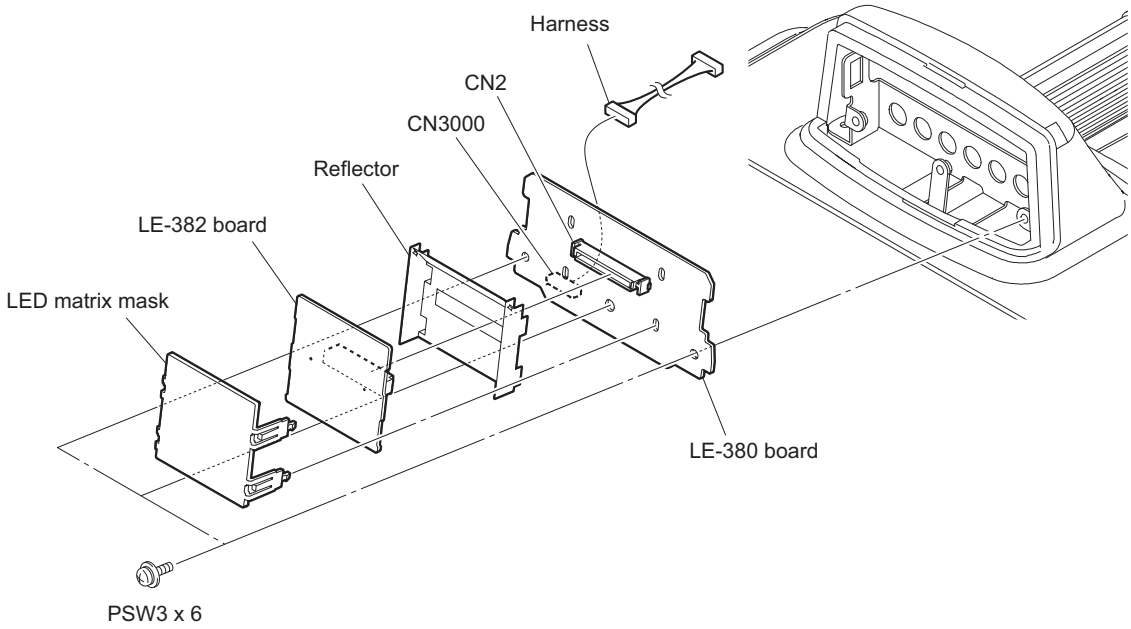
2-20. LE-380 Board/LE-382 Board

Procedure

1. Insert slim pins into the two holes to release the two claws.
2. Remove the up tally cover.



3. Remove LED matrix mask.
4. Disconnect the LE-382 board from the connector (CN3001) on the LE-380 board.
5. Remove the reflector.
6. Remove the three screws to detach the LE-380 board.
7. Disconnect the harness from the connector (CN3000) on the LE-380 board.



8. Install the removed parts by reversing the steps of removal.

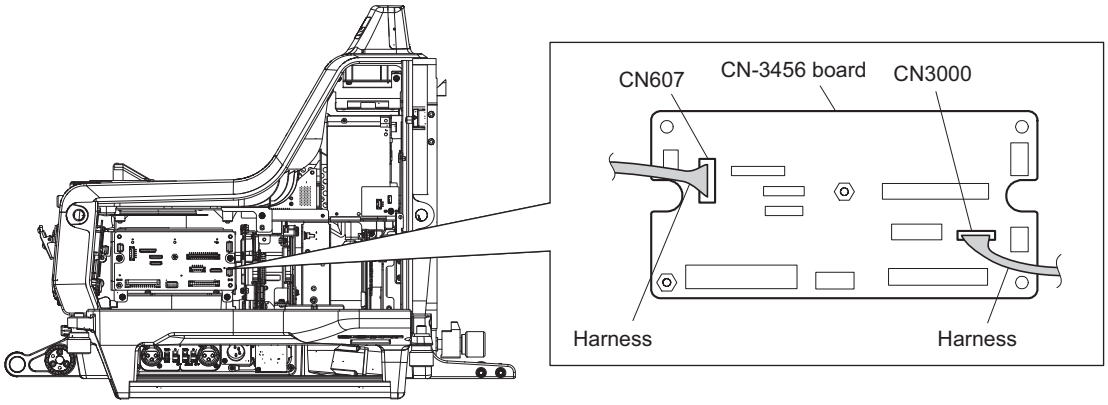
2-21. Top Chassis Block

Preparation

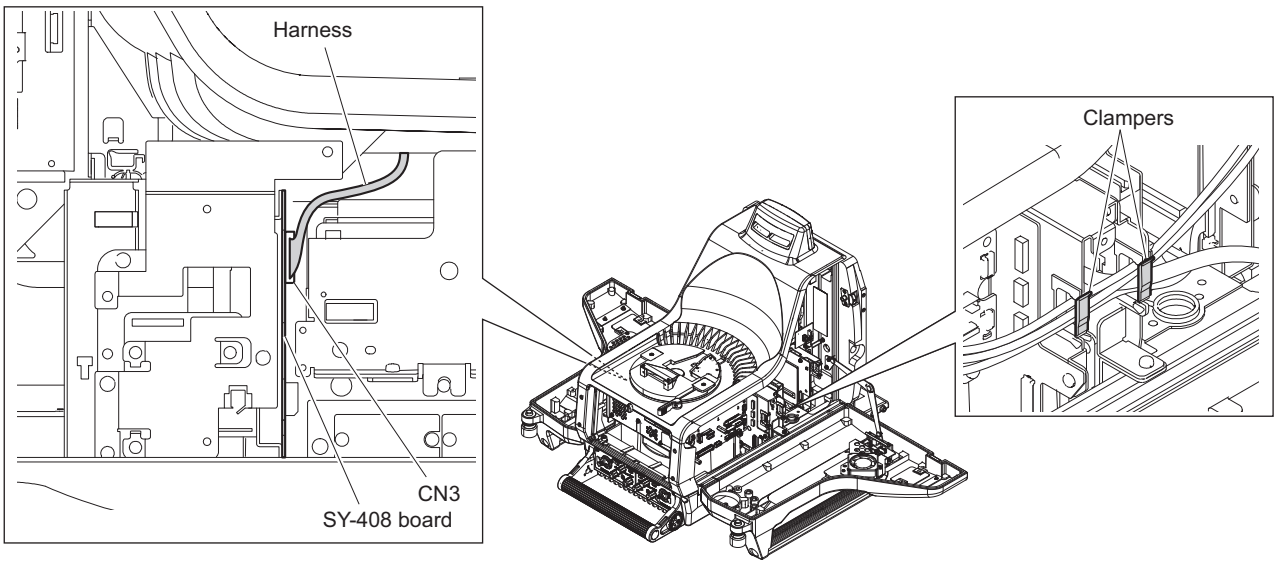
1. Remove the rear panel assembly. (Refer to"2-18. Rear Panel Assembly".)
2. Open the right side cover/left side cover. (Refer to"2-3. Opening the Side Cover Assembly".)
3. Remove the protection plate. (Refer to"2-12. CN-3456 Board".)

Procedure

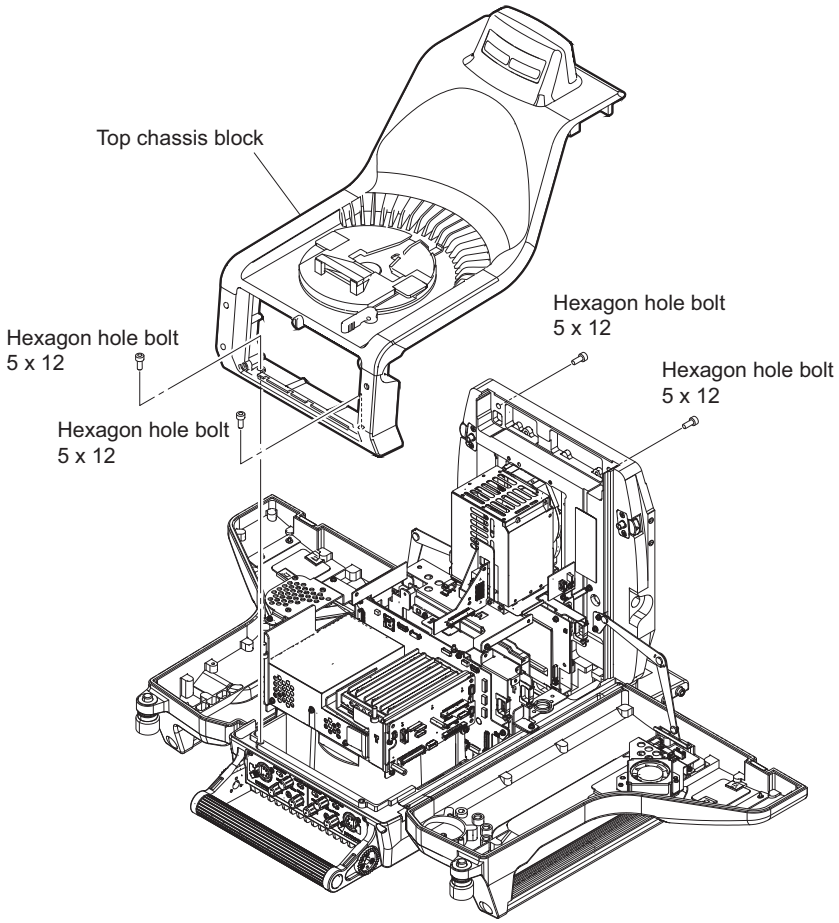
1. Disconnect the two harnesses from the two connectors (CN607, CN2000) on the CN-3456 board.



2. Disconnect the harness from the connector (CN3) on the SY-408 board.
3. Open the two clampers.



4. Remove the four hexagon hole bolts to detach the top chassis block.



5. Install the removed parts by reversing the steps of removal.

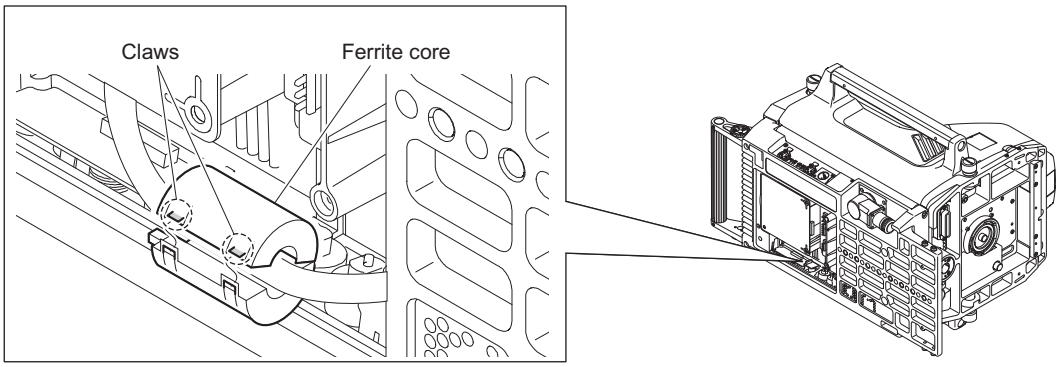
2-22. DPR Block

Preparation

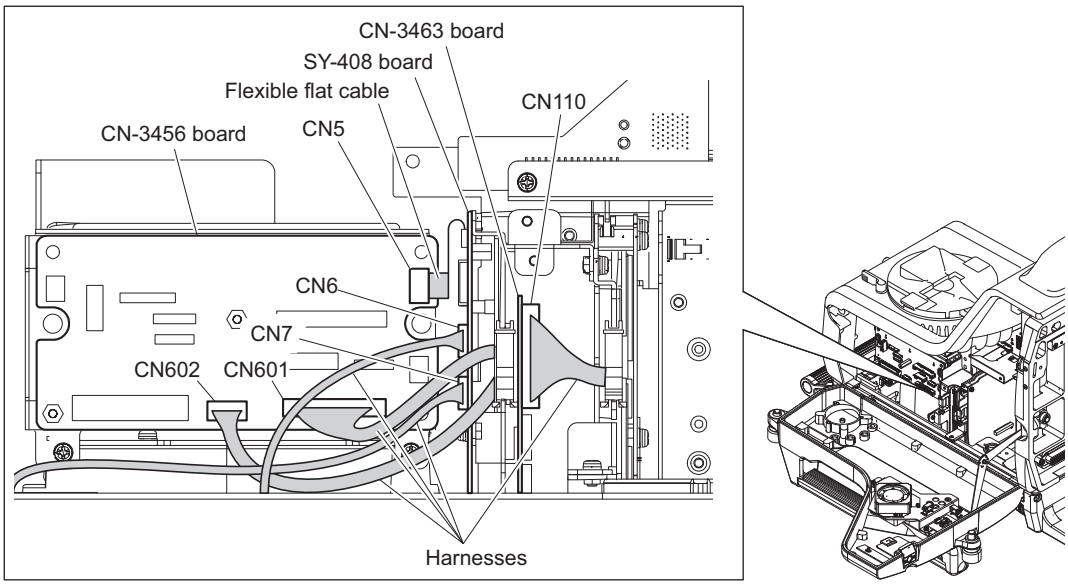
1. Open the right side cover/left side cover. (Refer to"2-3. Opening the Side Cover Assembly".)
2. Remove the CN-3462 board. (Refer to"2-7. CN-3462 Board".)
3. Remove the inside panel block. (Refer to"2-15. Inside Panel Block".)
4. Remove the outside panel block. (Refer to"2-17. Out Side Panel Assembly".)

Procedure

1. Remove the two claws to detach the ferrite core.

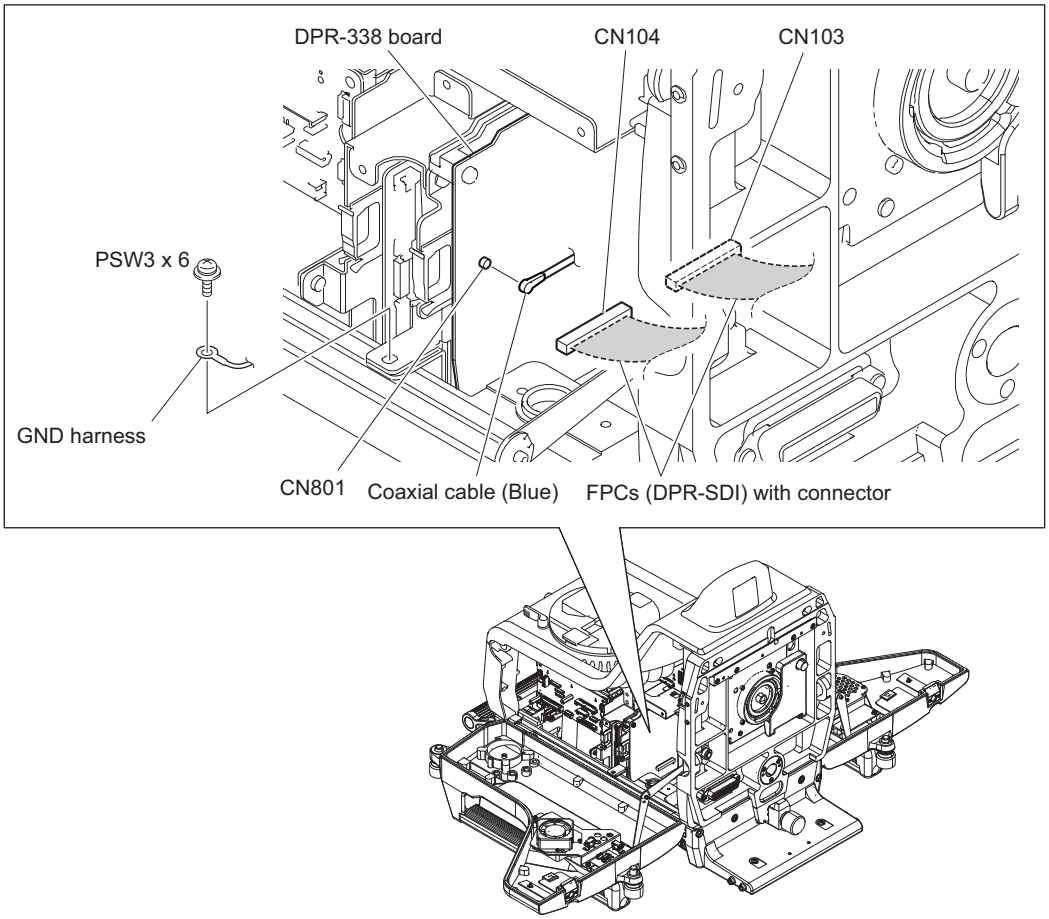


2. Disconnect the harness from the connector (CN110) on the CN-3463 board.
3. Disconnect the two harnesses from the two connectors (CN6, CN7) on the SY-408 board.
4. Disconnect the flexible flat cable from the connector (CN5) on the CN-3456 board.
5. Disconnect the two harnesses from the two connectors (CN601, CN602) on the CN-3456 board.

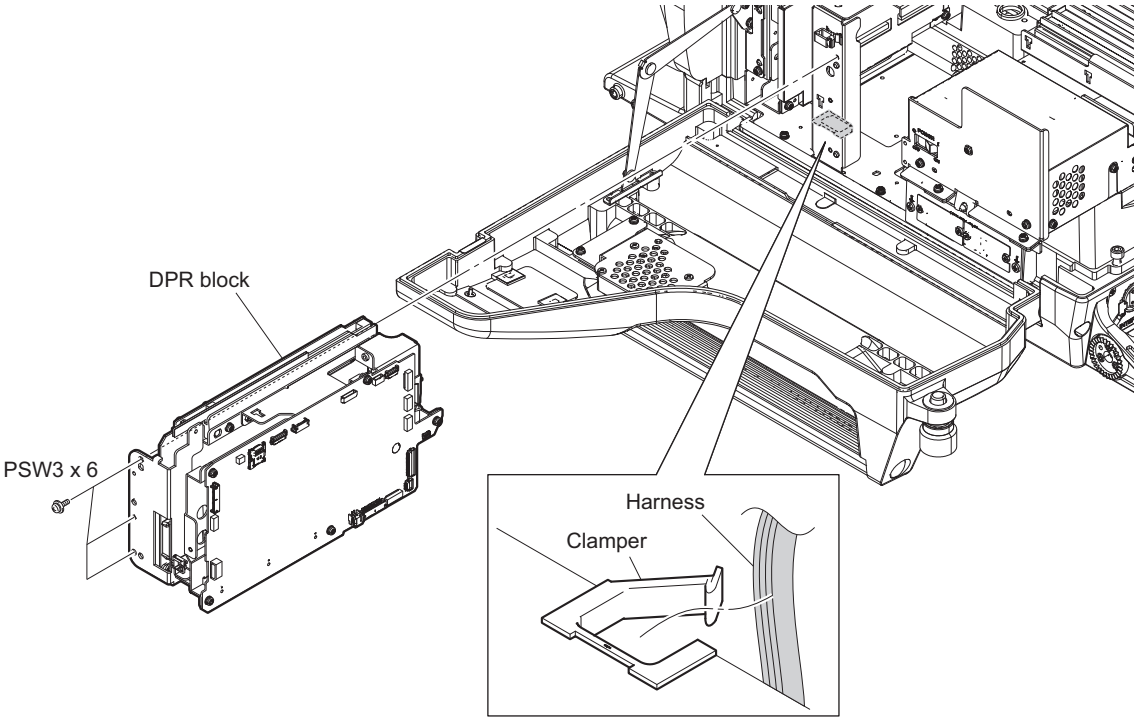


6. Disconnect the two FPCs (DPR-SDI) with connector from the two connectors (CN103, CN104) on the DPR-338 board.
7. Disconnect the coaxial cable (blue) from the connector (CN801) on the DPR-338 board.

8. Remove the screw to detach the GND harness.



9. Open the clamper and remove the harness.
10. Remove the three screws to detach the DPR block.



11. Install the removed parts by reversing the steps of removal.

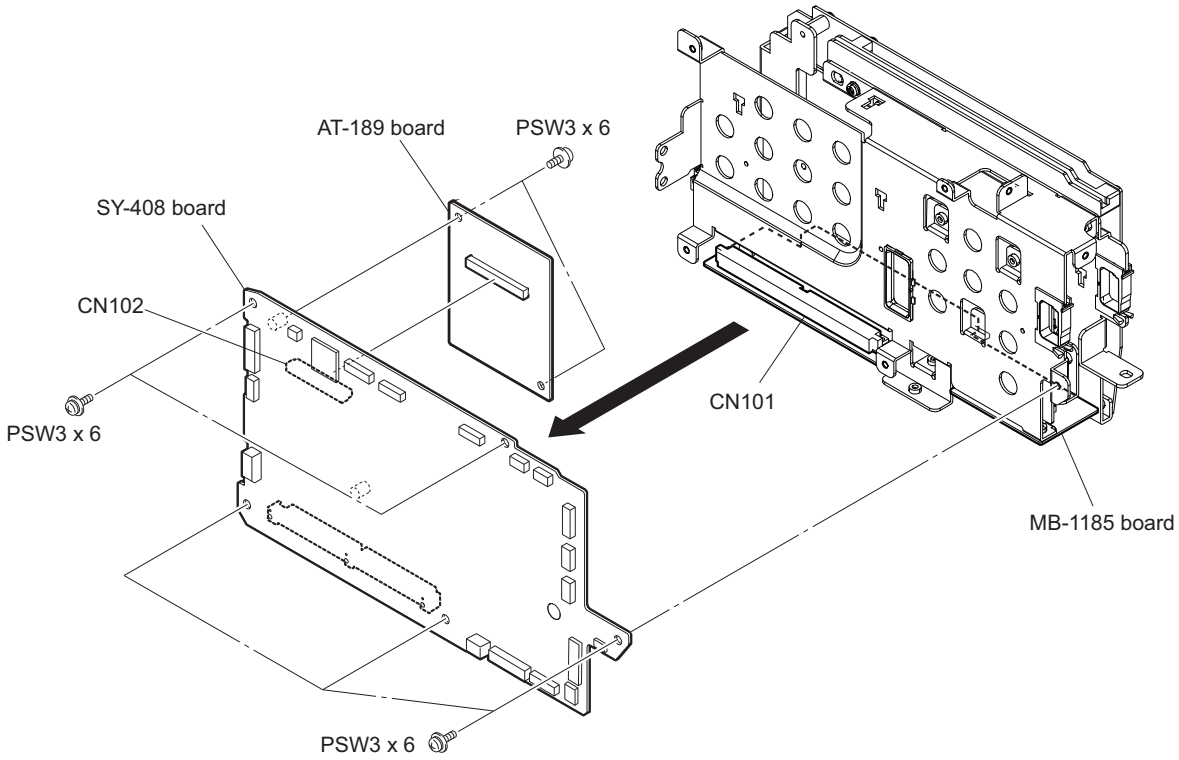
2-22-1. AT-189 Board/SY-408 Board

Preparation

1. Open the right side cover/left side cover. (Refer to"2-3. Opening the Side Cover Assembly".)
2. Remove the CN-3462 board. (Refer to"2-7. CN-3462 Board".)
3. Remove the inside panel block. (Refer to"2-15. Inside Panel Block".)
4. Remove the outside panel block. (Refer to"2-17. Out Side Panel Assembly".)
5. Remove the DPR block. (Refer to"2-22. DPR Block".)

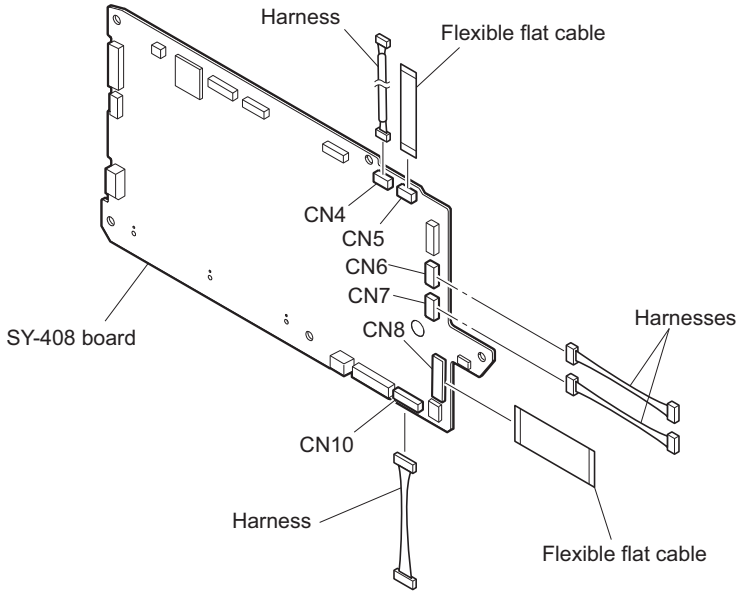
Procedure

1. Remove the five screws and disconnect the SY-408 board from the connector (CN101) on the MB-1185 board.
2. Remove the two screws and disconnect the AT-189 board from the connector (CN102) on the SY-408 board.



3. Disconnect the two flexible flat cables from the two connectors (CN5, CN8) on the SY-408 board.

4. Disconnect the four harnesses from the four connectors (CN4, CN6, CN7 and CN10) on the SY-408 board.



5. Install the removed parts by reversing the steps of removal.

2-22-2. DPR-338 Board

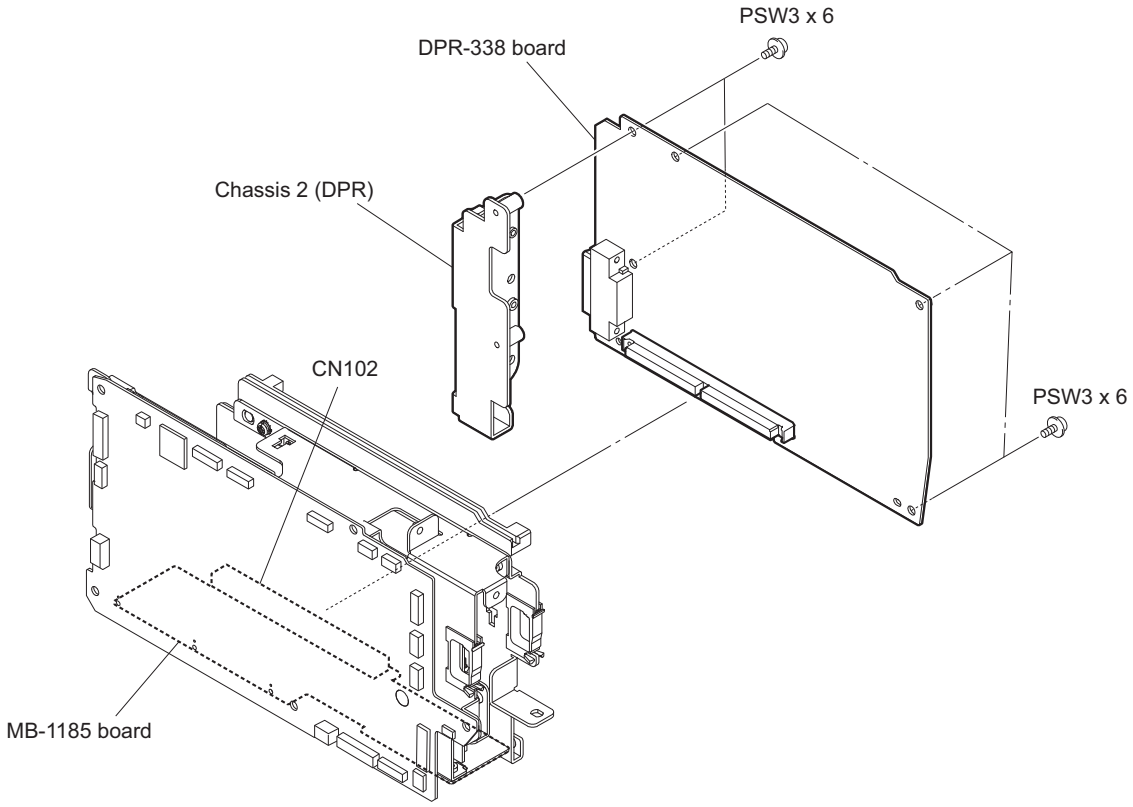
Preparation

1. Open the right side cover/left side cover. (Refer to"2-3. Opening the Side Cover Assembly".)
2. Remove the CN-3462 board. (Refer to"2-7. CN-3462 Board".)
3. Remove the inside panel block. (Refer to"2-15. Inside Panel Block".)
4. Remove the outside panel block. (Refer to"2-17. Out Side Panel Assembly".)
5. Remove the DPR block. (Refer to"2-22. DPR Block".)

Procedure

1. Remove the three screws and disconnect the DPR-338 board from the connector (CN102) on the MB-1185 board.

2. Remove the two screws to detach the chassis 2 (DPR).



3. Install the removed parts by reversing the steps of removal.

2-22-3. MB-1185 Board

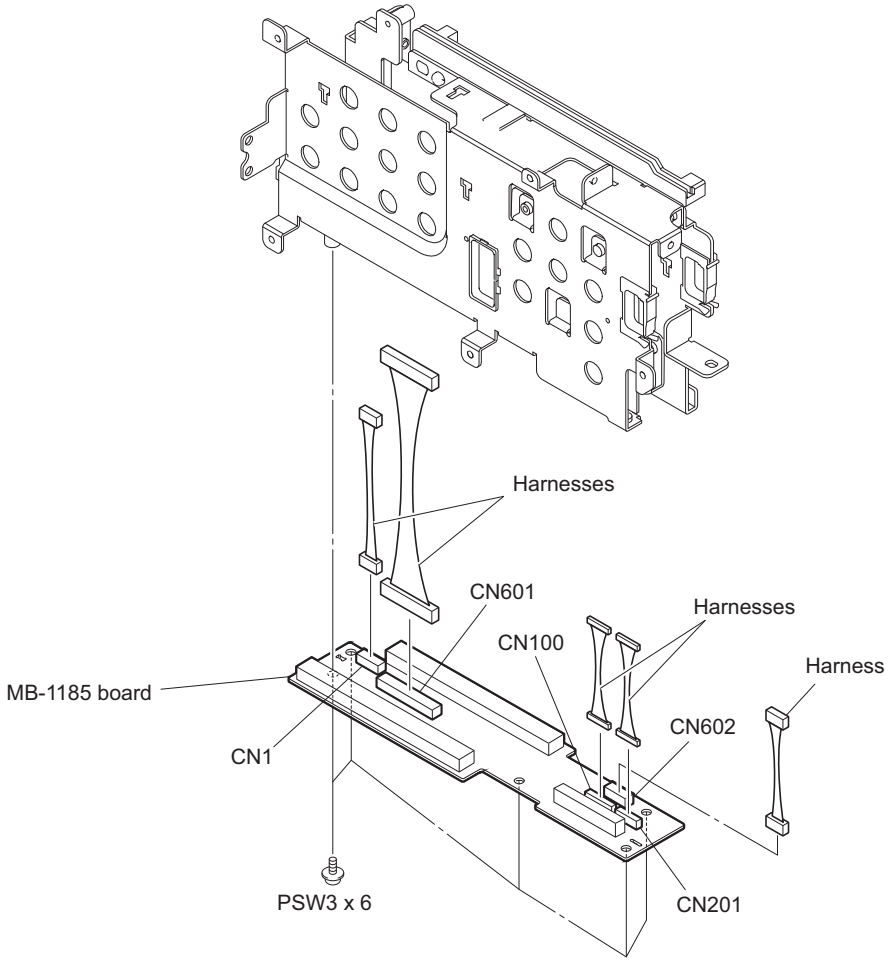
Preparation

1. Open the right side cover/left side cover. (Refer to"2-3. Opening the Side Cover Assembly".)
2. Remove the CN-3462 board. (Refer to"2-7. CN-3462 Board".)
3. Remove the inside panel block. (Refer to"2-15. Inside Panel Block".)
4. Remove the outside panel block. (Refer to"2-17. Out Side Panel Assembly".)
5. Remove the DPR block. (Refer to"2-22. DPR Block".)
6. Remove the SY-408 board. (Refer to"2-22-1. AT-189 Board/SY-408 Board".)
7. Remove the DPR-338 board. (Refer to"2-22-2. DPR-338 Board".)

Procedure

1. Remove the five screws to detach the MB-1185 board.

2. Disconnect the five harnesses from the five connectors (CN1, CN100, CN201, CN601 and CN602) on the MB-1185 board.



3. Install the removed parts by reversing the steps of removal.

2-22-4. CN-3463 Board

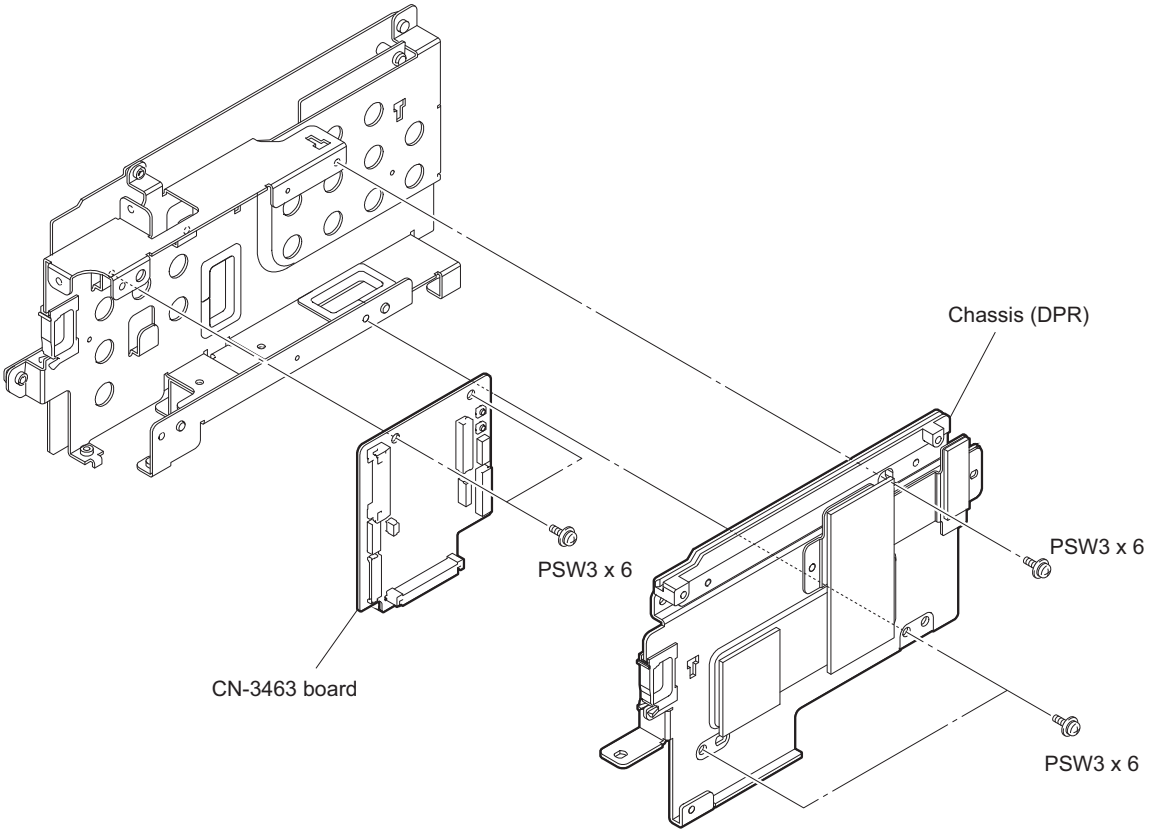
Preparation

1. Open the right side cover/left side cover. (Refer to"2-3. Opening the Side Cover Assembly".)
2. Remove the CN-3462 board. (Refer to"2-7. CN-3462 Board".)
3. Remove the inside panel block. (Refer to"2-15. Inside Panel Block".)
4. Remove the outside panel block. (Refer to"2-17. Out Side Panel Assembly".)
5. Remove the DPR block. (Refer to"2-22. DPR Block".)
6. Remove the SY-408 board. (Refer to"2-22-1. AT-189 Board/SY-408 Board".)
7. Remove the DPR-338 board. (Refer to"2-22-2. DPR-338 Board".)
8. Remove the MB-1185 board. (Refer to"2-22-3. MB-1185 Board".)

Procedure

1. Remove the three screws to detach the chassis (DPR).

2. Remove the two screws to detach the CN-3463 board.



3. Install the removed parts by reversing the steps of removal.

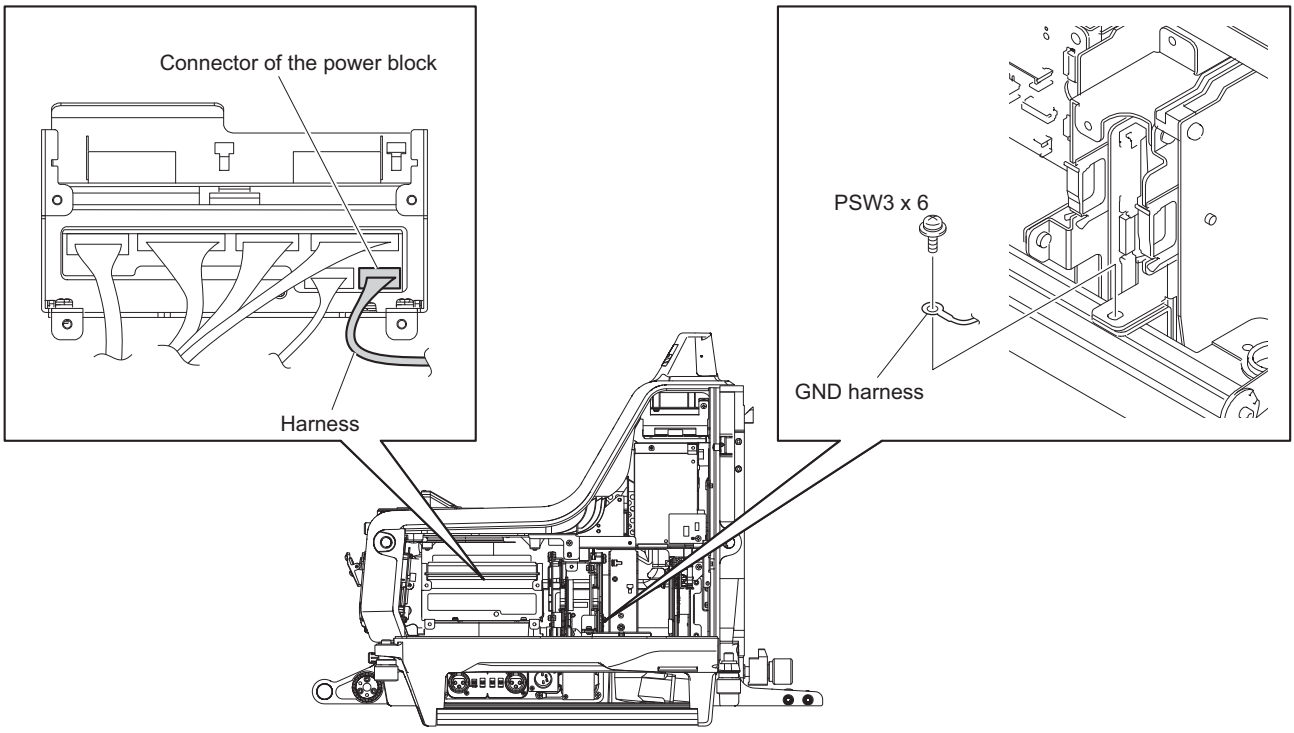
2-23. Optical Multi Cable Assembly

Preparation

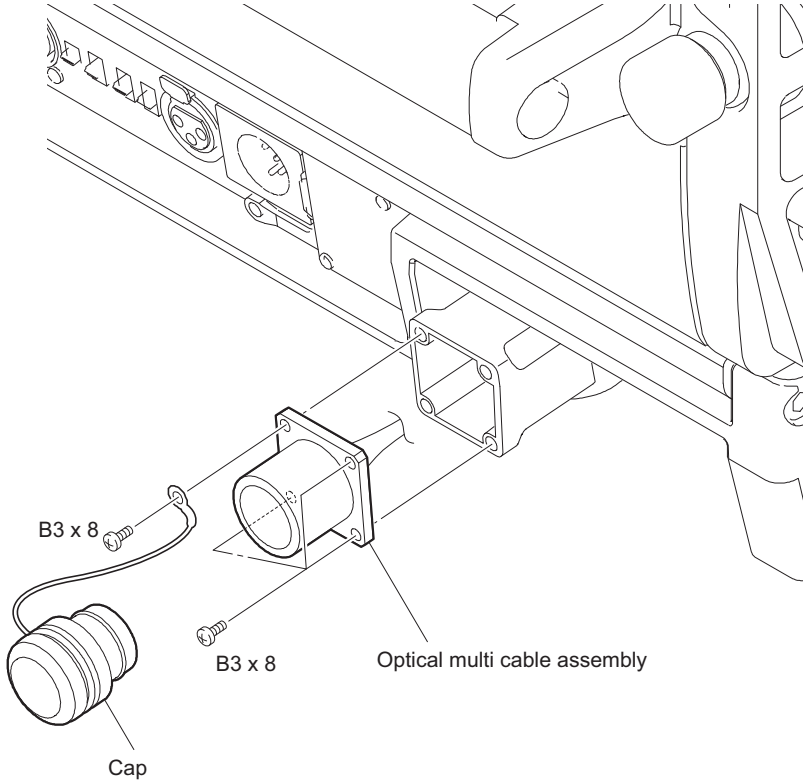
1. Open the right side cover/left side cover. (Refer to"2-3. Opening the Side Cover Assembly".)
2. Remove the protection plate. (Refer to"2-12. CN-3456 Board".)
3. Disconnect the harness from the connector (CN200) on the SDI-109 board. (Refer to"2-11. SDI-109 Board".)
4. Disconnect the two optical fiber cables from the SDI block. (Refer to"2-11. SDI-109 Board".)
5. Remove the CN-3456 board. (Refer to"2-12. CN-3456 Board".)

Procedure

1. Remove the screw to detach the GND harness.
2. Disconnect the harness from the connector of the power block.



3. Remove the four screws to detach the cap and optical multi cable assembly.



4. Install the removed parts by reversing the steps of removal.

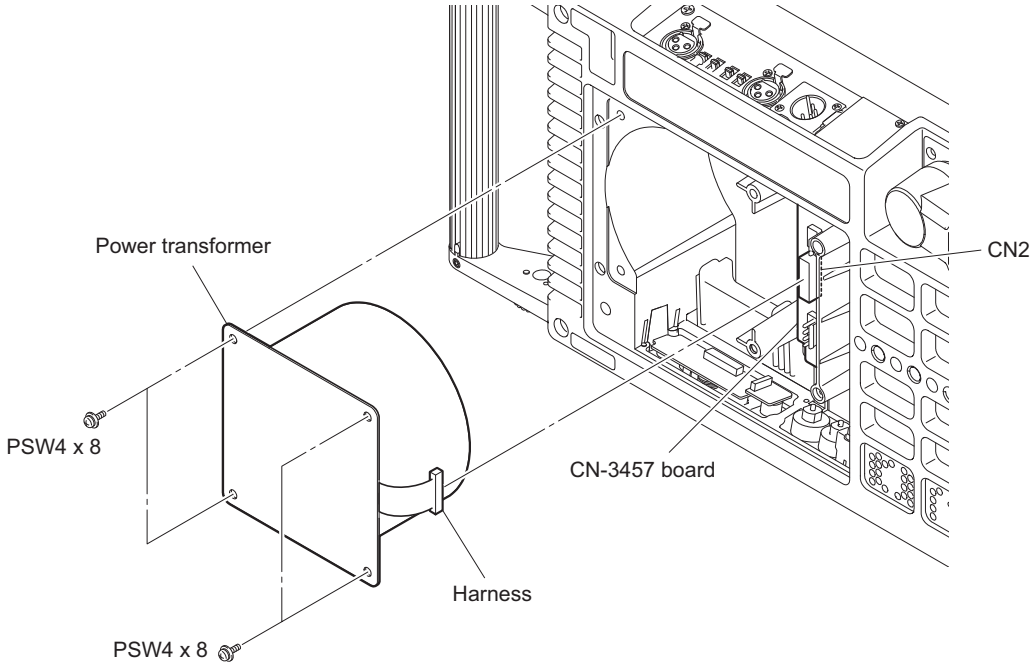
2-24. Power Transformer

Preparation

1. Remove the transformer plate. (Refer to"2-17. Out Side Panel Assembly".)

Procedure

1. Disconnect the harness from the connector (CN2) on the CN-3457 board.
2. Remove the four screws to detach the power transformer.



3. Install the removed parts by reversing the steps of removal.

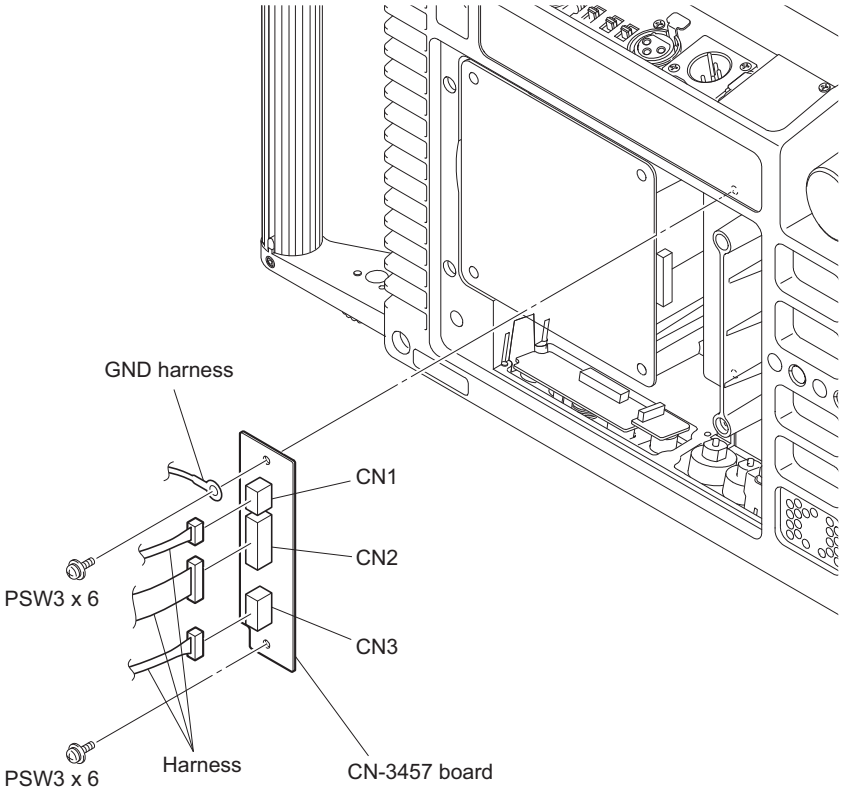
2-25. CN-3457 Board

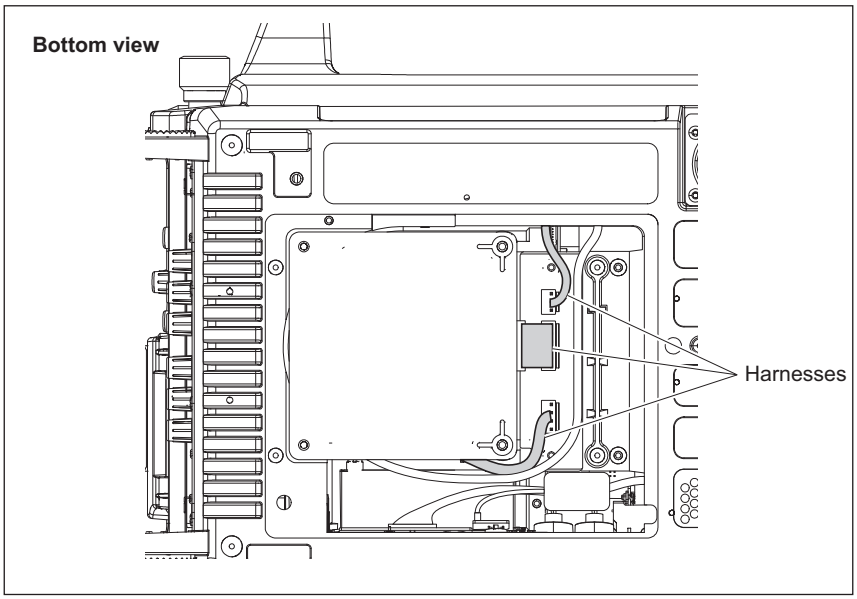
Preparation

1. Remove the transformer plate. (Refer to"2-17. Out Side Panel Assembly".)

Procedure

1. Remove the two screws and pull out the CN-3457 board in the direction of the arrow.
2. Remove the GND harness and disconnect the three harnesses from the three connectors (CN1, CN2 and CN3) on the CN-3457 board.





Note

When installing the CN-3457 board, arrange the harness as shown in the figure.

3. Install the removed parts by reversing the steps of removal.

Section 3
Electrical Alignment

When any board of this unit is repaired or replaced, perform electrical adjustments as this section.

Notes

- Perform the "3-4. Video System Level Adjustment" according to customer needs.
- Master setup unit MSU-1000 and other equipment/tools are used for electrical adjustments of the unit. Refer to "3-1-8. Adjustment Items and Setup Menu Items" when using the camera setup menu for electrical adjustments without using MSU-1000.

3-1. Preparations

3-1-1. Equipment Required

Measuring Equipment

- HD waveform monitor: Leader Electronics LV5150DA, Leader Electronics LV5152DA (multi format) or equivalent
- HD color monitor: Sony BVM-D20F1J/BVM-D14H5J or equivalent
- Oscilloscope: Tektronix TDS460A or equivalent

Related Equipment

- HDVS camera system: MSU-1000/1500, HDVF-EL70
- Lens: Canon HJ18 or equivalent

Tool

- Pattern box PTB-500: Sony Part No. J-6029-140-B
- Grayscale chart (16 : 9 transparent type): Sony Part No. J-6394-080-A
- Grayscale chart (16 : 9 reflective type): Commercially available

3-1-2. Precautions on Adjustments

- Turn on the external main power switch before starting adjustments, and warm up the unit for about 10 minutes.
- All measuring equipment must have been calibrated.
- Periodic maintenance must have been conducted for the pattern box.
- "3-1-7. Initial Settings" must have been completed.

3-1-3. File Data at Adjustment

The file structure of the adjustment data of this unit is as follows.

- Lens file is used for compensating the deviation generated by switching the lens extender from OFF to ON and for compensating the difference in the characteristics between lenses. This file is stored in the camera. For electrical adjustments, mount the lens that is actually used.
- The reference file stores the custom paint data adjusted by the video engineer. This file is stored in the camera and USB drive. Therefore, store this data in the USB drive first before starting adjustment, and clear this data from the USB drive after adjustment.
- OHB file is used for adjustment for the CCD block maintenance. This file is stored in the camera.

3-1-4. Maintaining the Grayscale Chart

It is preferable to use an 89.9%-reflective grayscale chart for electrical adjustments.
If a reflective chart is not available, use a well-maintained pattern box and a transparent grayscale chart for adjustments.
Before beginning adjustment, set the illumination of the light source (or the luminous intensity on the chart surface) properly proceeding as follows and set the color temperature to 3200 K exactly by adjusting light.

Information on the Reflective Grayscale Chart (16 : 9)

Recommended chart

The reflective grayscale chart (16 : 9) is commercially available.
Product name: Reflective grayscale chart
Supplier: MURAKAMI COLOR RESEARCH LABORATORY

Handling precautions

- Do not touch the chart's surface with bare hands.
- Do not subject the surface to dirt or scratches.
- Do not prolonged exposure to sunlight.
- Protect the chart from excessive moisture or harmful gas.
- Avoid resting articles against the case.
- When the chart is not used for a long period and is stored, open the case and dry the chart for about an hour once or twice a month.

Replacement period when the chart is used as the reference

The reflective grayscale chart should be replaced every two years if it used as the reference. Because the chart deteriorates with time and proper adjustment cannot be achieved.
Replacement period varies depending on the chart storage condition.

Setting Illumination (When the Reflective Chart is Used)

Measuring equipment

Illuminance meter: Calibrated

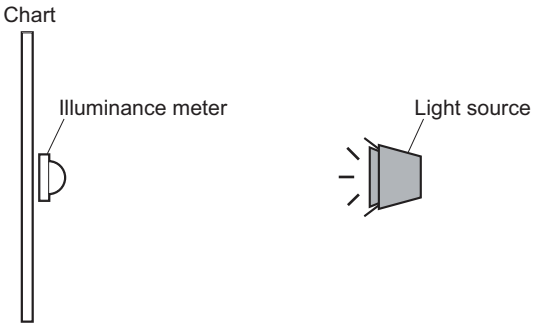
Procedure

1. Turn on the light source and warm up for about 30 minutes.

2. Place the illuminance meter on the chart surface. Adjust the position and angle of the light source so that the whole surface of the chart is evenly 2000 lx.

   Note

   Light the chart from almost the same direction and height as the camera to shoot the chart.



Setting Luminous Intensity (When the Transparent Chart is Used)

Measuring equipment

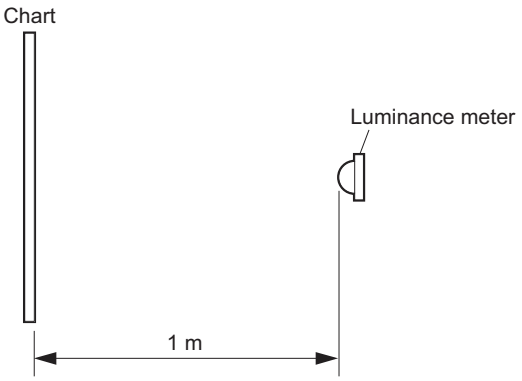
Luminance meter: Konica Minolta LS-110 or equivalent. Calibrated

Procedure

1. Light the pattern box and warm up for about 30 minutes.
2. Place the pattern box where the chart is not exposed to light, such as a darkroom.
   (Or cover the pattern box with a cover whose inside is painted in black.)
3. Place the luminance meter facing straight to the chart at a distance of 1 m from it.
4. Adjust the luminance control of the pattern box so that the white portion in the center of the chart is 573 ±6 cd/m².

   Note

   This corresponds to the luminous intensity on the 89.9%-reflective chart at 2000 lx.



3-1-5. Setup Menu

Some of adjustments given in this section use the setup menu. The setup menu consists of the following menus.
In addition, there is a TOP menu indicating the entire configuration of menu items.

- USER menu
- USER MENU CUSTOMIZE menu
- OPERATION menu

- PAINT menu
- MAINTENANCE menu
- FILE menu
- DIAGNOSIS menu
- SERVICE menu

For some adjustments, the setup menu operation is described as follows.
Example: When the AUTO SETUP page of MAINTENANCE menu is selected from the TOP menu and AUTO LEVEL is performed.
MENU: MAINTENANCE
PAGE: AUTO SETUP
ITEM: AUTO LEVEL

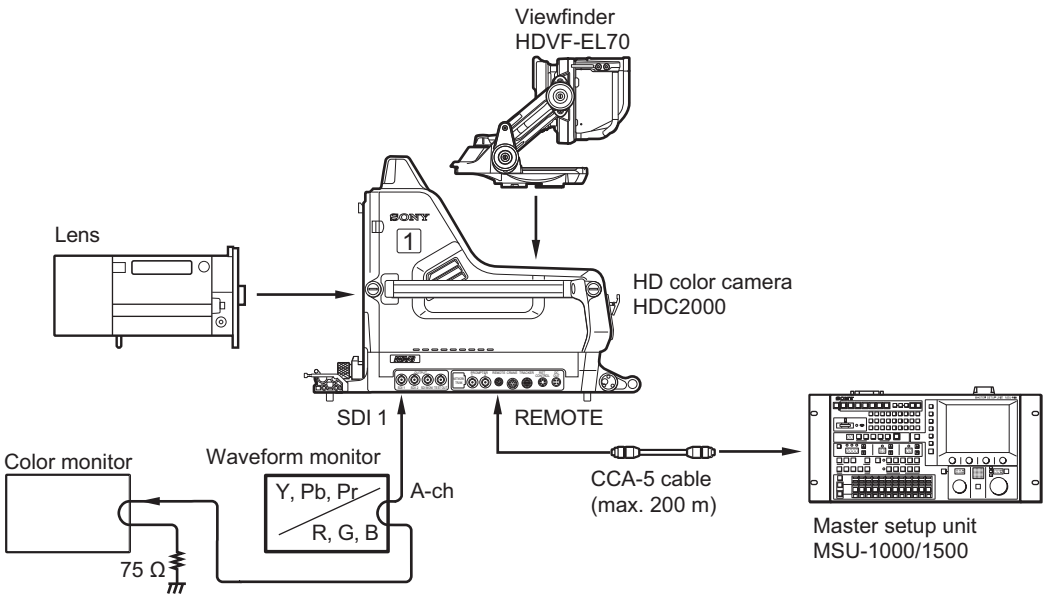
How to Display the SERVICE Menu

Set the DISPLAY switch to “MENU” while pressing the ASSIGN switch and the MENU SELECT switch to “ENTER” side.

How to Change the Setting Values

Perform the following to enter or cancel the setting value of items, which can be changed by turning the rotary encoder.
To enter the setting value: Press the MENU SELECT switch to “ENTER” side.
To cancel the setting value: Before pressing the MENU SELECT switch, press the MENU SELECT switch toward the “CANCEL” side.
The original setting is restored.
After the MENU SELECT switch is pressed, the setting cannot be canceled.

3-1-6. Connection of Equipment



3-1-7. Initial Settings

Note

This section describes the adjustment procedures using MSU-1000.

MSU-1000 Control Panel

- Power supply and signal switching block
  - ALL button → OFF (dark)
  - CAM PW button → ON (lit)
  - VF PW button → ON (lit)
  - TEST 1 button → OFF (dark)
  - TEST 2 button → OFF (dark)
  - BARS button → OFF (dark)
  - CLOSE button → ON (lit)
- Camera/CCU circuit ON/OFF block
  - KNEE OFF button → OFF (lit)
  - DETAIL OFF button → OFF (lit)
  - MATRIX OFF button → OFF (lit)
  - AUTO KNEE button → OFF (dark)
  - SKIN DETAIL button → OFF (dark)
- Others
  - GAMMA OFF button → ON (dark)
  - MASTER GAIN → 0 (0 dB)
  - FILTER button (ND) → 1 (CLEAR)
  - FILTER button (CC) → B (3200 K)
  - ON button (shutter control block) → OFF (dark)

When Adjusting Using the Setup Menu

- PAINT menu

Page	Setting Item	Initial Setting
SW STATUS	FLARE	ON
	GAMMA	ON
	BLK GAM	OFF
	KNEE	OFF
	WHT CLIP	OFF
	DETAIL	ON
	LVL DEP	ON
	SKIN DTL	OFF
	MATRIX	OFF
VIDEO LEVEL	TEST	OFF

- Side panel
  - GAIN switch → L (0 dB)
  - AUTO/AUTO KNEE switch → CAM/OFF
  - WHITE BAL switch → PRST
- Front panel
  - SHUTTER switch → OFF

- Filter position
  - ND filter → 1 (CLEAR)
  - CC filter → B (3200 K)

3-1-8. Adjustment Items and Setup Menu Items

Refer to the following tables when using the camera setup menu for electrical adjustments without using MSU-1000. These tables list camera menu items corresponding to adjustment items of MSU-1000.

PAINT Menu (PAINT button/MSU-1000 → ON (lit))

Menu item of MSU-1000			Menu item of camera		
Menu	Sub Menu	Adjustment Item	MENU	PAGE	ITEM
Black		R/G/B	PAINT	VIDEO LEVEL	BLACK R/G/B/M
		Master			
Flare		R/G/B			FLARE R/G/B
		Master			
Detail	1/3	Level		DETAIL 1	LEVEL
		Limiter			LIMITER [M]
		Crispening			CLISP
		Level Dep			LVL DEP
	2/3	H/V Ratio			HV RATIO
	3/3	W Limiter			LIMITER WHT
		B Limiter			LIMITER BLK
Gamma	Gamma	R/G/B		GAMMA	LEVEL R/G/B/M
		Master			
Knee	Knee Point	R/G/B		KNEE	POINT R/G/B/M
		Master			
	Knee Slope	R/G/B			SLOPE R/G/B/M
		Master			
White Clip		R/G/B			WHT CLP R/G/B/M
		Master			

FILE Menu (FILE button/MSU-1000 → ON (lit))

Menu item of MSU-1000		Menu item of camera		
Menu	Sub Menu	MENU	PAGE	ITEM
Ref File	Ref Store	FILE	REFERENCE	STORE FILE
Lens File	Lens Store		LENS FILE	STORE FILE
OHB File	OHB Store		OHB FILE	STORE FILE

MAINTENANCE Menu (MAINTENANCE button/MSU-1000 → ON (lit))

Menu item of MSU-1000				Menu item of camera		
Menu	Secondary Menu	Sub Menu	Adjustment Item	MENU	PAGE	ITEM
Camera	White Shading	R/G/B	H SAW	MAINTENANCE	WHITE SHADING	H SAW R/G/B
			H PARA			H PARA R/G/B
			V SAW			V SAW R/G/B
			V PARA			V PARA R/G/B
Lens	Auto Iris Setting		Level		AUTO IRIS	IRIS LEVEL
			APL Ratio			APL RATIO
	V mod Saw		R/G/B	PAINT	VIDEO LEV-EL	V MOD R/G/B
			Master			

3-2. Automatic Adjustment

3-2-1. Execute the Automatic Adjustment

1. Operate the control panel of MSU-1000.
   1) Press the LEVEL button (AUTO SETUP block) → ON (lit)
   2) Press the START/BREAK button (AUTO SETUP block) → ON (lit)

   Note

   When performing automatic adjustment using the menu of the camera, set the setup menu as follows.
   MENU: MAINTENANCE
   PAGE: AUTO SETUP
   ITEM: AUTO LEVEL

2. When the adjustment is completed, a message “Completed” appears.

3-3. Electrical Alignment

3-3-1. Clamp Level Adjustment between Channel A and Channel B (BLACK OFFSET Adjustment)

Preparation

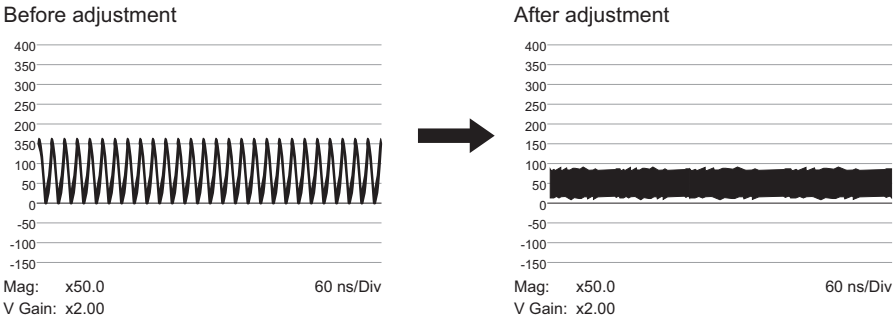
- Menu setting
  MENU: SERVICE
  PAGE: OHB_ADJ1

Adjustment Procedure

1. Open the following items with SERVICE menu.
   MENU: SERVICE
   PAGE: BLACK SHADING
   ITEM: OFFSET [R], [G], [B]
2. Operate the control panel of MSU-1000.
   KNEE OFF button → OFF (lit)
   DETAIL OFF button → OFF (lit)
   LVL DEP OFF button → OFF (lit)
   GAMMA OFF button → ON (dark)
   MATRIX OFF button → OFF (lit)
   MASTER GAIN → 12
   IRIS → CLOSE
3. Set in the SERVICE menu as shown below.
   MENU: SERVICE
   PAGE: OHB_ADJ1
   ITEM: FILTER: OFF
   ITEM: MONITOR SEL: R
4. Execute file storing for each format.

   Note

   If the pedestal level is low and the adjustment is not easy, raise the black level by MASTER BLACK to level that makes the adjustment easy.



5. Make adjustment for the G and B channels in the same way.
6. Execute file storing for each format.
   MENU: SERVICE
   PAGE: BLACK SHADING
   ITEM: STORE FILE

3-3-2. BLACK SET Adjustment

Preparation

- Setting for MSU-1000
  CLOSE button → ON (lit)
  MASTER GAIN → 12

Adjustment Procedure

1. Open the following items with SERVICE menu.
   MENU: SERVICE
   PAGE: BLACK SHADING
   ITEM: BLK SET [R], [G], [B]
2. Adjust this using the waveform monitor so that the PED level of each channel becomes equal within a range of -6 to +12 dB.
3. Execute file storing for each format.
   MENU: SERVICE
   PAGE: BLACK SHADING
   ITEM: STORE FILE

3-3-3. Sensitivity Adjustment

Preparation

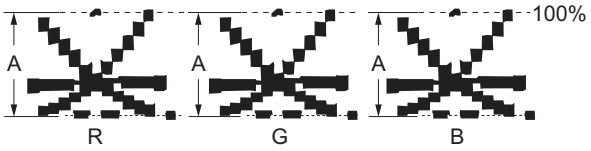
- Setting for MSU-1000
  CLOSE button → OFF (dark)
  GAMMA OFF button → OFF (lit)
  MASTER GAIN → 0
  DETAIL OFF button → OFF (lit)
- Turn ON (lighting) the TEST 1 button to display the TEST SAW waveform, and check that the amplitude is 700 mV using the waveform monitor.
  If the amplitude is not 700 mV, check that WHITE [R], [G], [B] values are zero.
  MENU: PAINT
  PAGE: VIDEO LEVEL
  ITEM: WHITE [R], [G], [B]
  Then turn OFF (light off) the TEST 1 button.
- Shoot the grayscale chart so that the chart frame is aligned with the under scanned monitor frame.
- Lens iris: F10 (1080 59.94i)
  Use a lens with a transmittance equivalent to Canon HJ18.

Adjustment Procedure

1. Open the following items with SERVICE menu.
   MENU: SERVICE
   PAGE: OHB_ADJ1
   ITEM: GAIN_CONT [R1], [G1], [B1]
   ITEM: GAIN_CONT [R2], [G2], [B2]

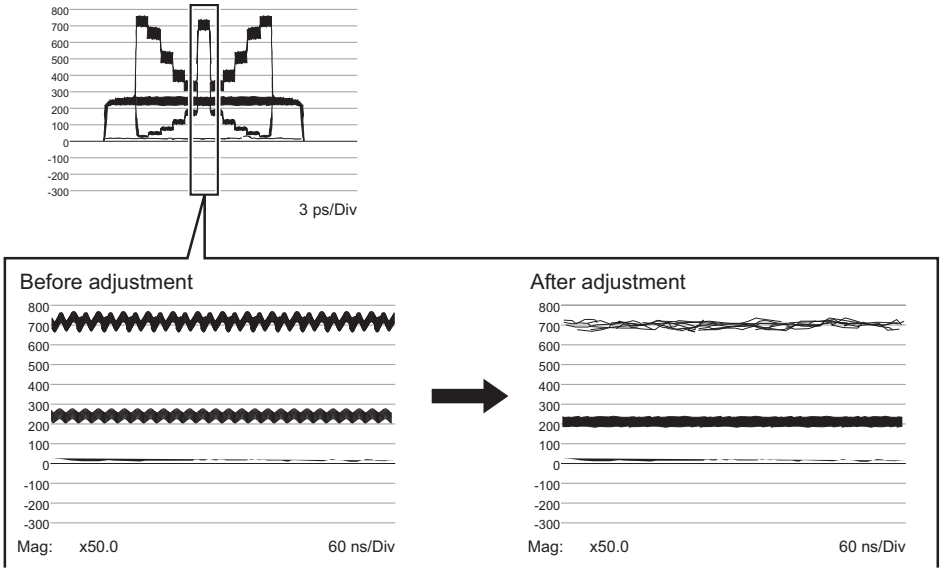
Coarse adjustment

1. Set GAIN_CONT [R1] and [R2] to the same value and adjust the sensitivity to approx. 100 % level.
2. Adjust GAIN_CONT [G1], [G2], [B1], and [B2] in the same way as step 1.



Fine adjustment

1. Set in the SERVICE menu as shown below.
   MENU: SERVICE
   PAGE: OHB_ADJ1
   ITEM: FILTER: OFF
   ITEM: MONITOR SEL: R
2. Adjust the grayscale 100 % white level so that it equals between channels A and B.



3. Make the same adjustment for channels G and B.
4. Execute file storing for each format.
   MENU: SERVICE
   PAGE: OHB_ADJ1
   ITEM: STORE FILE

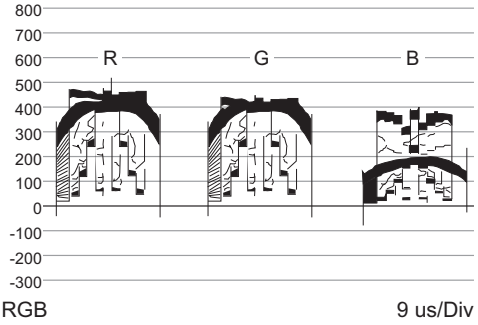
3-3-4. V-SUB Adjustment

Preparation

- Setting for MSU-1000
  MASTER GAIN → 0
  DETAIL OFF button → OFF (lit)
  LVL DEP OFF button → OFF (lit)
  MATRIX OFF button → OFF (lit)
  GAMMA OFF button → OFF (lit)
- Shoot the grayscale chart so that the chart frame is aligned with the under scanned monitor frame.
- Lens iris: Open

Adjustment Procedure

1. Open the following items with SERVICE menu.
   MENU: SERVICE
   PAGE: OHB_ADJ2
   ITEM: V-SUB [R], [G], [B]
2. Turn the TEST MODE setting to ON.
   TEST MODE: ON
3. Adjust V-SUB for each channel in each format so that the clip level becomes the value in the table below with the lens iris open.



Format	R	G	B
1080/59.94i (50i)	450 mV	450 mV	370 mV
1080/59.94P (50P)	435 mV	450 mV	220 mV
1080/29.97PsF (25PsF)	415 mV	400 mV	185 mV

4. Execute file storing for each format.
   MENU: SERVICE
   PAGE: OHB_ADJ2
   ITEM: STORE FILE

3-3-5. Black Shading Adjustment

Preparation

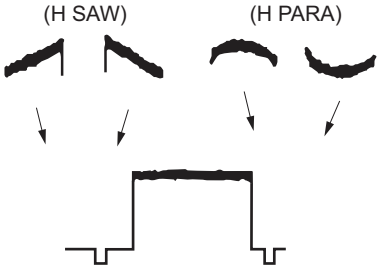
- Setting for MSU-1000
  CLOSE button → ON (lit)
  GAMMA OFF button → OFF (lit)
  MASTER GAIN → 12
  MASTER BLACK → 30

Adjustment Procedure

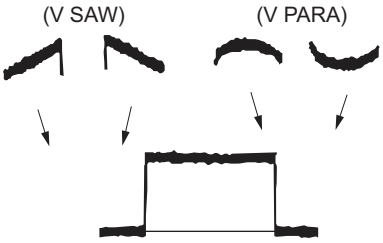
1. Open the following items with SERVICE menu.
   MENU: SERVICE
   PAGE: BLACK SHADING
   ITEM: H SAW, H PARA, V SAW, V PARA [R], [G], [B]

2. Adjust this so that the R channel becomes as flat as possible.
   (Check this in the mode of V: FIELD, H: LINE.)

H: LINE



V: FIELD



3. Make the same adjustment for channels G and B.
4. Execute file storing for each format.
   MENU: SERVICE
   PAGE: BLACK SHADING
   ITEM: STORE FILE

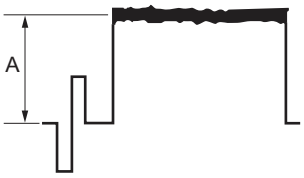
3-3-6. White Shading Adjustment

Note

When performing the white shading adjustment, make sure that the following conditions are proper. If not, proper adjustment cannot be obtained.

Preparation

- Setting for MSU-1000
  KNEE OFF button → OFF (lit)
- Shoot the full-white pattern so that it is aligned with the under scanned monitor frame.
- Lens iris: A = 600 ±20 mV (F4 to F5.6)
  If the lens aperture is greater than F5.6, adjust the light amount with the shutter.



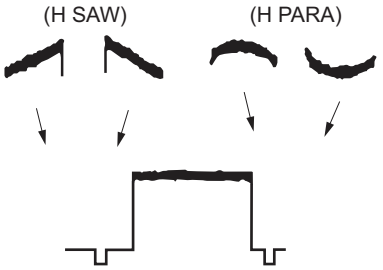
- Lens focus: ∞
- Lens extender/shrinker: ×2, ×0.8 → OFF

- Set the camera setup menu as follows.
  MENU: OPERATION
  PAGE: LENS FILE
  ITEM: FILE
  Select the file in accordance with the lens attached. If there is no appropriate file, select NO OFFSET, then change the name of lens with MSU.

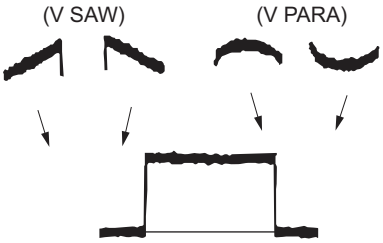
Adjustment Procedure

1. Operate the control panel of MSU-1000, and perform the automatic white balance adjustment.
   WHITE button → ON (lit)
2. If the shading is monitored, adjust it with menu control of MSU-1000.
   1) MAINTENANCE button → ON (lit)
   2) Touch panel operation: [Camera] → [White Shading] → [R]
3. Adjust this so that the R channel becomes as flat as possible.
   (Check this in the mode of V: FIELD, H: LINE.)

H: LINE



V: FIELD



4. Make the same adjustment for channels G and B.
5. Operate the control panel of MSU-1000, and perform the automatic white balance adjustment.
   WHITE button → ON (lit)

OHB File Store

1. Operate the menu of MSU-1000.
   1) FILE button → ON (lit)
   2) Touch panel operation: [OHB File] → [OHB Store] → [Store]
2. When the store operation is completed, the message “Completed” is displayed.

Adjustment for Lens Extender/Shrinker

When the WHITE or shading of V is out of alignment by using the lens extender or lens shrinker, perform the following lens adjustment after the completion of OHB file store.

1. Operate the control panel of MSU-1000, and perform the automatic white balance adjustment.
   WHITE button → ON (lit)
2. (In the status of lens: ×1) Perform the lens file store with MSU-1000 menu operation.
   1) FILE button → ON (lit)
   2) Touch panel operation: [Lens File] → [Lens Store] → [Store]
3. Lens extender (×2) → ON
   or lens shrinker (×0.8) → ON
4. Operate the control panel of MSU-1000, and perform the automatic white balance adjustment.
   WHITE button → ON (lit)
5. Operate the menu of MSU-1000.
   1) MAINTENANCE button → ON (lit)
   2) Touch panel operation: [Lens] → [V Mod Saw]
   Adjustment item: R, G, B
   Specification: Set the V modulation correction value as required.
6. Excute the lens file store with MSU-1000 menu operation.
   1) FILE button → ON (lit)
   2) Touch panel operation: [Lens File] → [Lens Store] → [Store]
7. Lens extender (×2) → OFF
   or lens shrinker (×0.8) → OFF

3-4. Video System Level Adjustment

Note

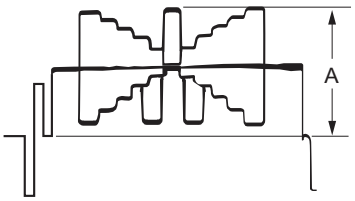
Perform the video system level adjustment according to customer needs.

3-4-1. H/V Ratio Adjustment

Equipment: Waveform monitor (R, G, B)
Test Point: SDI 1 connector
Object: Grayscale chart

Preparation

- Setting for MSU-1000
  DETAIL OFF button → ON (dark)
  KNEE OFF button → OFF (lit)
- Shoot the grayscale chart so that the chart frame is aligned with the under scanned monitor frame.
- Lens iris: A = 600 ±20 mV (F4 to F5.6)
  If the lens aperture is greater than F5.6, adjust the light amount with the shutter.



Adjustment Procedure

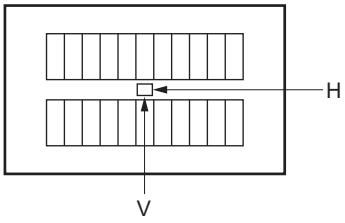
1. Operate the menu of MSU-1000.
   1) PAINT button → ON (lit)
   2) Touch panel operation: (Page 1) → [Detail] → [1/3]
      Set each item as follows:
      - Level → 99
      - Limiter → 0
      - Crispening → –25
      - Level Dep → 25

      Note

      After adjustment is completed, return these setting to customer settings.

2. Operate the menu of MSU-1000.
   Touch panel operation: (Page 1) → [Detail] → [2/3]

3. Adjust the H/V Ration adjustment, a ratio between H and V detail amounts (white) to be added shall be equal. (Reference value: 20 to 40)

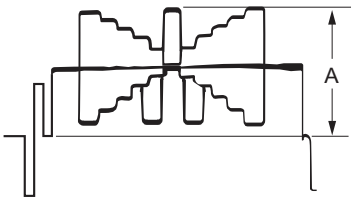


3-4-2. Detail Level Adjustment

Equipment: Waveform monitor (R, G, B)
Test Point: SDI 1 connector
Object: Grayscale chart

Preparation

- Setting for MSU-1000
  DETAIL OFF button → ON (dark)
  KNEE OFF button → OFF (lit)
- Shoot the grayscale chart so that the chart frame is aligned with the under scanned monitor frame.
- Lens iris: A = 600 ±20 mV (F4 to F5.6)
  If the lens aperture is greater than F5.6, adjust the light amount with the shutter.



Adjustment Procedure

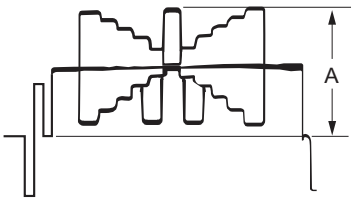
1. Operate the menu of MSU-1000.
   1) PAINT button → ON (lit)
   2) Touch panel operation: (Page 1) → [Detail] → [1/3]
2. Adjust the detail level to be added to each step of the grayscale to the desired level.

3-4-3. Crispening Adjustment

Equipment: Waveform monitor (R, G, B)
Test Point: SDI 1 connector
Object: Grayscale chart

Preparation

- Setting for MSU-1000
  DETAIL OFF button → ON (dark)
- Shoot the grayscale chart so that the chart frame is aligned with the under scanned monitor frame.
- Lens iris: A = 600 ±20 mV (F4 to F5.6)
  If the lens aperture is greater than F5.6, adjust the light amount with the shutter.



Adjustment Procedure

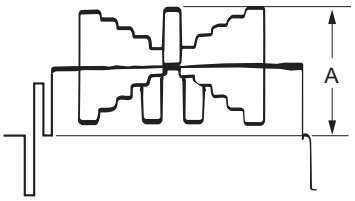
1. Operate the control panel of MSU-1000, and perform the automatic white balance adjustment.
   WHITE button → ON (lit)
2. Operate the menu of MSU-1000.
   1) PAINT button → ON (lit)
   2) Touch panel operation: (Page 1) → [Detail] → [1/3]
3. Set Crispening to -99 once, and turn slowly for increment until the noise at the black level of the waveform just decreases. Or adjust for the desired level.

3-4-4. Level Dependent Adjustment

Equipment: Waveform monitor (R, G, B)
Test Point: SDI 1 connector
Object: Grayscale chart

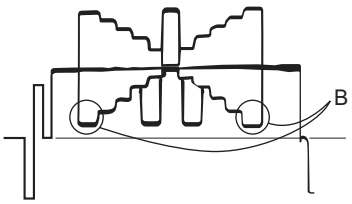
Preparation

- Setting for MSU-1000
  DETAIL OFF button → ON (dark)
- Shoot the grayscale chart so that the chart frame is aligned with the under scanned monitor frame.
- Lens iris: A = 600 ±20 mV (F4 to F5.6)
  If the lens aperture is greater than F5.6, adjust the light amount with the shutter.



Adjustment Procedure

1. Operate the menu of MSU-1000.
   1) PAINT button → ON (lit)
   2) Touch panel operation: (Page 1) → [Detail] → [1/3]
2. Set Level Dep to -99 once, and turn slowly for increment until spikes at portions B just decrease. Or adjust for the desired level.



Note

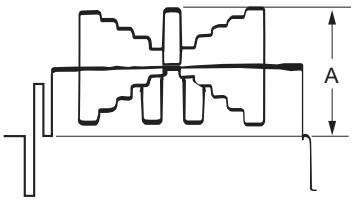
After adjustment is completed, be sure to perform "3-4-1. H/V Ratio Adjustment Preparation".

3-4-5. Detail Clip Adjustment

Equipment: Waveform monitor (R, G, B)
Test Point: SDI 1 connector
Object: Grayscale chart

Preparation

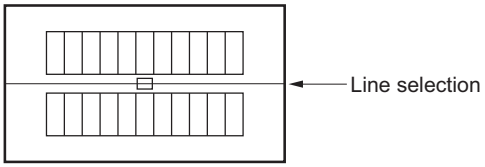
- Setting for MSU-1000
  DETAIL OFF button → ON (dark)
  KNEE OFF button → OFF (lit)
- Shoot the grayscale chart so that the chart frame is aligned with the under scanned monitor frame.
- Lens iris: A = 600 ±20 mV (F4 to F5.6)
  If the lens aperture is greater than F5.6, adjust the light amount with the shutter.



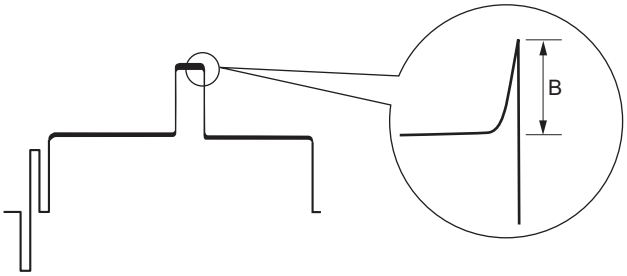
Adjustment Procedure

1. Operate the control panel of MSU-1000, and perform the automatic white balance adjustment.
   WHITE button → ON (lit)

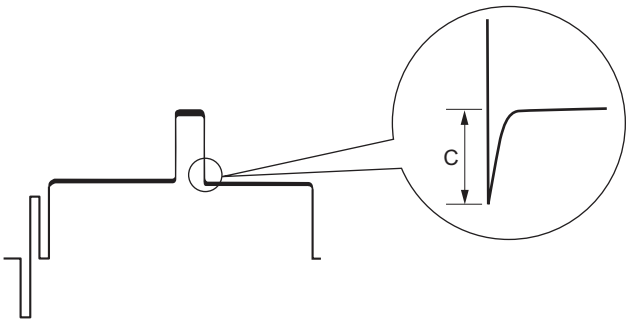
2. Make a line selection at the center white portion of the grayscale chart.



3. Operate the menu of MSU-1000.
   1) PAINT button → ON (lit)
   2) Touch panel operation: (Page 1) → [Detail] → [3/3]
4. Adjust the edge at portion B to the desired clip level.



5. Operate the menu of MSU-1000.
   1) PAINT button → ON (lit)
   2) Touch panel operation: (Page 1) → [Detail] → [3/3]
6. Adjust the edge at portion C to the desired clip level.



3-4-6. Auto-iris Adjustment

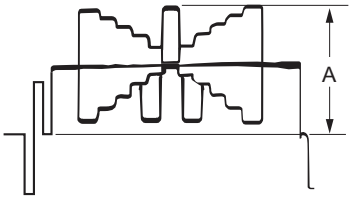
Equipment: Waveform monitor (R, G, B)
Test Point: SDI 1 connector
Object: Grayscale chart

Preparation

- Setting for MSU-1000
  AUTO IRIS button → ON (lit)
  DETAIL OFF button → ON (dark)
  KNEE OFF button → OFF (lit)
- Shoot the grayscale chart so that the chart frame is aligned with the under scanned monitor frame.

Adjustment Procedure

1. Operate the control panel of MSU-1000, and perform the automatic white balance adjustment.
   WHITE button → ON (lit)
2. Operate the menu of MSU-1000.
   1) MAINTENANCE button → ON (lit)
   2) Touch panel operation: [Lens] → [Auto Iris Setting]
3. Adjust the APL ration adjustment, set the auto-iris operation mode as required.
   (It can be set between the average and the peak value of video signal.)
   99 → average
   -99 → peak value
4. Set the auto-iris by the adjustment item Level to meet the specification below.
   Specification: A = 700 ±7 mV



3-4-7. Pedestal Level Adjustment

Equipment: Waveform monitor (R, G, B)
Test Point: SDI 1 connector

Preparation

- Setting for MSU-1000
  CLOSE button → ON (lit)
- Shoot the grayscale chart so that the chart frame is aligned with the under scanned monitor frame.

Adjustment Procedure

1. Operate the menu of MSU-1000.
   1) PAINT button → ON (lit)
   2) Touch panel operation: (Page 1) → [Black]
2. Adjust the levels A to desired level for R, G and B respectively.
   To adjust all levels for R, G and B simultaneously, adjust them using Master.
   (Reference value: A = 21 mV)

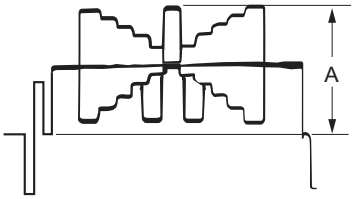
3-4-8. Flare Adjustment

Equipment: Waveform monitor (R, G, B)

Test Point: SDI 1 connector
Object: Grayscale chart

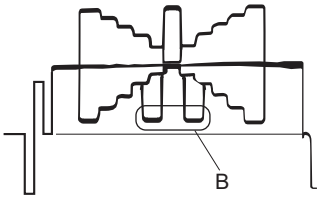
Preparation

- Setting for MSU-1000
  DETAIL OFF button → ON (dark)
  KNEE OFF button → OFF (lit)
  MATRIX OFF button → OFF (lit)
- Shoot the grayscale chart so that the chart frame is aligned with the under scanned monitor frame.
- Lens iris: A = 600 ±20 mV (F4 to F5.6)
  If the lens aperture is greater than F5.6, adjust the light amount with the shutter.



Adjustment Procedure

1. Operate the menu of MSU-1000.
   1) PAINT button → ON (lit)
   2) Touch panel operation: (Page 1) → [Flare]
2. Adjust the levels B to desired level for R, G and B respectively.
   To adjust all levels for R, G and B simultaneously, adjust them using Master.



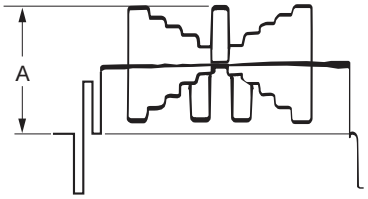
3-4-9. Gamma Correction Adjustment

Equipment: Waveform monitor (R, G, B)
Test Point: SDI 1 connector
Object: Grayscale chart

Preparation

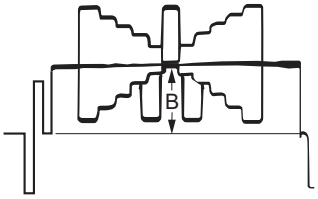
- Setting for MSU-1000
  KNEE OFF button → OFF (lit)
  GAMMA OFF button → ON (dark)
- Shoot the grayscale chart so that the chart frame is aligned with the under scanned monitor frame.

- Lens iris: A = 700 ±20 mV



Adjustment Procedure

1. Operate the control panel of MSU-1000, and perform the automatic white balance adjustment.
   WHITE button → ON (lit)
2. Operate the menu of MSU-1000.
   1) PAINT button → ON (lit)
   2) Touch panel operation: (Page 2) → [Gamma]
3. Adjust the levels B to desired level for R, G and B respectively.
   To adjust all levels for R, G and B simultaneously, adjust them using Master.



3-4-10. Knee Point/Knee Slope Adjustment

Equipment: Waveform monitor (R, G, B)
Test Point: SDI 1 connector

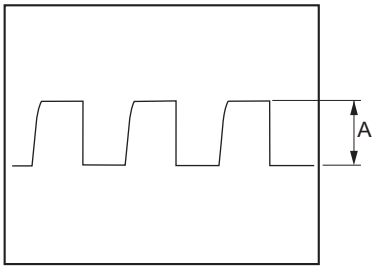
Preparation

- Setting for MSU-1000
  MASTER GAIN → 6
  TEST 1 button → ON (lit)
  KNEE OFF button → ON (dark)

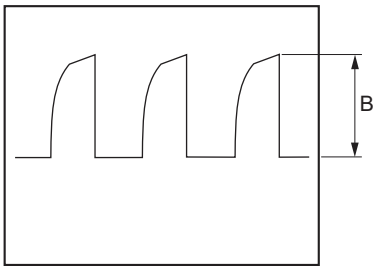
Adjustment Procedure

1. Operate the menu of MSU-1000.
   1) PAINT button → ON (lit)
   2) Touch panel operation: (Page 1) → [Knee] → [Knee Slope]
2. Set the Master adjustment to +99.
3. Operate the menu of MSU-1000.
   Touch panel operation: (Page 1) → [Knee] → [Knee Point]

4. Adjust the levels A to desired level for R, G and B respectively.
   To adjust all levels for R, G and B simultaneously, adjust them using Master.
   (Reference value: A = 686 mV)



5. Operate the menu of MSU-1000.
   Touch panel operation: (Page 1) → [Knee] → [Knee Slope]
6. Adjust the levels B to desired level for R, G and B respectively.
   To adjust all levels for R, G and B simultaneously, adjust them using Master.
   (Reference value: B = 735 mV)



Setting after Adjustment

- Setting for MSU-1000
  MASTER GAIN → 0
  TEST 1 button → OFF (dark)
  KNEE OFF button → OFF (lit)

3-4-11. White Clip Level Adjustment

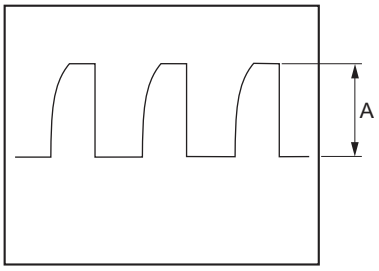
Equipment: Waveform monitor (R, G, B)
Test Point: SDI 1 connector

Preparation

- Setting for MSU-1000
  MASTER GAIN → 12
  TEST 1 button → ON (lit)

Adjustment Procedure

1. Operate the menu of MSU-1000.
   1) PAINT button → ON (lit)
   2) Touch panel operation: (Page 1) → [White Clip]
2. Adjust the levels A to desired level for R, G and B respectively.
   To adjust all levels for R, G and B simultaneously, adjust them using Master.
   (Reference value: A = 756 mV)



Setting after Adjustment

- Setting for MSU-1000
  MASTER GAIN → 0
  TEST 1 button → OFF (dark)

3-4-12. File Store

After adjustments described in "3-4. Video System Level Adjustment" are completed, be sure to execute the reference file store.

Reference File Store

1. Operate the menu of MSU-1000.
   1) FILE button → ON (lit)
   2) Touch panel operation: [Ref File] → [Ref Store] → [Store]
2. When the reference file entry is completed, a message "Completed" appears.

3-5. ND Offset Adjustment

3-5-1. White Balance Compensation

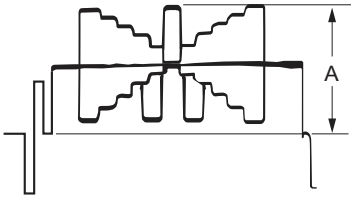
Note

When the filter disk unit is replaced alone, the correction of white balance is required. Proceed as follows.

Equipment: Waveform monitor (R, G, B)
Test Point: SDI 1 connector
Object: Grayscale chart

Preparation

- Setting for MSU-1000
  AUTO IRIS button → OFF (lit)
- Shoot the grayscale chart so that the chart frame is aligned with the under scanned monitor frame.
- Lens iris: A = 600 ±20 mV (F4 to F5.6)
  If the lens aperture is greater than F5.6, adjust the light amount with the shutter.



Adjustment Procedure

1. Operate the control panel of MSU-1000.
   FILTER CONTROL button → ON (lit)
2. Operate the control panel of MSU-1000, and select the ND filter 1.
   ND1 button → ON (lit)
3. Operate the control panel of MSU-1000, and perform the automatic white balance adjustment.
   WHITE button → ON (lit)
4. After the white balance adjustment is completed, switch the filter to ND filters 2 to 5, and adjust the white balance for each. Set the GAIN for each ND filter as follows so that the open end of the iris is not used.
   - MASTER GAIN setting of MSU-1000
     - ND filter 2: 0 dB
     - ND filter 3: 0 dB
     - ND filter 4: 6 dB
     - ND filter 5: 12 dB

OHB File Store

1. Operate the menu of MSU-1000.
   1) FILE button → ON (lit)
   2) Touch panel operation: [OHB File] → [OHB Store] → [Store]
2. When the store operation is completed, a message “OHB File Stored” appears.

Setting after Adjustment

Setting for MSU-1000
MASTER GAIN → 0

3-6. RPN Compensation

Notes

- The residual point noise (RPN) of the CCD is automatically compensated with the automatic compensation (APR) function usually during the automatic black balance adjustment (ABB). If the RPN still remains after the APR is executed, perform the manual RPN compensation adjustment.
- If any RPN still remains after the RPN compensation adjustment, handle it according to the flowchart.

3-6-1. Automatic Compensation (APR)

When an RPN is detected in the screen, perform the automatic black balance adjustment (ABB) and remove the RPN with the APR function.

Notes

- RPNs of only one channel (R, G, or B) can be detected and compensated with one-time APR. To scan these three channels, be sure to perform the ABB three times.
- The log of the address data of RPNs that have been compensated is updated each time the APR is performed. RPNs that are not detected with the APR function five times in a row, they are excluded from the scope of compensation and their data is deleted.

3-6-2. Manual RPN Compensation Adjustment

The manual RPN compensation adjustment uses the SERVICE menu. For how to change the setting value, refer to "5-1-1. How to Display the SERVICE Menu/ How to Change the Setting Values".
Open the MANUAL RPN [S03] page of the SERVICE menu.

```
<MANUAL RPN>      S03 TOP

 RPN CH SELECT    :      R
 RPN CURSOR       :    OFF
 CURSOR H POS.    :   1008
 CURSOR V POS.    :    576
 CURSOR JUMP      :   CURR
 RPN WIDTH        :      1
 RECORD RPN       :   EXEC
 DELETE RPN       :   EXEC
 MONITOR SEL      :  YPbPr
```

Preparation

Automatic Black Balance Adjustment (ABB)

1. The AUTO W/B BAL switch is pushed to the BLK side (lower).
2. When the adjustment is completed, a message "ABB: OK" appears.

Adjustment Procedure

Note

Points that are adjacent laterally and diagonally to already compensated RPNs cannot be compensated.

1. Select the channel (R, G, or B) that is to be compensated.
   ITEM: RPN CH SELECT → R, G, B

2. Adjust the H and V values and set the cross cursor center at the target RPN.
   When the cursor is placed accurately at the RPN position, the RPN is compensated.

   Note

   Some RPNs seem to have been compensated even if the cursor is placed off the RPNs by one line or one pixel. Before proceeding to step 3, shift the cursor by one line or one pixel and check that the compensation position is correct.
   ITEM: RPN CURSOR → ON
   ITEM: CURSOR H POS
   ITEM: CURSOR V POS

   Note

   One click of the rotary encoder is equivalent to one-pixel shift.
   On the other hand, the cursor moves by two clicks of the rotary encoder because the cursor has a size of two pixels.

3. Press the MENU SELECT switch to “ENTER” side, and record the RPN data (correction value).
   ITEM: RECORD RPN → EXEC
4. A message “RECORD DATA OK? YES → NO” appears.
   Check that the RPN has disappeared and then select “YES” with the rotary encoder.
5. Press the MENU SELECT switch to “ENTER” side. A message “COMPLETE!” appears and the RPN compensation starts.

   Note

   If a compensation pixel has been wrongly recorded, delete the RPN data.
   ITEM: DELETE RPN → EXEC

6. Repeat steps 2 to 5 to compensate other RPNs.
   If any RPN still remains after this manual adjustment, handle it according to the flowchart in “3-6-5. RPN Compensation Flowchart”.

Setting after Adjustment

ITEM: RPN CURSOR → OFF

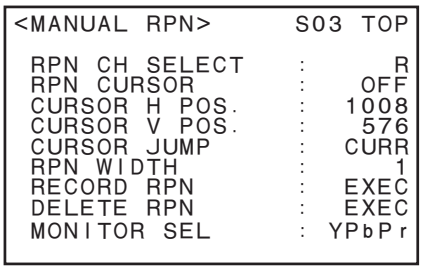
3-6-3. Procedures to be Taken when the RPN Compensation Fails

When the RPN compensation is not successful even after the manual RPN compensation adjustment was made, the following causes are possible.

- An adjacent wrong position was compensated.
- The compensation failed due to the influence of other RPNs.
- The RPN with a very large level has an extent over one pixel that was made in the signal generation process.

Checking Correction Points

1. Open the MANUAL RPN [S03] page of the SERVICE menu.



2. Set RPN CURSOR to ON.
   ITEM: RPN CURSOR → ON
3. Check whether there are any compensated pixels close to the pixel to be compensated with the CURSOR JUMP function.

   Note

   Correction points can be checked effectively by placing the cursor in advance close to the pixel to be compensated by using CURSOR H POS and CURSOR V POS.
   - When the target pixel is above the cursor position,
     ITEM: CURSOR JUMP → PREV
   - When the target pixel is under the cursor position,
     ITEM: CURSOR JUMP → NEXT

4. When the cursor stopped at a position near the target pixel:
   1) Delete the data because the data is recorded so as to compensate the pixel at the cursor position.
      ITEM: DELETE RPN → EXEC
   2) A message “DELETE DATA OK? YES → NO” appears. Select YES with the rotary encoder and then press the MENU SELECT switch to “ENTER” side.

      Note

      Appearance of an RPN next to the pixel to be compensated means that adjacent RPNs exit. If an RPN appears in the diagonal direction, the RPN cannot be compensated. In this case, the CCD or the CCD block must be replaced. For more information, contact your local Sony Sales Office/Service Center.

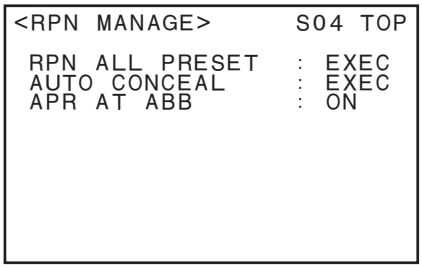
   3) If nothing has changed, change the compensation position.
      Move the cursor horizontally or vertically to check whether the RPN can be compensated.
   4) When the RPN has been successfully compensated, record the data.
      ITEM: RECORD RPN → EXEC
   5) A message “RECORD DATA OK? YES → NO” appears. Select YES with the rotary encoder and then press the MENU SELECT switch to “ENTER” side.
   6) A message “COMPLETE!” appears and the data is recorded.

      Note

      When two RPNs are vertically adjacent to each other, record the data at the position where one RPN can be compensated.
      Then shift the cursor vertically by 1 at the same horizontal address and check whether the other RPN can becompensated.
      When the other RPN has been successfully compensated, record the data of the RPN.
      When two RPNs are horizontally adjacent to each other, move the cursor to the position where the left RPN can be compensated. Next, set RPN WIDTH to 2 and record the data, and then check whether these RPNs can be successfully compensated.
      If the RPN compensation failed, delete the data.
      Increase RPN WIDTH to 3, 4, ..., and select a value that allows the best compensation.
      For an RPN that has a horizontal extent (smear), increase RPN WIDTH from 1 to 2, 3, 4, ..., and select a value that allows the best compensation.

3-6-4. Performing Automatic RPN Detection Effectively

1. Open the RPN MANAGE [S04] page of the SERVICE menu.



2. Only perform the APR of RPNs.
   ITEM: AUTO CONCEAL → EXEC

   Note

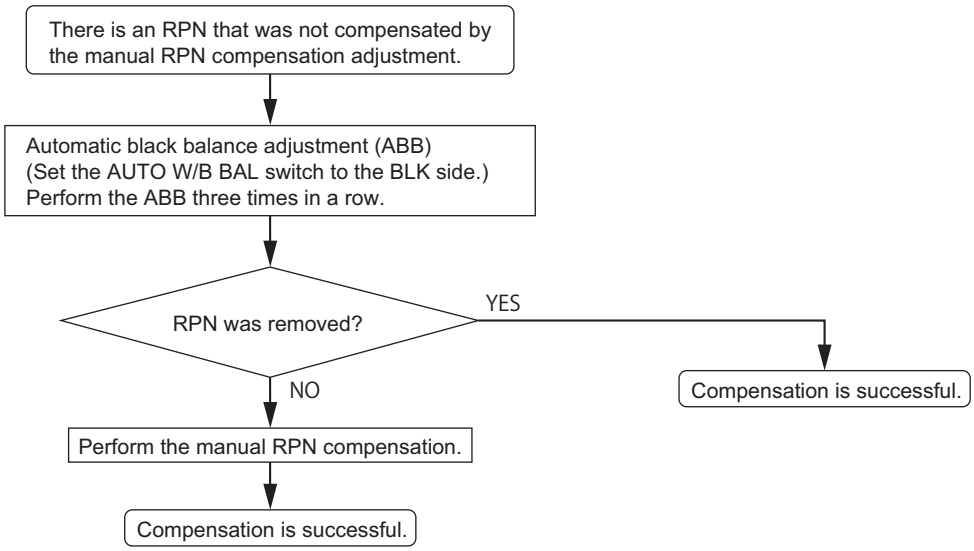
   RPNs of three channels are automatically detected at the same time through this operation.

   Notes

   - Set IRIS at the CLOSE position.
   - Set the BARS switch to OFF.
   - Set the SHUTTER switch to OFF.
   - If AUTO CONCEAL is executed with a wrong switch setting, delete all the recorded data. Make these settings and execute AUTO CONCEAL carefully so that the RPN compensated data is not deleted completely.
     ITEM: RPN ALL PRESET → EXEC

3-6-5. RPN Compensation Flowchart

If any RPN still remains after the manual RPN compensation adjustment, handle the RPN according to the following flowchart.



Section 4
File System

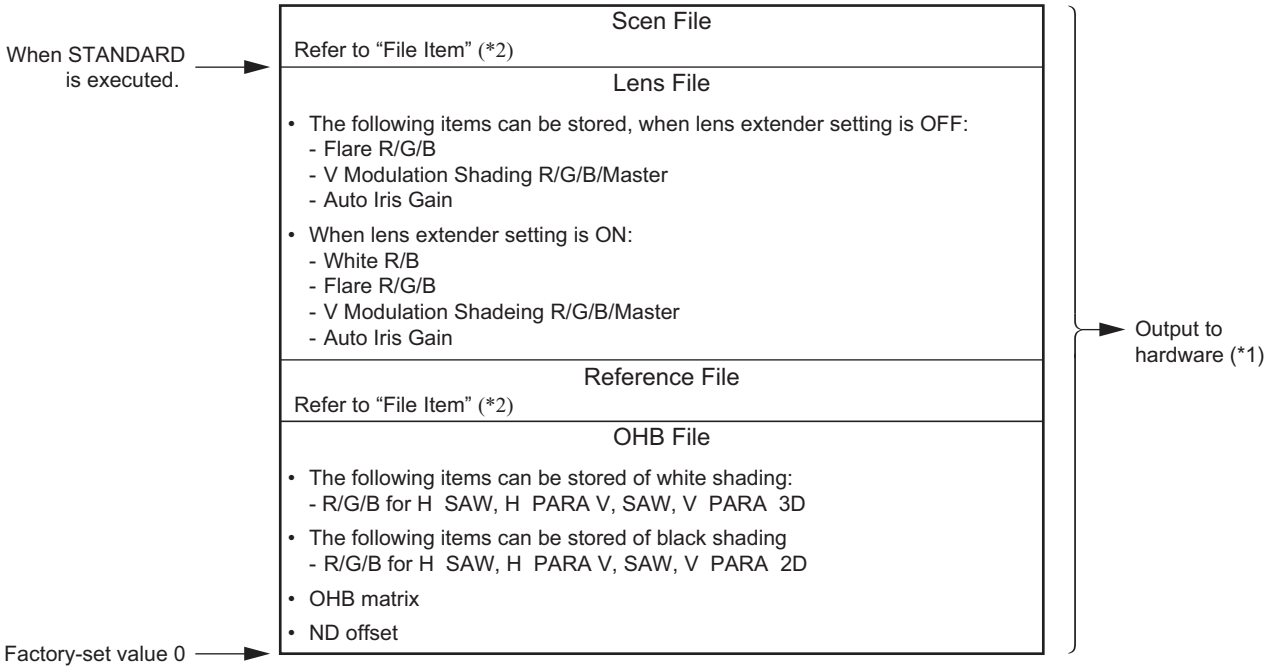
This unit is equipped with various file systems for managing data.
In this section, the menu operations are described as follows.
Example: When executing WRITE (CAM → USB) on the OPERATOR FILE page of the OPERATION
[OPERATION] → [OPERATOR FILE] → [WRITE (CAM → USB)]
As for the details on the setup menu, refer to “5. Setup Menu”.

4-1. File Structure

The following six types of files are available. As for the items to be stored in each file, refer to“4-8. File Items”.

1. Operator File (Refer to “4-2. Operator File”)
   Stores the items displayed on the viewfinder and switch settings for camera operator. This file can be stored in a USB drive, yet video data (paint data) cannot be stored.
2. Preset Operator File (Refer to “4-3. Preset Operator File”)
   Stores the standard settings of Operator File.
   This file can be stored in the camera, yet video data (paint data) cannot be stored.
3. Scene File (Refer to “4-4. Scene File”)
   Stores the temporary video setting data according to the scene. This file can be stored in the camera and a USB drive.
4. Reference File (Refer to “4-5. Reference File”)
   Stores the custom paint data adjusted by the video engineer. This file can be stored in the camera and a USB drive.
5. Lens File (Refer to “4-6. Lens File”)
   Used for compensation of the deviation which is generated by switching the lens extender from OFF to ON and for compensation of the difference in the characteristics between lenses.
   This file is stored in the camera.
6. OHB File (Refer to “4-7. OHB File”)
   Used for adjustment of the CCD block maintenance. This file can be stored in the camera.

4-1-1. Structure of Paint Related Files



(*1): The additional data of each file is sent to each circuit in the unit.

(*2): For items that can be stored in the scene file and the reference file, refer to “4-8. File Items”.

4-2. Operator File

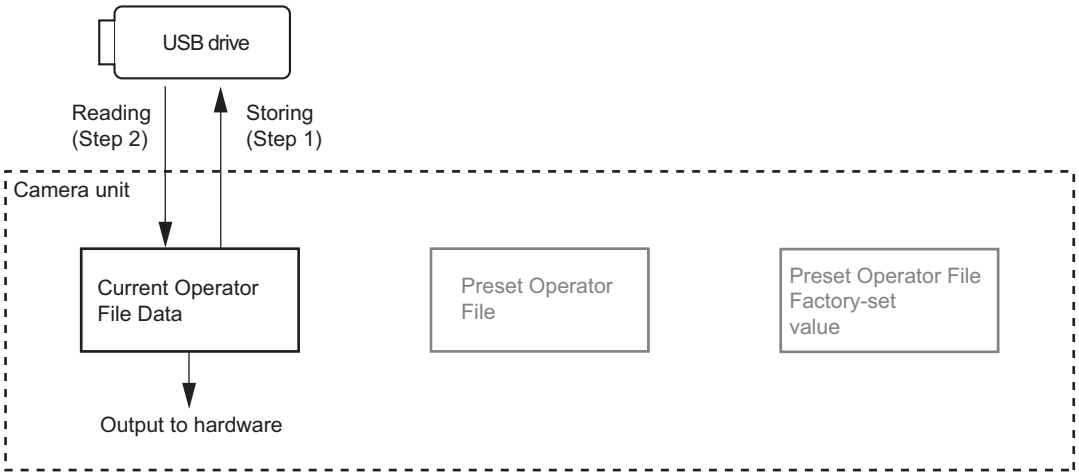
Operator File stores data in the USB drive. Data is stored and read using the setup menu.

Notes

- Operator file data stored in the USB drive cannot be read when the power is just turned ON.
- The current operator file data is retained even when the power is turned off by the power switch.

4-2-1. Operator File Operation

Outline Figure of Operation



Storing

Reference: Refer to step 1 of “Outline Figure of Operation”.

Using OPERATION Menu of This Unit

Stores the current status in the USB drive.

[OPERATION] → [OPERATOR FILE] → [WRITE (CAM → USB)]

Reading

Reference: Refer to step 2 of “Outline Figure of Operation”.

Using OPERATION Menu of This Unit

Reads the operator file stored in the USB drive to the camera.

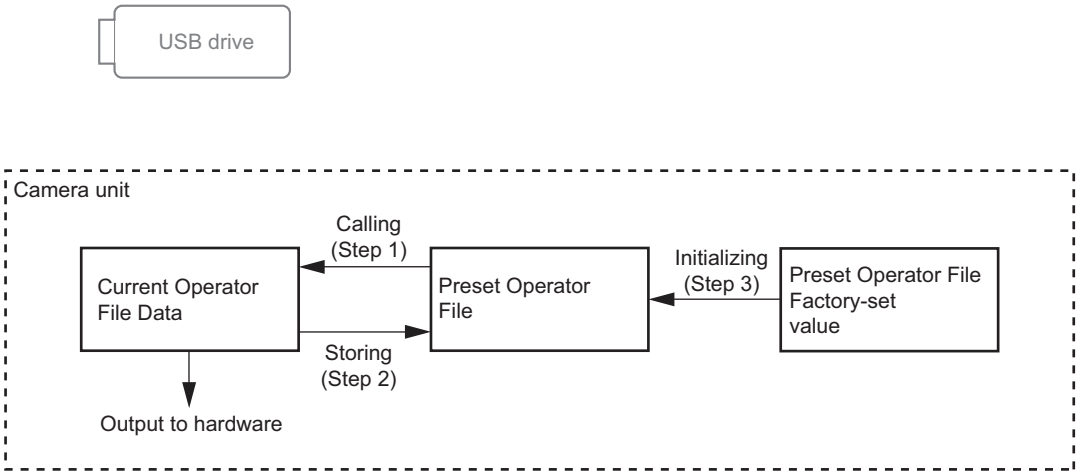
[OPERATION] → [OPERATOR FILE] → [READ (USB → CAM)]

4-3. Preset Operator File

Preset Operator File stores data in the camera. Data is called and stored using the setup menu. Items to be stored as Preset Operator File are the same as Operator File.

4-3-1. Preset Operator File Operation

Outline Figure of Operation



Calling

Reference: Refer to step 1 of “Outline Figure of Operation”.

Using OPERATION Menu of This Unit

Calls the preset operator file stored in the camera as the current operator file.
[OPERATION] → [OPERATOR FILE] → [PRESET]

Storing

Reference: Refer to step 2 of “Outline Figure of Operation”.

Using FILE Menu of This Unit

Stores the current operator file as the preset operator file.
[FILE] → [OPERATOR FILE] → [STORE PRESET FILE]

Initiallizing

Reference: Refer to step 3 of “Outline Figure of Operation”.

Using FILE Menu of This Unit

Re-set the preset operator file to the factory settings.
[FILE] → [FILE CLEAR] → [PRESET OPERATOR]

4-4. Scene File

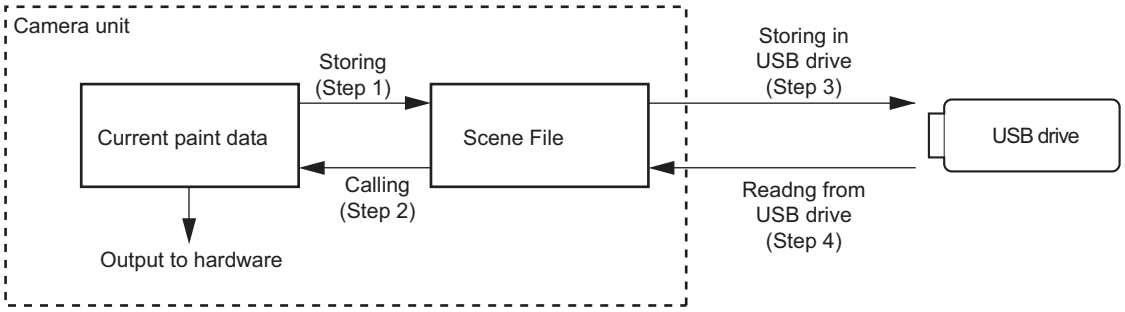
Scene files can be stored in the camera and USB drive.
Scene files can also be stored in the USB drive if the master setup unit (MSU) is used. For details, refer to the MSU operation manual.
Data is stored and called using the setup menu or MSU.
Scene files can be copied between cameras using the USB drive.

Note

Scene Files are files for storing the differences from the Reference File. Therefore, when the Reference File is changed, output of the Scene File item corresponding to the item changed in the Reference File also varies.

4-4-1. Scene File Operation

Outline Figure of Operation



Storing

Reference: Refer to step 1 of “Outline Figure of Operation”.

Using PAINT Menu of This Unit

1. Change the scene file item to the desired value.
2. Select the scene file number [1 to 5] to be stored.
   [PAINT] → [SCENE FILE] → [STORE] → [1 to 5]

With MSU (Master Setup Unit)

1. Change the scene file item to the desired value.
2. Press the STORE button in the functional operation area on the operation panel.
3. Press the scene file number button in the functional operation area on the operation panel.

Calling and Clearing the Call

Reference: Refer to step 2 of “Outline Figure of Operation”.

Using PAINT Menu of This Unit

Select the scene file number to be called on the SCENE FILE page.
[PAINT] → [SCENE FILE] → [1 to 5]
A file currently being called is indicated with its file number highlighted. Select the number again to cancel the call and resume the previous status.

With MSU (Master Setup Unit)

When the number button of the scene file you want to call is pressed and lit while the STORE button on the operation panel is not lit, the scene file of the number is called. Repressing the number button cancels calling of the scene file and the state before calling is restored.

Storing the Scene File to the USB Drive

Reference: Refer to step 3 of “Outline Figure of Operation”.

Using PAINT Menu of This Unit

Stores the scene file stored in the camera in the USB drive.
[PAINT] → [SCENE FILE] → [WRITE (CAM → USB)]

Reading the Scene File from the USB Drive

Reference: Refer to step 3 of “Outline Figure of Operation”.

Using PAINT Menu of This Unit

Reads the scene file stored in the USB drive to the camera.
[PAINT] → [SCENE FILE] → [READ (USB → CAM)]

Note

Scene File data stored in the USB drive cannot be read when the power is just turned on.

4-5. Reference File

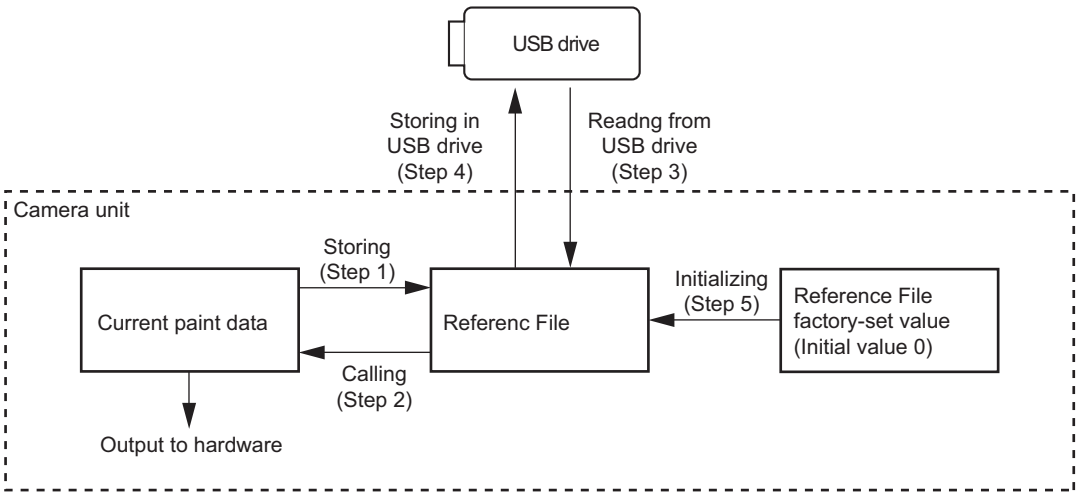
Reference files can be stored in the camera and USB drive.
Reference files can also be stored in the memory stick if the master setup unit (MSU) is used. For details, refer to the MSU operation manual.
Data is stored and called using the setup menu or MSU.
Reference files can be copied between cameras using the USB drive.

Note

Reference File stores the differential data taking the factory-setting as 0. Therefore, initializing the Reference File brings the settings to the same status at the factory setting. If Lens File or OHB File retains the data, they need to be initialized as well.
To initialize data, use the setup menu. You can select all file items or only specified items to initialize.

4-5-1. Reference File Operation

Outline Figure of Operation



Storing

Reference: Refer to step 1 of “Outline Figure of Operation”.

Using FILE Menu of This Unit

Reference file is stored in the camera and the numerical data is displayed as 0. (Excluding some items. Refer to “4-8. File Items”.)
[FILE] → [REFERENCE] → [STORE FILE]

With MSU (Master Setup Unit)

1. Press the FILE button in the functional operation area on the operation panel.
2. Select [Ref File] → [Ref Store] by the menu operation.
   Reference file is stored in the camera and the numerical data is displayed as 0. (Excluding some items. Refer to “4-8. File Items”.)

Calling

Reference: Refer to step 2 of “Outline Figure of Operation”. Refer to “4-1-1. Structure of Paint Related Files”.

Using PAINT Menu of This Unit

The temporary paint amount and scene file amount are cleared, and the state when the reference file was stored is restored.
[PAINT] → [SCENE FILE] → [STANDARD]

With MSU (Master Setup Unit)

Pressing the STANDARD button in the camera/panel control area on the operation panel restores the state when the reference file was stored.

Reading the Reference File from the USB Drive

Reference: Refer to step 3 of “Outline Figure of Operation”.

Using FILE/MAINTENANCE Menu of This Unit

Reference File data stored in the camera can be changed by reading the Reference File data stored in the USB drive.
[FILE] → [REFERENCE] → [READ (READ (USB → CAM)]

Note

Reference file data stored in the USB drive cannot be read when the power is just turned on.

Storing the Reference File in the USB Drive

Reference: Refer to step 4 of “Outline Figure of Operation”.

Using FILE Menu of This Unit

Stores the reference file stored in the camera in the USB drive.
[FILE] → [REFERENCE] → [WRITE (CAM → USB)]

Initializing All File Items

Reference: Refer to step 5 of “Outline Figure of Operation”.

Using FILE Menu of This Unit

Re-set the reference file to the factory settings (default value: 0).
[FILE] → [FILE CLEAR] → [REFERENCE (ALL)]

4-6. Lens File

The Lens File stores the differential data from the Reference File.
Lens File stores the data to compensate the differences of the white shading, flare balance, and white balance, which occur when the lens extender is set to ON. It also stores the minimum f-stop value and name of the lens.
These adjustment data are stored in the camera. Lens File data of up to 25 files can be stored.
The adjustment data can be called by selecting a Lens File.

Note

Before creating the Lens File, perform the necessary adjustments by using the lens usually used and register the Reference File.

4-6-1. Lens File Operation

Adjusting the Lens File Data

Using a lens that is not compatible with serial communication

1. Mount the lens and select the file with the same name as the mounted lens from the setup menu. If no file with the same name as the lens exists, select NO OFFSET.
   [FILE] → [LENS FILE] → [No.] (Select a lens number)
2. Set the lens name and minimum f-stop value.
3. Set the lens extender to OFF.
4. Shoot the white pattern, and fine-adjust it with V modulation R/G/B/Master so that the video level is around 80% (560 mV) with the lens iris set around F4 and the zoom control in the center of the ring.
   [PAINT] → [VIDEO LEVEL] → [V MOD R/G/B/M]
5. Adjust the white balance and flare balance with the grayscale chart.
6. Zoom the lens and adjust the center marker to a position at which the object does not deviate.

   Note

   The center marker position is stored in the Lens File immediately after the position is aligned.
   Note that the center marker position is not stored when Lens File Store is executed.

7. Execute Lens File Store.
   [FILE] → [LENS FILE] → [STORE FILE]
8. Set the lens extender to ON and repeat steps 4 to 7.

For lens compatible with serial communication

1. Check that the lens number is No. 17.
2. Also check that the name of the lens and minimum f-stop value.

3. Turn on the dynamic shading.

   Note

   If using the lens compatible with serial communication with the dynamic shading turned on, you do not require the V modulation adjustment. Adjust the white shading or V modulation only when the deviation occurs. In this case, the data will not be stored in the Lens File.

   - Automatic white shading adjustment:
     Shoot the white pattern so that the video level is around 80% (560 mV).
     [MAINTENANCE] → [WHITE SHADING] → [AUTO WHITE SHADING]
     Or adjust the R/G/B/ white shading V SAW, V PARA, H SAW, and H PARA.
     [MAINTENANCE] → [WHITE SHADING] → [V SAW R/G/B], [V PARA R/G/B], [H SAW R/G/B], [H PARA R/G/B]
   - V modulation adjustment:
     Shoot the white pattern, and fine-adjust it with V modulation R/G/B/Master so that the video level is around 80% (560 mV) with the lens iris set around F4 and the zoom control in the center of the ring.
     [PAINT] → [VIDEO LEVEL] → [V MOD R/G/B/M]
4. Set the lens extender to OFF.
5. Adjust the white balance and flare balance with the grayscale chart.
6. Zoom the lens and adjust the center marker to a position at which the object does not deviate.

   Note

   The center marker position is stored in the Lens File immediately after the position is aligned, and is not stored when Lens File Store is executed.

7. Execute Lens File Store.
   [FILE] → [LENS FILE] → [STORE FILE]
8. Set the lens extender to ON and repeat steps 5 to 7.

Calling

Using OPERATION Menu of This Unit

Calls the lens file stored in the camera.
[OPERATION] → [LENS FILE]

4-7. OHB File

OHB File is used to store the adjustment values specific to the CCD block.
OHB File data is stored in the camera.

4-7-1. OHB File Operation

Adjusting and Storing

Using FILE/MAINTENANCE Menu of This Unit

1. Calls the reference file stored in the camera.
   [FILE] → [REFERENCE] → [STANDARD]
2. Perform the automatic black shading adjustment.
   [MAINTENANCE] → [BLACK SHADING] → [AUTO BLACK SHADING]
   Repeat this operation 3 times or more.
   When adjustment is not completed correctly, adjust the black shading automatically again, or adjust the black shading V SAW, V PARA, H SAW, and H PARA on R/G/B respectively.
   [MAINTENANCE] → [BLACK SHADING] → [V SAW R/G/B], [V PARA R/G/B], [H SAW R/G/B] , [H PARA R/G/B]
3. Perform the automatic black balance adjustment.
   [MAINTENANCE] → [AUTO SETUP] → [AUTO BLACK]
4. Perform the automatic white shading adjustment.
   Shoot the white pattern so that the video level is around 80% (560 mV).
   [MAINTENANCE] → [WHITE SHADING] → [AUTO WHITE SHADING]
   Repeat this operation 3 times or more.
   When adjustment is not completed correctly, adjust the white shading automatically again, or adjust the white shading V SAW, V PARA, H SAW, and H PARA on R/G/B respectively.
   [MAINTENANCE] → [WHITE SHADING] → [V SAW R/G/B], [V PARA R/G/B], [H SAW R/G/B] , [H PARA R/G/B]
5. Adjust the ND offset for all of ND filter 1 to ND filter 5.

   Note

   To change ND filters, turn the ND filter switching knob while pressing the FILTER LOCAL button.

   1) Select 5 with the ND filter knob, and shoot the white pattern so that the video level is 50% (350 mV) or more.
   2) Select 1 with the ND filter knob, and adjust the lens iris so that the video level is 80 to 50% (560 to 350 mV), and then perform the automatic white balance adjustment.
   3) Select 2 with the ND filter knob, and adjust in the same manner as step 2).
   4) Select 3 with the ND filter knob, and adjust in the same manner as step 2).
   5) Select 4 with the ND filter knob, and adjust in the same manner as step 2).
   6) Select 5 with the ND filter knob, and adjust in the same manner as step 2).
6. Perform the OHB matrix adjustment.
   [MAINTENANCE] → [OHB MATRIX] → [OHB MATRIX: ON]
7. Store the OHB File.
   [FILE] → [OHB FILE] → [STORE FILE]

With MSU (Master Setup Unit)

1. Press the STANDARD button in the camera/panel control area on the operation panel (ON: lit).
2. Press the FILE button in the menu operation area on the operation panel (ON: lit).

3. Perform the automatic black shading adjustment.
   [OHB File] → [Auto B. Shading]
   Repeat this operation 3 times or more.
   When adjustment is not completed correctly, adjust the black shading automatically again, or adjust the black shading V SAW, V PARA, H SAW, and H PARA on R/G/B respectively.
   [OHB File] → [Adjusting] → [Black Shading] → [R/G/B] → [V SAW], [V PARA], [H SAW] , [H PARA]
4. Perform the automatic black balance adjustment.
   Press the BLACK button in the camera/panel control area on the operation panel (ON: lit) or select [OHB File] → [Auto Black] by the menu operation.
5. Perform the automatic white shading adjustment.
   Shoot the white pattern so that the video level is around 80% (560 mV).
   [OHB File] → [Auto W. Shading]
   Repeat this operation 3 times or more.
   When adjustment is not completed correctly, adjust the white shading automatically again, or adjust the white shading V SAW, V PARA, H SAW, and H PARA on R/G/B respectively.
   [OHB File] → [Adjusting] → [White Shading] → [R/G/B] → [V SAW], [V PARA], [H SAW] , [H PARA]
6. Adjust the ND offset for all of ND filter 1 to ND filter 5.

   Note

   To change ND filters, turn the ND filter switching knob while pressing the FILTER LOCAL button.

   1) Select 5 with the ND filter knob, and shoot the white pattern so that the video level is 50% (350 mV) or more.
   2) Select 1 with the ND filter knob, and adjust the lens iris so that the video level is 80 to 50% (560 to 350 mV), and then perform the automatic white balance adjustment.
   3) Perform the automatic white shading adjustment.
      Press the WHITE button in the camera/panel control area on the operation panel (ON: lit) or select [OHB File] → [Auto White] by the menu operation.
   4) Select 2 with the ND filter knob, and adjust in the same manner as step 2) to 3).
   5) Select 3 with the ND filter knob, and adjust in the same manner as step 2) to 3).
   6) Select 4 with the ND filter knob, and adjust in the same manner as step 2) to 3).
   7) Select 5 with the ND filter knob, and adjust in the same manner as step 2) to 3).
7. Perform the OHB matrix adjustment.
   [OHB File] → [Adjusting] →[Matrix]
   Perform this adjustment only when it is necessary to adjust a slight difference in color reproduction.
8. Store the OHB File.
   [OHB File] → [OHB Store] → [Store]

4-8. File Items

You can save the data tat is set with the setup menu in files.
This section lists the destination files in which the respective setting data can be stored.
This section also shows the indication mode (absolute or relative) of each setting and the default settings when the unit was shipped from the factory.

Description on symbols

○: When executing each file store, it indicates items that can be stored in the file. (If ON or OFF is described in the list, the setting is stored as it is.)
×: Setting is not stored in the file.
—: Unstorable because of temporary operation, etc.

Function	Switch Item	Analog File	SCENE File	REFERENCE File	LENS File	OPERATOR File	OHB File	Note
GAIN	Master Gain Select		○	○	×	×	×	–6 dB to +12 dB
Iris		IRIS	×	×	×	×	×	
	Auto Iris on		○	○	×	×	×	
		Level	○	○	×	×	×	
		APL	○	○	×	×	×	
		Gain	○	○	○	×	×	
		Over ride	×	×	×	×	×	
	Detect Pattern		○	○	○	×	×	
	Close		×	OFF	×	×	×	
Shutter	Shutter ON		○	OFF	×	×	×	
	Shutter Select		○	×	×	×	×	
ECS	ECS ON		○	OFF	×	×	×	
		ECS Frequency	○	×	×	×	×	
Black Shading		Black Shading H Saw-R	×	×	×	×	○	
		Black Shading H Saw-G	×	×	×	×	○	
		Black Shading H Saw-B	×	×	×	×	○	
		Black Shading V Saw-R	×	×	×	×	○	
		Black Shading V Saw-G	×	×	×	×	○	
		Black Shading V Saw-B	×	×	×	×	○	
		Black Shading H Para-R	×	×	×	×	○	
		Black Shading H Para-G	×	×	×	×	○	
		Black Shading H Para-B	×	×	×	×	○	
		Black Shading V Para-R	×	×	×	×	○	
		Black Shading V Para-G	×	×	×	×	○	

Continued

Function	Switch Item	Analog File	SCENE File	REFERENCE File	LENS File	OPERATOR File	OHB File	Note
		Black Shading V Para-B	×	×	×	×	○	
	Auto Black Shading		×	×	×	×	×	
Black set		Black Set-R	×	×	×	×	○	
		Black Set-G	×	×	×	×	○	
		Black Set-B	×	×	×	×	○	
Test	Test1 on (TEST SAW)		×	×	×	×	×	
	Test2 ON		×	×	×	×	×	
	Test2 Mode 3step/10step		×	×	×	×	×	
Optical filter	Filter1 (ND)		○	×	×	×	×	
	Filter2 (CC)		○	×	×	×	×	
	Filter Remote/ Local		×	×	×	×	×	
5600k	5600K ON		○	OFF	×	×	×	
White Shading		White Shading H Saw-R	×	×	×	×	○	
		White Shading H Saw-G	×	×	×	×	○	
		White Shading H Saw-B	×	×	×	×	○	
		White Shading V Saw-R	×	×	×	×	○	
		White Shading V Saw-G	×	×	×	×	○	
		White Shading V Saw-B	×	×	×	×	○	
		White Shading H Para-R	×	×	×	×	○	
		White Shading H Para-G	×	×	×	×	○	
		White Shading H Para-B	×	×	×	×	○	
		White Shading V Para-R	×	×	×	×	○	
		White Shading V Para-G	×	×	×	×	○	
		White Shading V Para-B	×	×	×	×	○	
	Auto White Shading		×	×	×	×	×	
V Modulation	V Mod Shading OFF		×	ON	×	×	×	
		Mod Shading V Saw-R	×	×	○	×	×	
		Mod Shading V Saw-G	×	×	○	×	×	
		Mod Shading V Saw-B	×	×	○	×	×	
		Master V Mod Saw	×	×	○	×	×	

Continued

Function	Switch Item	Analog File	SCENE File	REFERENCE File	LENS File	OPERATOR File	OHB File	Note
	Dynamic Shading Compensation ON		×	×	×	×	×	
White		White-R	○	○	OFFSET	×	×	
		White-G	○	○	×	×	×	
		White-B	○	○	OFFSET	×	×	
		color temp	—	—	—	—	—	
		balance	—	—	—	—	—	
		Master White Gain	×	×	×	×	×	
	Auto White Balance		×	×	×	×	×	
Flare	Flare OFF		○	ON	×	×	×	
		Flare-R	○	○	○	×	×	
		Flare-G	○	○	○	×	×	
		Flare-B	○	○	○	×	×	
Black		Master Black	○	○	×	×	×	
		Black-R	○	○	×	×	×	
		Black-G	○	○	×	×	×	
		Black-B	○	○	×	×	×	
	Auto Black Balance		×	×	×	×	×	
Detail	Detail Off		○	ON	×	×	×	
		Detail Level	○	○	×	×	×	
		Detail Limiter	○	○	×	×	×	
		Detail White Limiter	○	○	×	×	×	
		Detail Black Limiter	○	○	×	×	×	
		Detail Crispening	○	○	×	×	×	
		H Detail Frequency	○	○	×	×	×	
		Mix Ratio	○	○	×	×	×	
	V DTL control mode		×	○	×	×	×	
		Detail H/V Ratio	○	○	×	×	×	
	Level Dep. Off		○	○	×	×	×	
		Detail Level Depend	○	○	×	×	×	
	Knee Aparture On		○	○	×	×	×	
		Knee Aparture	○	○	×	×	×	
Skin Detail	Skin DTL On		○	○	×	×	×	
	Natural Skin Detail ON		○	○	×	×	×	
	Skin gate ON		×	×	×	×	×	

Continued

Function	Switch Item	Analog File	SCENE File	REFERENCE File	LENS File	OPERATOR File	OHB File	Note
	Skin gate (CCU)		×	×	×	×	×	
	Skin Detail Auto Hue (ch1)		×	×	×	×	×	
	Skin Detail Auto Hue (ch2)		×	×	×	×	×	
	Skin Detail Auto Hue (ch3)		×	×	×	×	×	
	Skin 1 On		ON	ON	×	×	×	
	Skin 1 Gate On		×	×	×	×	×	
		Skin 1 Level	○	○	×	×	×	
		Skin 1 Phase	○	○	×	×	×	
		Skin 1 Width	○	○	×	×	×	
		Skin 1 Sat	○	○	×	×	×	
	Skin 2 On		○	○	×	×	×	
	Skin 2 Gate On		×	×	×	×	×	
		Skin 2 Level	○	○	×	×	×	
		Skin 2 Phase	○	○	×	×	×	
		Skin 2 Width	○	○	×	×	×	
		Skin 2 Sat	○	○	×	×	×	
	Skin 3 On		○	○	×	×	×	
	Skin 3 Gate On		×	×	×	×	×	
		Skin 3 Level	○	○	×	×	×	
		Skin 3 Phase	○	○	×	×	×	
		Skin 3 Width	○	○	×	×	×	
		Skin 3 Sat	○	○	×	×	×	
Matrix	Matrix Off		○	○	×	×	×	
	Preset Matrix on		○	○	×	×	×	
	Preset Matrix Sel		×	×	×	×	×	
	User Matrix on		○	○	×	×	×	
		R-G	○	○	×	×	×	
		R-B	○	○	×	×	×	
		G-R	○	○	×	×	×	
		G-B	○	○	×	×	×	
		B-R	○	○	×	×	×	
		B-G	○	○	×	×	×	
	Multi Matrix On		○	○	×	×	×	
		gate	×	×	×	×	×	
		Phase select	×	×	×	×	×	
		Hue	○	○	×	×	×	
		Saturation	○	○	×	×	×	
Digital liner saturation	saturation on		○	○	×	×	×	
		saturation	○	○	×	×	×	
OHB matrix	OHB Matrix On		×	○	×	×	×	
		Phase select	×	×	×	×	×	

Continued

Function	Switch Item	Analog File	SCENE File	REFERENCE File	LENS File	OPERATOR File	OHB File	Note
		Hue	×	×	×	×	○	
		Saturation	×	×	×	×	○	
Black Gamma	Black Gamma On		○	○	×	×	×	
		R Black Gamma	○	○	×	×	×	
		G Black Gamma	○	○	×	×	×	
		B Black Gamma	○	○	×	×	×	
		M Black Gamma	○	○	×	×	×	
	Black Gamma (RGB) Range		○	○	×	×	×	
Low key saturation	Low Key Saturation ON		○	○	×	×	×	
	Range		○	○	×	×	×	
		Low Key Saturation level	○	○	×	×	×	
Gamma	Gamma Off		○	ON	×	×	×	
	Gamma Category Select		○	○	×	×	×	
	STANDARD Gamma Table Select		○	○	×	×	×	
	HYPER Gamma Table Select		○	○	×	×	×	
	Cine Gamma Table Select		○	○	×	×	×	
	User Gamma Table Select		○	○	×	×	×	
	Step Gamma (0.90 ～ 0.35)		○	○	×	×	×	
		R Gamma	○	○ (RGB mode)	×	×	×	
		G Gamma	○	○	×	×	×	
		B Gamma	○	○ (RGB mode)	×	×	×	
		M Gamma	○	○	×	×	×	
Knee	Knee Off		○	○	×	×	×	
		R Knee point	○	○	×	×	×	
		G Knee point	○	○	×	×	×	
		B Knee point	○	○	×	×	×	
		M Knee point	○	○	×	×	×	
		R Knee Slope	○	○	×	×	×	
		G Knee Slope	○	○	×	×	×	
		B Knee Slope	○	○	×	×	×	
		M Knee Slope	○	○	×	×	×	
	Knee Max On		×	OFF	×	×	×	
	Knee Saturation on		○	○	×	×	×	

Continued

Function	Switch Item	Analog File	SCENE File	REFERENCE File	LENS File	OPERATOR File	OHB File	Note
		Knee saturation	○	○	×	×	×	
	Auto Knee (DCC) on		○	○	×	×	×	
		Auto Knee Point Limit	○	○	×	×	×	
		Auto Knee Slope	○	○	×	×	×	
White Clip	White Clip Off		○	ON	×	×	×	
		R White Clip	○	○	×	×	×	
		G White Clip	○	○	×	×	×	
		B White Clip	○	○	×	×	×	
		M White Clip	○	○	×	×	×	
Noise Suppression	Noise Suppression ON		○	○	×	×	×	
	Level		○	○	×	×	×	
Mono Color	Mono Color On		○	OFF	_	_	_	Connected with CCU only
		Mono Color Saturation	○	○	_	_	_	Connected with CCU only
		Mono Color Hue	○	○	_	_	_	Connected with CCU only
SD Detail	SD Detail Off		○	○	_	_	_	Connected with CCU only
		SD Detail Level	○	○	_	_	_	Connected with CCU only
		SD Detail Limiter	○	○	_	_	_	Connected with CCU only
		SD Detail White Limiter	○	○	_	_	_	Connected with CCU only
		SD Detail Black Limiter	○	○	_	_	_	Connected with CCU only
		SD Detail Crispening	○	○	_	_	_	Connected with CCU only
		SD H Detail Frequency	○	○	_	_	_	Connected with CCU only
		SD Detail H/V Ratio	○	○	_	_	_	Connected with CCU only
		SD Detail Level Depend	○	○	_	_	_	Connected with CCU only
		SD Detail Comb	○	○	_	_	_	Connected with CCU only

Continued

Function	Switch Item	Analog File	SCENE File	REFERENCE File	LENS File	OPERATOR File	OHB File	Note
Cross Color Reduce	Cross Color Reduce Off		○	○	_	_	_	Connected with CCU only
		Cross Color Reduce Level	○	○	_	_	_	Connected with CCU only
		Cross Color Reduce Coring	○	○	_	_	_	Connected with CCU only
SD Matrix	SD Matrix Off		○	○	_	_	_	Connected with CCU only
	SD Preset Matrix On		○	○	_	_	_	Connected with CCU only
	SD User Matrix On		○	○	_	_	_	Connected with CCU only
		R-G	○	○	_	_	_	Connected with CCU only
		R-B	○	○	_	_	_	Connected with CCU only
		G-R	○	○	_	_	_	Connected with CCU only
		G-B	○	○	_	_	_	Connected with CCU only
		B-R	○	○	_	_	_	Connected with CCU only
		B-G	○	○	_	_	_	Connected with CCU only
	SD Multi Matrix On		○	○	_	_	_	Connected with CCU only
		Phase select	×	×	_	_	_	Connected with CCU only
		Hue	○	○	_	_	_	Connected with CCU only
		Saturation	○	○	_	_	_	Connected with CCU only
SD Gamma	SD Gamma Off		○	ON	_	_	_	Connected with CCU only
		SD M Gamma	○	○	_	_	_	Connected with CCU only
Level auto set up	level auto set up		×	×	×	×	×	
	White Setup Mode		×	×	×	×	×	

Continued

Function	Switch Item	Analog File	SCENE File	REFER-ENCE File	LENS File	OPERA-TOR File	OHB File	Note
File	Standard		—	—	—	—	—	
	reference file store		—	—	—	—	—	
	reference store to USB drive		—	—	—	—	—	
	reference recall from USB drive		—	—	—	—	—	
	Scene file recall		—	—	—	—	—	
	Scene file store		—	—	—	—	—	
	Scene file store to USB drive		—	—	—	—	—	
	Scene file recall from USB drive		—	—	—	—	—	
	Lens file recall		—	—	—	—	—	
	Lens file store		—	—	—	—	—	
	OHB file store		—	—	—	—	—	
Format	1080 59.94i		—	—	—	—	—	
	1080 29.97PsF		—	—	—	—	—	
	1080 23.98PsF		—	—	—	—	—	
	1080 50i		—	—	—	—	—	
	1080 25PsF		—	—	—	—	—	
	1080 24PsF		—	—	—	—	—	
	1080 59.94P		—	—	—	—	—	
	1080 50P		—	—	—	—	—	
	1080 59.94i x2		—	—	—	—	—	
	1080 50i x2		—	—	—	—	—	
	720 59.94P		—	—	—	—	—	
	720 50P		—	—	—	—	—	
	720 59.94P x2		—	—	—	—	—	
	720 50P x2		—	—	—	—	—	
Digital ex-tender	digital extender on		×	×	×	×	×	

Menu	Item	SCENE File	REFERENCE File	LENS File	OPERATOR File	OHB File	Note
USER MENU customize		—	—	—	○	—	

Continued

Menu	Item	SCENE File	REFERENCE File	LENS File	OPERATOR File	OHB File	Note
VF DISPLAY	EX	—	—	—	○	—	
	ZOOM	—	—	—	○	—	
	DISP	—	—	—	○	—	
	FOCUS	—	—	—	○	—	
	ND	—	—	—	○	—	
	CC	—	—	—	○	—	
	5600K	—	—	—	○	—	
	IRIS	—	—	—	○	—	
	WHITE	—	—	—	○	—	
	D.EXT	—	—	—	○	—	
	OPAC	—	—	—	○	—	
	GAIN	—	—	—	○	—	
	SHUTTER	—	—	—	○	—	
	BATT	—	—	—	○	—	
	RETURN	—	—	—	○	—	
	TALK	—	—	—	○	—	
	MESSAG	—	—	—	○	—	
! IND	ND	—	—	—	○	—	
	CC	—	—	—	○	—	
	5600K	—	—	—	○	—	
	GAIN	—	—	—	○	—	
	SHUTTER	—	—	—	○	—	
	FAN	—	—	—	○	—	
	EXT	—	—	—	○	—	
	FORMAT	—	—	—	○	—	
	Y TALLY	—	—	—	○	—	
VF MARKER	MARKER	—	—	—	○	—	
	LEVEL	—	—	—	○	—	
	CENTER	—	—	—	○	—	
	SAFETY ZONE	—	—	—	○	—	
	EFFECT	—	—	—	○	—	
	ASPECT	—	—	—	○	—	
	MASK	—	—	—	○	—	
	SAFETY	—	—	—	○	—	
VF DETAIL	VF DETAIL	—	—	—	○	—	
	CRISP	—	—	—	○	—	
	FREQUENCY	—	—	—	○	—	
	FLICKER	—	—	—	○	—	
	AREA	—	—	—	○	—	
	ZOOM LINK	—	—	—	○	—	
	COLOR DE-TAIL	—	—	—	○	—	
	PEAK COLOR	—	—	—	○	—	
	CHROMA LEVEL	—	—	—	○	—	

Continued

Menu	Item	SCENE File	REFERENCE File	LENS File	OPERATOR File	OHB File	Note
FOCUS ASSIST	INDICATOR	—	—	—	○	—	
	MODE	—	—	—	○	—	
	LEVEL	—	—	—	○	—	
	GAIN	—	—	—	○	—	
	OFFSET	—	—	—	○	—	
	AREA MAKER	—	—	—	○	—	
	SIZE	—	—	—	○	—	
	POSITION	—	—	—	○	—	
	POSITION H	—	—	—	○	—	
	POSITION V	—	—	—	○	—	
ZEBRA	ZEBRA	—	—	—	○	—	
	ZEBRA1 LEVEL	—	—	—	○	—	
	WIDTH	—	—	—	○	—	
	ZEBRA2 LEVEL	—	—	—	○	—	
CURSOR	CURSOR	—	—	—	○	—	
	BOX/CROSS	—	—	—	○	—	
	H POSITION	—	—	—	○	—	
	V POSITION	—	—	—	○	—	
	WIDTH	—	—	—	○	—	
	HEIGHT	—	—	—	○	—	
BOX MEMORY	H POSI	—	—	—	○	—	
	V POSI	—	—	—	○	—	
	WIDTH	—	—	—	○	—	
	HEIGHT	—	—	—	○	—	
VF OUT	VF OUT	—	—	—	○	—	
	RET MIX VF	—	—	—	○	—	
	MIX DIRECTION	—	—	—	○	—	
	MIX VF MODE	—	—	—	○	—	
	MIX VF LEVEL	—	—	—	○	—	
	CHARACTER LEVEL	—	—	—	○	—	
SWITCH ASSIGN1	ASSIGNABLE	—	—	—	○	—	
	VF ASSIGN	—	—	—	○	—	
RETURN	RET1 SW SEL	—	—	—	—	—	
	RET2 SW SEL	—	—	—	—	—	
	RET3 SW SEL	—	—	—	—	—	
	RET1 SW +RET2 SW	—	—	—	○	—	

Continued

Menu	Item	SCENE File	REFERENCE File	LENS File	OPERATOR File	OHB File	Note
HEADSET MIC	INTERCOM1	—	—	—	○	—	
	LEVEL	—	—	—	○	—	
	POWER	—	—	—	○	—	
	UNBAL	—	—	—	○	—	
	INTERCOM2	—	—	—	○	—	
	LEVEL	—	—	—	○	—	
	POWER	—	—	—	○	—	
	UNBAL	—	—	—	○	—	
INTERCOM 1	INTERCOM1 RECEIVE SELECT	—	—	—	○	—	
	INTERCOM	—	—	—	○	—	
	PGM1	—	—	—	○	—	
	PGM2	—	—	—	○	—	
	TRACKER	—	—	—	○	—	
	SIDE TONE	—	—	—	○	—	
INTERCOM 2	INTERCOM2 RECEIVE SELECT	—	—	—	○	—	
	INTERCOM	—	—	—	○	—	
	PGM1	—	—	—	○	—	
	PGM2	—	—	—	○	—	
	TRACKER	—	—	—	○	—	
	SIDE TONE	—	—	—	○	—	
TRACKER	TRACKER RECEIVE SELECT	—	—	—	○	—	
	INTERCOM	—	—	—	○	—	
	PGM1	—	—	—	○	—	
	PGM2	—	—	—	○	—	
	INPUT LEVEL	—	—	—	○	—	
	OUTPUT LEVEL L-CH	—	—	—	○	—	
	R-CH	—	—	—	○	—	
EARPHONE	EARPHONE RECEIVE SELECT	—	—	—	○	—	
	INTERCOM	—	—	—	○	—	
	PGM1	—	—	—	○	—	
	PGM2	—	—	—	○	—	
	TRACKER	—	—	—	○	—	

Section 5
Setup Menu

5-1. Overview of Setup Menu

Some of adjustments given in this section use the setup menu. The setup menu consists of the following menus. Besides there is a TOP menu indicating the entire configuration of menu items.

- USER menu
- USER MENU CUSTOMIZE menu
- OPERATION menu
- PAINT menu
- MAINTENANCE menu
- FILE menu
- DIAGNOSIS menu
- SERVICE menu

In this section, describes the setup menu operation as follows.
For example: When AUTO LEVEL in AUTO SETUP page of MAINTENANCE menu is performed:
MENU: MAINTENANCE
PAGE: AUTO SETUP
ITEM: AUTO LEVEL

5-1-1. How to Display the SERVICE Menu/ How to Change the Setting Values

How to Display the SERVICE Menu

Set the DISPLAY switch to “MENU” while pressing the ASSIGN switch and the MENU SELECT (ENTER side) switch to “ENTER” side.

How to Change the Setting Values

To enter or cancel the setting value of items, which can be changed by turning the rotary encoder, proceed as follows.
To enter the setting value: Press the MENU SELECT switch to “ENTER” side.
To cancel the setting value: Before pressing the MENU SELECT switch, press the MENU SELECT switch toward the “CANCEL” side.
After the MENU SELECT switch is pressed, the setting cannot be canceled.

5-1-2. Settable Special Functions

The following functions are made available by settings in the SERVICE menu. Note that they are limited functions. In addition, settings of the number of scene files and setting of the resume of filter position are available. Refer to the description in the service menu.
For details, refer to “5-2. SERVICE Menu”.

When an Autofocus Lens is Used

When an auto focus lens of Fujinon or Canon is used, a focal area marker and a focusing indicator can be displayed on the viewfinder.

Note

However, there are the following restrictions.

- When AF DISPLAY is set to ON, the EFFECT display cannot be used. Instead of the EFFECT display, you can select 100% of the SAFETY ZONE display that usually cannot be selected.
- If “Digital extender” is used, the area marker is not displayed correctly.

Procedure

1. When AF DISPLAY in “SETUP” in the SERVICE menu is set to ON, the area marker appears according to the area marker display switch of the lens. The area marker is a rectangular frame in which auto focus is detected.
2. “AF” is added to “VF DISPLAY” in the Operation menu. When this “AF” is set to ON, the indicator appears.
   Focusing indicator:
   ▲ Front focus
   ■ Focal point
   ▼ Rear focus

5-2. SERVICE Menu

This unit is provided with the SERVICE menu that is useful for maintenance and adjustment of the camera.
The menu content is displayed on the viewfinder.
For how to display the SERVICE menu, refer to "5-1-1. How to Display the SERVICE Menu/ How to Change the Setting Values".

5-2-1. SERVICE Menu List

Menu Page No.	Menu Page Name	Remarks	Reference Page
S01	SETUP	Scene files number setting, Focal area marker and a focusing indicator displaying, Resume setting of filter position, Lens communications setting, Optical filter disks number setting	page 5-3
S02	CC FILTER	Color temperature conversion filter setting	page 5-4
S03	MANUAL RPN	Manual RPN compensation	page 5-4
S04	RPN MANAGE	RPN automatic detection	page 5-5
S05	OHB-ADJ1	Sensitivity adjustment	page 5-5
S06	OHB-ADJ2	V-SUB adjustment	page 5-5
S07	BLACK SHADING	Black shading adjustment	page 5-6
S08	WHITE SHADING	White shading adjustment	page 5-6
S09	OHB MATRIX	OHB matrix adjustment	page 5-6
S10	SERIAL NO.	Model name setting, Serial number setting	page 5-6
S11	OPTION	Gain extend, Chroma filter characteristic setting, Sensitivity characteristic emphasis setting (720P mode), Microphone AB power active setting	page 5-7

5-2-2. Description of SERVICE Menu

Note

The display screen appearing in this section shows the factory settings.

SETUP

```
<SET UP>              S01  TOP

 SCENE FILE TYPE  :        5

 AF DISPLAY       :      OFF
 FILTER RESUME    :      OFF

 LENS IF MODE     :     AUTO
```

SCENE FILE TYPE

Setting of the number of scene files that a camera can have. A number of 5 or 32 can be set.

Note

Note that, when the number of scene files is changed from 32 to 5, the data of the sixth and the following scene files are lost.

AF DISPLAY

When an auto focus lens is used, a focal area marker and a focusing indicator can be displayed on the viewfinder. For details, refer to "When an Autofocus Lens is Used".

FILTER RESUME

When the FILTER LOCAL button is set to ON and OFF in these cameras, the filter position of camera operates as follows by setting the FILTER RESUME.

ON: Filter position before the FILTER LOCAL button is set to ON.

OFF: Filter position is not changed.

LENS INTERFACE MODE

When a lens that is able to communicate with a camera through the serial interface, the interface mode can be changed forcibly to the parallel interface.

AUTO: Sets an interface automatically.

PARA: Sets a parallel interface forcibly.

CC FILTER

```
<CC FILTER>          S02 TOP

 A:   3200K
 B:   3200K
 C:   4300K
 D:   6300K
 E:   8000K
```

When the CC filter is replaced with a nonstandard color temperature conversion filter, change this setting. However, when the CC filter is replaced with a filter without color temperature conversion, such as cross filter, set 3200K. This setting is a reference for color temperature display and the color temperature control function.

MANUAL RPN

```
<MANUAL RPN>         S03 TOP

 RPN CH SELECT    :      R
 RPN CURSOR       :    OFF
 CURSOR H POS.    :   1008
 CURSOR V POS.    :    576
 CURSOR JUMP      :   CURR
 RPN WIDTH        :      1
 RECORD RPN       :   EXEC
 DELETE RPN       :   EXEC
 MONITOR SEL      :  YPbPr
```

The MANUAL RPN menu is used for manual RPN compensation. For details, refer to "3-6-2. Manual RPN Compensation AdjustmentPreparation".

RPN MANAGE

```
<RPN MANAGE>      S04 TOP

 RPN ALL PRESET   :   EXEC
 AUTO CONCEAL     :   EXEC
 APR AT ABB       :     ON
```

The RPN MANAGE menu is used for RPN compensation setting and management. For details, refer to "3-6-4. Performing Automatic RPN Detection Effectively".

OHB_ADJ1

```
<OHB_ADJ1>        S05 TOP
 1080-59.94i
             [R1] [G1] [B1]
 GAIN_CONT: 80   80   80
             [R2] [G2] [B2]
 GAIN_CONT: 7F   7F   7F
 FILTER     :  ON
 MONITOR SEL: YPbPr
 STORE FILE : EXEC
```

The OHB_ADJ1 menu is used for adjustment of the CCD block. For details, refer "3-3-3. Sensitivity Adjustment Preparation Coarse adjustment".

OHB_ADJ2

```
<OHB_ADJ2>        S06 TOP
 1080-59.94i
             [R1] [G1] [B1]
 V-SUB   :    80   80   80
 VHD     :    5F   5F   5F
 TEST MODE   :  OFF
 STORE FILE  :  EXEC

 SHUTTER     :  OFF
 SHUT_SPEED  :  1/500

 MONITOR SEL:   YPbPr
```

The OHB_ADJ2 menu is used for adjustment of the CCD block. For details, refer to "3-3-4. V-SUB Adjustment Preparation".

BLACK SHADING

```
<BLACK SHADING>  S07 TOP
          1080-59.94i
         [R]  [G]  [B]
 V SAW  : 00   00   00
 V PARA : FF   FF   FF
 H SAW  : FF   01   01
 H PARA : FD   FE   FE
 BLK SET: 04   04   04
  OFFSET: 00   00   00
 GAIN:  0dB
  MONITOR SEL: YPbPr
  STORE FILE:   EXEC
```

The BLACK SHADING menu is used for adjustment of the black shading. For details, refer to the sections below.

- "3-3-1. Clamp Level Adjustment between Channel A and Channel B (BLACK OFFSET Adjustment) Preparation"
- "3-3-2. BLACK SET Adjustment Preparation"
- "3-3-5. Black Shading Adjustment"

WHITE SHADING

```
<WHITE SHADING>  S08 TOP
            [R]  [G]  [B]
 V SAW  :  →00   00   00
 V PARA :   00   00   00
 H SAW  :   00   00   00
 H PARA :   00   FE   00
 WHITE  :    0    0    0

  STORE FILE:   EXEC
  COLOR_TEMP_SEL: 3200K
```

The WHITE SHADING menu is used for adjustment of the black shading. For details, refer to "3-3-3. Sensitivity Adjustment Preparation Coarse adjustment".

OHB MATRIX

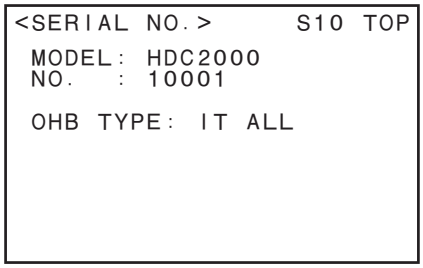
```
<OHB MATRIX>     S09 TOP
 PHASE:00       ALL CLEAR
 HUE   :00
 SAT   :00

 STORE FILE   : EXEC
 MATRIX       : OFF
 PRESET       : --
              : --
 USER MATRIX  : --
 MULTI MATRIX: --
```

The OHB MATRIX menu is used for adjustment of the OHB matrix. Use this menu only when it is necessary to adjust subtle differences in color reproduction between CCD blocks.

SERIAL NO.

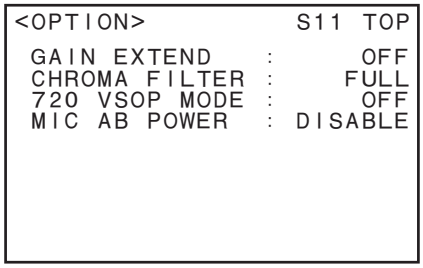
Note

The display screen is the case of serial number 10001 of HDC2000.



The SERIAL NO. menu is used displaying the current model name, serial number and the OHB type.

OPTION



GAIN EXTEND

When GAIN EXTEND is set to ON, the master gain is extended up to + 36 dB.
When it is set to OFF, the master gain is extended to + 12 dB.

CHROMA FILTER

Chroma filter characteristic setting.

720 VSOP MODE

It is used in the 720P mode placing emphasis on the sensitivity characteristic.

Note

This function doesn't operate in a present version.

MIC AB POWER

It is used in the microphone power setting.
When MIC AB POWER is set to “ENABLE” and the microphone power switch on the connector panel at the rear of the unit is set to “•” (down), AB POWER (12 V) is supplied to the microphone.

Note

When the microphone power switch is set to “•” (down) with this function enabled, do not connect any microphone that does not support AB POWER. If such microphone is connected, it may be damaged.

Section 6
Spare Parts

6-1. Note on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.

3. Stock of Parts

Parts marked with "o" at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

4. Harness

Harnesses with no part number are not registered as spare parts.

1. 安全重要部品

⚠警告

⚠印のついた部品は安全性を維持するために重要な部品です。したがって，交換する時は必ず指定の部品を使ってください。

2. 部品の共通化

ソニーから供給する補修用部品は，セットに使われているものと異なることがあります。
これは部品の共通化，改良等によるものです。

3. 部品の在庫

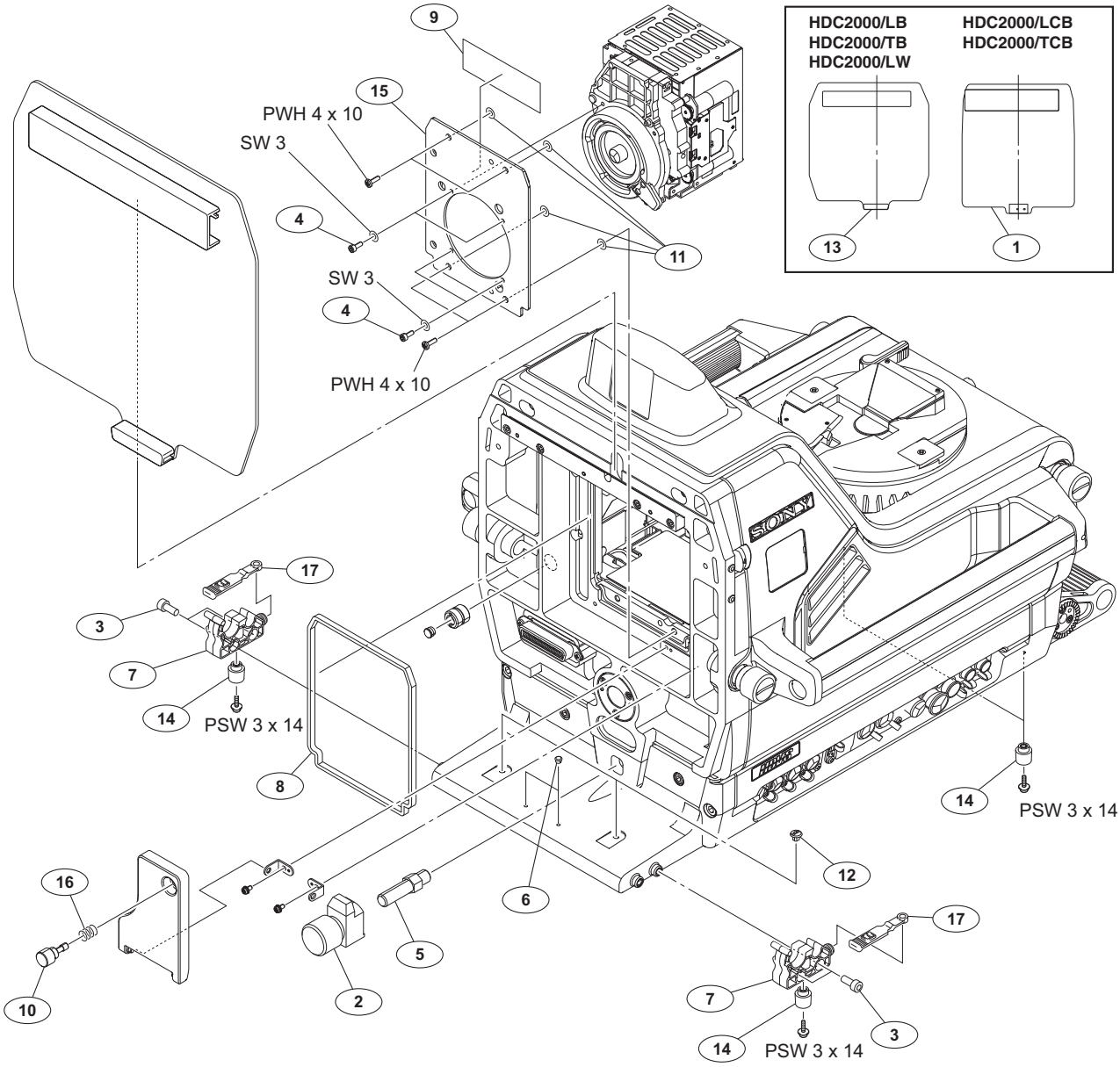
部品表の SP（Supply code）欄に "o" で示される部品は在庫していないことがあり，納期が長くなることがあります。

4. ハーネス

部品番号の記載されていないハーネスは，サービス部品として登録されていません。

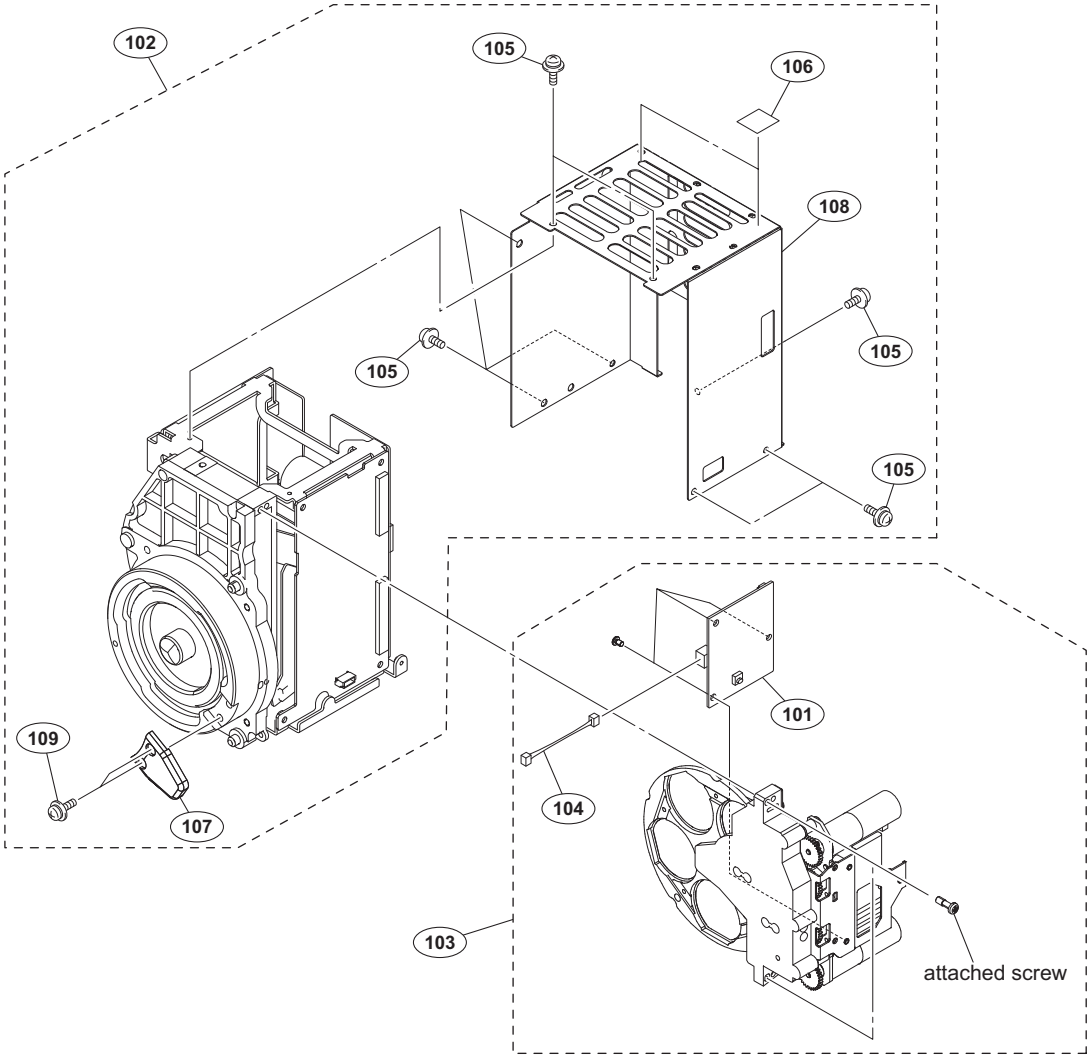
6-2. Exploded Views

Front



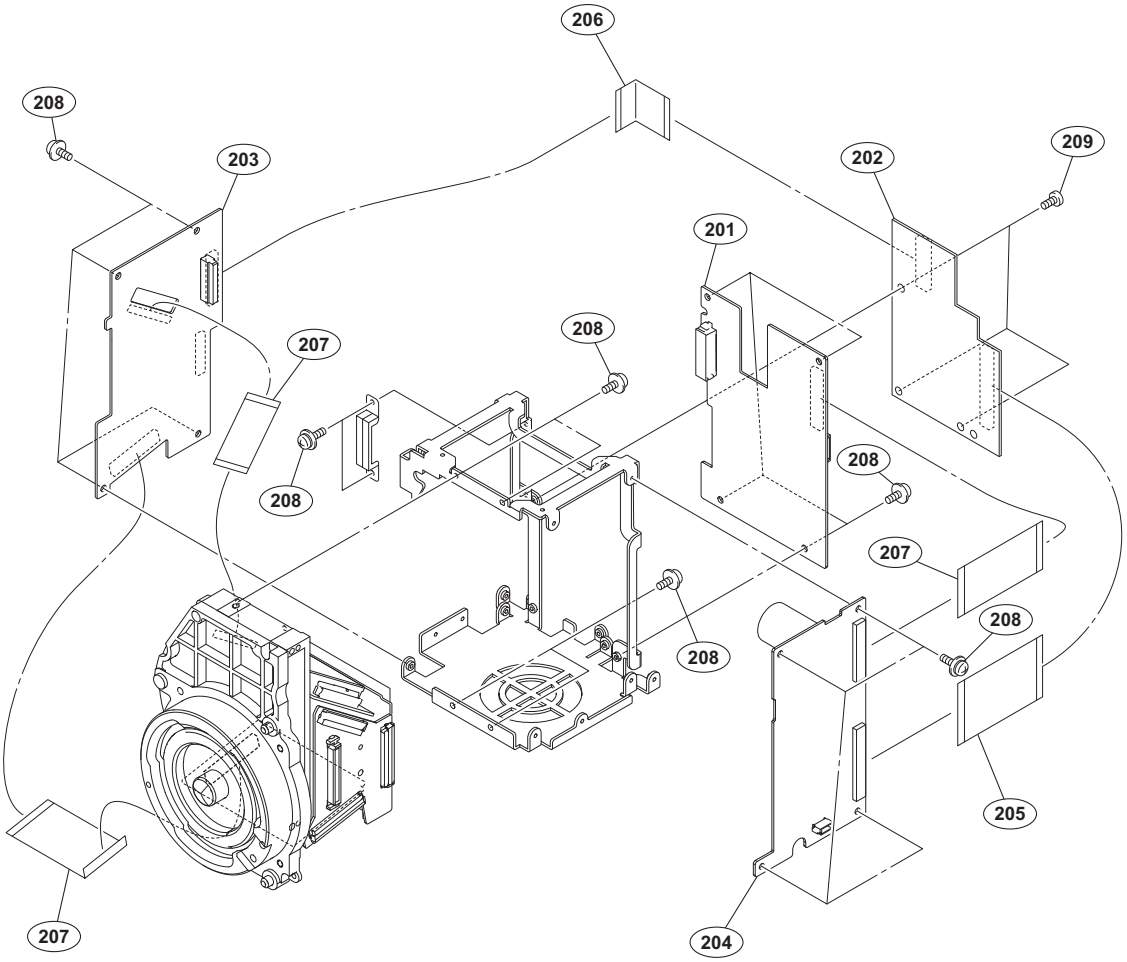
No.	Part No.	SP	Description
1	A-8278-526-E	s	COVER ASSY, FRONT (H1)
2	X-3692-305-3	o	RETAINER ASSY, LENS
3	2-391-520-21	s	BOLT (M5X12), HOLE, HEXAGON
4	2-623-773-11	s	BOLT (M3X8), STAINLESS
5	3-185-912-01	o	SHAFT M10
6	3-545-657-11	s	BUSH
7	3-612-710-02	o	CLAMP,CABLE
8	3-615-750-62	s	SHIELD CUSHION(C)
9	3-627-269-02	o	SHEET, HEAT CONDUCTION (OHB)
10	3-657-657-02	s	SCREW (M5)
11	3-701-440-21	s	WASHER, 3.5
12	3-725-907-01	s	BUSHING, BLIND
13	3-992-431-01	s	FRONT COVER
14	3-992-867-01	s	FOOT,FRONT
15	4-421-548-01	s	PANEL, FRONT
16	4-866-663-01	s	SPRING, COMPRESSION
17	3-612-712-01	s	BAND, CLAMP
	7-623-208-22	s	SW 3,TYPE 2
	7-682-951-01	s	SCREW +PSW 3X14
	7-682-904-21	s	SCREW +PWH 4X10

OHB Block-1



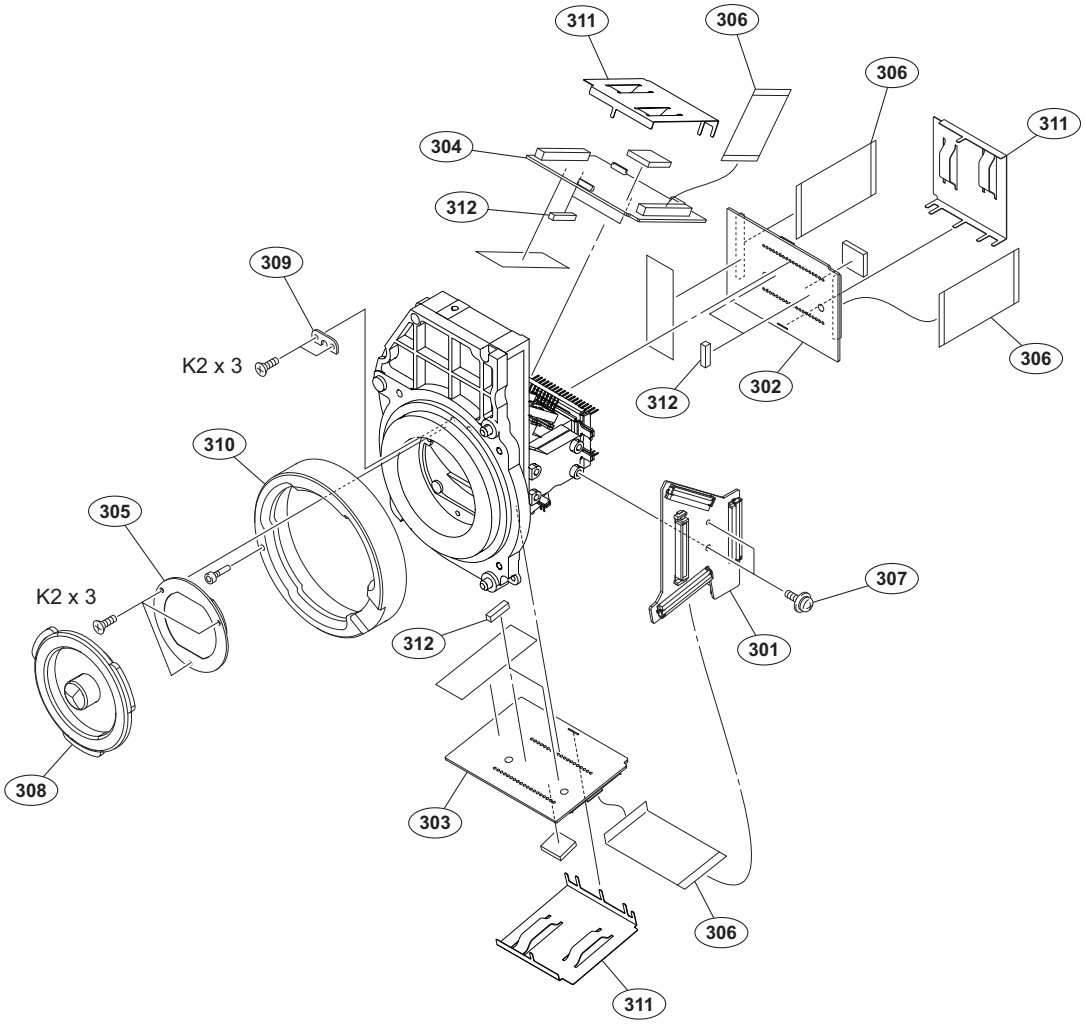
No.	Part No.	SP	Description
101	A-1813-088-A	s	MOUNTED CIRCUIT BOARD, DR-663
102	A-1838-925-A	s	OHB ASSY (IT)
103	A-1845-719-A	s	FD ASSY
104	1-967-833-11	s	HARNESS, SUB (FT-I2C)
105	2-640-315-02	o	SCREW (M2X5), SMALL, +P, SW
106	3-242-589-01	s	SHEET (SP), INSULATING
107	4-263-189-01	s	LEVER, MOUNT
108	4-415-735-01	s	OHB COVER
109	4-654-273-02	s	ACE (M2), LOCK

OHB Block-2



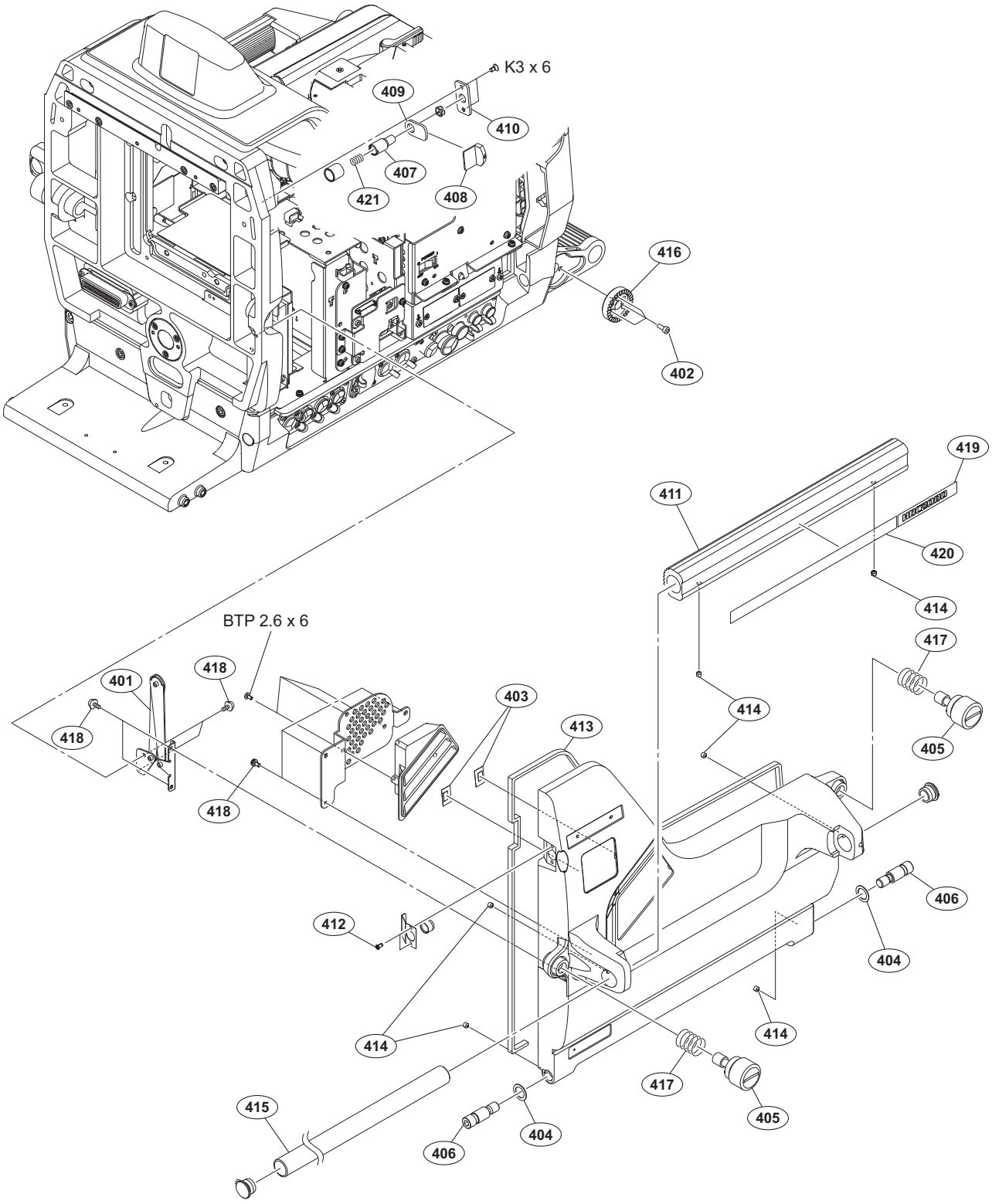
No.	Part No.	SP	Description
201	A-1860-209-A	s	MOUNTED CIRCUIT BOARD, TG-276
202	A-1860-210-A	s	MOUNTED CIRCUIT BOARD, CN-3315
203	A-1860-212-A	s	MOUNTED CIRCUIT BOARD, VA-243
204	A-1860-213-A	s	MOUNTED CIRCUIT BOARD, DR-657
205	1-831-656-11	s	CABLE, FLEXIBLE FLAT (30 CORE)
206	1-831-658-11	s	CABLE, FLEXIBLE FLAT (40 CORE)
207	1-831-660-11	s	CABLE, FLEXIBLE FLAT (50 CORE)
208	2-640-315-02	o	SCREW (M2X5), SMALL, +P, SW
209	3-965-077-02	s	SCREW, SPECIAL (M2)

OHB Block-3



No.	Part No.	SP	Description
301	A-1860-211-A	s	MOUNTED CIRCUIT BOARD, IF-1168
302	A-1860-214-A	s	MOUNTED CIRCUIT BOARD, PA-388
303	A-1860-215-A	s	MOUNTED CIRCUIT BOARD, PA-389
304	A-1860-216-A	s	MOUNTED CIRCUIT BOARD, PA-390
305	1-788-764-21	s	FILTER UNIT, OPTICAL
306	1-831-660-11	s	CABLE, FLEXIBLE FLAT (50 CORE)
307	2-640-315-02	o	SCREW (M2X5), SMALL, +P, SW
308	3-699-048-01	s	CAP, MOUNT
309	3-776-897-02	s	GUIDE PLATE
310	4-263-184-01	s	RING, BAYONET
311	4-415-736-01	s	SHIELD CASE
312	4-415-737-01	s	SPACER
	7-627-452-18	s	SCREW, PRECISION +K 2X3

Right Side

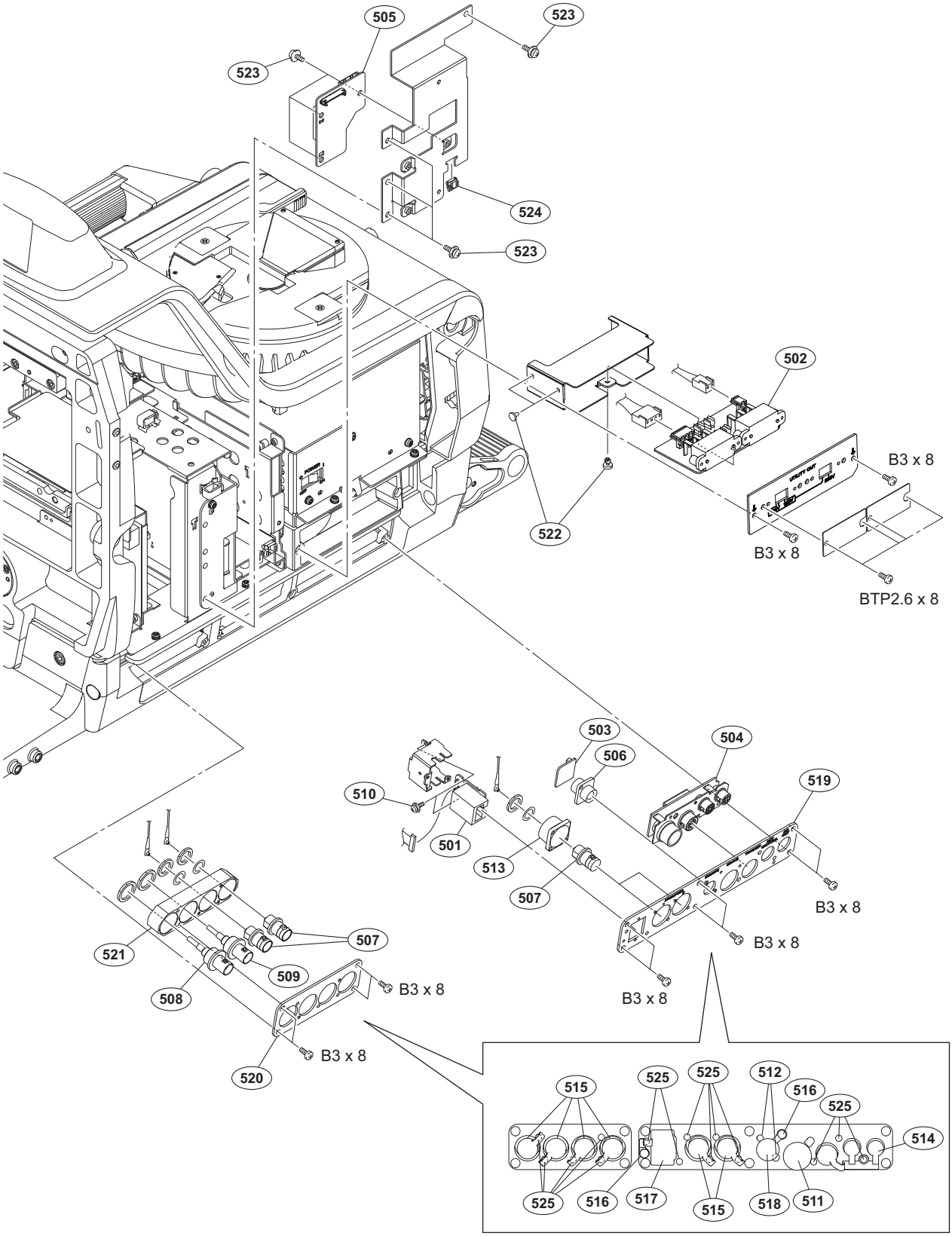


No.	Part No.	SP	Description
401	X-3692-313-4	o	STAY (RIGHT) ASSY
402	2-623-773-11	s	BOLT (M3X8), STAINLESS
403	3-185-871-02	s	TAPE, DROP PROTECTION SHIELD
404	3-185-878-01	s	WASHER
405	3-185-887-01	o	SCREW, KNOB
406	3-185-890-01	s	BOLT, SHOULDER
407	3-185-905-03	o	SOLENOID
408	3-185-906-01	s	CAP, LATCH (white)
	3-185-906-11	s	CAP, LATCH (black)
409	3-185-913-01	o	PLATE, LATCH
410	3-185-914-02	o	GUIDE
411	3-612-402-02	o	HANDLE COVER (C) (white)
	3-612-402-11	o	HANDLE COVER (C) (black)
412	3-165-162-01	s	SCREW (+P2.6x5) (TYPE1)
413	3-615-750-62	s	SHIELD CUSHION(C)
414	3-701-510-01	s	SET SCREW, DOUBLE POINT 4X4
415	3-740-815-31	s	PIPE, HANDLE

Right Side

No.	Part No.	SP	Description
416	4-146-076-14	s	BRACKET, ANGLE ADJUSTMENT
417	4-367-209-01	s	SPRING, COMPRESSION
418	4-382-854-51	s	SCREW (M3X6), P, SW (+)
419	4-420-118-01	s	SHEET, NAME 11
420	4-431-657-01	s	SHEET, HANDLE (white)
	4-431-657-11	s	SHEET, HANDLE (black)
421	4-926-395-02	s	SPRING, COMPRESSION
	7-682-247-04	s	SCREW +K 3X6
	7-685-533-14	s	SCREW +BTP 2.6X6 TYPE2 N-S

Output Panel/Inside Panel

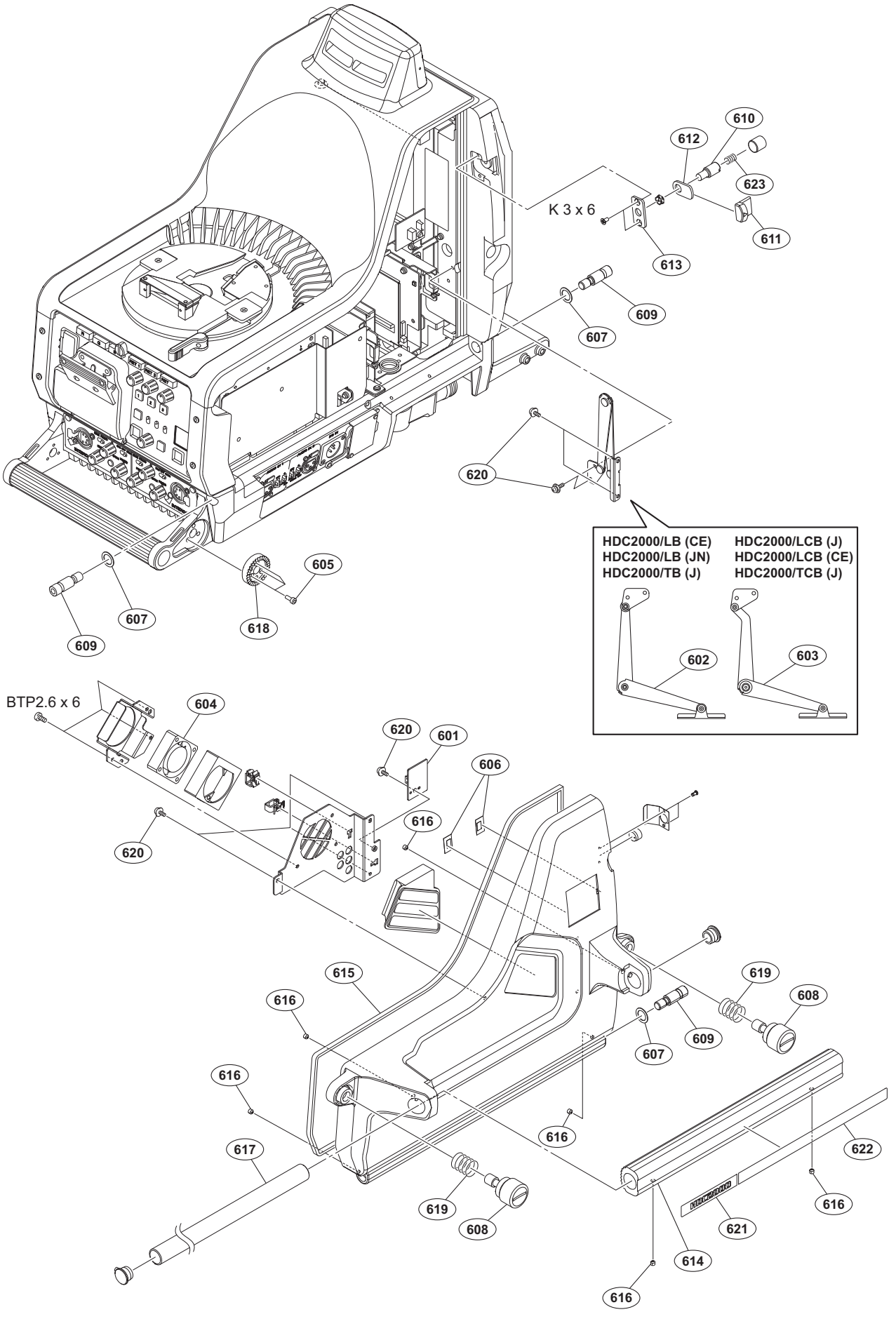


No.	Part No.	SP	Description	No.	Part No.	SP	Description
501	A-1879-410-A	s	MOUNTED CIRCUITE BOARD, CN-3473	506	1-766-696-11	o	CONNECTOR, ROUND TYPE 8P
502	A-1879-417-A	s	MOUNTED CIRCUITE BOARD, SW-1536	507	1-784-240-11	s	CONVERTER, COAXIAL CONNECTOR
503	A-1879-426-A	s	MOUNTED CIRCUITE BOARD, CN-3459	508	1-846-026-11	s	CABLE ASSY, COAXIAL
504	A-1879-427-A	s	MOUNTED CIRCUITE BOARD, CN-3460	509	1-846-027-11	s	CABLE ASSY, COAXIAL
505	A-1879-428-A	s	MOUNTED CIRCUITE BOARD, CN-3462	510	2-640-315-02	o	SCREW (M2X5), SMALL, +P, SW

Output Panel/Inside Panel

No.	Part No.	SP	Description
511	3-605-338-03	s	CAP, CONNECTOR
512	3-637-901-11	s	SCREW M2.6X5
513	3-863-319-01	s	BRACKET BNC
514	3-868-657-03	s	CAP, BNC
515	3-872-935-01	s	CAP, BNC
516	3-965-077-02	s	SCREW, SPECIAL (M2)
517	4-420-025-01	s	CAP, ETHER
518	4-420-026-01	s	CAP, INSIDE
519	4-420-132-01	s	PANEL, INSIDE
520	4-420-133-01	s	PANEL, OUTPUT
521	4-420-138-01	s	HOLDER, BNC
522	4-420-641-01	s	RIVET (NRP-3), NYLON
523	4-382-854-51	s	SCREW (M3X6), P, SW (+)
524	4-641-552-01	o	SADDLE, LOCK EDGE
525	4-654-273-02	s	ACE (M2), LOCK
	7-685-534-14	s	SCREW +BTP 2.6X8 TYPE2 N-S
	7-682-548-09	s	SCREW +B 3X8

Left Side


610
612
623
611
K 3 x 6
613
609
607
620
605
607
618
609
HDC2000/LB (CE)
HDC2000/LB (JN)
HDC2000/TB (J)
HDC2000/LCB (J)
HDC2000/LCB (CE)
HDC2000/TCB (J)
602
603
BTP2.6 x 6
604
620
601
606
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619
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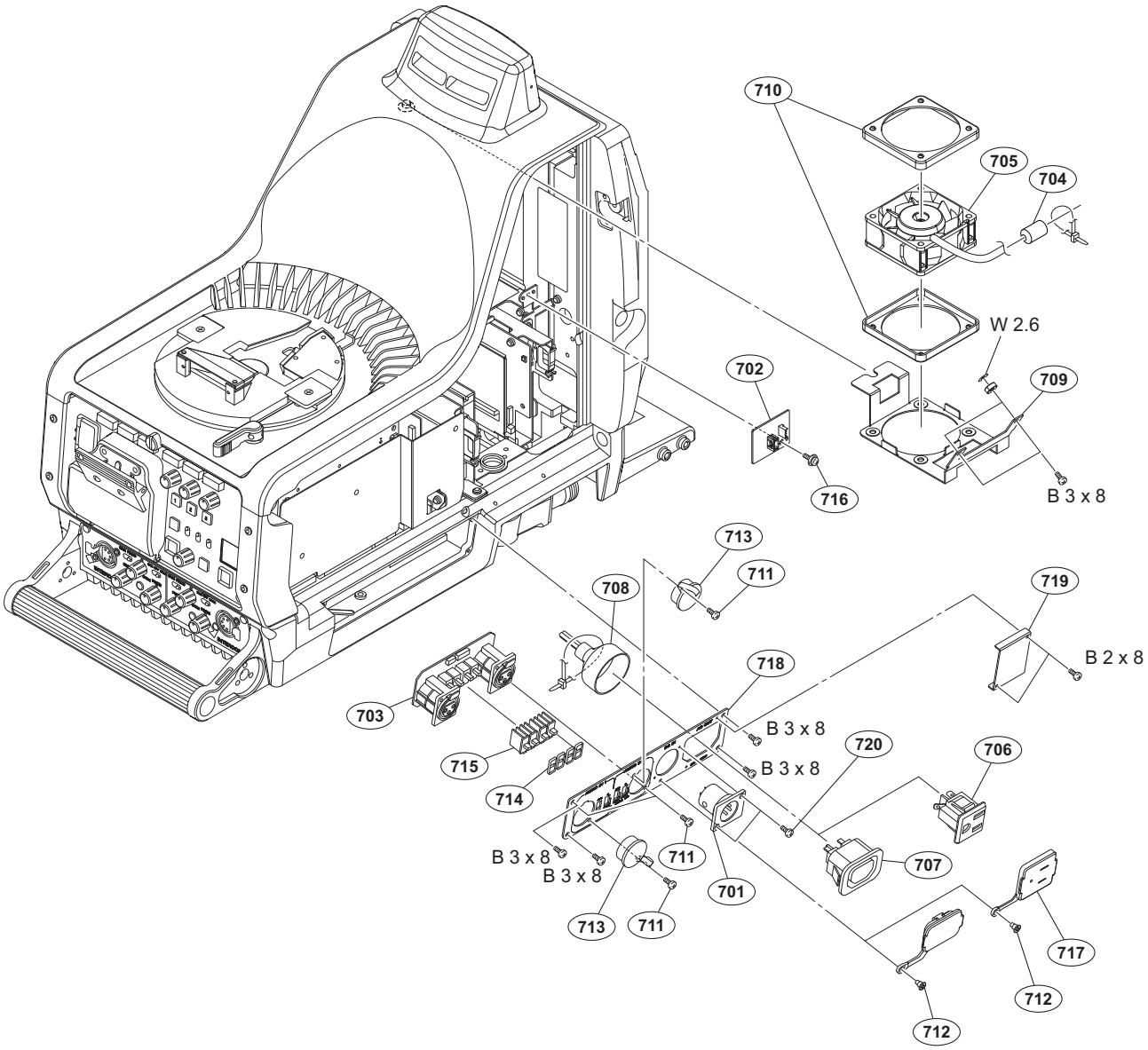
616

Left Side

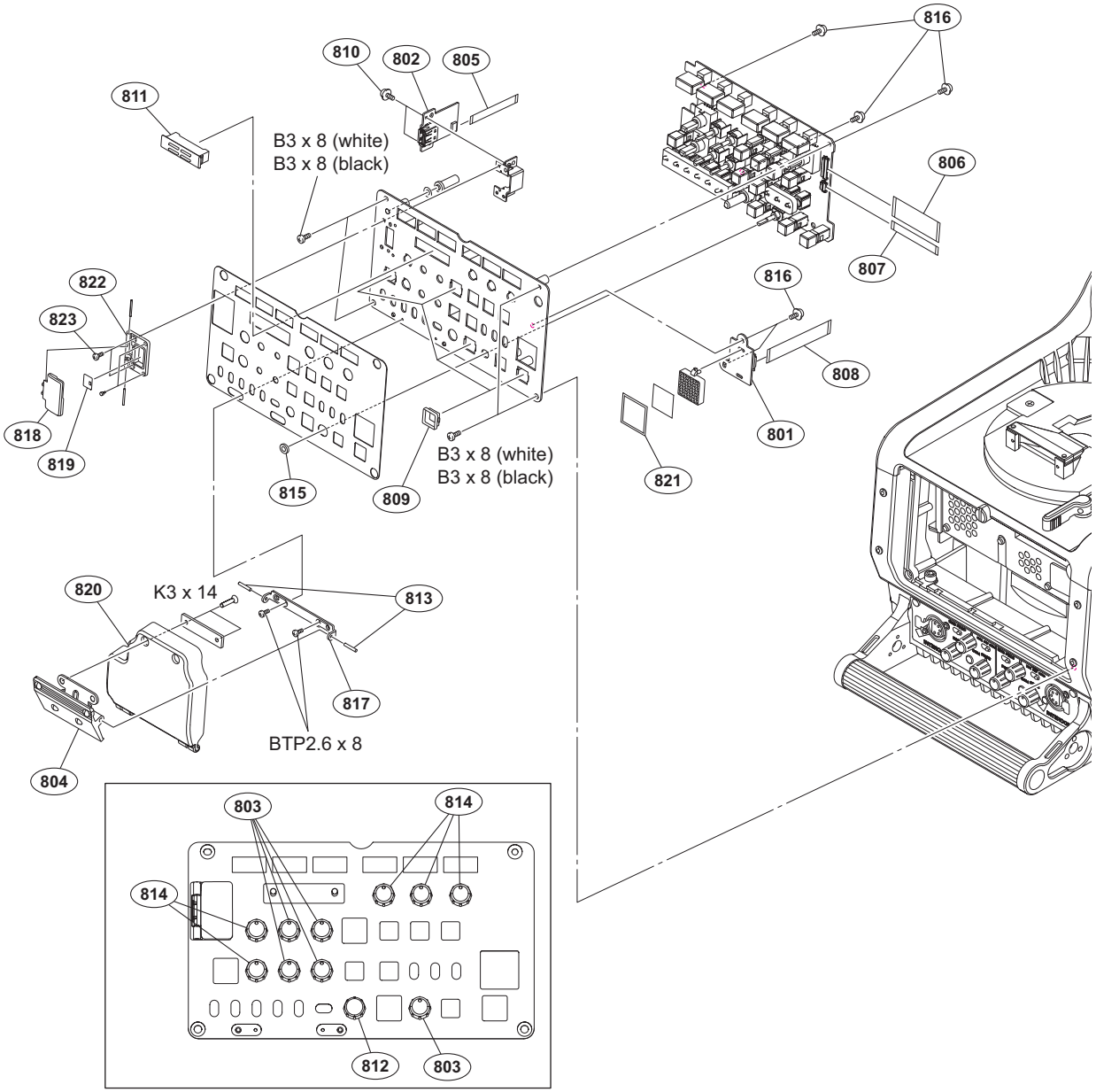
No.	Part No.	SP	Description
601	A-1879-416-A	s	MOUNTED CIRCUIT BOARD, CN-3520
602	X-3692-312-4	o	STAY (LEFT) ASSY (H0)
603	X-3605-816-1	o	STAY L ASSY (H1)
604	⚠ 1-787-070-21	s	FAN, DC (41 SQUARE)
605	2-623-773-11	s	BOLT (M3X8), STAINLESS
606	3-185-871-02	s	TAPE, DROP PROTECTION SHIELD
607	3-185-878-01	s	WASHER
608	3-185-887-02	o	SCREW, KNOB
609	3-185-890-01	s	BOLT, SHOULDER
610	3-185-905-03	o	SOLENOID
611	3-185-906-01	s	CAP, LATCH (white)
	3-185-906-11	s	CAP, LATCH (black)
612	3-185-913-01	o	PLATE, LATCH
613	3-185-914-02	o	GUIDE
614	3-612-402-01	o	HANDLE COVER(C) (white)
	3-612-402-11	o	HANDLE COVER(C) (black)
615	3-615-750-62	s	SHIELD CUSHION (C)
616	3-701-510-01	s	SET SCREW, DOUBLE POINT 4X4
617	3-740-815-31	s	PIPE, HANDLE
618	4-146-076-04	s	BRACKET, ANGLE ADJUSTMENT
619	4-367-209-01	s	SPRING, COMPRESSION
620	4-382-854-51	s	SCREW (M3X6), P, SW (+)
621	4-420-118-11	s	SHEET, NAME 11
622	4-431-657-01	s	SHEET, HANDLE (white)
	4-431-657-11	s	SHEET, HANDLE (black)
623	4-926-395-02	s	SPRING, COMPRESSION

Out Side Panel



No.	Part No.	SP	Description
701	A-1868-017-A	s	HARNESS (DC IN) ASSY
702	A-1879-431-A	s	MOUNTED CIRCUIT BOARD, CN-3464
703	A-1879-432-A	s	MOUNTED CIRCUIT BOARD, CN-3455
704	1-500-051-21	s	BEAD, FERRITE (WITH CASE)
705	⚠ 1-787-497-11	s	FAN, DC (60 SQUARE)
706	⚠ 1-968-307-11	s	HARNESS, SUB (AC-OUT) (except CE)
707	⚠ 1-968-310-11	s	HARNESS, SUB (AC-OUT2) (CE)
708	2-254-842-02	s	COVER, SWITCH INSULATING
709	3-627-250-03	s	BRACKET, FAN (2)
710	3-627-260-01	o	PACKING, FAN
711	3-637-901-11	s	SCREW M2.6X5
712	3-694-825-12	s	SCREW (M3) (STEP),SPECIAL HEAD
713	3-748-142-01	s	COVER,CONNECTOR
714	3-796-985-02	s	CUSHION, DROP PROTECTION
715	3-796-986-02	s	KNOB,SLIDE SW
716	4-382-854-51	s	SCREW (M3X6), P, SW (+)
717	4-420-023-01	s	COVER , OUTLET (CE)
718	4-420-134-01	s	PANEL, OUT SIDE (CE)
719	4-420-137-01	s	COVER, AC OUT
720	4-654-273-02	s	ACE (M2), LOCK
	7-623-923-01	s	WASHER 2.6, NYLON
	7-621-772-40	s	SCREW +B 2X8
	7-682-548-09	s	SCREW +B 3X8

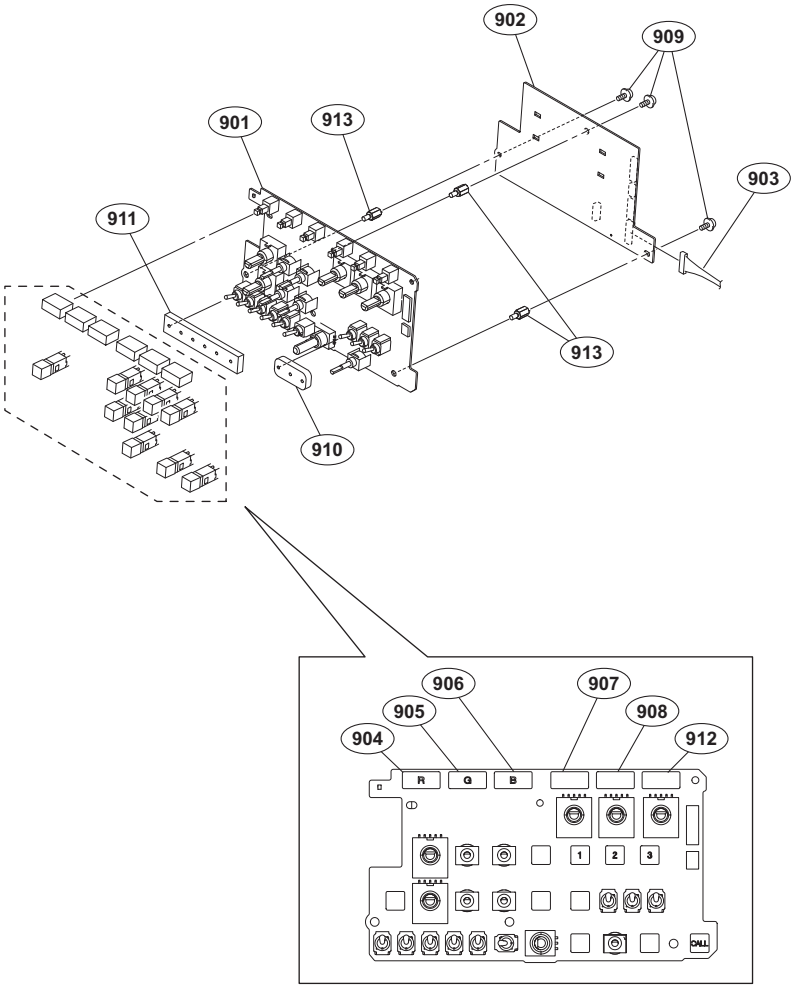
Rear Panel-1



No.	Part No.	SP	Description
801	A-1879-414-A	s	MOUNTED CIRCUIT BOARD, LE-381
802	A-1883-914-A	s	MOUNTED CIRCUIT BOARD, CCM-72
803	X-3167-563-2	s	VOLUME KNOB DIA.3 ASSY
804	X-3704-711-1	s	PAPER HOLDER ASSY(BLACK)
805	1-846-020-11	s	CABLE, FLEXIBLE FLAT (10 CORE)
806	1-846-022-11	s	CABLE, FLEXIBLE FLAT (30 CORE)
807	1-846-023-11	s	CABLE, FLEXIBLE FLAT (10 CORE)
808	1-846-024-11	s	CABLE, FLEXIBLE FLAT (24 CORE)
809	2-118-858-01	o	GUARD (SQUARE 9), SWITCH
810	2-640-315-02	o	SCREW (M2X5), SMALL, +P, SW
811	3-185-867-01	o	CATCHER, MAGNET
812	3-602-483-01	s	KNOB, VOLUME DIA 6
813	3-661-278-01	s	PIN, PARALLEL
814	3-872-577-01	s	KNOB,VOLUME DIA.6
815	3-872-699-01	s	VR SLEEVE
816	4-382-854-51	s	SCREW (M3X6), P, SW (+)
817	4-420-442-01	s	BRACKET, HINGE
818	4-420-443-01	s	CAP (USB) (white)
	4-420-443-11	s	CAP (USB) (black)

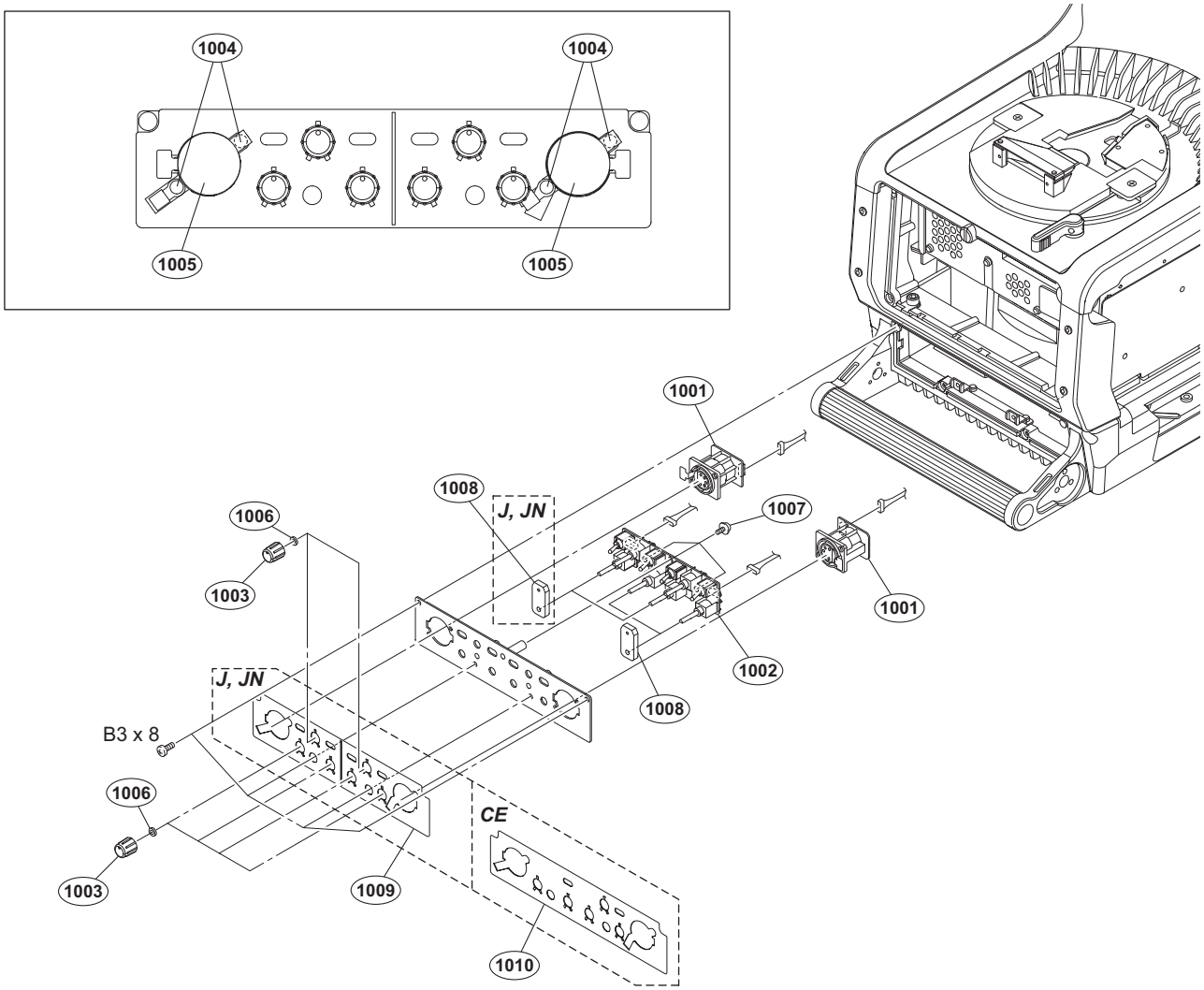
No.	Part No.	SP	Description
819	4-420-445-01	s	SPRING, PLATE
820	4-420-446-01	s	LID, REAR PANEL (white)
	4-420-446-11	s	LID, REAR PANEL (black)
821	4-420-449-01	s	SHEET, LED COVER
822	4-420-450-01	s	SLOT (USB) (white)
	4-420-450-11	s	SLOT (USB) (black)
823	4-654-273-02	s	ACE (M2), LOCK
	7-682-251-04	s	SCREW +K 3X14
	7-685-534-14	s	SCREW +BTP 2.6X8 TYPE2 N-S
	7-682-548-04	s	SCREW +B 3X8 (white)
	7-682-548-09	s	SCREW +B 3X8 (black)

Rear Panel-2



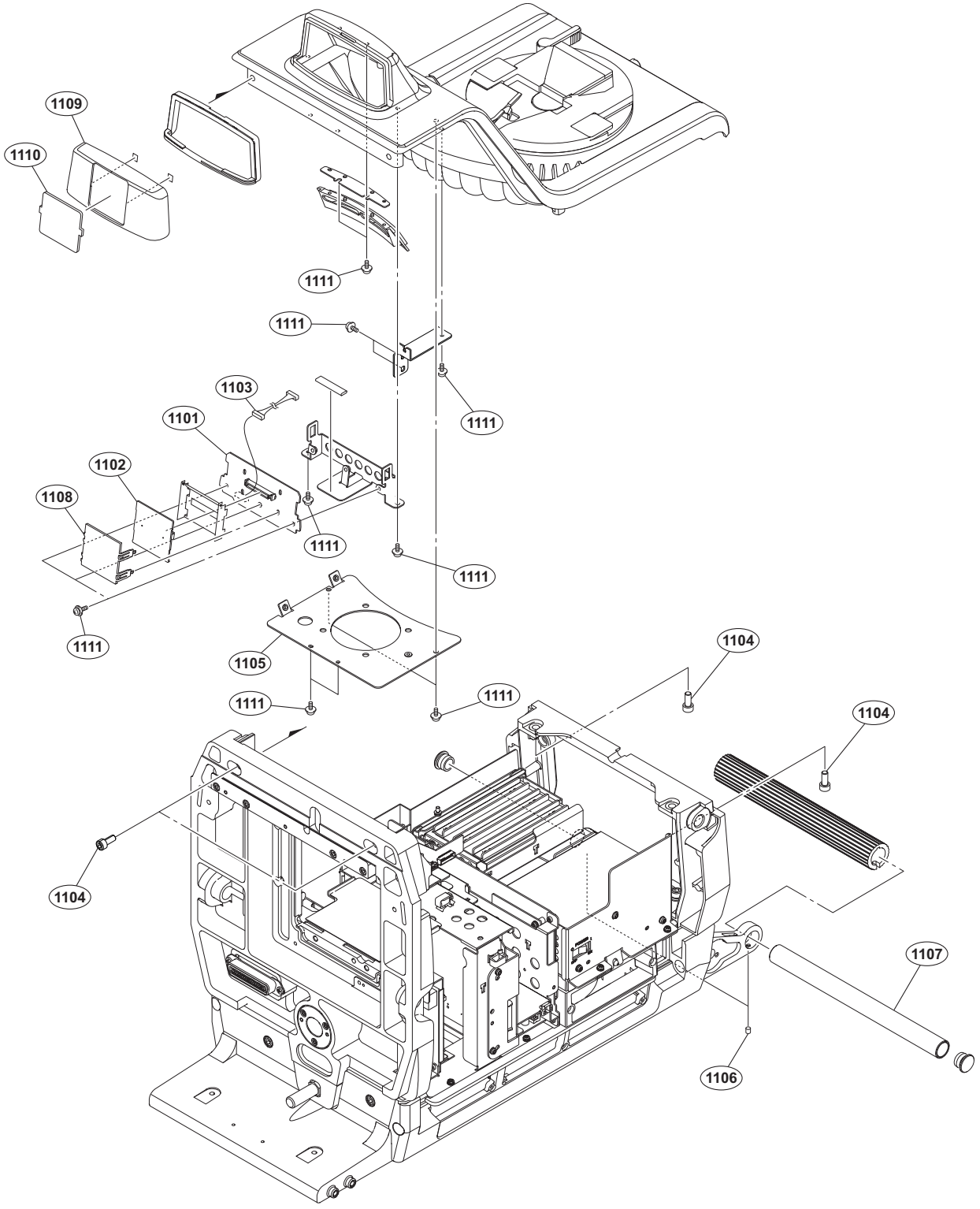
No.	Part No.	SP	Description
901	A-1879-411-A	s	MOUNTED CIRCUIT BOARD, SW-1538
902	A-1879-418-A	s	MOUNTED CIRCUIT BOARD, AT-188
903	1-968-324-11	s	HARNESS, SUB (AT)
904	3-692-320-01	o	BUTTON (R)
905	3-692-321-01	o	BUTTON (G)
906	3-692-322-02	o	BUTTON (B)
907	3-692-324-01	o	BUTTON (RET1)
908	3-692-325-02	o	BUTTON (RET2)
909	4-382-854-51	s	SCREW (M3X6), P, SW (+)
910	4-420-420-01	s	CUSHION (B), REAR
911	4-420-444-01	s	CUSHION (A), REAR
912	4-426-944-01	s	BUTTON (RET3)
913	4-700-011-01	s	SPACER, HEXAGON

Incom Panel



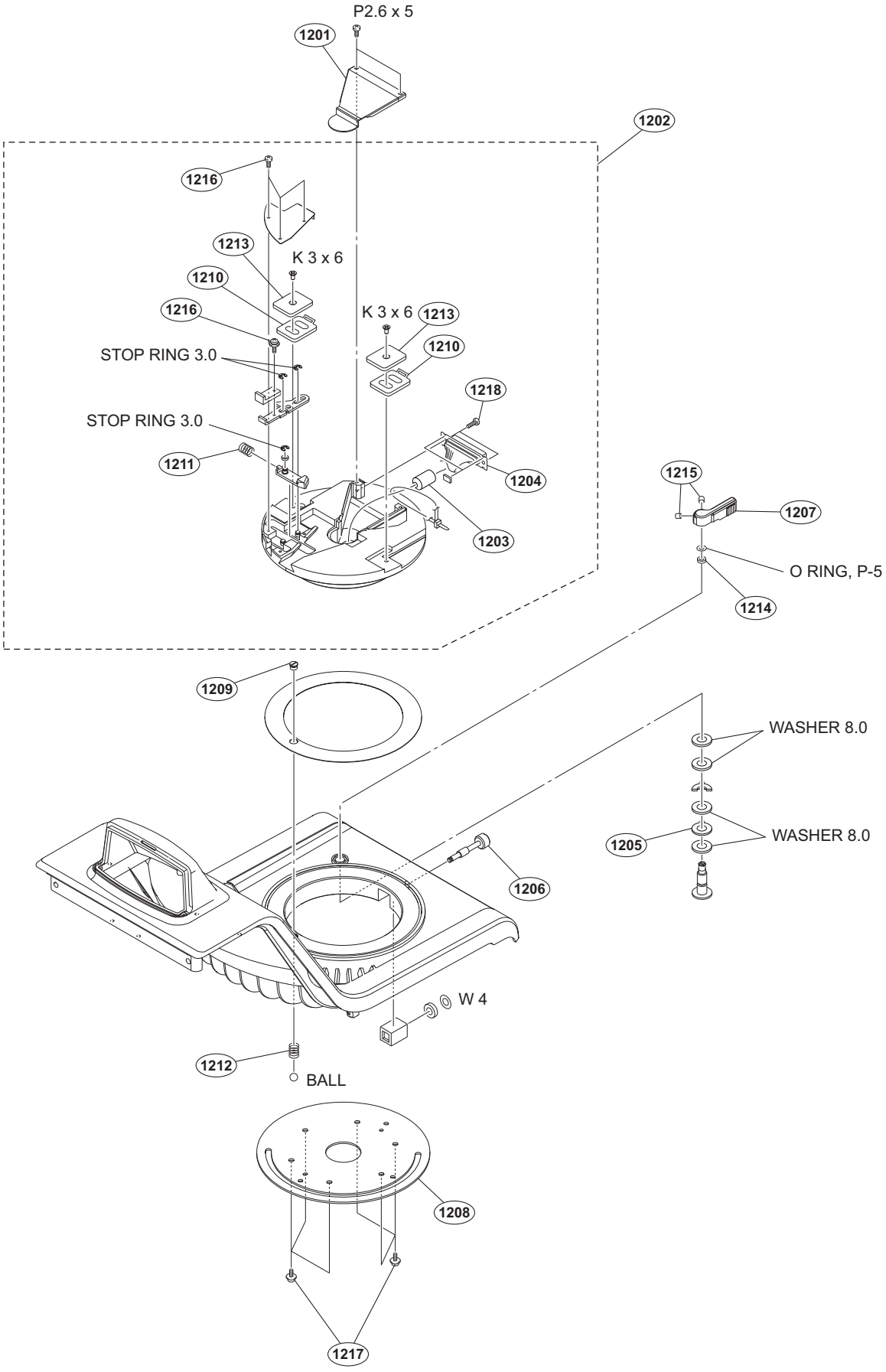
No.	Part No.	SP	Description
1001	A-1879-434-A	s	MOUNTED CIRCUIT BOARD, CN-3458
1002	A-1879-436-A	s	MOUNTED CIRCUIT BOARD, SW-1537 (JN, J)
	A-1879-437-A	s	MOUNTED CIRCUIT BOARD, SW-1537C (CE)
1003	X-3167-563-2	s	VOLUME KNOB DIA.3 ASSY
1004	3-637-901-11	s	SCREW M2.6X5
1005	3-748-142-01	s	COVER, CONNECTOR
1006	3-872-699-01	s	VR SLEEVE
1007	4-382-854-51	s	SCREW (M3X6), P, SW (+)
1008	4-420-115-01	s	CUSHION, INCOM DROP PROTECTION
1009	4-420-116-01	s	SHEET, INCOM (J, JN)
1010	4-424-741-01	s	SHEET, INCOM (CE)
	7-682-548-09	s	SCREW +B 3X8

Top-1



No.	Part No.	SP	Description	No.	Part No.	SP	Description
1101	A-1879-408-A	s	MOUNTED CIRCUIT BOARD, LE-380	1110	3-992-267-01	s	PLATE, NUMBER
1102	A-1879-409-A	s	MOUNTED CIRCUIT BOARD, LE-382				
1103	1-968-327-11	s	HARNESS, SUB (UP TALLY)	1111	4-382-854-51	s	SCREW (M3X6), P, SW (+)
1104	2-391-520-21	s	BOLT (M5X12), HOLE, HEXAGON				
1105	3-627-249-02	o	BRACKET, FAN (1)				
1106	3-701-510-01	s	SET SCREW, DOUBLE POINT 4X4				
1107	3-740-815-02	s	PIPE, HANDLE				
1108	3-872-517-01	s	LED MATRIX MASK				
1109	3-872-521-01	s	UP TALLY COVER				

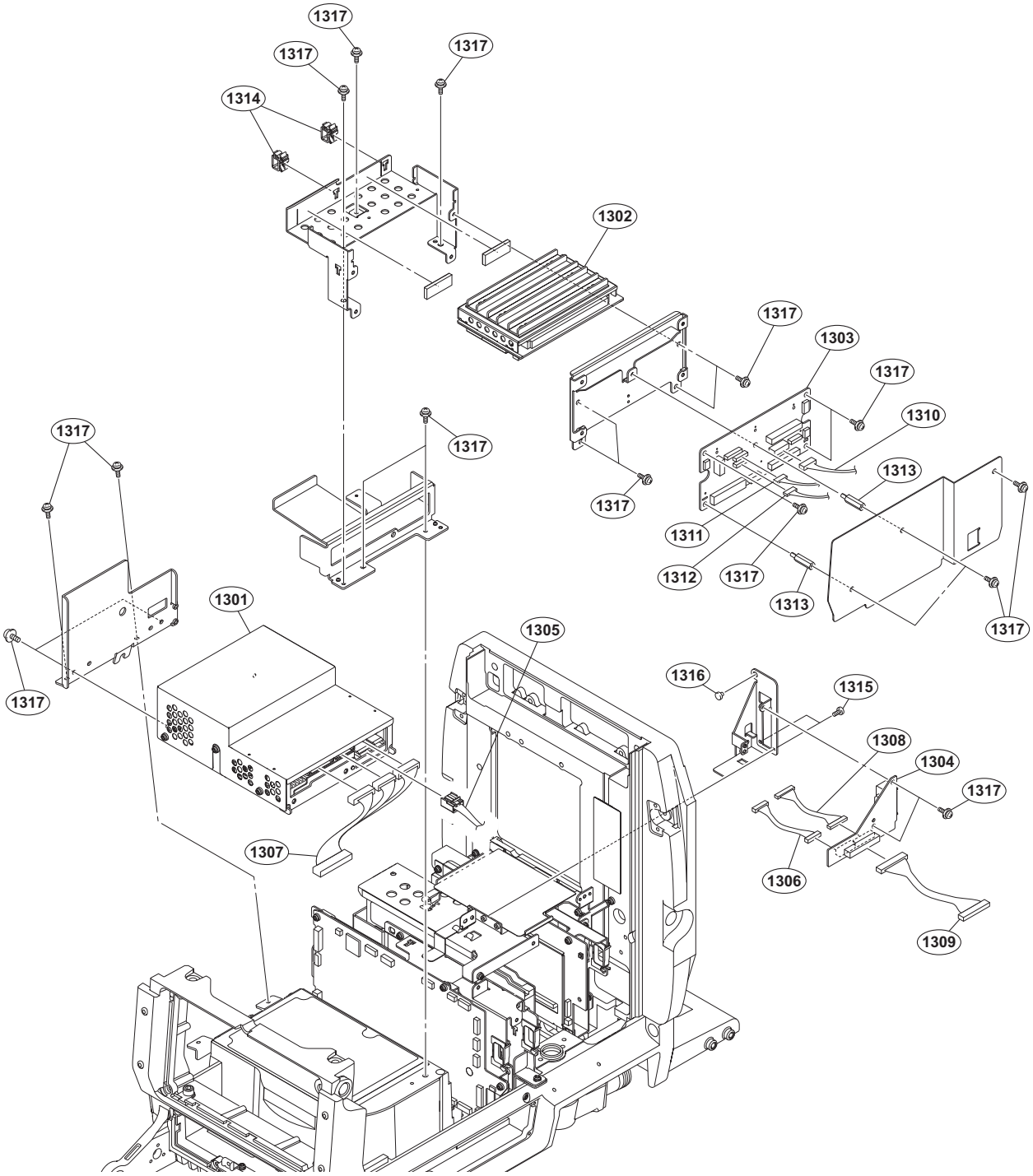
Top-2


P2.6 x 5
1201
1202
1216
1213
K 3 x 6
1210
1216
K 3 x 6
1213
1210
STOP RING 3.0
1218
STOP RING 3.0
1211
1204
1203
1215
1207
O RING, P-5
1214
1209
WASHER 8.0
1205
WASHER 8.0
1206
W 4
1212
BALL
1208
1217

Top-2

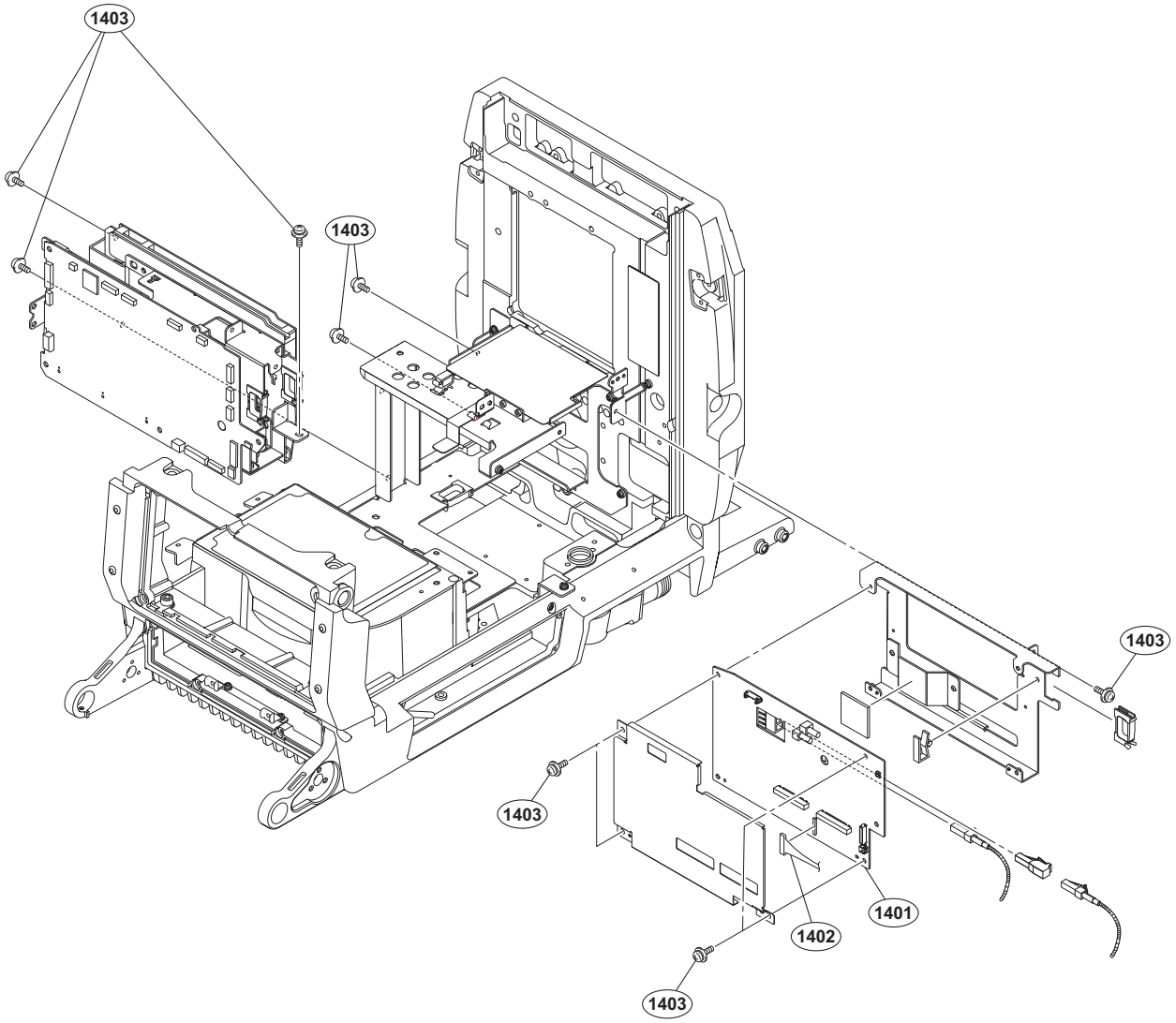
No.	Part No.	SP	Description
1201	X-3167-699-2	o	GUARD ASSY, HARNESS
1202	A-8314-047-A	o	PANNING ASSY
1203	1-500-511-11	s	CORE, FERRITE
1204	1-968-319-11	s	HARNESS, SUB (VF)
1205	3-185-881-02	o	PLATE, LOCK PAN
1206	3-185-885-01	o	SCREW, PAN FRICTION
1207	3-185-886-04	s	LEVER, PAN LOCK
1208	3-185-933-04	s	RING, PAN BASE
1209	3-186-806-01	s	SCREW, LID
1210	3-613-969-02	o	SPRING, EMC
1211	3-634-355-02	s	SPRING
1212	3-641-622-01	s	SPRING, COMPRESSION
1213	3-692-332-01	o	PLATE (A)
1214	3-701-444-11	s	WASHER, 6
1215	3-701-510-01	s	SET SCREW, DOUBLE POINT 4X4
1216	3-719-381-02	s	SCREW (M2X4)
1217	4-382-854-51	s	SCREW (M3X6), P, SW (+)
1218	4-654-273-02	s	ACE (M2), LOCK
	7-623-928-01	s	WASHER 8.0, NYLON
	7-624-106-04	s	STOP RING 3.0, TYPE -E
	7-624-209-00	s	O RING, P-5
	7-627-556-57	s	PRECISION SCREW +P2.6 x 5 TYPE1
	7-671-115-01	s	BALL, STEEL
	7-682-247-04	s	SCREW +K 3X6
	7-688-004-11	o	W 4, MIDDLE

Power Block



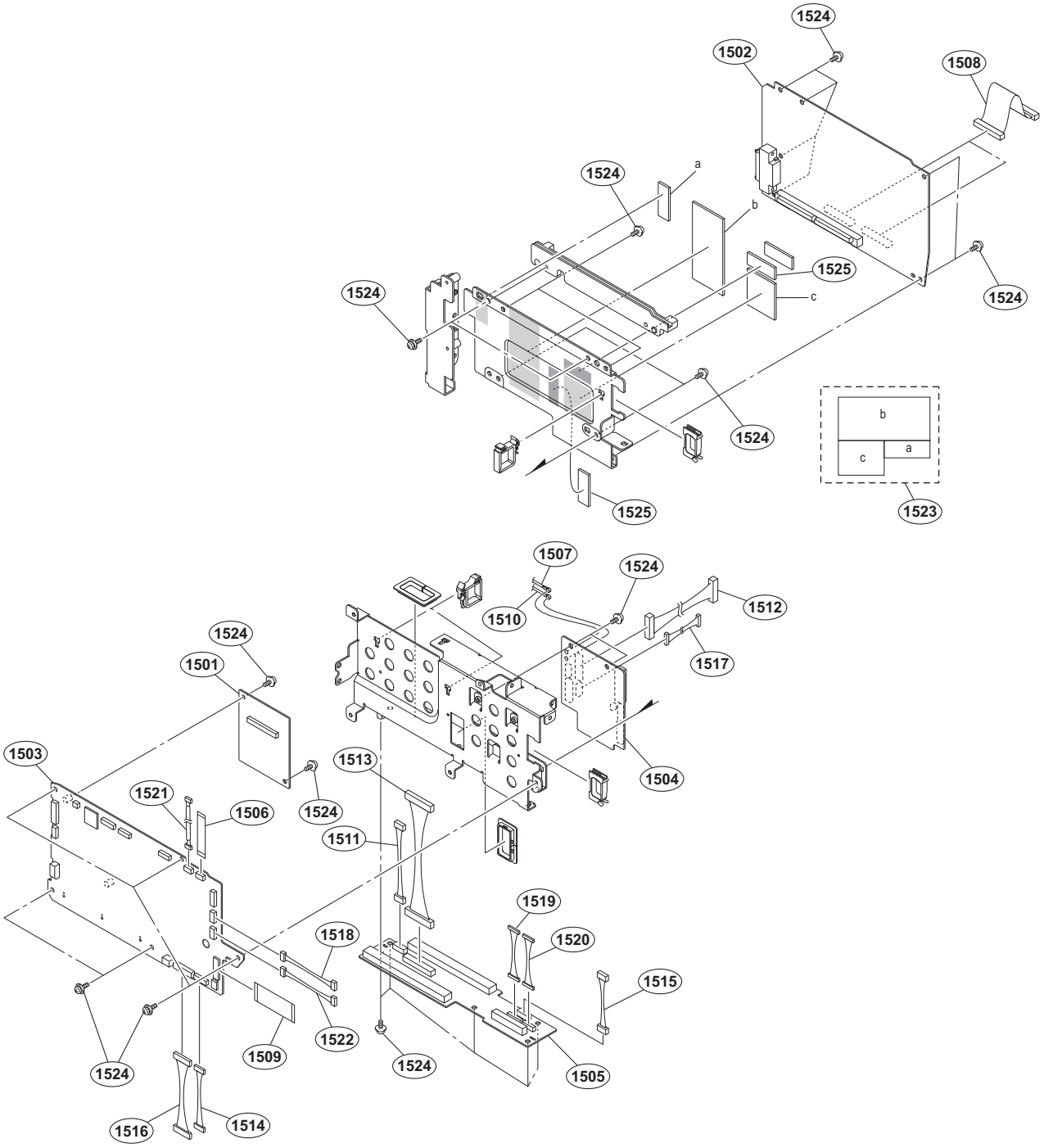
No.	Part No.	SP	Description
1301	⚠ A-1864-274-A	s	POWER BLOCK ASSY
1302	A-1871-281-A	s	CONVERTER ASSY, DC-DC
1303	A-1879-433-A	s	MOUNTED CIRCUIT BOARD, CN-3456
1304	A-1879-435-A	s	MOUNTED CIRCUIT BOARD, CN-3461
1305	1-968-306-11	s	HARNESS, SUB (BUILD-UP-POWER)
1306	1-968-315-11	s	HARNESS, SUB (CCD1)
1307	1-968-316-11	s	HARNESS, SUB (14V-UNREG-IN)
1308	1-968-317-11	s	HARNESS, SUB (CCD2)
1309	1-968-318-11	s	HARNESS, SUB (CCD POWER)
1310	1-968-321-11	s	HARNESS, SUB (FAN)
1311	1-968-326-11	s	HARNESS, SUB (INCOM PANEL)
1312	1-968-328-11	s	HARNESS, SUB (INCOM3)
1313	2-319-470-01	s	SUPPORT (SQ-17), HEXAGON
1314	2-650-770-11	s	SLIDE, CLAMP
1315	3-637-901-11	s	SCREW M2.6X5
1316	3-725-907-02	s	BUSHING, BLIND
1317	4-382-854-51	s	SCREW (M3X6), P, SW (+)

SDI



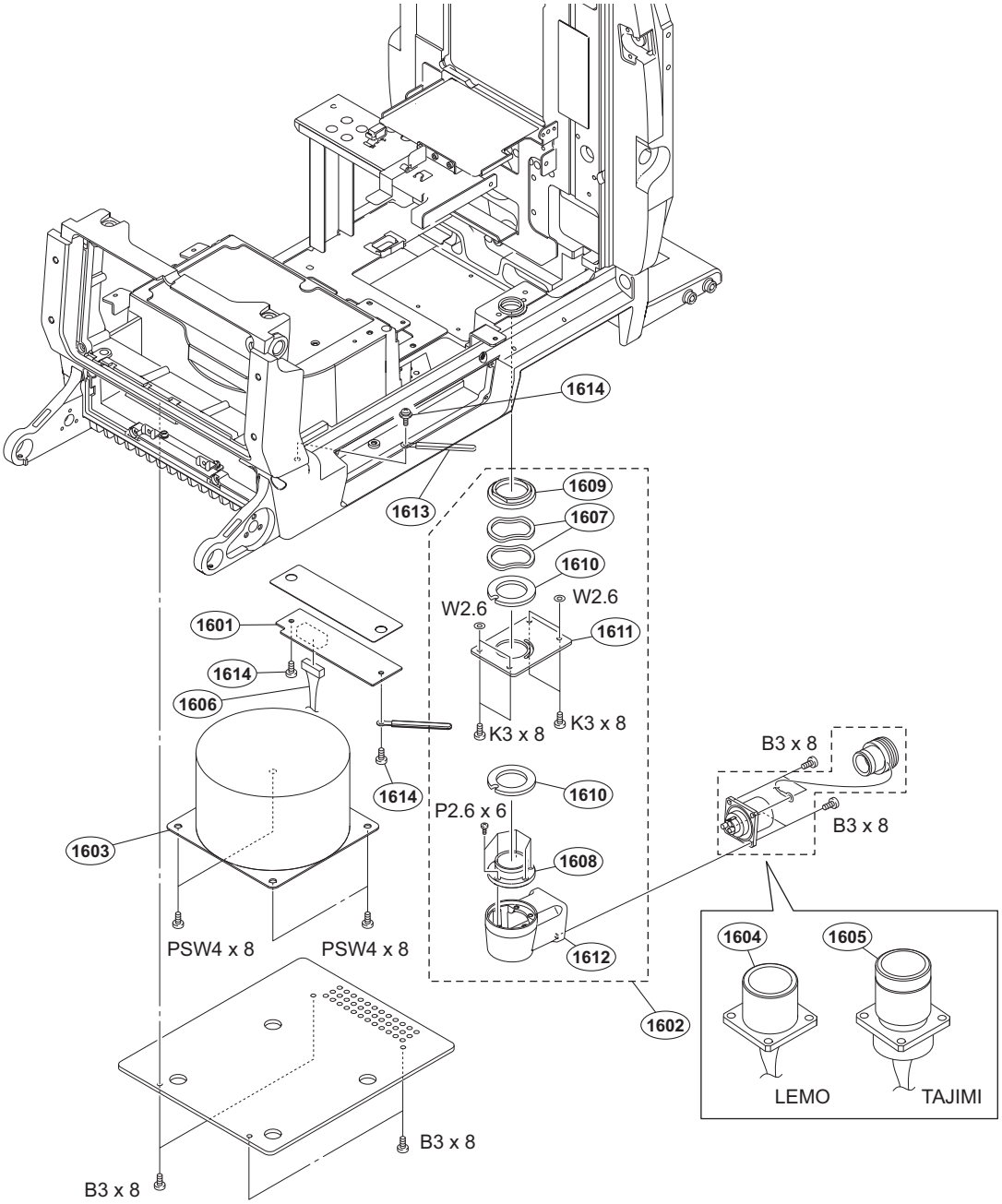
No.	Part No.	SP	Description
1401	A-1851-270-A	s	MOUNTED CIRCUIT BOARD, SDI-109
1402	1-839-915-11	s	CABLE, CONNECTOR WITH COAXIAL
1403	4-382-854-51	s	SCREW (M3X6), P, SW (+)

DPR Block



No.	Part No.	SP	Description
1501	A-1859-953-A	s	MOUNTED CIRCUIT BOARD, AT-189
1502	A-1861-312-A	s	MOUNTED CIRCUIT BOARD, DPR-338
1503	A-1867-057-A	s	MOUNTED CIRCUIT BOARD, SY-408
1504	A-1879-429-A	s	MOUNTED CIRCUIT BOARD, CN-3463
1505	A-1879-430-A	s	MOUNTED CIRCUIT BOARD, MB-1185
1506	1-831-110-11	s	CABLE, FLEXIBLE FLAT (15 CORE)
1507	1-835-366-11	s	CABLE ASSEMBLY, COAXIAL (yellow)
1508	1-839-904-11	s	FPC WITH CONNECTOR (DPR-SDI)
1509	1-846-021-11	s	CABLE, FLEXIBLE FLAT (36 CORE)
1510	1-846-025-11	s	CABLE ASSEMBLY, COAXIAL (green)
1511	1-968-311-11	s	HARNESS, SUB (LENS1)
1512	1-968-312-11	s	HARNESS, SUB (CONNECTOR PANEL)
1513	1-968-313-11	s	HARNESS, SUB (DC POWER)
1514	1-968-314-11	s	HARNESS, SUB (BUILD)
1515	1-968-320-11	s	HARNESS, SUB (POWER CONT)
1516	1-968-322-11	s	HARNESS, SUB (REMOTE1)
1517	1-968-323-11	s	HARNESS, SUB (REMOTE2)
1518	1-968-325-11	s	HARNESS, SUB (INCOM1)
1519	1-968-329-11	s	HARNESS, SUB (SDI)
1520	1-968-330-11	s	HARNESS, SUB (AUDIO1)
1521	1-968-331-11	s	HARNESS, SUB (AUDIO2)
1522	1-968-332-11	s	HARNESS, SUB (INCOM2)
1523	4-408-819-01	s	SHEET(T2), THERMAL
1524	4-382-854-51	s	SCREW (M3X6), P, SW (+)
1525	4-422-052-01	s	SHEET (T3), THERMAL

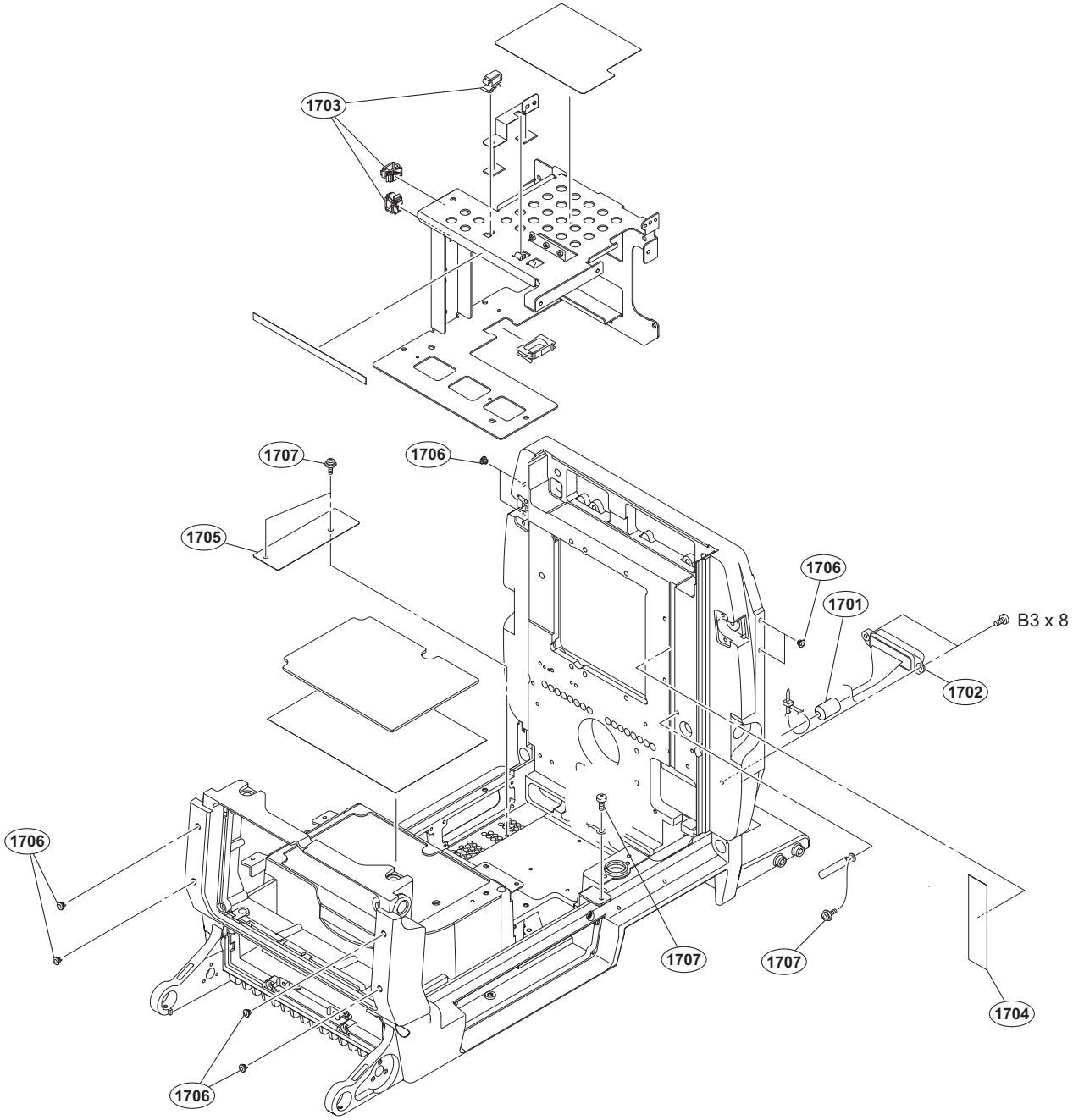
Power Trans



No.		Part No.	SP	Description
1601		A-1879-413-A	s	MOUNTED CIRCUIT BOARD, CN-3457
1602		A-8273-198-B	o	CONNECTOR ASSY, OPT
1603	⚠	1-443-820-11	s	TRANSFORMER, POWER
1604	⚠	1-837-858-11	s	OPTICAL MULTI CABLE ASSEMBLY-M (Made by LEMO)
1605	⚠	1-838-044-11	s	OPTICAL MULTI CABLE ASSEMBLY (Made by Tajimi)
1606		1-968-308-11	s	HARNESS, SUB (AC-IN)
1607		3-176-525-01	o	WASHER, SPRING
1608		3-602-460-03	o	SHAFT, CONECTOR
1609		3-602-461-01	o	NUT, CONECTOR
1610		3-602-464-02	s	WASHER, CONDUCTIVE
1611		3-602-491-01	o	PLATE, FIBER
1612		3-602-404-03	s	HOUSING, CONECTOR
1613		3-703-150-11	o	CLAMP
1614		4-382-854-51	s	SCREW (M3X6), P, SW (+)

No.	Part No.	SP	Description
	7-623-923-01	s	WASHER 2.6, NYLON
	7-627-556-77	s	SCREW, PRECISION +P2.6X6 TYPE 1
	7-682-248-04	s	SCREW +K 3X8
	7-682-548-04	s	SCREW +B 3X8
	7-682-961-01	s	SCREW +PSW 4X8

Chassis



No.	Part No.	SP	Description
1701	1-469-241-11	s	CORE, FERRITE (RFC-8 BK)
1702	1-968-309-11	s	HARNESS, SUB (LENS2)
1703	2-650-770-11	s	SLIDE, CLAMP
1704	3-079-115-01	s	TAPE AS
1705	3-627-714-01	o	NET
1706	3-673-018-11	s	SCREW, BLIND
1707	4-382-854-51	s	SCREW (M3X6), P, SW (+)
	7-682-548-04	s	SCREW +B 3X8

6-3. Electrical Parts List

AT-188 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-418-A	s	MOUNTED CIRCUIT BOARD, AT-188
C1	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C3	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C4	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C5	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C6	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C7	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C8	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C9	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C10	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C11	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C12	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C13	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C14	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C15	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C16	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C17	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C18	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C19	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C20	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C21	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C22	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C23	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C24	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C25	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C26	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C27	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C28	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C29	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C30	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C31	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C32	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C33	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C34	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C35	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C36	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C37	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C38	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C39	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C40	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C41	1-119-923-81	s	CAP, CERAMIC 0.047MF B 1005
C42	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C43	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C44	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C45	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C46	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C47	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C48	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C49	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C50	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C51	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C52	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C53	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C54	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C60	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C61	1-114-983-91	s	CAP, CHIP CERAMIC 2.2MF B 1608
CN1	1-764-080-21	o	PIN, CONNECTOR (PC BOARD) 8P
CN2	1-770-623-21	s	PIN, CONNECTOR 6P
CN3	1-580-057-21	s	PIN, CONNECTOR (SMD) 4P
CN4	1-770-620-21	s	PIN, CONNECTOR 3P

Ref. No. or Q'ty	Part No.	SP	Description
CN5	1-770-627-21	s	PIN, CONNECTOR 10P
CN101	1-784-625-31	s	CONNECTOR, FFC/FPC(ZIF) AN 30P
CN102	1-778-645-31	s	CONNECTOR, FFC/FPC(ZIF) AN 10P
CN103	1-774-261-31	s	CONNECTOR, FFC/FPC(ZIF) AN 24P
CN2000	1-793-141-21	s	PIN, CONNECTOR (PC BOARD) 15P
D1	8-719-820-42	s	DIODE 1SS302-TE85L
D2	8-719-820-42	s	DIODE 1SS302-TE85L
D3	6-501-123-01	s	DIODE RB160M-60TR
D4	8-719-820-42	s	DIODE 1SS302-TE85L
D5	8-719-820-42	s	DIODE 1SS302-TE85L
D6	8-719-820-42	s	DIODE 1SS302-TE85L
D7	8-719-820-42	s	DIODE 1SS302-TE85L
D8	8-719-820-42	s	DIODE 1SS302-TE85L
D9	8-719-820-42	s	DIODE 1SS302-TE85L
D10	8-719-820-42	s	DIODE 1SS302-TE85L
D11	6-501-123-01	s	DIODE RB160M-60TR
E1	1-535-877-22	s	CHIP, CHECKER
E2	1-535-877-22	s	CHIP, CHECKER
FB1	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB2	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB3	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB4	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB5	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB6	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB7	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB8	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FL1	1-239-896-31	s	FILTER, EMI (SMD)
FL2	1-239-896-31	s	FILTER, EMI (SMD)
FL3	1-239-896-31	s	FILTER, EMI (SMD)
FL4	1-239-896-31	s	FILTER, EMI (SMD)
FL5	1-239-896-31	s	FILTER, EMI (SMD)
FL6	1-239-896-31	s	FILTER, EMI (SMD)
FL7	1-239-896-31	s	FILTER, EMI (SMD)
FL8	1-239-896-31	s	FILTER, EMI (SMD)
IC1	6-714-935-01	s	IC TPS54225PWPR
IC2	6-713-063-01	s	IC NJM2831F05(TE1)
IC3	6-711-237-01	s	IC NJM2878F3-33 (TE2)
IC4	6-716-627-01	s	IC LTC1387CG#TR
IC5	6-717-894-01	s	IC R4F24278NVFQU
IC6	6-702-879-01	s	IC R3112N281A-TR-FE
IC7	6-711-448-01	s	IC TC74VHCT244AFK(E,K)
IC8	6-711-448-01	s	IC TC74VHCT244AFK(E,K)
IC9	6-711-448-01	s	IC TC74VHCT244AFK(E,K)
IC10	6-711-448-01	s	IC TC74VHCT244AFK(E,K)
IC11	6-711-448-01	s	IC TC74VHCT244AFK(E,K)
IC12	8-759-598-44	s	IC TC7WH08FK
IC13	8-759-598-44	s	IC TC7WH08FK
IC14	8-759-598-44	s	IC TC7WH08FK
IC15	8-759-598-44	s	IC TC7WH08FK
IC16	8-759-598-44	s	IC TC7WH08FK
IC17	6-711-448-01	s	IC TC74VHCT244AFK(E,K)
IC18	6-711-448-01	s	IC TC74VHCT244AFK(E,K)
IC19	6-707-869-01	s	IC TC74VHC14FT(EKJ)
L1	1-457-892-11	s	CHOKE COIL
L2	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
LP1	4-369-317-01	s	PIN, COATING LEAD
Q1	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q2	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q3	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q4	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q5	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E

AT-188 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
Q6	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q7	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q8	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q9	6-553-166-01	s	TR MTM862270LBF
Q10	6-553-166-01	s	TR MTM862270LBF
Q11	6-553-166-01	s	TR MTM862270LBF
Q12	6-553-166-01	s	TR MTM862270LBF
Q13	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q14	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q15	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q16	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q17	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q18	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q19	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q20	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q21	6-553-166-01	s	TR MTM862270LBF
Q22	6-553-166-01	s	TR MTM862270LBF
Q23	6-553-166-01	s	TR MTM862270LBF
Q24	6-553-166-01	s	TR MTM862270LBF
R1	1-208-927-81	s	RES, CHIP 47K (1005)
R2	1-208-863-81	s	RES, CHIP 100 (1005)
R3	1-208-911-81	s	RES, CHIP 10K (1005)
R4	1-208-923-81	s	RES, CHIP 33K (1005)
R5	1-208-907-81	s	RES, CHIP 6.8K (1005)
R6	1-208-863-81	s	RES, CHIP 100 (1005)
R7	1-208-863-81	s	RES, CHIP 100 (1005)
R8	1-208-863-81	s	RES, CHIP 100 (1005)
R9	1-208-887-81	s	RES, CHIP 1.0K (1005)
R10	1-208-887-81	s	RES, CHIP 1.0K (1005)
R11	1-208-863-81	s	RES, CHIP 100 (1005)
R12	1-208-863-81	s	RES, CHIP 100 (1005)
R13	1-208-891-81	s	RES, CHIP 1.5K (1005)
R14	1-208-855-81	s	RES, CHIP 47 (1005)
R15	1-208-855-81	s	RES, CHIP 47 (1005)
R16	1-208-855-81	s	RES, CHIP 47 (1005)
R17	1-208-855-81	s	RES, CHIP 47 (1005)
R18	1-208-855-81	s	RES, CHIP 47 (1005)
R20	1-208-927-81	s	RES, CHIP 47K (1005)
R22	1-208-863-81	s	RES, CHIP 100 (1005)
R23	1-208-863-81	s	RES, CHIP 100 (1005)
R26	1-208-863-81	s	RES, CHIP 100 (1005)
R27	1-208-887-81	s	RES, CHIP 1.0K (1005)
R28	1-208-935-81	s	RES, CHIP 100K (1005)
R29	1-208-887-81	s	RES, CHIP 1.0K (1005)
R30	1-208-887-81	s	RES, CHIP 1.0K (1005)
R31	1-208-887-81	s	RES, CHIP 1.0K (1005)
R32	1-208-887-81	s	RES, CHIP 1.0K (1005)
R33	1-208-887-81	s	RES, CHIP 1.0K (1005)
R34	1-208-887-81	s	RES, CHIP 1.0K (1005)
R35	1-220-870-81	s	RES, CHIP 10 (1005)
R36	1-220-870-81	s	RES, CHIP 10 (1005)
R37	1-220-870-81	s	RES, CHIP 10 (1005)
R38	1-220-870-81	s	RES, CHIP 10 (1005)
R39	1-208-911-81	s	RES, CHIP 10K (1005)
R41	1-208-911-81	s	RES, CHIP 10K (1005)
R42	1-208-911-81	s	RES, CHIP 10K (1005)
R43	1-208-863-81	s	RES, CHIP 100 (1005)
R44	1-208-863-81	s	RES, CHIP 100 (1005)
R45	1-208-911-81	s	RES, CHIP 10K (1005)
R46	1-208-911-81	s	RES, CHIP 10K (1005)
R47	1-208-887-81	s	RES, CHIP 1.0K (1005)
R48	1-208-887-81	s	RES, CHIP 1.0K (1005)
R49	1-208-911-81	s	RES, CHIP 10K (1005)
R50	1-208-911-81	s	RES, CHIP 10K (1005)
R51	1-208-911-81	s	RES, CHIP 10K (1005)

AT-188 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R52	1-208-887-81	s	RES, CHIP 1.0K (1005)
R54	1-208-887-81	s	RES, CHIP 1.0K (1005)
R55	1-208-887-81	s	RES, CHIP 1.0K (1005)
R56	1-208-887-81	s	RES, CHIP 1.0K (1005)
R57	1-208-911-81	s	RES, CHIP 10K (1005)
R58	1-208-911-81	s	RES, CHIP 10K (1005)
R59	1-208-911-81	s	RES, CHIP 10K (1005)
R60	1-208-911-81	s	RES, CHIP 10K (1005)
R61	1-208-911-81	s	RES, CHIP 10K (1005)
R62	1-208-887-81	s	RES, CHIP 1.0K (1005)
R63	1-208-911-81	s	RES, CHIP 10K (1005)
R64	1-208-911-81	s	RES, CHIP 10K (1005)
R65	1-208-911-81	s	RES, CHIP 10K (1005)
R66	1-208-911-81	s	RES, CHIP 10K (1005)
R67	1-208-911-81	s	RES, CHIP 10K (1005)
R68	1-208-911-81	s	RES, CHIP 10K (1005)
R69	1-208-911-81	s	RES, CHIP 10K (1005)
R71	1-208-911-81	s	RES, CHIP 10K (1005)
R72	1-208-911-81	s	RES, CHIP 10K (1005)
R73	1-208-911-81	s	RES, CHIP 10K (1005)
R74	1-208-911-81	s	RES, CHIP 10K (1005)
R75	1-208-911-81	s	RES, CHIP 10K (1005)
R76	1-208-911-81	s	RES, CHIP 10K (1005)
R77	1-208-911-81	s	RES, CHIP 10K (1005)
R78	1-208-911-81	s	RES, CHIP 10K (1005)
R79	1-208-911-81	s	RES, CHIP 10K (1005)
R80	1-208-911-81	s	RES, CHIP 10K (1005)
R81	1-208-935-81	s	RES, CHIP 100K (1005)
R82	1-208-911-81	s	RES, CHIP 10K (1005)
R83	1-208-935-81	s	RES, CHIP 100K (1005)
R84	1-208-935-81	s	RES, CHIP 100K (1005)
R85	1-208-911-81	s	RES, CHIP 10K (1005)
R86	1-208-935-81	s	RES, CHIP 100K (1005)
R87	1-208-935-81	s	RES, CHIP 100K (1005)
R88	1-208-935-81	s	RES, CHIP 100K (1005)
R89	1-208-935-81	s	RES, CHIP 100K (1005)
R90	1-208-911-81	s	RES, CHIP 10K (1005)
R91	1-208-911-81	s	RES, CHIP 10K (1005)
R92	1-208-935-81	s	RES, CHIP 100K (1005)
R93	1-208-935-81	s	RES, CHIP 100K (1005)
R94	1-208-935-81	s	RES, CHIP 100K (1005)
R95	1-208-935-81	s	RES, CHIP 100K (1005)
R96	1-208-863-81	s	RES, CHIP 100 (1005)
R97	1-208-911-81	s	RES, CHIP 10K (1005)
R98	1-208-911-81	s	RES, CHIP 10K (1005)
R99	1-208-911-81	s	RES, CHIP 10K (1005)
R100	1-208-911-81	s	RES, CHIP 10K (1005)
R101	1-208-911-81	s	RES, CHIP 10K (1005)
R102	1-208-911-81	s	RES, CHIP 10K (1005)
R103	1-208-911-81	s	RES, CHIP 10K (1005)
R104	1-208-935-81	s	RES, CHIP 100K (1005)
R105	1-208-935-81	s	RES, CHIP 100K (1005)
R106	1-208-935-81	s	RES, CHIP 100K (1005)
R107	1-208-935-81	s	RES, CHIP 100K (1005)
R108	1-208-911-81	s	RES, CHIP 10K (1005)
R109	1-208-911-81	s	RES, CHIP 10K (1005)
R110	1-211-989-91	s	RES, CHIP 68 (1608)
R111	1-211-989-91	s	RES, CHIP 68 (1608)
R112	1-211-989-91	s	RES, CHIP 68 (1608)
R113	1-211-989-91	s	RES, CHIP 68 (1608)
R114	1-211-989-91	s	RES, CHIP 68 (1608)
R115	1-211-989-91	s	RES, CHIP 68 (1608)
R116	1-211-989-91	s	RES, CHIP 68 (1608)
R117	1-211-989-91	s	RES, CHIP 68 (1608)
R118	1-211-977-91	s	RES, CHIP 22 (1608)

AT-188 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R119	1-211-977-91	s	RES, CHIP 22 (1608)
R120	1-211-977-91	s	RES, CHIP 22 (1608)
R121	1-211-977-91	s	RES, CHIP 22 (1608)
R122	1-211-977-91	s	RES, CHIP 22 (1608)
R123	1-211-977-91	s	RES, CHIP 22 (1608)
R124	1-211-977-91	s	RES, CHIP 22 (1608)
R125	1-211-977-91	s	RES, CHIP 22 (1608)
R126	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R127	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R128	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R129	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R130	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R131	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R132	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R133	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R160	1-208-927-81	s	RES, CHIP 47K (1005)
R161	1-208-927-81	s	RES, CHIP 47K (1005)
R162	1-208-927-81	s	RES, CHIP 47K (1005)
R163	1-208-927-81	s	RES, CHIP 47K (1005)
R164	1-208-927-81	s	RES, CHIP 47K (1005)
R165	1-208-927-81	s	RES, CHIP 47K (1005)
R166	1-208-927-81	s	RES, CHIP 47K (1005)
R167	1-208-927-81	s	RES, CHIP 47K (1005)
R168	1-208-927-81	s	RES, CHIP 47K (1005)
RB1	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB2	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB3	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB4	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB5	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB6	1-234-381-21	s	RES, NETWORK 100K (1005X4)
RB7	1-234-381-21	s	RES, NETWORK 100K (1005X4)
RB8	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB9	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB10	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB11	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB12	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB13	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB14	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB15	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB16	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB17	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB18	1-234-375-21	s	RES, NETWORK 1K (1005X4)
RB19	1-234-375-21	s	RES, NETWORK 1K (1005X4)
RB20	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB21	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB22	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB23	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB24	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB25	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB26	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB27	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB28	1-234-375-21	s	RES, NETWORK 1K (1005X4)
RB29	1-234-375-21	s	RES, NETWORK 1K (1005X4)
S1	1-692-270-41	s	SWITCH, SLIDE
X1	1-813-177-21	s	VIBRATOR, CRYSTAL (16 MHz)

AT-189 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1867-058-A	s	MOUNTED CIRCUIT BOARD, AT-189

AT-189 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C100	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C101	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C102	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C103	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C104	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C105	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C106	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C107	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C110	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C111	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C112	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C113	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C114	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C115	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C116	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C118	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C120	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C121	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C122	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C123	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C124	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C125	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C126	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C127	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C136	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C138	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C140	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C142	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C143	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C144	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C200	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C201	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C300	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C301	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C302	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C303	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C304	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C305	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C306	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C307	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C308	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C309	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C310	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C311	1-164-848-81	s	CAP, CHIP CERAMIC 8PF CH 1005
C312	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C313	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C314	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C315	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C316	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C317	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C318	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C319	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C320	1-164-848-81	s	CAP, CHIP CERAMIC 8PF CH 1005
C321	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C322	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C323	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C324	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C325	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C326	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C327	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C328	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C329	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C330	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C331	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C332	1-164-848-81	s	CAP, CHIP CERAMIC 8PF CH 1005

AT-189 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C333	1-164-848-81	s	CAP, CHIP CERAMIC 8PF CH 1005
C334	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C335	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C336	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C337	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C338	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C339	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C340	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C400	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C401	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C402	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C403	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C404	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C405	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C406	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C407	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C408	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C409	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C410	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C411	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C412	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C413	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C414	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C415	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C416	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C417	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C418	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C419	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C420	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C421	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C422	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C423	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C424	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C425	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C426	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C427	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C428	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C429	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C430	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C431	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C432	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C433	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C434	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C435	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C436	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C437	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C438	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C439	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C440	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C441	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C442	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C443	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C444	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C445	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C446	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C447	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C448	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C449	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C450	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C451	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
CN100	1-818-655-21	s	CONNECTOR, BOARD TO BOARD 120P
D300	6-502-197-01	s	DI SML-D12M8WT86SM
E100	1-535-757-21	s	CHIP, CHECKER

AT-189 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
FB100	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB101	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB102	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB300	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB304	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB400	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB401	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FL100	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL101	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL300	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL301	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL302	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL400	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL401	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL402	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
IC100	6-706-220-01	s	IC LTC3411EMS#TR
IC101	6-706-220-01	s	IC LTC3411EMS#TR
IC102	6-712-135-01	o	IC R1173H001D-T1-F
IC103	6-712-135-01	o	IC R1173H001D-T1-F
IC111	8-759-598-43	s	IC TC7WH04FK
IC112	6-704-566-01	s	IC R3112N291A-TR-FA
IC113	6-710-943-01	s	IC TC74VHC164FK(EL,K)
IC300	6-704-030-01	s	IC TC7SA04FU(TE85R)
IC301	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC303	6-704-030-01	s	IC TC7SA04FU(TE85R)
IC305	6-704-030-01	s	IC TC7SA04FU(TE85R)
IC309	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC310	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC311	6-700-599-01	s	IC TC7SA08FU(TE85R)
L100	1-419-630-21	s	COIL, CHOKE 4.7UH
L101	1-419-630-21	s	COIL, CHOKE 4.7UH
Q100	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q101	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q300	8-729-928-91	s	TRANSISTOR DTC114EE-TL
R100	1-208-927-81	s	RES, CHIP 47K (1005)
R101	1-208-923-81	s	RES, CHIP 33K (1005)
R102	1-208-927-81	s	RES, CHIP 47K (1005)
R103	1-208-923-81	s	RES, CHIP 33K (1005)
R106	1-208-935-81	s	RES, CHIP 100K (1005)
R107	1-208-943-81	s	RES, CHIP 220K (1005)
R108	1-208-935-81	s	RES, CHIP 100K (1005)
R109	1-208-943-81	s	RES, CHIP 220K (1005)
R110	1-208-911-81	s	RES, CHIP 10K (1005)
R114	1-208-919-81	s	RES, CHIP 22K (1005)
R115	1-208-887-81	s	RES, CHIP 1.0K (1005)
R116	1-208-911-81	s	RES, CHIP 10K (1005)
R117	1-208-895-81	s	RES, CHIP 2.2K (1005)
R118	1-208-903-81	s	RES, CHIP 4.7K (1005)
R119	1-208-911-81	s	RES, CHIP 10K (1005)
R120	1-208-911-81	s	RES, CHIP 10K (1005)
R121	1-208-935-81	s	RES, CHIP 100K (1005)
R122	1-208-919-81	s	RES, CHIP 22K (1005)
R123	1-208-935-81	s	RES, CHIP 100K (1005)
R124	1-208-919-81	s	RES, CHIP 22K (1005)
R125	1-208-927-81	s	RES, CHIP 47K (1005)
R132	1-208-943-81	s	RES, CHIP 220K (1005)
R133	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R135	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R137	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R139	1-208-927-81	s	RES, CHIP 47K (1005)
R140	1-208-919-81	s	RES, CHIP 22K (1005)
R141	1-208-951-81	s	RES, CHIP 470K (1005)
R142	1-208-911-81	s	RES, CHIP 10K (1005)

AT-189 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R144	1-208-943-81	s	RES, CHIP 220K (1005)
R146	1-208-935-81	s	RES, CHIP 100K (1005)
R147	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R149	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R200	1-208-855-81	s	RES, CHIP 47 (1005)
R201	1-208-855-81	s	RES, CHIP 47 (1005)
R202	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R203	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R204	1-208-863-81	s	RES, CHIP 100 (1005)
R205	1-220-878-81	s	RES, CHIP 22 (1005)
R206	1-208-911-81	s	RES, CHIP 10K (1005)
R207	1-208-903-81	s	RES, CHIP 4.7K (1005)
R208	1-208-903-81	s	RES, CHIP 4.7K (1005)
R209	1-208-903-81	s	RES, CHIP 4.7K (1005)
R210	1-208-903-81	s	RES, CHIP 4.7K (1005)
R211	1-220-878-81	s	RES, CHIP 22 (1005)
R212	1-220-878-81	s	RES, CHIP 22 (1005)
R213	1-220-878-81	s	RES, CHIP 22 (1005)
R214	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R215	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R216	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R217	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R218	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R219	1-208-863-81	s	RES, CHIP 100 (1005)
R220	1-208-863-81	s	RES, CHIP 100 (1005)
R221	1-208-863-81	s	RES, CHIP 100 (1005)
R222	1-208-863-81	s	RES, CHIP 100 (1005)
R223	1-208-863-81	s	RES, CHIP 100 (1005)
R224	1-208-863-81	s	RES, CHIP 100 (1005)
R226	1-208-863-81	s	RES, CHIP 100 (1005)
R227	1-220-878-81	s	RES, CHIP 22 (1005)
R228	1-220-878-81	s	RES, CHIP 22 (1005)
R229	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R230	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R231	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R232	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R233	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R234	1-208-911-81	s	RES, CHIP 10K (1005)
R235	1-208-911-81	s	RES, CHIP 10K (1005)
R236	1-208-855-81	s	RES, CHIP 47 (1005)
R237	1-208-855-81	s	RES, CHIP 47 (1005)
R239	1-208-855-81	s	RES, CHIP 47 (1005)
R240	1-208-855-81	s	RES, CHIP 47 (1005)
R241	1-208-855-81	s	RES, CHIP 47 (1005)
R245	1-208-863-81	s	RES, CHIP 100 (1005)
R300	1-220-878-81	s	RES, CHIP 22 (1005)
R301	1-220-878-81	s	RES, CHIP 22 (1005)
R302	1-220-878-81	s	RES, CHIP 22 (1005)
R303	1-220-878-81	s	RES, CHIP 22 (1005)
R304	1-208-863-81	s	RES, CHIP 100 (1005)
R305	1-208-863-81	s	RES, CHIP 100 (1005)
R306	1-208-863-81	s	RES, CHIP 100 (1005)
R307	1-208-863-81	s	RES, CHIP 100 (1005)
R308	1-208-863-81	s	RES, CHIP 100 (1005)
R309	1-208-863-81	s	RES, CHIP 100 (1005)
R310	1-208-863-81	s	RES, CHIP 100 (1005)
R311	1-208-887-81	s	RES, CHIP 1.0K (1005)
R312	1-208-911-81	s	RES, CHIP 10K (1005)
R313	1-208-911-81	s	RES, CHIP 10K (1005)
R314	1-208-911-81	s	RES, CHIP 10K (1005)
R315	1-208-911-81	s	RES, CHIP 10K (1005)
R316	1-208-911-81	s	RES, CHIP 10K (1005)
R317	1-208-911-81	s	RES, CHIP 10K (1005)
R319	1-208-911-81	s	RES, CHIP 10K (1005)
R320	1-208-911-81	s	RES, CHIP 10K (1005)

AT-189 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R321	1-208-863-81	s	RES, CHIP 100 (1005)
R322	1-208-863-81	s	RES, CHIP 100 (1005)
R323	1-208-863-81	s	RES, CHIP 100 (1005)
R324	1-208-863-81	s	RES, CHIP 100 (1005)
R325	1-208-863-81	s	RES, CHIP 100 (1005)
R326	1-208-863-81	s	RES, CHIP 100 (1005)
R327	1-208-863-81	s	RES, CHIP 100 (1005)
R328	1-208-863-81	s	RES, CHIP 100 (1005)
R329	1-208-891-81	s	RES, CHIP 1.5K (1005)
R330	1-208-891-81	s	RES, CHIP 1.5K (1005)
R331	1-208-855-81	s	RES, CHIP 47 (1005)
R332	1-220-878-81	s	RES, CHIP 22 (1005)
R333	1-208-855-81	s	RES, CHIP 47 (1005)
R334	1-208-855-81	s	RES, CHIP 47 (1005)
R335	1-208-863-81	s	RES, CHIP 100 (1005)
R336	1-208-863-81	s	RES, CHIP 100 (1005)
R337	1-208-863-81	s	RES, CHIP 100 (1005)
R338	1-208-911-81	s	RES, CHIP 10K (1005)
R340	1-208-903-81	s	RES, CHIP 4.7K (1005)
R341	1-208-863-81	s	RES, CHIP 100 (1005)
R342	1-208-863-81	s	RES, CHIP 100 (1005)
R343	1-208-863-81	s	RES, CHIP 100 (1005)
R344	1-208-863-81	s	RES, CHIP 100 (1005)
R345	1-208-863-81	s	RES, CHIP 100 (1005)
R346	1-208-903-81	s	RES, CHIP 4.7K (1005)
R347	1-208-903-81	s	RES, CHIP 4.7K (1005)
R349	1-208-863-81	s	RES, CHIP 100 (1005)
R350	1-208-863-81	s	RES, CHIP 100 (1005)
R351	1-208-863-81	s	RES, CHIP 100 (1005)
R352	1-208-863-81	s	RES, CHIP 100 (1005)
R353	1-208-863-81	s	RES, CHIP 100 (1005)
R354	1-208-863-81	s	RES, CHIP 100 (1005)
R400	1-220-878-81	s	RES, CHIP 22 (1005)
R401	1-220-878-81	s	RES, CHIP 22 (1005)
R402	1-220-878-81	s	RES, CHIP 22 (1005)
R403	1-220-878-81	s	RES, CHIP 22 (1005)
R404	1-220-878-81	s	RES, CHIP 22 (1005)
R405	1-220-878-81	s	RES, CHIP 22 (1005)
R406	1-220-878-81	s	RES, CHIP 22 (1005)
R407	1-220-878-81	s	RES, CHIP 22 (1005)
R408	1-220-878-81	s	RES, CHIP 22 (1005)
R409	1-220-878-81	s	RES, CHIP 22 (1005)
R410	1-220-878-81	s	RES, CHIP 22 (1005)
R411	1-220-878-81	s	RES, CHIP 22 (1005)
R412	1-208-871-81	s	RES, CHIP 220 (1005)
R414	1-220-878-81	s	RES, CHIP 22 (1005)
R415	1-220-878-81	s	RES, CHIP 22 (1005)
R416	1-220-878-81	s	RES, CHIP 22 (1005)
R417	1-220-878-81	s	RES, CHIP 22 (1005)
R418	1-220-878-81	s	RES, CHIP 22 (1005)
R419	1-220-878-81	s	RES, CHIP 22 (1005)
R420	1-220-878-81	s	RES, CHIP 22 (1005)
R421	1-220-878-81	s	RES, CHIP 22 (1005)
R422	1-220-878-81	s	RES, CHIP 22 (1005)
R423	1-220-878-81	s	RES, CHIP 22 (1005)
R424	1-220-878-81	s	RES, CHIP 22 (1005)
R425	1-220-878-81	s	RES, CHIP 22 (1005)
R426	1-208-871-81	s	RES, CHIP 220 (1005)
R428	1-208-863-81	s	RES, CHIP 100 (1005)
R429	1-220-878-81	s	RES, CHIP 22 (1005)
R430	1-220-878-81	s	RES, CHIP 22 (1005)
R432	1-208-887-81	s	RES, CHIP 1.0K (1005)
R433	1-208-887-81	s	RES, CHIP 1.0K (1005)
R440	1-220-870-81	s	RES, CHIP 10 (1005)
R441	1-220-870-81	s	RES, CHIP 10 (1005)

AT-189 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R442	1-220-870-81	s	RES, CHIP 10 (1005)
R443	1-220-870-81	s	RES, CHIP 10 (1005)
RB200	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB201	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB202	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB203	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB204	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB205	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB206	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB207	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB302	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB303	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB304	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB305	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB306	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB307	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB308	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB309	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB310	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB311	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB312	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB313	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB314	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB315	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB316	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB317	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB401	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB411	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB412	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB413	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB414	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB415	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB416	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB417	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB418	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB419	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB420	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB421	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB422	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB423	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB424	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB425	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB426	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB430	1-234-370-21	s	RES, NETWORK 22 (1005X4)
TP100	1-535-757-21	s	CHIP, CHECKER
TP101	1-780-925-11	s	TERMINAL, LUG
TP102	1-780-925-11	s	TERMINAL, LUG
TP300	1-535-757-21	s	CHIP, CHECKER
X300	1-814-322-11	s	QUARTZ CRYSTAL UNITS (11.2896 MHz)
X301	1-813-205-11	s	VIBRATOR, CRYSTAL (24 MHz)

CCM-72 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1883-914-A	s	MOUNTED CIRCUIT BOARD, CCM-72
C701	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C702	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C703	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C704	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

CCM-72 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C705	1-164-854-81	s	CAP, CHIP CERAMIC 15PF CH 1005
C706	1-164-854-81	s	CAP, CHIP CERAMIC 15PF CH 1005
C707	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C708	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C709	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C710	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C711	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C712	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C713	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C714	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C715	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C716	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C717	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C718	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C719	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C720	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C721	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C722	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
CN701	1-778-645-31	s	CONNECTOR, FFC/FPC(ZIF) AN 10P
CN702	1-817-109-11	s	CONNECTOR, USB (A)
FB701	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB702	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
IC701	6-712-135-01	o	IC R1173H001D-T1-FE
IC702	6-704-566-01	s	IC R3112N291A-TR-FE
IC704	6-716-675-01	s	IC USB2512B-AEZG
L701	1-481-265-21	s	COMMON MODE CHOKE COIL
R701	1-208-919-81	s	RES, CHIP 22K (1005)
R702	1-208-911-81	s	RES, CHIP 10K (1005)
R703	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R704	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R705	1-208-911-81	s	RES, CHIP 10K (1005)
R706	1-208-879-81	s	RES, CHIP 470 (1005)
R707	1-208-911-81	s	RES, CHIP 10K (1005)
R709	1-208-881-81	s	RES, CHIP 560 (1005)
R710	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R711	1-208-959-81	s	RES, CHIP 1M (1005)
R712	1-208-915-81	s	RES, CHIP 15K (1005)
R713	1-208-915-81	s	RES, CHIP 15K (1005)
R714	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R715	1-208-911-81	s	RES, CHIP 10K (1005)
R716	1-208-911-81	s	RES, CHIP 10K (1005)
R717	1-208-919-81	s	RES, CHIP 22K (1005)
R723	1-208-915-81	s	RES, CHIP 15K (1005)
R724	1-208-915-81	s	RES, CHIP 15K (1005)
R725	1-208-911-81	s	RES, CHIP 10K (1005)
R726	1-208-911-81	s	RES, CHIP 10K (1005)
R727	1-208-911-81	s	RES, CHIP 10K (1005)
R728	1-208-911-81	s	RES, CHIP 10K (1005)
R729	1-208-879-81	s	RES, CHIP 470 (1005)
R730	1-208-911-81	s	RES, CHIP 10K (1005)
R731	1-208-911-81	s	RES, CHIP 10K (1005)
R732	1-208-911-81	s	RES, CHIP 10K (1005)
R735	1-208-911-81	s	RES, CHIP 10K (1005)
VDR701	1-802-245-11	s	ESD SUPPRESSOR
VDR702	1-802-245-11	s	ESD SUPPRESSOR
X701	1-813-205-11	s	VIBRATOR, CRYSTAL (24 MHz)

CN-3315 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1860-210-A	s	MOUNTED CIRCUIT BOARD, CN-3315
CN1	1-779-522-31	s	CONNECTOR, FFC/FPC(ZIF) AN 40P
CN2	1-764-441-51	s	CONNECTOR, FPC 30P
CN3	1-819-109-11	s	CONNECTOR, BOARD TO BOARD 100P

CN-3455 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-432-A	s	MOUNTED CIRCUIT BOARD, CN-3455
C201	1-114-214-81	s	CAP,CHIP CERAMIC470PF CH1005
C211	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C212	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C213	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C214	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C215	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C216	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C217	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C218	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
CN4	1-770-623-21	s	PIN, CONNECTOR 6P
CN201	1-770-627-21	s	PIN, CONNECTOR 10P
CN202	1-573-594-12	s	CONNECTOR, XLR TYPE 3P
CN203	1-573-594-12	s	CONNECTOR, XLR TYPE 3P
ET201	1-780-569-11	s	TERMINAL (ON BOARD CONTACT)
ET202	1-780-569-11	s	TERMINAL (ON BOARD CONTACT)
FB201	1-400-832-21	s	SMD EMI FERRITE
FB202	1-400-832-21	s	SMD EMI FERRITE
FB203	1-400-832-21	s	SMD EMI FERRITE
FB204	1-400-832-21	s	SMD EMI FERRITE
FB205	1-400-832-21	s	SMD EMI FERRITE
FB206	1-400-832-21	s	SMD EMI FERRITE
L201	1-457-217-21	o	COMMON MODE CHOKE COIL
L202	1-457-217-21	o	COMMON MODE CHOKE COIL
R201	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R202	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R203	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R206	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R207	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R208	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R211	1-208-887-81	s	RES, CHIP 1.0K (1005)
R212	1-208-887-81	s	RES, CHIP 1.0K (1005)
R213	1-208-887-81	s	RES, CHIP 1.0K (1005)
R214	1-208-887-81	s	RES, CHIP 1.0K (1005)
R215	1-208-887-81	s	RES, CHIP 1.0K (1005)
R216	1-208-887-81	s	RES, CHIP 1.0K (1005)
R217	1-208-887-81	s	RES, CHIP 1.0K (1005)
R218	1-208-887-81	s	RES, CHIP 1.0K (1005)
R219	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R220	1-216-864-91	s	CONDUCTOR, CHIP (1608)
S201	1-771-122-11	s	SWITCH, SLIDE
S202	1-771-122-11	s	SWITCH, SLIDE
S203	1-571-427-11	s	SWITCH, SLIDE
S204	1-771-122-11	s	SWITCH, SLIDE

CN-3456 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-433-A	s	MOUNTED CIRCUIT BOARD, CN-3456
3pcs	3-729-061-02	s	SCREW (M2) (TYPE 1)
C601	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C602	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C603	1-114-965-11	s	CAP, CERAMIC 4.7MF X7R (3225)
C604	1-114-965-11	s	CAP, CERAMIC 4.7MF X7R (3225)
C611	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C612	1-112-916-11	s	CAP, NIOBIUM ELECT 47MF 105
C613	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
CN5	1-785-840-31	s	CONNECTOR, FFC/FPC(ZIF) AN 15P
CN9	1-778-645-31	s	CONNECTOR, FFC/FPC(ZIF) AN 10P
CN501	1-793-152-21	o	CONNECTOR 11P
CN502	1-784-254-21	s	CONNECTOR 10P
CN601	1-580-544-11	s	PIN, CONNECTOR (PC BOARD) 30P
CN602	1-793-807-21	o	PIN, CONNECTOR (WITH PWB) 20P
CN603	1-770-470-21	s	PIN, CONNECTOR (PC BOARD) 6P
CN604	1-580-572-11	o	PIN, CONNECTOR (PC BOARD) 34P
CN606	1-816-587-21	s	PIN, CONNECTOR (PC BOARD) 15P
CN607	1-779-993-21	s	PIN, CONNECTOR (PWB) 5P
CN701	1-778-645-31	s	CONNECTOR, FFC/FPC(ZIF) AN 10P
CN2000	1-816-113-21	s	CONNECTOR 15P
CN3000	1-784-254-21	s	CONNECTOR 10P
D602	6-501-123-01	s	DIODE RB160M-60TR
D603	6-501-123-01	s	DIODE RB160M-60TR
D611	6-501-123-01	s	DIODE RB160M-60TR
ET601	1-780-925-11	s	TERMINAL, LUG
ET602	1-780-925-11	s	TERMINAL, LUG
FB601	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB602	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB603	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB604	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB605	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB606	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB607	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB608	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB609	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
IC101	6-711-505-01	s	IC BA00DD0WHFP-TR
IC602	6-714-067-01	s	IC PCA9555DB-T
L601	1-457-439-11	s	CHOKE COIL (SMD) 4.7UH
L602	1-457-439-11	s	CHOKE COIL (SMD) 4.7UH
L603	1-457-439-11	s	CHOKE COIL (SMD) 4.7UH
L604	1-457-439-11	s	CHOKE COIL (SMD) 4.7UH
LP601	4-369-317-01	s	PIN, COATING LEAD
LP602	4-369-317-01	s	PIN, COATING LEAD
LP603	4-369-317-01	s	PIN, COATING LEAD
R1	1-208-855-81	s	RES, CHIP 47 (1005)
R2	1-208-855-81	s	RES, CHIP 47 (1005)
R611	1-208-911-81	s	RES, CHIP 10K (1005)
R612	1-208-911-81	s	RES, CHIP 10K (1005)
R613	1-208-895-81	s	RES, CHIP 2.2K (1005)
R614	1-208-875-81	s	RES, CHIP 330 (1005)
R615	1-208-855-81	s	RES, CHIP 47 (1005)
THP601 ⚠	1-803-615-21	s	THERMISTOR, POSITIVE
THP602 ⚠	1-803-615-21	s	THERMISTOR, POSITIVE
THP603 ⚠	1-803-615-21	s	THERMISTOR, POSITIVE
THP604 ⚠	1-803-615-21	s	THERMISTOR, POSITIVE

CN-3457 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-413-A	s	MOUNTED CIRCUIT BOARD, CN-3457
CN1	⚠ 1-691-960-11	o	PIN, CONNECTOR (PC BOARD) 3P
CN2	⚠ 1-766-176-11	o	PIN, CONNECTOR (PC BOARD) 6P
CN3	⚠ 1-580-838-11	o	PIN, CONNECTOR (PC BOARD) 4P

CN-3458 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-434-A	s	MOUNTED CIRCUIT BOARD, CN-3458
C251	1-114-214-81	s	CAP,CHIP CERAMIC470PF CH1005
C252	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C253	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
CN251	1-779-806-21	s	CONNECTOR 8P
CN252	1-784-602-11	s	CONNECTOR, XLR (RECEPTACLE) 5P
ET251	1-780-569-11	s	TERMINAL (ON BOARD CONTACT)
FB251	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB252	1-414-445-21	s	FERRITE, EMI (SMD) (1608)
FB253	1-414-445-21	s	FERRITE, EMI (SMD) (1608)
L251	1-457-217-21	o	COMMON MODE CHOKE COIL

CN-3459 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-426-A	s	MOUNTED CIRCUIT BOARD, CN-3459
C401	1-100-581-81	s	CAP,CHIP CERAMIC0.0047MF B1005
C402	1-112-776-11	s	CAP, CERAMIC 4700PF X7R 1005
C403	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C404	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C405	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C406	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
CN401	1-784-254-21	s	CONNECTOR 10P
CN402	1-766-696-11	o	CONNECTOR, ROUND TYPE 8P
FB401	1-234-518-21	s	ARRAY, FERRITE CHIP
FB402	1-400-832-21	s	SMD EMI FERRITE
FB403	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB404	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB405	1-400-832-21	s	SMD EMI FERRITE
FB406	1-469-094-21	s	FERRITE, EMI (SMD) (1608)

CN-3460 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-427-A	s	MOUNTED CIRCUIT BOARD, CN-3460
C301	1-100-591-91	s	CAP, CHIP CERAMIC 1MF B 2012
C302	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C303	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C304	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C305	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005

CN-3460 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C306	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C307	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C308	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C309	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C310	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C311	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C312	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C313	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C314	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C315	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C316	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C317	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C318	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C319	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C320	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C321	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C322	1-100-591-91	s	CAP, CHIP CERAMIC 1MF B 2012
C323	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C324	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
CN301	1-818-745-21	o	HEADER ASSEMBLY 40P
CN302	1-565-443-11	o	RECEPTACLE, CONNECTOR 10P
CN303	1-819-262-11	s	CONNECTOR, ROUND TYPE 12P
CN304	1-562-222-21	s	CONNECTOR, ROUND TYPE 6P
CN305	1-563-929-11	s	CONNECTOR, ROUND TYPE (RF) 4P
FB301	1-234-518-21	s	ARRAY, FERRITE CHIP
FB302	1-234-518-21	s	ARRAY, FERRITE CHIP
FB303	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB304	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB305	1-469-108-21	s	FERRITE, EMI (SMD) (1608)
FB306	1-234-518-21	s	ARRAY, FERRITE CHIP
FB307	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB308	1-469-108-21	s	FERRITE, EMI (SMD) (1608)
FB309	1-469-108-21	s	FERRITE, EMI (SMD) (1608)
FB310	1-234-518-21	s	ARRAY, FERRITE CHIP
FB311	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
THP301	⚠ 1-802-108-11	s	THERMISTOR, POSITIVE
THP302	⚠ 1-811-201-11	s	THERMISTOR, POSITIVE

CN-3461 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-435-A	s	MOUNTED CIRCUIT BOARD, CN-3461
C803	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C804	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C805	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C806	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C807	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C808	1-116-493-11	s	CAP, CERAMIC 4.7MF X7R 3216
C809	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
CN3	1-819-110-11	s	CONNECTOR, BOARD TO BOARD 100P
CN606	1-816-587-21	s	PIN, CONNECTOR (PC BOARD) 15P
CN801	1-764-087-21	s	PIN, CONNECTOR (PC BOARD) 14P
CN802	1-793-358-21	s	PIN (PWB) (30P), CONNECTOR
L801	1-457-455-11	s	CHOKE COIL 10UH
L802	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
L803	1-469-561-21	s	INDUCTOR, CHIP 100UH (LB2016)
L804	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
L805	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L806	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)

CN-3461 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
L807	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
L808	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L809	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
R801	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R802	1-218-990-81	s	CONDUCTOR, CHIP (1005)
THP801	1-803-615-21	s	THERMISTOR, POSITIVE
TP801	1-780-925-11	s	TERMINAL, LUG

CN-3462 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-428-A	s	MOUNTED CIRCUIT BOARD, CN-3462
C101	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
CN102	1-819-109-11	s	CONNECTOR, BOARD TO BOARD 100P
CN801	1-764-087-21	s	PIN, CONNECTOR (PC BOARD) 14P
CN802	1-793-911-21	s	PIN, CONNECTOR (WITH PWB) 30P
L101	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
TP801	1-780-925-11	s	TERMINAL, LUG

CN-3463 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-429-A	s	MOUNTED CIRCUIT BOARD, CN-3463
C101	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C102	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C106	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C107	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C108	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C109	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C110	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C111	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C112	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C151	1-114-965-11	s	CAP, CERAMIC 4.7MF X7R (3225)
C152	1-114-965-11	s	CAP, CERAMIC 4.7MF X7R (3225)
C153	1-114-965-11	s	CAP, CERAMIC 4.7MF X7R (3225)
C154	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C155	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C156	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C157	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C158	1-114-965-11	s	CAP, CERAMIC 4.7MF X7R (3225)
C159	1-114-965-11	s	CAP, CERAMIC 4.7MF X7R (3225)
C161	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C162	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C163	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C164	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C165	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C166	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C167	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C168	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C169	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C170	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C171	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C172	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C173	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005

CN-3463 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C174	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C175	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C176	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C177	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C178	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C179	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C180	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C181	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C182	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C183	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C184	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C185	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C186	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C187	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C188	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C189	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C190	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C191	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C192	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C193	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
CN8	1-794-142-31	s	CONNECTOR, FFC/FPC(ZIF) AN 36P
CN10	1-770-626-21	s	PIN, CONNECTOR 9P
CN11	1-819-577-21	s	PIN, CONNECTOR (PC BOARD) 15P
CN21	1-764-243-31	o	CONNECTOR (COAXIAL)
CN22	1-764-243-31	o	CONNECTOR (COAXIAL)
CN103	1-794-307-21	o	CONNECTOR, BOARD TO BOARD
CN110	1-580-570-11	o	PIN, CONNECTOR (PC BOARD) 30P
CN111	1-770-630-21	s	PIN, CONNECTOR 13P
CN112	1-785-946-21	s	CONNECTOR 3P
CN301	1-818-745-21	o	HEADER ASSEMBLY 40P
CN401	1-784-254-21	s	CONNECTOR 10P
D101	8-719-069-28	s	DI 1SS400FJTE61
D151	8-719-069-28	s	DI 1SS400FJTE61
E1	1-535-877-22	s	CHIP, CHECKER
E2	1-535-877-22	s	CHIP, CHECKER
E3	1-535-877-22	s	CHIP, CHECKER
E4	1-535-877-22	s	CHIP, CHECKER
E5	1-535-877-22	s	CHIP, CHECKER
E6	1-535-877-22	s	CHIP, CHECKER
FB101	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB102	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB103	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB104	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB105	1-469-108-21	s	FERRITE, EMI (SMD) (1608)
FB106	1-469-108-21	s	FERRITE, EMI (SMD) (1608)
FB151	1-400-832-21	s	SMD EMI FERRITE
FB152	1-400-832-21	s	SMD EMI FERRITE
FB153	1-400-832-21	s	SMD EMI FERRITE
FB154	1-400-832-21	s	SMD EMI FERRITE
FB155	1-400-832-21	s	SMD EMI FERRITE
FB156	1-400-832-21	s	SMD EMI FERRITE
FB157	1-400-832-21	s	SMD EMI FERRITE
FB158	1-400-832-21	s	SMD EMI FERRITE
FB159	1-400-832-21	s	SMD EMI FERRITE
FB160	1-400-832-21	s	SMD EMI FERRITE
FB161	1-400-832-21	s	SMD EMI FERRITE
FB162	1-400-832-21	s	SMD EMI FERRITE
FB163	1-400-832-21	s	SMD EMI FERRITE
FB164	1-400-832-21	s	SMD EMI FERRITE
FB165	1-400-832-21	s	SMD EMI FERRITE
FB166	1-400-832-21	s	SMD EMI FERRITE
FB167	1-400-832-21	s	SMD EMI FERRITE
FB168	1-400-832-21	s	SMD EMI FERRITE

CN-3463 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
FB169	1-400-832-21	s	SMD EMI FERRITE
FB170	1-400-832-21	s	SMD EMI FERRITE
FB171	1-400-832-21	s	SMD EMI FERRITE
FB172	1-400-832-21	s	SMD EMI FERRITE
FB173	1-400-832-21	s	SMD EMI FERRITE
FB174	1-400-832-21	s	SMD EMI FERRITE
FB175	1-400-832-21	s	SMD EMI FERRITE
FB176	1-400-832-21	s	SMD EMI FERRITE
FB177	1-400-832-21	s	SMD EMI FERRITE
FB178	1-400-832-21	s	SMD EMI FERRITE
FB179	1-400-832-21	s	SMD EMI FERRITE
FB180	1-400-832-21	s	SMD EMI FERRITE
FB181	1-400-832-21	s	SMD EMI FERRITE
FB182	1-400-832-21	s	SMD EMI FERRITE
FB183	1-400-832-21	s	SMD EMI FERRITE
FL141	1-200-014-21	s	FILTER, EMI REMOVAL (SMD)
FL142	1-200-014-21	s	FILTER, EMI REMOVAL (SMD)
FL143	1-200-014-21	s	FILTER, EMI REMOVAL (SMD)
FL144	1-200-014-21	s	FILTER, EMI REMOVAL (SMD)
FL145	1-200-014-21	s	FILTER, EMI REMOVAL (SMD)
FL146	1-200-014-21	s	FILTER, EMI REMOVAL (SMD)
FL147	1-200-014-21	s	FILTER, EMI REMOVAL (SMD)
FL148	1-200-014-21	s	FILTER, EMI REMOVAL (SMD)
IC102	6-711-237-01	s	IC NJM2878F3-33 (TE2)
IC151	6-714-067-01	s	IC PCA9555DB-T
IC152	6-714-067-01	s	IC PCA9555DB-T
Q151	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q152	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q153	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q154	8-729-929-09	s	TRANSISTOR DTC123JE-TL
R151	1-208-855-81	s	RES, CHIP 47 (1005)
R152	1-208-855-81	s	RES, CHIP 47 (1005)
R153	1-208-855-81	s	RES, CHIP 47 (1005)
R154	1-208-855-81	s	RES, CHIP 47 (1005)
R155	1-208-879-81	s	RES, CHIP 470 (1005)
R156	1-208-879-81	s	RES, CHIP 470 (1005)
R157	1-208-927-81	s	RES, CHIP 47K (1005)
R158	1-208-927-81	s	RES, CHIP 47K (1005)
R159	1-208-871-81	s	RES, CHIP 220 (1005)
R160	1-208-871-81	s	RES, CHIP 220 (1005)
R161	1-208-871-81	s	RES, CHIP 220 (1005)
R162	1-208-871-81	s	RES, CHIP 220 (1005)
R164	1-218-990-81	s	CONDUCTOR, CHIP (1005)
RB151	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB152	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB153	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB154	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB155	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB156	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB157	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB158	1-234-372-21	s	RES, NETWORK 100 (1005X4)
THP11	⚠ 1-803-353-21	s	THERMISTOR, POSITIVE
TP3	1-780-925-11	s	TERMINAL, LUG
TP4	1-780-925-11	s	TERMINAL, LUG

CN-3464 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-431-A	s	MOUNTED CIRCUIT BOARD, CN-3464
C611	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C612	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C613	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C614	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C615	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C616	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
CN603	1-794-509-21	s	PIN, CONNECTOR (PC BOARD) (3P)
CN611	1-564-002-11	s	PIN, CONNECTOR 3P
ET601	1-780-925-11	s	TERMINAL, LUG
L611	1-457-455-11	s	CHOKE COIL 10UH
L612	1-457-455-11	s	CHOKE COIL 10UH

CN-3473 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-410-A	s	MOUNTED CIRCUIT BOARD, CN-3473
C1	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C2	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C3	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C4	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
CN1	1-822-664-11	s	JACK, MODULAR (GIGA LED SMALL)
FB1	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
R1	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2	1-208-887-81	s	RES, CHIP 1.0K (1005)

CN-3520 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-416-A	s	MOUNTED CIRCUIT BOARD, CN-3520
C621	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C622	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C623	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C624	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C625	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C626	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
CN604	1-764-250-21	s	PIN, CONNECTOR (PC BOARD) 4P
CN621	1-691-550-21	s	PIN, CONNECTOR (1.5MM)(SMD) 3P
ET621	1-780-925-11	s	TERMINAL, LUG
L621	1-457-455-11	s	CHOKE COIL 10UH
L622	1-457-455-11	s	CHOKE COIL 10UH

DPR-338 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1861-312-A	s	MOUNTED CIRCUIT BOARD, DPR-338
3pcs	3-729-061-02	s	SCREW (M2) (TYPE 1)

DPR-338 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C11	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C12	1-112-916-11	s	CAP, NIOBIUM ELECT 47MF 105
C13	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C16	1-114-166-91	s	CAP, CERAMIC 0.01MF B (0603)
C17	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C18	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C21	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C22	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C23	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C24	1-100-581-81	s	CAP,CHIP CERAMIC0.0047MF B1005
C25	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C26	1-100-581-81	s	CAP,CHIP CERAMIC0.0047MF B1005
C27	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C28	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C29	1-112-916-11	s	CAP, NIOBIUM ELECT 47MF 105
C30	1-112-916-11	s	CAP, NIOBIUM ELECT 47MF 105
C31	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C32	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C33	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C34	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C35	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C36	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C39	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C40	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C41	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C42	1-114-214-81	s	CAP,CHIP CERAMIC470PF CH1005
C43	1-114-214-81	s	CAP,CHIP CERAMIC470PF CH1005
C44	1-114-214-81	s	CAP,CHIP CERAMIC470PF CH1005
C46	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C47	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C48	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C49	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C50	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C51	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C52	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C53	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C54	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C55	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C56	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C57	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C58	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C59	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C60	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C61	1-164-936-81	s	CAP, CHIP CERAMIC 680PF B 1005
C62	1-164-936-81	s	CAP, CHIP CERAMIC 680PF B 1005
C63	1-164-936-81	s	CAP, CHIP CERAMIC 680PF B 1005
C64	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C65	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C66	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C67	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C68	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C69	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C70	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C71	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C72	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C73	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C74	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C75	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C76	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C77	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C78	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C79	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C80	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C81	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C82	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)

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Ref. No. or Q'ty	Part No.	SP	Description
C83	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C84	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C85	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C86	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C87	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C88	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C89	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C90	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C91	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C92	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C93	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C94	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C95	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C96	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C97	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C98	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C99	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C100	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C101	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C102	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C103	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C104	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C105	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C106	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C107	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C108	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C109	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C110	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C111	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C112	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C113	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C114	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C115	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C116	1-114-548-11	s	CAP, NIOBIUM ELECT 22UF
C117	1-114-548-11	s	CAP, NIOBIUM ELECT 22UF
C118	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C119	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C120	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C123	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C124	1-100-581-81	s	CAP,CHIP CERAMIC0.0047MF B1005
C125	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C126	1-100-581-81	s	CAP,CHIP CERAMIC0.0047MF B1005
C127	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C128	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C129	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C130	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C131	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C132	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C135	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C136	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C137	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C138	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C139	1-114-214-81	s	CAP,CHIP CERAMIC470PF CH1005
C140	1-114-214-81	s	CAP,CHIP CERAMIC470PF CH1005
C141	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C142	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C143	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C144	1-114-548-11	s	CAP, NIOBIUM ELECT 22UF
C145	1-112-916-11	s	CAP, NIOBIUM ELECT 47MF 105
C146	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C147	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C148	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C149	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C150	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C151	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225

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C152	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C153	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C154	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C155	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C156	1-164-936-81	s	CAP, CHIP CERAMIC 680PF B 1005
C157	1-164-936-81	s	CAP, CHIP CERAMIC 680PF B 1005
C158	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C159	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C160	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C161	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C162	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C163	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C164	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C165	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C166	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C167	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C168	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C169	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C170	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C171	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C172	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C173	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C174	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C175	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C176	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C177	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C178	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C179	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C180	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C181	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C182	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C183	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C184	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C185	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C186	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C187	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C188	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C189	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C190	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C191	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C192	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C193	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C194	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C195	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C196	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C197	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C201	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C202	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C203	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C204	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C205	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C206	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C207	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C208	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C209	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C210	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C211	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C212	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C213	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C214	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C215	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C216	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C217	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C218	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C219	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)

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C220	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C221	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C222	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C223	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C224	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C229	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C230	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C231	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C232	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C233	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C234	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C235	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C236	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C237	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C238	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C239	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C240	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C241	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C242	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C243	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C244	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C245	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C246	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C247	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C248	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C249	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C250	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C251	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C252	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C253	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C254	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C255	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C256	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C257	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C258	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C259	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C260	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C261	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C262	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C263	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C264	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C265	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C266	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C267	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C268	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C269	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C270	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C271	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C272	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C273	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C274	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C275	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C276	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C277	1-114-983-91	s	CAP, CHIP CERAMIC 2.2MF B 1608
C278	1-114-983-91	s	CAP, CHIP CERAMIC 2.2MF B 1608
C279	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C280	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C281	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C282	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C283	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C284	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C285	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C286	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C287	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C288	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005

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C289	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C290	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C291	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C292	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C293	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C294	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C295	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C296	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C299	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C300	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C301	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C302	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C303	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C304	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C305	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C306	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C307	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C308	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C309	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C310	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C311	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C312	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C313	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C314	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C315	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C316	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C317	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C318	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C319	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C320	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C321	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C322	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C323	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C324	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C325	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C326	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C327	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C328	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C329	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C330	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C331	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C332	1-114-983-91	s	CAP, CHIP CERAMIC 2.2MF B 1608
C333	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C334	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C335	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C336	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C337	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C338	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C339	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C340	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C341	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C342	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C343	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C344	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C345	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C346	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C347	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C348	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C349	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C350	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C351	1-164-854-81	s	CAP, CHIP CERAMIC 15PF CH 1005
C352	1-164-854-81	s	CAP, CHIP CERAMIC 15PF CH 1005
C353	1-164-854-81	s	CAP, CHIP CERAMIC 15PF CH 1005
C354	1-164-854-81	s	CAP, CHIP CERAMIC 15PF CH 1005
C355	1-164-854-81	s	CAP, CHIP CERAMIC 15PF CH 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C356	1-164-854-81	s	CAP, CHIP CERAMIC 15PF CH 1005
C361	1-164-847-81	s	CAP, CHIP CERAMIC 7PF CH 1005
C362	1-164-847-81	s	CAP, CHIP CERAMIC 7PF CH 1005
C363	1-164-847-81	s	CAP, CHIP CERAMIC 7PF CH 1005
C364	1-164-847-81	s	CAP, CHIP CERAMIC 7PF CH 1005
C365	1-164-847-81	s	CAP, CHIP CERAMIC 7PF CH 1005
C366	1-164-847-81	s	CAP, CHIP CERAMIC 7PF CH 1005
C401	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C402	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C403	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C404	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C405	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C406	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C407	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C408	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C409	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C410	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C411	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C412	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C413	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C414	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C415	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C416	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C417	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C418	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C419	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C420	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C421	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C422	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C423	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C424	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C425	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C426	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C427	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C428	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C429	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C430	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C431	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C432	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C433	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C434	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C435	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C436	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C437	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C438	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C439	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C440	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C441	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C442	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C443	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C444	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C445	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C446	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C447	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C448	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C449	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C450	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C451	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C452	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C453	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C454	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C455	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C456	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C457	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C458	1-165-989-91	s	CAP, CERAMIC 10MF (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
C459	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C460	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C461	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C462	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C463	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C464	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C465	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C466	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C467	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C468	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C469	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C470	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C471	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C472	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C474	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C475	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C476	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C477	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C478	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C479	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C501	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C502	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C503	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C504	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C505	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C506	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C507	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C508	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C509	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C510	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C511	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C512	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C513	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C514	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C515	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C516	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C517	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C518	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C519	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C520	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C521	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C522	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C523	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C524	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C525	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C526	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C527	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C528	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C529	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C530	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C531	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C532	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C533	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C534	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C535	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C536	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C537	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C538	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C539	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C540	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C541	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C542	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C543	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C544	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C545	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C551	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C552	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C553	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C554	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C555	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C556	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C557	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C558	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C559	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C560	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C561	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C562	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C563	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C564	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C565	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C566	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C567	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C568	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C569	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C570	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C571	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C572	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C573	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C574	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C575	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C576	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C577	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C578	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C579	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C580	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C581	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C582	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C583	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C584	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C585	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C586	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C587	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C588	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C589	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C590	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C591	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C592	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C593	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C594	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C595	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C596	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C597	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C598	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C599	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C600	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C601	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C602	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C603	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C604	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C605	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C606	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C607	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C608	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C609	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C610	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C611	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C612	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C613	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C614	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C615	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C616	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C617	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C618	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C619	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C620	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C621	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C622	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C623	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C624	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C625	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C626	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C627	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C628	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C629	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C630	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C631	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C632	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C633	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C634	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C635	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C636	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C637	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C638	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C639	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C640	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C641	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C642	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C643	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C644	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C645	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C646	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C647	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C648	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C649	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C650	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C651	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C652	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C653	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C654	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C655	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C656	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C657	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C658	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C659	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C660	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C661	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C662	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C663	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C664	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C665	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C666	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C667	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C668	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C669	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C670	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C671	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C672	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C673	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C674	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C675	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C676	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C677	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C678	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C679	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C680	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C681	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C682	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C683	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C684	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C685	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C686	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C687	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C688	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C689	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C690	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C691	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C692	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C693	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C694	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C695	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C696	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C697	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C698	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C699	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C700	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C701	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C702	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C711	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C712	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C713	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C714	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C715	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C721	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C722	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C731	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C732	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C733	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C734	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C735	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C736	1-114-548-11	s	CAP, NIOBIUM ELECT 22UF
C737	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C738	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C739	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C740	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C741	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C742	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C743	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C744	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C745	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C746	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C747	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C748	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C749	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C750	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C751	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C752	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C753	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C754	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C755	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C756	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C757	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C758	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C759	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C760	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C761	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C762	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C763	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C764	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C765	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C766	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

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C767	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C768	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C769	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C770	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C771	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C772	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C773	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C774	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C775	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C776	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C777	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C778	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C779	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C780	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C781	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C782	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C783	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C784	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C785	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C786	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C787	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C788	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C789	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C790	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C791	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C792	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C793	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C794	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C795	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C796	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C797	1-114-548-11	s	CAP, NIOBIUM ELECT 22UF
C798	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C799	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C800	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C801	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C802	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C803	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C804	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C805	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C806	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C807	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C808	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C809	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C810	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C811	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C812	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C813	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C814	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C815	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C816	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C817	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C818	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C819	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C820	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C821	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C822	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C823	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C824	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C825	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C826	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C827	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C828	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C829	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C830	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C831	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C832	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C833	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C834	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C835	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C836	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C837	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C838	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C839	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C840	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C841	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C842	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C843	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C844	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C845	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C846	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C847	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C848	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C849	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C850	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C851	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C852	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C853	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C854	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C855	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C856	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C857	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C858	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C859	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C860	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C861	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C862	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C863	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C864	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C865	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C866	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C867	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C868	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C869	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C870	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C871	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C872	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C873	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C874	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C875	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C876	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C877	1-112-933-11	s	CAP, NIOBIUM ELECT 47MF
C878	1-112-933-11	s	CAP, NIOBIUM ELECT 47MF
C879	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C880	1-112-933-11	s	CAP, NIOBIUM ELECT 47MF
C882	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C883	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C884	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C885	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C886	1-112-933-11	s	CAP, NIOBIUM ELECT 47MF
C887	1-112-933-11	s	CAP, NIOBIUM ELECT 47MF
C888	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C889	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C890	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C891	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C892	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C893	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C894	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C895	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C896	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C897	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)

Ref. No. or Q'ty	Part No.	SP	Description
C898	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C899	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C900	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C901	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C902	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C903	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C904	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C905	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C906	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C907	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C908	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C909	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C910	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C913	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C914	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C915	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C916	1-100-581-81	s	CAP,CHIP CERAMIC0.0047MF B1005
C917	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C918	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C919	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C920	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C921	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C922	1-164-842-81	s	CAP,CHIP CERAMIC 2.0PF CK 1005
C923	1-164-842-81	s	CAP,CHIP CERAMIC 2.0PF CK 1005
C924	1-164-842-81	s	CAP,CHIP CERAMIC 2.0PF CK 1005
C925	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C926	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C928	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C930	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C932	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C933	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C934	1-164-852-81	s	CAP, CHIP CERAMIC 12PF CH 1005
C935	1-164-852-81	s	CAP, CHIP CERAMIC 12PF CH 1005
C936	1-164-852-81	s	CAP, CHIP CERAMIC 12PF CH 1005
C937	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C938	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C939	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C940	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C941	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C942	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C943	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C944	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C945	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C946	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C947	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C948	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C949	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C950	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C951	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C952	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C953	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C954	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C955	1-164-854-81	s	CAP, CHIP CERAMIC 15PF CH 1005
C956	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C957	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C961	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C962	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C963	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C964	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C965	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C966	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C967	1-114-548-11	s	CAP, NIOBIUM ELECT 22UF
C969	1-127-956-21	s	CAP, CHIP FILM 0.1MF (3225)
C970	1-114-548-11	s	CAP, NIOBIUM ELECT 22UF
C972	1-127-956-21	s	CAP, CHIP FILM 0.1MF (3225)

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Ref. No. or Q'ty	Part No.	SP	Description
C973	1-127-956-21	s	CAP, CHIP FILM 0.1MF (3225)
C974	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C975	1-127-956-21	s	CAP, CHIP FILM 0.1MF (3225)
C976	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C977	1-127-950-21	s	CAP, CHIP FILM 0.01MF (2012)
C978	1-127-950-21	s	CAP, CHIP FILM 0.01MF (2012)
C979	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C980	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C981	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C982	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C983	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C984	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C985	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C986	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C987	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C988	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C989	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C990	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C991	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C992	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C993	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2001	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2013	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C2014	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C2015	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C2016	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
CN102	1-819-110-11	s	CONNECTOR, BOARD TO BOARD 100P
CN103	1-843-236-11	s	HEADER ASSEMBLY FOR PWB ST 41P
CN104	1-843-236-11	s	HEADER ASSEMBLY FOR PWB ST 41P
CN501	1-784-254-21	s	CONNECTOR 10P
CN601	1-784-254-21	s	CONNECTOR 10P
CN801	1-764-243-31	o	CONNECTOR (COAXIAL)
D101	8-719-083-60	s	DI UDZSUSTE-174.7B
D102	8-719-083-60	s	DI UDZSUSTE-174.7B
D103	6-502-598-01	s	DI SML-D12U8WT86
D104	6-502-197-01	s	DI SML-D12M8WT86SM
D105	6-502-197-01	s	DI SML-D12M8WT86SM
D106	8-719-083-60	s	DI UDZSUSTE-174.7B
D107	8-719-074-31	s	DIODE CL-196YG-CD-T
D301	8-719-074-31	s	DIODE CL-196YG-CD-T
D901	8-719-820-42	s	DIODE 1SS302-TE85L
D902	6-502-197-01	s	DI SML-D12M8WT86SM
D903	8-719-820-42	s	DIODE 1SS302-TE85L
D904	8-719-820-42	s	DIODE 1SS302-TE85L
D905	6-502-598-01	s	DI SML-D12U8WT86
E1	1-535-877-22	s	CHIP, CHECKER
E2	1-535-877-22	s	CHIP, CHECKER
E4	1-535-877-22	s	CHIP, CHECKER
E5	1-535-877-22	s	CHIP, CHECKER
E6	1-535-877-22	s	CHIP, CHECKER
FB101	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB102	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB103	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB104	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB105	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB106	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB107	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB108	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB109	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB110	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB111	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB112	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB113	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB114	1-414-864-21	s	FERRITE, EMI (SMD) (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
FB115	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB116	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB117	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB118	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB119	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB120	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB121	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB122	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB123	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB124	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB125	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB126	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB127	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB128	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB129	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB130	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB131	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB132	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB133	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB134	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB135	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB136	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB137	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB138	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB139	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB141	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB142	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB143	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB144	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB145	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB146	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB147	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB148	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB149	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB150	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB151	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB203	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB204	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB206	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB207	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB208	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB209	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB210	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB301	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB302	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB303	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB304	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB306	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB307	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB308	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB309	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB310	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB311	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB312	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB313	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB314	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB401	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB402	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB403	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB404	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB501	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB502	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB503	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB504	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB505	1-414-864-21	s	FERRITE, EMI (SMD) (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
FB506	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB507	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB508	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB509	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB510	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB511	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB512	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB513	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB601	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB702	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB703	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB704	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB706	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB707	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB708	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB709	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB710	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB711	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB712	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB713	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB714	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB715	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB716	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB801	1-481-195-21	s	FERRITE, EMI (SMD)
FB802	1-481-195-21	s	FERRITE, EMI (SMD)
FB803	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB804	1-481-195-21	s	FERRITE, EMI (SMD)
FB805	1-481-195-21	s	FERRITE, EMI (SMD)
FB806	1-481-195-21	s	FERRITE, EMI (SMD)
FB807	1-481-195-21	s	FERRITE, EMI (SMD)
FB808	1-481-195-21	s	FERRITE, EMI (SMD)
FB809	1-481-195-21	s	FERRITE, EMI (SMD)
FB810	1-481-195-21	s	FERRITE, EMI (SMD)
FB811	1-481-195-21	s	FERRITE, EMI (SMD)
FB901	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB902	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB903	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
IC101	8-759-327-01	s	IC NJM062V(TE2)
IC102	6-713-169-01	s	IC LTC3412AEFE#TR
IC103	6-713-169-01	s	IC LTC3412AEFE#TR
IC104	6-713-169-01	s	IC LTC3412AEFE#TR
IC105	6-704-976-01	s	IC ADR381ARTZ-REEL7
IC106	8-759-327-01	s	IC NJM062V(TE2)
IC107	6-713-169-01	s	IC LTC3412AEFE#TR
IC108	6-713-169-01	s	IC LTC3412AEFE#TR
IC109	6-707-849-01	s	IC TC74LCX244FT(EKJ)
IC110	8-759-592-48	s	IC TC7SZ32FU(TE85R)
IC111	8-759-592-48	s	IC TC7SZ32FU(TE85R)
IC112	8-759-592-48	s	IC TC7SZ32FU(TE85R)
IC113	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC114	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC115	8-759-592-42	s	IC TC7SZ00FU(TE85R)
IC116	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC117	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC120	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC121	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC122	6-711-485-01	s	IC TC74VCX125FK(EL)
IC123	6-711-485-01	s	IC TC74VCX125FK(EL)
IC124	8-759-327-01	s	IC NJM062V(TE2)
IC125	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC126	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC201	6-706-863-01	s	IC LMH6732MFX/NOPB
IC202	6-706-863-01	s	IC LMH6732MFX/NOPB
IC203	6-706-863-01	s	IC LMH6732MFX/NOPB

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Ref. No. or Q'ty	Part No.	SP	Description
IC204	6-706-863-01	s	IC LMH6732MFX/NOPB
IC207	6-706-863-01	s	IC LMH6732MFX/NOPB
IC208	6-706-863-01	s	IC LMH6732MFX/NOPB
IC209	8-759-675-54	s	IC TC7W53FK(TE85R)
IC210	8-759-675-54	s	IC TC7W53FK(TE85R)
IC212	8-759-675-54	s	IC TC7W53FK(TE85R)
IC213	8-759-675-54	s	IC TC7W53FK(TE85R)
IC214	8-759-675-54	s	IC TC7W53FK(TE85R)
IC215	8-759-675-54	s	IC TC7W53FK(TE85R)
IC216	8-759-327-01	s	IC NJM062V(TE2)
IC217	8-759-327-01	s	IC NJM062V(TE2)
IC218	8-759-327-01	s	IC NJM062V(TE2)
IC219	6-707-884-01	s	IC TC74VHCT04AFT(EKJ)
IC220	6-707-884-01	s	IC TC74VHCT04AFT(EKJ)
IC221	6-708-676-01	s	IC AD8138ARMZ-REEL7
IC222	6-708-676-01	s	IC AD8138ARMZ-REEL7
IC223	6-708-676-01	s	IC AD8138ARMZ-REEL7
IC224	6-708-676-01	s	IC AD8138ARMZ-REEL7
IC225	6-708-676-01	s	IC AD8138ARMZ-REEL7
IC226	6-708-676-01	s	IC AD8138ARMZ-REEL7
IC227	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC228	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC229	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC230	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC302	6-707-855-01	s	IC TC74LCX574FT(EKJ)
IC304	8-759-592-42	s	IC TC7SZ00FU(TE85R)
IC305	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC307	6-704-238-01	s	IC S-812C30AUA-C2KT2G
IC308	8-759-592-42	s	IC TC7SZ00FU(TE85R)
IC406	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC502	6-714-608-01	s	IC TPS51200DRCR
IC506	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC507	6-711-485-01	s	IC TC74VCX125FK(EL)
IC508	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC509	8-759-592-44	s	IC TC7SZ04FU(TE85R)
IC510	6-711-485-01	s	IC TC74VCX125FK(EL)
IC603	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC604	6-711-485-01	s	IC TC74VCX125FK(EL)
IC605	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC606	8-759-592-44	s	IC TC7SZ04FU(TE85R)
IC607	6-711-485-01	s	IC TC74VCX125FK(EL)
IC701	6-712-135-01	o	IC R1173H001D-T1-F
IC702	6-714-534-01	s	IC W9864G2IH-6-ER10
IC703	6-714-534-01	s	IC W9864G2IH-6-ER10
IC704	6-714-534-01	s	IC W9864G2IH-6-ER10
IC705	6-714-534-01	s	IC W9864G2IH-6-ER10
IC802	6-713-192-11	s	IC GS2978-CNTE3Z
IC803	6-707-997-01	s	IC ADV7320KSTZ
IC804	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC805	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC806	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC807	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC808	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC901	8-759-485-24	s	IC MC74HC4046ADTR2
IC902	8-759-485-24	s	IC MC74HC4046ADTR2
IC903	8-759-675-54	s	IC TC7W53FK(TE85R)
IC904	8-759-675-54	s	IC TC7W53FK(TE85R)
IC905	8-759-675-54	s	IC TC7W53FK(TE85R)
IC906	8-759-592-43	s	IC TC7SZ02FU(TE85R)
IC907	8-759-675-47	s	IC SN74LVC04APWR
IC908	6-708-277-01	s	IC CDCVF25081PWR
IC909	6-700-831-01	s	IC TC7WZ74FK
IC910	6-706-478-01	s	IC TC7SET08FU
IC911	6-706-478-01	s	IC TC7SET08FU
IC912	6-706-478-01	s	IC TC7SET08FU

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Ref. No. or Q'ty	Part No.	SP	Description
IC913	6-706-478-01	s	IC TC7SET08FU
IC914	8-759-669-66	s	IC TLC272CPWR-12
IC915	8-759-669-66	s	IC TLC272CPWR-12
IC916	8-759-592-42	s	IC TC7SZ00FU(TE85R)
IC917	8-759-592-42	s	IC TC7SZ00FU(TE85R)
IC918	8-759-592-42	s	IC TC7SZ00FU(TE85R)
IC2001	6-711-915-01	s	IC LM73CIMK-0
JC301	1-218-990-81	s	CONDUCTOR, CHIP (1005)
JC501	1-218-990-81	s	CONDUCTOR, CHIP (1005)
JC502	1-218-990-81	s	CONDUCTOR, CHIP (1005)
JC503	1-218-990-81	s	CONDUCTOR, CHIP (1005)
L101	1-457-372-21	s	COIL, CHOKE 1UH
L102	1-457-372-21	s	COIL, CHOKE 1UH
L103	1-457-372-21	s	COIL, CHOKE 1UH
L104	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L105	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L106	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L107	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L108	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L109	1-457-372-21	s	COIL, CHOKE 1UH
L110	1-457-372-21	s	COIL, CHOKE 1UH
L111	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L201	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L202	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L203	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L204	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L205	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L206	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L207	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L208	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L209	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L210	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L211	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L212	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L213	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L214	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L215	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L216	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L217	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L218	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L401	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
L402	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
L403	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
L404	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
L405	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
L406	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
L407	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
L408	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
L801	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L802	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L803	1-414-836-21	s	INDUCTOR, CHIP 4.7NH (1005)
L804	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L805	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L806	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L807	1-481-589-21	s	INDUCTOR, CHIP 10UH
L808	1-481-577-21	s	INDUCTOR, CHIP 1.0UH
L809	1-481-577-21	s	INDUCTOR, CHIP 1.0UH
L810	1-481-577-21	s	INDUCTOR, CHIP 1.0UH
L811	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L812	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L813	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L814	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L815	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L816	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L817	1-414-398-41	s	INDUCTOR (SMD) 10.0UH

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Ref. No. or Q'ty	Part No.	SP	Description
L818	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L901	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L902	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L903	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L904	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L905	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L906	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L907	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L908	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L909	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L910	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L911	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
LP1	4-369-317-01	s	PIN, COATING LEAD
Q101	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
Q102	6-550-632-01	s	TRANSISTOR 2SC4672-T100-Q
Q103	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q104	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
Q105	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
Q106	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q107	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q108	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q109	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q110	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q111	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q112	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
Q601	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q901	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q902	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q903	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q904	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q905	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q906	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q907	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q908	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q909	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q910	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q911	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
R41	1-218-977-81	s	RES, CHIP 100K
R42	1-220-878-81	s	RES, CHIP 22 (1005)
R52	1-208-903-81	s	RES, CHIP 4.7K (1005)
R54	1-208-911-81	s	RES, CHIP 10K (1005)
R56	1-208-903-81	s	RES, CHIP 4.7K (1005)
R57	1-208-911-81	s	RES, CHIP 10K (1005)
R58	1-208-883-81	s	RES, CHIP 680 (1005)
R59	1-208-911-81	s	RES, CHIP 10K (1005)
R60	1-208-935-81	s	RES, CHIP 100K (1005)
R61	1-208-935-81	s	RES, CHIP 100K (1005)
R62	1-208-935-81	s	RES, CHIP 100K (1005)
R63	1-208-911-81	s	RES, CHIP 10K (1005)
R64	1-208-915-81	s	RES, CHIP 15K (1005)
R65	1-208-911-81	s	RES, CHIP 10K (1005)
R66	1-218-945-81	s	RES, CHIP 220
R67	1-218-945-81	s	RES, CHIP 220
R68	1-208-943-81	s	RES, CHIP 220K (1005)
R69	1-208-943-81	s	RES, CHIP 220K (1005)
R70	1-208-943-81	s	RES, CHIP 220K (1005)
R71	1-243-975-81	s	RES, CHIP 4.7M (1005)
R72	1-243-975-81	s	RES, CHIP 4.7M (1005)
R73	1-243-975-81	s	RES, CHIP 4.7M (1005)
R74	1-243-975-81	s	RES, CHIP 4.7M (1005)
R75	1-243-975-81	s	RES, CHIP 4.7M (1005)
R76	1-243-975-81	s	RES, CHIP 4.7M (1005)
R77	1-208-919-81	s	RES, CHIP 22K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R78	1-208-887-81	s	RES, CHIP 1.0K (1005)
R79	1-208-915-81	s	RES, CHIP 15K (1005)
R80	1-208-923-81	s	RES, CHIP 33K (1005)
R81	1-208-923-81	s	RES, CHIP 33K (1005)
R82	1-208-899-81	s	RES, CHIP 3.3K (1005)
R83	1-208-923-81	s	RES, CHIP 33K (1005)
R84	1-208-903-81	s	RES, CHIP 4.7K (1005)
R85	1-208-931-81	s	RES, CHIP 68K (1005)
R86	1-208-931-81	s	RES, CHIP 68K (1005)
R87	1-218-973-81	s	RES, CHIP 47K
R88	1-218-941-81	s	RES, CHIP 100
R89	1-220-230-91	s	RES,SQUARE TYPE CHIP 2.2(3225)
R90	1-220-230-91	s	RES,SQUARE TYPE CHIP 2.2(3225)
R91	1-220-230-91	s	RES,SQUARE TYPE CHIP 2.2(3225)
R92	1-242-967-81	s	RES, CHIP 1.0 (1005)
R93	1-242-967-81	s	RES, CHIP 1.0 (1005)
R94	1-242-967-81	s	RES, CHIP 1.0 (1005)
R95	1-242-967-81	s	RES, CHIP 1.0 (1005)
R96	1-211-737-91	s	RES,SQUARE TYPE CHIP 0.47 3225
R97	1-211-737-91	s	RES,SQUARE TYPE CHIP 0.47 3225
R98	1-216-809-91	s	RES, CHIP 100 (1608)
R99	1-216-809-91	s	RES, CHIP 100 (1608)
R100	1-216-809-91	s	RES, CHIP 100 (1608)
R101	1-216-809-91	s	RES, CHIP 100 (1608)
R102	1-218-945-81	s	RES, CHIP 220
R103	1-218-945-81	s	RES, CHIP 220
R105	1-208-903-81	s	RES, CHIP 4.7K (1005)
R107	1-208-903-81	s	RES, CHIP 4.7K (1005)
R108	1-208-911-81	s	RES, CHIP 10K (1005)
R109	1-208-911-81	s	RES, CHIP 10K (1005)
R110	1-208-935-81	s	RES, CHIP 100K (1005)
R111	1-208-911-81	s	RES, CHIP 10K (1005)
R112	1-208-935-81	s	RES, CHIP 100K (1005)
R113	1-208-911-81	s	RES, CHIP 10K (1005)
R114	1-208-943-81	s	RES, CHIP 220K (1005)
R115	1-208-943-81	s	RES, CHIP 220K (1005)
R116	1-208-919-81	s	RES, CHIP 22K (1005)
R117	1-208-919-81	s	RES, CHIP 22K (1005)
R118	1-243-975-81	s	RES, CHIP 4.7M (1005)
R119	1-208-919-81	s	RES, CHIP 22K (1005)
R120	1-208-919-81	s	RES, CHIP 22K (1005)
R121	1-208-887-81	s	RES, CHIP 1.0K (1005)
R122	1-243-975-81	s	RES, CHIP 4.7M (1005)
R123	1-243-975-81	s	RES, CHIP 4.7M (1005)
R124	1-243-975-81	s	RES, CHIP 4.7M (1005)
R125	1-208-919-81	s	RES, CHIP 22K (1005)
R126	1-208-919-81	s	RES, CHIP 22K (1005)
R127	1-208-915-81	s	RES, CHIP 15K (1005)
R128	1-208-907-81	s	RES, CHIP 6.8K (1005)
R129	1-208-919-81	s	RES, CHIP 22K (1005)
R130	1-208-911-81	s	RES, CHIP 10K (1005)
R131	1-208-903-81	s	RES, CHIP 4.7K (1005)
R132	1-208-879-81	s	RES, CHIP 470 (1005)
R133	1-208-879-81	s	RES, CHIP 470 (1005)
R134	1-218-973-81	s	RES, CHIP 47K
R135	1-208-931-81	s	RES, CHIP 68K (1005)
R136	1-220-230-91	s	RES,SQUARE TYPE CHIP 2.2(3225)
R137	1-220-230-91	s	RES,SQUARE TYPE CHIP 2.2(3225)
R138	1-208-903-81	s	RES, CHIP 4.7K (1005)
R139	1-208-903-81	s	RES, CHIP 4.7K (1005)
R140	1-208-911-81	s	RES, CHIP 10K (1005)
R141	1-208-879-81	s	RES, CHIP 470 (1005)
R142	1-208-911-81	s	RES, CHIP 10K (1005)
R143	1-208-919-81	s	RES, CHIP 22K (1005)
R144	1-208-863-81	s	RES, CHIP 100 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R145	1-208-895-81	s	RES, CHIP 2.2K (1005)
R146	1-208-911-81	s	RES, CHIP 10K (1005)
R147	1-208-863-81	s	RES, CHIP 100 (1005)
R148	1-220-870-81	s	RES, CHIP 10 (1005)
R149	1-208-895-81	s	RES, CHIP 2.2K (1005)
R150	1-208-887-81	s	RES, CHIP 1.0K (1005)
R151	1-220-878-81	s	RES, CHIP 22 (1005)
R152	1-220-878-81	s	RES, CHIP 22 (1005)
R153	1-220-878-81	s	RES, CHIP 22 (1005)
R154	1-220-878-81	s	RES, CHIP 22 (1005)
R155	1-220-878-81	s	RES, CHIP 22 (1005)
R156	1-220-878-81	s	RES, CHIP 22 (1005)
R157	1-220-878-81	s	RES, CHIP 22 (1005)
R158	1-218-977-81	s	RES, CHIP 100K
R159	1-218-977-81	s	RES, CHIP 100K
R160	1-218-977-81	s	RES, CHIP 100K
R161	1-218-937-81	s	RES, CHIP 47
R162	1-220-878-81	s	RES, CHIP 22 (1005)
R163	1-220-878-81	s	RES, CHIP 22 (1005)
R164	1-220-878-81	s	RES, CHIP 22 (1005)
R165	1-220-878-81	s	RES, CHIP 22 (1005)
R166	1-220-878-81	s	RES, CHIP 22 (1005)
R167	1-220-878-81	s	RES, CHIP 22 (1005)
R168	1-218-941-81	s	RES, CHIP 100
R169	1-218-973-81	s	RES, CHIP 47K
R170	1-218-937-81	s	RES, CHIP 47
R171	1-218-937-81	s	RES, CHIP 47
R172	1-218-937-81	s	RES, CHIP 47
R173	1-218-937-81	s	RES, CHIP 47
R174	1-218-937-81	s	RES, CHIP 47
R175	1-218-941-81	s	RES, CHIP 100
R176	1-218-941-81	s	RES, CHIP 100
R177	1-218-933-81	s	RES, CHIP 22
R178	1-218-933-81	s	RES, CHIP 22
R179	1-218-933-81	s	RES, CHIP 22
R180	1-218-933-81	s	RES, CHIP 22
R181	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R182	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R185	1-218-945-81	s	RES, CHIP 220
R186	1-208-927-81	s	RES, CHIP 47K (1005)
R187	1-208-911-81	s	RES, CHIP 10K (1005)
R188	1-208-919-81	s	RES, CHIP 22K (1005)
R189	1-208-887-81	s	RES, CHIP 1.0K (1005)
R190	1-208-919-81	s	RES, CHIP 22K (1005)
R191	1-208-919-81	s	RES, CHIP 22K (1005)
R192	1-218-941-81	s	RES, CHIP 100
R197	1-218-973-81	s	RES, CHIP 47K
R198	1-218-977-81	s	RES, CHIP 100K
R199	1-218-937-81	s	RES, CHIP 47
R205	1-208-883-81	s	RES, CHIP 680 (1005)
R206	1-208-883-81	s	RES, CHIP 680 (1005)
R207	1-208-883-81	s	RES, CHIP 680 (1005)
R208	1-208-883-81	s	RES, CHIP 680 (1005)
R209	1-218-965-81	s	RES, CHIP 10K 1005
R210	1-218-969-81	s	RES, CHIP 22K
R211	1-218-965-81	s	RES, CHIP 10K 1005
R212	1-218-969-81	s	RES, CHIP 22K
R213	1-218-965-81	s	RES, CHIP 10K 1005
R214	1-218-969-81	s	RES, CHIP 22K
R215	1-218-965-81	s	RES, CHIP 10K 1005
R216	1-218-969-81	s	RES, CHIP 22K
R217	1-218-973-81	s	RES, CHIP 47K
R218	1-208-905-81	s	RES, CHIP 5.6K (1005)
R219	1-218-973-81	s	RES, CHIP 47K
R220	1-208-905-81	s	RES, CHIP 5.6K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R221	1-218-973-81	s	RES, CHIP 47K
R222	1-208-905-81	s	RES, CHIP 5.6K (1005)
R223	1-218-973-81	s	RES, CHIP 47K
R224	1-208-905-81	s	RES, CHIP 5.6K (1005)
R225	1-208-883-81	s	RES, CHIP 680 (1005)
R226	1-218-937-81	s	RES, CHIP 47
R227	1-208-883-81	s	RES, CHIP 680 (1005)
R228	1-218-937-81	s	RES, CHIP 47
R229	1-208-883-81	s	RES, CHIP 680 (1005)
R230	1-218-937-81	s	RES, CHIP 47
R231	1-208-883-81	s	RES, CHIP 680 (1005)
R232	1-218-937-81	s	RES, CHIP 47
R233	1-208-895-81	s	RES, CHIP 2.2K (1005)
R234	1-208-895-81	s	RES, CHIP 2.2K (1005)
R235	1-208-895-81	s	RES, CHIP 2.2K (1005)
R236	1-208-895-81	s	RES, CHIP 2.2K (1005)
R237	1-208-885-81	s	RES, CHIP 820 (1005)
R238	1-218-977-81	s	RES, CHIP 100K
R239	1-208-885-81	s	RES, CHIP 820 (1005)
R240	1-218-977-81	s	RES, CHIP 100K
R241	1-208-885-81	s	RES, CHIP 820 (1005)
R242	1-218-977-81	s	RES, CHIP 100K
R243	1-208-885-81	s	RES, CHIP 820 (1005)
R244	1-218-977-81	s	RES, CHIP 100K
R245	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R246	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R247	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R248	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R249	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R250	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R251	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R252	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R265	1-208-883-81	s	RES, CHIP 680 (1005)
R266	1-208-883-81	s	RES, CHIP 680 (1005)
R267	1-208-883-81	s	RES, CHIP 680 (1005)
R268	1-208-883-81	s	RES, CHIP 680 (1005)
R269	1-208-883-81	s	RES, CHIP 680 (1005)
R270	1-208-883-81	s	RES, CHIP 680 (1005)
R271	1-208-883-81	s	RES, CHIP 680 (1005)
R272	1-208-883-81	s	RES, CHIP 680 (1005)
R273	1-208-871-81	s	RES, CHIP 220 (1005)
R274	1-208-871-81	s	RES, CHIP 220 (1005)
R275	1-208-871-81	s	RES, CHIP 220 (1005)
R276	1-208-871-81	s	RES, CHIP 220 (1005)
R277	1-208-871-81	s	RES, CHIP 220 (1005)
R278	1-208-871-81	s	RES, CHIP 220 (1005)
R279	1-208-871-81	s	RES, CHIP 220 (1005)
R280	1-208-871-81	s	RES, CHIP 220 (1005)
R281	1-218-953-81	s	RES, CHIP 1.0K
R282	1-218-953-81	s	RES, CHIP 1.0K
R283	1-218-953-81	s	RES, CHIP 1.0K
R284	1-218-953-81	s	RES, CHIP 1.0K
R285	1-216-803-91	s	RES, CHIP 33 (1608)
R286	1-216-803-91	s	RES, CHIP 33 (1608)
R287	1-216-803-91	s	RES, CHIP 33 (1608)
R288	1-216-803-91	s	RES, CHIP 33 (1608)
R289	1-216-803-91	s	RES, CHIP 33 (1608)
R290	1-216-803-91	s	RES, CHIP 33 (1608)
R291	1-216-803-91	s	RES, CHIP 33 (1608)
R292	1-216-803-91	s	RES, CHIP 33 (1608)
R294	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R296	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R297	1-218-941-81	s	RES, CHIP 100
R298	1-218-941-81	s	RES, CHIP 100
R299	1-218-941-81	s	RES, CHIP 100

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Ref. No. or Q'ty	Part No.	SP	Description
R300	1-218-941-81	s	RES, CHIP 100
R301	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R302	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R309	1-218-941-81	s	RES, CHIP 100
R310	1-218-941-81	s	RES, CHIP 100
R311	1-218-941-81	s	RES, CHIP 100
R312	1-218-941-81	s	RES, CHIP 100
R313	1-218-961-81	s	RES, CHIP 4.7K
R314	1-218-961-81	s	RES, CHIP 4.7K
R315	1-218-941-81	s	RES, CHIP 100
R316	1-218-941-81	s	RES, CHIP 100
R321	1-218-941-81	s	RES, CHIP 100
R322	1-218-941-81	s	RES, CHIP 100
R325	1-208-883-81	s	RES, CHIP 680 (1005)
R326	1-208-883-81	s	RES, CHIP 680 (1005)
R327	1-218-965-81	s	RES, CHIP 10K 1005
R328	1-218-969-81	s	RES, CHIP 22K
R329	1-218-965-81	s	RES, CHIP 10K 1005
R330	1-218-969-81	s	RES, CHIP 22K
R331	1-218-941-81	s	RES, CHIP 100
R332	1-218-941-81	s	RES, CHIP 100
R333	1-218-973-81	s	RES, CHIP 47K
R334	1-208-905-81	s	RES, CHIP 5.6K (1005)
R335	1-218-973-81	s	RES, CHIP 47K
R336	1-208-905-81	s	RES, CHIP 5.6K (1005)
R337	1-208-883-81	s	RES, CHIP 680 (1005)
R338	1-218-937-81	s	RES, CHIP 47
R339	1-208-883-81	s	RES, CHIP 680 (1005)
R340	1-218-937-81	s	RES, CHIP 47
R341	1-208-895-81	s	RES, CHIP 2.2K (1005)
R342	1-208-895-81	s	RES, CHIP 2.2K (1005)
R343	1-208-885-81	s	RES, CHIP 820 (1005)
R344	1-218-977-81	s	RES, CHIP 100K
R345	1-208-885-81	s	RES, CHIP 820 (1005)
R346	1-218-977-81	s	RES, CHIP 100K
R347	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R348	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R349	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R350	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R351	1-218-965-81	s	RES, CHIP 10K 1005
R352	1-218-965-81	s	RES, CHIP 10K 1005
R353	1-218-965-81	s	RES, CHIP 10K 1005
R354	1-218-965-81	s	RES, CHIP 10K 1005
R355	1-218-965-81	s	RES, CHIP 10K 1005
R356	1-218-965-81	s	RES, CHIP 10K 1005
R357	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R358	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R361	1-218-941-81	s	RES, CHIP 100
R362	1-218-941-81	s	RES, CHIP 100
R363	1-218-941-81	s	RES, CHIP 100
R364	1-218-941-81	s	RES, CHIP 100
R369	1-208-883-81	s	RES, CHIP 680 (1005)
R370	1-208-883-81	s	RES, CHIP 680 (1005)
R371	1-208-883-81	s	RES, CHIP 680 (1005)
R372	1-208-883-81	s	RES, CHIP 680 (1005)
R373	1-208-871-81	s	RES, CHIP 220 (1005)
R374	1-208-871-81	s	RES, CHIP 220 (1005)
R375	1-208-871-81	s	RES, CHIP 220 (1005)
R376	1-208-871-81	s	RES, CHIP 220 (1005)
R377	1-218-953-81	s	RES, CHIP 1.0K
R378	1-218-953-81	s	RES, CHIP 1.0K
R379	1-216-803-91	s	RES, CHIP 33 (1608)
R380	1-216-803-91	s	RES, CHIP 33 (1608)
R381	1-216-803-91	s	RES, CHIP 33 (1608)
R382	1-216-803-91	s	RES, CHIP 33 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R383	1-218-941-81	s	RES, CHIP 100
R384	1-218-941-81	s	RES, CHIP 100
R386	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R387	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R388	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R389	1-218-965-81	s	RES, CHIP 10K 1005
R390	1-218-965-81	s	RES, CHIP 10K 1005
R391	1-218-941-81	s	RES, CHIP 100
R392	1-218-941-81	s	RES, CHIP 100
R393	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R397	1-218-965-81	s	RES, CHIP 10K 1005
R398	1-218-965-81	s	RES, CHIP 10K 1005
R399	1-218-965-81	s	RES, CHIP 10K 1005
R400	1-218-965-81	s	RES, CHIP 10K 1005
R401	1-218-941-81	s	RES, CHIP 100
R402	1-218-941-81	s	RES, CHIP 100
R403	1-218-941-81	s	RES, CHIP 100
R404	1-218-941-81	s	RES, CHIP 100
R405	1-218-941-81	s	RES, CHIP 100
R406	1-218-941-81	s	RES, CHIP 100
R407	1-218-961-81	s	RES, CHIP 4.7K
R408	1-218-941-81	s	RES, CHIP 100
R411	1-218-941-81	s	RES, CHIP 100
R412	1-218-941-81	s	RES, CHIP 100
R413	1-218-941-81	s	RES, CHIP 100
R414	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R415	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R416	1-218-965-81	s	RES, CHIP 10K 1005
R417	1-218-965-81	s	RES, CHIP 10K 1005
R418	1-218-965-81	s	RES, CHIP 10K 1005
R419	1-218-965-81	s	RES, CHIP 10K 1005
R420	1-218-965-81	s	RES, CHIP 10K 1005
R421	1-218-965-81	s	RES, CHIP 10K 1005
R422	1-218-941-81	s	RES, CHIP 100
R423	1-218-941-81	s	RES, CHIP 100
R424	1-218-941-81	s	RES, CHIP 100
R425	1-218-941-81	s	RES, CHIP 100
R426	1-218-933-81	s	RES, CHIP 22
R427	1-218-933-81	s	RES, CHIP 22
R428	1-218-933-81	s	RES, CHIP 22
R429	1-218-933-81	s	RES, CHIP 22
R430	1-208-911-81	s	RES, CHIP 10K (1005)
R431	1-208-863-81	s	RES, CHIP 100 (1005)
R432	1-208-863-81	s	RES, CHIP 100 (1005)
R433	1-208-863-81	s	RES, CHIP 100 (1005)
R434	1-208-863-81	s	RES, CHIP 100 (1005)
R435	1-208-863-81	s	RES, CHIP 100 (1005)
R436	1-208-863-81	s	RES, CHIP 100 (1005)
R437	1-208-863-81	s	RES, CHIP 100 (1005)
R438	1-208-863-81	s	RES, CHIP 100 (1005)
R439	1-208-863-81	s	RES, CHIP 100 (1005)
R440	1-208-863-81	s	RES, CHIP 100 (1005)
R441	1-208-863-81	s	RES, CHIP 100 (1005)
R442	1-208-863-81	s	RES, CHIP 100 (1005)
R443	1-208-863-81	s	RES, CHIP 100 (1005)
R444	1-208-863-81	s	RES, CHIP 100 (1005)
R445	1-208-863-81	s	RES, CHIP 100 (1005)
R446	1-208-863-81	s	RES, CHIP 100 (1005)
R447	1-208-863-81	s	RES, CHIP 100 (1005)
R448	1-208-863-81	s	RES, CHIP 100 (1005)
R449	1-208-927-81	s	RES, CHIP 47K (1005)
R450	1-208-855-81	s	RES, CHIP 47 (1005)
R451	1-208-855-81	s	RES, CHIP 47 (1005)
R452	1-208-863-81	s	RES, CHIP 100 (1005)
R453	1-208-887-81	s	RES, CHIP 1.0K (1005)

Ref. No. or Q'ty	Part No.	SP	Description
R454	1-220-878-81	s	RES, CHIP 22 (1005)
R455	1-220-878-81	s	RES, CHIP 22 (1005)
R456	1-220-878-81	s	RES, CHIP 22 (1005)
R457	1-220-878-81	s	RES, CHIP 22 (1005)
R458	1-220-878-81	s	RES, CHIP 22 (1005)
R459	1-220-878-81	s	RES, CHIP 22 (1005)
R460	1-220-878-81	s	RES, CHIP 22 (1005)
R461	1-220-878-81	s	RES, CHIP 22 (1005)
R462	1-220-878-81	s	RES, CHIP 22 (1005)
R463	1-220-878-81	s	RES, CHIP 22 (1005)
R464	1-208-887-81	s	RES, CHIP 1.0K (1005)
R465	1-208-863-81	s	RES, CHIP 100 (1005)
R466	1-208-863-81	s	RES, CHIP 100 (1005)
R467	1-208-863-81	s	RES, CHIP 100 (1005)
R468	1-208-863-81	s	RES, CHIP 100 (1005)
R469	1-208-887-81	s	RES, CHIP 1.0K (1005)
R470	1-220-878-81	s	RES, CHIP 22 (1005)
R471	1-208-855-81	s	RES, CHIP 47 (1005)
R472	1-208-911-81	s	RES, CHIP 10K (1005)
R473	1-208-903-81	s	RES, CHIP 4.7K (1005)
R475	1-208-927-81	s	RES, CHIP 47K (1005)
R478	1-208-927-81	s	RES, CHIP 47K (1005)
R479	1-208-927-81	s	RES, CHIP 47K (1005)
R480	1-208-927-81	s	RES, CHIP 47K (1005)
R481	1-208-855-81	s	RES, CHIP 47 (1005)
R482	1-208-871-81	s	RES, CHIP 220 (1005)
R483	1-208-855-81	s	RES, CHIP 47 (1005)
R484	1-208-871-81	s	RES, CHIP 220 (1005)
R485	1-208-855-81	s	RES, CHIP 47 (1005)
R486	1-208-871-81	s	RES, CHIP 220 (1005)
R487	1-220-878-81	s	RES, CHIP 22 (1005)
R488	1-208-871-81	s	RES, CHIP 220 (1005)
R489	1-208-863-81	s	RES, CHIP 100 (1005)
R490	1-220-878-81	s	RES, CHIP 22 (1005)
R491	1-220-878-81	s	RES, CHIP 22 (1005)
R492	1-220-878-81	s	RES, CHIP 22 (1005)
R493	1-208-871-81	s	RES, CHIP 220 (1005)
R501	1-208-863-81	s	RES, CHIP 100 (1005)
R502	1-208-863-81	s	RES, CHIP 100 (1005)
R503	1-208-863-81	s	RES, CHIP 100 (1005)
R504	1-208-863-81	s	RES, CHIP 100 (1005)
R505	1-208-863-81	s	RES, CHIP 100 (1005)
R506	1-208-863-81	s	RES, CHIP 100 (1005)
R507	1-208-863-81	s	RES, CHIP 100 (1005)
R508	1-208-863-81	s	RES, CHIP 100 (1005)
R509	1-208-863-81	s	RES, CHIP 100 (1005)
R510	1-208-863-81	s	RES, CHIP 100 (1005)
R511	1-208-863-81	s	RES, CHIP 100 (1005)
R512	1-208-863-81	s	RES, CHIP 100 (1005)
R513	1-208-911-81	s	RES, CHIP 10K (1005)
R515	1-208-911-81	s	RES, CHIP 10K (1005)
R517	1-208-911-81	s	RES, CHIP 10K (1005)
R518	1-208-911-81	s	RES, CHIP 10K (1005)
R519	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R520	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R521	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R522	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R523	1-218-937-81	s	RES, CHIP 47
R524	1-218-937-81	s	RES, CHIP 47
R525	1-218-937-81	s	RES, CHIP 47
R526	1-218-937-81	s	RES, CHIP 47
R527	1-218-937-81	s	RES, CHIP 47
R528	1-218-937-81	s	RES, CHIP 47
R530	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R531	1-218-990-81	s	CONDUCTOR, CHIP (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R532	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R533	1-208-863-81	s	RES, CHIP 100 (1005)
R534	1-208-863-81	s	RES, CHIP 100 (1005)
R535	1-208-863-81	s	RES, CHIP 100 (1005)
R536	1-208-863-81	s	RES, CHIP 100 (1005)
R537	1-208-863-81	s	RES, CHIP 100 (1005)
R538	1-208-863-81	s	RES, CHIP 100 (1005)
R542	1-208-863-81	s	RES, CHIP 100 (1005)
R544	1-208-863-81	s	RES, CHIP 100 (1005)
R545	1-208-911-81	s	RES, CHIP 10K (1005)
R547	1-208-911-81	s	RES, CHIP 10K (1005)
R549	1-208-911-81	s	RES, CHIP 10K (1005)
R550	1-208-911-81	s	RES, CHIP 10K (1005)
R551	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R552	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R553	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R554	1-218-937-81	s	RES, CHIP 47
R555	1-218-937-81	s	RES, CHIP 47
R556	1-218-937-81	s	RES, CHIP 47
R557	1-218-937-81	s	RES, CHIP 47
R558	1-220-878-81	s	RES, CHIP 22 (1005)
R559	1-220-878-81	s	RES, CHIP 22 (1005)
R560	1-220-878-81	s	RES, CHIP 22 (1005)
R561	1-220-878-81	s	RES, CHIP 22 (1005)
R562	1-220-878-81	s	RES, CHIP 22 (1005)
R563	1-220-878-81	s	RES, CHIP 22 (1005)
R564	1-220-878-81	s	RES, CHIP 22 (1005)
R565	1-220-878-81	s	RES, CHIP 22 (1005)
R566	1-220-878-81	s	RES, CHIP 22 (1005)
R567	1-220-878-81	s	RES, CHIP 22 (1005)
R568	1-220-878-81	s	RES, CHIP 22 (1005)
R569	1-220-878-81	s	RES, CHIP 22 (1005)
R570	1-220-878-81	s	RES, CHIP 22 (1005)
R571	1-220-878-81	s	RES, CHIP 22 (1005)
R572	1-220-878-81	s	RES, CHIP 22 (1005)
R573	1-220-878-81	s	RES, CHIP 22 (1005)
R574	1-220-878-81	s	RES, CHIP 22 (1005)
R575	1-208-863-81	s	RES, CHIP 100 (1005)
R576	1-208-863-81	s	RES, CHIP 100 (1005)
R577	1-220-878-81	s	RES, CHIP 22 (1005)
R601	1-208-863-81	s	RES, CHIP 100 (1005)
R602	1-208-863-81	s	RES, CHIP 100 (1005)
R603	1-220-878-81	s	RES, CHIP 22 (1005)
R604	1-220-878-81	s	RES, CHIP 22 (1005)
R605	1-220-878-81	s	RES, CHIP 22 (1005)
R606	1-220-878-81	s	RES, CHIP 22 (1005)
R607	1-220-878-81	s	RES, CHIP 22 (1005)
R608	1-208-863-81	s	RES, CHIP 100 (1005)
R610	1-208-863-81	s	RES, CHIP 100 (1005)
R611	1-208-863-81	s	RES, CHIP 100 (1005)
R612	1-220-878-81	s	RES, CHIP 22 (1005)
R613	1-220-878-81	s	RES, CHIP 22 (1005)
R614	1-208-887-81	s	RES, CHIP 1.0K (1005)
R615	1-208-895-81	s	RES, CHIP 2.2K (1005)
R616	1-208-895-81	s	RES, CHIP 2.2K (1005)
R617	1-208-875-81	s	RES, CHIP 330 (1005)
R618	1-208-863-81	s	RES, CHIP 100 (1005)
R619	1-208-911-81	s	RES, CHIP 10K (1005)
R620	1-208-911-81	s	RES, CHIP 10K (1005)
R621	1-208-871-81	s	RES, CHIP 220 (1005)
R622	1-220-878-81	s	RES, CHIP 22 (1005)
R623	1-208-911-81	s	RES, CHIP 10K (1005)
R624	1-208-863-81	s	RES, CHIP 100 (1005)
R625	1-208-863-81	s	RES, CHIP 100 (1005)
R626	1-208-871-81	s	RES, CHIP 220 (1005)

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R627	1-220-878-81	s	RES, CHIP 22 (1005)
R628	1-208-871-81	s	RES, CHIP 220 (1005)
R629	1-220-878-81	s	RES, CHIP 22 (1005)
R630	1-208-911-81	s	RES, CHIP 10K (1005)
R651	1-220-878-81	s	RES, CHIP 22 (1005)
R652	1-220-878-81	s	RES, CHIP 22 (1005)
R653	1-220-878-81	s	RES, CHIP 22 (1005)
R654	1-220-878-81	s	RES, CHIP 22 (1005)
R655	1-220-878-81	s	RES, CHIP 22 (1005)
R656	1-208-863-81	s	RES, CHIP 100 (1005)
R657	1-208-863-81	s	RES, CHIP 100 (1005)
R658	1-220-878-81	s	RES, CHIP 22 (1005)
R659	1-220-878-81	s	RES, CHIP 22 (1005)
R660	1-208-887-81	s	RES, CHIP 1.0K (1005)
R661	1-208-895-81	s	RES, CHIP 2.2K (1005)
R662	1-208-895-81	s	RES, CHIP 2.2K (1005)
R663	1-208-875-81	s	RES, CHIP 330 (1005)
R664	1-208-863-81	s	RES, CHIP 100 (1005)
R665	1-208-863-81	s	RES, CHIP 100 (1005)
R666	1-220-878-81	s	RES, CHIP 22 (1005)
R667	1-208-863-81	s	RES, CHIP 100 (1005)
R668	1-208-863-81	s	RES, CHIP 100 (1005)
R669	1-208-863-81	s	RES, CHIP 100 (1005)
R670	1-218-933-81	s	RES, CHIP 22
R671	1-218-933-81	s	RES, CHIP 22
R672	1-218-941-81	s	RES, CHIP 100
R673	1-218-933-81	s	RES, CHIP 22
R674	1-208-903-81	s	RES, CHIP 4.7K (1005)
R675	1-220-870-81	s	RES, CHIP 10 (1005)
R676	1-220-870-81	s	RES, CHIP 10 (1005)
R677	1-220-870-81	s	RES, CHIP 10 (1005)
R678	1-220-870-81	s	RES, CHIP 10 (1005)
R680	1-220-870-81	s	RES, CHIP 10 (1005)
R681	1-220-870-81	s	RES, CHIP 10 (1005)
R686	1-220-870-81	s	RES, CHIP 10 (1005)
R687	1-208-871-81	s	RES, CHIP 220 (1005)
R688	1-208-863-81	s	RES, CHIP 100 (1005)
R689	1-208-863-81	s	RES, CHIP 100 (1005)
R694	1-208-911-81	s	RES, CHIP 10K (1005)
R701	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R702	1-208-911-81	s	RES, CHIP 10K (1005)
R703	1-208-863-81	s	RES, CHIP 100 (1005)
R704	1-208-863-81	s	RES, CHIP 100 (1005)
R705	1-208-879-81	s	RES, CHIP 470 (1005)
R706	1-208-895-81	s	RES, CHIP 2.2K (1005)
R707	1-208-911-81	s	RES, CHIP 10K (1005)
R708	1-208-935-81	s	RES, CHIP 100K (1005)
R709	1-208-863-81	s	RES, CHIP 100 (1005)
R710	1-208-863-81	s	RES, CHIP 100 (1005)
R711	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R712	1-211-899-91	s	RES,SQUARE TYPE CHIP 0.22 3225
R713	1-211-899-91	s	RES,SQUARE TYPE CHIP 0.22 3225
R715	1-218-933-81	s	RES, CHIP 22
R716	1-218-933-81	s	RES, CHIP 22
R717	1-218-933-81	s	RES, CHIP 22
R718	1-218-933-81	s	RES, CHIP 22
R719	1-211-899-91	s	RES,SQUARE TYPE CHIP 0.22 3225
R720	1-211-899-91	s	RES,SQUARE TYPE CHIP 0.22 3225
R751	1-208-855-81	s	RES, CHIP 47 (1005)
R752	1-208-887-81	s	RES, CHIP 1.0K (1005)
R753	1-208-867-81	s	RES, CHIP 150 (1005)
R754	1-220-870-81	s	RES, CHIP 10 (1005)
R755	1-208-863-81	s	RES, CHIP 100 (1005)
R757	1-208-887-81	s	RES, CHIP 1.0K (1005)
R758	1-208-887-81	s	RES, CHIP 1.0K (1005)

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R759	1-208-863-81	s	RES, CHIP 100 (1005)
R760	1-208-863-81	s	RES, CHIP 100 (1005)
R761	1-208-863-81	s	RES, CHIP 100 (1005)
R762	1-208-863-81	s	RES, CHIP 100 (1005)
R763	1-208-887-81	s	RES, CHIP 1.0K (1005)
R764	1-208-887-81	s	RES, CHIP 1.0K (1005)
R765	1-208-883-81	s	RES, CHIP 680 (1005)
R766	1-208-863-81	s	RES, CHIP 100 (1005)
R767	1-208-887-81	s	RES, CHIP 1.0K (1005)
R768	1-208-911-81	s	RES, CHIP 10K (1005)
R769	1-208-887-81	s	RES, CHIP 1.0K (1005)
R771	1-208-863-81	s	RES, CHIP 100 (1005)
R773	1-208-887-81	s	RES, CHIP 1.0K (1005)
R774	1-208-887-81	s	RES, CHIP 1.0K (1005)
R775	1-208-863-81	s	RES, CHIP 100 (1005)
R776	1-208-887-81	s	RES, CHIP 1.0K (1005)
R777	1-208-887-81	s	RES, CHIP 1.0K (1005)
R778	1-208-859-81	s	RES, CHIP 68 (1005)
R779	1-208-863-81	s	RES, CHIP 100 (1005)
R780	1-208-887-81	s	RES, CHIP 1.0K (1005)
R781	1-208-887-81	s	RES, CHIP 1.0K (1005)
R782	1-208-887-81	s	RES, CHIP 1.0K (1005)
R783	1-208-887-81	s	RES, CHIP 1.0K (1005)
R784	1-208-856-81	s	RES, CHIP 51 (1005)
R785	1-208-856-81	s	RES, CHIP 51 (1005)
R786	1-208-863-81	s	RES, CHIP 100 (1005)
R787	1-208-863-81	s	RES, CHIP 100 (1005)
R788	1-208-856-81	s	RES, CHIP 51 (1005)
R789	1-208-856-81	s	RES, CHIP 51 (1005)
R790	1-208-855-81	s	RES, CHIP 47 (1005)
R791	1-208-883-81	s	RES, CHIP 680 (1005)
R792	1-208-887-81	s	RES, CHIP 1.0K (1005)
R793	1-208-935-81	s	RES, CHIP 100K (1005)
R794	1-208-860-81	s	RES, CHIP 75 (1005)
R795	1-208-860-81	s	RES, CHIP 75 (1005)
R796	1-208-860-81	s	RES, CHIP 75 (1005)
R797	1-208-863-81	s	RES, CHIP 100 (1005)
R798	1-208-863-81	s	RES, CHIP 100 (1005)
R799	1-208-863-81	s	RES, CHIP 100 (1005)
R800	1-208-903-81	s	RES, CHIP 4.7K (1005)
R801	1-208-903-81	s	RES, CHIP 4.7K (1005)
R802	1-208-855-81	s	RES, CHIP 47 (1005)
R803	1-208-935-81	s	RES, CHIP 100K (1005)
R804	1-208-855-81	s	RES, CHIP 47 (1005)
R806	1-208-855-81	s	RES, CHIP 47 (1005)
R807	1-208-895-81	s	RES, CHIP 2.2K (1005)
R808	1-208-895-81	s	RES, CHIP 2.2K (1005)
R809	1-208-903-81	s	RES, CHIP 4.7K (1005)
R810	1-208-887-81	s	RES, CHIP 1.0K (1005)
R811	1-208-887-81	s	RES, CHIP 1.0K (1005)
R812	1-208-903-81	s	RES, CHIP 4.7K (1005)
R813	1-208-883-81	s	RES, CHIP 680 (1005)
R814	1-208-883-81	s	RES, CHIP 680 (1005)
R815	1-208-879-81	s	RES, CHIP 470 (1005)
R816	1-208-879-81	s	RES, CHIP 470 (1005)
R817	1-208-879-81	s	RES, CHIP 470 (1005)
R818	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R819	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R820	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R821	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R822	1-208-859-81	s	RES, CHIP 68 (1005)
R823	1-208-855-81	s	RES, CHIP 47 (1005)
R824	1-208-855-81	s	RES, CHIP 47 (1005)
R825	1-208-863-81	s	RES, CHIP 100 (1005)
R826	1-208-879-81	s	RES, CHIP 470 (1005)

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R827	1-218-929-81	s	RES, CHIP 10
R828	1-208-883-81	s	RES, CHIP 680 (1005)
R829	1-208-863-81	s	RES, CHIP 100 (1005)
R830	1-208-883-81	s	RES, CHIP 680 (1005)
R831	1-208-863-81	s	RES, CHIP 100 (1005)
R832	1-208-883-81	s	RES, CHIP 680 (1005)
R833	1-208-855-81	s	RES, CHIP 47 (1005)
R834	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R835	1-208-911-81	s	RES, CHIP 10K (1005)
R836	1-208-887-81	s	RES, CHIP 1.0K (1005)
R837	1-208-879-81	s	RES, CHIP 470 (1005)
R838	1-208-903-81	s	RES, CHIP 4.7K (1005)
R839	1-208-891-81	s	RES, CHIP 1.5K (1005)
R840	1-208-879-81	s	RES, CHIP 470 (1005)
R841	1-208-903-81	s	RES, CHIP 4.7K (1005)
R842	1-208-891-81	s	RES, CHIP 1.5K (1005)
R843	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R844	1-208-911-81	s	RES, CHIP 10K (1005)
R845	1-208-887-81	s	RES, CHIP 1.0K (1005)
R846	1-208-883-81	s	RES, CHIP 680 (1005)
R847	1-208-883-81	s	RES, CHIP 680 (1005)
R848	1-208-883-81	s	RES, CHIP 680 (1005)
R849	1-208-883-81	s	RES, CHIP 680 (1005)
R850	1-208-883-81	s	RES, CHIP 680 (1005)
R851	1-208-883-81	s	RES, CHIP 680 (1005)
R852	1-208-883-81	s	RES, CHIP 680 (1005)
R853	1-208-883-81	s	RES, CHIP 680 (1005)
R854	1-208-883-81	s	RES, CHIP 680 (1005)
R855	1-208-883-81	s	RES, CHIP 680 (1005)
R856	1-208-871-81	s	RES, CHIP 220 (1005)
R857	1-208-883-81	s	RES, CHIP 680 (1005)
R858	1-208-871-81	s	RES, CHIP 220 (1005)
R859	1-208-871-81	s	RES, CHIP 220 (1005)
R860	1-208-871-81	s	RES, CHIP 220 (1005)
R861	1-208-871-81	s	RES, CHIP 220 (1005)
R862	1-208-871-81	s	RES, CHIP 220 (1005)
R863	1-208-871-81	s	RES, CHIP 220 (1005)
R864	1-208-871-81	s	RES, CHIP 220 (1005)
R865	1-208-871-81	s	RES, CHIP 220 (1005)
R866	1-208-911-81	s	RES, CHIP 10K (1005)
R867	1-208-871-81	s	RES, CHIP 220 (1005)
R901	1-218-965-81	s	RES, CHIP 10K 1005
R902	1-218-957-81	s	RES, CHIP 2.2K
R903	1-218-957-81	s	RES, CHIP 2.2K
R904	1-208-911-81	s	RES, CHIP 10K (1005)
R905	1-218-957-81	s	RES, CHIP 2.2K
R907	1-218-973-81	s	RES, CHIP 47K
R908	1-218-957-81	s	RES, CHIP 2.2K
R909	1-218-973-81	s	RES, CHIP 47K
R910	1-218-957-81	s	RES, CHIP 2.2K
R911	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R912	1-218-973-81	s	RES, CHIP 47K
R913	1-218-973-81	s	RES, CHIP 47K
R914	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R915	1-208-879-81	s	RES, CHIP 470 (1005)
R916	1-218-977-81	s	RES, CHIP 100K
R917	1-218-973-81	s	RES, CHIP 47K
R918	1-218-957-81	s	RES, CHIP 2.2K
R919	1-218-953-81	s	RES, CHIP 1.0K
R920	1-208-919-81	s	RES, CHIP 22K (1005)
R921	1-218-957-81	s	RES, CHIP 2.2K
R922	1-218-941-81	s	RES, CHIP 100
R923	1-218-965-81	s	RES, CHIP 10K 1005
R925	1-218-965-81	s	RES, CHIP 10K 1005
R926	1-218-973-81	s	RES, CHIP 47K

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Ref. No. or Q'ty	Part No.	SP	Description
R927	1-218-973-81	s	RES, CHIP 47K
R928	1-218-965-81	s	RES, CHIP 10K 1005
R929	1-218-953-81	s	RES, CHIP 1.0K
R930	1-218-961-81	s	RES, CHIP 4.7K
R932	1-218-965-81	s	RES, CHIP 10K 1005
R933	1-218-965-81	s	RES, CHIP 10K 1005
R934	1-218-957-81	s	RES, CHIP 2.2K
R935	1-218-965-81	s	RES, CHIP 10K 1005
R936	1-220-878-81	s	RES, CHIP 22 (1005)
R937	1-220-878-81	s	RES, CHIP 22 (1005)
R938	1-208-855-81	s	RES, CHIP 47 (1005)
R939	1-218-965-81	s	RES, CHIP 10K 1005
R940	1-218-989-81	s	RES, CHIP 1M
R941	1-208-903-81	s	RES, CHIP 4.7K (1005)
R942	1-218-965-81	s	RES, CHIP 10K 1005
R943	1-218-953-81	s	RES, CHIP 1.0K
R945	1-208-879-81	s	RES, CHIP 470 (1005)
R946	1-208-855-81	s	RES, CHIP 47 (1005)
R948	1-218-941-81	s	RES, CHIP 100
R949	1-220-870-81	s	RES, CHIP 10 (1005)
R950	1-220-870-81	s	RES, CHIP 10 (1005)
R951	1-220-878-81	s	RES, CHIP 22 (1005)
R952	1-220-878-81	s	RES, CHIP 22 (1005)
R953	1-220-870-81	s	RES, CHIP 10 (1005)
R954	1-220-870-81	s	RES, CHIP 10 (1005)
R955	1-220-878-81	s	RES, CHIP 22 (1005)
R956	1-220-878-81	s	RES, CHIP 22 (1005)
R957	1-208-855-81	s	RES, CHIP 47 (1005)
R958	1-218-933-81	s	RES, CHIP 22
R959	1-208-911-81	s	RES, CHIP 10K (1005)
R960	1-208-911-81	s	RES, CHIP 10K (1005)
R961	1-208-871-81	s	RES, CHIP 220 (1005)
R962	1-218-933-81	s	RES, CHIP 22
R963	1-208-855-81	s	RES, CHIP 47 (1005)
R964	1-208-855-81	s	RES, CHIP 47 (1005)
R965	1-208-911-81	s	RES, CHIP 10K (1005)
R1001	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1002	1-245-242-81	s	RES, CHIP 1.5M (1005)
R1003	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1004	1-245-242-81	s	RES, CHIP 1.5M (1005)
R1005	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1006	1-245-242-81	s	RES, CHIP 1.5M (1005)
R1007	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1008	1-245-242-81	s	RES, CHIP 1.5M (1005)
R1009	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1010	1-245-242-81	s	RES, CHIP 1.5M (1005)
R1011	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1012	1-245-242-81	s	RES, CHIP 1.5M (1005)
R1013	1-218-933-81	s	RES, CHIP 22
R1014	1-218-933-81	s	RES, CHIP 22
R1015	1-218-933-81	s	RES, CHIP 22
R1016	1-218-933-81	s	RES, CHIP 22
R2001	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2002	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2003	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2004	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2005	1-218-933-81	s	RES, CHIP 22
R2007	1-208-911-81	s	RES, CHIP 10K (1005)
R2008	1-208-863-81	s	RES, CHIP 100 (1005)
RB101	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB102	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB103	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB104	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB105	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB106	1-234-380-21	s	RES, NETWORK 47K (1005X4)

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Ref. No. or Q'ty	Part No.	SP	Description
RB107	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB108	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB109	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB110	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB111	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB112	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB113	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB114	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB115	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB116	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB117	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB118	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB119	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB120	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB121	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB301	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB302	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB303	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB304	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB305	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB306	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB307	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB308	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB309	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB310	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB311	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB312	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB313	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB314	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB315	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB316	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB317	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB318	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB319	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB320	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB321	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB322	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB323	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB324	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB325	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB326	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB327	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB328	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB329	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB330	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB331	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB332	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB333	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB334	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB335	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB336	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB337	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB338	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB339	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB340	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB341	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB342	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB343	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB344	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB345	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB346	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB347	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB348	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB349	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB350	1-234-371-21	s	RES, NETWORK 47 (1005X4)

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Ref. No. or Q'ty	Part No.	SP	Description
RB351	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB352	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB353	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB354	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB355	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB401	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB402	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB403	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB404	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB405	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB406	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB407	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB408	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB409	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB410	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB411	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB412	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB413	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB414	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB415	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB416	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB417	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB418	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB419	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB420	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB421	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB422	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB423	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB424	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB425	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB426	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB427	1-234-374-21	s	RES, NETWORK 470 (1005X4)
RB428	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB429	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB430	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB431	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB432	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB433	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB434	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB435	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB436	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB437	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB438	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB501	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB502	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB503	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB504	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB505	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB506	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB507	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB508	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB509	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB510	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB511	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB512	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB513	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB514	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB515	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB516	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB517	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB518	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB519	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB520	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB521	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB522	1-234-371-21	s	RES, NETWORK 47 (1005X4)

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Ref. No. or Q'ty	Part No.	SP	Description
RB523	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB524	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB525	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB601	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB602	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB603	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB604	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB605	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB606	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB607	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB608	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB609	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB610	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB611	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB612	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB613	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB614	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB615	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB616	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB617	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB618	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB619	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB620	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB621	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB622	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB623	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB624	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB625	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB626	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB627	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB628	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB629	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB630	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB631	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB632	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB633	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB634	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB635	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB636	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB637	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB638	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB639	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB640	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB641	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB642	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB643	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB644	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB645	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB646	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB701	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB702	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB703	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB704	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB705	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB706	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB707	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB708	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB709	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB710	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB711	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB712	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB713	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB714	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB715	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB716	1-234-372-21	s	RES, NETWORK 100 (1005X4)

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Ref. No. or Q'ty	Part No.	SP	Description
RB717	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB718	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB719	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB720	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB721	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB723	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB724	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB725	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB726	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB727	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB728	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB729	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB730	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB731	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB732	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB733	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB734	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB735	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB736	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB737	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB738	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB739	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB740	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB741	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB742	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB743	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB744	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB745	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB746	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB747	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB749	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB750	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB751	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB752	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB753	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB754	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB755	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB756	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB757	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB758	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB759	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB760	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB761	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB762	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB763	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB764	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB765	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB766	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB767	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB768	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB769	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB770	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB771	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB772	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB773	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB774	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB775	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB776	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB801	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB802	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB803	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB804	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB805	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB806	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB807	1-234-372-21	s	RES, NETWORK 100 (1005X4)

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Ref. No. or Q'ty	Part No.	SP	Description
RB808	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB809	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB902	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB903	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB904	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB905	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB906	1-234-371-21	s	RES, NETWORK 47 (1005X4)
THP101 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP102 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP103 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP104 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP105 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
TP31	1-535-877-22	s	CHIP, CHECKER
TP61	1-535-877-22	s	CHIP, CHECKER
TP62	1-535-877-22	s	CHIP, CHECKER
TP63	1-535-877-22	s	CHIP, CHECKER
TP64	1-535-877-22	s	CHIP, CHECKER
TP65	1-535-877-22	s	CHIP, CHECKER
TP66	1-535-877-22	s	CHIP, CHECKER
TP801	1-535-877-22	s	CHIP, CHECKER
TP802	1-535-877-22	s	CHIP, CHECKER
TP803	1-535-877-22	s	CHIP, CHECKER
TP804	1-535-877-22	s	CHIP, CHECKER
TP901	1-535-877-22	s	CHIP, CHECKER
TP902	1-535-877-22	s	CHIP, CHECKER
X901	1-795-670-12	s	OSCILLATOR, CRYSTAL (VCXO) 3.3V
X902	1-795-671-12	s	OSCILLATOR, CRYSTAL (VCXO) 3.3V
X903	1-795-764-12	s	OSCILLATOR, CRYSTAL (VCXO) 5V

DR-657 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1860-213-A	s	MOUNTED CIRCUIT BOARD, DR-657
C1	1-100-966-91	s	CAP, CERAMIC 10MF C (2012)
C2	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C3	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C4	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C5	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C6	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C7	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C8	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C9	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C10	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C11	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C12	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C13	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C14	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C15	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C16	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C17	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C18	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C19	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C20	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C21	1-114-549-11	s	CAP, NIOBIUM ELECT 47UF
C22	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C23	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C24	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C25	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C26	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C27	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

DR-657 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C28	1-112-791-11	s	CAP, ELECT 100MF
C29	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C31	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C32	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C33	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C34	1-114-728-91	o	CAP, CERAMIC 22MF B 3216
C35	1-114-386-11	s	CAP, NIOBIUM ELECT 100MF 105
C36	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C37	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C38	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C39	1-116-118-11	s	CAP, ELECT 47MF 105
C40	1-114-386-11	s	CAP, NIOBIUM ELECT 100MF 105
C41	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C42	1-114-386-11	s	CAP, NIOBIUM ELECT 100MF 105
C43	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C44	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C45	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C46	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C47	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C48	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C49	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C50	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C51	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C52	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C53	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C54	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C55	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C57	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C58	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C59	1-112-916-11	s	CAP, NIOBIUM ELECT 47MF 105
C60	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C61	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C62	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C63	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C64	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C66	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C67	1-112-916-11	s	CAP, NIOBIUM ELECT 47MF 105
C68	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C69	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C70	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C71	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C72	1-114-728-91	o	CAP, CERAMIC 22MF B 3216
C73	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C75	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C77	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C78	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C79	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C80	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C81	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C82	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C83	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C84	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C85	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C86	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C87	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C88	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C89	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C90	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C91	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C92	1-100-966-91	s	CAP, CERAMIC 10MF C (2012)
C93	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C94	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C96	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C97	1-126-398-21	s	CAP, CHIP ELECT 4.7MF (4X5.7)
C98	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608

DR-657 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C100	1-126-398-21	s	CAP, CHIP ELECT 4.7MF (4X5.7)
C101	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C102	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C116	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C117	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C118	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C119	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C120	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C121	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C123	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C125	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C126	1-114-549-11	s	CAP, NIOBIUM ELECT 47UF
C129	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C130	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C131	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C132	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C133	1-114-549-11	s	CAP, NIOBIUM ELECT 47UF
CN1	1-778-451-31	s	CONNECTOR, FFC/FPC(ZIF) AN 50P
CN2	1-764-441-51	s	CONNECTOR, FPC 30P
CN3	1-785-900-21	s	CONNECTOR 5P
D1	6-503-494-01	s	DI DA6J101K0R
D2	6-503-494-01	s	DI DA6J101K0R
D3	6-503-235-01	s	DI DA3J101F0L
D4	8-719-210-46	s	DIODE EC10QS-06-TE12L
D5	6-503-494-01	s	DI DA6J101K0R
D6	6-503-494-01	s	DI DA6J101K0R
D7	8-719-083-60	s	DI UDZSUSTE-174.7B
D8	6-503-494-01	s	DI DA6J101K0R
D9	6-503-494-01	s	DI DA6J101K0R
D10	8-719-083-60	s	DI UDZSUSTE-174.7B
D11	6-503-494-01	s	DI DA6J101K0R
D12	6-503-494-01	s	DI DA6J101K0R
D13	6-503-235-01	s	DI DA3J101F0L
D14	6-503-235-01	s	DI DA3J101F0L
D15	8-719-069-28	s	DI 1SS400FJTE61
D16	8-719-069-28	s	DI 1SS400FJTE61
ET1	1-780-627-11	s	TERMINAL, LUG
ET2	1-780-627-11	s	TERMINAL, LUG
ET3	1-780-627-11	s	TERMINAL, LUG
ET4	1-780-627-11	s	TERMINAL, LUG
FB4	1-400-832-21	s	SMD EMI FERRITE
IC1	8-759-549-20	s	IC SN74LV541APWR
IC2	6-704-976-01	s	IC ADR381ARTZ-REEL7
IC3	6-711-852-01	s	IC LTC1844ES5-BYP
IC4	8-759-573-97	s	IC SN74LVC541APWR
IC5	8-759-327-01	s	IC NJM062V(TE2)
IC6	8-759-573-97	s	IC SN74LVC541APWR
IC7	6-711-375-01	s	IC LT1964ES5-BYP#TR
IC8	8-759-573-97	s	IC SN74LVC541APWR
IC10	8-759-327-01	s	IC NJM062V(TE2)
IC11	8-759-327-01	s	IC NJM062V(TE2)
IC12	8-759-327-01	s	IC NJM062V(TE2)
IC13	8-759-327-01	s	IC NJM062V(TE2)
IC14	8-759-573-97	s	IC SN74LVC541APWR
IC15	6-708-326-01	s	IC TC74HCT4053AFT(EL)
IC16	8-759-672-76	s	IC AK9813BF-E2
IC17	6-704-099-01	s	IC TC7WZ08FK
IC028	6-718-319-01	s	IC ADS7830IPWR
IC029	6-710-210-01	s	IC TPS73101DBVRG4
IC30	6-708-326-01	s	IC TC74HCT4053AFT(EL)
L1	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L2	1-414-392-41	s	INDUCTOR (SMD) 1.0UH

DR-657 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
Q1	8-729-026-84	s	TRANSISTOR 2SC4215Y-TE85L
Q2	8-729-026-84	s	TRANSISTOR 2SC4215Y-TE85L
Q3	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q4	8-729-026-84	s	TRANSISTOR 2SC4215Y-TE85L
Q5	8-729-026-84	s	TRANSISTOR 2SC4215Y-TE85L
Q6	8-729-026-84	s	TRANSISTOR 2SC4215Y-TE85L
Q7	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q8	8-729-026-84	s	TRANSISTOR 2SC4215Y-TE85L
Q9	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q10	8-729-053-11	s	TRANSISTOR FDC6561AN
Q11	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
Q12	8-729-053-12	s	TRANSISTOR FDC6506P
Q13	8-729-053-11	s	TRANSISTOR FDC6561AN
Q14	8-729-053-12	s	TRANSISTOR FDC6506P
Q15	8-729-053-12	s	TRANSISTOR FDC6506P
Q16	8-729-053-12	s	TRANSISTOR FDC6506P
Q17	8-729-053-12	s	TRANSISTOR FDC6506P
Q18	8-729-053-12	s	TRANSISTOR FDC6506P
Q19	8-729-053-11	s	TRANSISTOR FDC6561AN
Q20	8-729-053-11	s	TRANSISTOR FDC6561AN
Q21	8-729-053-11	s	TRANSISTOR FDC6561AN
Q22	8-729-053-11	s	TRANSISTOR FDC6561AN
Q23	8-729-026-84	s	TRANSISTOR 2SC4215Y-TE85L
Q24	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
Q25	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q26	6-550-632-01	s	TRANSISTOR 2SC4672-T100-Q
Q27	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
Q28	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
Q29	8-729-053-12	s	TRANSISTOR FDC6506P
Q30	8-729-053-12	s	TRANSISTOR FDC6506P
Q31	8-729-053-12	s	TRANSISTOR FDC6506P
Q32	8-729-053-12	s	TRANSISTOR FDC6506P
Q33	8-729-053-11	s	TRANSISTOR FDC6561AN
Q34	8-729-053-11	s	TRANSISTOR FDC6561AN
Q35	8-729-053-11	s	TRANSISTOR FDC6561AN
Q36	8-729-053-11	s	TRANSISTOR FDC6561AN
Q37	8-729-026-84	s	TRANSISTOR 2SC4215Y-TE85L
Q38	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q39	8-729-107-04	s	TRANSISTOR 2SB1115-T1YL
Q40	8-729-015-48	s	TRANSISTOR 2SK1062(TE85L)
R1	1-208-895-81	s	RES, CHIP 2.2K (1005)
R2	1-208-895-81	s	RES, CHIP 2.2K (1005)
R3	1-208-895-81	s	RES, CHIP 2.2K (1005)
R4	1-208-895-81	s	RES, CHIP 2.2K (1005)
R5	1-208-895-81	s	RES, CHIP 2.2K (1005)
R6	1-208-895-81	s	RES, CHIP 2.2K (1005)
R7	1-208-895-81	s	RES, CHIP 2.2K (1005)
R8	1-208-911-81	s	RES, CHIP 10K (1005)
R9	1-208-895-81	s	RES, CHIP 2.2K (1005)
R10	1-208-911-81	s	RES, CHIP 10K (1005)
R11	1-208-895-81	s	RES, CHIP 2.2K (1005)
R12	1-208-911-81	s	RES, CHIP 10K (1005)
R13	1-208-911-81	s	RES, CHIP 10K (1005)
R14	1-208-863-81	s	RES, CHIP 100 (1005)
R15	1-208-903-81	s	RES, CHIP 4.7K (1005)
R16	1-208-911-81	s	RES, CHIP 10K (1005)
R17	1-208-911-81	s	RES, CHIP 10K (1005)
R18	1-216-797-91	s	RES, CHIP 10 (1608)
R19	1-208-863-81	s	RES, CHIP 100 (1005)
R20	1-216-797-91	s	RES, CHIP 10 (1608)
R21	1-216-797-91	s	RES, CHIP 10 (1608)
R22	1-216-797-91	s	RES, CHIP 10 (1608)
R23	1-216-797-91	s	RES, CHIP 10 (1608)
R24	1-216-797-91	s	RES, CHIP 10 (1608)
R25	1-208-911-81	s	RES, CHIP 10K (1005)

Ref. No. or Q'ty	Part No.	SP	Description
R26	1-216-793-91	s	RES, CHIP 4.7 (1608)
R27	1-218-831-91	s	RES, CHIP 220 (1608)
R28	1-208-919-81	s	RES, CHIP 22K (1005)
R29	1-208-911-81	s	RES, CHIP 10K (1005)
R30	1-208-879-81	s	RES, CHIP 470 (1005)
R31	1-208-919-81	s	RES, CHIP 22K (1005)
R32	1-208-895-81	s	RES, CHIP 2.2K (1005)
R33	1-208-895-81	s	RES, CHIP 2.2K (1005)
R34	1-208-863-81	s	RES, CHIP 100 (1005)
R35	1-208-863-81	s	RES, CHIP 100 (1005)
R36	1-208-871-81	s	RES, CHIP 220 (1005)
R37	1-220-878-81	s	RES, CHIP 22 (1005)
R38	1-208-883-81	s	RES, CHIP 680 (1005)
R39	1-220-870-81	s	RES, CHIP 10 (1005)
R40	1-208-911-81	s	RES, CHIP 10K (1005)
R41	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R42	1-208-911-81	s	RES, CHIP 10K (1005)
R43	1-208-903-81	s	RES, CHIP 4.7K (1005)
R44	1-208-895-81	s	RES, CHIP 2.2K (1005)
R45	1-208-871-81	s	RES, CHIP 220 (1005)
R46	1-208-919-81	s	RES, CHIP 22K (1005)
R47	1-208-911-81	s	RES, CHIP 10K (1005)
R48	1-208-935-81	s	RES, CHIP 100K (1005)
R50	1-208-911-81	s	RES, CHIP 10K (1005)
R51	1-208-883-81	s	RES, CHIP 680 (1005)
R52	1-208-911-81	s	RES, CHIP 10K (1005)
R53	1-208-903-81	s	RES, CHIP 4.7K (1005)
R54	1-208-895-81	s	RES, CHIP 2.2K (1005)
R55	1-208-871-81	s	RES, CHIP 220 (1005)
R56	1-208-911-81	s	RES, CHIP 10K (1005)
R57	1-208-911-81	s	RES, CHIP 10K (1005)
R58	1-208-895-81	s	RES, CHIP 2.2K (1005)
R59	1-208-911-81	s	RES, CHIP 10K (1005)
R63	1-208-911-81	s	RES, CHIP 10K (1005)
R64	1-208-863-81	s	RES, CHIP 100 (1005)
R65	1-208-863-81	s	RES, CHIP 100 (1005)
R66	1-208-863-81	s	RES, CHIP 100 (1005)
R67	1-208-911-81	s	RES, CHIP 10K (1005)
R69	1-208-919-81	s	RES, CHIP 22K (1005)
R70	1-208-911-81	s	RES, CHIP 10K (1005)
R71	1-208-919-81	s	RES, CHIP 22K (1005)
R72	1-208-855-81	s	RES, CHIP 47 (1005)
R73	1-208-855-81	s	RES, CHIP 47 (1005)
R75	1-208-855-81	s	RES, CHIP 47 (1005)
R76	1-208-911-81	s	RES, CHIP 10K (1005)
R77	1-208-919-81	s	RES, CHIP 22K (1005)
R94	1-208-895-81	s	RES, CHIP 2.2K (1005)
R98	1-208-911-81	s	RES, CHIP 10K (1005)
R99	1-208-895-81	s	RES, CHIP 2.2K (1005)
R100	1-208-935-81	s	RES, CHIP 100K (1005)
R101	1-220-878-81	s	RES, CHIP 22 (1005)
R114	1-220-870-81	s	RES, CHIP 10 (1005)
R115	1-220-874-81	s	RES, CHIP 15 (1005)
R116	1-220-874-81	s	RES, CHIP 15 (1005)
R118	1-220-870-81	s	RES, CHIP 10 (1005)
R119	1-208-887-81	s	RES, CHIP 1.0K (1005)
R120	1-208-887-81	s	RES, CHIP 1.0K (1005)
R121	1-208-887-81	s	RES, CHIP 1.0K (1005)
R122	1-208-863-81	s	RES, CHIP 100 (1005)
R123	1-208-863-81	s	RES, CHIP 100 (1005)
R125	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R127	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R129	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R131	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R132	1-220-870-81	s	RES, CHIP 10 (1005)

DR-657 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R136	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R137	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R139	1-216-793-91	s	RES, CHIP 4.7 (1608)
R140	1-218-831-91	s	RES, CHIP 220 (1608)
R141	1-208-863-81	s	RES, CHIP 100 (1005)
R142	1-208-863-81	s	RES, CHIP 100 (1005)
RB1	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3	1-234-381-21	s	RES, NETWORK 100K (1005X4)
RB4	1-234-381-21	s	RES, NETWORK 100K (1005X4)
RB5	1-234-381-21	s	RES, NETWORK 100K (1005X4)
RB6	1-234-381-21	s	RES, NETWORK 100K (1005X4)
RB7	1-234-375-21	s	RES, NETWORK 1K (1005X4)
RB8	1-234-375-21	s	RES, NETWORK 1K (1005X4)
RB9	1-234-375-21	s	RES, NETWORK 1K (1005X4)
TP1	1-780-638-22	s	CONTACT TERMINAL

DR-663 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1813-088-A	s	MOUNTED CIRCUIT BOARD, DR-663
C1	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C3	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C4	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C5	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C6	1-164-862-81	s	CAP, CHIP CERAMIC 33PF CH 1005
C7	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C8	1-164-862-81	s	CAP, CHIP CERAMIC 33PF CH 1005
C9	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C10	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C11	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C12	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C13	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C14	1-114-965-11	s	CAP, CERAMIC 4.7MF X7R (3225)
C15	1-114-965-11	s	CAP, CERAMIC 4.7MF X7R (3225)
C16	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C17	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C18	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C19	1-107-819-81	s	CAP,CHIP CERAMIC 22000PF B1005
C20	1-107-819-81	s	CAP,CHIP CERAMIC 22000PF B1005
C21	1-100-565-91	s	CAP, CHIP CERAMIC 0.47MF B2012
C22	1-107-819-81	s	CAP,CHIP CERAMIC 22000PF B1005
C23	1-107-819-81	s	CAP,CHIP CERAMIC 22000PF B1005
C26	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C27	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C28	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C29	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C30	1-116-045-91	s	CAP, CERAMIC 4.7MF B 2012
C32	1-100-565-91	s	CAP, CHIP CERAMIC 0.47MF B2012
C33	1-114-965-11	s	CAP, CERAMIC 4.7MF X7R (3225)
C36	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C37	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C38	1-112-317-11	s	CAP, CHIP CERAMIC 0.1MF (2012)
C39	1-114-330-11	s	CAP, CERAMIC 2.2MF X7R 2012
CN2	1-817-317-21	s	PIN, CONNECTOR 5P
CN3	1-785-900-21	s	CONNECTOR 5P
CN4	1-568-921-11	s	PIN, CONNECTOR 8P
CN5	1-770-619-21	s	PIN, CONNECTOR 2P
CN6	1-770-619-21	s	PIN, CONNECTOR 2P

DR-663 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
D2	6-502-950-01	o	DI RB550VA-30TR
D3	6-502-950-01	o	DI RB550VA-30TR
D4	6-502-950-01	o	DI RB550VA-30TR
D5	6-502-950-01	o	DI RB550VA-30TR
D6	6-502-950-01	o	DI RB550VA-30TR
D7	6-502-950-01	o	DI RB550VA-30TR
D8	6-502-950-01	o	DI RB550VA-30TR
D9	6-502-950-01	o	DI RB550VA-30TR
D10	8-719-069-28	s	DI 1SS400FJTE61
D11	8-719-069-28	s	DI 1SS400FJTE61
D12	8-719-082-45	s	DIODE RB715W-TL
E1	1-535-757-21	s	CHIP, CHECKER
E2	1-535-757-21	s	CHIP, CHECKER
IC2	6-717-014-01	s	IC BA6951FS-E2
IC3	6-717-014-01	s	IC BA6951FS-E2
IC6	6-718-006-01	s	IC NJM2835DL1-12(TA1)
IC7	6-713-063-01	s	IC NJM2831F05(TE1)
L1	1-416-919-21	s	COIL, CHOKE 150UH
L2	1-400-793-21	s	INDUCTOR, CHIP 47UH (2518)
L3	1-400-793-21	s	INDUCTOR, CHIP 47UH (2518)
L4	1-400-793-21	s	INDUCTOR, CHIP 47UH (2518)
L5	1-400-793-21	s	INDUCTOR, CHIP 47UH (2518)
L6	1-469-553-21	s	INDUCTOR, CHIP 4.7UH (LB2016)
L7	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
L8	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L9	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
R2	1-220-878-81	s	RES, CHIP 22 (1005)
R3	1-220-878-81	s	RES, CHIP 22 (1005)
R5	1-220-878-81	s	RES, CHIP 22 (1005)
R6	1-220-878-81	s	RES, CHIP 22 (1005)
R7	1-220-878-81	s	RES, CHIP 22 (1005)
R8	1-220-878-81	s	RES, CHIP 22 (1005)
R9	1-208-927-81	s	RES, CHIP 47K (1005)
R10	1-208-927-81	s	RES, CHIP 47K (1005)
R11	1-208-927-81	s	RES, CHIP 47K (1005)
R12	1-208-927-81	s	RES, CHIP 47K (1005)
R19	1-208-887-81	s	RES, CHIP 1.0K (1005)
R20	1-208-935-81	s	RES, CHIP 100K (1005)
R21	1-208-887-81	s	RES, CHIP 1.0K (1005)
R22	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R23	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R24	1-208-935-81	s	RES, CHIP 100K (1005)
R25	1-208-887-81	s	RES, CHIP 1.0K (1005)
R26	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R27	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R28	1-208-935-81	s	RES, CHIP 100K (1005)
R29	1-208-887-81	s	RES, CHIP 1.0K (1005)
R30	1-208-887-81	s	RES, CHIP 1.0K (1005)
R31	1-208-947-81	s	RES, CHIP 330K (1005)
R32	1-208-911-81	s	RES, CHIP 10K (1005)
R33	1-208-935-81	s	RES, CHIP 100K (1005)
R34	1-208-939-81	s	RES, CHIP 150K (1005)
R36	1-208-939-81	s	RES, CHIP 150K (1005)
R37	1-208-935-81	s	RES, CHIP 100K (1005)
R39	1-208-887-81	s	RES, CHIP 1.0K (1005)
R40	1-208-887-81	s	RES, CHIP 1.0K (1005)
R41	1-245-242-81	s	RES, CHIP 1.5M (1005)
R42	1-245-242-81	s	RES, CHIP 1.5M (1005)
R43	1-208-901-81	s	RES, CHIP 3.9K (1005)
R44	1-208-883-81	s	RES, CHIP 680 (1005)
R45	1-208-901-81	s	RES, CHIP 3.9K (1005)
R46	1-208-883-81	s	RES, CHIP 680 (1005)
R47	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R48	1-218-990-81	s	CONDUCTOR, CHIP (1005)

DR-663 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R49	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R50	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R51	1-208-891-81	s	RES, CHIP 1.5K (1005)
R52	1-208-891-81	s	RES, CHIP 1.5K (1005)
R54	1-208-885-81	s	RES, CHIP 820 (1005)
R55	1-208-885-81	s	RES, CHIP 820 (1005)
R56	1-208-905-81	s	RES, CHIP 5.6K (1005)
R57	1-208-898-81	s	RES, CHIP 3.0K (1005)
R58	1-208-905-81	s	RES, CHIP 5.6K (1005)
R59	1-208-898-81	s	RES, CHIP 3.0K (1005)
R60	1-211-971-91	s	RES, CHIP 12 (1608)
R61	1-211-971-91	s	RES, CHIP 12 (1608)
R62	1-211-971-91	s	RES, CHIP 12 (1608)
R63	1-211-971-91	s	RES, CHIP 12 (1608)
R69	1-208-923-81	s	RES, CHIP 33K (1005)
R70	1-208-927-81	s	RES, CHIP 47K (1005)
R71	1-218-858-91	s	RES, CHIP 3.0K (1608)
R72	1-218-858-91	s	RES, CHIP 3.0K (1608)
R75	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R76	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R77	1-208-927-81	s	RES, CHIP 47K (1005)
R78	1-208-927-81	s	RES, CHIP 47K (1005)
R79	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R80	1-220-878-81	s	RES, CHIP 22 (1005)
R82	1-208-927-81	s	RES, CHIP 47K (1005)
R85	1-208-927-81	s	RES, CHIP 47K (1005)
RB1	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB2	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB3	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB5	1-234-380-21	s	RES, NETWORK 47K (1005X4)
S1	1-692-881-41	s	SWITCH, SLIDE
S2	1-786-806-13	s	SWITCH, TACT (WITH LED)
TH1	⚠ 1-804-503-21	s	THERMISTOR

IF-1168 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1860-211-A	s	MOUNTED CIRCUIT BOARD, IF-1168
C1	1-112-916-11	s	CAP, NIOBIUM ELECT 47MF 105
C2	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C3	1-116-045-91	s	CAP, CERAMIC 4.7MF B 2012
C5	1-112-916-11	s	CAP, NIOBIUM ELECT 47MF 105
C6	1-112-916-11	s	CAP, NIOBIUM ELECT 47MF 105
C7	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C8	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C9	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C10	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C11	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C12	1-112-915-11	s	CAP, NIOBIUM ELECT 22MF 105
C13	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C14	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C15	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C16	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C17	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C18	1-112-915-11	s	CAP, NIOBIUM ELECT 22MF 105
C19	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C20	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C21	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C22	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C23	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608

IF-1168 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C24	1-112-915-11	s	CAP, NIOBIUM ELECT 22MF 105
C25	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
CN1	1-774-391-21	o	CONNECTOR, BOARD TO BOARD 60P
CN2	1-778-451-31	s	CONNECTOR, FFC/FPC(ZIF) AN 50P
CN3	1-778-451-31	s	CONNECTOR, FFC/FPC(ZIF) AN 50P
CN4	1-778-451-31	s	CONNECTOR, FFC/FPC(ZIF) AN 50P
ET1	1-780-627-11	s	TERMINAL, LUG
ET2	1-780-627-11	s	TERMINAL, LUG
R010	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R011	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R012	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R013	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R014	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R015	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R016	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R017	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R018	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R019	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R021	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R022	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R023	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R024	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R025	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R026	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R027	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R028	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R029	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R030	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R032	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R033	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R034	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R035	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R036	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R037	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R038	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R039	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R040	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R041	1-218-990-81	s	CONDUCTOR, CHIP (1005)

LE-380 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-408-A	s	MOUNTED CIRCUIT BOARD, LE-380
C1	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C2	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C4	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C5	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C6	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C7	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C8	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C9	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C11	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C12	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C13	1-116-493-11	s	CAP, CERAMIC 4.7MF X7R 3216
C14	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C15	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C16	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C17	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C18	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C19	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

LE-380 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C20	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C21	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C24	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C101	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C102	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C103	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C104	1-116-493-11	s	CAP, CERAMIC 4.7MF X7R 3216
CN3000	1-784-254-21	s	CONNECTOR 10P
D1	6-501-123-01	s	DIODE RB160M-60TR
D2	6-501-123-01	s	DIODE RB160M-60TR
D3	6-503-820-01	s	DI KA-3021SURSK
D4	6-503-820-01	s	DI KA-3021SURSK
D5	6-503-820-01	s	DI KA-3021SURSK
D6	6-503-820-01	s	DI KA-3021SURSK
D7	6-503-820-01	s	DI KA-3021SURSK
D8	6-503-820-01	s	DI KA-3021SURSK
D9	6-503-820-01	s	DI KA-3021SURSK
D10	6-503-820-01	s	DI KA-3021SURSK
D11	6-503-820-01	s	DI KA-3021SURSK
D12	6-503-820-01	s	DI KA-3021SURSK
D13	6-503-820-01	s	DI KA-3021SURSK
D14	6-503-820-01	s	DI KA-3021SURSK
D15	6-503-820-01	s	DI KA-3021SURSK
D16	6-503-820-01	s	DI KA-3021SURSK
D17	6-503-820-01	s	DI KA-3021SURSK
D18	6-503-820-01	s	DI KA-3021SURSK
D19	6-503-820-01	s	DI KA-3021SURSK
D20	6-503-820-01	s	DI KA-3021SURSK
D21	6-503-820-01	s	DI KA-3021SURSK
D22	6-503-820-01	s	DI KA-3021SURSK
D23	6-503-820-01	s	DI KA-3021SURSK
D24	6-503-820-01	s	DI KA-3021SURSK
D25	6-503-820-01	s	DI KA-3021SURSK
D26	6-503-820-01	s	DI KA-3021SURSK
D27	6-503-820-01	s	DI KA-3021SURSK
D28	6-503-820-01	s	DI KA-3021SURSK
D29	6-503-820-01	s	DI KA-3021SURSK
D30	6-503-820-01	s	DI KA-3021SURSK
D31	6-503-820-01	s	DI KA-3021SURSK
D32	6-503-820-01	s	DI KA-3021SURSK
D33	6-503-820-01	s	DI KA-3021SURSK
D34	6-503-820-01	s	DI KA-3021SURSK
D35	6-503-820-01	s	DI KA-3021SURSK
D36	6-503-820-01	s	DI KA-3021SURSK
D37	6-503-820-01	s	DI KA-3021SURSK
D38	6-503-820-01	s	DI KA-3021SURSK
D39	6-503-820-01	s	DI KA-3021SURSK
D40	6-503-820-01	s	DI KA-3021SURSK
D41	6-503-820-01	s	DI KA-3021SURSK
D42	6-503-820-01	s	DI KA-3021SURSK
D43	6-503-820-01	s	DI KA-3021SURSK
D44	6-503-820-01	s	DI KA-3021SURSK
D45	6-503-820-01	s	DI KA-3021SURSK
D46	6-503-820-01	s	DI KA-3021SURSK
D47	6-503-820-01	s	DI KA-3021SURSK
D48	6-503-820-01	s	DI KA-3021SURSK
D49	6-503-820-01	s	DI KA-3021SURSK
D50	6-503-820-01	s	DI KA-3021SURSK
D51	6-503-820-01	s	DI KA-3021SURSK
D52	6-503-820-01	s	DI KA-3021SURSK
D53	6-503-820-01	s	DI KA-3021SURSK
D54	6-503-820-01	s	DI KA-3021SURSK
D55	6-503-820-01	s	DI KA-3021SURSK
D56	6-503-820-01	s	DI KA-3021SURSK

LE-380 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
D57	6-503-820-01	s	DI KA-3021SURSK
D58	6-503-820-01	s	DI KA-3021SURSK
D59	6-503-820-01	s	DI KA-3021SURSK
D60	6-503-820-01	s	DI KA-3021SURSK
D61	6-503-820-01	s	DI KA-3021SURSK
D62	6-503-820-01	s	DI KA-3021SURSK
D101	6-501-123-01	s	DIODE RB160M-60TR
ET1	1-780-925-11	s	TERMINAL, LUG
FB1	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB2	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB3	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
IC1	6-714-935-01	s	IC TPS54225PWPR
IC2	6-715-468-01	s	IC TPS61165DRVT
IC3	6-711-438-01	s	IC TC74VHC595FK(EL,K)
IC4	6-711-438-01	s	IC TC74VHC595FK(EL,K)
IC5	6-711-438-01	s	IC TC74VHC595FK(EL,K)
IC6	6-711-438-01	s	IC TC74VHC595FK(EL,K)
IC101	6-715-468-01	s	IC TPS61165DRVT
L1	1-457-892-11	s	CHOKE COIL
L2	1-457-455-11	s	CHOKE COIL 10UH
L101	1-457-455-11	s	CHOKE COIL 10UH
Q1	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q2	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q3	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q4	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q5	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q6	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q7	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q8	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q9	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q10	6-553-166-01	s	TR MTM862270LBF
Q11	6-553-166-01	s	TR MTM862270LBF
Q12	6-553-166-01	s	TR MTM862270LBF
Q13	6-553-166-01	s	TR MTM862270LBF
Q14	6-553-166-01	s	TR MTM862270LBF
Q15	6-553-166-01	s	TR MTM862270LBF
Q16	6-553-166-01	s	TR MTM862270LBF
Q17	6-553-166-01	s	TR MTM862270LBF
Q18	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q19	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q20	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q21	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q22	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q23	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q24	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q25	6-550-747-01	s	TRANSISTOR 3LP01S-K-TL-E
Q26	6-553-166-01	s	TR MTM862270LBF
Q27	6-553-166-01	s	TR MTM862270LBF
Q28	6-553-166-01	s	TR MTM862270LBF
Q29	6-553-166-01	s	TR MTM862270LBF
Q30	6-553-166-01	s	TR MTM862270LBF
Q31	6-553-166-01	s	TR MTM862270LBF
Q32	6-553-166-01	s	TR MTM862270LBF
Q33	6-553-166-01	s	TR MTM862270LBF
Q34	8-729-928-82	s	TRANSISTOR DTC144EE-TL
R1	1-208-927-81	s	RES, CHIP 47K (1005)
R2	1-208-911-81	s	RES, CHIP 10K (1005)
R3	1-208-915-81	s	RES, CHIP 15K (1005)
R4	1-208-915-81	s	RES, CHIP 15K (1005)
R5	1-208-887-81	s	RES, CHIP 1.0K (1005)
R6	1-208-863-81	s	RES, CHIP 100 (1005)
R7	1-208-863-81	s	RES, CHIP 100 (1005)
R8	1-208-863-81	s	RES, CHIP 100 (1005)

LE-380 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R9	1-208-863-81	s	RES, CHIP 100 (1005)
R10	1-218-446-91	s	RES, CHIP 1 (1608)
R11	1-208-927-81	s	RES, CHIP 47K (1005)
R12	1-208-927-81	s	RES, CHIP 47K (1005)
R13	1-208-927-81	s	RES, CHIP 47K (1005)
R14	1-208-927-81	s	RES, CHIP 47K (1005)
R15	1-211-969-91	s	RES, CHIP 10 (1608)
R16	1-211-969-91	s	RES, CHIP 10 (1608)
R17	1-211-969-91	s	RES, CHIP 10 (1608)
R18	1-211-969-91	s	RES, CHIP 10 (1608)
R19	1-208-911-81	s	RES, CHIP 10K (1005)
R20	1-208-911-81	s	RES, CHIP 10K (1005)
R21	1-208-911-81	s	RES, CHIP 10K (1005)
R22	1-208-911-81	s	RES, CHIP 10K (1005)
R23	1-208-887-81	s	RES, CHIP 1.0K (1005)
R24	1-208-887-81	s	RES, CHIP 1.0K (1005)
R25	1-208-887-81	s	RES, CHIP 1.0K (1005)
R26	1-208-887-81	s	RES, CHIP 1.0K (1005)
R27	1-208-887-81	s	RES, CHIP 1.0K (1005)
R28	1-208-887-81	s	RES, CHIP 1.0K (1005)
R29	1-208-887-81	s	RES, CHIP 1.0K (1005)
R30	1-208-887-81	s	RES, CHIP 1.0K (1005)
R31	1-208-887-81	s	RES, CHIP 1.0K (1005)
R32	1-208-887-81	s	RES, CHIP 1.0K (1005)
R33	1-208-887-81	s	RES, CHIP 1.0K (1005)
R34	1-208-887-81	s	RES, CHIP 1.0K (1005)
R35	1-208-887-81	s	RES, CHIP 1.0K (1005)
R36	1-208-887-81	s	RES, CHIP 1.0K (1005)
R37	1-208-887-81	s	RES, CHIP 1.0K (1005)
R38	1-208-887-81	s	RES, CHIP 1.0K (1005)
R39	1-211-969-91	s	RES, CHIP 10 (1608)
R40	1-211-969-91	s	RES, CHIP 10 (1608)
R41	1-211-969-91	s	RES, CHIP 10 (1608)
R42	1-211-969-91	s	RES, CHIP 10 (1608)
R43	1-211-969-91	s	RES, CHIP 10 (1608)
R44	1-211-969-91	s	RES, CHIP 10 (1608)
R45	1-211-969-91	s	RES, CHIP 10 (1608)
R46	1-211-969-91	s	RES, CHIP 10 (1608)
R47	1-211-969-91	s	RES, CHIP 10 (1608)
R48	1-211-969-91	s	RES, CHIP 10 (1608)
R49	1-211-969-91	s	RES, CHIP 10 (1608)
R50	1-211-969-91	s	RES, CHIP 10 (1608)
R51	1-211-969-91	s	RES, CHIP 10 (1608)
R52	1-211-969-91	s	RES, CHIP 10 (1608)
R53	1-211-969-91	s	RES, CHIP 10 (1608)
R54	1-211-969-91	s	RES, CHIP 10 (1608)
R55	1-208-911-81	s	RES, CHIP 10K (1005)
R101	1-218-446-91	s	RES, CHIP 1 (1608)
R102	1-218-446-91	s	RES, CHIP 1 (1608)
R103	1-218-446-91	s	RES, CHIP 1 (1608)
R104	1-218-446-91	s	RES, CHIP 1 (1608)
R105	1-218-446-91	s	RES, CHIP 1 (1608)
R106	1-218-446-91	s	RES, CHIP 1 (1608)
R107	1-218-446-91	s	RES, CHIP 1 (1608)
R110	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R121	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R161	1-208-927-81	s	RES, CHIP 47K (1005)
R162	1-208-927-81	s	RES, CHIP 47K (1005)
R163	1-208-927-81	s	RES, CHIP 47K (1005)
R164	1-208-927-81	s	RES, CHIP 47K (1005)
R165	1-208-927-81	s	RES, CHIP 47K (1005)
R166	1-208-927-81	s	RES, CHIP 47K (1005)
R167	1-208-927-81	s	RES, CHIP 47K (1005)
R168	1-208-927-81	s	RES, CHIP 47K (1005)
R171	1-208-927-81	s	RES, CHIP 47K (1005)

LE-380 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R172	1-208-927-81	s	RES, CHIP 47K (1005)
R173	1-208-927-81	s	RES, CHIP 47K (1005)
R174	1-208-927-81	s	RES, CHIP 47K (1005)
R175	1-208-927-81	s	RES, CHIP 47K (1005)
R176	1-208-927-81	s	RES, CHIP 47K (1005)
R177	1-208-927-81	s	RES, CHIP 47K (1005)
R178	1-208-927-81	s	RES, CHIP 47K (1005)

LE-381 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-414-A	s	MOUNTED CIRCUIT BOARD, LE-381
CN103	1-778-649-31	s	CONNECTOR, FFC/FPC(ZIF) ST 24P
D10	6-502-352-01	s	DI SML-522MU8WT86PQ
D11	6-502-352-01	s	DI SML-522MU8WT86PQ
D12	6-502-352-01	s	DI SML-522MU8WT86PQ
D13	6-502-352-01	s	DI SML-522MU8WT86PQ
D14	6-502-352-01	s	DI SML-522MU8WT86PQ
D15	6-502-352-01	s	DI SML-522MU8WT86PQ
D16	6-502-352-01	s	DI SML-522MU8WT86PQ
D17	6-502-352-01	s	DI SML-522MU8WT86PQ
D20	6-502-352-01	s	DI SML-522MU8WT86PQ
D21	6-502-352-01	s	DI SML-522MU8WT86PQ
D22	6-502-352-01	s	DI SML-522MU8WT86PQ
D23	6-502-352-01	s	DI SML-522MU8WT86PQ
D24	6-502-352-01	s	DI SML-522MU8WT86PQ
D25	6-502-352-01	s	DI SML-522MU8WT86PQ
D26	6-502-352-01	s	DI SML-522MU8WT86PQ
D27	6-502-352-01	s	DI SML-522MU8WT86PQ
D30	6-502-352-01	s	DI SML-522MU8WT86PQ
D31	6-502-352-01	s	DI SML-522MU8WT86PQ
D32	6-502-352-01	s	DI SML-522MU8WT86PQ
D33	6-502-352-01	s	DI SML-522MU8WT86PQ
D34	6-502-352-01	s	DI SML-522MU8WT86PQ
D35	6-502-352-01	s	DI SML-522MU8WT86PQ
D36	6-502-352-01	s	DI SML-522MU8WT86PQ
D37	6-502-352-01	s	DI SML-522MU8WT86PQ
D40	6-502-352-01	s	DI SML-522MU8WT86PQ
D41	6-502-352-01	s	DI SML-522MU8WT86PQ
D42	6-502-352-01	s	DI SML-522MU8WT86PQ
D43	6-502-352-01	s	DI SML-522MU8WT86PQ
D44	6-502-352-01	s	DI SML-522MU8WT86PQ
D45	6-502-352-01	s	DI SML-522MU8WT86PQ
D46	6-502-352-01	s	DI SML-522MU8WT86PQ
D47	6-502-352-01	s	DI SML-522MU8WT86PQ
D50	6-502-352-01	s	DI SML-522MU8WT86PQ
D51	6-502-352-01	s	DI SML-522MU8WT86PQ
D52	6-502-352-01	s	DI SML-522MU8WT86PQ
D53	6-502-352-01	s	DI SML-522MU8WT86PQ
D54	6-502-352-01	s	DI SML-522MU8WT86PQ
D55	6-502-352-01	s	DI SML-522MU8WT86PQ
D56	6-502-352-01	s	DI SML-522MU8WT86PQ
D57	6-502-352-01	s	DI SML-522MU8WT86PQ
D60	6-502-352-01	s	DI SML-522MU8WT86PQ
D61	6-502-352-01	s	DI SML-522MU8WT86PQ
D62	6-502-352-01	s	DI SML-522MU8WT86PQ
D63	6-502-352-01	s	DI SML-522MU8WT86PQ
D64	6-502-352-01	s	DI SML-522MU8WT86PQ
D65	6-502-352-01	s	DI SML-522MU8WT86PQ
D66	6-502-352-01	s	DI SML-522MU8WT86PQ
D67	6-502-352-01	s	DI SML-522MU8WT86PQ

LE-381 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
D70	6-502-352-01	s	DI SML-522MU8WT86PQ
D71	6-502-352-01	s	DI SML-522MU8WT86PQ
D72	6-502-352-01	s	DI SML-522MU8WT86PQ
D73	6-502-352-01	s	DI SML-522MU8WT86PQ
D74	6-502-352-01	s	DI SML-522MU8WT86PQ
D75	6-502-352-01	s	DI SML-522MU8WT86PQ
D76	6-502-352-01	s	DI SML-522MU8WT86PQ
D77	6-502-352-01	s	DI SML-522MU8WT86PQ
D80	6-502-352-01	s	DI SML-522MU8WT86PQ
D81	6-502-352-01	s	DI SML-522MU8WT86PQ
D82	6-502-352-01	s	DI SML-522MU8WT86PQ
D83	6-502-352-01	s	DI SML-522MU8WT86PQ
D84	6-502-352-01	s	DI SML-522MU8WT86PQ
D85	6-502-352-01	s	DI SML-522MU8WT86PQ
D86	6-502-352-01	s	DI SML-522MU8WT86PQ
D87	6-502-352-01	s	DI SML-522MU8WT86PQ

LE-382 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-409-A	s	MOUNTED CIRCUIT BOARD, LE-382
D1	6-501-355-01	s	DIODE CL-197TD2-CD-T
D2	6-501-355-01	s	DIODE CL-197TD2-CD-T
D3	6-501-355-01	s	DIODE CL-197TD2-CD-T
D4	6-501-355-01	s	DIODE CL-197TD2-CD-T
D5	6-501-355-01	s	DIODE CL-197TD2-CD-T
D6	6-501-355-01	s	DIODE CL-197TD2-CD-T
D7	6-501-355-01	s	DIODE CL-197TD2-CD-T
D8	6-501-355-01	s	DIODE CL-197TD2-CD-T
D9	6-501-355-01	s	DIODE CL-197TD2-CD-T
D10	6-501-355-01	s	DIODE CL-197TD2-CD-T
D11	6-501-355-01	s	DIODE CL-197TD2-CD-T
D12	6-501-355-01	s	DIODE CL-197TD2-CD-T
D13	6-501-355-01	s	DIODE CL-197TD2-CD-T
D14	6-501-355-01	s	DIODE CL-197TD2-CD-T
D15	6-501-355-01	s	DIODE CL-197TD2-CD-T
D16	6-501-355-01	s	DIODE CL-197TD2-CD-T
D17	6-501-355-01	s	DIODE CL-197TD2-CD-T
D18	6-501-355-01	s	DIODE CL-197TD2-CD-T
D19	6-501-355-01	s	DIODE CL-197TD2-CD-T
D20	6-501-355-01	s	DIODE CL-197TD2-CD-T
D21	6-501-355-01	s	DIODE CL-197TD2-CD-T
D22	6-501-355-01	s	DIODE CL-197TD2-CD-T
D23	6-501-355-01	s	DIODE CL-197TD2-CD-T
D24	6-501-355-01	s	DIODE CL-197TD2-CD-T
D25	6-501-355-01	s	DIODE CL-197TD2-CD-T
D26	6-501-355-01	s	DIODE CL-197TD2-CD-T
D27	6-501-355-01	s	DIODE CL-197TD2-CD-T
D28	6-501-355-01	s	DIODE CL-197TD2-CD-T
D29	6-501-355-01	s	DIODE CL-197TD2-CD-T
D30	6-501-355-01	s	DIODE CL-197TD2-CD-T
D31	6-501-355-01	s	DIODE CL-197TD2-CD-T
D32	6-501-355-01	s	DIODE CL-197TD2-CD-T
D33	6-501-355-01	s	DIODE CL-197TD2-CD-T
D34	6-501-355-01	s	DIODE CL-197TD2-CD-T
D35	6-501-355-01	s	DIODE CL-197TD2-CD-T
D36	6-501-355-01	s	DIODE CL-197TD2-CD-T
D37	6-501-355-01	s	DIODE CL-197TD2-CD-T
D38	6-501-355-01	s	DIODE CL-197TD2-CD-T
D39	6-501-355-01	s	DIODE CL-197TD2-CD-T
D40	6-501-355-01	s	DIODE CL-197TD2-CD-T

LE-382 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
D41	6-501-355-01	s	DIODE CL-197TD2-CD-T
D42	6-501-355-01	s	DIODE CL-197TD2-CD-T
D43	6-501-355-01	s	DIODE CL-197TD2-CD-T
D44	6-501-355-01	s	DIODE CL-197TD2-CD-T
D45	6-501-355-01	s	DIODE CL-197TD2-CD-T
D46	6-501-355-01	s	DIODE CL-197TD2-CD-T
D47	6-501-355-01	s	DIODE CL-197TD2-CD-T
D48	6-501-355-01	s	DIODE CL-197TD2-CD-T
D49	6-501-355-01	s	DIODE CL-197TD2-CD-T
D50	6-501-355-01	s	DIODE CL-197TD2-CD-T
D51	6-501-355-01	s	DIODE CL-197TD2-CD-T
D52	6-501-355-01	s	DIODE CL-197TD2-CD-T
D53	6-501-355-01	s	DIODE CL-197TD2-CD-T
D54	6-501-355-01	s	DIODE CL-197TD2-CD-T
D55	6-501-355-01	s	DIODE CL-197TD2-CD-T
D56	6-501-355-01	s	DIODE CL-197TD2-CD-T
D57	6-501-355-01	s	DIODE CL-197TD2-CD-T
D58	6-501-355-01	s	DIODE CL-197TD2-CD-T
D59	6-501-355-01	s	DIODE CL-197TD2-CD-T
D60	6-501-355-01	s	DIODE CL-197TD2-CD-T
D61	6-501-355-01	s	DIODE CL-197TD2-CD-T
D62	6-501-355-01	s	DIODE CL-197TD2-CD-T
D63	6-501-355-01	s	DIODE CL-197TD2-CD-T
D64	6-501-355-01	s	DIODE CL-197TD2-CD-T
D65	6-501-355-01	s	DIODE CL-197TD2-CD-T
D66	6-501-355-01	s	DIODE CL-197TD2-CD-T
D67	6-501-355-01	s	DIODE CL-197TD2-CD-T
D68	6-501-355-01	s	DIODE CL-197TD2-CD-T
D69	6-501-355-01	s	DIODE CL-197TD2-CD-T
D70	6-501-355-01	s	DIODE CL-197TD2-CD-T
D71	6-501-355-01	s	DIODE CL-197TD2-CD-T
D72	6-501-355-01	s	DIODE CL-197TD2-CD-T
D73	6-501-355-01	s	DIODE CL-197TD2-CD-T
D74	6-501-355-01	s	DIODE CL-197TD2-CD-T
D75	6-501-355-01	s	DIODE CL-197TD2-CD-T
D76	6-501-355-01	s	DIODE CL-197TD2-CD-T
D77	6-501-355-01	s	DIODE CL-197TD2-CD-T
D78	6-501-355-01	s	DIODE CL-197TD2-CD-T
D79	6-501-355-01	s	DIODE CL-197TD2-CD-T
D80	6-501-355-01	s	DIODE CL-197TD2-CD-T
D81	6-501-355-01	s	DIODE CL-197TD2-CD-T
D82	6-501-355-01	s	DIODE CL-197TD2-CD-T
D83	6-501-355-01	s	DIODE CL-197TD2-CD-T
D84	6-501-355-01	s	DIODE CL-197TD2-CD-T
D85	6-501-355-01	s	DIODE CL-197TD2-CD-T
D86	6-501-355-01	s	DIODE CL-197TD2-CD-T
D87	6-501-355-01	s	DIODE CL-197TD2-CD-T
D88	6-501-355-01	s	DIODE CL-197TD2-CD-T
D89	6-501-355-01	s	DIODE CL-197TD2-CD-T
D90	6-501-355-01	s	DIODE CL-197TD2-CD-T
D91	6-501-355-01	s	DIODE CL-197TD2-CD-T
D92	6-501-355-01	s	DIODE CL-197TD2-CD-T
D93	6-501-355-01	s	DIODE CL-197TD2-CD-T
D94	6-501-355-01	s	DIODE CL-197TD2-CD-T
D95	6-501-355-01	s	DIODE CL-197TD2-CD-T
D96	6-501-355-01	s	DIODE CL-197TD2-CD-T
D97	6-501-355-01	s	DIODE CL-197TD2-CD-T
D98	6-501-355-01	s	DIODE CL-197TD2-CD-T
D99	6-501-355-01	s	DIODE CL-197TD2-CD-T
D100	6-501-355-01	s	DIODE CL-197TD2-CD-T
D101	6-501-355-01	s	DIODE CL-197TD2-CD-T
D102	6-501-355-01	s	DIODE CL-197TD2-CD-T
D103	6-501-355-01	s	DIODE CL-197TD2-CD-T
D104	6-501-355-01	s	DIODE CL-197TD2-CD-T
D105	6-501-355-01	s	DIODE CL-197TD2-CD-T

LE-382 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
D106	6-501-355-01	s	DIODE CL-197TD2-CD-T
D107	6-501-355-01	s	DIODE CL-197TD2-CD-T
D108	6-501-355-01	s	DIODE CL-197TD2-CD-T
D109	6-501-355-01	s	DIODE CL-197TD2-CD-T
D110	6-501-355-01	s	DIODE CL-197TD2-CD-T
D111	6-501-355-01	s	DIODE CL-197TD2-CD-T
D112	6-501-355-01	s	DIODE CL-197TD2-CD-T
D113	6-501-355-01	s	DIODE CL-197TD2-CD-T
D114	6-501-355-01	s	DIODE CL-197TD2-CD-T
D115	6-501-355-01	s	DIODE CL-197TD2-CD-T
D116	6-501-355-01	s	DIODE CL-197TD2-CD-T
D117	6-501-355-01	s	DIODE CL-197TD2-CD-T
D118	6-501-355-01	s	DIODE CL-197TD2-CD-T
D119	6-501-355-01	s	DIODE CL-197TD2-CD-T
D120	6-501-355-01	s	DIODE CL-197TD2-CD-T
D121	6-501-355-01	s	DIODE CL-197TD2-CD-T
D122	6-501-355-01	s	DIODE CL-197TD2-CD-T
D123	6-501-355-01	s	DIODE CL-197TD2-CD-T
D124	6-501-355-01	s	DIODE CL-197TD2-CD-T
D125	6-501-355-01	s	DIODE CL-197TD2-CD-T
D126	6-501-355-01	s	DIODE CL-197TD2-CD-T
D127	6-501-355-01	s	DIODE CL-197TD2-CD-T
D128	6-501-355-01	s	DIODE CL-197TD2-CD-T
D129	6-501-355-01	s	DIODE CL-197TD2-CD-T
D130	6-501-355-01	s	DIODE CL-197TD2-CD-T
D131	6-501-355-01	s	DIODE CL-197TD2-CD-T
D132	6-501-355-01	s	DIODE CL-197TD2-CD-T
D133	6-501-355-01	s	DIODE CL-197TD2-CD-T
D134	6-501-355-01	s	DIODE CL-197TD2-CD-T
D135	6-501-355-01	s	DIODE CL-197TD2-CD-T
D136	6-501-355-01	s	DIODE CL-197TD2-CD-T
D137	6-501-355-01	s	DIODE CL-197TD2-CD-T
D138	6-501-355-01	s	DIODE CL-197TD2-CD-T
D139	6-501-355-01	s	DIODE CL-197TD2-CD-T
D140	6-501-355-01	s	DIODE CL-197TD2-CD-T
D141	6-501-355-01	s	DIODE CL-197TD2-CD-T
D142	6-501-355-01	s	DIODE CL-197TD2-CD-T
D143	6-501-355-01	s	DIODE CL-197TD2-CD-T
D144	6-501-355-01	s	DIODE CL-197TD2-CD-T
D145	6-501-355-01	s	DIODE CL-197TD2-CD-T
D146	6-501-355-01	s	DIODE CL-197TD2-CD-T
D147	6-501-355-01	s	DIODE CL-197TD2-CD-T
D148	6-501-355-01	s	DIODE CL-197TD2-CD-T
D149	6-501-355-01	s	DIODE CL-197TD2-CD-T
D150	6-501-355-01	s	DIODE CL-197TD2-CD-T
D151	6-501-355-01	s	DIODE CL-197TD2-CD-T
D152	6-501-355-01	s	DIODE CL-197TD2-CD-T
D153	6-501-355-01	s	DIODE CL-197TD2-CD-T
D154	6-501-355-01	s	DIODE CL-197TD2-CD-T
D155	6-501-355-01	s	DIODE CL-197TD2-CD-T
D156	6-501-355-01	s	DIODE CL-197TD2-CD-T
D157	6-501-355-01	s	DIODE CL-197TD2-CD-T
D158	6-501-355-01	s	DIODE CL-197TD2-CD-T
D159	6-501-355-01	s	DIODE CL-197TD2-CD-T
D160	6-501-355-01	s	DIODE CL-197TD2-CD-T
D161	6-501-355-01	s	DIODE CL-197TD2-CD-T
D162	6-501-355-01	s	DIODE CL-197TD2-CD-T
D163	6-501-355-01	s	DIODE CL-197TD2-CD-T
D164	6-501-355-01	s	DIODE CL-197TD2-CD-T
D165	6-501-355-01	s	DIODE CL-197TD2-CD-T
D166	6-501-355-01	s	DIODE CL-197TD2-CD-T
D167	6-501-355-01	s	DIODE CL-197TD2-CD-T
D168	6-501-355-01	s	DIODE CL-197TD2-CD-T
D169	6-501-355-01	s	DIODE CL-197TD2-CD-T
D170	6-501-355-01	s	DIODE CL-197TD2-CD-T

LE-382 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
D171	6-501-355-01	s	DIODE CL-197TD2-CD-T
D172	6-501-355-01	s	DIODE CL-197TD2-CD-T
D173	6-501-355-01	s	DIODE CL-197TD2-CD-T
D174	6-501-355-01	s	DIODE CL-197TD2-CD-T
D175	6-501-355-01	s	DIODE CL-197TD2-CD-T
D176	6-501-355-01	s	DIODE CL-197TD2-CD-T
D177	6-501-355-01	s	DIODE CL-197TD2-CD-T
D178	6-501-355-01	s	DIODE CL-197TD2-CD-T
D179	6-501-355-01	s	DIODE CL-197TD2-CD-T
D180	6-501-355-01	s	DIODE CL-197TD2-CD-T
D181	6-501-355-01	s	DIODE CL-197TD2-CD-T
D182	6-501-355-01	s	DIODE CL-197TD2-CD-T
D183	6-501-355-01	s	DIODE CL-197TD2-CD-T
D184	6-501-355-01	s	DIODE CL-197TD2-CD-T
D185	6-501-355-01	s	DIODE CL-197TD2-CD-T
D186	6-501-355-01	s	DIODE CL-197TD2-CD-T
D187	6-501-355-01	s	DIODE CL-197TD2-CD-T
D188	6-501-355-01	s	DIODE CL-197TD2-CD-T
D189	6-501-355-01	s	DIODE CL-197TD2-CD-T
D190	6-501-355-01	s	DIODE CL-197TD2-CD-T
D191	6-501-355-01	s	DIODE CL-197TD2-CD-T
D192	6-501-355-01	s	DIODE CL-197TD2-CD-T
D193	6-501-355-01	s	DIODE CL-197TD2-CD-T
D194	6-501-355-01	s	DIODE CL-197TD2-CD-T
D195	6-501-355-01	s	DIODE CL-197TD2-CD-T
D196	6-501-355-01	s	DIODE CL-197TD2-CD-T
D197	6-501-355-01	s	DIODE CL-197TD2-CD-T
D198	6-501-355-01	s	DIODE CL-197TD2-CD-T
D199	6-501-355-01	s	DIODE CL-197TD2-CD-T
D200	6-501-355-01	s	DIODE CL-197TD2-CD-T
D201	6-501-355-01	s	DIODE CL-197TD2-CD-T
D202	6-501-355-01	s	DIODE CL-197TD2-CD-T
D203	6-501-355-01	s	DIODE CL-197TD2-CD-T
D204	6-501-355-01	s	DIODE CL-197TD2-CD-T
D205	6-501-355-01	s	DIODE CL-197TD2-CD-T
D206	6-501-355-01	s	DIODE CL-197TD2-CD-T
D207	6-501-355-01	s	DIODE CL-197TD2-CD-T
D208	6-501-355-01	s	DIODE CL-197TD2-CD-T
D209	6-501-355-01	s	DIODE CL-197TD2-CD-T
D210	6-501-355-01	s	DIODE CL-197TD2-CD-T
D211	6-501-355-01	s	DIODE CL-197TD2-CD-T
D212	6-501-355-01	s	DIODE CL-197TD2-CD-T
D213	6-501-355-01	s	DIODE CL-197TD2-CD-T
D214	6-501-355-01	s	DIODE CL-197TD2-CD-T
D215	6-501-355-01	s	DIODE CL-197TD2-CD-T
D216	6-501-355-01	s	DIODE CL-197TD2-CD-T
D217	6-501-355-01	s	DIODE CL-197TD2-CD-T
D218	6-501-355-01	s	DIODE CL-197TD2-CD-T
D219	6-501-355-01	s	DIODE CL-197TD2-CD-T
D220	6-501-355-01	s	DIODE CL-197TD2-CD-T
D221	6-501-355-01	s	DIODE CL-197TD2-CD-T
D222	6-501-355-01	s	DIODE CL-197TD2-CD-T
D223	6-501-355-01	s	DIODE CL-197TD2-CD-T
D224	6-501-355-01	s	DIODE CL-197TD2-CD-T
D225	6-501-355-01	s	DIODE CL-197TD2-CD-T
D226	6-501-355-01	s	DIODE CL-197TD2-CD-T
D227	6-501-355-01	s	DIODE CL-197TD2-CD-T
D228	6-501-355-01	s	DIODE CL-197TD2-CD-T
D229	6-501-355-01	s	DIODE CL-197TD2-CD-T
D230	6-501-355-01	s	DIODE CL-197TD2-CD-T
D231	6-501-355-01	s	DIODE CL-197TD2-CD-T
D232	6-501-355-01	s	DIODE CL-197TD2-CD-T
D233	6-501-355-01	s	DIODE CL-197TD2-CD-T
D234	6-501-355-01	s	DIODE CL-197TD2-CD-T
D235	6-501-355-01	s	DIODE CL-197TD2-CD-T

LE-382 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
D236	6-501-355-01	s	DIODE CL-197TD2-CD-T
D237	6-501-355-01	s	DIODE CL-197TD2-CD-T
D238	6-501-355-01	s	DIODE CL-197TD2-CD-T
D239	6-501-355-01	s	DIODE CL-197TD2-CD-T
D240	6-501-355-01	s	DIODE CL-197TD2-CD-T
D241	6-501-355-01	s	DIODE CL-197TD2-CD-T
D242	6-501-355-01	s	DIODE CL-197TD2-CD-T
D243	6-501-355-01	s	DIODE CL-197TD2-CD-T
D244	6-501-355-01	s	DIODE CL-197TD2-CD-T
D245	6-501-355-01	s	DIODE CL-197TD2-CD-T
D246	6-501-355-01	s	DIODE CL-197TD2-CD-T
D247	6-501-355-01	s	DIODE CL-197TD2-CD-T
D248	6-501-355-01	s	DIODE CL-197TD2-CD-T
D249	6-501-355-01	s	DIODE CL-197TD2-CD-T
D250	6-501-355-01	s	DIODE CL-197TD2-CD-T
D251	6-501-355-01	s	DIODE CL-197TD2-CD-T
D252	6-501-355-01	s	DIODE CL-197TD2-CD-T
D253	6-501-355-01	s	DIODE CL-197TD2-CD-T
D254	6-501-355-01	s	DIODE CL-197TD2-CD-T
D255	6-501-355-01	s	DIODE CL-197TD2-CD-T
D256	6-501-355-01	s	DIODE CL-197TD2-CD-T

MB-1185 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-430-A	s	MOUNTED CIRCUIT BOARD, MB-1185
6pcs	3-729-061-02	s	SCREW (M2) (TYPE 1)
C4	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C23	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C26	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C29	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C30	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C31	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C32	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C33	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C34	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C35	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C38	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C39	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C52	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C53	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
CN1	1-793-807-21	o	PIN, CONNECTOR (WITH PWB) 20P
CN100	1-779-772-21	s	CONNECTOR 13P
CN201	1-784-254-21	s	CONNECTOR 10P
CN601	1-580-544-11	s	PIN, CONNECTOR (PC BOARD) 30P
CN602	1-793-807-21	o	PIN, CONNECTOR (WITH PWB) 20P
ET1	1-780-925-11	s	TERMINAL, LUG
ET2	1-780-925-11	s	TERMINAL, LUG
ET3	1-780-925-11	s	TERMINAL, LUG
IC2	6-710-020-01	s	IC CAT24C08WI-GT3
IC21	6-713-118-01	s	IC PCA9554BS-T
IC22	6-713-118-01	s	IC PCA9554BS-T
IC23	8-759-675-54	s	IC TC7W53FK(TE85R)
IC24	8-759-337-40	s	IC NJM2904V(TE2)
IC25	8-759-675-54	s	IC TC7W53FK(TE85R)
L1	1-457-372-21	s	COIL, CHOKE 1UH
L2	1-457-372-21	s	COIL, CHOKE 1UH
L3	1-457-372-21	s	COIL, CHOKE 1UH
L4	1-457-372-21	s	COIL, CHOKE 1UH
L5	1-457-372-21	s	COIL, CHOKE 1UH

MB-1185 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
L6	1-457-372-21	s	COIL, CHOKE 1UH
L7	1-457-372-21	s	COIL, CHOKE 1UH
L8	1-457-372-21	s	COIL, CHOKE 1UH
L9	1-457-372-21	s	COIL, CHOKE 1UH
Q21	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q22	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q23	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q24	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q25	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q26	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q27	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q28	8-729-929-09	s	TRANSISTOR DTC123JE-TL
R3	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R21	1-208-855-81	s	RES, CHIP 47 (1005)
R22	1-208-855-81	s	RES, CHIP 47 (1005)
R25	1-208-927-81	s	RES, CHIP 47K (1005)
R26	1-208-927-81	s	RES, CHIP 47K (1005)
R27	1-208-855-81	s	RES, CHIP 47 (1005)
R28	1-208-855-81	s	RES, CHIP 47 (1005)
R29	1-208-855-81	s	RES, CHIP 47 (1005)
R30	1-208-919-81	s	RES, CHIP 22K (1005)
R31	1-208-919-81	s	RES, CHIP 22K (1005)
R32	1-208-919-81	s	RES, CHIP 22K (1005)
R33	1-208-855-81	s	RES, CHIP 47 (1005)
R34	1-208-855-81	s	RES, CHIP 47 (1005)
R37	1-208-927-81	s	RES, CHIP 47K (1005)
R38	1-208-927-81	s	RES, CHIP 47K (1005)
R39	1-208-855-81	s	RES, CHIP 47 (1005)
R40	1-208-927-81	s	RES, CHIP 47K (1005)
R41	1-208-923-81	s	RES, CHIP 33K (1005)
R42	1-208-919-81	s	RES, CHIP 22K (1005)
R43	1-208-855-81	s	RES, CHIP 47 (1005)
R44	1-208-855-81	s	RES, CHIP 47 (1005)
R45	1-208-927-81	s	RES, CHIP 47K (1005)
R46	1-208-855-81	s	RES, CHIP 47 (1005)
R47	1-208-855-81	s	RES, CHIP 47 (1005)
R48	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R50	1-218-990-81	s	CONDUCTOR, CHIP (1005)
RB21	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB22	1-234-372-21	s	RES, NETWORK 100 (1005X4)
THP11 ⚠	1-803-615-21	s	THERMISTOR, POSITIVE

PA-388 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1860-214-A	s	MOUNTED CIRCUIT BOARD, PA-388
C1	1-116-346-11	s	CAP, ELECT 47MF 105
C5	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C6	1-164-860-81	s	CAP, CHIP CERAMIC 27PF CH 1005
C7	1-100-670-91	s	CAP, CERAMIC 4.7MF C (2012)
C8	1-164-862-81	s	CAP, CHIP CERAMIC 33PF CH 1005
C9	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C10	1-164-860-81	s	CAP, CHIP CERAMIC 27PF CH 1005
C11	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C12	1-164-862-81	s	CAP, CHIP CERAMIC 33PF CH 1005
C13	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C16	1-100-503-91	s	CAP, CERAMIC 4.7MF C (2012)
C17	1-100-503-91	s	CAP, CERAMIC 4.7MF C (2012)
C18	1-100-503-91	s	CAP, CERAMIC 4.7MF C (2012)
C19	1-100-503-91	s	CAP, CERAMIC 4.7MF C (2012)

PA-388 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C20	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C22	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C23	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C24	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C25	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C26	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C27	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C28	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C29	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C30	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C31	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C33	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C34	1-116-486-21	s	CAP, CHIP CERAMIC 47MF B 3225
C35	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C36	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C37	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C38	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C39	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C40	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C41	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C44	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C45	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C46	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C47	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C48	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C49	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C50	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C51	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C54	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C55	1-114-728-91	o	CAP, CERAMIC 22MF B 3216
C56	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C57	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C58	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C59	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C66	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C71	1-164-860-81	s	CAP, CHIP CERAMIC 27PF CH 1005
C72	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C73	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C74	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C75	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C76	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C77	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C78	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C79	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C80	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C104	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C105	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C106	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C110	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C111	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C112	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C113	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C118	1-100-966-91	s	CAP, CERAMIC 10MF C (2012)
C119	1-100-966-91	s	CAP, CERAMIC 10MF C (2012)
C120	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C121	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C122	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C123	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C124	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C125	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C126	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C127	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C128	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C129	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C130	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C131	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C132	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C133	1-116-340-11	s	CAP, ELECT 22MF 105
C134	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C135	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C136	1-116-340-11	s	CAP, ELECT 22MF 105
C137	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C138	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C139	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C142	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C143	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C144	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C145	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C146	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C147	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C148	1-116-340-11	s	CAP, ELECT 22MF 105
C149	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C150	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C151	1-116-340-11	s	CAP, ELECT 22MF 105
C152	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C153	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C154	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C155	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C156	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C157	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C160	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
CN1	1-778-652-31	s	CONNECTOR, FFC (ZIF) 50P
CN2	1-778-652-31	s	CONNECTOR, FFC (ZIF) 50P
D1	8-719-210-46	s	DIODE EC10QS-06-TE12L
D3	6-503-363-01	s	DI DB2S31400K8
D4	6-503-363-01	s	DI DB2S31400K8
D5	6-503-316-01	s	DI DA3J103E0L
D6	6-503-316-01	s	DI DA3J103E0L
D8	8-719-056-48	s	DI 1SS388
D9	8-719-056-48	s	DI 1SS388
FB1	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB2	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB3	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB4	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB5	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB6	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
IC1	8-759-346-27	s	IC LM45BIM3X
IC2	8-759-523-35	s	IC TC74ACT02FT(EL)
IC3	8-759-086-98	s	IC TC74ACT04F-EL
IC5	8-759-523-36	s	IC TC74ACT04FT(EL)
IC6	8-759-523-39	s	IC TC74ACT32FT(EL)
IC101	6-706-863-01	s	IC LMH6732MFX/NOPB
IC102	6-706-863-01	s	IC LMH6732MFX/NOPB
IC104	8-753-240-64	s	IC CXA3647CR-T4
IC105	8-753-240-64	s	IC CXA3647CR-T4
L1	1-412-927-21	s	INDUCTOR 0.10UH (2520)
L2	1-412-927-21	s	INDUCTOR 0.10UH (2520)
L3	1-412-935-21	s	INDUCTOR 0.47UH (2520)
L101	1-469-551-21	s	INDUCTOR, CHIP 2.2UH (LB2016)
L102	1-469-551-21	s	INDUCTOR, CHIP 2.2UH (LB2016)
Q1	8-729-015-48	s	TRANSISTOR 2SK1062(TE85L)
Q12	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q13	8-729-140-67	s	TRANSISTOR 2SC4177-T1L5L6
Q14	8-729-053-11	s	TRANSISTOR FDC6561AN
R1	1-208-855-81	s	RES, CHIP 47 (1005)
R2	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5	1-218-990-81	s	CONDUCTOR, CHIP (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R6	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R8	1-208-935-81	s	RES, CHIP 100K (1005)
R9	1-208-911-81	s	RES, CHIP 10K (1005)
R10	1-208-911-81	s	RES, CHIP 10K (1005)
R11	1-208-907-81	s	RES, CHIP 6.8K (1005)
R12	1-208-895-81	s	RES, CHIP 2.2K (1005)
R17	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R18	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R19	1-208-919-81	s	RES, CHIP 22K (1005)
R20	1-208-911-81	s	RES, CHIP 10K (1005)
R21	1-208-935-81	s	RES, CHIP 100K (1005)
R22	1-208-935-81	s	RES, CHIP 100K (1005)
R23	1-208-959-81	s	RES, CHIP 1M (1005)
R24	1-208-863-81	s	RES, CHIP 100 (1005)
R25	1-208-959-81	s	RES, CHIP 1M (1005)
R26	1-208-855-81	s	RES, CHIP 47 (1005)
R27	1-208-887-81	s	RES, CHIP 1.0K (1005)
R28	1-208-887-81	s	RES, CHIP 1.0K (1005)
R29	1-208-919-81	s	RES, CHIP 22K (1005)
R30	1-208-911-81	s	RES, CHIP 10K (1005)
R31	1-208-887-81	s	RES, CHIP 1.0K (1005)
R32	1-208-911-81	s	RES, CHIP 10K (1005)
R33	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R37	1-208-935-81	s	RES, CHIP 100K (1005)
R40	1-220-878-81	s	RES, CHIP 22 (1005)
R41	1-220-878-81	s	RES, CHIP 22 (1005)
R46	1-208-931-81	s	RES, CHIP 68K (1005)
R47	1-208-931-81	s	RES, CHIP 68K (1005)
R53	1-220-878-81	s	RES, CHIP 22 (1005)
R54	1-220-878-81	s	RES, CHIP 22 (1005)
R56	1-220-878-81	s	RES, CHIP 22 (1005)
R63	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R66	1-208-927-81	s	RES, CHIP 47K (1005)
R67	1-208-927-81	s	RES, CHIP 47K (1005)
R70	1-208-927-81	s	RES, CHIP 47K (1005)
R74	1-208-871-81	s	RES, CHIP 220 (1005)
R75	1-208-871-81	s	RES, CHIP 220 (1005)
R79	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R80	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R82	1-208-911-81	s	RES, CHIP 10K (1005)
R83	1-208-911-81	s	RES, CHIP 10K (1005)
R84	1-208-935-81	s	RES, CHIP 100K (1005)
R85	1-208-935-81	s	RES, CHIP 100K (1005)
R86	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R87	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R88	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R89	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R90	1-208-871-81	s	RES, CHIP 220 (1005)
R91	1-208-871-81	s	RES, CHIP 220 (1005)
R92	1-208-871-81	s	RES, CHIP 220 (1005)
R93	1-208-871-81	s	RES, CHIP 220 (1005)
R101	1-208-867-81	s	RES, CHIP 150 (1005)
R104	1-208-875-81	s	RES, CHIP 330 (1005)
R107	1-208-863-81	s	RES, CHIP 100 (1005)
R108	1-208-903-81	s	RES, CHIP 4.7K (1005)
R109	1-208-883-81	s	RES, CHIP 680 (1005)
R110	1-208-931-81	s	RES, CHIP 68K (1005)
R111	1-208-859-81	s	RES, CHIP 68 (1005)
R112	1-208-867-81	s	RES, CHIP 150 (1005)
R117	1-208-863-81	s	RES, CHIP 100 (1005)
R118	1-208-903-81	s	RES, CHIP 4.7K (1005)
R119	1-208-883-81	s	RES, CHIP 680 (1005)
R130	1-208-931-81	s	RES, CHIP 68K (1005)
R131	1-208-859-81	s	RES, CHIP 68 (1005)
R132	1-208-867-81	s	RES, CHIP 150 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R152	1-208-919-81	s	RES, CHIP 22K (1005)
R161	1-208-919-81	s	RES, CHIP 22K (1005)
R162	1-208-899-81	s	RES, CHIP 3.3K (1005)
R163	1-208-899-81	s	RES, CHIP 3.3K (1005)
R164	1-208-903-81	s	RES, CHIP 4.7K (1005)
R165	1-208-887-81	s	RES, CHIP 1.0K (1005)
R166	1-208-903-81	s	RES, CHIP 4.7K (1005)
R167	1-208-887-81	s	RES, CHIP 1.0K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1860-215-A	s	MOUNTED CIRCUIT BOARD, PA-389
C1	1-116-346-11	s	CAP, ELECT 47MF 105
C5	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C6	1-164-860-81	s	CAP, CHIP CERAMIC 27PF CH 1005
C7	1-100-670-91	s	CAP, CERAMIC 4.7MF C (2012)
C8	1-164-862-81	s	CAP, CHIP CERAMIC 33PF CH 1005
C9	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C10	1-164-860-81	s	CAP, CHIP CERAMIC 27PF CH 1005
C11	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C12	1-164-862-81	s	CAP, CHIP CERAMIC 33PF CH 1005
C13	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C16	1-100-503-91	s	CAP, CERAMIC 4.7MF C (2012)
C17	1-100-503-91	s	CAP, CERAMIC 4.7MF C (2012)
C18	1-100-503-91	s	CAP, CERAMIC 4.7MF C (2012)
C19	1-100-503-91	s	CAP, CERAMIC 4.7MF C (2012)
C20	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C22	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C23	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C24	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C25	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C26	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C27	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C28	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C29	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C30	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C31	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C33	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C34	1-116-486-21	s	CAP, CHIP CERAMIC 47MF B 3225
C35	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C36	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C37	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C38	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C39	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C40	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C41	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C44	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C45	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C46	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C47	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C48	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C49	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C50	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C51	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C54	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C55	1-114-728-91	o	CAP, CERAMIC 22MF B 3216
C56	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C57	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C58	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C59	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C66	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C71	1-164-860-81	s	CAP, CHIP CERAMIC 27PF CH 1005
C72	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C73	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C74	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C75	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C76	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C77	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C78	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C79	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C80	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C104	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C105	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C106	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C110	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C111	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C112	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C113	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C118	1-100-966-91	s	CAP, CERAMIC 10MF C (2012)
C119	1-100-966-91	s	CAP, CERAMIC 10MF C (2012)
C120	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C121	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C122	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C123	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C124	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C125	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C126	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C127	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C128	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C129	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C130	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C131	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C132	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C133	1-116-340-11	s	CAP, ELECT 22MF 105
C134	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C135	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C136	1-116-340-11	s	CAP, ELECT 22MF 105
C137	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C138	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C139	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C142	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C143	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C144	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C145	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C146	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C147	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C148	1-116-340-11	s	CAP, ELECT 22MF 105
C149	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C150	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C151	1-116-340-11	s	CAP, ELECT 22MF 105
C152	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C153	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C154	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C155	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C156	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C157	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C160	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
CN1	1-778-652-31	s	CONNECTOR, FFC (ZIF) 50P
CN2	1-778-652-31	s	CONNECTOR, FFC (ZIF) 50P
D1	8-719-210-46	s	DIODE EC10QS-06-TE12L
D3	6-503-363-01	s	DI DB2S31400K8
D4	6-503-363-01	s	DI DB2S31400K8
D5	6-503-316-01	s	DI DA3J103E0L
D6	6-503-316-01	s	DI DA3J103E0L

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Ref. No. or Q'ty	Part No.	SP	Description
D8	8-719-056-48	s	DI 1SS388
D9	8-719-056-48	s	DI 1SS388
FB1	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB2	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB3	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB4	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB5	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB6	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
IC1	8-759-346-27	s	IC LM45BIM3X
IC2	8-759-523-35	s	IC TC74ACT02FT(EL)
IC3	8-759-086-98	s	IC TC74ACT04F-EL
IC5	8-759-523-36	s	IC TC74ACT04FT(EL)
IC6	8-759-523-39	s	IC TC74ACT32FT(EL)
IC101	6-706-863-01	s	IC LMH6732MFX/NOPB
IC102	6-706-863-01	s	IC LMH6732MFX/NOPB
IC104	8-753-240-64	s	IC CXA3647CR-T4
IC105	8-753-240-64	s	IC CXA3647CR-T4
L1	1-412-927-21	s	INDUCTOR 0.10UH (2520)
L2	1-412-927-21	s	INDUCTOR 0.10UH (2520)
L3	1-412-935-21	s	INDUCTOR 0.47UH (2520)
L101	1-469-551-21	s	INDUCTOR, CHIP 2.2UH (LB2016)
L102	1-469-551-21	s	INDUCTOR, CHIP 2.2UH (LB2016)
Q1	8-729-015-48	s	TRANSISTOR 2SK1062(TE85L)
Q12	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q13	8-729-140-67	s	TRANSISTOR 2SC4177-T1L5L6
Q14	8-729-053-11	s	TRANSISTOR FDC6561AN
R1	1-208-855-81	s	RES, CHIP 47 (1005)
R2	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R6	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R8	1-208-935-81	s	RES, CHIP 100K (1005)
R9	1-208-911-81	s	RES, CHIP 10K (1005)
R10	1-208-911-81	s	RES, CHIP 10K (1005)
R11	1-208-907-81	s	RES, CHIP 6.8K (1005)
R12	1-208-895-81	s	RES, CHIP 2.2K (1005)
R17	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R18	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R19	1-208-919-81	s	RES, CHIP 22K (1005)
R20	1-208-911-81	s	RES, CHIP 10K (1005)
R21	1-208-935-81	s	RES, CHIP 100K (1005)
R22	1-208-935-81	s	RES, CHIP 100K (1005)
R23	1-208-959-81	s	RES, CHIP 1M (1005)
R24	1-208-863-81	s	RES, CHIP 100 (1005)
R25	1-208-959-81	s	RES, CHIP 1M (1005)
R26	1-208-855-81	s	RES, CHIP 47 (1005)
R27	1-208-887-81	s	RES, CHIP 1.0K (1005)
R28	1-208-887-81	s	RES, CHIP 1.0K (1005)
R29	1-208-919-81	s	RES, CHIP 22K (1005)
R30	1-208-911-81	s	RES, CHIP 10K (1005)
R31	1-208-887-81	s	RES, CHIP 1.0K (1005)
R32	1-208-911-81	s	RES, CHIP 10K (1005)
R33	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R37	1-208-935-81	s	RES, CHIP 100K (1005)
R40	1-220-878-81	s	RES, CHIP 22 (1005)
R41	1-220-878-81	s	RES, CHIP 22 (1005)
R46	1-208-931-81	s	RES, CHIP 68K (1005)
R47	1-208-931-81	s	RES, CHIP 68K (1005)
R53	1-220-878-81	s	RES, CHIP 22 (1005)
R54	1-220-878-81	s	RES, CHIP 22 (1005)
R56	1-220-878-81	s	RES, CHIP 22 (1005)
R63	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R66	1-208-927-81	s	RES, CHIP 47K (1005)
R67	1-208-927-81	s	RES, CHIP 47K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R70	1-208-927-81	s	RES, CHIP 47K (1005)
R74	1-208-871-81	s	RES, CHIP 220 (1005)
R75	1-208-871-81	s	RES, CHIP 220 (1005)
R79	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R80	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R82	1-208-911-81	s	RES, CHIP 10K (1005)
R83	1-208-911-81	s	RES, CHIP 10K (1005)
R84	1-208-935-81	s	RES, CHIP 100K (1005)
R85	1-208-935-81	s	RES, CHIP 100K (1005)
R86	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R87	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R88	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R89	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R90	1-208-871-81	s	RES, CHIP 220 (1005)
R91	1-208-871-81	s	RES, CHIP 220 (1005)
R92	1-208-871-81	s	RES, CHIP 220 (1005)
R93	1-208-871-81	s	RES, CHIP 220 (1005)
R101	1-208-867-81	s	RES, CHIP 150 (1005)
R104	1-208-875-81	s	RES, CHIP 330 (1005)
R107	1-208-863-81	s	RES, CHIP 100 (1005)
R108	1-208-903-81	s	RES, CHIP 4.7K (1005)
R109	1-208-883-81	s	RES, CHIP 680 (1005)
R110	1-208-931-81	s	RES, CHIP 68K (1005)
R111	1-208-859-81	s	RES, CHIP 68 (1005)
R112	1-208-867-81	s	RES, CHIP 150 (1005)
R117	1-208-863-81	s	RES, CHIP 100 (1005)
R118	1-208-903-81	s	RES, CHIP 4.7K (1005)
R119	1-208-883-81	s	RES, CHIP 680 (1005)
R130	1-208-931-81	s	RES, CHIP 68K (1005)
R131	1-208-859-81	s	RES, CHIP 68 (1005)
R132	1-208-867-81	s	RES, CHIP 150 (1005)
R152	1-208-919-81	s	RES, CHIP 22K (1005)
R161	1-208-919-81	s	RES, CHIP 22K (1005)
R162	1-208-899-81	s	RES, CHIP 3.3K (1005)
R163	1-208-899-81	s	RES, CHIP 3.3K (1005)
R164	1-208-903-81	s	RES, CHIP 4.7K (1005)
R165	1-208-887-81	s	RES, CHIP 1.0K (1005)
R166	1-208-903-81	s	RES, CHIP 4.7K (1005)
R167	1-208-887-81	s	RES, CHIP 1.0K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1860-216-A	s	MOUNTED CIRCUIT BOARD, PA-390
C1	1-116-346-11	s	CAP, ELECT 47MF 105
C5	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C6	1-164-860-81	s	CAP, CHIP CERAMIC 27PF CH 1005
C7	1-100-670-91	s	CAP, CERAMIC 4.7MF C (2012)
C8	1-164-862-81	s	CAP, CHIP CERAMIC 33PF CH 1005
C9	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C10	1-164-860-81	s	CAP, CHIP CERAMIC 27PF CH 1005
C11	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C12	1-164-862-81	s	CAP, CHIP CERAMIC 33PF CH 1005
C13	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C16	1-100-503-91	s	CAP, CERAMIC 4.7MF C (2012)
C17	1-100-503-91	s	CAP, CERAMIC 4.7MF C (2012)
C18	1-100-503-91	s	CAP, CERAMIC 4.7MF C (2012)
C19	1-100-503-91	s	CAP, CERAMIC 4.7MF C (2012)
C20	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C22	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C23	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
C24	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C25	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C26	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C27	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C28	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C29	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C30	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C31	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C33	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C34	1-116-486-21	s	CAP, CHIP CERAMIC 47MF B 3225
C35	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C36	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C37	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C38	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C39	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C40	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C41	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C44	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C45	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C46	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C47	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C48	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C49	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C50	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C51	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C54	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C55	1-114-728-91	o	CAP, CERAMIC 22MF B 3216
C56	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C57	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C58	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C59	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C66	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C71	1-164-860-81	s	CAP, CHIP CERAMIC 27PF CH 1005
C72	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C73	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C74	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C75	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C76	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C77	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C78	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C79	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C80	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C104	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C105	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C106	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C110	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C111	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C112	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C113	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C118	1-100-966-91	s	CAP, CERAMIC 10MF C (2012)
C119	1-100-966-91	s	CAP, CERAMIC 10MF C (2012)
C120	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C121	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C122	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C123	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C124	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C125	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C126	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C127	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C128	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C129	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C130	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C131	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C132	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C133	1-116-340-11	s	CAP, ELECT 22MF 105

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Ref. No. or Q'ty	Part No.	SP	Description
C134	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C135	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C136	1-116-340-11	s	CAP, ELECT 22MF 105
C137	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C138	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C139	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C142	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C143	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C144	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C145	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C146	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C147	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C148	1-116-340-11	s	CAP, ELECT 22MF 105
C149	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C150	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C151	1-116-340-11	s	CAP, ELECT 22MF 105
C152	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C153	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C154	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C155	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C156	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C157	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C160	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
CN1	1-778-652-31	s	CONNECTOR, FFC (ZIF) 50P
CN2	1-778-652-31	s	CONNECTOR, FFC (ZIF) 50P
D1	8-719-210-46	s	DIODE EC10QS-06-TE12L
D3	6-503-363-01	s	DI DB2S31400K8
D4	6-503-363-01	s	DI DB2S31400K8
D5	6-503-316-01	s	DI DA3J103E0L
D6	6-503-316-01	s	DI DA3J103E0L
D7	8-719-056-48	s	DI 1SS388
D8	8-719-056-48	s	DI 1SS388
FB1	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB2	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB3	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB4	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB5	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB6	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
IC1	8-759-346-27	s	IC LM45BIM3X
IC2	8-759-523-35	s	IC TC74ACT02FT(EL)
IC3	8-759-086-98	s	IC TC74ACT04F-EL
IC5	8-759-523-36	s	IC TC74ACT04FT(EL)
IC6	8-759-523-39	s	IC TC74ACT32FT(EL)
IC101	6-706-863-01	s	IC LMH6732MFX/NOPB
IC102	6-706-863-01	s	IC LMH6732MFX/NOPB
IC104	8-753-240-64	s	IC CXA3647CR-T4
IC105	8-753-240-64	s	IC CXA3647CR-T4
L1	1-412-927-21	s	INDUCTOR 0.10UH (2520)
L2	1-412-927-21	s	INDUCTOR 0.10UH (2520)
L3	1-412-935-21	s	INDUCTOR 0.47UH (2520)
L101	1-469-551-21	s	INDUCTOR, CHIP 2.2UH (LB2016)
L102	1-469-551-21	s	INDUCTOR, CHIP 2.2UH (LB2016)
Q1	8-729-015-48	s	TRANSISTOR 2SK1062(TE85L)
Q12	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q13	8-729-140-67	s	TRANSISTOR 2SC4177-T1L5L6
Q14	8-729-053-11	s	TRANSISTOR FDC6561AN
R1	1-208-855-81	s	RES, CHIP 47 (1005)
R2	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R6	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R8	1-208-935-81	s	RES, CHIP 100K (1005)
R9	1-208-911-81	s	RES, CHIP 10K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R10	1-208-911-81	s	RES, CHIP 10K (1005)
R11	1-208-907-81	s	RES, CHIP 6.8K (1005)
R12	1-208-895-81	s	RES, CHIP 2.2K (1005)
R17	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R18	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R19	1-208-919-81	s	RES, CHIP 22K (1005)
R20	1-208-911-81	s	RES, CHIP 10K (1005)
R21	1-208-935-81	s	RES, CHIP 100K (1005)
R22	1-208-935-81	s	RES, CHIP 100K (1005)
R23	1-208-959-81	s	RES, CHIP 1M (1005)
R24	1-208-863-81	s	RES, CHIP 100 (1005)
R25	1-208-959-81	s	RES, CHIP 1M (1005)
R26	1-208-855-81	s	RES, CHIP 47 (1005)
R27	1-208-887-81	s	RES, CHIP 1.0K (1005)
R28	1-208-887-81	s	RES, CHIP 1.0K (1005)
R29	1-208-919-81	s	RES, CHIP 22K (1005)
R30	1-208-911-81	s	RES, CHIP 10K (1005)
R31	1-208-887-81	s	RES, CHIP 1.0K (1005)
R32	1-208-911-81	s	RES, CHIP 10K (1005)
R33	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R37	1-208-935-81	s	RES, CHIP 100K (1005)
R40	1-220-878-81	s	RES, CHIP 22 (1005)
R41	1-220-878-81	s	RES, CHIP 22 (1005)
R46	1-208-931-81	s	RES, CHIP 68K (1005)
R47	1-208-931-81	s	RES, CHIP 68K (1005)
R53	1-220-878-81	s	RES, CHIP 22 (1005)
R54	1-220-878-81	s	RES, CHIP 22 (1005)
R56	1-220-878-81	s	RES, CHIP 22 (1005)
R63	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R66	1-208-927-81	s	RES, CHIP 47K (1005)
R67	1-208-927-81	s	RES, CHIP 47K (1005)
R70	1-208-927-81	s	RES, CHIP 47K (1005)
R74	1-208-871-81	s	RES, CHIP 220 (1005)
R75	1-208-871-81	s	RES, CHIP 220 (1005)
R79	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R80	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R82	1-208-911-81	s	RES, CHIP 10K (1005)
R83	1-208-911-81	s	RES, CHIP 10K (1005)
R84	1-208-935-81	s	RES, CHIP 100K (1005)
R85	1-208-935-81	s	RES, CHIP 100K (1005)
R86	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R87	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R88	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R89	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R90	1-208-871-81	s	RES, CHIP 220 (1005)
R91	1-208-871-81	s	RES, CHIP 220 (1005)
R92	1-208-871-81	s	RES, CHIP 220 (1005)
R93	1-208-871-81	s	RES, CHIP 220 (1005)
R101	1-208-867-81	s	RES, CHIP 150 (1005)
R104	1-208-875-81	s	RES, CHIP 330 (1005)
R107	1-208-863-81	s	RES, CHIP 100 (1005)
R108	1-208-903-81	s	RES, CHIP 4.7K (1005)
R109	1-208-883-81	s	RES, CHIP 680 (1005)
R110	1-208-931-81	s	RES, CHIP 68K (1005)
R111	1-208-859-81	s	RES, CHIP 68 (1005)
R112	1-208-867-81	s	RES, CHIP 150 (1005)
R117	1-208-863-81	s	RES, CHIP 100 (1005)
R118	1-208-903-81	s	RES, CHIP 4.7K (1005)
R119	1-208-883-81	s	RES, CHIP 680 (1005)
R130	1-208-931-81	s	RES, CHIP 68K (1005)
R131	1-208-859-81	s	RES, CHIP 68 (1005)
R132	1-208-867-81	s	RES, CHIP 150 (1005)
R152	1-208-919-81	s	RES, CHIP 22K (1005)
R161	1-208-919-81	s	RES, CHIP 22K (1005)
R162	1-208-899-81	s	RES, CHIP 3.3K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R163	1-208-899-81	s	RES, CHIP 3.3K (1005)
R164	1-208-903-81	s	RES, CHIP 4.7K (1005)
R165	1-208-887-81	s	RES, CHIP 1.0K (1005)
R166	1-208-903-81	s	RES, CHIP 4.7K (1005)
R167	1-208-887-81	s	RES, CHIP 1.0K (1005)

PS-817A BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	4-191-647-01	s	HEATSINK(A80), DIODE
1pc	4-191-651-01	s	SHEET(A80-T2),DIODE THERMAL
1pc	4-191-653-01	s	SHEET(A80-T0.5), DIODE THERMAL
1pc	7-682-550-04	s	SCREW +B 3X12
C100	⚠ 1-100-862-11	s	CAP, FILM 0.22MF
C101	⚠ 1-100-862-11	s	CAP, FILM 0.22MF
C103	1-116-381-11	s	CAP, CERAMIC X7R 0.47MF
C104	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C200	1-116-381-11	s	CAP, CERAMIC X7R 0.47MF
C201	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C203	1-115-339-91	s	CAP, CERAMIC 0.1MF B (2012)
C204	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C205	1-100-591-91	s	CAP, CHIP CERAMIC 1MF B 2012
C206	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C207	1-116-174-11	s	CAP, CHIP ELECT 270MF(10X10.5)
C210	1-115-339-91	s	CAP, CERAMIC 0.1MF B (2012)
C211	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C212	1-114-503-21	s	CAP, CERAMIC 10MF C 5750
C213	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C214	1-118-164-11	s	CAP, CERAMIC 0.22MF X7R (5750)
C215	⚠ 1-116-445-11	s	CAP, ELECT 100MF
C217	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C219	1-115-412-91	s	CAP,CHIP CERAMIC 680PF CH 1608
C220	1-118-164-11	s	CAP, CERAMIC 0.22MF X7R (5750)
C221	1-127-715-91	s	CAP,CHIP CERAMIC 0.22MF B 1608
C222	1-114-983-91	s	CAP, CHIP CERAMIC 2.2MF B 1608
C301	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C302	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C303	1-114-564-11	o	CAP, CERAMIC 4.7MF C 3225
C304	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C306	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C307	1-115-412-91	s	CAP,CHIP CERAMIC 680PF CH 1608
C308	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C309	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C310	1-116-174-11	s	CAP, CHIP ELECT 270MF(10X10.5)
C311	1-115-412-91	s	CAP,CHIP CERAMIC 680PF CH 1608
C312	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C314	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C317	1-118-164-11	s	CAP, CERAMIC 0.22MF X7R (5750)
C318	⚠ 1-116-445-11	s	CAP, ELECT 100MF
C319	1-165-954-11	s	CAP, METALIZED PP FILM 56000PF
C321	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C322	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C400	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C401	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C402	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C403	1-114-503-21	s	CAP, CERAMIC 10MF C 5750
C1100	⚠ 1-113-903-51	s	CAP, CERAMIC 1000PF E
C1101	⚠ 1-113-903-51	s	CAP, CERAMIC 1000PF E
C1102	⚠ 1-113-907-51	s	CAP, CERAMIC 2200PF E
C1113	1-115-339-91	s	CAP, CERAMIC 0.1MF B (2012)
C1200	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608

PS-817A BOARD

Ref. No. or Q'ty		Part No.	SP	Description
C1201		1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1202		1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C1203		1-116-174-11	s	CAP, CHIP ELECT 270MF(10X10.5)
C1215		1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C1216		1-115-339-91	s	CAP, CERAMIC 0.1MF B (2012)
C1301		1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C1302		1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1304		1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1305		1-100-591-91	s	CAP, CHIP CERAMIC 1MF B 2012
C1306		1-100-591-91	s	CAP, CHIP CERAMIC 1MF B 2012
C1308		1-100-591-91	s	CAP, CHIP CERAMIC 1MF B 2012
C1315		1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1316		1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1318		1-116-174-11	s	CAP, CHIP ELECT 270MF(10X10.5)
C1323		1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1325		1-116-174-11	s	CAP, CHIP ELECT 270MF(10X10.5)
C1327		1-112-687-11	s	CAP, CERAMIC 1000PF U2J (3216)
C1328		1-112-687-11	s	CAP, CERAMIC 1000PF U2J (3216)
C1329		1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C1330		1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
CN100	⚠	1-691-961-11	s	PIN, CONNECTOR (PC BOARD) 3P
CN101	⚠	1-580-690-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN1103		1-770-469-21	s	PIN, CONNECTOR (PC BOARD) 2P
D101	⚠	6-503-073-01	s	DI S10WB60
D102	⚠	6-500-839-01	s	DIODE D1UBA80
D103		8-719-083-57	s	DI UDZSUSTE-173.6B
D202		8-719-069-28	s	DI 1SS400FJTE61
D203		8-719-083-66	s	DI UDZSUSTE-1718B
D204		6-501-658-01	s	DIODE D1FK60
D205		6-502-768-01	s	DI DE5L60U
D206		8-719-069-28	s	DI 1SS400FJTE61
D207		8-719-069-54	s	DI UDZSUSTE-175.1B
D209		6-501-658-01	s	DIODE D1FK60
D210		6-501-439-01	s	DIODE ST02D-170F2
D211		8-719-069-28	s	DI 1SS400FJTE61
D212		8-719-069-60	s	DI UDZSUSTE-179.1B
D300		8-719-069-28	s	DI 1SS400FJTE61
D302		8-719-069-28	s	DI 1SS400FJTE61
D307		8-719-080-69	s	DIODE M1FS4-4063
D308		8-719-083-66	s	DI UDZSUSTE-1718B
D309		6-501-658-01	s	DIODE D1FK60
D310		8-719-056-48	s	DI 1SS388
D311		8-719-080-69	s	DIODE M1FS4-4063
D312		6-501-658-01	s	DIODE D1FK60
D313		8-719-080-69	s	DIODE M1FS4-4063
D314		8-719-083-66	s	DI UDZSUSTE-1718B
D315		8-719-083-66	s	DI UDZSUSTE-1718B
D318		6-501-658-01	s	DIODE D1FK60
D400		6-501-658-01	s	DIODE D1FK60
D401		8-719-069-28	s	DI 1SS400FJTE61
D402		8-719-069-28	s	DI 1SS400FJTE61
D403		6-501-124-01	s	DIODE RSX101VA-30TR
D1100		6-501-124-01	s	DIODE RSX101VA-30TR
D1200		8-719-027-63	s	DIODE D2FL20U-TA
D1300		8-719-069-28	s	DI 1SS400FJTE61
D1301		8-719-069-28	s	DI 1SS400FJTE61
D1302		6-501-123-01	s	DIODE RB160M-60TR
D1303		6-501-123-01	s	DIODE RB160M-60TR
E1100		1-780-925-11	s	TERMINAL, LUG
E1104		1-780-925-11	s	TERMINAL, LUG
F100	⚠	1-576-659-11	s	FUSE (5A 250V) (5A/250V)
F101	⚠	1-523-143-11	s	FUSE (TIME-LAG) 6.3A (6.3A/500V)

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Ref. No. or Q'ty		Part No.	SP	Description
FB200		1-400-150-21	s	FERRITE, EMI (SMD) (4516)
FB300		1-400-150-21	s	FERRITE, EMI (SMD) (4516)
FB301		1-400-150-21	s	FERRITE, EMI (SMD) (4516)
IC200		6-716-177-01	s	IC UCC28050DR
IC201		8-759-175-30	s	IC NJM78L12UA-TE1
IC202	⚠	6-713-051-01	s	IC STR-A6153E
IC300		8-759-338-95	s	IC NJM2903V(TE2)
IC301		6-706-852-01	s	IC CXD9841M
IC302		6-711-947-01	s	IC MM1431CURE
IC400		8-759-681-48	s	IC NJM317DL1
IC1200		6-711-947-01	s	IC MM1431CURE
IC1300		6-711-947-01	s	IC MM1431CURE
IC1302		6-714-755-01	s	IC IR1168STRPBF
L100	⚠	1-424-598-11	s	COIL, CHOKE
L200		1-481-603-11	s	BEAD, AMORPHOUS AB-SN 3X2X3SM
L1300		1-481-602-11	s	BEAD, AMORPHOUS AB-SN 4X2X6SM
L1301		1-481-602-11	s	BEAD, AMORPHOUS AB-SN 4X2X6SM
L1302		1-481-602-11	s	BEAD, AMORPHOUS AB-SN 4X2X6SM
L1303		1-481-602-11	s	BEAD, AMORPHOUS AB-SN 4X2X6SM
PH1100	⚠	8-749-016-82	s	PHOTO COUPLER PC123GY2J00F
PH1200	⚠	6-600-753-01	s	PHOTO COUPLER TLP719F
PH1300	⚠	8-749-016-82	s	PHOTO COUPLER PC123GY2J00F
PH1301	⚠	6-600-753-01	s	PHOTO COUPLER TLP719F
Q200		6-552-266-01	s	TR 2SK3398(T4LSONY,Q)
Q201		6-552-494-01	s	TR SI2307CDS-T1-GE3
Q202		8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q301	⚠	6-552-266-01	s	TR 2SK3398(T4LSONY,Q)
Q302	⚠	6-552-266-01	s	TR 2SK3398(T4LSONY,Q)
Q303		8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q400		8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q401		6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q402		6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q403		6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1300		6-552-694-01	s	TR TK130F06K3(TE24L,Q)
Q1301		6-552-694-01	s	TR TK130F06K3(TE24L,Q)
R100	⚠	1-250-300-11	s	RES, CHIP 1M 6332 5%
R101	⚠	1-250-300-11	s	RES, CHIP 1M 6332 5%
R102	⚠	1-250-300-11	s	RES, CHIP 1M 6332 5%
R103	⚠	1-250-300-11	s	RES, CHIP 1M 6332 5%
R104		1-220-305-91	o	RES,SQUARE TYPE CHIP 22K(4532)
R105		1-220-305-91	o	RES,SQUARE TYPE CHIP 22K(4532)
R106		1-220-305-91	o	RES,SQUARE TYPE CHIP 22K(4532)
R107		1-220-305-91	o	RES,SQUARE TYPE CHIP 22K(4532)
R108		1-220-305-91	o	RES,SQUARE TYPE CHIP 22K(4532)
R109		1-220-281-91	s	RES,SQUARE TYPE CHIP 4.7K 3225
R110		1-218-895-91	s	RES, CHIP 100K (1608)
R200		1-257-075-11	s	FIXED CHIP RESISTOR 680K(3216)
R201		1-257-075-11	s	FIXED CHIP RESISTOR 680K(3216)
R202		1-257-074-11	o	FIXED CHIP RESISTOR 330K
R203		1-218-875-91	s	RES, CHIP 15K (1608)
R206		1-218-859-91	s	RES, CHIP 3.3K (1608)
R208		1-218-879-91	s	RES, CHIP 22K (1608)
R209		1-220-250-91	s	RES, SQUARE TYPE CHIP 10(4532)
R210		1-218-839-91	s	RES, CHIP 470 (1608)
R211		1-218-895-91	s	RES, CHIP 100K (1608)
R212		1-219-611-21	s	RES, CHIP (SQUARE TYPE) 0.047
R213		1-219-611-21	s	RES, CHIP (SQUARE TYPE) 0.047
R214		1-257-075-11	s	FIXED CHIP RESISTOR 680K(3216)
R215		1-257-075-11	s	FIXED CHIP RESISTOR 680K(3216)
R216		1-218-895-91	s	RES, CHIP 100K (1608)
R218		1-218-871-91	s	RES, CHIP 10K (1608)
R223		1-218-236-91	s	RES,SQUARE TYPE CHIP 1.0(3225)

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Ref. No. or Q'ty	Part No.	SP	Description
R224	1-218-236-91	s	RES,SQUARE TYPE CHIP 1.0(3225)
R225	1-220-230-91	s	RES,SQUARE TYPE CHIP 2.2(3225)
R226	1-246-193-11	s	RES, SQUARE TYPE FUSE 10 1608
R227	1-220-238-91	s	RES, SQUARE TYPE CHIP 10(3225)
R229	1-218-879-91	s	RES, CHIP 22K (1608)
R230	1-218-871-91	s	RES, CHIP 10K (1608)
R231	1-216-809-91	s	RES, CHIP 100 (1608)
R300	1-257-074-11	o	FIXED CHIP RESISTOR 330K
R301	1-257-074-11	o	FIXED CHIP RESISTOR 330K
R302	1-257-074-11	o	FIXED CHIP RESISTOR 330K
R303	1-218-867-91	s	RES, CHIP 6.8K (1608)
R304	1-257-074-11	o	FIXED CHIP RESISTOR 330K
R305	1-257-074-11	o	FIXED CHIP RESISTOR 330K
R306	1-218-847-91	s	RES, CHIP 1.0K (1608)
R307	1-218-863-91	s	RES, CHIP 4.7K (1608)
R308	1-218-871-91	s	RES, CHIP 10K (1608)
R309	1-218-867-91	s	RES, CHIP 6.8K (1608)
R310	1-218-855-91	s	RES, CHIP 2.2K (1608)
R311	1-218-907-91	s	RES, CHIP 330K (1608)
R314	1-218-899-91	s	RES, CHIP 150K (1608)
R315	1-218-871-91	s	RES, CHIP 10K (1608)
R316	1-218-871-91	s	RES, CHIP 10K (1608)
R317	1-218-879-91	s	RES, CHIP 22K (1608)
R318	1-218-863-91	s	RES, CHIP 4.7K (1608)
R319	1-218-875-91	s	RES, CHIP 15K (1608)
R320	1-216-801-91	s	RES, CHIP 22 (1608)
R321	1-218-875-91	s	RES, CHIP 15K (1608)
R323	1-216-809-91	s	RES, CHIP 100 (1608)
R324	1-257-074-11	o	FIXED CHIP RESISTOR 330K
R325	1-218-843-91	s	RES, CHIP 680 (1608)
R326	1-257-074-11	o	FIXED CHIP RESISTOR 330K
R327	1-220-242-91	s	RES, SQUARE TYPE CHIP 22(3225)
R329	1-220-242-91	s	RES, SQUARE TYPE CHIP 22(3225)
R330	1-257-074-11	o	FIXED CHIP RESISTOR 330K
R332	1-218-895-91	s	RES, CHIP 100K (1608)
R333	1-218-895-91	s	RES, CHIP 100K (1608)
R334	1-220-264-91	s	RES,SQUARE TYPE CHIP 1.0K 3225
R336	1-219-706-21	s	RES, CHIP (SQUARE TYPE) 0.10
R337	1-219-706-21	s	RES, CHIP (SQUARE TYPE) 0.10
R338	1-218-232-91	s	RES,SQUARE TYPE CHIP 4.7(4532)
R339	1-218-855-91	s	RES, CHIP 2.2K (1608)
R340	1-218-895-91	s	RES, CHIP 100K (1608)
R343	1-220-230-91	s	RES,SQUARE TYPE CHIP 2.2(3225)
R400	1-218-871-91	s	RES, CHIP 10K (1608)
R401	1-218-839-91	s	RES, CHIP 470 (1608)
R402	1-218-839-91	s	RES, CHIP 470 (1608)
R403	1-218-871-91	s	RES, CHIP 10K (1608)
R404	1-218-887-91	s	RES, CHIP 47K (1608)
R405	1-218-835-91	s	RES, CHIP 330 (1608)
R406	1-218-847-91	s	RES, CHIP 1.0K (1608)
R407	1-218-851-91	s	RES, CHIP 1.5K (1608)
R408	1-218-831-91	s	RES, CHIP 220 (1608)
R1201	1-218-895-91	s	RES, CHIP 100K (1608)
R1202	1-218-843-91	s	RES, CHIP 680 (1608)
R1203	1-216-809-91	s	RES, CHIP 100 (1608)
R1204	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1205	1-218-891-91	s	RES, CHIP 68K (1608)
R1206	1-218-875-91	s	RES, CHIP 15K (1608)
R1303	1-218-895-91	s	RES, CHIP 100K (1608)
R1304	1-218-895-91	s	RES, CHIP 100K (1608)
R1305	1-220-234-91	s	RES,SQUARE TYPE CHIP 4.7(3225)
R1307	1-220-234-91	s	RES,SQUARE TYPE CHIP 4.7(3225)
R1318	1-220-242-91	s	RES, SQUARE TYPE CHIP 22(3225)
R1324	1-216-809-91	s	RES, CHIP 100 (1608)
R1325	1-218-823-91	s	RES, CHIP 100 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1326	1-218-879-91	s	RES, CHIP 22K (1608)
R1327	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1331	1-220-258-91	s	RES,SQUARE TYPE CHIP 100(3225)
R1332	1-220-258-91	s	RES,SQUARE TYPE CHIP 100(3225)
R1333	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1334	1-218-847-91	s	RES, CHIP 1.0K (1608)
RB1200	1-233-414-21	s	RES, CHIP NETWORK 4.7K (3216)
RB1302	1-233-414-21	s	RES, CHIP NETWORK 4.7K (3216)
RY1100 ⚠	1-755-651-11	s	RELAY
T200 ⚠	1-457-879-11	s	COIL, CHOKE 150UH
T1200 ⚠	1-445-805-11	s	TRANSFORMER, DC-DC CONVERTER
T1300 ⚠	1-445-934-11	s	TRANSFORMER, DC-DC CONVERTER
THP200 ⚠	1-802-108-11	s	THERMISTOR, POSITIVE
TP1103	1-458-218-11	s	SOCKET (FOR THROUGH HALL)
TP1104	1-458-218-11	s	SOCKET (FOR THROUGH HALL)

PS-818A BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1864-275-A	s	MOUNTED CIRCUIT BOARD, PS-818A
1pc	4-191-646-01	s	BUTTON, ROCKER SWITCH
C1107	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C1111	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1112	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1205	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1208	1-114-564-11	o	CAP, CERAMIC 4.7MF C 3225
C1214	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1324	1-116-174-11	s	CAP, CHIP ELECT 270MF(10X10.5)
C1326	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1334	1-116-174-11	s	CAP, CHIP ELECT 270MF(10X10.5)
C1335	1-116-174-11	s	CAP, CHIP ELECT 270MF(10X10.5)
C1336	1-116-174-11	s	CAP, CHIP ELECT 270MF(10X10.5)
C1401	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1402	1-115-339-91	s	CAP, CERAMIC 0.1MF B (2012)
C1404	1-114-503-21	s	CAP, CERAMIC 10MF C 5750
C1405	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1406	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C1408	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1409	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1410	1-114-479-91	s	CAP, CERAMIC 2.2UF B 3225
C1411	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1412	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1413	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1414	1-114-983-91	s	CAP, CHIP CERAMIC 2.2MF B 1608
C1415	1-114-983-91	s	CAP, CHIP CERAMIC 2.2MF B 1608
C1416	1-114-983-91	s	CAP, CHIP CERAMIC 2.2MF B 1608
C1417	1-114-564-11	o	CAP, CERAMIC 4.7MF C 3225
C1418	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1419	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1420	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1421	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1422	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C1423	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1424	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1425	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C1432	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1433	1-115-339-91	s	CAP, CERAMIC 0.1MF B (2012)
C1435	1-115-339-91	s	CAP, CERAMIC 0.1MF B (2012)

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C1436	1-115-339-91	s	CAP, CERAMIC 0.1MF B (2012)
C1437	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1438	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1439	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C1440	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1441	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C2000	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2001	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C2002	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2003	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C2004	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2005	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2006	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2007	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2008	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C2009	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2010	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C2011	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C2012	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C2013	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2014	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2015	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2016	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2017	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3000	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3001	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3002	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3003	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C3004	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C3005	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3006	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C3007	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C3008	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3009	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C3010	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3020	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C3021	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C3022	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C3023	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C3024	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C3025	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C4000	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C4001	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C4002	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C4003	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C4004	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C4005	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
CN1104	1-770-160-21	s	PIN, CONNECTOR (PC BOARD) 2P
CN1401	1-766-178-11	o	PIN, CONNECTOR (PC BOARD) 5P
CN1402	1-778-616-21	o	PIN, CONNECTOR (PC BOARD) 13P
CN1403	1-778-795-21	s	PIN, CONNECTOR (PC BOARD) 9P
CN2000	1-784-254-21	s	CONNECTOR 10P
CN3000	1-764-585-21	s	PIN, CONNECTOR (PC BOARD) 12P
D1101	8-719-069-28	s	DI 1SS400FJTE61
D1400	8-719-069-28	s	DI 1SS400FJTE61
D1402	8-719-073-52	s	DIODE D2FS6-TA
D1403	8-719-073-52	s	DIODE D2FS6-TA
D1404	8-719-073-52	s	DIODE D2FS6-TA
D1407	8-719-069-54	s	DI UDZSUSTE-175.1B
D1408	8-719-069-28	s	DI 1SS400FJTE61
D1409	8-719-069-28	s	DI 1SS400FJTE61
D1410	8-719-069-28	s	DI 1SS400FJTE61
D1412	8-719-083-52	s	DI UDZSUSTE-1716B
D1431	8-719-073-52	s	DIODE D2FS6-TA

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D1434	8-719-083-66	s	DI UDZSUSTE-1718B
D1435	8-719-069-60	s	DI UDZSUSTE-179.1B
D2000	8-719-069-28	s	DI 1SS400FJTE61
D2001	8-719-083-57	s	DI UDZSUSTE-173.6B
D2002	8-719-083-60	s	DI UDZSUSTE-174.7B
D2003	8-719-083-60	s	DI UDZSUSTE-174.7B
D2004	8-719-083-60	s	DI UDZSUSTE-174.7B
D2005	8-719-083-60	s	DI UDZSUSTE-174.7B
D2008	8-719-069-28	s	DI 1SS400FJTE61
D3000	8-719-073-52	s	DIODE D2FS6-TA
D4001	8-719-069-28	s	DI 1SS400FJTE61
D4007	8-719-069-28	s	DI 1SS400FJTE61
D4008	8-719-069-60	s	DI UDZSUSTE-179.1B
E1101	1-780-925-11	s	TERMINAL, LUG
E1102	1-780-925-11	s	TERMINAL, LUG
E1103	1-780-925-11	s	TERMINAL, LUG
F1400	⚠ 1-576-566-21	s	FUSE (SMD) (15A/65V)
IC1102	8-759-711-59	s	IC NJM78L05UA-TE1
IC1400	8-759-338-95	s	IC NJM2903V(TE2)
IC1401	8-759-175-30	s	IC NJM78L12UA-TE1
IC1402	6-701-652-01	s	IC MAX4374TEUB+TG069
IC1403	6-701-652-01	s	IC MAX4374TEUB+TG069
IC1404	6-701-652-01	s	IC MAX4374TEUB+TG069
IC1405	6-701-652-01	s	IC MAX4374TEUB+TG069
IC1406	6-701-652-01	s	IC MAX4374TEUB+TG069
IC1410	8-759-337-40	s	IC NJM2904V(TE2)
IC1411	6-711-947-01	s	IC MM1431CURE
IC1412	6-714-938-01	s	IC LM61BIM3X
IC1413	6-715-188-01	s	IC LTM8020EV
IC2000	6-709-014-01	s	IC UPC2933BT-E2-AZ
IC2001	6-715-320-01	s	IC EPM570T100I5N
IC2002	6-708-324-01	s	IC R3112N301A-TR-FE
IC2003	6-707-888-01	s	IC TC74VHCT14AFT(EKJ)
IC2004	6-707-888-01	s	IC TC74VHCT14AFT(EKJ)
IC2005	6-707-862-01	s	IC TC74VHC05FT(EKJ)
IC2006	6-707-862-01	s	IC TC74VHC05FT(EKJ)
IC3000	6-713-278-01	s	IC MAX4374HEUB+TG069
IC3001	6-713-278-01	s	IC MAX4374HEUB+TG069
IC3002	6-713-278-01	s	IC MAX4374HEUB+TG069
IC3003	6-713-278-01	s	IC MAX4374HEUB+TG069
IC3004	8-759-337-40	s	IC NJM2904V(TE2)
IC3005	8-759-337-40	s	IC NJM2904V(TE2)
IC4000	6-712-383-01	s	IC TC74VHC4051AFT(EK)
IC4001	6-707-862-01	s	IC TC74VHC05FT(EKJ)
IC4002	6-707-862-01	s	IC TC74VHC05FT(EKJ)
IC4003	6-707-888-01	s	IC TC74VHCT14AFT(EKJ)
L1401	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
Q1101	6-552-494-01	s	TR SI2307CDS-T1-GE3
Q1203	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1204	6-552-494-01	s	TR SI2307CDS-T1-GE3
Q1400	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1401	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1402	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1407	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1408	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1409	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1410	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1411	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1412	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1418	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1419	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1420	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1422	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E

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Q1423	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1424	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1427	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1448	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1449	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1451	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1453	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1454	6-552-494-01	s	TR SI2307CDS-T1-GE3
Q2022	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q2023	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q3001	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q3002	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q4001	8-729-928-82	s	TRANSISTOR DTC144EE-TL
R1101	1-218-879-91	s	RES, CHIP 22K (1608)
R1102	1-216-801-91	s	RES, CHIP 22 (1608)
R1103	1-218-879-91	s	RES, CHIP 22K (1608)
R1207	1-218-879-91	s	RES, CHIP 22K (1608)
R1212	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1218	1-218-879-91	s	RES, CHIP 22K (1608)
R1221	1-218-839-91	s	RES, CHIP 470 (1608)
R1222	1-218-871-91	s	RES, CHIP 10K (1608)
R1223	1-218-895-91	s	RES, CHIP 100K (1608)
R1225	1-218-883-91	s	RES, CHIP 33K (1608)
R1400	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1402	1-218-879-91	s	RES, CHIP 22K (1608)
R1403	1-218-855-91	s	RES, CHIP 2.2K (1608)
R1404	1-218-879-91	s	RES, CHIP 22K (1608)
R1405	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1407	1-218-871-91	s	RES, CHIP 10K (1608)
R1408	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1410	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1411	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1412	1-218-879-91	s	RES, CHIP 22K (1608)
R1413	1-218-891-91	s	RES, CHIP 68K (1608)
R1414	1-218-887-91	s	RES, CHIP 47K (1608)
R1415	1-218-895-91	s	RES, CHIP 100K (1608)
R1416	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1417	1-218-879-91	s	RES, CHIP 22K (1608)
R1427	1-218-839-91	s	RES, CHIP 470 (1608)
R1428	1-218-879-91	s	RES, CHIP 22K (1608)
R1429	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1431	1-218-839-91	s	RES, CHIP 470 (1608)
R1432	1-218-879-91	s	RES, CHIP 22K (1608)
R1433	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1434	1-218-871-91	s	RES, CHIP 10K (1608)
R1435	1-211-737-91	s	RES,SQUARE TYPE CHIP 0.47 3225
R1436	1-218-839-91	s	RES, CHIP 470 (1608)
R1437	1-218-839-91	s	RES, CHIP 470 (1608)
R1438	1-218-839-91	s	RES, CHIP 470 (1608)
R1439	1-218-859-91	s	RES, CHIP 3.3K (1608)
R1440	1-218-879-91	s	RES, CHIP 22K (1608)
R1441	1-218-871-91	s	RES, CHIP 10K (1608)
R1442	1-218-879-91	s	RES, CHIP 22K (1608)
R1443	1-218-871-91	s	RES, CHIP 10K (1608)
R1444	1-218-879-91	s	RES, CHIP 22K (1608)
R1445	1-218-871-91	s	RES, CHIP 10K (1608)
R1446	1-218-871-91	s	RES, CHIP 10K (1608)
R1447	1-218-871-91	s	RES, CHIP 10K (1608)
R1448	1-218-867-91	s	RES, CHIP 6.8K (1608)
R1449	1-218-867-91	s	RES, CHIP 6.8K (1608)
R1450	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1452	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1453	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1454	1-257-089-11	s	RES, METAL PLATE 0.01
R1455	1-219-610-21	s	RES, CHIP (SQUARE TYPE) 0.022

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R1456	1-257-089-11	s	RES, METAL PLATE 0.01
R1457	1-218-839-91	s	RES, CHIP 470 (1608)
R1458	1-257-089-11	s	RES, METAL PLATE 0.01
R1459	1-218-859-91	s	RES, CHIP 3.3K (1608)
R1460	1-218-871-91	s	RES, CHIP 10K (1608)
R1461	1-218-871-91	s	RES, CHIP 10K (1608)
R1462	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1463	1-218-839-91	s	RES, CHIP 470 (1608)
R1464	1-218-839-91	s	RES, CHIP 470 (1608)
R1465	1-218-871-91	s	RES, CHIP 10K (1608)
R1466	1-218-871-91	s	RES, CHIP 10K (1608)
R1467	1-218-871-91	s	RES, CHIP 10K (1608)
R1468	1-218-871-91	s	RES, CHIP 10K (1608)
R1469	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1471	1-218-871-91	s	RES, CHIP 10K (1608)
R1472	1-218-879-91	s	RES, CHIP 22K (1608)
R1473	1-218-871-91	s	RES, CHIP 10K (1608)
R1486	1-211-737-91	s	RES,SQUARE TYPE CHIP 0.47 3225
R1489	1-218-879-91	s	RES, CHIP 22K (1608)
R1490	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1492	1-218-871-91	s	RES, CHIP 10K (1608)
R1493	1-218-871-91	s	RES, CHIP 10K (1608)
R1494	1-218-871-91	s	RES, CHIP 10K (1608)
R1495	1-218-871-91	s	RES, CHIP 10K (1608)
R1496	1-218-871-91	s	RES, CHIP 10K (1608)
R1519	1-218-839-91	s	RES, CHIP 470 (1608)
R1520	1-218-839-91	s	RES, CHIP 470 (1608)
R1521	1-218-859-91	s	RES, CHIP 3.3K (1608)
R1522	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1523	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1524	1-218-879-91	s	RES, CHIP 22K (1608)
R1525	1-218-879-91	s	RES, CHIP 22K (1608)
R1526	1-211-981-91	s	RES, CHIP 33 (1608)
R1527	1-218-879-91	s	RES, CHIP 22K (1608)
R1528	1-216-809-91	s	RES, CHIP 100 (1608)
R2008	1-218-871-91	s	RES, CHIP 10K (1608)
R2015	1-240-247-91	s	RES, SQUARE TYPE CHIP 0.1
R2020	1-216-809-91	s	RES, CHIP 100 (1608)
R2021	1-218-871-91	s	RES, CHIP 10K (1608)
R2022	1-218-871-91	s	RES, CHIP 10K (1608)
R2023	1-216-801-91	s	RES, CHIP 22 (1608)
R2024	1-216-801-91	s	RES, CHIP 22 (1608)
R2025	1-218-871-91	s	RES, CHIP 10K (1608)
R2034	1-218-839-91	s	RES, CHIP 470 (1608)
R2038	1-216-809-91	s	RES, CHIP 100 (1608)
R2039	1-218-871-91	s	RES, CHIP 10K (1608)
R2046	1-218-847-91	s	RES, CHIP 1.0K (1608)
R2047	1-216-809-91	s	RES, CHIP 100 (1608)
R2048	1-218-871-91	s	RES, CHIP 10K (1608)
R3000	1-257-090-11	s	RES, METAL PLATE 0.005
R3002	1-218-871-91	s	RES, CHIP 10K (1608)
R3003	1-218-871-91	s	RES, CHIP 10K (1608)
R3004	1-218-871-91	s	RES, CHIP 10K (1608)
R3005	1-218-879-91	s	RES, CHIP 22K (1608)
R3006	1-216-809-91	s	RES, CHIP 100 (1608)
R3007	1-218-879-91	s	RES, CHIP 22K (1608)
R3009	1-218-871-91	s	RES, CHIP 10K (1608)
R3010	1-218-871-91	s	RES, CHIP 10K (1608)
R3011	1-218-859-91	s	RES, CHIP 3.3K (1608)
R3012	1-218-883-91	s	RES, CHIP 33K (1608)
R3013	1-218-871-91	s	RES, CHIP 10K (1608)
R3014	1-218-871-91	s	RES, CHIP 10K (1608)
R3015	1-218-879-91	s	RES, CHIP 22K (1608)
R3016	1-218-855-91	s	RES, CHIP 2.2K (1608)
R3017	1-218-847-91	s	RES, CHIP 1.0K (1608)

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R3018	1-218-871-91	s	RES, CHIP 10K (1608)
R3019	1-218-871-91	s	RES, CHIP 10K (1608)
R3020	1-218-859-91	s	RES, CHIP 3.3K (1608)
R3021	1-218-831-91	s	RES, CHIP 220 (1608)
R3022	1-218-867-91	s	RES, CHIP 6.8K (1608)
R3023	1-218-863-91	s	RES, CHIP 4.7K (1608)
R3024	1-218-883-91	s	RES, CHIP 33K (1608)
R3025	1-257-090-11	s	RES, METAL PLATE 0.005
R3026	1-257-090-11	s	RES, METAL PLATE 0.005
R3027	1-257-090-11	s	RES, METAL PLATE 0.005
R3030	1-218-871-91	s	RES, CHIP 10K (1608)
R3031	1-218-871-91	s	RES, CHIP 10K (1608)
R3036	1-218-855-91	s	RES, CHIP 2.2K (1608)
R3037	1-218-887-91	s	RES, CHIP 47K (1608)
R4000	1-216-809-91	s	RES, CHIP 100 (1608)
R4001	1-218-871-91	s	RES, CHIP 10K (1608)
R4002	1-218-871-91	s	RES, CHIP 10K (1608)
R4003	1-218-871-91	s	RES, CHIP 10K (1608)
R4004	1-218-871-91	s	RES, CHIP 10K (1608)
R4009	1-218-871-91	s	RES, CHIP 10K (1608)
RB2000	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB2001	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB2002	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB2003	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB4000	1-233-414-21	s	RES, CHIP NETWORK 4.7K (3216)
RB4001	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB4002	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB4003	1-233-414-21	s	RES, CHIP NETWORK 4.7K (3216)
RB4004	1-234-376-21	s	RES, NETWORK 2.2K (1005X4)
RB4005	1-234-376-21	s	RES, NETWORK 2.2K (1005X4)
RB4006	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB4007	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB4008	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB4009	1-234-378-21	s	RES, NETWORK 10K (1005X4)
S1100	1-798-247-11	s	SWITCH, LOCKER
X2000	1-813-329-11	s	OSCILLATOR, CRYSTAL

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Ref. No. or Q'ty	Part No.	SP	Description
3pcs	3-729-061-02	s	SCREW (M2) (TYPE 1)
C101	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C104	1-112-778-11	s	CAP, CERAMIC 0.022MF X7R 1005
C105	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C107	1-112-778-11	s	CAP, CERAMIC 0.022MF X7R 1005
C108	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C109	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C110	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C111	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C112	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C114	1-114-236-21	s	CAP, CERAMIC 22MF B (3225)
C115	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C117	1-114-236-21	s	CAP, CERAMIC 22MF B (3225)
C201	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C202	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C203	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C204	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C205	1-114-112-11	s	CAP, ELECT 100MF (6.3X7.7)
C206	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C207	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C208	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C209	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C210	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C301	1-112-776-11	s	CAP, CERAMIC 4700PF X7R 1005
C302	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C303	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C304	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C305	1-112-776-11	s	CAP, CERAMIC 4700PF X7R 1005
C306	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C307	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C308	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C309	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C310	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C311	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C312	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C313	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C314	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C315	1-114-323-11	s	CAP, CERAMIC 0.01MF X7R 1608
C316	1-114-236-21	s	CAP, CERAMIC 22MF B (3225)
C317	1-114-236-21	s	CAP, CERAMIC 22MF B (3225)
C318	1-114-509-11	s	CAP, ELECT 150MF (6.3X7.7)
C319	1-112-784-11	s	CAP, ELECT 220MF(6.3X5.8)
C320	1-114-553-11	s	CAP, CERAMIC 10MF X6S 3216
C321	1-114-553-11	s	CAP, CERAMIC 10MF X6S 3216
C322	1-114-553-11	s	CAP, CERAMIC 10MF X6S 3216
C323	1-114-553-11	s	CAP, CERAMIC 10MF X6S 3216
C325	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C326	1-114-323-11	s	CAP, CERAMIC 0.01MF X7R 1608
C327	1-114-323-11	s	CAP, CERAMIC 0.01MF X7R 1608
C328	1-114-323-11	s	CAP, CERAMIC 0.01MF X7R 1608
C329	1-114-236-21	s	CAP, CERAMIC 22MF B (3225)
C330	1-114-236-21	s	CAP, CERAMIC 22MF B (3225)
C351	1-114-553-11	s	CAP, CERAMIC 10MF X6S 3216
C352	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C353	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C355	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C356	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C357	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C358	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C359	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C381	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C382	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C383	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C384	1-112-785-11	s	CAP, ELECT(SOLID)
C385	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C386	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C387	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C401	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C402	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C403	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C404	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C405	1-114-112-11	s	CAP, ELECT 100MF (6.3X7.7)
C406	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C407	1-114-335-11	s	CAP, CERAMIC 22MF X7R 3225
C408	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C451	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C452	1-114-236-21	s	CAP, CERAMIC 22MF B (3225)
C453	1-114-236-21	s	CAP, CERAMIC 22MF B (3225)
C454	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C455	1-114-509-11	s	CAP, ELECT 150MF (6.3X7.7)
C456	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C457	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C458	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C501	1-114-330-11	s	CAP, CERAMIC 2.2MF X7R 2012
C502	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)

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Ref. No. or Q'ty	Part No.	SP	Description
C503	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C504	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C505	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C506	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C507	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C508	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C509	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C510	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C512	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C513	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C601	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C602	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C603	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C604	1-114-112-11	s	CAP, ELECT 100MF (6.3X7.7)
C605	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C606	1-114-553-11	s	CAP, CERAMIC 10MF X6S 3216
C664	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C665	1-164-933-81	s	CAP, CHIP CERAMIC 220PF B 1005
C666	1-100-581-81	s	CAP,CHIP CERAMIC0.0047MF B1005
D101	8-719-016-75	s	DIODE 1SS352-TPH3
D201	8-719-069-28	s	DI 1SS400FJTE61
D202	8-719-069-28	s	DI 1SS400FJTE61
D203	8-719-072-43	s	DIODE RB050L-40TE25
D204	8-719-938-77	s	DIODE SB05-05C-TB-E
D205	8-719-051-04	s	DIODE EC10QS04-TE12L5
D301	8-719-069-28	s	DI 1SS400FJTE61
D302	8-719-938-77	s	DIODE SB05-05C-TB-E
D303	8-719-938-77	s	DIODE SB05-05C-TB-E
D351	8-719-072-43	s	DIODE RB050L-40TE25
D352	8-719-069-28	s	DI 1SS400FJTE61
D401	8-719-072-43	s	DIODE RB050L-40TE25
D451	8-719-072-43	s	DIODE RB050L-40TE25
D501	6-501-123-01	s	DIODE RB160M-60TR
D502	8-719-069-28	s	DI 1SS400FJTE61
D601	8-719-072-43	s	DIODE RB050L-40TE25
D602	8-719-069-28	s	DI 1SS400FJTE61
D653	8-719-083-60	s	DI UDZSUSTE-174.7B
E101	1-535-877-22	s	CHIP, CHECKER
E102	1-535-877-22	s	CHIP, CHECKER
FB201	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB351	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB381	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB401	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB402	1-416-976-21	s	FERRITE, EMI (SMD) (3216)
FB451	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB452	1-416-976-21	s	FERRITE, EMI (SMD) (3216)
FB601	1-416-976-21	s	FERRITE, EMI (SMD) (3216)
FB602	1-416-976-21	s	FERRITE, EMI (SMD) (3216)
IC101	8-759-338-95	s	IC NJM2903V(TE2)
IC102	6-711-947-01	s	IC MM1431CURE
IC103	6-704-643-01	s	IC R3112N221A-TR-FE
IC104	6-704-643-01	s	IC R3112N221A-TR-FE
IC105	8-759-346-27	s	IC LM45BIM3X
IC106	6-702-231-01	s	IC LMH6642MFX/NOPB
IC201	6-711-654-01	s	IC TPS5420DRG4
IC202	8-759-337-40	s	IC NJM2904V(TE2)
IC203	8-759-338-95	s	IC NJM2903V(TE2)
IC301	6-702-510-01	s	IC TPS5120DBTRG4
IC351	6-705-480-01	s	IC LT3467ES6#TR
IC381	6-708-889-01	s	IC MP2105DJ-LF-Z
IC401	6-711-654-01	s	IC TPS5420DRG4
IC451	6-711-654-01	s	IC TPS5420DRG4
IC501	6-703-223-01	s	IC MAX668EUB+TG069

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Ref. No. or Q'ty	Part No.	SP	Description
IC652	6-715-696-01	s	IC TPS5430DDAR
L201	1-416-511-21	s	COIL, CHOKE 47.0UH
L301	1-481-180-21	s	INDUCTOR 10UH
L302	1-481-180-21	s	INDUCTOR 10UH
L303	1-457-575-21	s	COIL, CHOKE (SMD) 3.3UH (10X10
L304	1-456-622-21	s	COIL, CHOKE 1UH
L305	1-456-622-21	s	COIL, CHOKE 1UH
L308	1-456-554-21	s	COIL, CHOKE 1.6UH
L351	1-416-344-21	s	COIL, CHOKE 10UH
L352	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L381	1-416-344-21	s	COIL, CHOKE 10UH
L382	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L401	1-457-454-11	s	CHOKE COIL 47UH
L451	1-416-758-21	s	COIL, CHOKE (SMD) 22UH
L501	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L502	1-416-510-21	s	COIL, CHOKE 100UH
L503	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L601	1-416-606-21	s	COIL, CHOKE (SMD) 47UH
Q101	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q102	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q103	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q104	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q105	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q106	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q107	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q110	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q111	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q112	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q115	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q116	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q301	6-551-736-01	s	TRANSISTOR FDS6690AS
Q302	6-551-736-01	s	TRANSISTOR FDS6690AS
Q303	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q304	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q305	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q306	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q307	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q308	8-729-046-04	s	TRANSISTOR FDS6690A
Q309	8-729-046-04	s	TRANSISTOR FDS6690A
Q381	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q382	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q401	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q402	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q403	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q404	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q451	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q452	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q453	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q454	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q501	6-551-384-01	s	TRANSISTOR 2SK2857
Q601	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q602	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
R101	1-208-911-81	s	RES, CHIP 10K (1005)
R102	1-208-899-81	s	RES, CHIP 3.3K (1005)
R103	1-208-863-81	s	RES, CHIP 100 (1005)
R104	1-208-911-81	s	RES, CHIP 10K (1005)
R105	1-208-899-81	s	RES, CHIP 3.3K (1005)
R106	1-208-879-81	s	RES, CHIP 470 (1005)
R107	1-208-911-81	s	RES, CHIP 10K (1005)
R108	1-208-899-81	s	RES, CHIP 3.3K (1005)
R109	1-208-899-81	s	RES, CHIP 3.3K (1005)
R110	1-208-899-81	s	RES, CHIP 3.3K (1005)
R111	1-208-895-81	s	RES, CHIP 2.2K (1005)
R112	1-208-927-81	s	RES, CHIP 47K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R114	1-208-927-81	s	RES, CHIP 47K (1005)
R115	1-208-927-81	s	RES, CHIP 47K (1005)
R116	1-208-911-81	s	RES, CHIP 10K (1005)
R117	1-208-927-81	s	RES, CHIP 47K (1005)
R118	1-208-927-81	s	RES, CHIP 47K (1005)
R119	1-208-911-81	s	RES, CHIP 10K (1005)
R120	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R121	1-208-923-81	s	RES, CHIP 33K (1005)
R122	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R123	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R125	1-208-911-81	s	RES, CHIP 10K (1005)
R126	1-208-911-81	s	RES, CHIP 10K (1005)
R127	1-208-911-81	s	RES, CHIP 10K (1005)
R128	1-208-907-81	s	RES, CHIP 6.8K (1005)
R129	1-208-927-81	s	RES, CHIP 47K (1005)
R130	1-208-911-81	s	RES, CHIP 10K (1005)
R132	1-208-927-81	s	RES, CHIP 47K (1005)
R133	1-208-911-81	s	RES, CHIP 10K (1005)
R134	1-208-863-81	s	RES, CHIP 100 (1005)
R136	1-208-911-81	s	RES, CHIP 10K (1005)
R138	1-208-911-81	s	RES, CHIP 10K (1005)
R139	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R140	1-208-919-81	s	RES, CHIP 22K (1005)
R141	1-208-927-81	s	RES, CHIP 47K (1005)
R142	1-208-911-81	s	RES, CHIP 10K (1005)
R143	1-208-913-81	s	RES, CHIP 12K (1005)
R144	1-208-931-81	s	RES, CHIP 68K (1005)
R145	1-208-919-81	s	RES, CHIP 22K (1005)
R147	1-208-899-81	s	RES, CHIP 3.3K (1005)
R148	1-208-899-81	s	RES, CHIP 3.3K (1005)
R149	1-208-899-81	s	RES, CHIP 3.3K (1005)
R150	1-208-899-81	s	RES, CHIP 3.3K (1005)
R151	1-208-899-81	s	RES, CHIP 3.3K (1005)
R202	1-208-863-81	s	RES, CHIP 100 (1005)
R203	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R204	1-208-911-81	s	RES, CHIP 10K (1005)
R205	1-208-935-81	s	RES, CHIP 100K (1005)
R206	1-208-935-81	s	RES, CHIP 100K (1005)
R207	1-208-935-81	s	RES, CHIP 100K (1005)
R208	1-208-935-81	s	RES, CHIP 100K (1005)
R209	1-208-935-81	s	RES, CHIP 100K (1005)
R210	1-208-923-81	s	RES, CHIP 33K (1005)
R211	1-208-895-81	s	RES, CHIP 2.2K (1005)
R212	1-208-863-81	s	RES, CHIP 100 (1005)
R213	1-208-935-81	s	RES, CHIP 100K (1005)
R214	1-208-883-81	s	RES, CHIP 680 (1005)
R215	1-208-913-81	s	RES, CHIP 12K (1005)
R216	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R217	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R218	1-208-927-81	s	RES, CHIP 47K (1005)
R219	1-208-919-81	s	RES, CHIP 22K (1005)
R220	1-208-913-81	s	RES, CHIP 12K (1005)
R221	1-208-911-81	s	RES, CHIP 10K (1005)
R222	1-208-939-81	s	RES, CHIP 150K (1005)
R301	1-208-935-81	s	RES, CHIP 100K (1005)
R302	1-208-919-81	s	RES, CHIP 22K (1005)
R304	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R305	1-208-915-81	s	RES, CHIP 15K (1005)
R306	1-208-911-81	s	RES, CHIP 10K (1005)
R307	1-208-863-81	s	RES, CHIP 100 (1005)
R308	1-208-863-81	s	RES, CHIP 100 (1005)
R309	1-208-895-81	s	RES, CHIP 2.2K (1005)
R310	1-208-903-81	s	RES, CHIP 4.7K (1005)
R311	1-208-903-81	s	RES, CHIP 4.7K (1005)
R312	1-208-903-81	s	RES, CHIP 4.7K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R313	1-208-935-81	s	RES, CHIP 100K (1005)
R314	1-208-903-81	s	RES, CHIP 4.7K (1005)
R315	1-208-903-81	s	RES, CHIP 4.7K (1005)
R316	1-208-927-81	s	RES, CHIP 47K (1005)
R317	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R318	1-208-907-81	s	RES, CHIP 6.8K (1005)
R319	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R320	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R321	1-220-870-81	s	RES, CHIP 10 (1005)
R322	1-208-915-81	s	RES, CHIP 15K (1005)
R323	1-208-923-81	s	RES, CHIP 33K (1005)
R324	1-220-870-81	s	RES, CHIP 10 (1005)
R325	1-208-915-81	s	RES, CHIP 15K (1005)
R326	1-208-887-81	s	RES, CHIP 1.0K (1005)
R327	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R328	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R351	1-208-935-81	s	RES, CHIP 100K (1005)
R352	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R353	1-208-863-81	s	RES, CHIP 100 (1005)
R354	1-208-943-81	s	RES, CHIP 220K (1005)
R355	1-208-915-81	s	RES, CHIP 15K (1005)
R356	1-208-899-81	s	RES, CHIP 3.3K (1005)
R357	1-208-927-81	s	RES, CHIP 47K (1005)
R358	1-208-927-81	s	RES, CHIP 47K (1005)
R381	1-208-935-81	s	RES, CHIP 100K (1005)
R382	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R383	1-208-863-81	s	RES, CHIP 100 (1005)
R384	1-208-951-81	s	RES, CHIP 470K (1005)
R385	1-208-939-81	s	RES, CHIP 150K (1005)
R386	1-208-927-81	s	RES, CHIP 47K (1005)
R387	1-208-911-81	s	RES, CHIP 10K (1005)
R388	1-208-927-81	s	RES, CHIP 47K (1005)
R401	1-208-863-81	s	RES, CHIP 100 (1005)
R402	1-208-895-81	s	RES, CHIP 2.2K (1005)
R403	1-208-927-81	s	RES, CHIP 47K (1005)
R404	1-208-907-81	s	RES, CHIP 6.8K (1005)
R405	1-208-891-81	s	RES, CHIP 1.5K (1005)
R406	1-208-927-81	s	RES, CHIP 47K (1005)
R407	1-208-927-81	s	RES, CHIP 47K (1005)
R451	1-208-863-81	s	RES, CHIP 100 (1005)
R452	1-208-895-81	s	RES, CHIP 2.2K (1005)
R453	1-208-927-81	s	RES, CHIP 47K (1005)
R454	1-208-911-81	s	RES, CHIP 10K (1005)
R455	1-208-899-81	s	RES, CHIP 3.3K (1005)
R456	1-208-931-81	s	RES, CHIP 68K (1005)
R457	1-208-927-81	s	RES, CHIP 47K (1005)
R459	1-208-951-81	s	RES, CHIP 470K (1005)
R460	1-208-951-81	s	RES, CHIP 470K (1005)
R501	1-208-935-81	s	RES, CHIP 100K (1005)
R502	1-208-935-81	s	RES, CHIP 100K (1005)
R503	1-220-870-81	s	RES, CHIP 10 (1005)
R504	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R505	1-211-737-91	s	RES,SQUARE TYPE CHIP 0.47 3225
R506	1-208-863-81	s	RES, CHIP 100 (1005)
R507	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R508	1-208-947-81	s	RES, CHIP 330K (1005)
R509	1-208-911-81	s	RES, CHIP 10K (1005)
R510	1-208-907-81	s	RES, CHIP 6.8K (1005)
R511	1-208-935-81	s	RES, CHIP 100K (1005)
R512	1-208-919-81	s	RES, CHIP 22K (1005)
R513	1-208-899-81	s	RES, CHIP 3.3K (1005)
R601	1-208-935-81	s	RES, CHIP 100K (1005)
R602	1-208-919-81	s	RES, CHIP 22K (1005)
R603	1-208-919-81	s	RES, CHIP 22K (1005)
R604	1-208-895-81	s	RES, CHIP 2.2K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R605	1-208-911-81	s	RES, CHIP 10K (1005)
R606	1-208-859-81	s	RES, CHIP 68 (1005)
R607	1-208-919-81	s	RES, CHIP 22K (1005)
R608	1-208-931-81	s	RES, CHIP 68K (1005)
R609	1-208-927-81	s	RES, CHIP 47K (1005)
R610	1-208-887-81	s	RES, CHIP 1.0K (1005)
R611	1-208-927-81	s	RES, CHIP 47K (1005)
R612	1-208-911-81	s	RES, CHIP 10K (1005)
R662	1-218-990-81	s	CONDUCTOR, CHIP (1005)
THP101	1-802-108-11	s	THERMISTOR, POSITIVE

SDI-109 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1851-270-A	s	MOUNTED CIRCUIT BOARD, SDI-109
1pc	1-490-082-11	s	OPTICAL CONNECTOR (ATTENUATOR)
1pc	⚠ 1-840-881-12	s	MODULE, OPTICAL (SFP)
1pc	4-669-854-01	s	CAGE, TOP
C100	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C101	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C102	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C103	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C104	1-100-581-81	s	CAP,CHIP CERAMIC0.0047MF B1005
C105	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C106	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C107	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C108	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C109	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C110	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C111	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C112	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C113	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C114	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C115	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C117	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C118	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C119	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C120	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C121	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C122	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C123	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C126	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C127	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C128	1-164-936-81	s	CAP, CHIP CERAMIC 680PF B 1005
C129	1-164-936-81	s	CAP, CHIP CERAMIC 680PF B 1005
C130	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C131	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C132	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C133	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C136	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C137	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C138	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C139	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C140	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C141	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C142	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C143	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C144	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C145	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C146	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C147	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225

SDI-109 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C148	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C151	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C152	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C154	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C155	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C157	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C158	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C159	1-164-936-81	s	CAP, CHIP CERAMIC 680PF B 1005
C160	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C161	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C162	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C163	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C164	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C165	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C166	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C167	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C168	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C169	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C170	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C171	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C172	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C174	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C175	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C176	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C177	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C178	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C179	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C180	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C181	1-164-936-81	s	CAP, CHIP CERAMIC 680PF B 1005
C182	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C183	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C184	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C185	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C186	1-112-066-11	s	CAP, CERAMIC 10MF X7R 3216
C187	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C188	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C189	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C190	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C191	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C195	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C200	1-126-400-21	s	CAP, CHIP ELECT 22MF(6.3X5.7)
C201	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C202	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C205	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C207	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C208	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C209	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C210	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C211	1-126-400-21	s	CAP, CHIP ELECT 22MF(6.3X5.7)
C212	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C213	1-115-339-91	s	CAP, CERAMIC 0.1MF B (2012)
C214	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C215	1-126-400-21	s	CAP, CHIP ELECT 22MF(6.3X5.7)
C216	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C217	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C218	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C219	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C224	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C300	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C301	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C302	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C303	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C304	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C305	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C306	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
C307	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C308	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C309	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C310	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C311	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C312	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C313	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C314	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C315	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C316	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C317	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C318	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C319	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C320	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C321	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C322	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C323	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C324	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C325	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C326	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C327	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C328	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C329	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C330	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C331	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C332	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C333	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C334	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C335	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C336	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C337	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C338	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C339	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C340	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C341	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C342	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C343	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C344	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C345	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C346	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C347	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C348	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C349	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C350	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C351	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C352	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C353	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C354	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C355	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C356	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C357	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C358	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C359	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C360	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C361	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C362	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C363	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C364	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C365	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C366	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C367	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C368	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C369	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C370	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C371	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
C372	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C373	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C374	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C375	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C376	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C377	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C378	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C379	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C380	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C381	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C382	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C383	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C384	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C385	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C386	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C387	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C388	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C389	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C390	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C391	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C392	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C393	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C394	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C395	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C396	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C400	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C401	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C402	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C403	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C404	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C405	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C406	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C407	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C408	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C409	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C410	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C411	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C412	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C501	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C502	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C503	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C504	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C505	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C506	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C507	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C508	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C509	1-164-848-81	s	CAP, CHIP CERAMIC 8PF CH 1005
C510	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C512	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C513	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C514	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C515	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C516	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C517	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C518	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C520	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C521	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C522	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C524	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C525	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C526	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C527	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C528	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C529	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C530	1-165-989-91	s	CAP, CERAMIC 10MF (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
C531	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C532	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C533	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C534	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C536	1-164-848-81	s	CAP, CHIP CERAMIC 8PF CH 1005
C538	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C539	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C540	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C541	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C542	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C549	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C561	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C562	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C563	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C564	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C565	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C566	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C567	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C568	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C600	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C601	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C602	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C603	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C604	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C605	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C606	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C607	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C609	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C610	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C611	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C613	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C614	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C700	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C701	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C702	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C703	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C704	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C705	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C706	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C715	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C716	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C719	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C720	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C721	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C723	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C726	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C727	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C728	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C729	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C730	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C731	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C732	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C733	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C734	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C735	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C736	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C737	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C738	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C739	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C740	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C741	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C742	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C743	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C744	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C745	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)

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C746	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C747	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C748	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C749	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C750	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C751	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C761	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C762	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C763	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C764	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C833	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C933	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C937	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1000	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1001	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1003	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1004	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1005	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1006	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1007	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1008	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1009	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1010	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C1011	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1012	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1013	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1018	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C1019	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C1020	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C1100	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1101	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1102	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1103	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1104	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1105	1-127-956-21	s	CAP, CHIP FILM 0.1MF (3225)
C1106	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C1107	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C1108	1-127-956-21	s	CAP, CHIP FILM 0.1MF (3225)
C1109	1-127-950-21	s	CAP, CHIP FILM 0.01MF (2012)
C1112	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1113	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1120	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C1121	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C1122	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C1123	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1124	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1125	1-114-549-11	s	CAP, NIOBIUM ELECT 47UF
C1126	1-114-548-11	s	CAP, NIOBIUM ELECT 22UF
CN100	1-779-772-21	s	CONNECTOR 13P
CN101	1-817-318-21	s	PIN, CONNECTOR 6P
CN200	1-695-479-21	o	PIN, CONNECTOR (PC BOARD) 2P
CN301	1-843-236-11	s	HEADER ASSEMBLY FOR PWB ST 41P
CN302	1-843-236-11	s	HEADER ASSEMBLY FOR PWB ST 41P
CN500	1-764-243-31	o	CONNECTOR (COAXIAL)
CN601	1-784-254-21	s	CONNECTOR 10P
CN700	1-817-176-11	s	CONNECTOR, SFP FIBER CHANNEL
CN702	1-778-762-12	s	CONNECTOR, COAXIAL
CN705	1-778-762-12	s	CONNECTOR, COAXIAL
D100	8-719-083-60	s	DI UDZSUSTE-174.7B
D101	8-719-083-60	s	DI UDZSUSTE-174.7B
D102	6-502-197-01	s	DI SML-D12M8WT86SM
D200	8-719-083-67	s	DI UDZSUSTE-1720B
D201	8-719-069-59	s	DI UDZSUSTE-178.2B
D202	8-719-989-77	s	DIODE SC802-04-TE12RA

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Ref. No. or Q'ty	Part No.	SP	Description
D203	8-719-989-77	s	DIODE SC802-04-TE12RA
D204	8-719-989-77	s	DIODE SC802-04-TE12RA
D205	8-719-083-60	s	DI UDZSUSTE-174.7B
D206	8-719-083-60	s	DI UDZSUSTE-174.7B
D207	8-719-036-91	s	DIODE RD5.1SB-T1
D208	8-719-036-91	s	DIODE RD5.1SB-T1
D209	8-719-069-56	s	DI UDZSUSTE-176.2B
D210	8-719-024-71	s	DIODE 1SS362-TE85L
D500	8-719-821-08	s	DIODE 1SS271-TE85L
D501	8-719-024-71	s	DIODE 1SS362-TE85L
D600	6-502-598-01	s	DI SML-D12U8WT86
D700	6-502-598-01	s	DI SML-D12U8WT86
D701	6-502-598-01	s	DI SML-D12U8WT86
D703	6-502-598-01	s	DI SML-D12U8WT86
D1100	8-719-024-71	s	DIODE 1SS362-TE85L
D1101	6-502-598-01	s	DI SML-D12U8WT86
D1102	6-502-598-01	s	DI SML-D12U8WT86
D1103	6-502-598-01	s	DI SML-D12U8WT86
D1104	6-502-598-01	s	DI SML-D12U8WT86
D1105	6-502-598-01	s	DI SML-D12U8WT86
D1106	6-502-598-01	s	DI SML-D12U8WT86
D1107	6-502-598-01	s	DI SML-D12U8WT86
D1108	6-502-598-01	s	DI SML-D12U8WT86
D1109	6-502-197-01	s	DI SML-D12M8WT86SM
D1110	6-502-197-01	s	DI SML-D12M8WT86SM
D1111	8-719-024-71	s	DIODE 1SS362-TE85L
D1112	6-502-197-01	s	DI SML-D12M8WT86SM
D1113	6-502-197-01	s	DI SML-D12M8WT86SM
D1114	6-502-197-01	s	DI SML-D12M8WT86SM
D1115	6-502-197-01	s	DI SML-D12M8WT86SM
D1116	6-502-197-01	s	DI SML-D12M8WT86SM
D1117	6-502-197-01	s	DI SML-D12M8WT86SM
E101	1-780-408-11	o	TERMINAL, LUG
E102	1-780-408-11	o	TERMINAL, LUG
E103	1-780-408-11	o	TERMINAL, LUG
E104	1-780-408-11	o	TERMINAL, LUG
E105	1-535-877-22	s	CHIP, CHECKER
E106	1-535-877-22	s	CHIP, CHECKER
E107	1-535-877-22	s	CHIP, CHECKER
E108	1-535-877-22	s	CHIP, CHECKER
FB100	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB101	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB102	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB103	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB104	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB105	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB106	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB107	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB108	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB109	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB110	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB112	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB113	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB114	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB115	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB116	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB117	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB118	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB119	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB120	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB121	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB122	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB123	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB124	1-469-094-21	s	FERRITE, EMI (SMD) (1608)

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FB125	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB200	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB201	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB300	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB301	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB400	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB401	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB601	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB702	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB703	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB704	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB1000	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB1100	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FL500	1-233-345-21	s	FILTER, LOW PASS (5.5MHZ)
FL501	1-233-345-21	s	FILTER, LOW PASS (5.5MHZ)
IC100	8-759-327-01	s	IC NJM062V(TE2)
IC101	6-713-169-01	s	IC LTC3412AEFE#TR
IC102	6-713-169-01	s	IC LTC3412AEFE#TR
IC103	6-706-220-01	s	IC LTC3411EMS#TR
IC104	6-712-135-01	o	IC R1173H001D-T1-F
IC105	6-713-169-01	s	IC LTC3412AEFE#TR
IC107	8-759-327-01	s	IC NJM062V(TE2)
IC108	6-712-135-01	o	IC R1173H001D-T1-F
IC109	6-712-135-01	o	IC R1173H001D-T1-F
IC110	6-712-135-01	o	IC R1173H001D-T1-F
IC200	8-759-327-01	s	IC NJM062V(TE2)
IC203	6-704-976-01	s	IC ADR381ARTZ-REEL7
IC204	8-759-359-49	s	IC NJM3414AV(TE2)
IC207	6-706-482-01	s	IC TC7SH00FU
IC208	8-759-327-01	s	IC NJM062V(TE2)
IC212	6-706-487-01	s	IC TC7SH08FU
IC214	8-759-338-95	s	IC NJM2903V(TE2)
IC220	6-711-915-01	s	IC LM73CIMK-0
IC300	6-706-482-01	s	IC TC7SH00FU
IC400	6-714-534-01	s	IC W9864G2IH-6-ER10
IC401	6-714-534-01	s	IC W9864G2IH-6-ER10
IC500	6-706-471-01	s	IC THS5661AIPWR
IC501	8-759-327-01	s	IC NJM062V(TE2)
IC503	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC507	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC508	6-718-382-01	s	IC ML86V76653TBZ03A-7
IC509	6-706-471-01	s	IC THS5661AIPWR
IC600	6-702-879-01	s	IC R3112N281A-TR-FA
IC601	6-706-487-01	s	IC TC7SH08FU
IC602	6-706-487-01	s	IC TC7SH08FU
IC603	6-706-484-01	s	IC TC7SH04FU
IC606	6-707-843-01	s	IC TC74LCX125FT(EKJ)
IC612	6-706-487-01	s	IC TC7SH08FU
IC614	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC615	6-707-843-01	s	IC TC74LCX125FT(EKJ)
IC701	6-706-484-01	s	IC TC7SH04FU
IC702	6-706-484-01	s	IC TC7SH04FU
IC704	6-706-484-01	s	IC TC7SH04FU
IC708	6-706-482-01	s	IC TC7SH00FU
IC904	6-703-875-01	s	IC CDCVF2505PWR
IC908	6-700-804-01	s	IC SN74LVC574APWR
IC1003	6-706-487-01	s	IC TC7SH08FU
IC1101	6-706-478-01	s	IC TC7SET08FU
IC1102	8-759-485-24	s	IC MC74HC4046ADTR2
IC1103	6-706-478-01	s	IC TC7SET08FU
IC1111	8-759-669-66	s	IC TLC272CPWR-12
IC1122	6-702-982-01	s	IC TC7SA00FU(TE85R)
L100	1-457-372-21	s	COIL, CHOKE 1UH

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Ref. No. or Q'ty	Part No.	SP	Description
L101	1-457-372-21	s	COIL, CHOKE 1UH
L102	1-457-372-21	s	COIL, CHOKE 1UH
L103	1-419-630-21	s	COIL, CHOKE 4.7UH
L200	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L300	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L301	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L302	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L303	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L304	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L306	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L307	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L308	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L500	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L501	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L502	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L503	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L504	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L505	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L506	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L507	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L508	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L510	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L513	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L700	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L701	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L704	1-414-832-21	s	INDUCTOR, CHIP 2.2NH (1005)
L705	1-414-832-21	s	INDUCTOR, CHIP 2.2NH (1005)
L903	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L1100	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L1101	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L1102	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L1103	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L1104	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
Q100	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
Q101	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q102	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q103	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q106	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q107	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q108	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q200	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q201	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q202	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q203	6-552-494-01	s	TR SI2307CDS-T1-GE3
Q204	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q205	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q206	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q207	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q208	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q209	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q210	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q211	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q212	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q401	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q402	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q403	6-552-494-01	s	TR SI2307CDS-T1-GE3
Q500	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q600	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q700	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q701	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q702	6-552-494-01	s	TR SI2307CDS-T1-GE3
Q1100	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1101	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1102	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1103	8-729-928-82	s	TRANSISTOR DTC144EE-TL

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Ref. No. or Q'ty	Part No.	SP	Description
Q1104	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1105	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1106	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1107	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1108	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1109	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1110	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1111	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1116	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1117	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1118	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1119	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1120	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1121	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1122	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1123	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1124	8-729-928-82	s	TRANSISTOR DTC144EE-TL
R101	1-208-911-81	s	RES, CHIP 10K (1005)
R103	1-208-899-81	s	RES, CHIP 3.3K (1005)
R104	1-220-804-81	s	RES, CHIP 2.2M
R105	1-220-804-81	s	RES, CHIP 2.2M
R106	1-243-975-81	s	RES, CHIP 4.7M (1005)
R107	1-243-975-81	s	RES, CHIP 4.7M (1005)
R108	1-208-943-81	s	RES, CHIP 220K (1005)
R109	1-208-919-81	s	RES, CHIP 22K (1005)
R110	1-208-943-81	s	RES, CHIP 220K (1005)
R111	1-208-935-81	s	RES, CHIP 100K (1005)
R112	1-208-863-81	s	RES, CHIP 100 (1005)
R113	1-208-863-81	s	RES, CHIP 100 (1005)
R115	1-208-871-81	s	RES, CHIP 220 (1005)
R117	1-208-915-81	s	RES, CHIP 15K (1005)
R118	1-208-891-81	s	RES, CHIP 1.5K (1005)
R119	1-208-927-81	s	RES, CHIP 47K (1005)
R120	1-208-895-81	s	RES, CHIP 2.2K (1005)
R121	1-208-899-81	s	RES, CHIP 3.3K (1005)
R122	1-208-891-81	s	RES, CHIP 1.5K (1005)
R123	1-208-923-81	s	RES, CHIP 33K (1005)
R124	1-208-923-81	s	RES, CHIP 33K (1005)
R125	1-208-927-81	s	RES, CHIP 47K (1005)
R126	1-220-230-91	s	RES,SQUARE TYPE CHIP 2.2(3225)
R127	1-208-903-81	s	RES, CHIP 4.7K (1005)
R128	1-220-230-91	s	RES,SQUARE TYPE CHIP 2.2(3225)
R129	1-208-919-81	s	RES, CHIP 22K (1005)
R130	1-208-923-81	s	RES, CHIP 33K (1005)
R131	1-208-907-81	s	RES, CHIP 6.8K (1005)
R132	1-208-927-81	s	RES, CHIP 47K (1005)
R133	1-208-931-81	s	RES, CHIP 68K (1005)
R134	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R135	1-208-943-81	s	RES, CHIP 220K (1005)
R136	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R137	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R138	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R139	1-208-871-81	s	RES, CHIP 220 (1005)
R140	1-208-871-81	s	RES, CHIP 220 (1005)
R141	1-208-927-81	s	RES, CHIP 47K (1005)
R143	1-208-911-81	s	RES, CHIP 10K (1005)
R144	1-208-923-81	s	RES, CHIP 33K (1005)
R145	1-208-911-81	s	RES, CHIP 10K (1005)
R146	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R147	1-208-943-81	s	RES, CHIP 220K (1005)
R148	1-208-915-81	s	RES, CHIP 15K (1005)
R149	1-220-804-81	s	RES, CHIP 2.2M
R151	1-208-895-81	s	RES, CHIP 2.2K (1005)
R152	1-208-923-81	s	RES, CHIP 33K (1005)
R153	1-208-923-81	s	RES, CHIP 33K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R154	1-208-927-81	s	RES, CHIP 47K (1005)
R155	1-243-975-81	s	RES, CHIP 4.7M (1005)
R156	1-220-230-91	s	RES,SQUARE TYPE CHIP 2.2(3225)
R157	1-208-931-81	s	RES, CHIP 68K (1005)
R158	1-208-929-81	s	RES, CHIP 56K (1005)
R159	1-208-887-81	s	RES, CHIP 1.0K (1005)
R160	1-208-887-81	s	RES, CHIP 1.0K (1005)
R161	1-208-911-81	s	RES, CHIP 10K (1005)
R162	1-208-959-81	s	RES, CHIP 1M (1005)
R164	1-208-923-81	s	RES, CHIP 33K (1005)
R169	1-208-911-81	s	RES, CHIP 10K (1005)
R170	1-208-911-81	s	RES, CHIP 10K (1005)
R171	1-208-911-81	s	RES, CHIP 10K (1005)
R172	1-208-903-81	s	RES, CHIP 4.7K (1005)
R173	1-208-899-81	s	RES, CHIP 3.3K (1005)
R174	1-208-959-81	s	RES, CHIP 1M (1005)
R175	1-208-911-81	s	RES, CHIP 10K (1005)
R176	1-208-883-81	s	RES, CHIP 680 (1005)
R177	1-208-899-81	s	RES, CHIP 3.3K (1005)
R178	1-208-903-81	s	RES, CHIP 4.7K (1005)
R179	1-208-911-81	s	RES, CHIP 10K (1005)
R183	1-243-975-81	s	RES, CHIP 4.7M (1005)
R188	1-220-230-91	s	RES,SQUARE TYPE CHIP 2.2(3225)
R189	1-208-923-81	s	RES, CHIP 33K (1005)
R190	1-208-899-81	s	RES, CHIP 3.3K (1005)
R191	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R193	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R195	1-208-927-81	s	RES, CHIP 47K (1005)
R197	1-208-927-81	s	RES, CHIP 47K (1005)
R198	1-208-863-81	s	RES, CHIP 100 (1005)
R200	1-208-911-81	s	RES, CHIP 10K (1005)
R201	1-208-911-81	s	RES, CHIP 10K (1005)
R202	1-218-871-91	s	RES, CHIP 10K (1608)
R203	1-208-863-81	s	RES, CHIP 100 (1005)
R204	1-218-871-91	s	RES, CHIP 10K (1608)
R205	1-218-871-91	s	RES, CHIP 10K (1608)
R206	1-218-871-91	s	RES, CHIP 10K (1608)
R207	1-208-935-81	s	RES, CHIP 100K (1005)
R208	1-208-911-81	s	RES, CHIP 10K (1005)
R213	1-208-871-81	s	RES, CHIP 220 (1005)
R214	1-208-871-81	s	RES, CHIP 220 (1005)
R215	1-208-923-81	s	RES, CHIP 33K (1005)
R216	1-208-923-81	s	RES, CHIP 33K (1005)
R217	1-208-903-81	s	RES, CHIP 4.7K (1005)
R218	1-208-927-81	s	RES, CHIP 47K (1005)
R219	1-208-911-81	s	RES, CHIP 10K (1005)
R220	1-208-911-81	s	RES, CHIP 10K (1005)
R221	1-208-935-81	s	RES, CHIP 100K (1005)
R222	1-208-863-81	s	RES, CHIP 100 (1005)
R223	1-208-855-81	s	RES, CHIP 47 (1005)
R224	1-208-935-81	s	RES, CHIP 100K (1005)
R225	1-218-847-91	s	RES, CHIP 1.0K (1608)
R226	1-208-887-81	s	RES, CHIP 1.0K (1005)
R227	1-208-911-81	s	RES, CHIP 10K (1005)
R228	1-208-923-81	s	RES, CHIP 33K (1005)
R229	1-218-839-91	s	RES, CHIP 470 (1608)
R230	1-208-863-81	s	RES, CHIP 100 (1005)
R231	1-208-863-81	s	RES, CHIP 100 (1005)
R232	1-208-887-81	s	RES, CHIP 1.0K (1005)
R233	1-208-887-81	s	RES, CHIP 1.0K (1005)
R234	1-208-911-81	s	RES, CHIP 10K (1005)
R235	1-208-923-81	s	RES, CHIP 33K (1005)
R236	1-208-923-81	s	RES, CHIP 33K (1005)
R237	1-208-911-81	s	RES, CHIP 10K (1005)
R238	1-218-855-91	s	RES, CHIP 2.2K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R239	1-208-883-81	s	RES, CHIP 680 (1005)
R240	1-208-883-81	s	RES, CHIP 680 (1005)
R241	1-208-907-81	s	RES, CHIP 6.8K (1005)
R245	1-208-907-81	s	RES, CHIP 6.8K (1005)
R246	1-208-887-81	s	RES, CHIP 1.0K (1005)
R247	1-208-887-81	s	RES, CHIP 1.0K (1005)
R249	1-208-919-81	s	RES, CHIP 22K (1005)
R250	1-208-919-81	s	RES, CHIP 22K (1005)
R251	1-208-919-81	s	RES, CHIP 22K (1005)
R254	1-208-927-81	s	RES, CHIP 47K (1005)
R256	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R257	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R261	1-208-903-81	s	RES, CHIP 4.7K (1005)
R262	1-208-903-81	s	RES, CHIP 4.7K (1005)
R264	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R300	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R301	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R310	1-220-870-81	s	RES, CHIP 10 (1005)
R403	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R404	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R405	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R406	1-220-870-81	s	RES, CHIP 10 (1005)
R409	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R410	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R411	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R412	1-208-863-81	s	RES, CHIP 100 (1005)
R413	1-208-863-81	s	RES, CHIP 100 (1005)
R415	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R416	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R417	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R418	1-208-895-81	s	RES, CHIP 2.2K (1005)
R419	1-208-895-81	s	RES, CHIP 2.2K (1005)
R420	1-208-935-81	s	RES, CHIP 100K (1005)
R421	1-208-911-81	s	RES, CHIP 10K (1005)
R500	1-208-863-81	s	RES, CHIP 100 (1005)
R501	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R502	1-208-863-81	s	RES, CHIP 100 (1005)
R503	1-208-863-81	s	RES, CHIP 100 (1005)
R505	1-208-863-81	s	RES, CHIP 100 (1005)
R506	1-208-863-81	s	RES, CHIP 100 (1005)
R508	1-208-855-81	s	RES, CHIP 47 (1005)
R509	1-208-903-81	s	RES, CHIP 4.7K (1005)
R510	1-208-863-81	s	RES, CHIP 100 (1005)
R511	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R512	1-208-855-81	s	RES, CHIP 47 (1005)
R513	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R514	1-208-915-81	s	RES, CHIP 15K (1005)
R515	1-208-899-81	s	RES, CHIP 3.3K (1005)
R516	1-208-903-81	s	RES, CHIP 4.7K (1005)
R517	1-208-863-81	s	RES, CHIP 100 (1005)
R518	1-208-875-81	s	RES, CHIP 330 (1005)
R520	1-208-903-81	s	RES, CHIP 4.7K (1005)
R521	1-208-863-81	s	RES, CHIP 100 (1005)
R522	1-208-887-81	s	RES, CHIP 1.0K (1005)
R524	1-208-951-81	s	RES, CHIP 470K (1005)
R525	1-208-887-81	s	RES, CHIP 1.0K (1005)
R526	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R527	1-208-863-81	s	RES, CHIP 100 (1005)
R528	1-208-907-81	s	RES, CHIP 6.8K (1005)
R529	1-208-887-81	s	RES, CHIP 1K (1005)
R530	1-208-939-81	s	RES, CHIP 150K (1005)
R531	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R532	1-208-923-81	s	RES, CHIP 33K (1005)
R533	1-208-903-81	s	RES, CHIP 4.7K (1005)
R534	1-208-875-81	s	RES, CHIP 330 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R535	1-208-863-81	s	RES, CHIP 100 (1005)
R536	1-208-867-81	s	RES, CHIP 150 (1005)
R537	1-208-863-81	s	RES, CHIP 100 (1005)
R538	1-208-867-81	s	RES, CHIP 150 (1005)
R539	1-208-863-81	s	RES, CHIP 100 (1005)
R540	1-208-887-81	s	RES, CHIP 1.0K (1005)
R541	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R542	1-208-855-81	s	RES, CHIP 47 (1005)
R543	1-208-871-81	s	RES, CHIP 220 (1005)
R544	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R545	1-208-895-81	s	RES, CHIP 2.2K (1005)
R546	1-208-911-81	s	RES, CHIP 10K (1005)
R547	1-208-867-81	s	RES, CHIP 150 (1005)
R548	1-208-907-81	s	RES, CHIP 6.8K (1005)
R549	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R550	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R551	1-208-859-81	s	RES, CHIP 68 (1005)
R552	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R553	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R554	1-208-915-81	s	RES, CHIP 15K (1005)
R555	1-208-899-81	s	RES, CHIP 3.3K (1005)
R556	1-208-863-81	s	RES, CHIP 100 (1005)
R557	1-220-870-81	s	RES, CHIP 10 (1005)
R558	1-208-911-81	s	RES, CHIP 10K (1005)
R559	1-208-911-81	s	RES, CHIP 10K (1005)
R560	1-220-870-81	s	RES, CHIP 10 (1005)
R561	1-208-903-81	s	RES, CHIP 4.7K (1005)
R562	1-208-875-81	s	RES, CHIP 330 (1005)
R563	1-220-870-81	s	RES, CHIP 10 (1005)
R564	1-208-887-81	s	RES, CHIP 1.0K (1005)
R566	1-208-887-81	s	RES, CHIP 1.0K (1005)
R567	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R568	1-208-863-81	s	RES, CHIP 100 (1005)
R569	1-208-887-81	s	RES, CHIP 1K (1005)
R570	1-208-903-81	s	RES, CHIP 4.7K (1005)
R571	1-208-875-81	s	RES, CHIP 330 (1005)
R572	1-208-871-81	s	RES, CHIP 220 (1005)
R573	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R574	1-208-895-81	s	RES, CHIP 2.2K (1005)
R575	1-220-870-81	s	RES, CHIP 10 (1005)
R583	1-208-855-81	s	RES, CHIP 47 (1005)
R584	1-220-870-81	s	RES, CHIP 10 (1005)
R585	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R589	1-208-863-81	s	RES, CHIP 100 (1005)
R590	1-208-871-81	s	RES, CHIP 220 (1005)
R591	1-208-863-81	s	RES, CHIP 100 (1005)
R592	1-208-863-81	s	RES, CHIP 100 (1005)
R600	1-208-935-81	s	RES, CHIP 100K (1005)
R601	1-208-863-81	s	RES, CHIP 100 (1005)
R602	1-208-911-81	s	RES, CHIP 10K (1005)
R603	1-208-863-81	s	RES, CHIP 100 (1005)
R604	1-208-911-81	s	RES, CHIP 10K (1005)
R605	1-208-855-81	s	RES, CHIP 47 (1005)
R606	1-220-870-81	s	RES, CHIP 10 (1005)
R607	1-208-855-81	s	RES, CHIP 47 (1005)
R608	1-208-855-81	s	RES, CHIP 47 (1005)
R609	1-208-863-81	s	RES, CHIP 100 (1005)
R610	1-208-863-81	s	RES, CHIP 100 (1005)
R611	1-208-863-81	s	RES, CHIP 100 (1005)
R612	1-208-863-81	s	RES, CHIP 100 (1005)
R613	1-208-863-81	s	RES, CHIP 100 (1005)
R614	1-208-863-81	s	RES, CHIP 100 (1005)
R615	1-208-887-81	s	RES, CHIP 1.0K (1005)
R616	1-208-911-81	s	RES, CHIP 10K (1005)
R618	1-208-863-81	s	RES, CHIP 100 (1005)

SDI-109 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R619	1-208-863-81	s	RES, CHIP 100 (1005)
R622	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R624	1-208-863-81	s	RES, CHIP 100 (1005)
R625	1-208-887-81	s	RES, CHIP 1.0K (1005)
R626	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R627	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R628	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R629	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R630	1-208-863-81	s	RES, CHIP 100 (1005)
R632	1-208-911-81	s	RES, CHIP 10K (1005)
R633	1-208-911-81	s	RES, CHIP 10K (1005)
R634	1-208-911-81	s	RES, CHIP 10K (1005)
R635	1-208-911-81	s	RES, CHIP 10K (1005)
R636	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R702	1-208-911-81	s	RES, CHIP 10K (1005)
R703	1-208-911-81	s	RES, CHIP 10K (1005)
R704	1-208-911-81	s	RES, CHIP 10K (1005)
R705	1-208-911-81	s	RES, CHIP 10K (1005)
R706	1-208-887-81	s	RES, CHIP 1.0K (1005)
R707	1-208-887-81	s	RES, CHIP 1.0K (1005)
R708	1-208-935-81	s	RES, CHIP 100K (1005)
R709	1-208-911-81	s	RES, CHIP 10K (1005)
R710	1-208-860-81	s	RES, CHIP 75 (1005)
R715	1-208-903-81	s	RES, CHIP 4.7K (1005)
R716	1-208-903-81	s	RES, CHIP 4.7K (1005)
R719	1-208-863-81	s	RES, CHIP 100 (1005)
R720	1-208-863-81	s	RES, CHIP 100 (1005)
R723	1-208-863-81	s	RES, CHIP 100 (1005)
R727	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R734	1-208-863-81	s	RES, CHIP 100 (1005)
R737	1-220-870-81	s	RES, CHIP 10 (1005)
R738	1-220-878-81	s	RES, CHIP 22 (1005)
R739	1-208-883-81	s	RES, CHIP 680 (1005)
R740	1-208-863-81	s	RES, CHIP 100 (1005)
R741	1-208-911-81	s	RES, CHIP 10K (1005)
R742	1-208-911-81	s	RES, CHIP 10K (1005)
R744	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R745	1-208-871-81	s	RES, CHIP 220 (1005)
R746	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R747	1-208-860-81	s	RES, CHIP 75 (1005)
R748	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R749	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R750	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R751	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R752	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R753	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R754	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R759	1-208-911-81	s	RES, CHIP 10K (1005)
R760	1-208-911-81	s	RES, CHIP 10K (1005)
R761	1-208-911-81	s	RES, CHIP 10K (1005)
R762	1-208-911-81	s	RES, CHIP 10K (1005)
R765	1-208-860-81	s	RES, CHIP 75 (1005)
R766	1-208-883-81	s	RES, CHIP 680 (1005)
R767	1-208-859-81	s	RES, CHIP 68 (1005)
R770	1-208-863-81	s	RES, CHIP 100 (1005)
R773	1-208-863-81	s	RES, CHIP 100 (1005)
R774	1-208-863-81	s	RES, CHIP 100 (1005)
R776	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R791	1-208-863-81	s	RES, CHIP 100 (1005)
R793	1-208-911-81	s	RES, CHIP 10K (1005)
R794	1-208-911-81	s	RES, CHIP 10K (1005)
R795	1-208-911-81	s	RES, CHIP 10K (1005)
R796	1-208-911-81	s	RES, CHIP 10K (1005)
R797	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R889	1-208-871-81	s	RES, CHIP 220 (1005)

SDI-109 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R890	1-208-871-81	s	RES, CHIP 220 (1005)
R892	1-208-871-81	s	RES, CHIP 220 (1005)
R893	1-208-871-81	s	RES, CHIP 220 (1005)
R895	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R896	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R897	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R898	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R948	1-220-870-81	s	RES, CHIP 10 (1005)
R949	1-208-895-81	s	RES, CHIP 2.2K (1005)
R952	1-220-870-81	s	RES, CHIP 10 (1005)
R953	1-220-870-81	s	RES, CHIP 10 (1005)
R955	1-220-870-81	s	RES, CHIP 10 (1005)
R956	1-208-855-81	s	RES, CHIP 47 (1005)
R958	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R960	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R962	1-208-871-81	s	RES, CHIP 220 (1005)
R963	1-208-871-81	s	RES, CHIP 220 (1005)
R964	1-208-871-81	s	RES, CHIP 220 (1005)
R966	1-208-855-81	s	RES, CHIP 47 (1005)
R967	1-208-855-81	s	RES, CHIP 47 (1005)
R968	1-208-855-81	s	RES, CHIP 47 (1005)
R969	1-208-855-81	s	RES, CHIP 47 (1005)
R971	1-208-871-81	s	RES, CHIP 220 (1005)
R972	1-208-871-81	s	RES, CHIP 220 (1005)
R973	1-208-871-81	s	RES, CHIP 220 (1005)
R974	1-208-871-81	s	RES, CHIP 220 (1005)
R978	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R979	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R980	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1001	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1002	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1003	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1005	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1006	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1007	1-218-871-91	s	RES, CHIP 10K (1608)
R1008	1-218-871-91	s	RES, CHIP 10K (1608)
R1013	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1018	1-208-911-81	s	RES, CHIP 10K (1005)
R1019	1-208-911-81	s	RES, CHIP 10K (1005)
R1020	1-208-855-81	s	RES, CHIP 47 (1005)
R1021	1-208-855-81	s	RES, CHIP 47 (1005)
R1024	1-220-878-81	s	RES, CHIP 22 (1005)
R1025	1-220-878-81	s	RES, CHIP 22 (1005)
R1026	1-220-878-81	s	RES, CHIP 22 (1005)
R1027	1-220-878-81	s	RES, CHIP 22 (1005)
R1028	1-220-878-81	s	RES, CHIP 22 (1005)
R1029	1-220-878-81	s	RES, CHIP 22 (1005)
R1030	1-220-870-81	s	RES, CHIP 10 (1005)
R1031	1-220-870-81	s	RES, CHIP 10 (1005)
R1032	1-220-870-81	s	RES, CHIP 10 (1005)
R1033	1-220-870-81	s	RES, CHIP 10 (1005)
R1034	1-220-870-81	s	RES, CHIP 10 (1005)
R1035	1-220-870-81	s	RES, CHIP 10 (1005)
R1036	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1037	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1038	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1039	1-220-870-81	s	RES, CHIP 10 (1005)
R1100	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1101	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1102	1-208-863-81	s	RES, CHIP 100 (1005)
R1103	1-208-863-81	s	RES, CHIP 100 (1005)
R1104	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1105	1-208-863-81	s	RES, CHIP 100 (1005)
R1106	1-208-863-81	s	RES, CHIP 100 (1005)
R1107	1-208-895-81	s	RES, CHIP 2.2K (1005)

SDI-109 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R1108	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1109	1-208-871-81	s	RES, CHIP 220 (1005)
R1110	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1114	1-208-927-81	s	RES, CHIP 47K (1005)
R1115	1-208-927-81	s	RES, CHIP 47K (1005)
R1116	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1117	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1118	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1119	1-208-911-81	s	RES, CHIP 10K (1005)
R1120	1-208-911-81	s	RES, CHIP 10K (1005)
R1121	1-208-919-81	s	RES, CHIP 22K (1005)
R1122	1-208-911-81	s	RES, CHIP 10K (1005)
R1123	1-208-911-81	s	RES, CHIP 10K (1005)
R1124	1-208-919-81	s	RES, CHIP 22K (1005)
R1135	1-220-870-81	s	RES, CHIP 10 (1005)
R1136	1-220-870-81	s	RES, CHIP 10 (1005)
R1137	1-208-959-81	s	RES, CHIP 1M (1005)
R1138	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1139	1-220-870-81	s	RES, CHIP 10 (1005)
R1140	1-208-871-81	s	RES, CHIP 220 (1005)
R1141	1-208-911-81	s	RES, CHIP 10K (1005)
R1142	1-208-927-81	s	RES, CHIP 47K (1005)
R1143	1-208-911-81	s	RES, CHIP 10K (1005)
R1144	1-208-927-81	s	RES, CHIP 47K (1005)
R1145	1-208-927-81	s	RES, CHIP 47K (1005)
RB400	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB401	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB402	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB403	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB404	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB405	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB406	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB407	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB408	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB409	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB410	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB411	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB412	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB413	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB414	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB415	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB416	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB417	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB418	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB419	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB420	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB500	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB501	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB502	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB503	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB504	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB505	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB506	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB507	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB508	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB509	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB510	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB511	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB513	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB514	1-234-381-21	s	RES, NETWORK 100K (1005X4)
RB600	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB601	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB602	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB603	1-234-371-21	s	RES, NETWORK 47 (1005X4)

SDI-109 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
RB604	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB605	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB606	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB700	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB1100	1-234-381-21	s	RES, NETWORK 100K (1005X4)
RB1101	1-234-381-21	s	RES, NETWORK 100K (1005X4)
RB1105	1-234-376-21	s	RES, NETWORK 2.2K (1005X4)
RB1106	1-234-376-21	s	RES, NETWORK 2.2K (1005X4)
RB1107	1-234-375-21	s	RES, NETWORK 1K (1005X4)
RB1108	1-234-375-21	s	RES, NETWORK 1K (1005X4)
S1100	1-692-271-41	s	SWITCH, SLIDE
S1103	1-771-721-21	s	SWITCH, TACTILE
THP100 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP101 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP102 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP103 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP104 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP105 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP106 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP107 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP108 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP109 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
THP110 ⚠	1-804-616-21	s	THERMISTOR, POSITIVE
TP500	1-535-877-22	s	CHIP, CHECKER
TP501	1-535-877-22	s	CHIP, CHECKER
TP502	1-535-877-22	s	CHIP, CHECKER
TP503	1-535-877-22	s	CHIP, CHECKER
TP504	1-535-877-22	s	CHIP, CHECKER
TP505	1-535-877-22	s	CHIP, CHECKER
TP900	1-535-877-22	s	CHIP, CHECKER
TP901	1-535-877-22	s	CHIP, CHECKER
TP902	1-535-877-22	s	CHIP, CHECKER
TP1001	1-535-877-22	s	CHIP, CHECKER
TP1002	1-535-877-22	s	CHIP, CHECKER
TP1100	1-535-877-22	s	CHIP, CHECKER
X1000	1-814-291-11	s	OSCILLATOR, CRYSTAL (25MHZ)
X1100	1-795-670-12	s	OSCILLATOR, CRYSTAL (VCXO) 3.3V
X1101	1-795-671-12	s	OSCILLATOR, CRYSTAL (VCXO) 3.3V

SW-1536 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-417-A	s	MOUNTED CIRCUIT BOARD, SW-1536
CN3 ⚠	1-691-959-11	s	PIN, CONNECTOR (PC BOARD) 4P
CN4 ⚠	1-691-756-11	o	PIN, CONNECTOR (PC BOARD) 2P
F1 ⚠	1-576-226-51	s	FUSE (H.B.C.) (1.25A/250V)
F2 ⚠	1-576-229-51	s	FUSE (H.B.C.) (2.5A/250V)
FH1 ⚠	1-533-189-11	s	HOLDER, FUSE (0A/0V)
FH2 ⚠	1-533-189-11	s	HOLDER, FUSE (0A/0V)
FH3 ⚠	1-533-189-11	s	HOLDER, FUSE (0A/0V)
FH4 ⚠	1-533-189-11	s	HOLDER, FUSE (0A/0V)
S1 ⚠	1-798-301-11	s	SWITCH, VOLTAGE SELECTION
S2 ⚠	1-798-301-11	s	SWITCH, VOLTAGE SELECTION

SW-1537 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-436-A	s	MOUNTED CIRCUIT BOARD, SW-1537
C16	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C501	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C502	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C503	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C504	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C505	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C506	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C507	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C508	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C509	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C510	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C511	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C512	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C513	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C514	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
CN501	1-793-152-21	o	CONNECTOR 11P
CN502	1-784-254-21	s	CONNECTOR 10P
D501	8-719-069-28	s	DI 1SS400FJTE61
D502	8-719-069-28	s	DI 1SS400FJTE61
R501	1-208-855-81	s	RES, CHIP 47 (1005)
R509	1-208-887-81	s	RES, CHIP 1.0K (1005)
R510	1-208-887-81	s	RES, CHIP 1.0K (1005)
R511	1-208-887-81	s	RES, CHIP 1.0K (1005)
R512	1-208-887-81	s	RES, CHIP 1.0K (1005)
R513	1-208-887-81	s	RES, CHIP 1.0K (1005)
R514	1-208-887-81	s	RES, CHIP 1.0K (1005)
R516	1-208-887-81	s	RES, CHIP 1.0K (1005)
R517	1-208-887-81	s	RES, CHIP 1.0K (1005)
R518	1-208-887-81	s	RES, CHIP 1.0K (1005)
R519	1-208-887-81	s	RES, CHIP 1.0K (1005)
R520	1-208-887-81	s	RES, CHIP 1.0K (1005)
R521	1-208-887-81	s	RES, CHIP 1.0K (1005)
R522	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R524	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R525	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R528	1-218-990-81	s	CONDUCTOR, CHIP (1005)
RV501	1-223-741-11	s	RES, METAL CARBON VAR 50K
RV502	1-223-741-11	s	RES, METAL CARBON VAR 50K
RV503	1-223-741-11	s	RES, METAL CARBON VAR 50K
RV504	1-223-741-11	s	RES, METAL CARBON VAR 50K
RV505	1-223-741-11	s	RES, METAL CARBON VAR 50K
RV506	1-223-741-11	s	RES, METAL CARBON VAR 50K
S501	1-762-122-21	s	SWITCH, TOGGLE
S502	1-762-122-21	s	SWITCH, TOGGLE
S503	1-762-124-21	s	SWITCH, TOGGLE
S504	1-762-124-21	s	SWITCH, TOGGLE

SW-1537C BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-437-A	s	MOUNTED CIRCUIT BOARD, SW-1537C
C16	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C501	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C502	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C503	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C504	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C505	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005

SW-1537C BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C506	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C507	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C508	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C509	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C510	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C511	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C512	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C513	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C514	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
CN501	1-793-152-21	o	CONNECTOR 11P
CN502	1-784-254-21	s	CONNECTOR 10P
D501	8-719-069-28	s	DI 1SS400FJTE61
D502	8-719-069-28	s	DI 1SS400FJTE61
R502	1-208-855-81	s	RES, CHIP 47 (1005)
R509	1-208-887-81	s	RES, CHIP 1.0K (1005)
R510	1-208-887-81	s	RES, CHIP 1.0K (1005)
R511	1-208-887-81	s	RES, CHIP 1.0K (1005)
R512	1-208-887-81	s	RES, CHIP 1.0K (1005)
R513	1-208-887-81	s	RES, CHIP 1.0K (1005)
R514	1-208-887-81	s	RES, CHIP 1.0K (1005)
R516	1-208-887-81	s	RES, CHIP 1.0K (1005)
R517	1-208-887-81	s	RES, CHIP 1.0K (1005)
R518	1-208-887-81	s	RES, CHIP 1.0K (1005)
R519	1-208-887-81	s	RES, CHIP 1.0K (1005)
R520	1-208-887-81	s	RES, CHIP 1.0K (1005)
R521	1-208-887-81	s	RES, CHIP 1.0K (1005)
R523	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R526	1-218-990-81	s	CONDUCTOR, CHIP (1005)
RV501	1-223-741-11	s	RES, METAL CARBON VAR 50K
RV502	1-223-741-11	s	RES, METAL CARBON VAR 50K
RV503	1-223-741-11	s	RES, METAL CARBON VAR 50K
RV504	1-223-741-11	s	RES, METAL CARBON VAR 50K
RV505	1-223-741-11	s	RES, METAL CARBON VAR 50K
S503	1-762-123-21	s	SWITCH, TOGGLE
S504	1-762-123-21	s	SWITCH, TOGGLE

SW-1538 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1879-411-A	s	MOUNTED CIRCUIT BOARD, SW-1538
C101	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C102	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C103	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C104	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C105	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C106	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C107	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C108	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C109	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C110	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C112	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C113	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
CN101	1-784-625-31	s	CONNECTOR, FFC/FPC(ZIF) AN 30P
CN102	1-778-645-31	s	CONNECTOR, FFC/FPC(ZIF) AN 10P
D101	8-719-082-45	s	DIODE RB715W-TL
D102	6-502-843-01	s	DI CL-165HR/HG5-D-T
D103	8-719-989-06	s	DIODE RB717F-T106
D104	8-719-069-28	s	DI 1SS400FJTE61
D105	8-719-069-28	s	DI 1SS400FJTE61

SW-1538 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
D106	8-719-069-28	s	DI 1SS400FJTE61
D107	8-719-069-28	s	DI 1SS400FJTE61
D109	8-719-069-28	s	DI 1SS400FJTE61
D110	8-719-069-28	s	DI 1SS400FJTE61
D111	8-719-069-28	s	DI 1SS400FJTE61
D113	8-719-069-28	s	DI 1SS400FJTE61
D114	8-719-069-28	s	DI 1SS400FJTE61
D115	8-719-069-28	s	DI 1SS400FJTE61
D116	8-719-069-28	s	DI 1SS400FJTE61
D117	8-719-069-28	s	DI 1SS400FJTE61
D118	8-719-069-28	s	DI 1SS400FJTE61
D119	8-719-069-28	s	DI 1SS400FJTE61
D120	8-719-069-28	s	DI 1SS400FJTE61
D121	8-719-069-28	s	DI 1SS400FJTE61
D122	8-719-069-28	s	DI 1SS400FJTE61
D123	8-719-069-28	s	DI 1SS400FJTE61
D124	8-719-069-28	s	DI 1SS400FJTE61
D125	8-719-069-28	s	DI 1SS400FJTE61
D127	8-719-069-28	s	DI 1SS400FJTE61
D128	8-719-069-28	s	DI 1SS400FJTE61
D129	8-719-069-28	s	DI 1SS400FJTE61
D130	8-719-069-28	s	DI 1SS400FJTE61
D131	8-719-069-28	s	DI 1SS400FJTE61
D132	8-719-069-28	s	DI 1SS400FJTE61
D133	8-719-069-28	s	DI 1SS400FJTE61
D134	8-719-069-28	s	DI 1SS400FJTE61
D135	8-719-069-28	s	DI 1SS400FJTE61
D136	8-719-069-28	s	DI 1SS400FJTE61
D137	8-719-069-28	s	DI 1SS400FJTE61
D138	8-719-069-28	s	DI 1SS400FJTE61
D139	8-719-069-28	s	DI 1SS400FJTE61
D140	8-719-069-28	s	DI 1SS400FJTE61
D142	8-719-069-28	s	DI 1SS400FJTE61
D143	8-719-069-28	s	DI 1SS400FJTE61
D144	8-719-069-28	s	DI 1SS400FJTE61
D145	8-719-069-28	s	DI 1SS400FJTE61
D146	8-719-069-28	s	DI 1SS400FJTE61
D147	8-719-069-28	s	DI 1SS400FJTE61
D149	8-719-069-28	s	DI 1SS400FJTE61
D150	8-719-069-28	s	DI 1SS400FJTE61
D151	8-719-069-28	s	DI 1SS400FJTE61
D152	8-719-069-28	s	DI 1SS400FJTE61
D153	8-719-069-28	s	DI 1SS400FJTE61
D154	8-719-069-28	s	DI 1SS400FJTE61
D155	8-719-069-28	s	DI 1SS400FJTE61
D156	8-719-069-28	s	DI 1SS400FJTE61
D157	8-719-069-28	s	DI 1SS400FJTE61
D159	8-719-069-28	s	DI 1SS400FJTE61
EN101	1-473-435-11	s	ENCODER, ROTARY
IC101	6-704-238-01	s	IC S-812C30AUA-C2KT2G
IC103	8-759-524-40	s	IC TC74VHC373FT(EL)
IC105	8-759-524-40	s	IC TC74VHC373FT(EL)
L101	1-457-439-11	s	CHOKE COIL (SMD) 4.7UH
Q101	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q102	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q103	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q104	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q105	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q106	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q107	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q108	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q109	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q110	8-729-928-91	s	TRANSISTOR DTC114EE-TL

SW-1538 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R101	1-218-823-91	s	RES, CHIP 100 (1608)
R102	1-218-831-91	s	RES, CHIP 220 (1608)
R103	1-218-823-91	s	RES, CHIP 100 (1608)
R104	1-218-831-91	s	RES, CHIP 220 (1608)
R105	1-218-831-91	s	RES, CHIP 220 (1608)
R106	1-218-831-91	s	RES, CHIP 220 (1608)
R107	1-218-823-91	s	RES, CHIP 100 (1608)
R108	1-218-823-91	s	RES, CHIP 100 (1608)
R109	1-218-823-91	s	RES, CHIP 100 (1608)
R110	1-218-823-91	s	RES, CHIP 100 (1608)
R111	1-218-823-91	s	RES, CHIP 100 (1608)
R112	1-218-823-91	s	RES, CHIP 100 (1608)
R113	1-218-831-91	s	RES, CHIP 220 (1608)
R114	1-218-823-91	s	RES, CHIP 100 (1608)
R115	1-218-823-91	s	RES, CHIP 100 (1608)
R116	1-218-823-91	s	RES, CHIP 100 (1608)
R117	1-218-823-91	s	RES, CHIP 100 (1608)
R118	1-218-831-91	s	RES, CHIP 220 (1608)
R120	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R121	1-218-887-91	s	RES, CHIP 47K (1608)
R122	1-218-887-91	s	RES, CHIP 47K (1608)
RV101	1-223-741-11	s	RES, METAL CARBON VAR 50K
RV102	1-223-741-11	s	RES, METAL CARBON VAR 50K
RV103	1-223-741-11	s	RES, METAL CARBON VAR 50K
RV104	1-223-741-11	s	RES, METAL CARBON VAR 50K
RV105	1-223-741-11	s	RES, METAL CARBON VAR 50K
S101	1-762-133-12	s	SWITCH, TACTILE (ILLUMINATED)
S102	1-762-122-21	s	SWITCH, TOGGLE
S103	1-762-122-21	s	SWITCH, TOGGLE
S104	1-762-123-21	s	SWITCH, TOGGLE
S105	1-762-531-21	s	SWITCH, TOGGLE
S106	1-786-840-11	s	SWITCH, ROTARY
S107	1-786-840-11	s	SWITCH, ROTARY
S108	1-762-123-21	s	SWITCH, TOGGLE
S109	1-762-122-21	s	SWITCH, TOGGLE
S110	1-786-839-11	s	SWITCH, PUSH
S111	1-786-839-11	s	SWITCH, PUSH
S112	1-786-839-11	s	SWITCH, PUSH
S113	1-762-132-12	s	SWITCH, TACTILE (ILLUMINATED)
S114	1-762-131-12	s	SWITCH, TACTILE (ILLUMINATED)
S115	1-692-994-12	s	SWITCH, TACTILE (ILLUMINATED)
S116	1-692-994-12	s	SWITCH, TACTILE (ILLUMINATED)
S117	1-786-839-11	s	SWITCH, PUSH
S118	1-786-840-11	s	SWITCH, ROTARY
S119	1-762-129-12	s	SWITCH, TACTILE (ILLUMINATED)
S120	1-762-122-21	s	SWITCH, TOGGLE
S121	1-786-839-11	s	SWITCH, PUSH
S122	1-786-840-11	s	SWITCH, ROTARY
S123	1-762-129-22	s	SWITCH, TACTILE (ILLUMINATED)
S124	1-762-122-21	s	SWITCH, TOGGLE
S125	1-692-994-12	s	SWITCH, TACTILE (ILLUMINATED)
S126	1-786-839-11	s	SWITCH, PUSH
S127	1-786-840-11	s	SWITCH, ROTARY
S128	1-762-129-32	s	SWITCH, TACTILE (ILLUMINATED)
S129	1-762-122-21	s	SWITCH, TOGGLE
S130	1-762-132-22	s	SWITCH, TACTILE (ILLUMINATED)

SY-408 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1867-057-A	s	MOUNTED CIRCUIT BOARD, SY-408

SY-408 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
3pcs	3-729-061-02	s	SCREW (M2) (TYPE 1)
BT301	1-251-928-21	s	SOCKET, BATTERY
C1	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C4	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C5	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C6	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C7	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C8	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C9	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C10	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C11	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C12	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C13	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C14	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C15	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C16	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C17	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C18	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C19	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C20	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C21	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C22	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C23	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C24	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C101	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C102	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C103	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C104	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C105	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C106	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C107	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C108	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C109	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C110	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C111	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C112	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C113	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C114	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C115	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C116	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C117	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C118	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C119	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C120	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C121	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C122	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C123	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C124	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C125	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C127	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C128	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C129	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C130	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C131	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C132	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C133	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C135	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C136	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C137	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C139	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C140	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C141	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

SY-408 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C142	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C143	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C144	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C145	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C146	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C147	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C148	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C149	1-100-581-81	s	CAP,CHIP CERAMIC0.0047MF B1005
C150	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C151	1-100-581-81	s	CAP,CHIP CERAMIC0.0047MF B1005
C152	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C153	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C154	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C155	1-116-082-11	s	CAP, CHIP ELECT 47MF (6.3X7.7)
C156	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C157	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C159	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C160	1-116-082-11	s	CAP, CHIP ELECT 47MF (6.3X7.7)
C161	1-114-160-91	s	CAP, CHIP CERAMIC 1MF B 3225
C162	1-114-160-91	s	CAP, CHIP CERAMIC 1MF B 3225
C163	1-114-507-11	s	CAP, CERAMIC 1UF X7R
C164	1-114-160-91	s	CAP, CHIP CERAMIC 1MF B 3225
C165	1-114-160-91	s	CAP, CHIP CERAMIC 1MF B 3225
C166	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C167	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C168	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C301	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C302	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C303	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C304	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C305	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C306	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C307	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C310	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C311	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C312	1-114-386-11	s	CAP, NIOBIUM ELECT 100MF 105
C313	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C314	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C315	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C316	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C317	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C318	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C321	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C322	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C323	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C325	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C326	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C327	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C328	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C329	1-119-923-81	s	CAP, CERAMIC 0.047MF B 1005
C330	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C331	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C332	1-100-880-91	s	CAP, CERAMIC 100MF C (3225)
C333	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C334	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C335	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C401	1-100-670-91	s	CAP, CERAMIC 4.7MF C (2012)
C402	1-100-670-91	s	CAP, CERAMIC 4.7MF C (2012)
C403	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C404	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C405	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C406	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C407	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C408	1-164-862-81	s	CAP, CHIP CERAMIC 33PF CH 1005
C409	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

SY-408 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C410	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C411	1-164-862-81	s	CAP, CHIP CERAMIC 33PF CH 1005
C412	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C413	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C414	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C415	1-100-670-91	s	CAP, CERAMIC 4.7MF C (2012)
C416	1-100-670-91	s	CAP, CERAMIC 4.7MF C (2012)
C417	1-100-670-91	s	CAP, CERAMIC 4.7MF C (2012)
C418	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C419	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C420	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C421	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C424	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C425	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C427	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C428	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C429	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C501	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C502	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C503	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C504	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C505	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C506	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C507	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C508	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C509	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C510	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C512	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C514	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C515	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C516	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C517	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C518	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C519	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C521	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C522	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C523	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C524	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C601	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C602	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C603	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C604	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C605	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C606	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C607	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C608	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C609	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C610	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C611	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C613	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C614	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C615	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C616	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C617	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C618	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C619	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C620	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C621	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C622	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C623	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C624	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C625	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C626	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C627	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C628	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

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C629	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C630	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C631	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C632	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C701	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C702	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C703	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C704	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C705	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C706	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C707	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C708	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C709	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C710	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C711	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C712	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C713	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C714	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C715	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C716	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C717	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C718	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C719	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C720	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C721	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C722	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C723	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C801	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C802	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C803	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C804	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C805	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C806	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C807	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C808	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C809	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C810	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C811	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C814	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C815	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C816	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C817	1-127-956-21	s	CAP, CHIP FILM 0.1MF (3225)
C818	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C819	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C820	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C821	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C822	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C823	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C824	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C825	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C826	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C829	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C830	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C831	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C833	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C835	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C836	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C837	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C839	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C841	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C843	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C845	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C846	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C847	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C848	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

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C849	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C850	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C851	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C852	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C853	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C854	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C855	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C856	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C857	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C858	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C1001	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1003	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1004	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1005	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1006	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1007	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1008	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1009	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1010	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C1011	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1051	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1052	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1053	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1054	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1055	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1056	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1057	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1060	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1061	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1064	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1065	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1074	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1075	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1076	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1077	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1078	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1083	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1084	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1085	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1086	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1088	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1089	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1098	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1099	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1101	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1103	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1105	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1107	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1108	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1109	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1110	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1111	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1112	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1113	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1114	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1115	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1116	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1117	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1118	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1119	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1120	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1121	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1122	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1123	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1124	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

Ref. No. or Q'ty	Part No.	SP	Description
C1125	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1126	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1127	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1128	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1129	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1130	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1131	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1132	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1133	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1134	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1135	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1136	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1137	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1138	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1139	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1140	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1141	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1142	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1143	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1144	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1145	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1146	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1147	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1148	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1149	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1150	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1151	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1152	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1153	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1154	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1155	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1156	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1157	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1158	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1201	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1202	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C1203	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1204	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1205	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1206	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1207	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1208	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1209	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C1210	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1211	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1212	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1213	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1214	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1215	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C1216	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C1217	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C1218	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C1219	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1220	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1221	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1222	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1223	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1224	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1225	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1226	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1227	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1228	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1229	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1230	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1231	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

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C1232	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1233	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1234	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1235	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1236	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1237	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C1238	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1239	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1240	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1241	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1242	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1243	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1244	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1245	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1246	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1247	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1248	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1249	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1251	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1252	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C1253	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C1254	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1255	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C1256	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1260	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1261	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1262	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1263	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1266	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1267	1-164-854-81	s	CAP, CHIP CERAMIC 15PF CH 1005
C1268	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1270	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1271	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1272	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1273	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1274	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1275	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1276	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C1278	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1279	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1281	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1282	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1283	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1303	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1304	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1305	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1306	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1307	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C1308	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1309	1-164-862-81	s	CAP, CHIP CERAMIC 33PF CH 1005
C1310	1-164-860-81	s	CAP, CHIP CERAMIC 27PF CH 1005
C1311	1-164-862-81	s	CAP, CHIP CERAMIC 33PF CH 1005
C1312	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1313	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1314	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1315	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1316	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1317	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1318	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1319	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1322	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C1323	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1324	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C1325	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1326	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

Ref. No. or Q'ty	Part No.	SP	Description
C1327	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1328	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1329	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1330	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1331	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1333	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1334	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1335	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1336	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1337	1-100-573-81	s	CAP,CHIP CERAMIC 390PF B 1005
C1338	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1339	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C1340	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1341	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1342	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1343	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1344	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1345	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1401	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1402	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1403	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1404	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1405	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1406	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1407	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1408	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1409	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1410	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1411	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C1412	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1413	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1414	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C1415	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C1417	1-116-045-91	s	CAP, CERAMIC 4.7MF B 2012
C1418	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1419	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1420	1-116-045-91	s	CAP, CERAMIC 4.7MF B 2012
C1421	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C1422	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1423	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1424	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1425	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1426	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1427	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1428	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1501	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1502	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1503	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1504	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1505	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1506	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1507	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1508	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C1509	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C1510	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1511	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C1512	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1513	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1514	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1515	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1516	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1517	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C1518	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C1519	1-164-937-81	s	CAP, CHIPCERAMIC 1000PF B 1005
C1520	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005

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C1521	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C1523	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1524	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1525	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C1527	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1528	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1529	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1530	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1531	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1532	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C1533	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C1534	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1535	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1536	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1537	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1538	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C1539	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1540	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1541	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1542	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1543	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C1544	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1545	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C1546	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1547	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1548	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1549	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1550	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C1551	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C1552	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C1553	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1554	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1555	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C1556	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C1557	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C1558	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C1559	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1560	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1561	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1562	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1563	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1564	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1565	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1566	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1567	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1568	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C1569	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C1570	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C1571	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C1572	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C1575	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1587	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C1601	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1602	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1603	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1604	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1605	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1606	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1607	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C1608	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C1609	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1610	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1611	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1612	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1613	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

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C1614	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C1615	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C1616	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1617	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1618	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1619	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1620	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C1621	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1622	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1623	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1624	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C1625	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1626	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1627	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1628	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1629	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C1630	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C1631	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1632	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1633	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1634	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1635	1-115-153-21	s	CAP, ELECT 4.7MF
C1636	1-115-153-21	s	CAP, ELECT 4.7MF
C1637	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C1638	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C1639	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1640	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1641	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C1642	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C1643	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C1644	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C1645	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C1648	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1649	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1650	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C1651	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C1801	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1802	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1803	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1804	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C1805	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1806	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1807	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1808	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1809	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1810	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1811	1-117-145-21	s	CAP, ELECT 1MF
C1813	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1814	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C1815	1-114-214-81	s	CAP,CHIP CERAMIC470PF CH1005
C1817	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C1818	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C1819	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C1820	1-164-876-81	s	CAP,CHIP CERAMIC 120PF CH 1005
C1821	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1822	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1823	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C1824	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1825	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1826	1-115-459-21	s	CAP, ELECT 47MF
C1827	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C1828	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1829	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C1830	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1831	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

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C1832	1-164-876-81	s	CAP,CHIP CERAMIC 120PF CH 1005
C1833	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C1834	1-127-956-21	s	CAP, CHIP FILM 0.1MF (3225)
C1835	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1836	1-119-923-81	s	CAP, CERAMIC 0.047MF B 1005
C1837	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1838	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C1839	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C1840	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1841	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C1843	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C1844	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C1846	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1848	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C1849	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1850	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1851	1-112-791-11	s	CAP, ELECT 100MF
C1852	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C1853	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1854	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C1855	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1856	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1857	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1858	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1859	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1860	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1861	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C1862	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C1863	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C1864	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1865	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1866	1-117-145-21	s	CAP, ELECT 1MF
C1901	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1902	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C1903	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C1904	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1905	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1906	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1907	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1908	1-117-145-21	s	CAP, ELECT 1MF
C1909	1-117-145-21	s	CAP, ELECT 1MF
C1910	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C1912	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C1913	1-164-876-81	s	CAP,CHIP CERAMIC 120PF CH 1005
C1914	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1915	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1916	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C1917	1-115-459-21	s	CAP, ELECT 47MF
C1918	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C1919	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1920	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1921	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1922	1-164-876-81	s	CAP,CHIP CERAMIC 120PF CH 1005
C1924	1-127-956-21	s	CAP, CHIP FILM 0.1MF (3225)
C1925	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1926	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1929	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1931	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C1932	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C1933	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C1934	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C1936	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1938	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C1939	1-114-214-81	s	CAP,CHIP CERAMIC470PF CH1005
C1940	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C1941	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C1942	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C1944	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1945	1-126-405-21	s	CAP, CHIP ELECT 10MF (6.3X5.7)
C1947	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C1948	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C1949	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1950	1-112-791-11	s	CAP, ELECT 100MF
C1951	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C1952	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1953	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C1954	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C1955	1-114-214-81	s	CAP,CHIP CERAMIC470PF CH1005
C1956	1-112-800-11	s	CAP, ELECT 100MF
C1957	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1958	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2001	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C2002	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2003	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C2004	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C2005	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C2006	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C2007	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2008	1-117-144-21	s	CAP, ELECT 0.47MF
C2009	1-117-144-21	s	CAP, ELECT 0.47MF
C2010	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C2011	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C2012	1-117-145-21	s	CAP, ELECT 1MF
C2013	1-117-145-21	s	CAP, ELECT 1MF
C2014	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C2015	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C2016	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2017	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2018	1-164-876-81	s	CAP,CHIP CERAMIC 120PF CH 1005
C2019	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2020	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C2021	1-115-459-21	s	CAP, ELECT 47MF
C2022	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C2023	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C2024	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2025	1-164-876-81	s	CAP,CHIP CERAMIC 120PF CH 1005
C2026	1-127-956-21	s	CAP, CHIP FILM 0.1MF (3225)
C2027	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C2028	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C2029	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C2030	1-126-405-21	s	CAP, CHIP ELECT 10MF (6.3X5.7)
C2031	1-114-868-11	s	CAP, CERAMIC 0.1MF X7R 1608
C2032	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2033	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2034	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C2035	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C2036	1-162-923-91	s	CAP, CERAMIC 47PF CH 1608
C2037	1-162-923-91	s	CAP, CERAMIC 47PF CH 1608
C2038	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2039	1-117-144-21	s	CAP, ELECT 0.47MF
C2041	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C2042	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C2043	1-117-145-21	s	CAP, ELECT 1MF
C2044	1-117-145-21	s	CAP, ELECT 1MF
C2045	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C2046	1-114-419-21	s	CAP, CERAMIC 10MF B (2012)
C2047	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2048	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2049	1-164-876-81	s	CAP,CHIP CERAMIC 120PF CH 1005
C2050	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C2051	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C2052	1-115-459-21	s	CAP, ELECT 47MF
C2053	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C2054	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C2055	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C2056	1-164-876-81	s	CAP,CHIP CERAMIC 120PF CH 1005
C2057	1-127-956-21	s	CAP, CHIP FILM 0.1MF (3225)
C2058	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C2059	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C2060	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C2061	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C2062	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C2063	1-117-144-21	s	CAP, ELECT 0.47MF
C2064	1-162-923-91	s	CAP, CERAMIC 47PF CH 1608
CN1	1-794-959-21	o	PIN, CONNECTOR (PWB, PRINT)20P
CN2	1-770-625-21	s	PIN, CONNECTOR 8P
CN3	1-819-577-21	s	PIN, CONNECTOR (PC BOARD) 15P
CN4	1-770-623-21	s	PIN, CONNECTOR 6P
CN5	1-785-840-31	s	CONNECTOR, FFC/FPC(ZIF) AN 15P
CN6	1-770-625-21	s	PIN, CONNECTOR 8P
CN7	1-770-625-21	s	PIN, CONNECTOR 8P
CN8	1-794-142-31	s	CONNECTOR, FFC/FPC(ZIF) AN 36P
CN9	1-778-645-31	s	CONNECTOR, FFC/FPC(ZIF) AN 10P
CN10	1-770-626-21	s	PIN, CONNECTOR 9P
CN11	1-819-577-21	s	PIN, CONNECTOR (PC BOARD) 15P
CN12	1-770-160-21	s	PIN, CONNECTOR (PC BOARD) 2P
CN51	1-793-141-21	s	PIN, CONNECTOR (PC BOARD) 15P
CN102	1-794-340-21	s	CONNECTOR, BOARD TO BOARD 120P
CN201	1-774-260-31	s	CONNECTOR, FFC/FPC(ZIF) AN 20P
CN204	1-770-620-21	s	PIN, CONNECTOR 3P
CN205	1-764-093-21	o	PIN, CONNECTOR (PC BOARD) 8P
CN206	1-784-254-21	s	CONNECTOR 10P
D1	6-501-123-01	s	DIODE RB160M-60TR
D2	8-719-069-59	s	DI UDZSUSTE-178.2B
D101	8-719-083-60	s	DI UDZSUSTE-174.7B
D102	8-719-083-60	s	DI UDZSUSTE-174.7B
D103	8-719-083-83	s	DI UDZSUSTE-1715B
D106	8-719-083-83	s	DI UDZSUSTE-1715B
D107	8-719-083-60	s	DI UDZSUSTE-174.7B
D108	8-719-083-60	s	DI UDZSUSTE-174.7B
D109	8-719-083-60	s	DI UDZSUSTE-174.7B
D110	8-719-024-71	s	DIODE 1SS362-TE85L
D111	6-502-197-01	s	DI SML-D12M8WT86SM
D112	6-502-598-01	s	DI SML-D12U8WT86
D113	8-719-056-48	s	DI 1SS388
D114	8-719-056-48	s	DI 1SS388
D115	6-501-123-01	s	DIODE RB160M-60TR
D116	8-719-072-43	s	DIODE RB050L-40TE25
D117	6-501-123-01	s	DIODE RB160M-60TR
D118	6-501-123-01	s	DIODE RB160M-60TR
D119	8-719-083-83	s	DI UDZSUSTE-1715B
D301	6-502-197-01	s	DI SML-D12M8WT86SM
D302	⚠ 8-719-024-71	s	DIODE 1SS362-TE85L
D303	8-719-024-71	s	DIODE 1SS362-TE85L
D401	6-502-197-01	s	DI SML-D12M8WT86SM
D601	8-719-024-71	s	DIODE 1SS362-TE85L
D602	8-719-024-71	s	DIODE 1SS362-TE85L
D603	8-719-024-71	s	DIODE 1SS362-TE85L
D604	8-719-024-71	s	DIODE 1SS362-TE85L
D605	8-719-024-71	s	DIODE 1SS362-TE85L
D607	8-719-989-04	s	DIODE DAN222-TL
D701	8-719-024-71	s	DIODE 1SS362-TE85L
D702	8-719-024-71	s	DIODE 1SS362-TE85L
D801	8-719-024-71	s	DIODE 1SS362-TE85L

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Ref. No. or Q'ty	Part No.	SP	Description
D802	8-719-056-65	s	DIODE 1SS372-TE85L
D803	8-719-056-65	s	DIODE 1SS372-TE85L
D804	8-719-024-71	s	DIODE 1SS362-TE85L
D805	8-719-024-71	s	DIODE 1SS362-TE85L
D806	8-719-024-71	s	DIODE 1SS362-TE85L
D807	8-719-083-60	s	DI UDZSUSTE-174.7B
D808	8-719-083-60	s	DI UDZSUSTE-174.7B
D809	8-719-056-48	s	DI 1SS388
D810	8-719-056-48	s	DI 1SS388
D811	8-719-024-71	s	DIODE 1SS362-TE85L
D812	8-719-024-71	s	DIODE 1SS362-TE85L
D1401	8-719-024-71	s	DIODE 1SS362-TE85L
D1402	8-719-991-01	s	DIODE DAP222-TL
D1403	8-719-991-01	s	DIODE DAP222-TL
D1404	8-719-991-01	s	DIODE DAP222-TL
D1405	8-719-056-48	s	DI 1SS388
D1406	8-719-024-71	s	DIODE 1SS362-TE85L
D1407	8-719-024-71	s	DIODE 1SS362-TE85L
D1501	6-500-696-01	s	DI UDZSUSTE-173.0B
D1502	6-500-696-01	s	DI UDZSUSTE-173.0B
D1503	6-500-696-01	s	DI UDZSUSTE-173.0B
D1504	6-500-696-01	s	DI UDZSUSTE-173.0B
D1601	8-719-024-71	s	DIODE 1SS362-TE85L
D1801	8-719-056-48	s	DI 1SS388
D1901	8-719-024-71	s	DIODE 1SS362-TE85L
D1902	8-719-083-66	s	DI UDZSUSTE-1718B
D1903	8-719-083-66	s	DI UDZSUSTE-1718B
D1904	8-719-083-66	s	DI UDZSUSTE-1718B
D1905	8-719-083-66	s	DI UDZSUSTE-1718B
D1906	6-502-598-01	s	DI SML-D12U8WT86
D2001	8-719-024-71	s	DIODE 1SS362-TE85L
D2002	8-719-024-71	s	DIODE 1SS362-TE85L
D2003	8-719-024-71	s	DIODE 1SS362-TE85L
D2004	8-719-024-71	s	DIODE 1SS362-TE85L
D2005	8-719-024-71	s	DIODE 1SS362-TE85L
D2006	8-719-024-71	s	DIODE 1SS362-TE85L
D2007	8-719-024-71	s	DIODE 1SS362-TE85L
D2008	8-719-024-71	s	DIODE 1SS362-TE85L
D2009	8-719-024-71	s	DIODE 1SS362-TE85L
D2010	8-719-024-71	s	DIODE 1SS362-TE85L
D2011	8-719-024-71	s	DIODE 1SS362-TE85L
D2012	8-719-024-71	s	DIODE 1SS362-TE85L
E1	1-535-877-22	s	CHIP, CHECKER
E2	1-535-877-22	s	CHIP, CHECKER
E3	1-535-877-22	s	CHIP, CHECKER
E4	1-535-877-22	s	CHIP, CHECKER
E5	1-535-877-22	s	CHIP, CHECKER
E6	1-535-877-22	s	CHIP, CHECKER
FB1	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB2	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB3	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB4	1-400-832-21	s	SMD EMI FERRITE
FB5	1-400-832-21	s	SMD EMI FERRITE
FB6	1-400-832-21	s	SMD EMI FERRITE
FB7	1-400-832-21	s	SMD EMI FERRITE
FB8	1-400-832-21	s	SMD EMI FERRITE
FB9	1-400-832-21	s	SMD EMI FERRITE
FB10	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB11	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB12	1-400-832-21	s	SMD EMI FERRITE
FB13	1-400-832-21	s	SMD EMI FERRITE
FB14	1-400-832-21	s	SMD EMI FERRITE
FB15	1-400-832-21	s	SMD EMI FERRITE
FB16	1-400-832-21	s	SMD EMI FERRITE

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Ref. No. or Q'ty	Part No.	SP	Description
FB17	1-400-832-21	s	SMD EMI FERRITE
FB18	1-400-832-21	s	SMD EMI FERRITE
FB19	1-400-832-21	s	SMD EMI FERRITE
FB20	1-400-832-21	s	SMD EMI FERRITE
FB21	1-400-832-21	s	SMD EMI FERRITE
FB22	1-400-832-21	s	SMD EMI FERRITE
FB23	1-400-832-21	s	SMD EMI FERRITE
FB24	1-400-832-21	s	SMD EMI FERRITE
FB25	1-400-832-21	s	SMD EMI FERRITE
FB26	1-400-832-21	s	SMD EMI FERRITE
FB27	1-400-832-21	s	SMD EMI FERRITE
FB28	1-400-832-21	s	SMD EMI FERRITE
FB29	1-400-832-21	s	SMD EMI FERRITE
FB30	1-400-832-21	s	SMD EMI FERRITE
FB31	1-400-832-21	s	SMD EMI FERRITE
FB32	1-400-832-21	s	SMD EMI FERRITE
FB33	1-400-832-21	s	SMD EMI FERRITE
FB34	1-400-832-21	s	SMD EMI FERRITE
FB35	1-400-832-21	s	SMD EMI FERRITE
FB36	1-400-832-21	s	SMD EMI FERRITE
FB37	1-400-832-21	s	SMD EMI FERRITE
FB38	1-400-832-21	s	SMD EMI FERRITE
FB39	1-400-832-21	s	SMD EMI FERRITE
FB40	1-400-832-21	s	SMD EMI FERRITE
FB41	1-400-832-21	s	SMD EMI FERRITE
FB42	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB43	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB44	1-400-832-21	s	SMD EMI FERRITE
FB45	1-400-832-21	s	SMD EMI FERRITE
FB46	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB47	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB48	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB49	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB50	1-400-832-21	s	SMD EMI FERRITE
FB51	1-400-832-21	s	SMD EMI FERRITE
FB52	1-400-832-21	s	SMD EMI FERRITE
FB53	1-400-832-21	s	SMD EMI FERRITE
FB54	1-400-832-21	s	SMD EMI FERRITE
FB55	1-400-832-21	s	SMD EMI FERRITE
FB56	1-400-832-21	s	SMD EMI FERRITE
FB57	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB58	1-400-832-21	s	SMD EMI FERRITE
FB59	1-400-832-21	s	SMD EMI FERRITE
FB60	1-400-832-21	s	SMD EMI FERRITE
FB61	1-400-832-21	s	SMD EMI FERRITE
FB62	1-400-832-21	s	SMD EMI FERRITE
FB63	1-400-832-21	s	SMD EMI FERRITE
FB64	1-400-832-21	s	SMD EMI FERRITE
FB65	1-400-832-21	s	SMD EMI FERRITE
FB66	1-400-832-21	s	SMD EMI FERRITE
FB67	1-400-832-21	s	SMD EMI FERRITE
FB68	1-400-832-21	s	SMD EMI FERRITE
FB69	1-400-832-21	s	SMD EMI FERRITE
FB70	1-400-832-21	s	SMD EMI FERRITE
FB71	1-400-832-21	s	SMD EMI FERRITE
FB72	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB73	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB74	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB75	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB76	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB77	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB78	1-400-832-21	s	SMD EMI FERRITE
FB79	1-400-832-21	s	SMD EMI FERRITE
FB80	1-400-832-21	s	SMD EMI FERRITE
FB81	1-400-832-21	s	SMD EMI FERRITE

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FB82	1-400-832-21	s	SMD EMI FERRITE
FB83	1-400-832-21	s	SMD EMI FERRITE
FB84	1-400-832-21	s	SMD EMI FERRITE
FB85	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB86	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB87	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB88	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB89	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB90	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB91	1-400-832-21	s	SMD EMI FERRITE
FB92	1-400-832-21	s	SMD EMI FERRITE
FB93	1-400-832-21	s	SMD EMI FERRITE
FB94	1-400-832-21	s	SMD EMI FERRITE
FB95	1-400-832-21	s	SMD EMI FERRITE
FB96	1-400-832-21	s	SMD EMI FERRITE
FB97	1-400-832-21	s	SMD EMI FERRITE
FB98	1-400-832-21	s	SMD EMI FERRITE
FB99	1-400-832-21	s	SMD EMI FERRITE
FB101	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB102	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB103	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB104	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB105	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB106	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB107	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB108	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB109	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB110	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB111	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB112	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB151	1-400-832-21	s	SMD EMI FERRITE
FB303	1-400-832-21	s	SMD EMI FERRITE
FB304	1-400-832-21	s	SMD EMI FERRITE
FB305	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB306	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB307	1-400-832-21	s	SMD EMI FERRITE
FB308	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB309	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB310	1-400-832-21	s	SMD EMI FERRITE
FB401	1-400-832-21	s	SMD EMI FERRITE
FB402	1-400-832-21	s	SMD EMI FERRITE
FB403	1-400-832-21	s	SMD EMI FERRITE
FB404	1-400-832-21	s	SMD EMI FERRITE
FB571	1-400-832-21	s	SMD EMI FERRITE
FB701	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB702	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB703	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB704	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB705	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB706	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB707	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB801	1-414-772-21	s	FERRITE. EMI (SMD) (2012)
FB1001	1-400-832-21	s	SMD EMI FERRITE
FB1002	1-400-832-21	s	SMD EMI FERRITE
FB1003	1-414-445-21	s	FERRITE, EMI (SMD) (1608)
FB1101	1-400-832-21	s	SMD EMI FERRITE
FB1102	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1103	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1104	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB1105	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1106	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1107	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1108	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1109	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1110	1-400-462-21	s	FERRITE, EMI (SMD) (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
FB1111	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1112	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1200	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1201	1-400-832-21	s	SMD EMI FERRITE
FB1202	1-400-832-21	s	SMD EMI FERRITE
FB1203	1-400-832-21	s	SMD EMI FERRITE
FB1204	1-400-832-21	s	SMD EMI FERRITE
FB1205	1-400-832-21	s	SMD EMI FERRITE
FB1206	1-400-832-21	s	SMD EMI FERRITE
FB1207	1-400-832-21	s	SMD EMI FERRITE
FB1208	1-400-832-21	s	SMD EMI FERRITE
FB1209	1-400-832-21	s	SMD EMI FERRITE
FB1210	1-400-832-21	s	SMD EMI FERRITE
FB1211	1-400-832-21	s	SMD EMI FERRITE
FB1212	1-400-832-21	s	SMD EMI FERRITE
FB1213	1-400-832-21	s	SMD EMI FERRITE
FB1214	1-400-832-21	s	SMD EMI FERRITE
FB1215	1-400-832-21	s	SMD EMI FERRITE
FB1216	1-400-832-21	s	SMD EMI FERRITE
FB1217	1-400-832-21	s	SMD EMI FERRITE
FB1218	1-400-832-21	s	SMD EMI FERRITE
FB1219	1-400-832-21	s	SMD EMI FERRITE
FB1220	1-400-832-21	s	SMD EMI FERRITE
FB1221	1-400-832-21	s	SMD EMI FERRITE
FB1222	1-400-832-21	s	SMD EMI FERRITE
FB1223	1-400-832-21	s	SMD EMI FERRITE
FB1225	1-400-832-21	s	SMD EMI FERRITE
FB1226	1-400-832-21	s	SMD EMI FERRITE
FB1228	1-400-832-21	s	SMD EMI FERRITE
FB1229	1-400-832-21	s	SMD EMI FERRITE
FB1230	1-400-832-21	s	SMD EMI FERRITE
FB1233	1-414-445-21	s	FERRITE, EMI (SMD) (1608)
FB1234	1-414-445-21	s	FERRITE, EMI (SMD) (1608)
FB1301	1-414-445-21	s	FERRITE, EMI (SMD) (1608)
FB1302	1-414-445-21	s	FERRITE, EMI (SMD) (1608)
FB1303	1-400-832-21	s	SMD EMI FERRITE
FB1304	1-400-832-21	s	SMD EMI FERRITE
FB1305	1-400-832-21	s	SMD EMI FERRITE
FB1306	1-400-832-21	s	SMD EMI FERRITE
FB1307	1-400-832-21	s	SMD EMI FERRITE
FB1308	1-400-832-21	s	SMD EMI FERRITE
FB1309	1-400-832-21	s	SMD EMI FERRITE
FB1310	1-400-832-21	s	SMD EMI FERRITE
FB1401	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB1402	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB1501	1-400-832-21	s	SMD EMI FERRITE
FB1502	1-400-832-21	s	SMD EMI FERRITE
FB1601	1-400-832-21	s	SMD EMI FERRITE
FB1803	1-400-832-21	s	SMD EMI FERRITE
FB1901	1-400-832-21	s	SMD EMI FERRITE
FB2001	1-400-832-21	s	SMD EMI FERRITE
FL1201	1-813-543-11	s	FILTER, LOW PASS
FL1202	1-813-543-11	s	FILTER, LOW PASS
FL1203	1-813-544-11	s	FILTER, LOW PASS
FL1204	1-239-897-22	s	FILTER, EMI (SMD)
FL1205	1-239-897-22	s	FILTER, EMI (SMD)
FL1206	1-239-897-22	s	FILTER, EMI (SMD)
FL1207	1-239-897-22	s	FILTER, EMI (SMD)
FL1208	1-239-897-22	s	FILTER, EMI (SMD)
FL1209	1-239-897-22	s	FILTER, EMI (SMD)
FL1210	1-239-897-22	s	FILTER, EMI (SMD)
FL1211	1-239-897-22	s	FILTER, EMI (SMD)
FL1212	1-239-897-22	s	FILTER, EMI (SMD)
FL1213	1-233-345-21	s	FILTER, LOW PASS (5.5MHZ)

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Ref. No. or Q'ty	Part No.	SP	Description
FL1301	1-200-092-11	s	FILTER, LOW PASS
IC101	6-704-976-01	s	IC ADR381ARTZ-REEL7
IC102	6-706-220-01	s	IC LTC3411EMS#TR
IC103	6-705-480-01	s	IC LT3467ES6#TR
IC104	6-705-480-01	s	IC LT3467ES6#TR
IC105	6-712-135-01	o	IC R1173H001D-T1-F
IC106	8-759-327-01	s	IC NJM062V(TE2)
IC107	8-759-327-01	s	IC NJM062V(TE2)
IC108	8-759-327-01	s	IC NJM062V(TE2)
IC109	8-759-598-43	s	IC TC7WH04FK
IC301	6-708-478-01	s	IC RX-8025NB
IC302	6-710-988-01	s	IC TC74VCX16843(EL,F)
IC303	6-712-135-01	o	IC R1173H001D-T1-F
IC305	8-759-598-44	s	IC TC7WH08FK
IC306	6-706-484-01	s	IC TC7SH04FU
IC307	6-712-135-01	o	IC R1173H001D-T1-F
IC308	6-704-566-01	s	IC R3112N291A-TR-FA
IC309	8-759-656-54	s	IC TC7WH14FK
IC310	6-715-164-01	s	IC TPS2553DBVR
IC311	6-712-135-01	o	IC R1173H001D-T1-F
IC406	6-706-487-01	s	IC TC7SH08FU
IC409	6-600-060-01	s	IC TC7WZ32FK
IC410	6-600-060-01	s	IC TC7WZ32FK
IC501	6-706-487-01	s	IC TC7SH08FU
IC502	6-706-484-01	s	IC TC7SH04FU
IC503	8-759-656-54	s	IC TC7WH14FK
IC504	8-759-656-54	s	IC TC7WH14FK
IC506	8-759-831-52	s	IC TC7WH125FK
IC507	8-759-831-52	s	IC TC7WH125FK
IC508	8-759-831-52	s	IC TC7WH125FK
IC510	8-759-598-44	s	IC TC7WH08FK
IC511	8-759-598-44	s	IC TC7WH08FK
IC514	6-706-487-01	s	IC TC7SH08FU
IC517	8-759-598-44	s	IC TC7WH08FK
IC518	8-759-598-44	s	IC TC7WH08FK
IC601	6-706-476-01	s	IC TC7SET04FU
IC602	6-706-476-01	s	IC TC7SET04FU
IC603	6-706-488-01	s	IC TC7SH14FU
IC604	6-706-487-01	s	IC TC7SH08FU
IC605	6-711-443-01	s	IC TC74VHCT125AFK(E,K)
IC606	6-704-555-01	o	IC TC7PA04FU (TE85R)
IC607	6-706-484-01	s	IC TC7SH04FU
IC608	8-759-831-52	s	IC TC7WH125FK
IC609	6-706-487-01	s	IC TC7SH08FU
IC610	8-759-831-52	s	IC TC7WH125FK
IC611	6-706-487-01	s	IC TC7SH08FU
IC612	8-759-598-43	s	IC TC7WH04FK
IC613	6-706-484-01	s	IC TC7SH04FU
IC614	8-759-598-44	s	IC TC7WH08FK
IC615	8-759-831-52	s	IC TC7WH125FK
IC616	6-711-237-01	s	IC NJM2878F3-33 (TE2)
IC617	6-706-489-01	s	IC TC7SH32FU
IC618	6-706-484-01	s	IC TC7SH04FU
IC619	6-706-488-01	s	IC TC7SH14FU
IC620	6-706-487-01	s	IC TC7SH08FU
IC621	8-759-831-52	s	IC TC7WH125FK
IC622	6-711-443-01	s	IC TC74VHCT125AFK(E,K)
IC623	6-706-487-01	s	IC TC7SH08FU
IC624	6-704-555-01	o	IC TC7PA04FU (TE85R)
IC703	6-711-489-01	s	IC TC74VCX244FK(EL)
IC704	6-701-917-01	s	IC TC7PA34FU(TE85R)
IC705	6-701-917-01	s	IC TC7PA34FU(TE85R)
IC706	6-711-489-01	s	IC TC74VCX244FK(EL)
IC707	6-711-489-01	s	IC TC74VCX244FK(EL)
IC708	6-704-555-01	o	IC TC7PA04FU (TE85R)

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Ref. No. or Q'ty	Part No.	SP	Description
IC709	6-706-476-01	s	IC TC7SET04FU
IC710	8-759-598-43	s	IC TC7WH04FK
IC711	6-704-555-01	o	IC TC7PA04FU (TE85R)
IC712	8-759-092-83	s	IC SN75158PSR
IC713	8-759-598-44	s	IC TC7WH08FK
IC714	6-701-917-01	s	IC TC7PA34FU(TE85R)
IC715	6-704-555-01	o	IC TC7PA04FU (TE85R)
IC716	6-704-555-01	o	IC TC7PA04FU (TE85R)
IC801	6-708-346-01	s	IC DAC7512N
IC802	6-711-237-01	s	IC NJM2878F3-33 (TE2)
IC803	6-718-398-01	s	IC ADC128S022CIMTX
IC804	6-712-389-01	s	IC TC74VHC4051AFK(EK)
IC805	6-712-389-01	s	IC TC74VHC4051AFK(EK)
IC806	8-759-669-66	s	IC TLC272CPWR-12
IC807	8-759-327-01	s	IC NJM062V(TE2)
IC808	8-759-327-01	s	IC NJM062V(TE2)
IC809	8-759-327-01	s	IC NJM062V(TE2)
IC810	8-759-675-54	s	IC TC7W53FK(TE85R)
IC811	8-759-327-01	s	IC NJM062V(TE2)
IC812	8-759-327-01	s	IC NJM062V(TE2)
IC813	6-706-484-01	s	IC TC7SH04FU
IC1002	6-706-484-01	s	IC TC7SH04FU
IC1003	8-759-327-01	s	IC NJM062V(TE2)
IC1004	8-759-485-24	s	IC MC74HC4046ADTR2
IC1005	6-711-448-01	s	IC TC74VHCT244AFK(E,K)
IC1103	6-706-487-01	s	IC TC7SH08FU
IC1104	6-701-917-01	s	IC TC7PA34FU(TE85R)
IC1105	6-711-438-01	s	IC TC74VHC595FK(EL,K)
IC1106	6-711-438-01	s	IC TC74VHC595FK(EL,K)
IC1107	6-711-438-01	s	IC TC74VHC595FK(EL,K)
IC1108	6-711-443-01	s	IC TC74VHCT125AFK(E,K)
IC1109	8-759-831-52	s	IC TC7WH125FK
IC1110	8-759-831-52	s	IC TC7WH125FK
IC1113	8-759-831-52	s	IC TC7WH125FK
IC1114	8-759-831-52	s	IC TC7WH125FK
IC1115	8-759-592-44	s	IC TC7SZ04FU(TE85R)
IC1116	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC1201	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC1202	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC1203	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC1204	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC1205	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC1206	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC1207	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC1208	6-710-945-01	s	IC TC74VHC574FK(EL,K)
IC1209	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC1211	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC1212	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC1301	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC1302	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC1303	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC1304	8-759-287-55	s	IC TC7S66FU(TE85R)
IC1305	8-759-287-55	s	IC TC7S66FU(TE85R)
IC1306	6-700-186-01	s	IC GS4981ITA
IC1307	8-759-287-55	s	IC TC7S66FU(TE85R)
IC1308	8-759-327-14	s	IC TL712CPSR
IC1309	6-704-099-01	s	IC TC7WZ08FK
IC1310	6-704-099-01	s	IC TC7WZ08FK
IC1311	8-759-669-66	s	IC TLC272CPWR-12
IC1313	8-759-675-54	s	IC TC7W53FK(TE85R)
IC1314	8-759-675-54	s	IC TC7W53FK(TE85R)
IC1401	8-759-644-10	s	IC MAX3491CSD+TG068
IC1402	6-706-484-01	s	IC TC7SH04FU
IC1403	8-759-598-44	s	IC TC7WH08FK
IC1407	6-716-627-01	s	IC LTC1387CG#TR

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Ref. No. or Q'ty	Part No.	SP	Description
IC1408	6-706-484-01	s	IC TC7SH04FU
IC1409	6-706-487-01	s	IC TC7SH08FU
IC1410	8-759-672-76	s	IC AK9813BF-E2
IC1411	6-704-567-01	s	IC R3112N451A-TR-FA
IC1412	6-709-322-01	s	IC TC7WH123FK
IC1413	6-706-484-01	s	IC TC7SH04FU
IC1414	6-709-322-01	s	IC TC7WH123FK
IC1415	6-706-489-01	s	IC TC7SH32FU
IC1416	6-704-566-01	s	IC R3112N291A-TR-FA
IC1419	6-706-484-01	s	IC TC7SH04FU
IC1501	6-711-116-01	s	IC NJM2878F3-05 (TE2)
IC1502	6-711-237-01	s	IC NJM2878F3-33 (TE2)
IC1503	6-711-116-01	s	IC NJM2878F3-05 (TE2)
IC1504	6-706-906-01	s	IC NJM2732RB1(TE2)
IC1505	8-759-598-43	s	IC TC7WH04FK
IC1506	6-718-338-01	s	IC AK5381VT-E2
IC1507	6-710-823-01	o	IC NJM2737RB1(TE2)
IC1508	8-759-287-55	s	IC TC7S66FU(TE85R)
IC1509	6-710-823-01	o	IC NJM2737RB1(TE2)
IC1510	8-759-287-55	s	IC TC7S66FU(TE85R)
IC1511	8-759-598-43	s	IC TC7WH04FK
IC1512	6-700-563-01	s	IC AK4552VT-E2
IC1513	6-706-906-01	s	IC NJM2732RB1(TE2)
IC1514	6-701-111-01	s	IC AK4382AVT-E2
IC1515	6-706-906-01	s	IC NJM2732RB1(TE2)
IC1516	6-706-906-01	s	IC NJM2732RB1(TE2)
IC1518	8-759-422-21	s	IC NJM4580V(TE2)
IC1601	8-759-598-43	s	IC TC7WH04FK
IC1602	6-701-111-01	s	IC AK4382AVT-E2
IC1603	6-706-906-01	s	IC NJM2732RB1(TE2)
IC1605	6-706-906-01	s	IC NJM2732RB1(TE2)
IC1606	6-700-563-01	s	IC AK4552VT-E2
IC1607	6-706-906-01	s	IC NJM2732RB1(TE2)
IC1609	8-759-422-21	s	IC NJM4580V(TE2)
IC1801	6-712-388-01	s	IC TC74VHC4053AFK(EK)
IC1802	6-704-960-01	s	IC NJM2172V(TE2)
IC1803	8-759-675-54	s	IC TC7W53FK(TE85R)
IC1804	8-759-675-54	s	IC TC7W53FK(TE85R)
IC1805	8-759-675-54	s	IC TC7W53FK(TE85R)
IC1806	6-706-906-01	s	IC NJM2732RB1(TE2)
IC1807	6-706-906-01	s	IC NJM2732RB1(TE2)
IC1808	8-759-356-17	s	IC NJM4556AM-A-TE2
IC1809	6-706-906-01	s	IC NJM2732RB1(TE2)
IC1810	8-759-675-54	s	IC TC7W53FK(TE85R)
IC1811	6-706-484-01	s	IC TC7SH04FU
IC1901	6-712-388-01	s	IC TC74VHC4053AFK(EK)
IC1902	6-706-484-01	s	IC TC7SH04FU
IC1906	8-759-675-54	s	IC TC7W53FK(TE85R)
IC1907	6-706-906-01	s	IC NJM2732RB1(TE2)
IC1909	8-759-327-01	s	IC NJM062V(TE2)
IC1911	8-759-356-17	s	IC NJM4556AM-A-TE2
IC1912	8-759-675-54	s	IC TC7W53FK(TE85R)
IC2001	6-712-388-01	s	IC TC74VHC4053AFK(EK)
IC2002	6-712-388-01	s	IC TC74VHC4053AFK(EK)
IC2003	6-710-823-01	o	IC NJM2737RB1(TE2)
IC2005	6-711-116-01	s	IC NJM2878F3-05 (TE2)
IC2006	6-711-116-01	s	IC NJM2878F3-05 (TE2)
IC2007	6-712-388-01	s	IC TC74VHC4053AFK(EK)
IC2008	6-712-388-01	s	IC TC74VHC4053AFK(EK)
IC2009	6-710-823-01	o	IC NJM2737RB1(TE2)
IC2010	8-759-598-43	s	IC TC7WH04FK
JC101	1-216-864-91	s	CONDUCTOR, CHIP (1608)
JC102	1-216-864-91	s	CONDUCTOR, CHIP (1608)
L1	1-457-217-21	o	COMMON MODE CHOKE COIL

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Ref. No. or Q'ty	Part No.	SP	Description
L101	1-469-559-21	s	INDUCTOR, CHIP 47UH (LB2016)
L102	1-419-630-21	s	COIL, CHOKE 4.7UH
L103	1-457-455-11	s	CHOKE COIL 10UH
L104	1-457-454-11	s	CHOKE COIL 47UH
L105	1-416-606-21	s	COIL, CHOKE (SMD) 47UH
L401	1-469-559-21	s	INDUCTOR, CHIP 47UH (LB2016)
L1201	1-412-987-41	s	INDUCTOR, SMALL TYPE 4.7UH
L1203	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L1204	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L1301	1-412-987-41	s	INDUCTOR, SMALL TYPE 4.7UH
L1302	1-412-987-41	s	INDUCTOR, SMALL TYPE 4.7UH
PH701	8-749-014-35	s	IC HCPL-0630-500
Q1	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q101	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
Q102	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
Q103	6-550-632-01	s	TRANSISTOR 2SC4672-T100-Q
Q104	6-550-632-01	s	TRANSISTOR 2SC4672-T100-Q
Q105	6-550-632-01	s	TRANSISTOR 2SC4672-T100-Q
Q106	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q107	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q108	6-550-632-01	s	TRANSISTOR 2SC4672-T100-Q
Q109	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
Q110	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q111	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q112	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q113	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q301	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q302	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q303	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q304	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q601	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q602	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q603	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q604	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q605	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q606	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q607	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q608	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q609	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q610	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q611	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q701	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q702	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q703	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q704	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q705	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q801	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q1201	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1202	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1203	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q1204	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q1205	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q1206	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1207	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1208	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1209	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1210	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1211	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q1212	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1213	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1214	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1215	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q1216	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1217	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR

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Ref. No. or Q'ty	Part No.	SP	Description
Q1218	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1219	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q1220	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1221	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1222	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1223	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q1224	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1301	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q1302	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1303	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1304	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1405	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q1406	6-550-980-01	s	TR RN1904
Q1407	6-551-743-01	s	TR SSM6P15FE
Q1408	6-551-743-01	s	TR SSM6P15FE
Q1409	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q1501	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q1502	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q1503	6-551-743-01	s	TR SSM6P15FE
Q1504	6-551-743-01	s	TR SSM6P15FE
Q1505	6-551-041-01	s	TR RN4904
Q1506	6-551-041-01	s	TR RN4904
Q1601	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q1602	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q1603	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q1604	6-550-980-01	s	TR RN1904
Q1605	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q1606	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q1607	6-551-743-01	s	TR SSM6P15FE
Q1608	6-551-743-01	s	TR SSM6P15FE
Q1609	6-551-041-01	s	TR RN4904
Q1610	6-551-041-01	s	TR RN4904
Q1611	6-551-743-01	s	TR SSM6P15FE
Q1612	6-551-743-01	s	TR SSM6P15FE
Q1613	6-551-041-01	s	TR RN4904
Q1614	6-551-041-01	s	TR RN4904
Q1801	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q1802	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1803	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1804	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q1805	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q1807	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1809	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1810	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1812	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1813	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1814	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1815	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1816	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q1817	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q1818	6-551-041-01	s	TR RN4904
Q1901	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q1902	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1903	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1904	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q1905	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q1907	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1909	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1910	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1911	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q1912	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q1913	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1914	6-550-632-01	s	TRANSISTOR 2SC4672-T100-Q
Q1915	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1918	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L

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Ref. No. or Q'ty	Part No.	SP	Description
Q1919	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q1920	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1921	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q1922	6-551-041-01	s	TR RN4904
Q1923	6-551-041-01	s	TR RN4904
Q1924	6-551-041-01	s	TR RN4904
Q2001	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q2002	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q2003	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q2004	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q2005	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q2006	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q2007	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q2008	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q2009	6-550-980-01	s	TR RN1904
Q2010	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q2011	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q2012	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q2013	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q2014	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q2015	6-550-980-01	s	TR RN1904
Q2016	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q2017	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q2018	6-551-041-01	s	TR RN4904
Q2020	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q2021	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q2023	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q2024	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q2025	6-550-632-01	s	TRANSISTOR 2SC4672-T100-Q
Q2026	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q2027	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q2028	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q2029	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q2030	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q2031	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q2032	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q2033	8-729-928-91	s	TRANSISTOR DTC114EE-TL
Q2034	6-550-980-01	s	TR RN1904
Q2035	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q2036	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q2037	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q2038	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q2039	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q2040	6-550-980-01	s	TR RN1904
Q2041	8-729-928-37	s	TRANSISTOR DTA114EE-TL
Q2042	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q2043	6-551-041-01	s	TR RN4904
Q2045	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q2046	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q2048	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q2049	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
R1	1-208-911-81	s	RES, CHIP 10K (1005)
R2	1-208-911-81	s	RES, CHIP 10K (1005)
R3	1-208-911-81	s	RES, CHIP 10K (1005)
R4	1-220-878-81	s	RES, CHIP 22 (1005)
R5	1-220-878-81	s	RES, CHIP 22 (1005)
R6	1-220-878-81	s	RES, CHIP 22 (1005)
R7	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R8	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R101	1-208-871-81	s	RES, CHIP 220 (1005)
R104	1-208-887-81	s	RES, CHIP 1.0K (1005)
R105	1-208-871-81	s	RES, CHIP 220 (1005)
R107	1-208-887-81	s	RES, CHIP 1.0K (1005)
R108	1-208-871-81	s	RES, CHIP 220 (1005)
R109	1-208-887-81	s	RES, CHIP 1.0K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R110	1-208-935-81	s	RES, CHIP 100K (1005)
R111	1-208-911-81	s	RES, CHIP 10K (1005)
R112	1-208-891-81	s	RES, CHIP 1.5K (1005)
R113	1-208-903-81	s	RES, CHIP 4.7K (1005)
R114	1-208-883-81	s	RES, CHIP 680 (1005)
R115	1-208-911-81	s	RES, CHIP 10K (1005)
R116	1-208-919-81	s	RES, CHIP 22K (1005)
R117	1-208-911-81	s	RES, CHIP 10K (1005)
R118	1-208-911-81	s	RES, CHIP 10K (1005)
R119	1-208-911-81	s	RES, CHIP 10K (1005)
R120	1-208-911-81	s	RES, CHIP 10K (1005)
R121	1-220-870-81	s	RES, CHIP 10 (1005)
R122	1-208-919-81	s	RES, CHIP 22K (1005)
R124	1-208-871-81	s	RES, CHIP 220 (1005)
R126	1-208-903-81	s	RES, CHIP 4.7K (1005)
R127	1-208-871-81	s	RES, CHIP 220 (1005)
R128	1-208-919-81	s	RES, CHIP 22K (1005)
R129	1-208-911-81	s	RES, CHIP 10K (1005)
R130	1-208-927-81	s	RES, CHIP 47K (1005)
R131	1-208-927-81	s	RES, CHIP 47K (1005)
R132	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R133	1-208-911-81	s	RES, CHIP 10K (1005)
R134	1-208-927-81	s	RES, CHIP 47K (1005)
R135	1-208-927-81	s	RES, CHIP 47K (1005)
R136	1-208-927-81	s	RES, CHIP 47K (1005)
R137	1-208-927-81	s	RES, CHIP 47K (1005)
R138	1-208-923-81	s	RES, CHIP 33K (1005)
R139	1-208-911-81	s	RES, CHIP 10K (1005)
R141	1-208-935-81	s	RES, CHIP 100K (1005)
R142	1-208-943-81	s	RES, CHIP 220K (1005)
R143	1-220-870-81	s	RES, CHIP 10 (1005)
R144	1-208-903-81	s	RES, CHIP 4.7K (1005)
R145	1-208-927-81	s	RES, CHIP 47K (1005)
R146	1-208-935-81	s	RES, CHIP 100K (1005)
R147	1-208-935-81	s	RES, CHIP 100K (1005)
R148	1-208-935-81	s	RES, CHIP 100K (1005)
R149	1-208-911-81	s	RES, CHIP 10K (1005)
R150	1-220-878-81	s	RES, CHIP 22 (1005)
R151	1-208-911-81	s	RES, CHIP 10K (1005)
R152	1-220-870-81	s	RES, CHIP 10 (1005)
R153	1-208-927-81	s	RES, CHIP 47K (1005)
R154	1-208-935-81	s	RES, CHIP 100K (1005)
R155	1-208-887-81	s	RES, CHIP 1.0K (1005)
R156	1-208-943-81	s	RES, CHIP 220K (1005)
R157	1-208-911-81	s	RES, CHIP 10K (1005)
R158	1-208-899-81	s	RES, CHIP 3.3K (1005)
R159	1-208-943-81	s	RES, CHIP 220K (1005)
R160	1-208-919-81	s	RES, CHIP 22K (1005)
R161	1-208-911-81	s	RES, CHIP 10K (1005)
R162	1-208-887-81	s	RES, CHIP 1.0K (1005)
R163	1-218-859-91	s	RES, CHIP 3.3K (1608)
R164	1-218-859-91	s	RES, CHIP 3.3K (1608)
R165	1-208-911-81	s	RES, CHIP 10K (1005)
R166	1-208-915-81	s	RES, CHIP 15K (1005)
R167	1-208-911-81	s	RES, CHIP 10K (1005)
R168	1-208-927-81	s	RES, CHIP 47K (1005)
R301	1-208-863-81	s	RES, CHIP 100 (1005)
R302	1-208-863-81	s	RES, CHIP 100 (1005)
R303	1-208-887-81	s	RES, CHIP 1.0K (1005)
R304	1-208-911-81	s	RES, CHIP 10K (1005)
R305	1-208-911-81	s	RES, CHIP 10K (1005)
R306	1-208-911-81	s	RES, CHIP 10K (1005)
R308	1-208-911-81	s	RES, CHIP 10K (1005)
R313	1-208-879-81	s	RES, CHIP 470 (1005)
R314	1-208-943-81	s	RES, CHIP 220K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R315	⚠ 1-208-887-81	s	RES, CHIP 1.0K (1005)
R316	1-208-887-81	s	RES, CHIP 1.0K (1005)
R317	1-208-911-81	s	RES, CHIP 10K (1005)
R319	1-220-870-81	s	RES, CHIP 10 (1005)
R320	1-208-863-81	s	RES, CHIP 100 (1005)
R321	1-208-863-81	s	RES, CHIP 100 (1005)
R322	1-208-911-81	s	RES, CHIP 10K (1005)
R323	1-208-911-81	s	RES, CHIP 10K (1005)
R324	1-220-878-81	s	RES, CHIP 22 (1005)
R325	1-220-870-81	s	RES, CHIP 10 (1005)
R326	1-220-870-81	s	RES, CHIP 10 (1005)
R327	1-220-878-81	s	RES, CHIP 22 (1005)
R328	1-208-911-81	s	RES, CHIP 10K (1005)
R329	1-208-911-81	s	RES, CHIP 10K (1005)
R330	1-208-911-81	s	RES, CHIP 10K (1005)
R331	1-208-899-81	s	RES, CHIP 3.3K (1005)
R332	1-208-899-81	s	RES, CHIP 3.3K (1005)
R333	1-208-879-81	s	RES, CHIP 470 (1005)
R335	1-208-863-81	s	RES, CHIP 100 (1005)
R336	1-208-911-81	s	RES, CHIP 10K (1005)
R337	1-208-911-81	s	RES, CHIP 10K (1005)
R338	1-208-911-81	s	RES, CHIP 10K (1005)
R339	1-208-911-81	s	RES, CHIP 10K (1005)
R340	1-208-911-81	s	RES, CHIP 10K (1005)
R341	1-208-911-81	s	RES, CHIP 10K (1005)
R342	1-208-911-81	s	RES, CHIP 10K (1005)
R343	1-208-911-81	s	RES, CHIP 10K (1005)
R348	1-208-911-81	s	RES, CHIP 10K (1005)
R349	1-208-911-81	s	RES, CHIP 10K (1005)
R350	1-208-911-81	s	RES, CHIP 10K (1005)
R351	1-208-911-81	s	RES, CHIP 10K (1005)
R352	1-208-911-81	s	RES, CHIP 10K (1005)
R353	1-208-911-81	s	RES, CHIP 10K (1005)
R370	1-208-887-81	s	RES, CHIP 1.0K (1005)
R371	1-208-927-81	s	RES, CHIP 47K (1005)
R401	1-208-875-81	s	RES, CHIP 330 (1005)
R402	1-208-911-81	s	RES, CHIP 10K (1005)
R403	1-208-911-81	s	RES, CHIP 10K (1005)
R412	1-208-959-81	s	RES, CHIP 1M (1005)
R413	1-208-863-81	s	RES, CHIP 100 (1005)
R414	1-208-863-81	s	RES, CHIP 100 (1005)
R415	1-208-863-81	s	RES, CHIP 100 (1005)
R416	1-208-863-81	s	RES, CHIP 100 (1005)
R417	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R418	1-208-863-81	s	RES, CHIP 100 (1005)
R419	1-208-863-81	s	RES, CHIP 100 (1005)
R420	1-208-863-81	s	RES, CHIP 100 (1005)
R421	1-208-863-81	s	RES, CHIP 100 (1005)
R422	1-208-911-81	s	RES, CHIP 10K (1005)
R423	1-208-871-81	s	RES, CHIP 220 (1005)
R424	1-208-895-81	s	RES, CHIP 2.2K (1005)
R425	1-208-911-81	s	RES, CHIP 10K (1005)
R426	1-208-911-81	s	RES, CHIP 10K (1005)
R427	1-208-911-81	s	RES, CHIP 10K (1005)
R428	1-208-911-81	s	RES, CHIP 10K (1005)
R429	1-208-903-81	s	RES, CHIP 4.7K (1005)
R430	1-208-911-81	s	RES, CHIP 10K (1005)
R431	1-208-911-81	s	RES, CHIP 10K (1005)
R432	1-208-871-81	s	RES, CHIP 220 (1005)
R433	1-208-871-81	s	RES, CHIP 220 (1005)
R434	1-208-871-81	s	RES, CHIP 220 (1005)
R435	1-208-871-81	s	RES, CHIP 220 (1005)
R437	1-208-871-81	s	RES, CHIP 220 (1005)
R438	1-208-871-81	s	RES, CHIP 220 (1005)
R439	1-208-871-81	s	RES, CHIP 220 (1005)

Ref. No. or Q'ty	Part No.	SP	Description
R440	1-208-871-81	s	RES, CHIP 220 (1005)
R441	1-208-871-81	s	RES, CHIP 220 (1005)
R443	1-208-911-81	s	RES, CHIP 10K (1005)
R445	1-208-871-81	s	RES, CHIP 220 (1005)
R446	1-208-871-81	s	RES, CHIP 220 (1005)
R447	1-208-871-81	s	RES, CHIP 220 (1005)
R448	1-208-871-81	s	RES, CHIP 220 (1005)
R449	1-208-871-81	s	RES, CHIP 220 (1005)
R450	1-208-871-81	s	RES, CHIP 220 (1005)
R451	1-208-871-81	s	RES, CHIP 220 (1005)
R452	1-208-911-81	s	RES, CHIP 10K (1005)
R501	1-208-911-81	s	RES, CHIP 10K (1005)
R502	1-208-879-81	s	RES, CHIP 470 (1005)
R503	1-208-863-81	s	RES, CHIP 100 (1005)
R504	1-208-927-81	s	RES, CHIP 47K (1005)
R505	1-208-891-81	s	RES, CHIP 1.5K (1005)
R506	1-208-927-81	s	RES, CHIP 47K (1005)
R507	1-208-891-81	s	RES, CHIP 1.5K (1005)
R508	1-208-927-81	s	RES, CHIP 47K (1005)
R509	1-208-863-81	s	RES, CHIP 100 (1005)
R510	1-208-863-81	s	RES, CHIP 100 (1005)
R511	1-208-863-81	s	RES, CHIP 100 (1005)
R512	1-208-863-81	s	RES, CHIP 100 (1005)
R513	1-208-863-81	s	RES, CHIP 100 (1005)
R514	1-208-863-81	s	RES, CHIP 100 (1005)
R515	1-208-871-81	s	RES, CHIP 220 (1005)
R516	1-208-887-81	s	RES, CHIP 1.0K (1005)
R517	1-208-887-81	s	RES, CHIP 1.0K (1005)
R518	1-208-863-81	s	RES, CHIP 100 (1005)
R519	1-208-863-81	s	RES, CHIP 100 (1005)
R520	1-208-863-81	s	RES, CHIP 100 (1005)
R521	1-208-863-81	s	RES, CHIP 100 (1005)
R522	1-208-863-81	s	RES, CHIP 100 (1005)
R523	1-208-863-81	s	RES, CHIP 100 (1005)
R524	1-208-863-81	s	RES, CHIP 100 (1005)
R525	1-208-863-81	s	RES, CHIP 100 (1005)
R526	1-208-863-81	s	RES, CHIP 100 (1005)
R527	1-208-863-81	s	RES, CHIP 100 (1005)
R528	1-208-863-81	s	RES, CHIP 100 (1005)
R529	1-208-911-81	s	RES, CHIP 10K (1005)
R530	1-208-927-81	s	RES, CHIP 47K (1005)
R531	1-208-927-81	s	RES, CHIP 47K (1005)
R532	1-208-863-81	s	RES, CHIP 100 (1005)
R533	1-208-863-81	s	RES, CHIP 100 (1005)
R534	1-208-863-81	s	RES, CHIP 100 (1005)
R535	1-208-863-81	s	RES, CHIP 100 (1005)
R536	1-208-863-81	s	RES, CHIP 100 (1005)
R537	1-208-863-81	s	RES, CHIP 100 (1005)
R538	1-208-911-81	s	RES, CHIP 10K (1005)
R539	1-208-863-81	s	RES, CHIP 100 (1005)
R540	1-208-863-81	s	RES, CHIP 100 (1005)
R541	1-208-903-81	s	RES, CHIP 4.7K (1005)
R542	1-208-903-81	s	RES, CHIP 4.7K (1005)
R543	1-208-863-81	s	RES, CHIP 100 (1005)
R544	1-208-863-81	s	RES, CHIP 100 (1005)
R545	1-208-911-81	s	RES, CHIP 10K (1005)
R547	1-208-903-81	s	RES, CHIP 4.7K (1005)
R548	1-208-903-81	s	RES, CHIP 4.7K (1005)
R549	1-208-903-81	s	RES, CHIP 4.7K (1005)
R552	1-208-863-81	s	RES, CHIP 100 (1005)
R553	1-208-887-81	s	RES, CHIP 1.0K (1005)
R554	1-208-863-81	s	RES, CHIP 100 (1005)
R555	1-208-935-81	s	RES, CHIP 100K (1005)
R556	1-208-863-81	s	RES, CHIP 100 (1005)
R557	1-208-863-81	s	RES, CHIP 100 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R558	1-208-863-81	s	RES, CHIP 100 (1005)
R559	1-208-863-81	s	RES, CHIP 100 (1005)
R560	1-208-935-81	s	RES, CHIP 100K (1005)
R561	1-208-879-81	s	RES, CHIP 470 (1005)
R562	1-208-879-81	s	RES, CHIP 470 (1005)
R563	1-208-903-81	s	RES, CHIP 4.7K (1005)
R566	1-208-863-81	s	RES, CHIP 100 (1005)
R567	1-208-863-81	s	RES, CHIP 100 (1005)
R571	1-208-903-81	s	RES, CHIP 4.7K (1005)
R572	1-208-903-81	s	RES, CHIP 4.7K (1005)
R573	1-208-871-81	s	RES, CHIP 220 (1005)
R574	1-208-871-81	s	RES, CHIP 220 (1005)
R575	1-208-863-81	s	RES, CHIP 100 (1005)
R576	1-208-911-81	s	RES, CHIP 10K (1005)
R577	1-208-911-81	s	RES, CHIP 10K (1005)
R578	1-208-911-81	s	RES, CHIP 10K (1005)
R579	1-208-911-81	s	RES, CHIP 10K (1005)
R580	1-208-935-81	s	RES, CHIP 100K (1005)
R581	1-208-935-81	s	RES, CHIP 100K (1005)
R582	1-208-935-81	s	RES, CHIP 100K (1005)
R583	1-208-935-81	s	RES, CHIP 100K (1005)
R584	1-208-903-81	s	RES, CHIP 4.7K (1005)
R585	1-208-903-81	s	RES, CHIP 4.7K (1005)
R586	1-208-863-81	s	RES, CHIP 100 (1005)
R587	1-208-863-81	s	RES, CHIP 100 (1005)
R588	1-208-863-81	s	RES, CHIP 100 (1005)
R589	1-208-863-81	s	RES, CHIP 100 (1005)
R590	1-208-863-81	s	RES, CHIP 100 (1005)
R591	1-208-863-81	s	RES, CHIP 100 (1005)
R595	1-208-863-81	s	RES, CHIP 100 (1005)
R596	1-208-927-81	s	RES, CHIP 47K (1005)
R597	1-208-911-81	s	RES, CHIP 10K (1005)
R598	1-208-911-81	s	RES, CHIP 10K (1005)
R599	1-208-891-81	s	RES, CHIP 1.5K (1005)
R600	1-208-863-81	s	RES, CHIP 100 (1005)
R601	1-208-935-81	s	RES, CHIP 100K (1005)
R602	1-208-919-81	s	RES, CHIP 22K (1005)
R603	1-208-871-81	s	RES, CHIP 220 (1005)
R604	1-208-871-81	s	RES, CHIP 220 (1005)
R605	1-208-863-81	s	RES, CHIP 100 (1005)
R606	1-208-871-81	s	RES, CHIP 220 (1005)
R607	1-208-863-81	s	RES, CHIP 100 (1005)
R608	1-208-919-81	s	RES, CHIP 22K (1005)
R609	1-208-863-81	s	RES, CHIP 100 (1005)
R610	1-208-863-81	s	RES, CHIP 100 (1005)
R611	1-208-927-81	s	RES, CHIP 47K (1005)
R612	1-208-903-81	s	RES, CHIP 4.7K (1005)
R613	1-208-927-81	s	RES, CHIP 47K (1005)
R614	1-208-903-81	s	RES, CHIP 4.7K (1005)
R615	1-208-911-81	s	RES, CHIP 10K (1005)
R616	1-208-911-81	s	RES, CHIP 10K (1005)
R617	1-208-899-81	s	RES, CHIP 3.3K (1005)
R618	1-208-899-81	s	RES, CHIP 3.3K (1005)
R619	1-208-887-81	s	RES, CHIP 1.0K (1005)
R620	1-208-863-81	s	RES, CHIP 100 (1005)
R621	1-208-863-81	s	RES, CHIP 100 (1005)
R622	1-208-911-81	s	RES, CHIP 10K (1005)
R623	1-208-887-81	s	RES, CHIP 1.0K (1005)
R624	1-208-863-81	s	RES, CHIP 100 (1005)
R625	1-208-871-81	s	RES, CHIP 220 (1005)
R626	1-208-863-81	s	RES, CHIP 100 (1005)
R627	1-208-863-81	s	RES, CHIP 100 (1005)
R628	1-208-895-81	s	RES, CHIP 2.2K (1005)
R629	1-208-863-81	s	RES, CHIP 100 (1005)
R630	1-208-863-81	s	RES, CHIP 100 (1005)

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R631	1-208-895-81	s	RES, CHIP 2.2K (1005)
R632	1-208-863-81	s	RES, CHIP 100 (1005)
R633	1-208-863-81	s	RES, CHIP 100 (1005)
R634	1-208-863-81	s	RES, CHIP 100 (1005)
R635	1-208-863-81	s	RES, CHIP 100 (1005)
R636	1-208-871-81	s	RES, CHIP 220 (1005)
R637	1-208-871-81	s	RES, CHIP 220 (1005)
R638	1-208-863-81	s	RES, CHIP 100 (1005)
R639	1-208-863-81	s	RES, CHIP 100 (1005)
R640	1-208-863-81	s	RES, CHIP 100 (1005)
R641	1-208-863-81	s	RES, CHIP 100 (1005)
R642	1-208-863-81	s	RES, CHIP 100 (1005)
R643	1-208-927-81	s	RES, CHIP 47K (1005)
R644	1-208-927-81	s	RES, CHIP 47K (1005)
R645	1-208-911-81	s	RES, CHIP 10K (1005)
R646	1-208-891-81	s	RES, CHIP 1.5K (1005)
R647	1-208-863-81	s	RES, CHIP 100 (1005)
R648	1-208-863-81	s	RES, CHIP 100 (1005)
R649	1-208-863-81	s	RES, CHIP 100 (1005)
R650	1-208-863-81	s	RES, CHIP 100 (1005)
R651	1-208-863-81	s	RES, CHIP 100 (1005)
R652	1-208-911-81	s	RES, CHIP 10K (1005)
R653	1-208-891-81	s	RES, CHIP 1.5K (1005)
R654	1-208-863-81	s	RES, CHIP 100 (1005)
R655	1-208-863-81	s	RES, CHIP 100 (1005)
R656	1-208-863-81	s	RES, CHIP 100 (1005)
R657	1-208-863-81	s	RES, CHIP 100 (1005)
R658	1-208-863-81	s	RES, CHIP 100 (1005)
R659	1-208-863-81	s	RES, CHIP 100 (1005)
R660	1-208-927-81	s	RES, CHIP 47K (1005)
R661	1-208-927-81	s	RES, CHIP 47K (1005)
R662	1-208-903-81	s	RES, CHIP 4.7K (1005)
R663	1-208-927-81	s	RES, CHIP 47K (1005)
R664	1-208-903-81	s	RES, CHIP 4.7K (1005)
R665	1-208-927-81	s	RES, CHIP 47K (1005)
R666	1-208-887-81	s	RES, CHIP 1.0K (1005)
R667	1-208-863-81	s	RES, CHIP 100 (1005)
R668	1-208-863-81	s	RES, CHIP 100 (1005)
R669	1-208-863-81	s	RES, CHIP 100 (1005)
R670	1-208-863-81	s	RES, CHIP 100 (1005)
R671	1-208-911-81	s	RES, CHIP 10K (1005)
R672	1-208-887-81	s	RES, CHIP 1.0K (1005)
R673	1-208-863-81	s	RES, CHIP 100 (1005)
R674	1-208-863-81	s	RES, CHIP 100 (1005)
R675	1-208-863-81	s	RES, CHIP 100 (1005)
R676	1-208-863-81	s	RES, CHIP 100 (1005)
R677	1-208-863-81	s	RES, CHIP 100 (1005)
R678	1-208-899-81	s	RES, CHIP 3.3K (1005)
R679	1-208-899-81	s	RES, CHIP 3.3K (1005)
R680	1-208-911-81	s	RES, CHIP 10K (1005)
R681	1-208-891-81	s	RES, CHIP 1.5K (1005)
R682	1-208-863-81	s	RES, CHIP 100 (1005)
R683	1-208-863-81	s	RES, CHIP 100 (1005)
R684	1-208-863-81	s	RES, CHIP 100 (1005)
R685	1-208-863-81	s	RES, CHIP 100 (1005)
R686	1-208-863-81	s	RES, CHIP 100 (1005)
R687	1-208-895-81	s	RES, CHIP 2.2K (1005)
R688	1-208-895-81	s	RES, CHIP 2.2K (1005)
R689	1-208-863-81	s	RES, CHIP 100 (1005)
R701	1-208-863-81	s	RES, CHIP 100 (1005)
R702	1-208-895-81	s	RES, CHIP 2.2K (1005)
R703	1-208-903-81	s	RES, CHIP 4.7K (1005)
R704	1-208-903-81	s	RES, CHIP 4.7K (1005)
R705	1-220-878-81	s	RES, CHIP 22 (1005)
R706	1-220-878-81	s	RES, CHIP 22 (1005)

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R707	1-220-878-81	s	RES, CHIP 22 (1005)
R708	1-208-863-81	s	RES, CHIP 100 (1005)
R709	1-208-863-81	s	RES, CHIP 100 (1005)
R710	1-208-863-81	s	RES, CHIP 100 (1005)
R711	1-208-863-81	s	RES, CHIP 100 (1005)
R712	1-208-863-81	s	RES, CHIP 100 (1005)
R713	1-208-863-81	s	RES, CHIP 100 (1005)
R714	1-208-863-81	s	RES, CHIP 100 (1005)
R715	1-208-863-81	s	RES, CHIP 100 (1005)
R716	1-208-863-81	s	RES, CHIP 100 (1005)
R717	1-208-863-81	s	RES, CHIP 100 (1005)
R718	1-208-863-81	s	RES, CHIP 100 (1005)
R719	1-208-903-81	s	RES, CHIP 4.7K (1005)
R720	1-208-903-81	s	RES, CHIP 4.7K (1005)
R721	1-208-903-81	s	RES, CHIP 4.7K (1005)
R722	1-220-878-81	s	RES, CHIP 22 (1005)
R723	1-220-878-81	s	RES, CHIP 22 (1005)
R724	1-208-863-81	s	RES, CHIP 100 (1005)
R725	1-220-878-81	s	RES, CHIP 22 (1005)
R726	1-208-863-81	s	RES, CHIP 100 (1005)
R727	1-220-878-81	s	RES, CHIP 22 (1005)
R728	1-208-903-81	s	RES, CHIP 4.7K (1005)
R729	1-208-903-81	s	RES, CHIP 4.7K (1005)
R730	1-208-863-81	s	RES, CHIP 100 (1005)
R731	1-208-863-81	s	RES, CHIP 100 (1005)
R732	1-208-911-81	s	RES, CHIP 10K (1005)
R733	1-208-911-81	s	RES, CHIP 10K (1005)
R734	1-208-895-81	s	RES, CHIP 2.2K (1005)
R735	1-208-895-81	s	RES, CHIP 2.2K (1005)
R736	1-208-863-81	s	RES, CHIP 100 (1005)
R737	1-220-878-81	s	RES, CHIP 22 (1005)
R738	1-208-863-81	s	RES, CHIP 100 (1005)
R739	1-220-878-81	s	RES, CHIP 22 (1005)
R740	1-208-863-81	s	RES, CHIP 100 (1005)
R741	1-220-878-81	s	RES, CHIP 22 (1005)
R742	1-208-903-81	s	RES, CHIP 4.7K (1005)
R743	1-208-903-81	s	RES, CHIP 4.7K (1005)
R744	1-208-903-81	s	RES, CHIP 4.7K (1005)
R745	1-208-863-81	s	RES, CHIP 100 (1005)
R746	1-208-863-81	s	RES, CHIP 100 (1005)
R747	1-208-863-81	s	RES, CHIP 100 (1005)
R748	1-208-863-81	s	RES, CHIP 100 (1005)
R749	1-208-863-81	s	RES, CHIP 100 (1005)
R750	1-208-903-81	s	RES, CHIP 4.7K (1005)
R751	1-208-903-81	s	RES, CHIP 4.7K (1005)
R752	1-220-878-81	s	RES, CHIP 22 (1005)
R753	1-220-878-81	s	RES, CHIP 22 (1005)
R754	1-208-875-81	s	RES, CHIP 330 (1005)
R755	1-208-871-81	s	RES, CHIP 220 (1005)
R756	1-208-863-81	s	RES, CHIP 100 (1005)
R757	1-208-863-81	s	RES, CHIP 100 (1005)
R758	1-208-863-81	s	RES, CHIP 100 (1005)
R759	1-208-863-81	s	RES, CHIP 100 (1005)
R760	1-208-863-81	s	RES, CHIP 100 (1005)
R761	1-208-863-81	s	RES, CHIP 100 (1005)
R762	1-208-863-81	s	RES, CHIP 100 (1005)
R764	1-208-863-81	s	RES, CHIP 100 (1005)
R765	1-208-863-81	s	RES, CHIP 100 (1005)
R766	1-208-887-81	s	RES, CHIP 1.0K (1005)
R767	1-208-935-81	s	RES, CHIP 100K (1005)
R768	1-208-863-81	s	RES, CHIP 100 (1005)
R769	1-208-863-81	s	RES, CHIP 100 (1005)
R770	1-208-863-81	s	RES, CHIP 100 (1005)
R771	1-208-863-81	s	RES, CHIP 100 (1005)
R772	1-208-863-81	s	RES, CHIP 100 (1005)

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R801	1-208-911-81	s	RES, CHIP 10K (1005)
R802	1-208-911-81	s	RES, CHIP 10K (1005)
R803	1-208-911-81	s	RES, CHIP 10K (1005)
R804	1-208-935-81	s	RES, CHIP 100K (1005)
R805	1-208-935-81	s	RES, CHIP 100K (1005)
R806	1-208-863-81	s	RES, CHIP 100 (1005)
R807	1-208-863-81	s	RES, CHIP 100 (1005)
R808	1-208-863-81	s	RES, CHIP 100 (1005)
R809	1-208-939-81	s	RES, CHIP 150K (1005)
R810	1-208-931-81	s	RES, CHIP 68K (1005)
R812	1-208-927-81	s	RES, CHIP 47K (1005)
R813	1-208-915-81	s	RES, CHIP 15K (1005)
R814	1-208-915-81	s	RES, CHIP 15K (1005)
R815	1-208-927-81	s	RES, CHIP 47K (1005)
R816	1-208-919-81	s	RES, CHIP 22K (1005)
R817	1-208-927-81	s	RES, CHIP 47K (1005)
R818	1-208-919-81	s	RES, CHIP 22K (1005)
R819	1-208-911-81	s	RES, CHIP 10K (1005)
R820	1-208-931-81	s	RES, CHIP 68K (1005)
R821	1-208-887-81	s	RES, CHIP 1.0K (1005)
R822	1-208-923-81	s	RES, CHIP 33K (1005)
R823	1-208-923-81	s	RES, CHIP 33K (1005)
R824	1-208-935-81	s	RES, CHIP 100K (1005)
R825	1-208-927-81	s	RES, CHIP 47K (1005)
R826	1-208-919-81	s	RES, CHIP 22K (1005)
R827	1-208-911-81	s	RES, CHIP 10K (1005)
R828	1-208-923-81	s	RES, CHIP 33K (1005)
R829	1-208-911-81	s	RES, CHIP 10K (1005)
R830	1-208-927-81	s	RES, CHIP 47K (1005)
R831	1-208-923-81	s	RES, CHIP 33K (1005)
R832	1-208-911-81	s	RES, CHIP 10K (1005)
R833	1-208-903-81	s	RES, CHIP 4.7K (1005)
R834	1-208-923-81	s	RES, CHIP 33K (1005)
R835	1-208-903-81	s	RES, CHIP 4.7K (1005)
R836	1-208-871-81	s	RES, CHIP 220 (1005)
R837	1-208-871-81	s	RES, CHIP 220 (1005)
R838	1-208-871-81	s	RES, CHIP 220 (1005)
R839	1-208-871-81	s	RES, CHIP 220 (1005)
R840	1-208-871-81	s	RES, CHIP 220 (1005)
R841	1-208-919-81	s	RES, CHIP 22K (1005)
R842	1-208-871-81	s	RES, CHIP 220 (1005)
R843	1-208-915-81	s	RES, CHIP 15K (1005)
R844	1-208-895-81	s	RES, CHIP 2.2K (1005)
R845	1-208-907-81	s	RES, CHIP 6.8K (1005)
R846	1-208-887-81	s	RES, CHIP 1.0K (1005)
R847	1-208-911-81	s	RES, CHIP 10K (1005)
R848	1-208-927-81	s	RES, CHIP 47K (1005)
R849	1-208-907-81	s	RES, CHIP 6.8K (1005)
R850	1-208-935-81	s	RES, CHIP 100K (1005)
R851	1-208-935-81	s	RES, CHIP 100K (1005)
R852	1-208-923-81	s	RES, CHIP 33K (1005)
R854	1-208-935-81	s	RES, CHIP 100K (1005)
R855	1-208-935-81	s	RES, CHIP 100K (1005)
R856	1-208-863-81	s	RES, CHIP 100 (1005)
R857	1-208-911-81	s	RES, CHIP 10K (1005)
R858	1-208-911-81	s	RES, CHIP 10K (1005)
R859	1-208-863-81	s	RES, CHIP 100 (1005)
R860	1-208-863-81	s	RES, CHIP 100 (1005)
R861	1-208-863-81	s	RES, CHIP 100 (1005)
R862	1-208-863-81	s	RES, CHIP 100 (1005)
R863	1-208-863-81	s	RES, CHIP 100 (1005)
R864	1-208-863-81	s	RES, CHIP 100 (1005)
R865	1-208-855-81	s	RES, CHIP 47 (1005)
R866	1-208-863-81	s	RES, CHIP 100 (1005)
R867	1-208-863-81	s	RES, CHIP 100 (1005)

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R868	1-208-863-81	s	RES, CHIP 100 (1005)
R869	1-208-863-81	s	RES, CHIP 100 (1005)
R870	1-208-943-81	s	RES, CHIP 220K (1005)
R871	1-208-935-81	s	RES, CHIP 100K (1005)
R872	1-208-871-81	s	RES, CHIP 220 (1005)
R873	1-208-871-81	s	RES, CHIP 220 (1005)
R874	1-208-919-81	s	RES, CHIP 22K (1005)
R875	1-220-878-81	s	RES, CHIP 22 (1005)
R876	1-220-878-81	s	RES, CHIP 22 (1005)
R877	1-208-895-81	s	RES, CHIP 2.2K (1005)
R902	1-208-911-81	s	RES, CHIP 10K (1005)
R904	1-208-911-81	s	RES, CHIP 10K (1005)
R905	1-208-855-81	s	RES, CHIP 47 (1005)
R906	1-208-855-81	s	RES, CHIP 47 (1005)
R907	1-208-855-81	s	RES, CHIP 47 (1005)
R908	1-208-855-81	s	RES, CHIP 47 (1005)
R909	1-208-855-81	s	RES, CHIP 47 (1005)
R910	1-220-878-81	s	RES, CHIP 22 (1005)
R911	1-220-878-81	s	RES, CHIP 22 (1005)
R913	1-220-870-81	s	RES, CHIP 10 (1005)
R914	1-220-878-81	s	RES, CHIP 22 (1005)
R915	1-220-878-81	s	RES, CHIP 22 (1005)
R917	1-220-878-81	s	RES, CHIP 22 (1005)
R919	1-220-878-81	s	RES, CHIP 22 (1005)
R921	1-220-878-81	s	RES, CHIP 22 (1005)
R922	1-220-878-81	s	RES, CHIP 22 (1005)
R923	1-220-878-81	s	RES, CHIP 22 (1005)
R924	1-220-878-81	s	RES, CHIP 22 (1005)
R925	1-220-878-81	s	RES, CHIP 22 (1005)
R926	1-208-855-81	s	RES, CHIP 47 (1005)
R1001	1-208-863-81	s	RES, CHIP 100 (1005)
R1002	1-208-863-81	s	RES, CHIP 100 (1005)
R1003	1-208-863-81	s	RES, CHIP 100 (1005)
R1004	1-208-863-81	s	RES, CHIP 100 (1005)
R1005	1-208-863-81	s	RES, CHIP 100 (1005)
R1006	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1007	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1008	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1009	1-208-923-81	s	RES, CHIP 33K (1005)
R1010	1-208-871-81	s	RES, CHIP 220 (1005)
R1011	1-208-919-81	s	RES, CHIP 22K (1005)
R1012	1-208-919-81	s	RES, CHIP 22K (1005)
R1013	1-220-870-81	s	RES, CHIP 10 (1005)
R1014	1-220-870-81	s	RES, CHIP 10 (1005)
R1015	1-208-927-81	s	RES, CHIP 47K (1005)
R1016	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1017	1-208-863-81	s	RES, CHIP 100 (1005)
R1018	1-218-989-81	s	RES, CHIP 1M
R1019	1-208-863-81	s	RES, CHIP 100 (1005)
R1020	1-208-863-81	s	RES, CHIP 100 (1005)
R1021	1-208-863-81	s	RES, CHIP 100 (1005)
R1022	1-208-863-81	s	RES, CHIP 100 (1005)
R1023	1-208-863-81	s	RES, CHIP 100 (1005)
R1024	1-208-863-81	s	RES, CHIP 100 (1005)
R1025	1-208-863-81	s	RES, CHIP 100 (1005)
R1026	1-208-863-81	s	RES, CHIP 100 (1005)
R1027	1-208-863-81	s	RES, CHIP 100 (1005)
R1028	1-208-863-81	s	RES, CHIP 100 (1005)
R1029	1-208-863-81	s	RES, CHIP 100 (1005)
R1030	1-220-878-81	s	RES, CHIP 22 (1005)
R1031	1-220-878-81	s	RES, CHIP 22 (1005)
R1032	1-220-878-81	s	RES, CHIP 22 (1005)
R1035	1-220-878-81	s	RES, CHIP 22 (1005)
R1036	1-220-878-81	s	RES, CHIP 22 (1005)
R1037	1-220-878-81	s	RES, CHIP 22 (1005)

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R1038	1-220-878-81	s	RES, CHIP 22 (1005)
R1039	1-220-878-81	s	RES, CHIP 22 (1005)
R1040	1-220-878-81	s	RES, CHIP 22 (1005)
R1041	1-220-878-81	s	RES, CHIP 22 (1005)
R1042	1-220-878-81	s	RES, CHIP 22 (1005)
R1043	1-220-878-81	s	RES, CHIP 22 (1005)
R1103	1-208-911-81	s	RES, CHIP 10K (1005)
R1104	1-208-855-81	s	RES, CHIP 47 (1005)
R1105	1-208-855-81	s	RES, CHIP 47 (1005)
R1106	1-208-855-81	s	RES, CHIP 47 (1005)
R1107	1-208-855-81	s	RES, CHIP 47 (1005)
R1108	1-208-863-81	s	RES, CHIP 100 (1005)
R1109	1-208-863-81	s	RES, CHIP 100 (1005)
R1110	1-208-863-81	s	RES, CHIP 100 (1005)
R1111	1-208-863-81	s	RES, CHIP 100 (1005)
R1112	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1113	1-208-911-81	s	RES, CHIP 10K (1005)
R1114	1-208-911-81	s	RES, CHIP 10K (1005)
R1115	1-208-911-81	s	RES, CHIP 10K (1005)
R1116	1-208-855-81	s	RES, CHIP 47 (1005)
R1117	1-208-855-81	s	RES, CHIP 47 (1005)
R1120	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1121	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1124	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1126	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1130	1-208-855-81	s	RES, CHIP 47 (1005)
R1131	1-208-855-81	s	RES, CHIP 47 (1005)
R1132	1-208-911-81	s	RES, CHIP 10K (1005)
R1133	1-208-911-81	s	RES, CHIP 10K (1005)
R1151	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1152	1-208-863-81	s	RES, CHIP 100 (1005)
R1153	1-208-863-81	s	RES, CHIP 100 (1005)
R1154	1-208-863-81	s	RES, CHIP 100 (1005)
R1155	1-220-870-81	s	RES, CHIP 10 (1005)
R1159	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1160	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1161	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1162	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1163	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1164	1-220-870-81	s	RES, CHIP 10 (1005)
R1166	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1168	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1169	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1170	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1171	1-208-863-81	s	RES, CHIP 100 (1005)
R1172	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1173	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1175	1-208-911-81	s	RES, CHIP 10K (1005)
R1176	1-208-911-81	s	RES, CHIP 10K (1005)
R1177	1-208-875-81	s	RES, CHIP 330 (1005)
R1178	1-208-911-81	s	RES, CHIP 10K (1005)
R1179	1-208-863-81	s	RES, CHIP 100 (1005)
R1180	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1181	1-208-875-81	s	RES, CHIP 330 (1005)
R1182	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1183	1-208-859-81	s	RES, CHIP 68 (1005)
R1184	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1185	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1186	1-208-875-81	s	RES, CHIP 330 (1005)
R1187	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1188	1-208-875-81	s	RES, CHIP 330 (1005)
R1190	1-220-870-81	s	RES, CHIP 10 (1005)
R1191	1-220-870-81	s	RES, CHIP 10 (1005)
R1192	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1193	1-208-863-81	s	RES, CHIP 100 (1005)

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R1194	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1195	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1196	1-208-863-81	s	RES, CHIP 100 (1005)
R1197	1-208-859-81	s	RES, CHIP 68 (1005)
R1198	1-220-870-81	s	RES, CHIP 10 (1005)
R1199	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1200	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1201	1-208-911-81	s	RES, CHIP 10K (1005)
R1202	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1203	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1204	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1205	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1206	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1207	1-208-863-81	s	RES, CHIP 100 (1005)
R1208	1-208-863-81	s	RES, CHIP 100 (1005)
R1209	1-208-863-81	s	RES, CHIP 100 (1005)
R1210	1-208-863-81	s	RES, CHIP 100 (1005)
R1211	1-208-863-81	s	RES, CHIP 100 (1005)
R1212	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1213	1-208-859-81	s	RES, CHIP 68 (1005)
R1214	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1215	1-208-867-81	s	RES, CHIP 150 (1005)
R1216	1-208-867-81	s	RES, CHIP 150 (1005)
R1217	1-208-867-81	s	RES, CHIP 150 (1005)
R1218	1-208-867-81	s	RES, CHIP 150 (1005)
R1219	1-208-863-81	s	RES, CHIP 100 (1005)
R1220	1-208-867-81	s	RES, CHIP 150 (1005)
R1221	1-208-867-81	s	RES, CHIP 150 (1005)
R1222	1-208-867-81	s	RES, CHIP 150 (1005)
R1223	1-208-867-81	s	RES, CHIP 150 (1005)
R1224	1-208-867-81	s	RES, CHIP 150 (1005)
R1225	1-208-867-81	s	RES, CHIP 150 (1005)
R1226	1-208-867-81	s	RES, CHIP 150 (1005)
R1227	1-208-867-81	s	RES, CHIP 150 (1005)
R1228	1-208-867-81	s	RES, CHIP 150 (1005)
R1229	1-208-867-81	s	RES, CHIP 150 (1005)
R1230	1-208-867-81	s	RES, CHIP 150 (1005)
R1231	1-208-867-81	s	RES, CHIP 150 (1005)
R1232	1-208-867-81	s	RES, CHIP 150 (1005)
R1233	1-208-867-81	s	RES, CHIP 150 (1005)
R1234	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1235	1-220-870-81	s	RES, CHIP 10 (1005)
R1236	1-208-863-81	s	RES, CHIP 100 (1005)
R1237	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1238	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1239	1-208-863-81	s	RES, CHIP 100 (1005)
R1240	1-208-863-81	s	RES, CHIP 100 (1005)
R1241	1-208-863-81	s	RES, CHIP 100 (1005)
R1242	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1243	1-208-863-81	s	RES, CHIP 100 (1005)
R1244	1-208-911-81	s	RES, CHIP 10K (1005)
R1245	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1246	1-208-863-81	s	RES, CHIP 100 (1005)
R1247	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1248	1-208-879-81	s	RES, CHIP 470 (1005)
R1250	1-208-891-81	s	RES, CHIP 1.5K (1005)
R1251	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1254	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1255	1-208-863-81	s	RES, CHIP 100 (1005)
R1256	1-208-863-81	s	RES, CHIP 100 (1005)
R1257	1-208-911-81	s	RES, CHIP 10K (1005)
R1258	1-208-867-81	s	RES, CHIP 150 (1005)
R1259	1-208-867-81	s	RES, CHIP 150 (1005)
R1260	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1261	1-208-899-81	s	RES, CHIP 3.3K (1005)

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R1262	1-220-870-81	s	RES, CHIP 10 (1005)
R1263	1-208-875-81	s	RES, CHIP 330 (1005)
R1265	1-208-875-81	s	RES, CHIP 330 (1005)
R1266	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1267	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1268	1-208-863-81	s	RES, CHIP 100 (1005)
R1269	1-208-875-81	s	RES, CHIP 330 (1005)
R1271	1-208-911-81	s	RES, CHIP 10K (1005)
R1272	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1274	1-208-883-81	s	RES, CHIP 680 (1005)
R1275	1-208-923-81	s	RES, CHIP 33K (1005)
R1276	1-208-939-81	s	RES, CHIP 150K (1005)
R1277	1-208-923-81	s	RES, CHIP 33K (1005)
R1278	1-208-939-81	s	RES, CHIP 150K (1005)
R1280	1-208-859-81	s	RES, CHIP 68 (1005)
R1281	1-208-883-81	s	RES, CHIP 680 (1005)
R1284	1-208-863-81	s	RES, CHIP 100 (1005)
R1285	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1288	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1289	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1290	1-208-863-81	s	RES, CHIP 100 (1005)
R1291	1-220-870-81	s	RES, CHIP 10 (1005)
R1294	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1295	1-208-867-81	s	RES, CHIP 150 (1005)
R1296	1-208-867-81	s	RES, CHIP 150 (1005)
R1297	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1298	1-208-883-81	s	RES, CHIP 680 (1005)
R1299	1-208-863-81	s	RES, CHIP 100 (1005)
R1301	1-208-867-81	s	RES, CHIP 150 (1005)
R1302	1-208-867-81	s	RES, CHIP 150 (1005)
R1303	1-208-919-81	s	RES, CHIP 22K (1005)
R1304	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1305	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1306	1-208-863-81	s	RES, CHIP 100 (1005)
R1307	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1308	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1309	1-208-891-81	s	RES, CHIP 1.5K (1005)
R1310	1-220-870-81	s	RES, CHIP 10 (1005)
R1311	1-208-875-81	s	RES, CHIP 330 (1005)
R1312	1-208-879-81	s	RES, CHIP 470 (1005)
R1313	1-208-911-81	s	RES, CHIP 10K (1005)
R1314	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1315	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1316	1-208-879-81	s	RES, CHIP 470 (1005)
R1317	1-208-863-81	s	RES, CHIP 100 (1005)
R1318	1-208-883-81	s	RES, CHIP 680 (1005)
R1319	1-208-859-81	s	RES, CHIP 68 (1005)
R1320	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1321	1-208-871-81	s	RES, CHIP 220 (1005)
R1323	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1326	1-208-871-81	s	RES, CHIP 220 (1005)
R1327	1-208-891-81	s	RES, CHIP 1.5K (1005)
R1328	1-208-867-81	s	RES, CHIP 150 (1005)
R1329	1-208-867-81	s	RES, CHIP 150 (1005)
R1330	1-208-863-81	s	RES, CHIP 100 (1005)
R1331	1-208-863-81	s	RES, CHIP 100 (1005)
R1332	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1333	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1334	1-208-875-81	s	RES, CHIP 330 (1005)
R1335	1-208-863-81	s	RES, CHIP 100 (1005)
R1336	1-208-863-81	s	RES, CHIP 100 (1005)
R1337	1-208-863-81	s	RES, CHIP 100 (1005)
R1338	1-208-863-81	s	RES, CHIP 100 (1005)
R1339	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1340	1-208-955-81	s	RES, CHIP 680K (1005)

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R1341	1-208-951-81	s	RES, CHIP 470K (1005)
R1342	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1343	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1344	1-208-939-81	s	RES, CHIP 150K (1005)
R1345	1-208-935-81	s	RES, CHIP 100K (1005)
R1346	1-208-955-81	s	RES, CHIP 680K (1005)
R1347	1-208-875-81	s	RES, CHIP 330 (1005)
R1348	1-208-855-81	s	RES, CHIP 47 (1005)
R1349	1-208-871-81	s	RES, CHIP 220 (1005)
R1350	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1352	1-220-870-81	s	RES, CHIP 10 (1005)
R1353	1-208-863-81	s	RES, CHIP 100 (1005)
R1354	1-208-863-81	s	RES, CHIP 100 (1005)
R1355	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1356	1-208-863-81	s	RES, CHIP 100 (1005)
R1358	1-208-911-81	s	RES, CHIP 10K (1005)
R1359	1-208-863-81	s	RES, CHIP 100 (1005)
R1360	1-208-863-81	s	RES, CHIP 100 (1005)
R1361	1-208-863-81	s	RES, CHIP 100 (1005)
R1365	1-208-863-81	s	RES, CHIP 100 (1005)
R1366	1-208-863-81	s	RES, CHIP 100 (1005)
R1367	1-208-911-81	s	RES, CHIP 10K (1005)
R1368	1-208-863-81	s	RES, CHIP 100 (1005)
R1401	1-208-863-81	s	RES, CHIP 100 (1005)
R1402	1-208-863-81	s	RES, CHIP 100 (1005)
R1403	1-208-871-81	s	RES, CHIP 220 (1005)
R1404	1-208-871-81	s	RES, CHIP 220 (1005)
R1405	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1407	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1411	1-208-863-81	s	RES, CHIP 100 (1005)
R1412	1-208-863-81	s	RES, CHIP 100 (1005)
R1413	1-208-863-81	s	RES, CHIP 100 (1005)
R1414	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1415	1-208-911-81	s	RES, CHIP 10K (1005)
R1416	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1417	1-208-863-81	s	RES, CHIP 100 (1005)
R1418	1-208-863-81	s	RES, CHIP 100 (1005)
R1419	1-208-863-81	s	RES, CHIP 100 (1005)
R1420	1-208-863-81	s	RES, CHIP 100 (1005)
R1421	1-208-863-81	s	RES, CHIP 100 (1005)
R1422	1-208-863-81	s	RES, CHIP 100 (1005)
R1423	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1424	1-208-863-81	s	RES, CHIP 100 (1005)
R1425	1-208-863-81	s	RES, CHIP 100 (1005)
R1426	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1427	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1430	1-220-870-81	s	RES, CHIP 10 (1005)
R1431	1-220-870-81	s	RES, CHIP 10 (1005)
R1432	1-220-870-81	s	RES, CHIP 10 (1005)
R1433	1-220-870-81	s	RES, CHIP 10 (1005)
R1434	1-208-863-81	s	RES, CHIP 100 (1005)
R1435	1-208-863-81	s	RES, CHIP 100 (1005)
R1436	1-208-863-81	s	RES, CHIP 100 (1005)
R1437	1-208-863-81	s	RES, CHIP 100 (1005)
R1438	1-208-863-81	s	RES, CHIP 100 (1005)
R1439	1-208-863-81	s	RES, CHIP 100 (1005)
R1440	1-208-935-81	s	RES, CHIP 100K (1005)
R1441	1-208-863-81	s	RES, CHIP 100 (1005)
R1442	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1443	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1444	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1448	1-208-863-81	s	RES, CHIP 100 (1005)
R1449	1-208-863-81	s	RES, CHIP 100 (1005)
R1451	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1452	1-208-887-81	s	RES, CHIP 1.0K (1005)

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R1453	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1454	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1455	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1456	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1457	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1458	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1459	1-208-911-81	s	RES, CHIP 10K (1005)
R1460	1-208-955-81	s	RES, CHIP 680K (1005)
R1461	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1462	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1463	1-208-959-81	s	RES, CHIP 1M (1005)
R1464	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1465	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1466	1-208-911-81	s	RES, CHIP 10K (1005)
R1467	1-208-959-81	s	RES, CHIP 1M (1005)
R1468	1-208-959-81	s	RES, CHIP 1M (1005)
R1469	1-208-915-81	s	RES, CHIP 15K (1005)
R1470	1-208-915-81	s	RES, CHIP 15K (1005)
R1501	1-208-911-81	s	RES, CHIP 10K (1005)
R1502	1-208-919-81	s	RES, CHIP 22K (1005)
R1503	1-208-935-81	s	RES, CHIP 100K (1005)
R1504	1-208-935-81	s	RES, CHIP 100K (1005)
R1505	1-208-935-81	s	RES, CHIP 100K (1005)
R1506	1-208-935-81	s	RES, CHIP 100K (1005)
R1507	1-208-863-81	s	RES, CHIP 100 (1005)
R1508	1-208-927-81	s	RES, CHIP 47K (1005)
R1509	1-208-863-81	s	RES, CHIP 100 (1005)
R1511	1-208-863-81	s	RES, CHIP 100 (1005)
R1513	1-208-911-81	s	RES, CHIP 10K (1005)
R1514	1-208-911-81	s	RES, CHIP 10K (1005)
R1515	1-208-911-81	s	RES, CHIP 10K (1005)
R1516	1-208-911-81	s	RES, CHIP 10K (1005)
R1517	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1518	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1519	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1520	1-208-883-81	s	RES, CHIP 680 (1005)
R1521	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1522	1-208-915-81	s	RES, CHIP 15K (1005)
R1523	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1524	1-208-915-81	s	RES, CHIP 15K (1005)
R1525	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1526	1-208-883-81	s	RES, CHIP 680 (1005)
R1528	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1529	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1530	1-208-863-81	s	RES, CHIP 100 (1005)
R1531	1-208-863-81	s	RES, CHIP 100 (1005)
R1532	1-208-863-81	s	RES, CHIP 100 (1005)
R1533	1-208-863-81	s	RES, CHIP 100 (1005)
R1534	1-208-855-81	s	RES, CHIP 47 (1005)
R1535	1-208-911-81	s	RES, CHIP 10K (1005)
R1536	1-208-911-81	s	RES, CHIP 10K (1005)
R1537	1-208-911-81	s	RES, CHIP 10K (1005)
R1538	1-208-915-81	s	RES, CHIP 15K (1005)
R1539	1-208-915-81	s	RES, CHIP 15K (1005)
R1540	1-208-915-81	s	RES, CHIP 15K (1005)
R1541	1-208-915-81	s	RES, CHIP 15K (1005)
R1542	1-208-927-81	s	RES, CHIP 47K (1005)
R1543	1-208-927-81	s	RES, CHIP 47K (1005)
R1544	1-208-915-81	s	RES, CHIP 15K (1005)
R1545	1-208-915-81	s	RES, CHIP 15K (1005)
R1546	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1547	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1548	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1549	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1550	1-208-935-81	s	RES, CHIP 100K (1005)

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R1551	1-208-935-81	s	RES, CHIP 100K (1005)
R1552	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1553	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1554	1-208-915-81	s	RES, CHIP 15K (1005)
R1555	1-208-915-81	s	RES, CHIP 15K (1005)
R1556	1-208-891-81	s	RES, CHIP 1.5K (1005)
R1557	1-208-891-81	s	RES, CHIP 1.5K (1005)
R1558	1-208-891-81	s	RES, CHIP 1.5K (1005)
R1559	1-208-891-81	s	RES, CHIP 1.5K (1005)
R1560	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1561	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1562	1-208-935-81	s	RES, CHIP 100K (1005)
R1564	1-208-935-81	s	RES, CHIP 100K (1005)
R1565	1-208-915-81	s	RES, CHIP 15K (1005)
R1566	1-208-915-81	s	RES, CHIP 15K (1005)
R1567	1-208-935-81	s	RES, CHIP 100K (1005)
R1568	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1569	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1570	1-208-935-81	s	RES, CHIP 100K (1005)
R1571	1-208-935-81	s	RES, CHIP 100K (1005)
R1572	1-208-935-81	s	RES, CHIP 100K (1005)
R1573	1-208-911-81	s	RES, CHIP 10K (1005)
R1575	1-208-911-81	s	RES, CHIP 10K (1005)
R1577	1-220-870-81	s	RES, CHIP 10 (1005)
R1578	1-220-870-81	s	RES, CHIP 10 (1005)
R1579	1-220-253-91	s	RES, SQUARE TYPE CHIP 47(3225)
R1580	1-220-253-91	s	RES, SQUARE TYPE CHIP 47(3225)
R1581	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1582	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1583	1-208-959-81	s	RES, CHIP 1M (1005)
R1584	1-208-959-81	s	RES, CHIP 1M (1005)
R1585	1-208-915-81	s	RES, CHIP 15K (1005)
R1586	1-208-915-81	s	RES, CHIP 15K (1005)
R1587	1-208-911-81	s	RES, CHIP 10K (1005)
R1588	1-208-911-81	s	RES, CHIP 10K (1005)
R1589	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1590	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1591	1-208-907-81	s	RES, CHIP 6.8K (1005)
R1592	1-208-907-81	s	RES, CHIP 6.8K (1005)
R1651	1-208-911-81	s	RES, CHIP 10K (1005)
R1652	1-208-911-81	s	RES, CHIP 10K (1005)
R1653	1-208-911-81	s	RES, CHIP 10K (1005)
R1654	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1655	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1656	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1657	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1658	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1659	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1660	1-208-891-81	s	RES, CHIP 1.5K (1005)
R1661	1-208-891-81	s	RES, CHIP 1.5K (1005)
R1662	1-208-891-81	s	RES, CHIP 1.5K (1005)
R1663	1-208-891-81	s	RES, CHIP 1.5K (1005)
R1664	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1665	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1666	1-208-935-81	s	RES, CHIP 100K (1005)
R1667	1-208-935-81	s	RES, CHIP 100K (1005)
R1668	1-208-863-81	s	RES, CHIP 100 (1005)
R1669	1-208-863-81	s	RES, CHIP 100 (1005)
R1670	1-208-855-81	s	RES, CHIP 47 (1005)
R1671	1-208-915-81	s	RES, CHIP 15K (1005)
R1672	1-208-927-81	s	RES, CHIP 47K (1005)
R1673	1-208-927-81	s	RES, CHIP 47K (1005)
R1674	1-208-915-81	s	RES, CHIP 15K (1005)
R1675	1-208-915-81	s	RES, CHIP 15K (1005)
R1676	1-208-915-81	s	RES, CHIP 15K (1005)

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R1677	1-208-927-81	s	RES, CHIP 47K (1005)
R1678	1-208-915-81	s	RES, CHIP 15K (1005)
R1679	1-208-915-81	s	RES, CHIP 15K (1005)
R1680	1-208-911-81	s	RES, CHIP 10K (1005)
R1681	1-208-911-81	s	RES, CHIP 10K (1005)
R1682	1-208-935-81	s	RES, CHIP 100K (1005)
R1683	1-208-935-81	s	RES, CHIP 100K (1005)
R1684	1-218-989-81	s	RES, CHIP 1M
R1685	1-218-989-81	s	RES, CHIP 1M
R1686	1-208-911-81	s	RES, CHIP 10K (1005)
R1687	1-208-911-81	s	RES, CHIP 10K (1005)
R1688	1-208-911-81	s	RES, CHIP 10K (1005)
R1689	1-208-911-81	s	RES, CHIP 10K (1005)
R1690	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1691	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1692	1-208-935-81	s	RES, CHIP 100K (1005)
R1693	1-208-935-81	s	RES, CHIP 100K (1005)
R1694	1-208-927-81	s	RES, CHIP 47K (1005)
R1695	1-208-927-81	s	RES, CHIP 47K (1005)
R1696	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1697	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1698	1-208-935-81	s	RES, CHIP 100K (1005)
R1699	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1700	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1701	1-208-935-81	s	RES, CHIP 100K (1005)
R1702	1-208-935-81	s	RES, CHIP 100K (1005)
R1703	1-208-935-81	s	RES, CHIP 100K (1005)
R1704	1-208-911-81	s	RES, CHIP 10K (1005)
R1706	1-208-911-81	s	RES, CHIP 10K (1005)
R1708	1-220-870-81	s	RES, CHIP 10 (1005)
R1709	1-220-870-81	s	RES, CHIP 10 (1005)
R1710	1-220-253-91	s	RES, SQUARE TYPE CHIP 47(3225)
R1711	1-220-253-91	s	RES, SQUARE TYPE CHIP 47(3225)
R1712	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1713	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1718	1-220-878-81	s	RES, CHIP 22 (1005)
R1719	1-208-959-81	s	RES, CHIP 1M (1005)
R1720	1-208-959-81	s	RES, CHIP 1M (1005)
R1721	1-208-915-81	s	RES, CHIP 15K (1005)
R1722	1-208-915-81	s	RES, CHIP 15K (1005)
R1723	1-208-959-81	s	RES, CHIP 1M (1005)
R1724	1-208-959-81	s	RES, CHIP 1M (1005)
R1725	1-208-915-81	s	RES, CHIP 15K (1005)
R1726	1-208-915-81	s	RES, CHIP 15K (1005)
R1727	1-208-907-81	s	RES, CHIP 6.8K (1005)
R1728	1-208-907-81	s	RES, CHIP 6.8K (1005)
R1801	1-208-943-81	s	RES, CHIP 220K (1005)
R1802	1-208-943-81	s	RES, CHIP 220K (1005)
R1803	1-208-911-81	s	RES, CHIP 10K (1005)
R1804	1-208-911-81	s	RES, CHIP 10K (1005)
R1805	1-208-891-81	s	RES, CHIP 1.5K (1005)
R1806	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1807	1-208-907-81	s	RES, CHIP 6.8K (1005)
R1808	1-208-911-81	s	RES, CHIP 10K (1005)
R1809	1-208-879-81	s	RES, CHIP 470 (1005)
R1810	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1811	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1812	1-208-919-81	s	RES, CHIP 22K (1005)
R1813	1-208-931-81	s	RES, CHIP 68K (1005)
R1814	1-208-911-81	s	RES, CHIP 10K (1005)
R1815	1-220-870-81	s	RES, CHIP 10 (1005)
R1816	1-208-919-81	s	RES, CHIP 22K (1005)
R1817	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1818	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1819	1-208-911-81	s	RES, CHIP 10K (1005)

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R1820	1-208-911-81	s	RES, CHIP 10K (1005)
R1821	1-220-870-81	s	RES, CHIP 10 (1005)
R1822	1-208-919-81	s	RES, CHIP 22K (1005)
R1823	1-208-943-81	s	RES, CHIP 220K (1005)
R1824	1-208-919-81	s	RES, CHIP 22K (1005)
R1825	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1826	1-208-879-81	s	RES, CHIP 470 (1005)
R1827	1-208-919-81	s	RES, CHIP 22K (1005)
R1828	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1829	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1830	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1831	1-220-870-81	s	RES, CHIP 10 (1005)
R1832	1-208-867-81	s	RES, CHIP 150 (1005)
R1833	1-208-919-81	s	RES, CHIP 22K (1005)
R1834	1-220-870-81	s	RES, CHIP 10 (1005)
R1835	1-208-863-81	s	RES, CHIP 100 (1005)
R1836	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1837	1-208-879-81	s	RES, CHIP 470 (1005)
R1838	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1839	1-220-870-81	s	RES, CHIP 10 (1005)
R1840	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1841	1-208-879-81	s	RES, CHIP 470 (1005)
R1842	1-220-870-81	s	RES, CHIP 10 (1005)
R1843	1-220-870-81	s	RES, CHIP 10 (1005)
R1844	1-220-870-81	s	RES, CHIP 10 (1005)
R1845	1-208-911-81	s	RES, CHIP 10K (1005)
R1846	1-208-879-81	s	RES, CHIP 470 (1005)
R1847	1-208-919-81	s	RES, CHIP 22K (1005)
R1848	1-208-879-81	s	RES, CHIP 470 (1005)
R1849	1-220-870-81	s	RES, CHIP 10 (1005)
R1850	1-208-935-81	s	RES, CHIP 100K (1005)
R1851	1-208-935-81	s	RES, CHIP 100K (1005)
R1852	1-220-870-81	s	RES, CHIP 10 (1005)
R1853	1-208-935-81	s	RES, CHIP 100K (1005)
R1854	1-208-943-81	s	RES, CHIP 220K (1005)
R1855	1-208-943-81	s	RES, CHIP 220K (1005)
R1856	1-220-870-81	s	RES, CHIP 10 (1005)
R1857	1-220-870-81	s	RES, CHIP 10 (1005)
R1858	1-208-935-81	s	RES, CHIP 100K (1005)
R1859	1-208-935-81	s	RES, CHIP 100K (1005)
R1860	1-220-870-81	s	RES, CHIP 10 (1005)
R1861	1-208-935-81	s	RES, CHIP 100K (1005)
R1863	1-208-911-81	s	RES, CHIP 10K (1005)
R1865	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1866	1-208-911-81	s	RES, CHIP 10K (1005)
R1867	1-208-923-81	s	RES, CHIP 33K (1005)
R1868	1-208-927-81	s	RES, CHIP 47K (1005)
R1870	1-208-923-81	s	RES, CHIP 33K (1005)
R1871	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1872	1-208-911-81	s	RES, CHIP 10K (1005)
R1873	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1875	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1876	1-218-989-81	s	RES, CHIP 1M
R1878	1-208-943-81	s	RES, CHIP 220K (1005)
R1879	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1880	1-208-911-81	s	RES, CHIP 10K (1005)
R1882	1-208-943-81	s	RES, CHIP 220K (1005)
R1884	1-208-919-81	s	RES, CHIP 22K (1005)
R1885	1-208-919-81	s	RES, CHIP 22K (1005)
R1887	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1888	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1889	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1890	1-208-911-81	s	RES, CHIP 10K (1005)
R1891	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1892	1-208-899-81	s	RES, CHIP 3.3K (1005)

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R1893	1-208-911-81	s	RES, CHIP 10K (1005)
R1894	1-208-911-81	s	RES, CHIP 10K (1005)
R1895	1-220-253-91	s	RES, SQUARE TYPE CHIP 47(3225)
R1896	1-208-911-81	s	RES, CHIP 10K (1005)
R1897	1-208-911-81	s	RES, CHIP 10K (1005)
R1898	1-208-911-81	s	RES, CHIP 10K (1005)
R1899	1-220-253-91	s	RES, SQUARE TYPE CHIP 47(3225)
R1900	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1902	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1904	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1905	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1907	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1908	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1909	1-208-871-81	s	RES, CHIP 220 (1005)
R1910	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1911	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1912	1-208-911-81	s	RES, CHIP 10K (1005)
R1913	1-208-911-81	s	RES, CHIP 10K (1005)
R1914	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1915	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1916	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1917	1-208-863-81	s	RES, CHIP 100 (1005)
R1919	1-208-935-81	s	RES, CHIP 100K (1005)
R1920	1-208-935-81	s	RES, CHIP 100K (1005)
R1921	1-208-919-81	s	RES, CHIP 22K (1005)
R1922	1-208-935-81	s	RES, CHIP 100K (1005)
R1923	1-208-919-81	s	RES, CHIP 22K (1005)
R1924	1-208-935-81	s	RES, CHIP 100K (1005)
R1925	1-208-919-81	s	RES, CHIP 22K (1005)
R1951	1-208-943-81	s	RES, CHIP 220K (1005)
R1952	1-208-943-81	s	RES, CHIP 220K (1005)
R1953	1-208-911-81	s	RES, CHIP 10K (1005)
R1954	1-208-911-81	s	RES, CHIP 10K (1005)
R1955	1-208-891-81	s	RES, CHIP 1.5K (1005)
R1956	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1957	1-208-911-81	s	RES, CHIP 10K (1005)
R1958	1-208-879-81	s	RES, CHIP 470 (1005)
R1959	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1960	1-208-911-81	s	RES, CHIP 10K (1005)
R1961	1-220-870-81	s	RES, CHIP 10 (1005)
R1962	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1963	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1964	1-208-911-81	s	RES, CHIP 10K (1005)
R1965	1-208-911-81	s	RES, CHIP 10K (1005)
R1966	1-220-870-81	s	RES, CHIP 10 (1005)
R1967	1-208-919-81	s	RES, CHIP 22K (1005)
R1968	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1969	1-208-879-81	s	RES, CHIP 470 (1005)
R1970	1-220-870-81	s	RES, CHIP 10 (1005)
R1971	1-220-870-81	s	RES, CHIP 10 (1005)
R1972	1-208-863-81	s	RES, CHIP 100 (1005)
R1973	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1974	1-208-879-81	s	RES, CHIP 470 (1005)
R1975	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1976	1-220-870-81	s	RES, CHIP 10 (1005)
R1977	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1978	1-208-879-81	s	RES, CHIP 470 (1005)
R1979	1-220-870-81	s	RES, CHIP 10 (1005)
R1980	1-220-870-81	s	RES, CHIP 10 (1005)
R1981	1-220-870-81	s	RES, CHIP 10 (1005)
R1982	1-208-911-81	s	RES, CHIP 10K (1005)
R1983	1-208-879-81	s	RES, CHIP 470 (1005)
R1984	1-208-919-81	s	RES, CHIP 22K (1005)
R1985	1-208-879-81	s	RES, CHIP 470 (1005)
R1986	1-220-870-81	s	RES, CHIP 10 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R1987	1-220-870-81	s	RES, CHIP 10 (1005)
R1989	1-220-870-81	s	RES, CHIP 10 (1005)
R1991	1-208-943-81	s	RES, CHIP 220K (1005)
R1992	1-208-943-81	s	RES, CHIP 220K (1005)
R1997	1-220-870-81	s	RES, CHIP 10 (1005)
R1998	1-220-870-81	s	RES, CHIP 10 (1005)
R1999	1-208-927-81	s	RES, CHIP 47K (1005)
R2000	1-208-919-81	s	RES, CHIP 22K (1005)
R2002	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2004	1-208-927-81	s	RES, CHIP 47K (1005)
R2005	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2007	1-208-911-81	s	RES, CHIP 10K (1005)
R2008	1-208-923-81	s	RES, CHIP 33K (1005)
R2009	1-208-927-81	s	RES, CHIP 47K (1005)
R2012	1-208-919-81	s	RES, CHIP 22K (1005)
R2013	1-218-989-81	s	RES, CHIP 1M
R2014	1-218-989-81	s	RES, CHIP 1M
R2016	1-218-989-81	s	RES, CHIP 1M
R2017	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2018	1-208-923-81	s	RES, CHIP 33K (1005)
R2019	1-208-943-81	s	RES, CHIP 220K (1005)
R2020	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2021	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2022	1-208-923-81	s	RES, CHIP 33K (1005)
R2023	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2024	1-208-943-81	s	RES, CHIP 220K (1005)
R2025	1-208-927-81	s	RES, CHIP 47K (1005)
R2027	1-208-895-81	s	RES, CHIP 2.2K (1005)
R2028	1-208-919-81	s	RES, CHIP 22K (1005)
R2029	1-208-919-81	s	RES, CHIP 22K (1005)
R2031	1-208-911-81	s	RES, CHIP 10K (1005)
R2032	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2033	1-208-863-81	s	RES, CHIP 100 (1005)
R2034	1-208-863-81	s	RES, CHIP 100 (1005)
R2035	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2036	1-208-911-81	s	RES, CHIP 10K (1005)
R2037	1-220-253-91	s	RES, SQUARE TYPE CHIP 47(3225)
R2038	1-218-823-91	s	RES, CHIP 100 (1608)
R2039	1-208-911-81	s	RES, CHIP 10K (1005)
R2040	1-208-911-81	s	RES, CHIP 10K (1005)
R2041	1-208-911-81	s	RES, CHIP 10K (1005)
R2042	1-218-823-91	s	RES, CHIP 100 (1608)
R2043	1-208-911-81	s	RES, CHIP 10K (1005)
R2044	1-218-823-91	s	RES, CHIP 100 (1608)
R2045	1-220-253-91	s	RES, SQUARE TYPE CHIP 47(3225)
R2046	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2047	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2048	1-208-911-81	s	RES, CHIP 10K (1005)
R2049	1-208-923-81	s	RES, CHIP 33K (1005)
R2050	1-208-927-81	s	RES, CHIP 47K (1005)
R2051	1-218-823-91	s	RES, CHIP 100 (1608)
R2052	1-208-915-81	s	RES, CHIP 15K (1005)
R2053	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2054	1-208-935-81	s	RES, CHIP 100K (1005)
R2055	1-208-911-81	s	RES, CHIP 10K (1005)
R2056	1-208-911-81	s	RES, CHIP 10K (1005)
R2057	1-208-911-81	s	RES, CHIP 10K (1005)
R2058	1-208-915-81	s	RES, CHIP 15K (1005)
R2059	1-208-927-81	s	RES, CHIP 47K (1005)
R2060	1-208-895-81	s	RES, CHIP 2.2K (1005)
R2063	1-208-863-81	s	RES, CHIP 100 (1005)
R2064	1-208-927-81	s	RES, CHIP 47K (1005)
R2065	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2066	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2067	1-208-911-81	s	RES, CHIP 10K (1005)

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R2068	1-208-911-81	s	RES, CHIP 10K (1005)
R2069	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2070	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2071	1-208-895-81	s	RES, CHIP 2.2K (1005)
R2072	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2073	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2101	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2102	1-208-895-81	s	RES, CHIP 2.2K (1005)
R2103	1-208-911-81	s	RES, CHIP 10K (1005)
R2104	1-208-927-81	s	RES, CHIP 47K (1005)
R2105	1-208-927-81	s	RES, CHIP 47K (1005)
R2106	1-208-911-81	s	RES, CHIP 10K (1005)
R2107	1-208-919-81	s	RES, CHIP 22K (1005)
R2108	1-218-871-91	s	RES, CHIP 10K (1608)
R2109	1-208-911-81	s	RES, CHIP 10K (1005)
R2110	1-216-837-91	s	RES, CHIP 22K (1608)
R2111	1-208-911-81	s	RES, CHIP 10K (1005)
R2112	1-208-911-81	s	RES, CHIP 10K (1005)
R2113	1-216-837-91	s	RES, CHIP 22K (1608)
R2114	1-218-871-91	s	RES, CHIP 10K (1608)
R2115	1-208-943-81	s	RES, CHIP 220K (1005)
R2116	1-208-911-81	s	RES, CHIP 10K (1005)
R2117	1-208-895-81	s	RES, CHIP 2.2K (1005)
R2118	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2119	1-220-882-81	s	RES, CHIP 33 (1005)
R2120	1-218-827-91	s	RES, CHIP 150 (1608)
R2121	1-220-882-81	s	RES, CHIP 33 (1005)
R2122	1-218-827-91	s	RES, CHIP 150 (1608)
R2123	1-208-927-81	s	RES, CHIP 47K (1005)
R2124	1-208-927-81	s	RES, CHIP 47K (1005)
R2125	1-208-927-81	s	RES, CHIP 47K (1005)
R2126	1-208-927-81	s	RES, CHIP 47K (1005)
R2128	1-218-989-81	s	RES, CHIP 1M
R2130	1-218-989-81	s	RES, CHIP 1M
R2131	1-208-899-81	s	RES, CHIP 3.3K (1005)
R2132	1-218-989-81	s	RES, CHIP 1M
R2133	1-208-899-81	s	RES, CHIP 3.3K (1005)
R2134	1-208-919-81	s	RES, CHIP 22K (1005)
R2135	1-218-871-91	s	RES, CHIP 10K (1608)
R2136	1-216-837-91	s	RES, CHIP 22K (1608)
R2137	1-218-989-81	s	RES, CHIP 1M
R2138	1-216-837-91	s	RES, CHIP 22K (1608)
R2139	1-218-871-91	s	RES, CHIP 10K (1608)
R2140	1-208-943-81	s	RES, CHIP 220K (1005)
R2141	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2142	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2143	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2144	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2145	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2146	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2147	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2148	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2149	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2150	1-208-855-81	s	RES, CHIP 47 (1005)
R2151	1-220-870-81	s	RES, CHIP 10 (1005)
R2152	1-208-919-81	s	RES, CHIP 22K (1005)
R2153	1-208-899-81	s	RES, CHIP 3.3K (1005)
R2154	1-208-879-81	s	RES, CHIP 470 (1005)
R2155	1-218-989-81	s	RES, CHIP 1M
R2156	1-220-870-81	s	RES, CHIP 10 (1005)
R2157	1-208-863-81	s	RES, CHIP 100 (1005)
R2158	1-208-895-81	s	RES, CHIP 2.2K (1005)
R2159	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2160	1-208-911-81	s	RES, CHIP 10K (1005)
R2161	1-220-870-81	s	RES, CHIP 10 (1005)

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R2162	1-208-879-81	s	RES, CHIP 470 (1005)
R2163	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2164	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2165	1-208-911-81	s	RES, CHIP 10K (1005)
R2166	1-220-870-81	s	RES, CHIP 10 (1005)
R2167	1-208-899-81	s	RES, CHIP 3.3K (1005)
R2168	1-208-879-81	s	RES, CHIP 470 (1005)
R2169	1-208-855-81	s	RES, CHIP 47 (1005)
R2170	1-220-870-81	s	RES, CHIP 10 (1005)
R2171	1-220-870-81	s	RES, CHIP 10 (1005)
R2172	1-208-911-81	s	RES, CHIP 10K (1005)
R2173	1-208-879-81	s	RES, CHIP 470 (1005)
R2174	1-208-919-81	s	RES, CHIP 22K (1005)
R2175	1-220-870-81	s	RES, CHIP 10 (1005)
R2176	1-208-879-81	s	RES, CHIP 470 (1005)
R2177	1-208-935-81	s	RES, CHIP 100K (1005)
R2178	1-208-935-81	s	RES, CHIP 100K (1005)
R2179	1-220-870-81	s	RES, CHIP 10 (1005)
R2180	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2181	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2182	1-208-895-81	s	RES, CHIP 2.2K (1005)
R2183	1-208-911-81	s	RES, CHIP 10K (1005)
R2184	1-208-927-81	s	RES, CHIP 47K (1005)
R2185	1-208-927-81	s	RES, CHIP 47K (1005)
R2186	1-208-911-81	s	RES, CHIP 10K (1005)
R2187	1-208-919-81	s	RES, CHIP 22K (1005)
R2188	1-218-871-91	s	RES, CHIP 10K (1608)
R2189	1-208-911-81	s	RES, CHIP 10K (1005)
R2190	1-216-837-91	s	RES, CHIP 22K (1608)
R2191	1-208-911-81	s	RES, CHIP 10K (1005)
R2192	1-208-911-81	s	RES, CHIP 10K (1005)
R2193	1-216-837-91	s	RES, CHIP 22K (1608)
R2194	1-218-871-91	s	RES, CHIP 10K (1608)
R2195	1-208-943-81	s	RES, CHIP 220K (1005)
R2196	1-208-911-81	s	RES, CHIP 10K (1005)
R2197	1-208-895-81	s	RES, CHIP 2.2K (1005)
R2198	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2199	1-220-882-81	s	RES, CHIP 33 (1005)
R2200	1-218-827-91	s	RES, CHIP 150 (1608)
R2201	1-220-882-81	s	RES, CHIP 33 (1005)
R2202	1-218-827-91	s	RES, CHIP 150 (1608)
R2203	1-208-927-81	s	RES, CHIP 47K (1005)
R2204	1-208-927-81	s	RES, CHIP 47K (1005)
R2205	1-208-927-81	s	RES, CHIP 47K (1005)
R2206	1-208-927-81	s	RES, CHIP 47K (1005)
R2208	1-218-989-81	s	RES, CHIP 1M
R2210	1-218-989-81	s	RES, CHIP 1M
R2211	1-208-899-81	s	RES, CHIP 3.3K (1005)
R2212	1-218-989-81	s	RES, CHIP 1M
R2213	1-208-899-81	s	RES, CHIP 3.3K (1005)
R2214	1-208-919-81	s	RES, CHIP 22K (1005)
R2215	1-218-871-91	s	RES, CHIP 10K (1608)
R2216	1-216-837-91	s	RES, CHIP 22K (1608)
R2217	1-218-989-81	s	RES, CHIP 1M
R2218	1-216-837-91	s	RES, CHIP 22K (1608)
R2219	1-218-871-91	s	RES, CHIP 10K (1608)
R2220	1-208-943-81	s	RES, CHIP 220K (1005)
R2221	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2222	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2223	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2224	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2225	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2226	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2227	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2228	1-208-887-81	s	RES, CHIP 1.0K (1005)

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R2229	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2230	1-208-855-81	s	RES, CHIP 47 (1005)
R2231	1-220-870-81	s	RES, CHIP 10 (1005)
R2232	1-208-919-81	s	RES, CHIP 22K (1005)
R2233	1-208-899-81	s	RES, CHIP 3.3K (1005)
R2234	1-208-879-81	s	RES, CHIP 470 (1005)
R2235	1-218-989-81	s	RES, CHIP 1M
R2236	1-220-870-81	s	RES, CHIP 10 (1005)
R2237	1-208-863-81	s	RES, CHIP 100 (1005)
R2238	1-208-895-81	s	RES, CHIP 2.2K (1005)
R2239	1-208-903-81	s	RES, CHIP 4.7K (1005)
R2240	1-208-911-81	s	RES, CHIP 10K (1005)
R2241	1-220-870-81	s	RES, CHIP 10 (1005)
R2242	1-208-879-81	s	RES, CHIP 470 (1005)
R2243	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2244	1-208-887-81	s	RES, CHIP 1.0K (1005)
R2245	1-208-911-81	s	RES, CHIP 10K (1005)
R2246	1-220-870-81	s	RES, CHIP 10 (1005)
R2247	1-208-899-81	s	RES, CHIP 3.3K (1005)
R2248	1-208-879-81	s	RES, CHIP 470 (1005)
R2249	1-208-855-81	s	RES, CHIP 47 (1005)
R2250	1-220-870-81	s	RES, CHIP 10 (1005)
R2251	1-220-870-81	s	RES, CHIP 10 (1005)
R2252	1-208-911-81	s	RES, CHIP 10K (1005)
R2253	1-208-879-81	s	RES, CHIP 470 (1005)
R2254	1-208-919-81	s	RES, CHIP 22K (1005)
R2255	1-220-870-81	s	RES, CHIP 10 (1005)
R2256	1-208-879-81	s	RES, CHIP 470 (1005)
R2257	1-208-935-81	s	RES, CHIP 100K (1005)
R2258	1-208-935-81	s	RES, CHIP 100K (1005)
R2259	1-220-870-81	s	RES, CHIP 10 (1005)
RB301	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB302	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB303	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB304	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB305	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB306	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB312	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB313	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB314	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB315	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB316	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB317	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB318	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB401	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB402	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB403	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB404	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB405	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB406	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB407	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB408	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB409	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB410	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB411	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB412	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB413	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB414	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB415	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB601	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB701	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB702	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB703	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB704	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB705	1-234-370-21	s	RES, NETWORK 22 (1005X4)

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RB706	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB707	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB708	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB709	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB710	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB711	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB712	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB713	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB714	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB715	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB716	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB717	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB718	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB719	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB720	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB721	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB722	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB723	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB724	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB801	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB802	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB901	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB902	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB903	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB904	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB905	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB906	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB907	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB908	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB909	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB910	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB911	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB1101	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB1102	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB1103	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB1104	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB1105	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB1201	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB1401	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB1501	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB1502	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB1503	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB1601	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB1602	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB1603	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RV1901	1-225-793-21	s	RES, ADJ, CERMET 20K
S3	1-771-796-21	s	SWITCH, SLIDE
S301	1-771-709-41	s	SWITCH, SLIDE
S601	1-786-725-21	s	SWITCH, TACTILE
S901	1-692-270-41	s	SWITCH, SLIDE
THP1 ⚠	1-802-063-21	s	THERMISTOR, POSITIVE
THP101 ⚠	1-803-615-21	s	THERMISTOR, POSITIVE
THP102 ⚠	1-803-615-21	s	THERMISTOR, POSITIVE
THP103 ⚠	1-803-615-21	s	THERMISTOR, POSITIVE
TP1	1-780-408-11	o	TERMINAL, LUG
TP2	1-780-408-11	o	TERMINAL, LUG
TP3	1-780-408-11	o	TERMINAL, LUG
TP301	1-535-877-22	s	CHIP, CHECKER
TP1301	1-535-877-22	s	CHIP, CHECKER
X401	1-813-052-21	s	VIBRATOR, CRYSTAL (25 MHz)
X1001	1-813-253-12	s	OSCILLATOR, CRYSTAL (VCXO) 5V

TG-276 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1867-059-A	s	MOUNTED CIRCUIT BOARD, TG-276
C2	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C3	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C4	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C5	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C6	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C8	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C9	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C10	1-114-549-11	s	CAP, NIOBIUM ELECT 47UF
C11	1-114-549-11	s	CAP, NIOBIUM ELECT 47UF
C12	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C13	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C14	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C15	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C16	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C17	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C18	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C19	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C20	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C21	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C22	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C23	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C24	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C25	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C26	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C27	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C28	1-114-549-11	s	CAP, NIOBIUM ELECT 47UF
C29	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C30	1-114-549-11	s	CAP, NIOBIUM ELECT 47UF
C32	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C38	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C40	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C42	1-114-548-11	s	CAP, NIOBIUM ELECT 22UF
C43	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C45	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C46	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C47	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C48	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C49	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C50	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C51	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C52	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C53	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C54	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C55	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C56	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C57	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C58	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C59	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C60	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C61	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C62	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C63	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C64	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C65	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C66	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C67	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C68	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C69	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C70	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C71	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C72	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C73	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C74	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)

TG-276 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C75	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C76	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C77	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C78	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C79	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C80	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C81	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C82	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C83	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C84	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C85	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C86	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C87	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C88	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C89	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C90	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C91	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C92	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C93	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C219	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
CN1	1-778-451-31	s	CONNECTOR, FFC/FPC(ZIF) AN 50P
CN2	1-770-627-21	s	PIN, CONNECTOR 10P
CN3	1-770-449-21	s	CONNECTOR, BOARD T1 BOARD 70P
D1	6-503-235-01	s	DI DA3J101F0L
ET1	1-780-627-11	s	TERMINAL, LUG
ET2	1-780-627-11	s	TERMINAL, LUG
ET3	1-780-627-11	s	TERMINAL, LUG
ET4	1-780-627-11	s	TERMINAL, LUG
FB2	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB3	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB4	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB5	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB6	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB7	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB8	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB9	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB10	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
IC3	6-709-647-01	s	IC TLC2932AIPWR
IC4	6-704-976-01	s	IC ADR381ARTZ-REEL7
IC5	6-704-571-01	s	IC TLC7703IPWR
IC6	8-759-669-66	s	IC TLC272CPWR-12
IC7	6-706-487-01	s	IC TC7SH08FU
IC8	6-711-852-01	s	IC LTC1844ES5-BYP
IC9	6-711-852-01	s	IC LTC1844ES5-BYP
IC11	8-759-327-01	s	IC NJM062V(TE2)
IC14	6-710-210-01	s	IC TPS73101DBVRG4
IC16	8-759-573-97	s	IC SN74LVC541APWR
IC17	8-759-592-42	s	IC TC7SZ00FU(TE85R)
IC19	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC20	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC21	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC22	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC23	8-759-592-44	s	IC TC7SZ04FU(TE85R)
IC214	6-705-449-01	s	IC HN58W241000I
L1	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L2	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L4	1-481-593-21	s	INDUCTOR, CHIP 22UH
L5	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L6	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L7	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L203	1-416-948-21	s	COIL, CHOKE (SMD) 10UH
Q1	6-550-632-01	s	TRANSISTOR 2SC4672-T100-Q

TG-276 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
Q2	8-729-026-84	s	TRANSISTOR 2SC4215Y-TE85L
Q3	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
R5	1-208-907-81	s	RES, CHIP 6.8K (1005)
R6	1-208-895-81	s	RES, CHIP 2.2K (1005)
R7	1-208-919-81	s	RES, CHIP 22K (1005)
R8	1-208-927-81	s	RES, CHIP 47K (1005)
R9	1-208-927-81	s	RES, CHIP 47K (1005)
R10	1-208-903-81	s	RES, CHIP 4.7K (1005)
R11	1-208-903-81	s	RES, CHIP 4.7K (1005)
R12	1-208-887-81	s	RES, CHIP 1.0K (1005)
R13	1-220-878-81	s	RES, CHIP 22 (1005)
R16	1-208-887-81	s	RES, CHIP 1.0K (1005)
R17	1-208-863-81	s	RES, CHIP 100 (1005)
R18	1-208-863-81	s	RES, CHIP 100 (1005)
R19	1-208-911-81	s	RES, CHIP 10K (1005)
R20	1-208-887-81	s	RES, CHIP 1.0K (1005)
R21	1-208-911-81	s	RES, CHIP 10K (1005)
R22	1-208-863-81	s	RES, CHIP 100 (1005)
R23	1-208-879-81	s	RES, CHIP 470 (1005)
R24	1-208-887-81	s	RES, CHIP 1.0K (1005)
R25	1-208-871-81	s	RES, CHIP 220 (1005)
R26	1-243-975-81	s	RES, CHIP 4.7M (1005)
R27	1-208-891-81	s	RES, CHIP 1.5K (1005)
R28	1-208-863-81	s	RES, CHIP 100 (1005)
R29	1-220-870-81	s	RES, CHIP 10 (1005)
R30	1-208-907-81	s	RES, CHIP 6.8K (1005)
R31	1-208-883-81	s	RES, CHIP 680 (1005)
R32	1-208-911-81	s	RES, CHIP 10K (1005)
R33	1-208-911-81	s	RES, CHIP 10K (1005)
R34	1-208-911-81	s	RES, CHIP 10K (1005)
R35	1-208-911-81	s	RES, CHIP 10K (1005)
R36	1-208-911-81	s	RES, CHIP 10K (1005)
R37	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R38	1-208-863-81	s	RES, CHIP 100 (1005)
R40	1-208-911-81	s	RES, CHIP 10K (1005)
R41	1-208-911-81	s	RES, CHIP 10K (1005)
R42	1-208-911-81	s	RES, CHIP 10K (1005)
R43	1-208-911-81	s	RES, CHIP 10K (1005)
R44	1-208-911-81	s	RES, CHIP 10K (1005)
R45	1-208-911-81	s	RES, CHIP 10K (1005)
R46	1-208-863-81	s	RES, CHIP 100 (1005)
R47	1-208-863-81	s	RES, CHIP 100 (1005)
R80	1-208-863-81	s	RES, CHIP 100 (1005)
R81	1-208-863-81	s	RES, CHIP 100 (1005)
R82	1-208-863-81	s	RES, CHIP 100 (1005)
R83	1-208-863-81	s	RES, CHIP 100 (1005)
R84	1-208-863-81	s	RES, CHIP 100 (1005)
R85	1-208-863-81	s	RES, CHIP 100 (1005)
R86	1-220-878-81	s	RES, CHIP 22 (1005)
R91	1-208-863-81	s	RES, CHIP 100 (1005)
R92	1-208-863-81	s	RES, CHIP 100 (1005)
R93	1-208-863-81	s	RES, CHIP 100 (1005)
R94	1-208-863-81	s	RES, CHIP 100 (1005)
R95	1-208-863-81	s	RES, CHIP 100 (1005)
R96	1-208-863-81	s	RES, CHIP 100 (1005)
R97	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R98	1-220-878-81	s	RES, CHIP 22 (1005)
R99	1-208-863-81	s	RES, CHIP 100 (1005)
R100	1-208-863-81	s	RES, CHIP 100 (1005)
R101	1-220-878-81	s	RES, CHIP 22 (1005)
R102	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R103	1-208-863-81	s	RES, CHIP 100 (1005)
R104	1-208-863-81	s	RES, CHIP 100 (1005)
R105	1-220-878-81	s	RES, CHIP 22 (1005)
R106	1-220-878-81	s	RES, CHIP 22 (1005)

TG-276 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
R107	1-220-870-81	s	RES, CHIP 10 (1005)
R108	1-208-863-81	s	RES, CHIP 100 (1005)
R109	1-220-870-81	s	RES, CHIP 10 (1005)
R111	1-208-863-81	s	RES, CHIP 100 (1005)
R112	1-220-878-81	s	RES, CHIP 22 (1005)
R113	1-220-878-81	s	RES, CHIP 22 (1005)
R114	1-208-887-81	s	RES, CHIP 1.0K (1005)
R115	1-220-870-81	s	RES, CHIP 10 (1005)
R120	1-208-855-81	s	RES, CHIP 47 (1005)
R121	1-220-878-81	s	RES, CHIP 22 (1005)
R122	1-208-911-81	s	RES, CHIP 10K (1005)
R123	1-208-887-81	s	RES, CHIP 1.0K (1005)
R124	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R127	1-220-870-81	s	RES, CHIP 10 (1005)
R129	1-208-855-81	s	RES, CHIP 47 (1005)
R130	1-220-878-81	s	RES, CHIP 22 (1005)
R132	1-208-911-81	s	RES, CHIP 10K (1005)
R134	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R141	1-208-911-81	s	RES, CHIP 10K (1005)
R142	1-208-911-81	s	RES, CHIP 10K (1005)
R146	1-208-911-81	s	RES, CHIP 10K (1005)
R147	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R149	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R150	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R151	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R154	1-208-911-81	s	RES, CHIP 10K (1005)
R155	1-220-870-81	s	RES, CHIP 10 (1005)
R156	1-220-870-81	s	RES, CHIP 10 (1005)
R157	1-220-870-81	s	RES, CHIP 10 (1005)
R158	1-220-870-81	s	RES, CHIP 10 (1005)
R159	1-208-911-81	s	RES, CHIP 10K (1005)
R160	1-208-911-81	s	RES, CHIP 10K (1005)
R161	1-208-911-81	s	RES, CHIP 10K (1005)
R162	1-208-911-81	s	RES, CHIP 10K (1005)
R163	1-208-911-81	s	RES, CHIP 10K (1005)
R164	1-208-911-81	s	RES, CHIP 10K (1005)
R165	1-208-911-81	s	RES, CHIP 10K (1005)
R182	1-220-870-81	s	RES, CHIP 10 (1005)
R183	1-208-863-81	s	RES, CHIP 100 (1005)
R184	1-208-863-81	s	RES, CHIP 100 (1005)
R194	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R195	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R196	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R197	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R198	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R264	1-208-911-81	s	RES, CHIP 10K (1005)
R265	1-208-911-81	s	RES, CHIP 10K (1005)
R266	1-208-863-81	s	RES, CHIP 100 (1005)
R267	1-208-863-81	s	RES, CHIP 100 (1005)
RB1	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB4	1-234-372-21	s	RES, NETWORK 100 (1005X4)

VA-243 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1860-212-A	s	MOUNTED CIRCUIT BOARD, VA-243
C1	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C2	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C3	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C5	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005

VA-243 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C9	1-164-842-81	s	CAP,CHIP CERAMIC 2.0PF CK 1005
C13	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C14	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C15	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C16	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C17	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C18	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C19	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C20	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C21	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C22	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C23	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C24	1-164-848-81	s	CAP, CHIP CERAMIC 8PF CH 1005
C25	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C26	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C27	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C31	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C32	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C34	1-164-844-81	s	CAP, CHIP CERAMIC 4PF CH 1005
C35	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C36	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C37	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C39	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C40	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C41	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C42	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C43	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C44	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C47	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C48	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C49	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C50	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C51	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C52	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C60	1-116-340-11	s	CAP, ELECT 22MF 105
C61	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C62	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C63	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C64	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C65	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C66	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C67	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C69	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C70	1-116-340-11	s	CAP, ELECT 22MF 105
C72	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C73	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C74	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C75	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C76	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C77	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C78	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C79	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C80	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C81	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C82	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C83	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C84	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C85	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C86	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C87	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C95	1-164-845-81	s	CAP, CHIP CERAMIC 5PF CH 1005
C97	1-114-528-21	s	CAP, ELECT 150MF
C98	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C106	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C107	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C108	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C109	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C110	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C111	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C112	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C113	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C114	1-116-099-11	s	CAP, ELECT 100MF 105
C115	1-114-528-21	s	CAP, ELECT 150MF
C117	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C118	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C119	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C120	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C121	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C122	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C123	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C124	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C125	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C126	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C127	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C128	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C129	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C130	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C131	1-116-340-11	s	CAP, ELECT 22MF 105
C132	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C133	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C134	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C135	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C141	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C142	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C409	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C410	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C411	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C412	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C414	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C415	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C416	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C417	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C418	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C419	1-114-386-11	s	CAP, NIOBIUM ELECT 100MF 105
C500	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C501	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C502	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C503	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C505	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C507	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C508	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C509	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C510	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C511	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C513	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C515	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C516	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C517	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C518	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C519	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C521	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
C523	1-164-840-81	s	CAP, CHIP CERAMIC 1PF CK 1005
CN3	1-778-451-31	s	CONNECTOR, FFC/FPC(ZIF) AN 50P
CN4	1-778-451-31	s	CONNECTOR, FFC/FPC(ZIF) AN 50P
CN5	1-778-451-31	s	CONNECTOR, FFC/FPC(ZIF) AN 50P
CN401	1-770-454-21	s	CONNECTOR, BOARD TO BOARD 70P
CN405	1-779-522-31	s	CONNECTOR, FFC/FPC(ZIF) AN 40P
ET401	1-780-627-11	s	TERMINAL, LUG
ET402	1-780-627-11	s	TERMINAL, LUG

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ET403	1-780-627-11	s	TERMINAL, LUG
ET404	1-780-627-11	s	TERMINAL, LUG
FB1	1-469-100-21	s	FERRITE, EMI (SMD) (1608)
FB401	1-400-832-21	s	SMD EMI FERRITE
IC1	8-759-592-42	s	IC TC7SZ00FU(TE85R)
IC2	8-759-592-42	s	IC TC7SZ00FU(TE85R)
IC4	8-759-327-01	s	IC NJM062V(TE2)
IC5	8-759-488-34	s	IC TLV2221CDBV
IC6	6-701-844-01	s	IC TC74VCX16823FT(EL)
IC8	6-700-225-01	s	IC TC74VCX157FT(EL)
IC9	6-700-225-01	s	IC TC74VCX157FT(EL)
IC11	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC12	6-701-844-01	s	IC TC74VCX16823FT(EL)
IC13	6-704-976-01	s	IC ADR381ARTZ-REEL7
IC14	8-759-327-01	s	IC NJM062V(TE2)
IC17	6-701-844-01	s	IC TC74VCX16823FT(EL)
IC18	6-710-988-01	s	IC TC74VCX16843(EL,F)
IC19	6-700-225-01	s	IC TC74VCX157FT(EL)
IC20	6-700-225-01	s	IC TC74VCX157FT(EL)
IC21	6-700-225-01	s	IC TC74VCX157FT(EL)
IC22	6-700-225-01	s	IC TC74VCX157FT(EL)
IC23	6-700-225-01	s	IC TC74VCX157FT(EL)
IC24	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC25	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC26	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC27	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC32	6-700-225-01	s	IC TC74VCX157FT(EL)
IC36	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC37	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC38	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC39	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC40	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC41	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC42	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC43	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC44	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC45	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC46	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC47	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC48	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC49	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC50	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC51	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC52	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC55	6-703-181-01	s	IC TC74VCX74FT(EL)
IC59	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC60	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC402	8-759-672-76	s	IC AK9813BF-E2
IC500	6-706-863-01	s	IC LMH6732MFX/NOPB
IC501	6-706-863-01	s	IC LMH6732MFX/NOPB
IC502	6-706-863-01	s	IC LMH6732MFX/NOPB
IC503	6-706-863-01	s	IC LMH6732MFX/NOPB
IC504	6-706-863-01	s	IC LMH6732MFX/NOPB
IC505	6-706-863-01	s	IC LMH6732MFX/NOPB
L1	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L2	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L4	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L5	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L6	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L7	1-457-455-11	s	CHOKE COIL 10UH
L8	1-414-467-41	s	INDUCTOR, CHIP (J) 22NH
Q1	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q2	8-729-209-73	s	TRANSISTOR 2SA1213Y-TE12L
Q3	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR

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Q4	8-729-209-73	s	TRANSISTOR 2SA1213Y-TE12L
Q5	6-550-631-01	s	TRANSISTOR 2SA1797-T100-Q
Q6	6-551-719-01	o	TRANSISTOR 2SC5876T106QR
R3	1-208-911-81	s	RES, CHIP 10K (1005)
R4	1-208-911-81	s	RES, CHIP 10K (1005)
R5	1-208-887-81	s	RES, CHIP 1.0K (1005)
R6	1-208-887-81	s	RES, CHIP 1.0K (1005)
R7	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R8	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R9	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R11	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R13	1-208-887-81	s	RES, CHIP 1.0K (1005)
R14	1-208-867-81	s	RES, CHIP 150 (1005)
R15	1-208-911-81	s	RES, CHIP 10K (1005)
R16	1-208-911-81	s	RES, CHIP 10K (1005)
R17	1-220-882-81	s	RES, CHIP 33 (1005)
R18	1-220-882-81	s	RES, CHIP 33 (1005)
R21	1-208-911-81	s	RES, CHIP 10K (1005)
R22	1-208-911-81	s	RES, CHIP 10K (1005)
R23	1-208-911-81	s	RES, CHIP 10K (1005)
R24	1-208-911-81	s	RES, CHIP 10K (1005)
R26	1-208-855-81	s	RES, CHIP 47 (1005)
R27	1-208-855-81	s	RES, CHIP 47 (1005)
R34	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R35	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R36	1-208-887-81	s	RES, CHIP 1.0K (1005)
R38	1-220-878-81	s	RES, CHIP 22 (1005)
R39	1-220-878-81	s	RES, CHIP 22 (1005)
R40	1-220-878-81	s	RES, CHIP 22 (1005)
R41	1-220-878-81	s	RES, CHIP 22 (1005)
R42	1-220-878-81	s	RES, CHIP 22 (1005)
R43	1-220-878-81	s	RES, CHIP 22 (1005)
R73	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R77	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R79	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R82	1-208-863-81	s	RES, CHIP 100 (1005)
R83	1-208-863-81	s	RES, CHIP 100 (1005)
R84	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R85	1-208-907-81	s	RES, CHIP 6.8K (1005)
R86	1-208-867-81	s	RES, CHIP 150 (1005)
R87	1-208-867-81	s	RES, CHIP 150 (1005)
R88	1-208-867-81	s	RES, CHIP 150 (1005)
R89	1-208-863-81	s	RES, CHIP 100 (1005)
R90	1-208-911-81	s	RES, CHIP 10K (1005)
R98	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R99	1-208-907-81	s	RES, CHIP 6.8K (1005)
R100	1-208-895-81	s	RES, CHIP 2.2K (1005)
R101	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R102	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R103	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R104	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R105	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R106	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R107	1-208-887-81	s	RES, CHIP 1.0K (1005)
R108	1-208-863-81	s	RES, CHIP 100 (1005)
R115	1-220-882-81	s	RES, CHIP 33 (1005)
R116	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R117	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R118	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R119	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R120	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R121	1-208-911-81	s	RES, CHIP 10K (1005)
R124	1-208-863-81	s	RES, CHIP 100 (1005)
R125	1-208-855-81	s	RES, CHIP 47 (1005)

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R126	1-208-887-81	s	RES, CHIP 1.0K (1005)
R127	1-208-903-81	s	RES, CHIP 4.7K (1005)
R128	1-208-887-81	s	RES, CHIP 1.0K (1005)
R129	1-208-903-81	s	RES, CHIP 4.7K (1005)
R130	1-208-943-81	s	RES, CHIP 220K (1005)
R131	1-208-863-81	s	RES, CHIP 100 (1005)
R132	1-208-871-81	s	RES, CHIP 220 (1005)
R133	1-208-855-81	s	RES, CHIP 47 (1005)
R151	1-220-882-81	s	RES, CHIP 33 (1005)
R152	1-220-882-81	s	RES, CHIP 33 (1005)
R153	1-220-882-81	s	RES, CHIP 33 (1005)
R157	1-208-863-81	s	RES, CHIP 100 (1005)
R158	1-208-863-81	s	RES, CHIP 100 (1005)
R159	1-208-863-81	s	RES, CHIP 100 (1005)
R160	1-208-863-81	s	RES, CHIP 100 (1005)
R161	1-208-863-81	s	RES, CHIP 100 (1005)
R162	1-208-863-81	s	RES, CHIP 100 (1005)
R166	1-220-882-81	s	RES, CHIP 33 (1005)
R168	1-220-882-81	s	RES, CHIP 33 (1005)
R170	1-220-882-81	s	RES, CHIP 33 (1005)
R172	1-220-882-81	s	RES, CHIP 33 (1005)
R174	1-220-882-81	s	RES, CHIP 33 (1005)
R176	1-220-882-81	s	RES, CHIP 33 (1005)
R177	1-220-882-81	s	RES, CHIP 33 (1005)
R178	1-220-882-81	s	RES, CHIP 33 (1005)
R179	1-220-882-81	s	RES, CHIP 33 (1005)
R180	1-220-882-81	s	RES, CHIP 33 (1005)
R181	1-220-882-81	s	RES, CHIP 33 (1005)
R182	1-220-882-81	s	RES, CHIP 33 (1005)
R192	1-208-887-81	s	RES, CHIP 1.0K (1005)
R193	1-208-887-81	s	RES, CHIP 1.0K (1005)
R194	1-208-887-81	s	RES, CHIP 1.0K (1005)
R195	1-208-887-81	s	RES, CHIP 1.0K (1005)
R196	1-208-887-81	s	RES, CHIP 1.0K (1005)
R197	1-208-887-81	s	RES, CHIP 1.0K (1005)
R198	1-208-927-81	s	RES, CHIP 47K (1005)
R204	1-208-911-81	s	RES, CHIP 10K (1005)
R205	1-208-911-81	s	RES, CHIP 10K (1005)
R206	1-208-911-81	s	RES, CHIP 10K (1005)
R207	1-208-911-81	s	RES, CHIP 10K (1005)
R208	1-208-911-81	s	RES, CHIP 10K (1005)
R209	1-208-911-81	s	RES, CHIP 10K (1005)
R216	1-208-919-81	s	RES, CHIP 22K (1005)
R217	1-208-927-81	s	RES, CHIP 47K (1005)
R218	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R219	1-220-878-81	s	RES, CHIP 22 (1005)
R220	1-220-878-81	s	RES, CHIP 22 (1005)
R221	1-220-878-81	s	RES, CHIP 22 (1005)
R222	1-220-878-81	s	RES, CHIP 22 (1005)
R223	1-220-878-81	s	RES, CHIP 22 (1005)
R224	1-220-878-81	s	RES, CHIP 22 (1005)
R225	1-220-878-81	s	RES, CHIP 22 (1005)
R226	1-220-878-81	s	RES, CHIP 22 (1005)
R227	1-220-878-81	s	RES, CHIP 22 (1005)
R273	1-208-863-81	s	RES, CHIP 100 (1005)
R280	1-208-863-81	s	RES, CHIP 100 (1005)
R294	1-208-927-81	s	RES, CHIP 47K (1005)
R295	1-208-863-81	s	RES, CHIP 100 (1005)
R296	1-208-863-81	s	RES, CHIP 100 (1005)
R297	1-208-863-81	s	RES, CHIP 100 (1005)
R298	1-208-863-81	s	RES, CHIP 100 (1005)
R299	1-208-863-81	s	RES, CHIP 100 (1005)
R300	1-208-863-81	s	RES, CHIP 100 (1005)
R301	1-208-863-81	s	RES, CHIP 100 (1005)
R302	1-208-863-81	s	RES, CHIP 100 (1005)

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R309	1-208-863-81	s	RES, CHIP 100 (1005)
R310	1-208-863-81	s	RES, CHIP 100 (1005)
R311	1-208-863-81	s	RES, CHIP 100 (1005)
R312	1-208-863-81	s	RES, CHIP 100 (1005)
R313	1-208-863-81	s	RES, CHIP 100 (1005)
R314	1-208-863-81	s	RES, CHIP 100 (1005)
R317	1-208-863-81	s	RES, CHIP 100 (1005)
R319	1-208-863-81	s	RES, CHIP 100 (1005)
R320	1-208-863-81	s	RES, CHIP 100 (1005)
R321	1-208-863-81	s	RES, CHIP 100 (1005)
R322	1-208-863-81	s	RES, CHIP 100 (1005)
R323	1-208-863-81	s	RES, CHIP 100 (1005)
R324	1-208-863-81	s	RES, CHIP 100 (1005)
R326	1-208-863-81	s	RES, CHIP 100 (1005)
R328	1-208-863-81	s	RES, CHIP 100 (1005)
R329	1-208-863-81	s	RES, CHIP 100 (1005)
R331	1-208-867-81	s	RES, CHIP 150 (1005)
R333	1-208-859-81	s	RES, CHIP 68 (1005)
R334	1-208-871-81	s	RES, CHIP 220 (1005)
R335	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R336	1-208-855-81	s	RES, CHIP 47 (1005)
R338	1-208-863-81	s	RES, CHIP 100 (1005)
R344	1-208-863-81	s	RES, CHIP 100 (1005)
R346	1-220-882-81	s	RES, CHIP 33 (1005)
R347	1-208-871-81	s	RES, CHIP 220 (1005)
R348	1-220-878-81	s	RES, CHIP 22 (1005)
R350	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R352	1-208-863-81	s	RES, CHIP 100 (1005)
R353	1-220-882-81	s	RES, CHIP 33 (1005)
R356	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R358	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R359	1-208-863-81	s	RES, CHIP 100 (1005)
R360	1-208-863-81	s	RES, CHIP 100 (1005)
R370	1-220-882-81	s	RES, CHIP 33 (1005)
R371	1-220-878-81	s	RES, CHIP 22 (1005)
R372	1-208-871-81	s	RES, CHIP 220 (1005)
R373	1-208-871-81	s	RES, CHIP 220 (1005)
R374	1-220-878-81	s	RES, CHIP 22 (1005)
R375	1-220-882-81	s	RES, CHIP 33 (1005)
R376	1-220-882-81	s	RES, CHIP 33 (1005)
R377	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R378	1-220-882-81	s	RES, CHIP 33 (1005)
R379	1-220-882-81	s	RES, CHIP 33 (1005)
R380	1-220-882-81	s	RES, CHIP 33 (1005)
R381	1-220-882-81	s	RES, CHIP 33 (1005)
R382	1-220-882-81	s	RES, CHIP 33 (1005)
R383	1-220-882-81	s	RES, CHIP 33 (1005)
R386	1-220-882-81	s	RES, CHIP 33 (1005)
R388	1-208-855-81	s	RES, CHIP 47 (1005)
R389	1-208-855-81	s	RES, CHIP 47 (1005)
R390	1-208-911-81	s	RES, CHIP 10K (1005)
R392	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R395	1-208-863-81	s	RES, CHIP 100 (1005)
R396	1-208-863-81	s	RES, CHIP 100 (1005)
R397	1-208-863-81	s	RES, CHIP 100 (1005)
R404	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R405	1-208-863-81	s	RES, CHIP 100 (1005)
R407	1-208-887-81	s	RES, CHIP 1.0K (1005)
R408	1-220-882-81	s	RES, CHIP 33 (1005)
R410	1-208-855-81	s	RES, CHIP 47 (1005)
R411	1-208-855-81	s	RES, CHIP 47 (1005)
R412	1-208-863-81	s	RES, CHIP 100 (1005)
R416	1-208-855-81	s	RES, CHIP 47 (1005)
R417	1-208-855-81	s	RES, CHIP 47 (1005)
R418	1-208-855-81	s	RES, CHIP 47 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R424	1-208-855-81	s	RES, CHIP 47 (1005)
R425	1-208-855-81	s	RES, CHIP 47 (1005)
R429	1-220-878-81	s	RES, CHIP 22 (1005)
R430	1-220-878-81	s	RES, CHIP 22 (1005)
R431	1-220-878-81	s	RES, CHIP 22 (1005)
R432	1-220-878-81	s	RES, CHIP 22 (1005)
R433	1-220-878-81	s	RES, CHIP 22 (1005)
R434	1-220-878-81	s	RES, CHIP 22 (1005)
R435	1-220-878-81	s	RES, CHIP 22 (1005)
R436	1-220-878-81	s	RES, CHIP 22 (1005)
R437	1-220-878-81	s	RES, CHIP 22 (1005)
R438	1-220-878-81	s	RES, CHIP 22 (1005)
R439	1-220-878-81	s	RES, CHIP 22 (1005)
R440	1-220-878-81	s	RES, CHIP 22 (1005)
R441	1-220-878-81	s	RES, CHIP 22 (1005)
R500	1-208-891-81	s	RES, CHIP 1.5K (1005)
R501	1-208-891-81	s	RES, CHIP 1.5K (1005)
R502	1-208-891-81	s	RES, CHIP 1.5K (1005)
R503	1-208-891-81	s	RES, CHIP 1.5K (1005)
R514	1-208-887-81	s	RES, CHIP 1.0K (1005)
R515	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R518	1-208-887-81	s	RES, CHIP 1.0K (1005)
R519	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R520	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R521	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R522	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R523	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R526	1-208-935-81	s	RES, CHIP 100K (1005)
R527	1-208-935-81	s	RES, CHIP 100K (1005)
R528	1-208-887-81	s	RES, CHIP 1.0K (1005)
R529	1-208-887-81	s	RES, CHIP 1.0K (1005)
R530	1-208-863-81	s	RES, CHIP 100 (1005)
R531	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R532	1-208-891-81	s	RES, CHIP 1.5K (1005)
R533	1-208-891-81	s	RES, CHIP 1.5K (1005)
R544	1-208-887-81	s	RES, CHIP 1.0K (1005)
R545	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R548	1-208-887-81	s	RES, CHIP 1.0K (1005)
R549	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R550	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R551	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R552	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R553	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R556	1-208-935-81	s	RES, CHIP 100K (1005)
R557	1-208-935-81	s	RES, CHIP 100K (1005)
R558	1-208-887-81	s	RES, CHIP 1.0K (1005)
R559	1-208-887-81	s	RES, CHIP 1.0K (1005)
R560	1-208-863-81	s	RES, CHIP 100 (1005)
R561	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R562	1-208-891-81	s	RES, CHIP 1.5K (1005)
R563	1-208-891-81	s	RES, CHIP 1.5K (1005)
R564	1-208-891-81	s	RES, CHIP 1.5K (1005)
R565	1-208-891-81	s	RES, CHIP 1.5K (1005)
R576	1-208-887-81	s	RES, CHIP 1.0K (1005)
R577	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R580	1-208-887-81	s	RES, CHIP 1.0K (1005)
R581	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R582	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R583	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R584	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R585	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R588	1-208-935-81	s	RES, CHIP 100K (1005)
R589	1-208-935-81	s	RES, CHIP 100K (1005)
R590	1-208-887-81	s	RES, CHIP 1.0K (1005)
R591	1-208-887-81	s	RES, CHIP 1.0K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R592	1-208-863-81	s	RES, CHIP 100 (1005)
R593	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R594	1-208-891-81	s	RES, CHIP 1.5K (1005)
R595	1-208-891-81	s	RES, CHIP 1.5K (1005)
R596	1-208-863-81	s	RES, CHIP 100 (1005)
R597	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R598	1-208-863-81	s	RES, CHIP 100 (1005)
R599	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R600	1-208-863-81	s	RES, CHIP 100 (1005)
R601	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R609	1-208-863-81	s	RES, CHIP 100 (1005)
X1	1-814-511-11	s	OSCILLATOR, CRYSTAL VCXO 148.3
X2	1-814-512-11	s	OSCILLATOR, CRYSTAL VCXO 148.5

6-4. Supplied Accessories

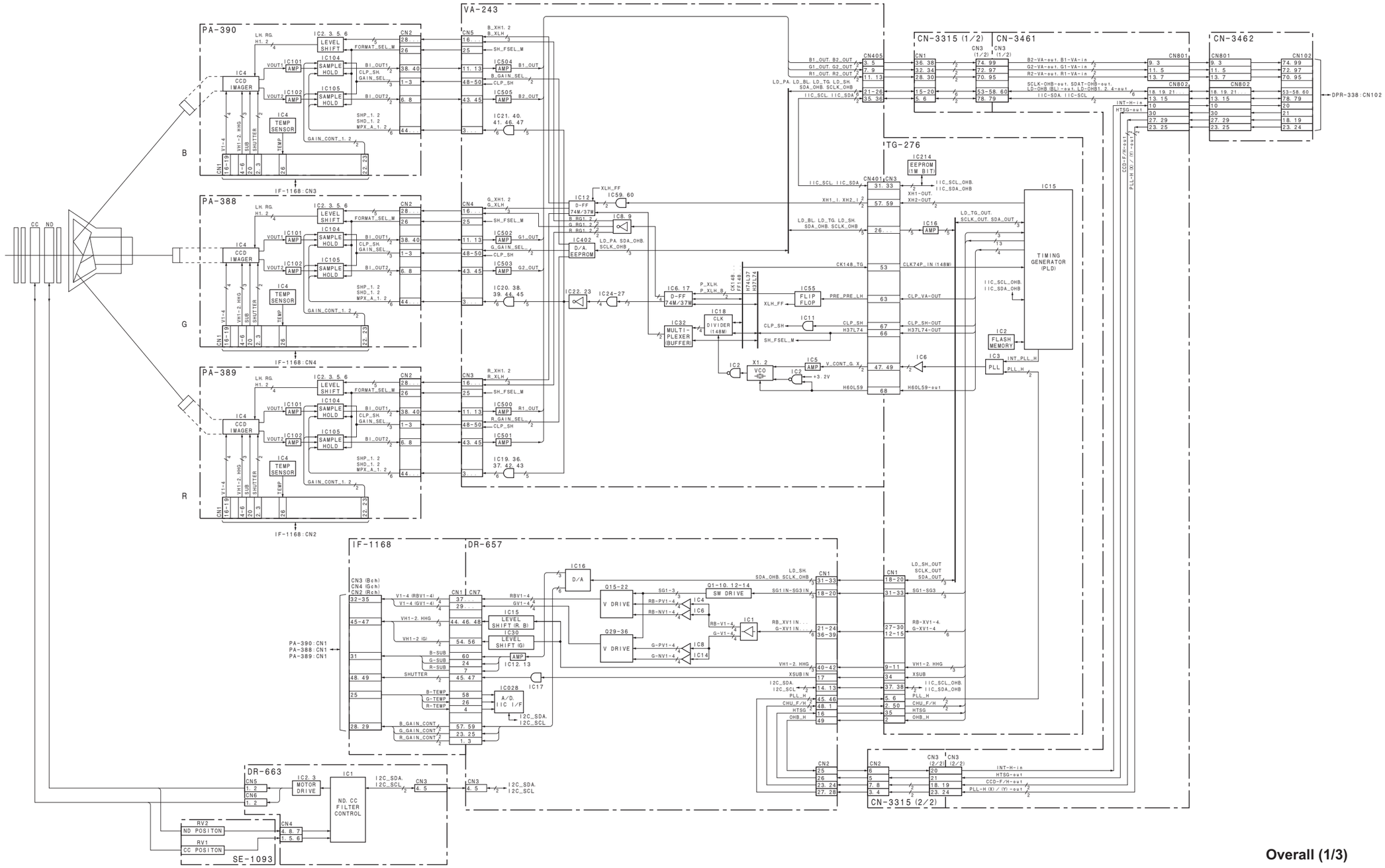
Q'ty	Part No.	SP	Description
2pcs	2-280-511-02	o	BRACKET, ADJUSTMENT, ANGLE
2pcs	3-612-712-01	s	BAND, CLAMP
2pcs	3-622-537-02	s	PLATE, NUMBER (LLA)
1pc	3-992-267-01	s	PLATE, NUMBER
1pc	⚠ 4-427-016-01	s	OPERATION MANUAL (JAPANESE) (For J, JN Models)
1pc	⚠ 4-427-017-01	s	OPERATION MANUAL (ENGLISH)

6-5. Optional Fixtures

Part No.	SP	Description
2-621-755-21	s	BOLT (M2X15), HEXAGON SOCKET
4-146-076-13	s	BRACKET, ANGLE ADJUSTMENT
A-1547-787-A	s	EXTENSION ASSY, OHB-CHU

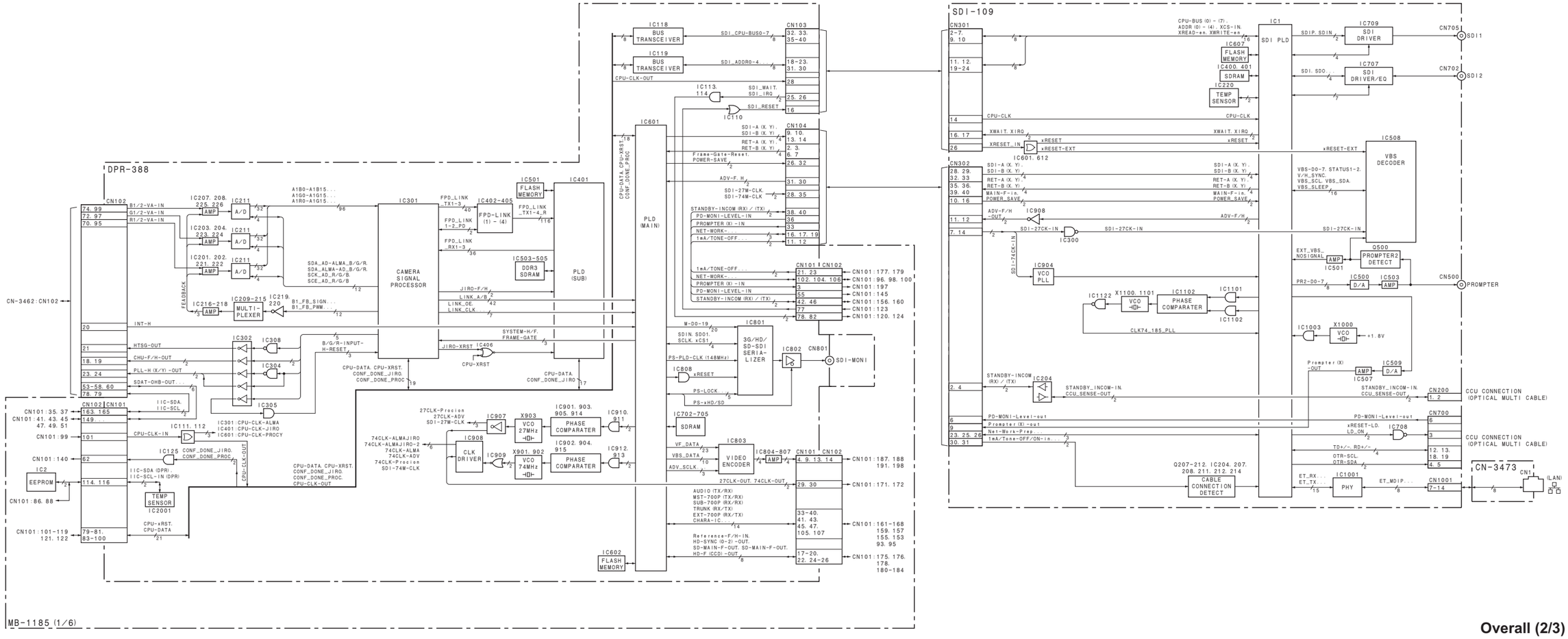
Section 7
Block Diagrams

Overall
Overall (1/3)



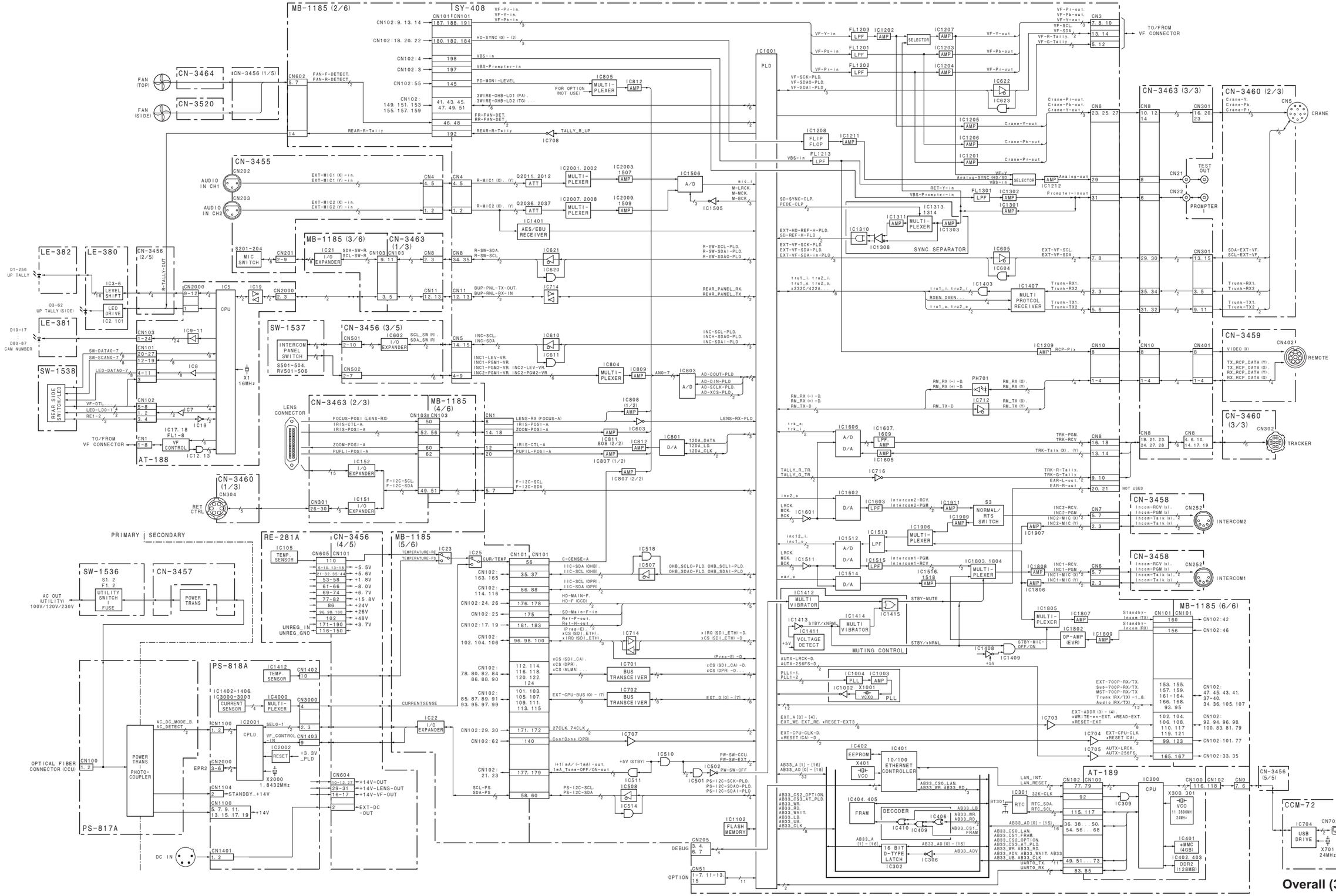
Overall (1/3)

Overall (2/3)



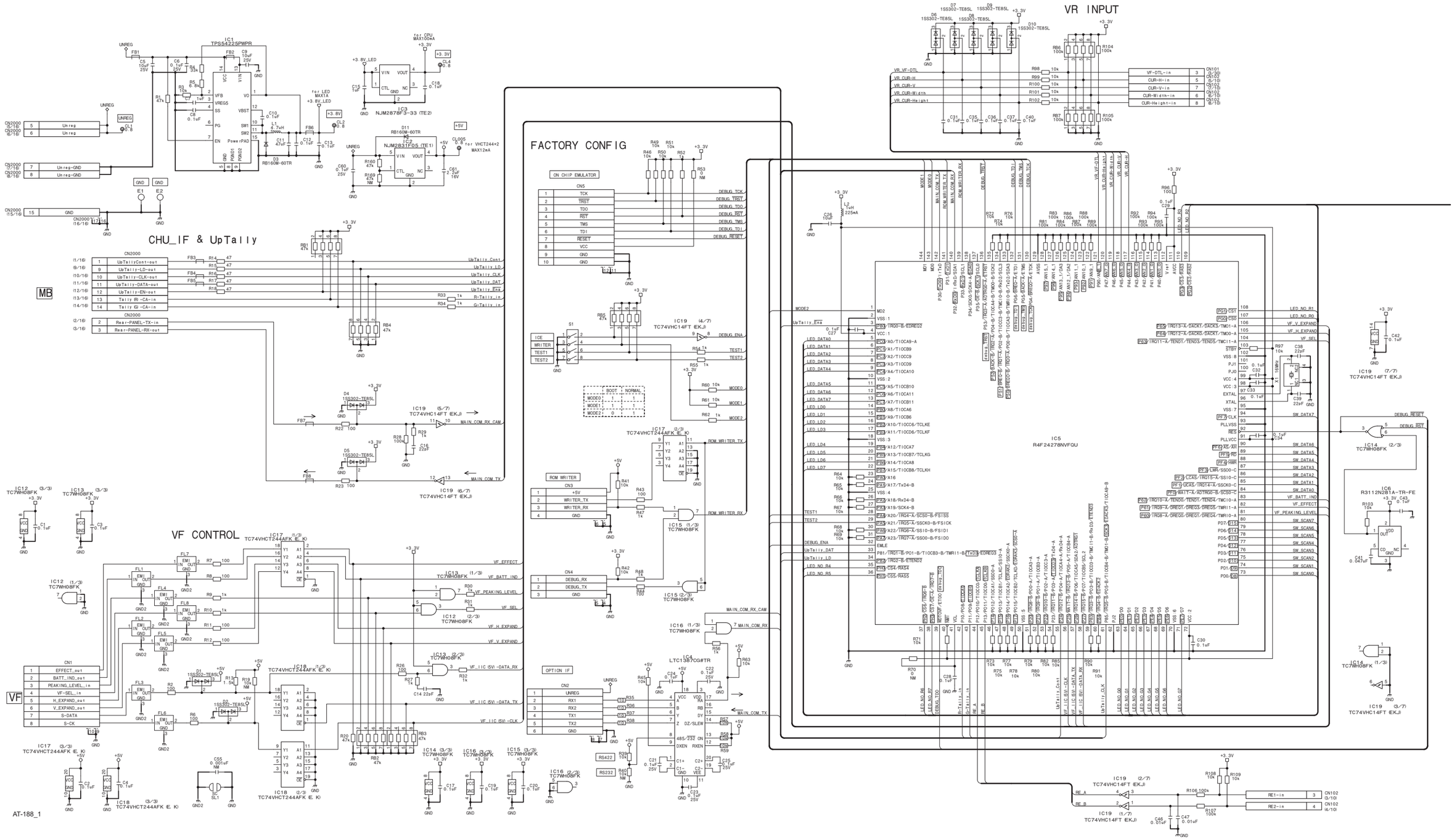
Overall (2/3)

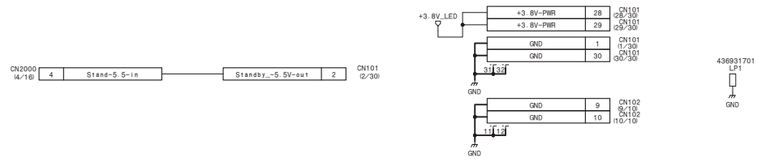
Overall (3/3)


MB-1185 (2/6)
SY-408
CN1011 CN101
CN102: 9. 13. 14
CN102: 18. 20. 22
CN102: 4
CN102: 3
CN102: 55
CN102: 149. 151. 153 155. 157. 159
187. 188. 191
180. 182. 184
198
197
145
41. 43. 45. 47. 49. 51
46. 48
192
VF-Pr-in. VF-Y-in. VF-Pb-in
HD-SYNC (O) - (2)
VBS-in
VBS-Prompter-in
PD-MONI-LEVEL
3WIRE-OHB-LD1 (PA) . 3WIRE-OHB-LD2 (TG) . . .
FR-FAN-DET. RR-FAN-DET.
REAR-R-Tally
IC805 MULTI-PLEXER
IC812 AMP
FOR OPTION (NOT USE)
TALLY_R_UP
IC708
IC1001 PLD
FAN (TOP)
FAN (SIDE)
CN-3464
CN-3520
CN-3456 (1/5)
CN602
FAN-F-DETECT. FAN-R-DETECT.
CN-3455
CN202
CN203
AUDIO IN CH1
AUDIO IN CH2
EXT-MIC1 (X) -in. EXT-MIC1 (Y) -in
EXT-MIC2 (X) -in. EXT-MIC2 (Y) -in
CN4
R-MIC1 (X) . (Y)
R-MIC2 (X) . (Y)
Q2011. 2012 ATT
Q2036. 2037 ATT
IC2001. 2002 MULTI-PLEXER
IC2007. 2008 MULTI-PLEXER
IC2003. 1507 AMP
IC2009. 1509 AMP
IC1506 A/D
IC1505
mic_i
M-LRCK. M-MCK. M-BCK
IC1401 AES/EBU RECEIVER
MB-1185 (3/6)
IC21 I/O EXPANDER
SDA-SW-R SCL-SW-R
CN103 CN103
CN-3463 (1/3)
CN8
S201-204 MIC SWITCH
CN201
R-SW-SDA. R-SW-SCL
IC621
IC620
R-SW-SCL-PLD. R-SW-SDA-PLD. R-SW-SDAO-PLD
LE-382
LE-380
CN-3456 (2/5)
R-TALLY-OUT
D1-256 UP TALLY
D3-62 UP TALLY (SIDE)
IC3-6 LEVEL SHIFT
LED DRIVE IC2. 101
CN2000
IC5
IC19
CPU
CN11
BUP-PNL-TX-OUT. BUP-RNL-RX-IN
IC714
REAR_PANEL_RX. REAR_PANEL_TX
LE-381
D10-17
D80-87 CAM NUMBER
CN103
CN101
IC9-11
IC8
SW-DATA0-7
SW-SCAN0-7
LED-DATA0-7
SW-1538
REAR SIDE SWITCH/LED
VF-DTL. . . .
LED-LDO-14
RE1-2
IC7
IC19
X1 16MHz
SW-1537
INTERCOM PANEL SWITCH
S501-504. RV501-506
CN-3456 (3/5)
CN501
CN502
IC602 I/O EXPANDER
SCL_SW (R). SDA_SW (R)
CN5
INC-SCL. INC-SDA
IC610
IC611
INC1-LEV-VR. INC1-PGM1-VR. INC1-PGM2-VR. INC2-LEV-VR. INC2-PGM2-VR
INC-SCL-PLD. INCH-SDAO-PLD. INC-SDAI-PLD
IC804 MULTI-PLEXER
IC809 AMP
AN0-7
IC803 A/D
AD-DOUT-PLD
AD-DIN-PLD
AD-SCLK-PLD.
AD-XCS-PLD
TO/FROM VF CONNECTOR
CN1
VF CONTROL
IC17. 18 FL1-8
IC12. 13
AT-188
LENS CONNECTOR
CN-3463 (2/3)
MB-1185 (4/6)
FOCUS-POSI (LENS-RX)
IRIS-CTL-A
IRIS-POSI-A
ZOOM-POSI-A
PUPIL-POSI-A
IC152 I/O EXPANDER
IC151 I/O EXPANDER
F-I2C-SCL. F-I2C-SDA
CN301
CN1
LENS-RX (FOCUS-A)
IRIS-POSI-A
ZOOM-POSI-A
IRIS-CTL-A
PUPIL-POSI-A
IC808 (1/2) AMP
IC603 AMP
IC811. 808 (2/2) AMP
IC812 AMP
IC807 (1/2) AMP
IC807 (2/2) AMP
LENS-RX-PLD
IC801 D/A
12DA_DATA
12DA_LD.
12DA_CLK
CN-3460 (1/3)
CN304
RET CTRL
IC1606 A/D D/A
IC1607. 1609 LPF AMP
IC1605
TRK-PGM. TRK-RCV
TRK-Talk (X) . (Y)
TRK-R-Tally. TRK-G-Tally. EAR-L-out. 2 EAR-R-out
TALLY_R_TR. TALLY_G_TR
IC716
NOT USED
IC1602 D/A
IC1603 LPF
IC1601
LRCK. MCK. BCK
Intercom2-RCV. Intercom2-PGM
IC1911 AMP
IC1909 AMP
S3 NORMAL/ RTS SWITCH
IC1906 MULTI-PLEXER
IC1907 AMP
INC2-RCV. INC2-PGM
INC2-MIC (X) INC2-MIC (Y)
CN7
IC1512 A/D
IC1513 LPF
IC1515 LPF
IC1511
IC1514 D/A
Intercom1-PGM. Intercom1-RCV.
IC1516. 1518 AMP
IC1803. 1804 MULTI-PLEXER
IC1808 AMP
IC1806
INC1-RCV. INC1-PGM
INC1-MIC (X) INC1-MIC (Y)
CN6
IC1412 MULTI VIBRATOR
IC1414 MULTI VIBRATOR
IC1415
STBY-MUTE
IC1413
STBY/xNRML
IC1411 VOLTAGE DETECT
+5V
MUTING CONTROL
IC1408
IC1409
STBY-MIC-OFF/ON
IC1805 MULTI-PLEXER
IC1807 AMP
IC1802 OP-AMP (EVR)
IC1809 AMP
Standby-Incom (TX)
Standby-Incom (RX)
MB-1185 (6/6)
CN101 CN101
160
156
CN102: 42
CN102: 46
CN-3458
CN252
INTERCOM2
INTERCOM1
CN-3463 (3/3)
CN-3460 (2/3)
CN-3459
CN-3460 (3/3)
CRANE
TRACKER
REMOTE
TEST OUT
PROMPTER 1
CN21
CN22
CN301
CN402
CN302
SDA-EXT-VF. SCL-EXT-VF
Trunk-RX1. Trunk-RX2
Trunk-TX1. Trunk-TX2
VF-Pr-out. VF-Pb-out. VF-Y-out. VF-SCL. VF-SDA. VF-R-Tally. VF-G-Tally
FL1203 FL1201 FL1202 LPF
IC1202 IC1203 IC1204 AMP
SELECTOR
IC622
IC623
IC1205 IC1206 IC1201 AMP
Crane-Y-out. Crane-Pb-out. Crane-Pr-out
IC1208 FLIP FLOP
IC1211 AMP
FL1213 LPF
VBS-in
VF-Y Analog-SYNC.IND/SD VBS-in
IC1212 AMP Analog-out
FL1301 LPF
IC1302 AMP
IC1301 AMP
RET-Y-in
VBS-Prompter-in
Prompter-inout
IC1313. 1314 AMP
IC1303 AMP
IC1310
IC1308
IC1311 MULTI-PLEXER
SYNC. SEPARATOR
SD-SYNC-CLP. PEDE-CLP
EXT-HD-REF-H-PLD. SD-REF-H-PLD
EXT-SCK-PLD. EXT-VF-SDA-PLD. EXT-VF-SDA-in-PLD
IC605
IC604
EXT-VF-SCL. EXT-VF-SDA
IC1403
IC1407 MULTI PROTCOL RECEIVER
RXEN. DXEN. . .
Trunk-RX1. Trunk-RX2. Trunk-TX1. Trunk-TX2
IC1209 AMP
RCP-Pix
PH701
IC712
RM_RX (+) -D. RM_RX (+) -D.
RM_RX (X) . RM_RX (Y)
RM_TX (X) . RM_TX (Y)
RM_TX-D
IC1606 A/D D/A
IC1607. 1609 LPF AMP
IC1605
trk_o. trk_i
IC1602 D/A
IC1603 LPF
IC1601
LRCK. MCK. BCK
IC1512 A/D
IC1513 LPF
IC1515 LPF
IC1511
IC1514 D/A
IC1412 MULTI VIBRATOR
IC1414 MULTI VIBRATOR
IC1415
IC1413
STBY/xNRML
IC1411 VOLTAGE DETECT
+5V
MUTING CONTROL
IC1408
IC1409
STBY-MIC-OFF/ON
IC1805 MULTI-PLEXER
IC1807 AMP
IC1802 OP-AMP (EVR)
IC1809 AMP
Standby-Incom (TX)
Standby-Incom (RX)
MB-1185 (6/6)
CN101 CN101
160
156
CN102: 42
CN102: 46
CN-3458
CN252
INTERCOM2
INTERCOM1
CN-3463 (3/3)
CN-3460 (2/3)
CN-3459
CN-3460 (3/3)
CRANE
TRACKER
REMOTE
TEST OUT
PROMPTER 1
CN21
CN22
CN301
CN402
CN302
SDA-EXT-VF. SCL-EXT-VF
Trunk-RX1. Trunk-RX2
Trunk-TX1. Trunk-TX2
VF-Pr-out. VF-Pb-out. VF-Y-out. VF-SCL. VF-SDA. VF-R-Tally. VF-G-Tally
FL1203 FL1201 FL1202 LPF
IC1202 IC1203 IC1204 AMP
SELECTOR
IC622
IC623
IC1205 IC1206 IC1201 AMP
Crane-Y-out. Crane-Pb-out. Crane-Pr-out
IC1208 FLIP FLOP
IC1211 AMP
FL1213 LPF
VBS-in
VF-Y Analog-SYNC.IND/SD VBS-in
IC1212 AMP Analog-out
FL1301 LPF
IC1302 AMP
IC1301 AMP
RET-Y-in
VBS-Prompter-in
Prompter-inout
IC1313. 1314 AMP
IC1303 AMP
IC1310
IC1308
IC1311 MULTI-PLEXER
SYNC. SEPARATOR
SD-SYNC-CLP. PEDE-CLP
EXT-HD-REF-H-PLD. SD-REF-H-PLD
EXT-SCK-PLD. EXT-VF-SDA-PLD. EXT-VF-SDA-in-PLD
IC605
IC604
EXT-VF-SCL. EXT-VF-SDA
IC1403
IC1407 MULTI PROTCOL RECEIVER
RXEN. DXEN. . .
Trunk-RX1. Trunk-RX2. Trunk-TX1. Trunk-TX2
IC1209 AMP
RCP-Pix
PH701
IC712
RM_RX (+) -D. RM_RX (+) -D.
RM_RX (X) . RM_RX (Y)
RM_TX (X) . RM_TX (Y)
RM_TX-D
IC1606 A/D D/A
IC1607. 1609 LPF AMP
IC1605
trk_o. trk_i
IC1602 D/A
IC1603 LPF
IC1601
LRCK. MCK. BCK
IC1512 A/D
IC1513 LPF
IC1515 LPF
IC1511
IC1514 D/A
IC1412 MULTI VIBRATOR
IC1414 MULTI VIBRATOR
IC1415
IC1413
STBY/xNRML
IC1411 VOLTAGE DETECT
+5V
MUTING CONTROL
IC1408
IC1409
STBY-MIC-OFF/ON
IC1805 MULTI-PLEXER
IC1807 AMP
IC1802 OP-AMP (EVR)
IC1809 AMP
Standby-Incom (TX)
Standby-Incom (RX)
MB-1185 (6/6)
CN101 CN101
160
156
CN102: 42
CN102: 46
CN-3458
CN252
INTERCOM2
INTERCOM1
CN-3463 (3/3)
CN-3460 (2/3)
CN-3459
CN-3460 (3/3)
CRANE
TRACKER
REMOTE
TEST OUT
PROMPTER 1
CN21
CN22
CN301
CN402
CN302
SDA-EXT-VF. SCL-EXT-VF
Trunk-RX1. Trunk-RX2
Trunk-TX1. Trunk-TX2
PRIMARY | SECONDARY
SW-1536
S1. 2 F1. 2
UTILITY SWITCH FUSE
CN-3457
POWER TRANS
AC OUT (UTILITY) 100V/120V/230V
RE-281A
IC105 TEMP. SENSOR
CN-3456 (4/5)
CN605 CN101
UNREG_IN UNREG_GND
-5. 5V
+5. 6V
+1. 8V
-8. 0V
+6. 7V
+15. 8V
+24V
+26V
+48V
+3. 7V
MB-1185 (5/6)
TEMPERATURE-RF
TEMPERATURE-PS
IC23
IC25
CUR/TEMP
CN101 CN101
C-CENSE-A
IIC-SDA (OHB). IIC-SCL (OHB)
IIC-SCL (DPR). IIC-SDA (DPR)
HD-MAIN-F. HD-F (CCD)
SD-Main-F-in
Ref-F-out. Ref-H-out
(Prep-E) -Z
xCS (SDI_ETH). xIRQ (SDI_ETH)
xCS (SDI_CA). xCS (DPR). xCS (ALMA) . . .
EXT-CPU-BUS (0) - (7)
27CLK. 74CLK
ConfDone (DPR)
(+1) mA/ (-1mA) -out. 1mA_Tone-OFF/ON-out
PS-I2C-SCL. PS-I2C-SDA
IC518
IC507
OHB_SCLO-PLD. OHB_SCLI-PLD. OHB_SDAO-PLD. OHB_SDAI-PLD
IC701 BUS TRANSCEIVER
IC702 BUS TRANSCEIVER
IC714
IC707
IC510
IC511
IC508
IC514
IC501 PS-I2C-SCK-PLD. PS-I2C-SDAO-PLD. PS-I2C-SDAI-PLD
PW-SW-CCU. PW-SW-EXT
PW-SW-OFF
IC1102 FLASH MEMORY
CN205
DEBUG
CN51
OPTION
PS-818A
IC1412 TEMP. SENSOR
CN1402
IC1402-1406. IC3000-3003 CURRENT SENSOR
IC4000 MULTI-PLEXER
CN3000
CURRENTSENSE
IC22 I/O EXPANDER
AC_DC_MODE_B. AC_DETECT
CN1100
IC2001 CPLD
SELO-1
VF_CONTROL -IN
CN1403
IC2002 RESET
+3. 3V _PLD
X2000 1. 8432MHz
CN2000
EPR2
CN1104
+STANDBY_+14V
CN1100
+14V
CN1401
DC IN
PS-817A
POWER TRANS / PHOTO-COUPLER
OPTICAL FIBER CONNECTOR (CCU)
CN100
CN604
+14V-OUT
+14V-LENS-OUT
+14V-VF-OUT
EXT-DC -OUT
IC1001 PLD
IC1402 EEPROM
X401 VCO
IC401 10/100 ETHERNET CONTROLLER
IC1004 PLL
IC1003 AMP
IC1002 X1001 VCXO PLL
EXT_A [0] - [4]. EXT_WE. EXT_RE. xRESET-EXT3
EXT-CPU-CLK-D. xRESET (CA) -D
IC703
EXT-ADDR (0) - (4). xWRITE-en-EXT. xREAD-EXT. xRESET-EXT
IC704 EXT-CPU-CLK. xRESET (CA)
IC705 AUTX-LRCK. AUTX-256FS
AUTX-LRCK-D. AUTX-256FS-D
PLL1-1. PLL1-2
EXT-700P-RX/TX. Sub-700P-RX/TX. MST-700P-RX/TX Trunk (RX/TX) -1. 8. Audio (RX/TX)
153. 155. 157. 159. 161-164. 166. 168. 93. 95
102. 104. 106. 108. 110. 117 119. 121
99. 123
165. 167
CN102: 47. 45. 43. 41. 37-40. 34. 36. 105. 107
CN102: 92. 94. 96. 98. 100. 83. 81. 79
CN102: 101. 77
CN102: 33. 35
AB33_A [1] - [16]. AB33_AD [0] - [15]
AB33_CS2_OPTION. AB33_CS3_AT_PLD. AB33_WR. AB33_RD. AB33_WAIT. AB33_LB. AB33_UB. AB33_CLK
IC404. 405 FRAM
DECODER
IC406 IC410 IC409
AB33_LB AB33_WR AB33_RD AB33_CS1_FRAM
16 BIT D-TYPE LATCH
IC302
AB33_ADV
IC306
AB33_CSO_LAN. AB33_CS1_FRAM. AB33_CS2_OPTION. AB33_CS3_AT_PLD. AB33_WR. AB33_RD. AB33_ADV. AB33_WAIT. AB33_UB. AB33_CLK
LAN_INT. LAN_RESET
BT301
IC301 RTC 32K-CLK
RTC_SDA. RTC_SCL
IC309
AT-189
CPU
X300. 301 VCO 11. 2896MHz 24MHz
IC401 eMMC (4GB)
IC402. 403 DDR2 (128MB)
CN-3456 (5/5)
CCM-72
IC704 USB DRIVE
CN702
USB
X701 24MHz
CN102 CN100
77. 79
92
115. 117
36. 38 . . . 50. 54. 56 . . . 68
49. 51 . . . 73
83. 85
CN100 CN102
116. 118
CN9
7. 6
CN8
16. 18
13. 14
9. 10
20. 21
19. 21. 23. 24. 27. 28
4. 6. 10. 14. 17. 19
CN8
CN8
CN8

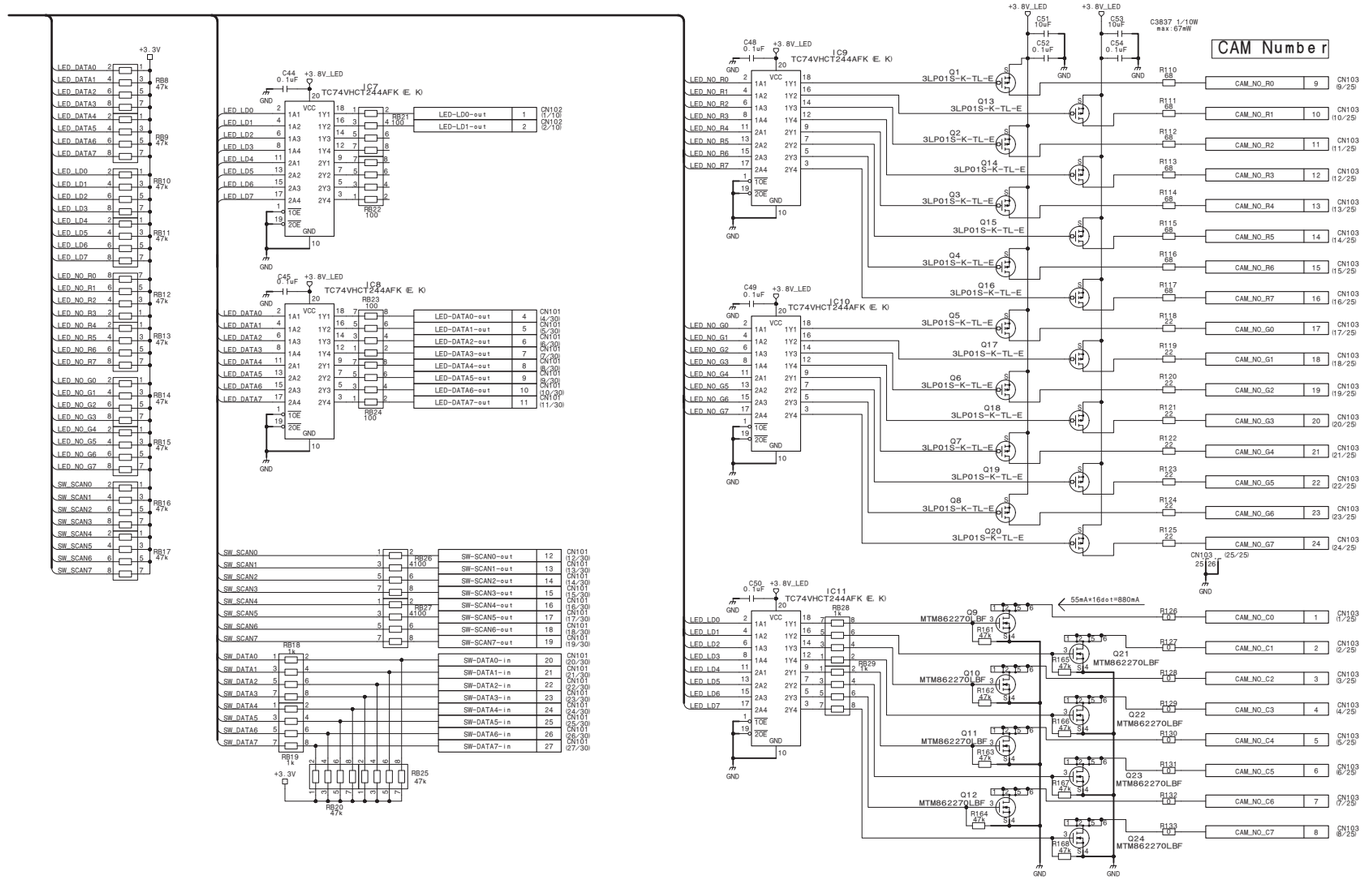
Section 8
Schematic Diagrams

AT-188
AT-188_L





Rear Panel

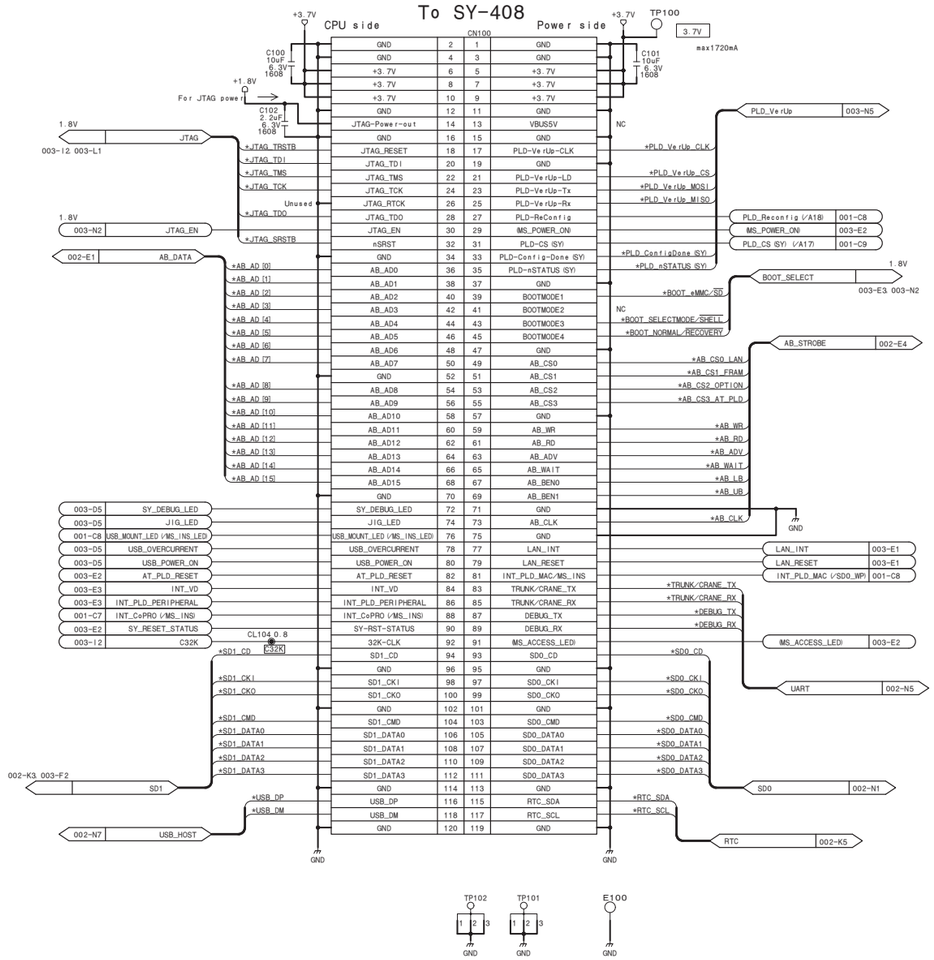


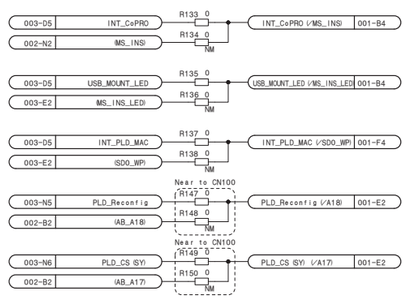
AT-188

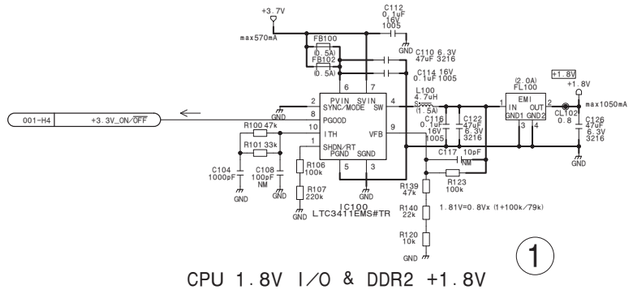
BOARD NO. 1-886-733-11

AT-188_1

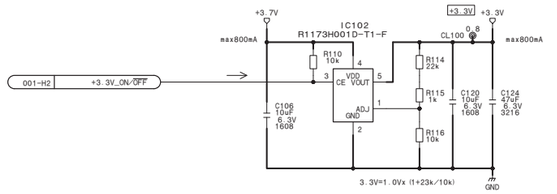
AT-189
AT-189 (1/4)



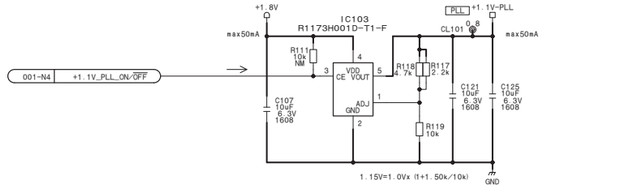




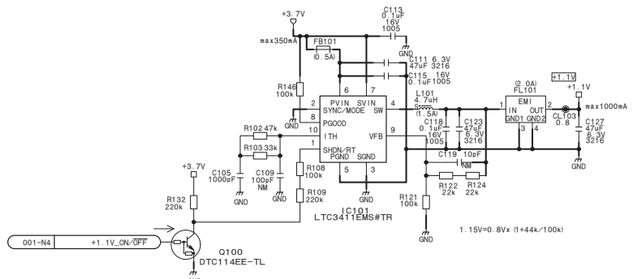
CPU 1.8V I/O & DDR2 +1.8V



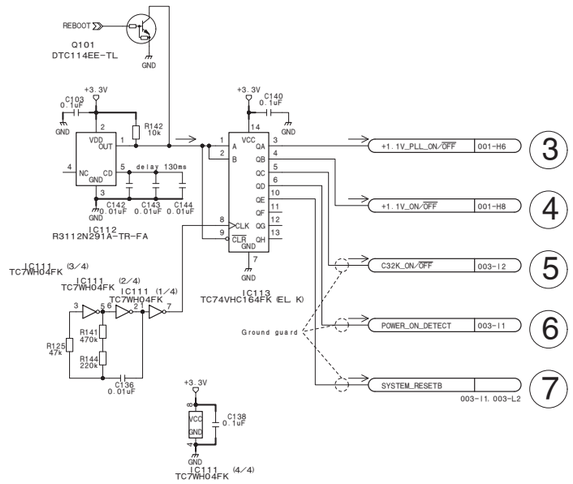
CPU 3.3V I/O & USB +3.3V



CPU PLL +1.1V



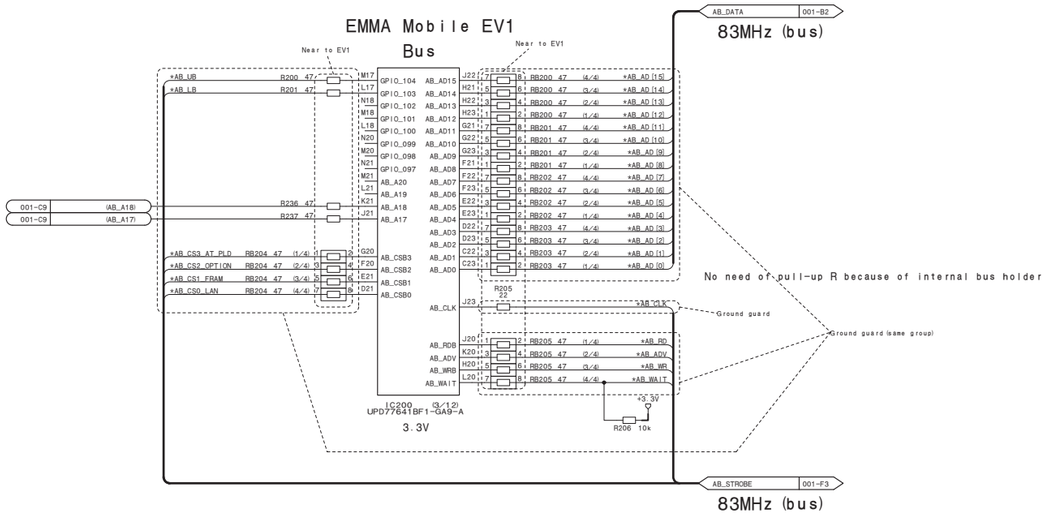
CPU Core Power +1.1V

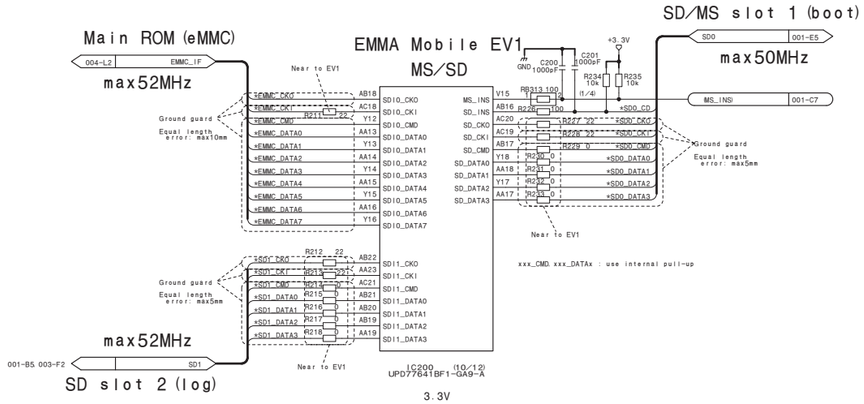


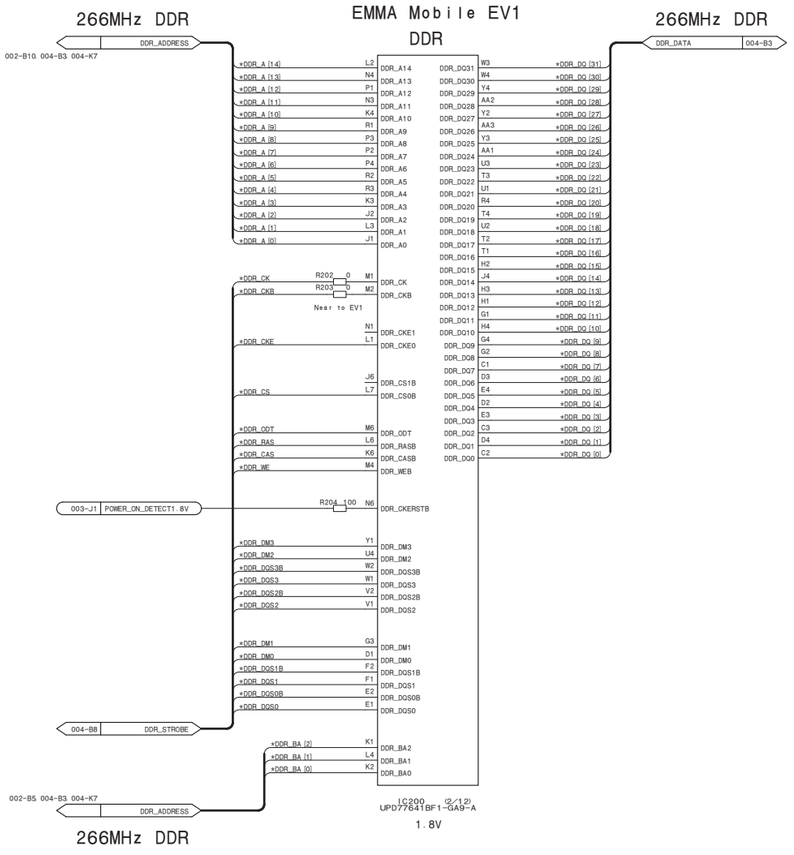
① – ⑦ : Reset sequence order

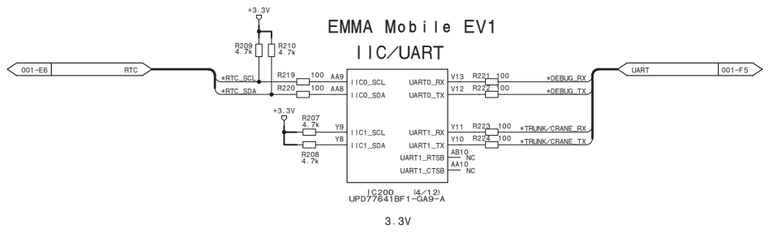
Reset sequence generator
(interval 10ms)

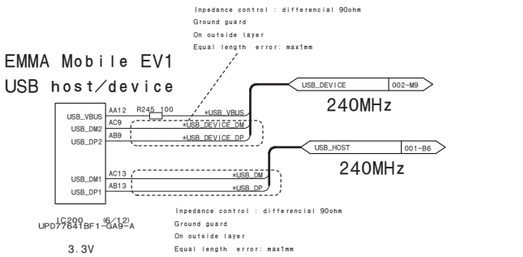
AT-189 (1/4)
BOARD NO. 1-885-937-11
AT-189_1

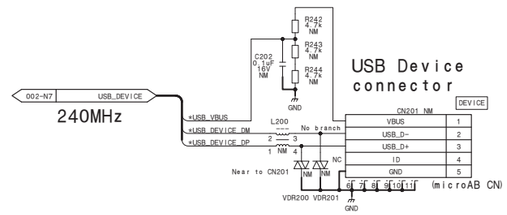










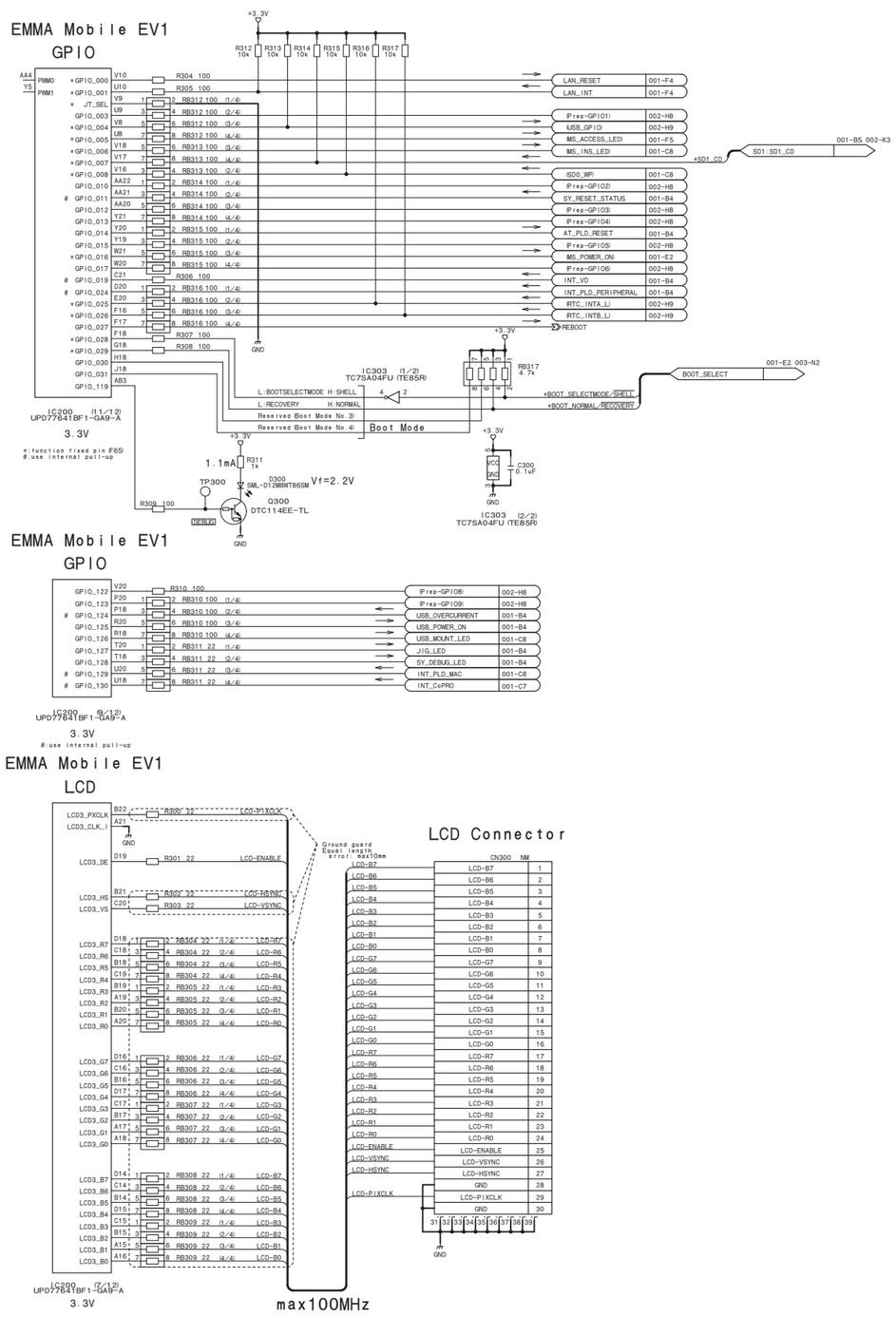


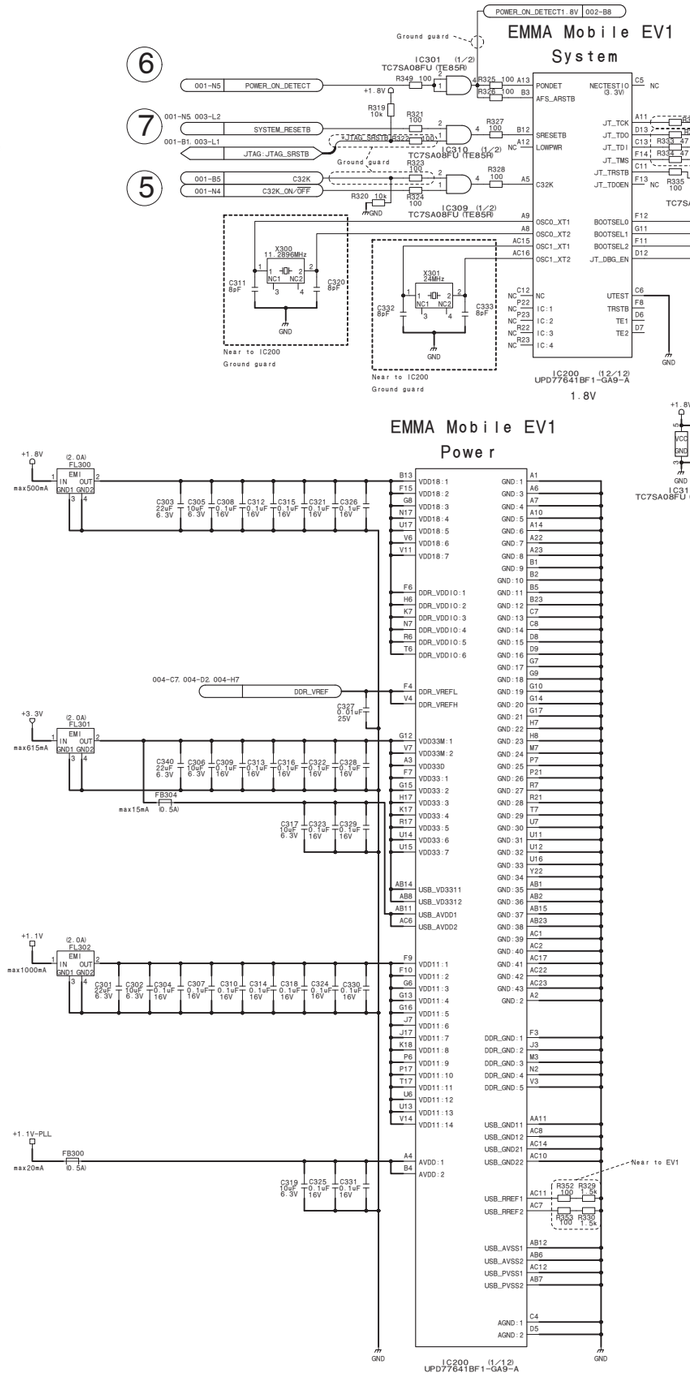
AT-189 (2/4)

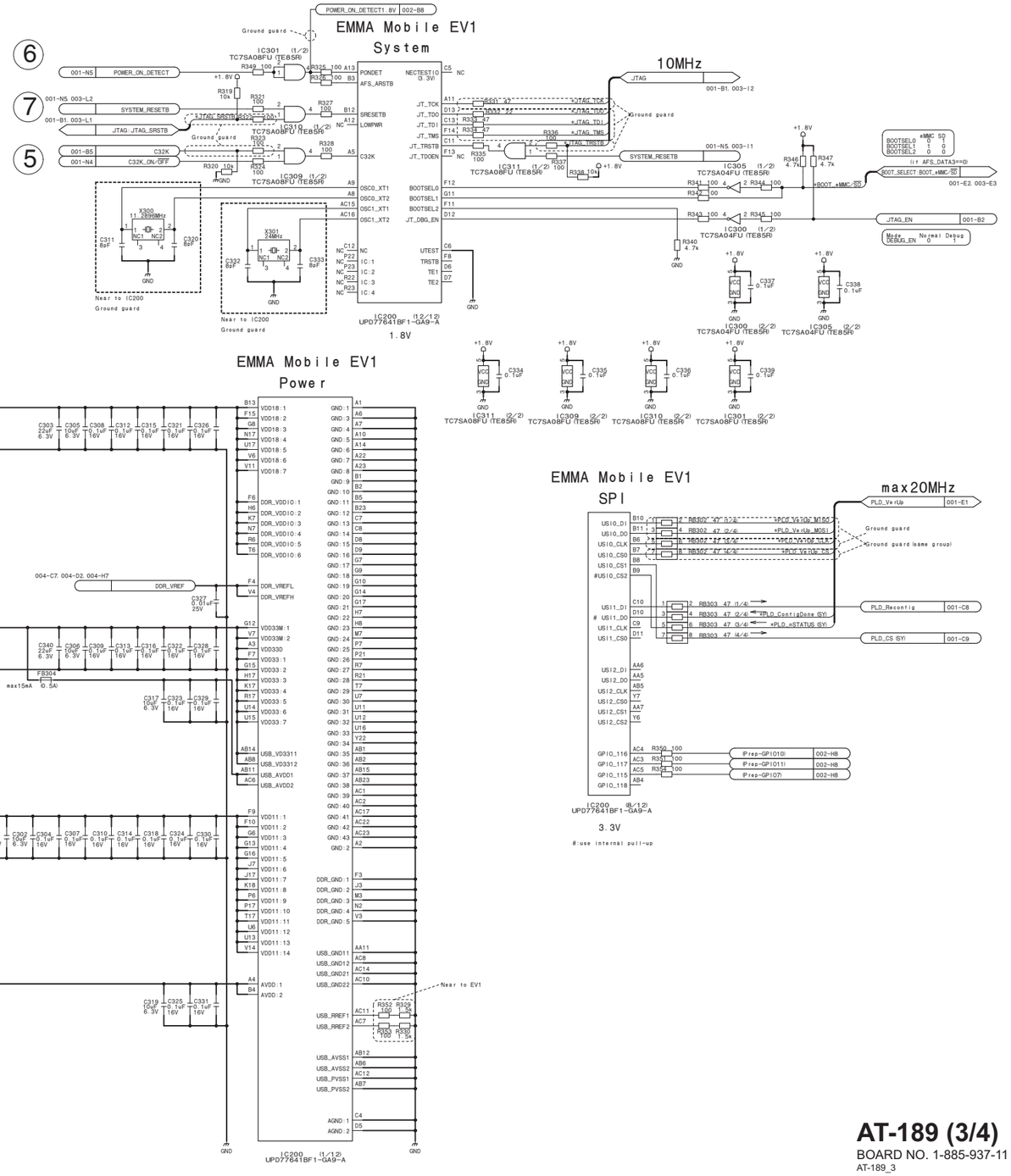
BOARD NO. 1-885-937-11

AT-189_2

AT-189 (3/4)



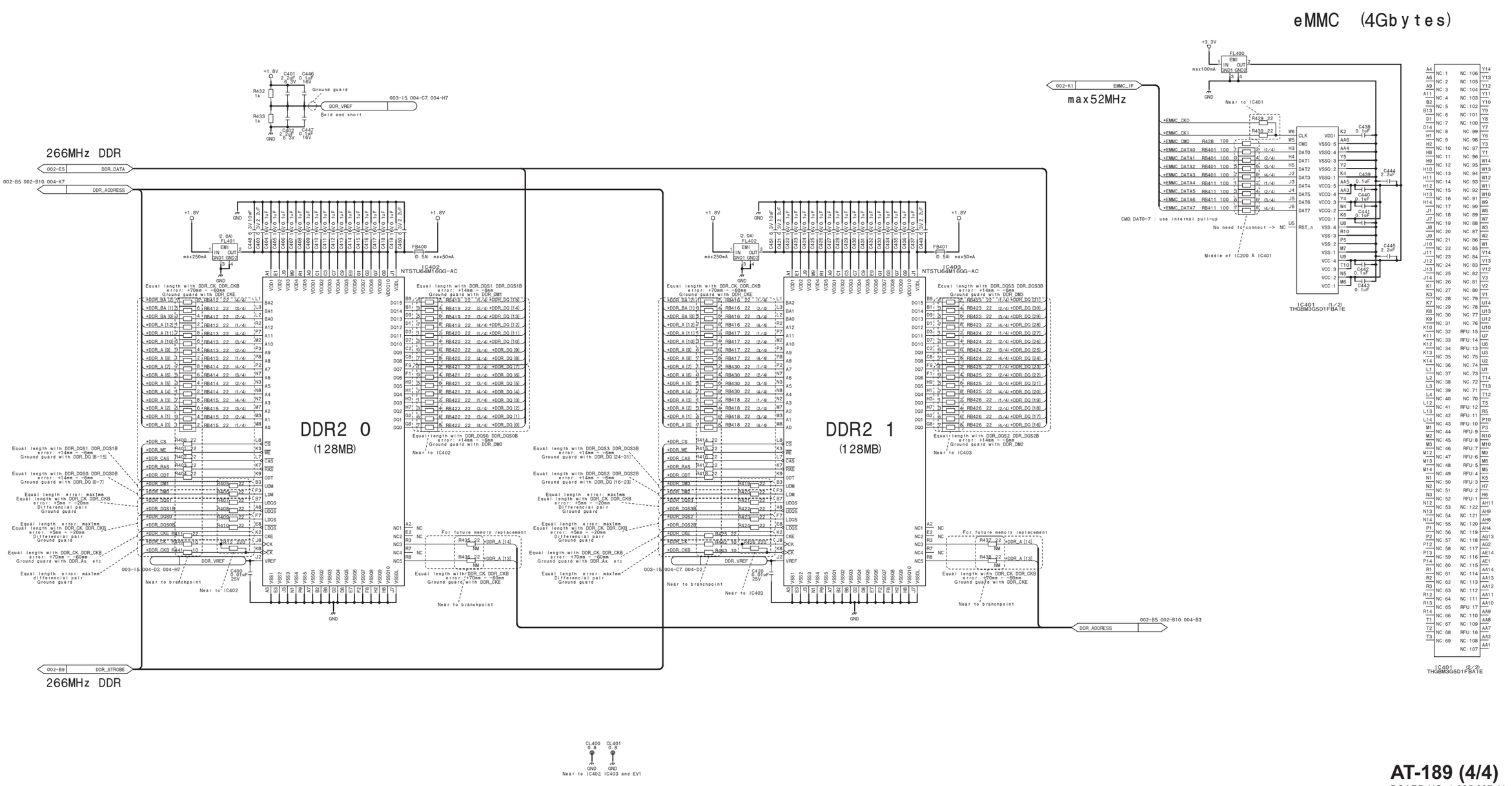




AT-189 (3/4)

BOARD NO. 1-885-937-11

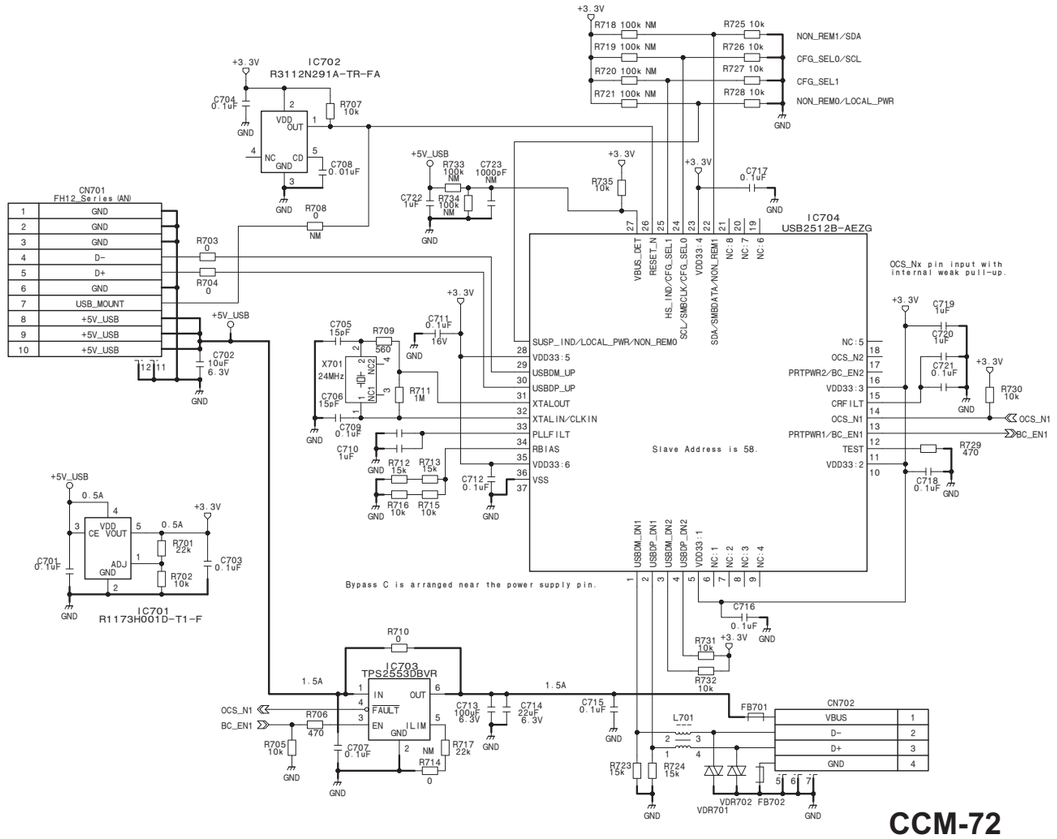
AT-189_3



AT-189 (4/4)

BOARD NO. 1-885-937-11

AT-189_4

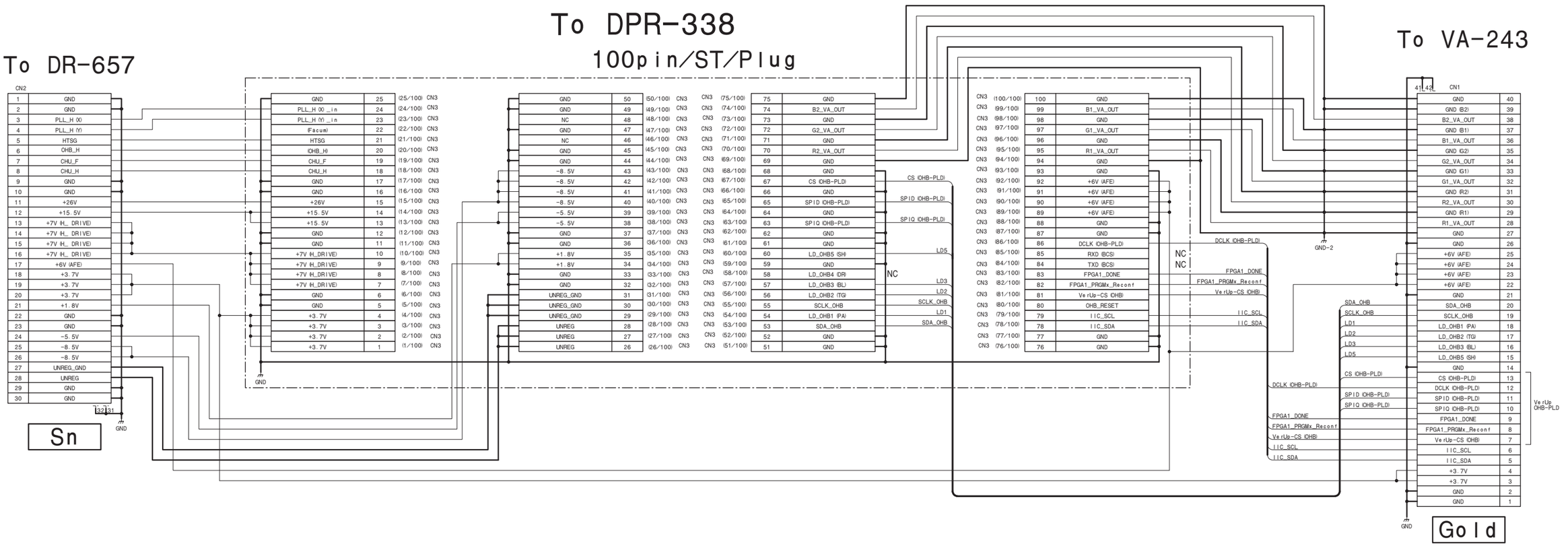


CCM-72

BOARD NO. 1-886-921-11

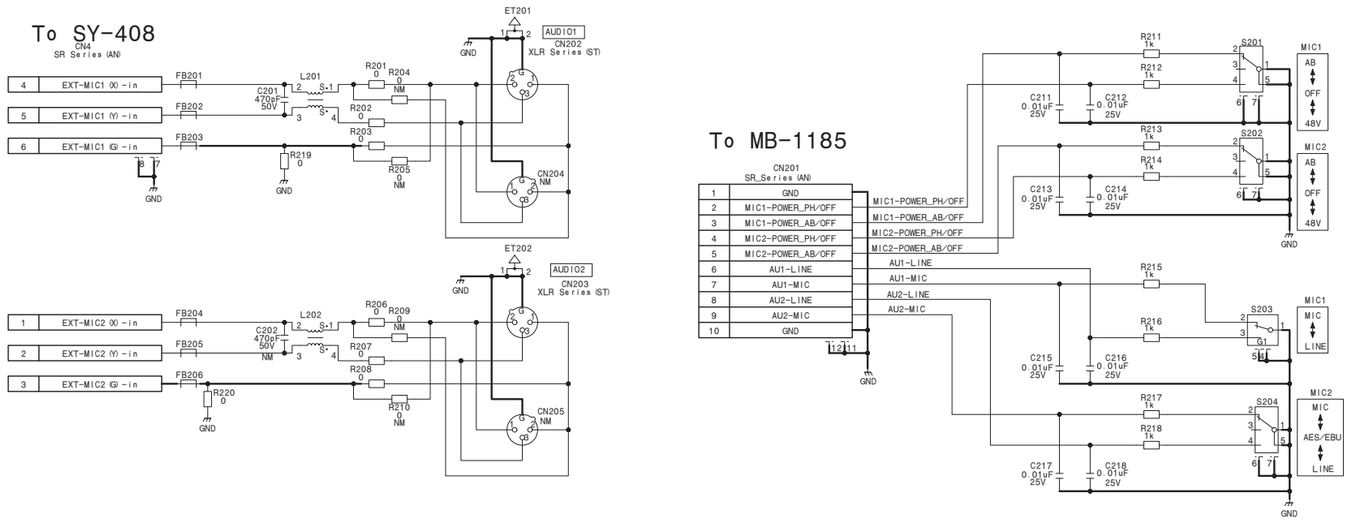
CCM-72_1

CN-3315



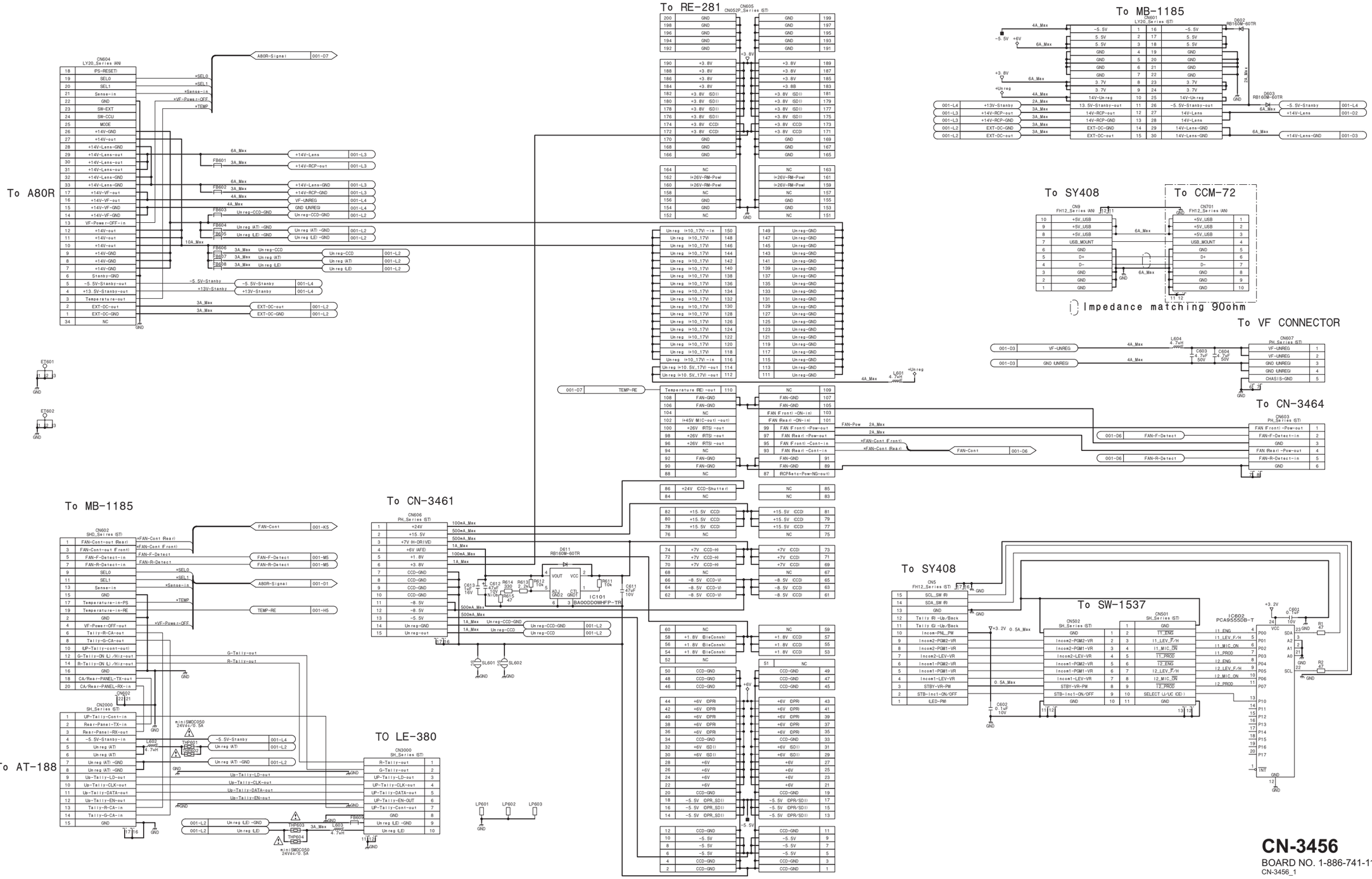
CN-3315
BOARD NO. 1-885-984-11
CN-3315_1

CN-3455



CN-3455
BOARD NO. 1-886-740-11
CN-3455_1

CN-3456

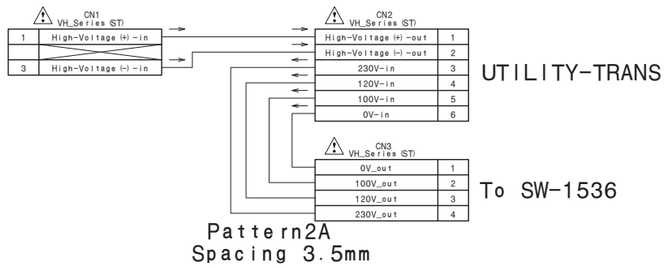


CN-3456

BOARD NO. 1-886-741-11

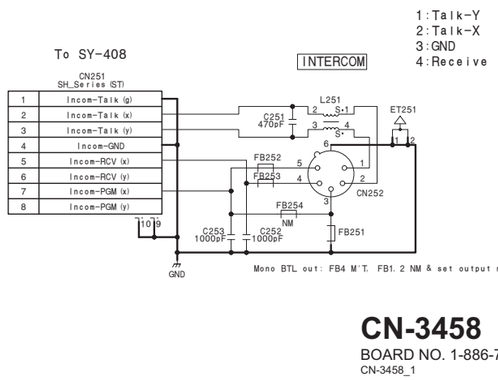
CN-3456_1

CN-3457



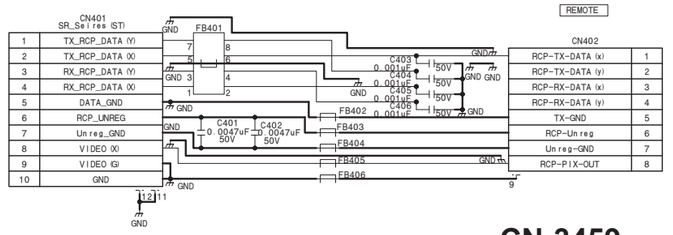
CN-3457
BOARD NO. 1-886-732-11
CN-3457_1

CN-3458



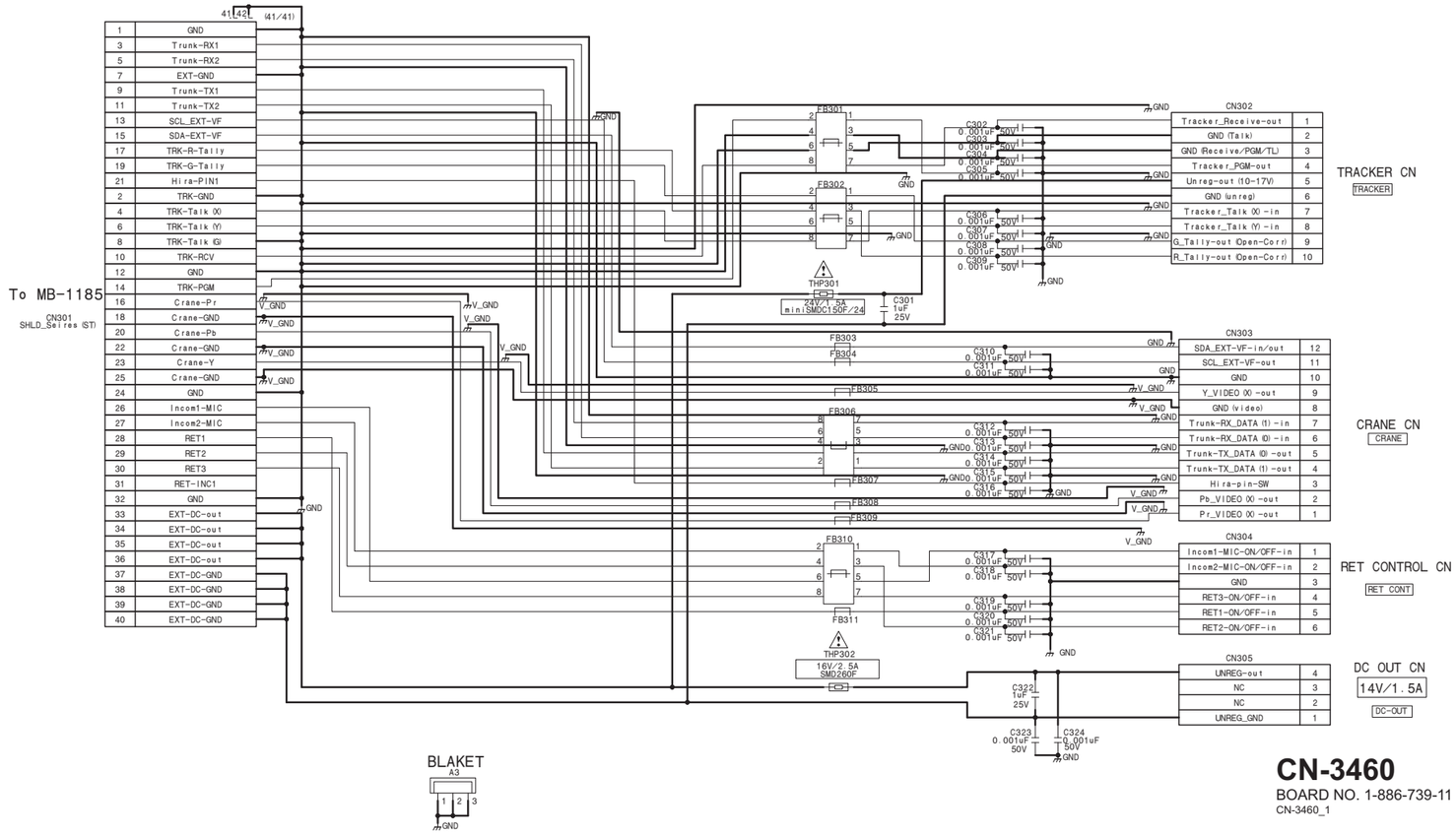
CN-3458
BOARD NO. 1-886-742-11
CN-3458_1

CN-3459



CN-3459
BOARD NO. 1-886-743-11
CN-3459_1

CN-3460

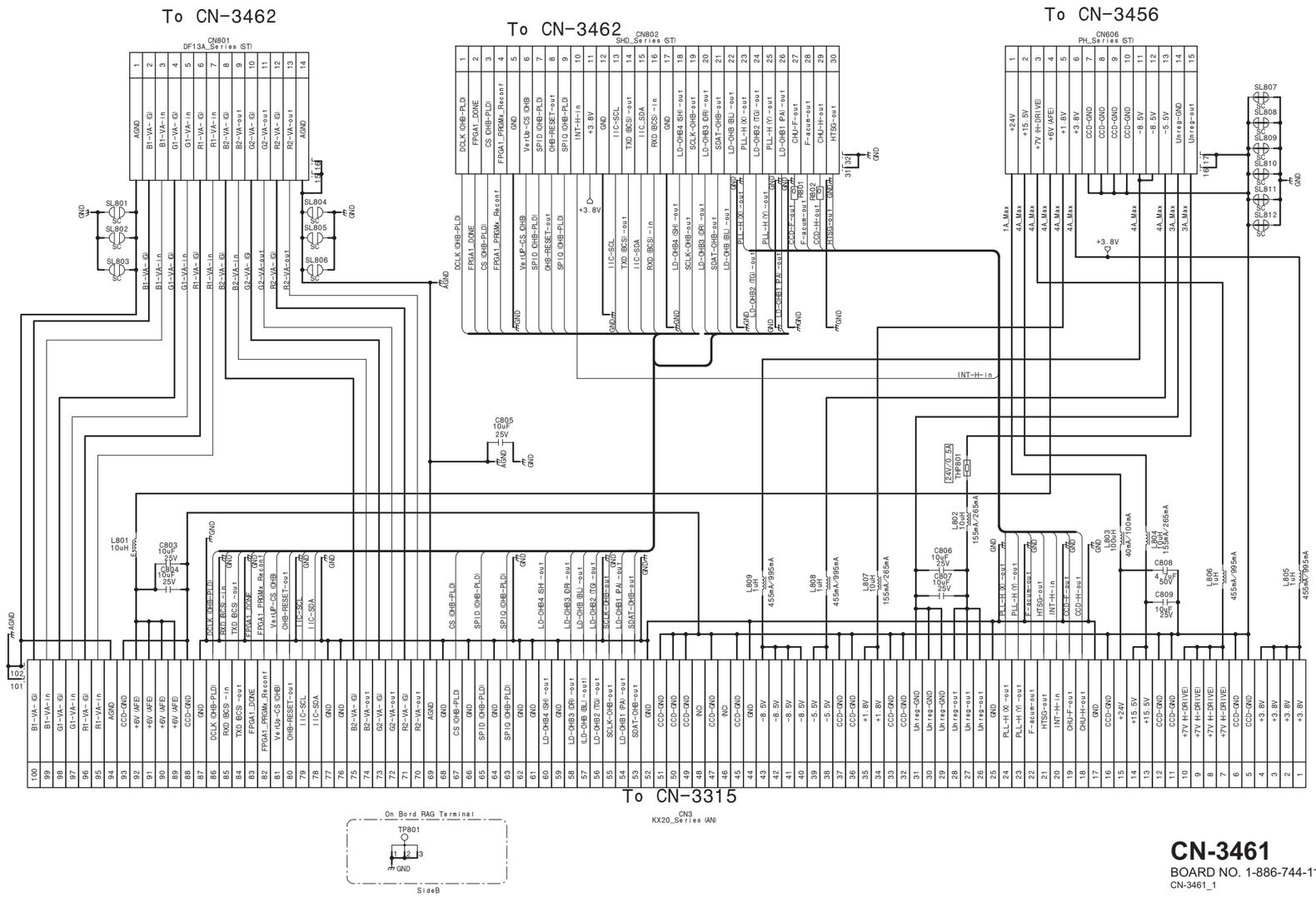


CN-3460

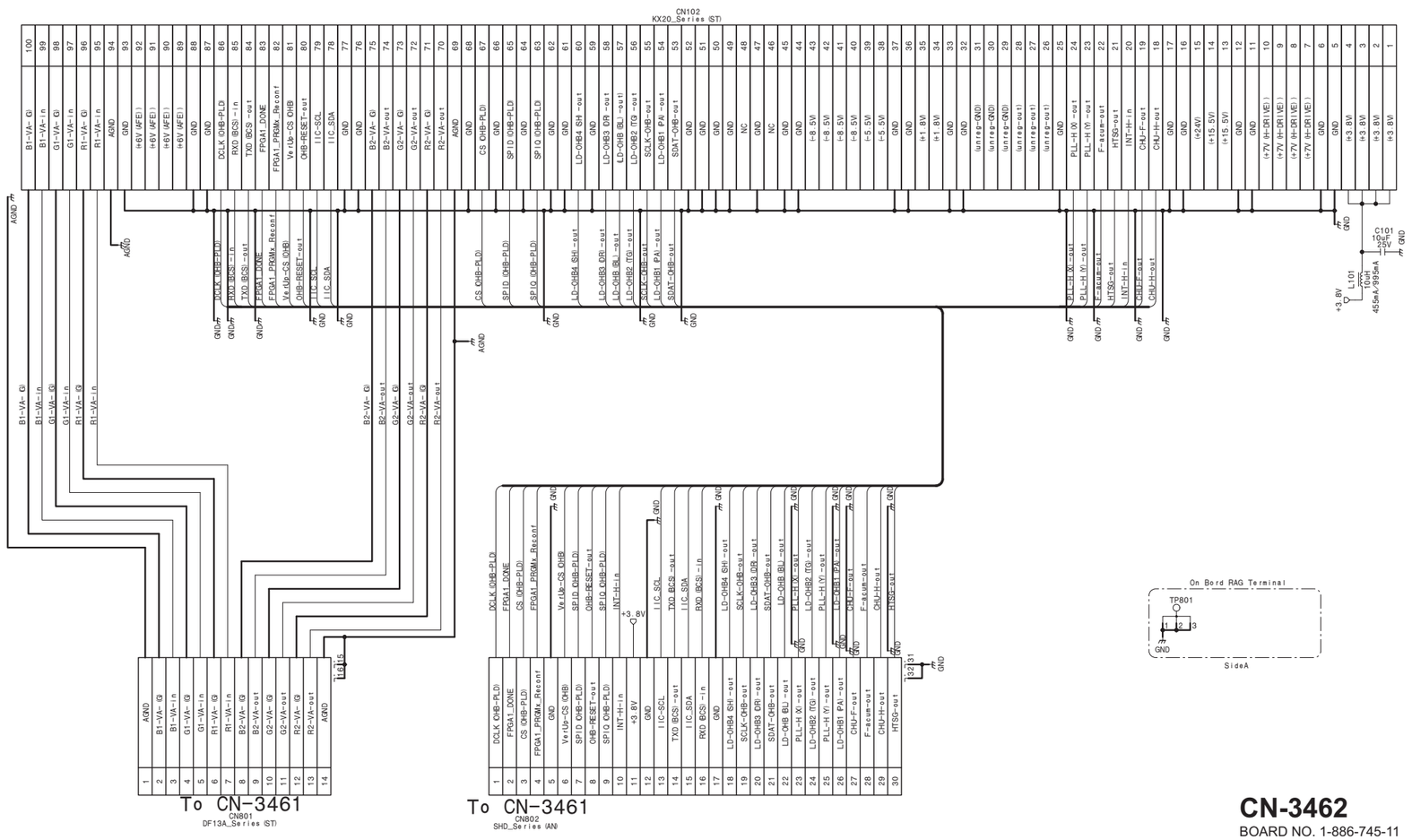
BOARD NO. 1-886-739-11

CN-3460_1

CN-3461


To CN-3462
To CN-3462
To CN-3456
CN801
DF13A_Series (ST)
CN802
SHD_Series (ST)
CN606
PH_Series (ST)
To CN-3315
CN3
KX20_Series (AN)
On Bord RAG Terminal
TPB01
SideB
CN-3461
BOARD NO. 1-886-744-11
CN-3461_1

CN-3462

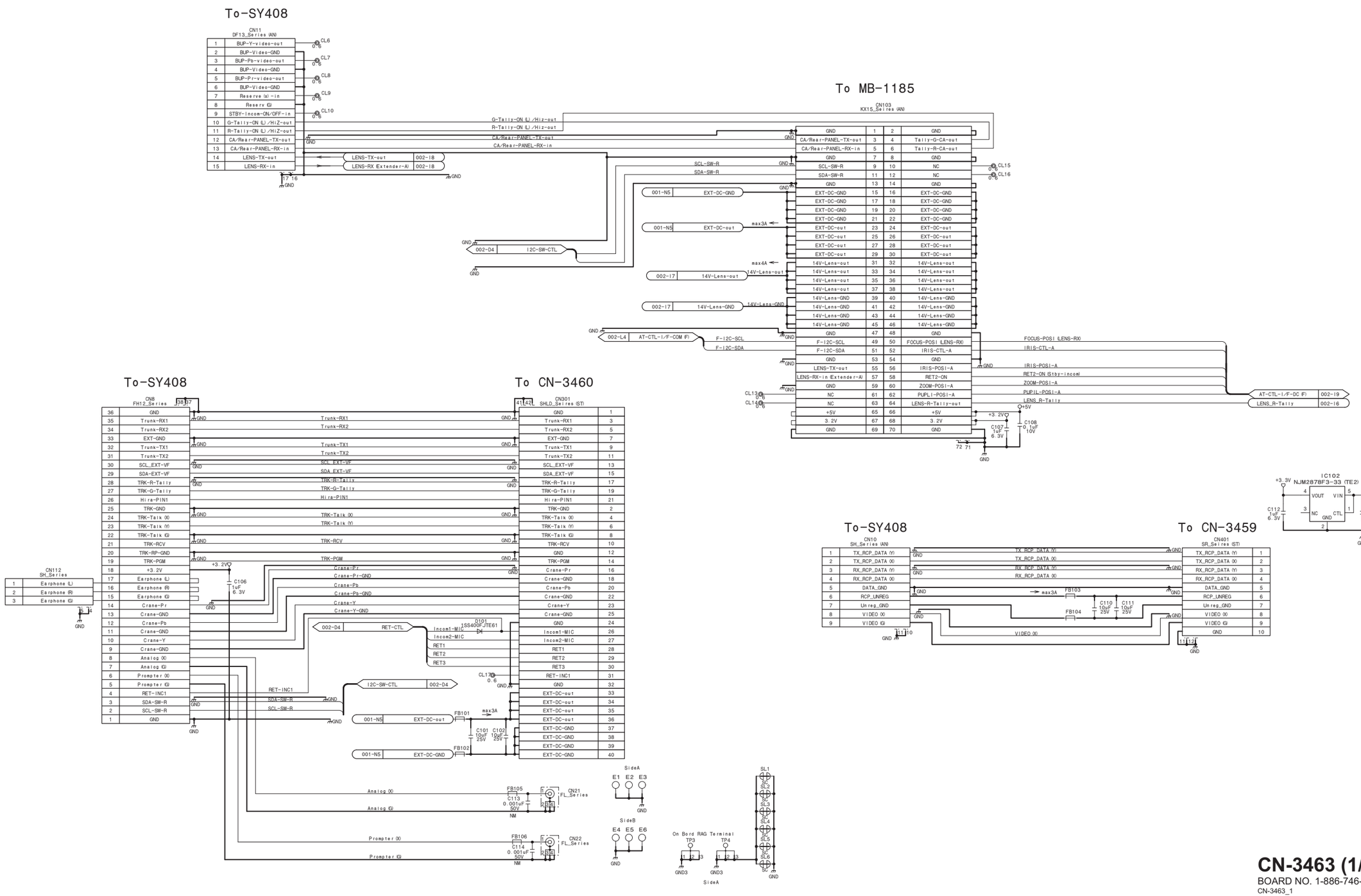


CN-3462

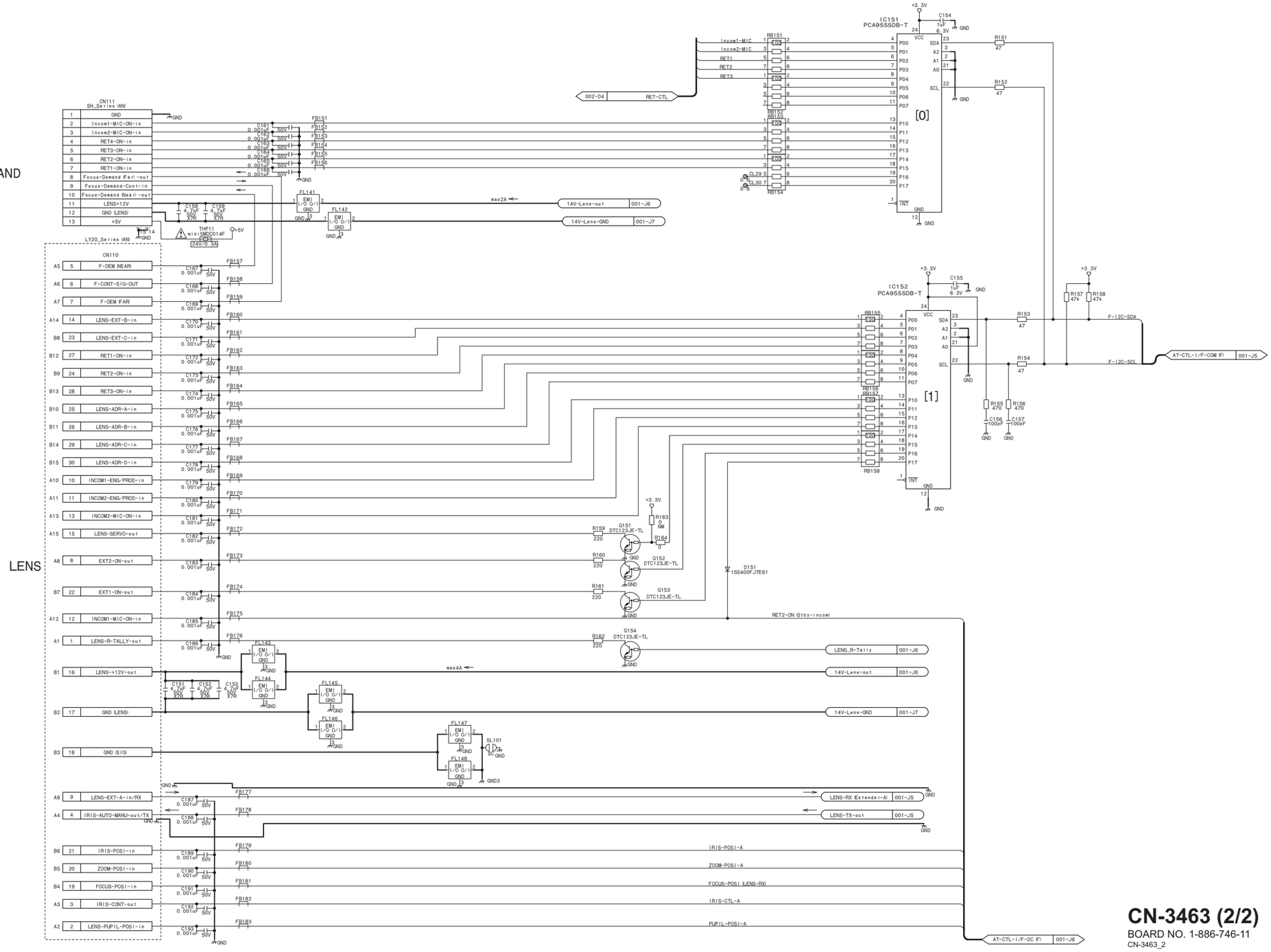
BOARD NO. 1-886-745-11

CN-3462_1

CN-3463
CN-3463 (1/2)



CN-3463 (1/2)
BOARD NO. 1-886-746-11
CN-3463_1

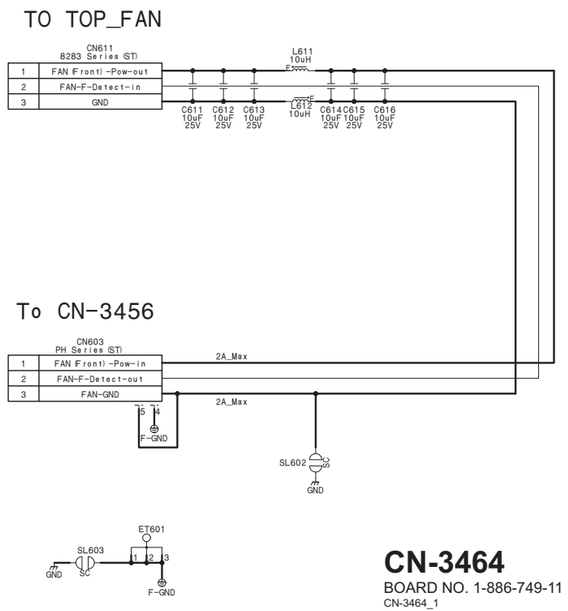


CN-3463 (2/2)

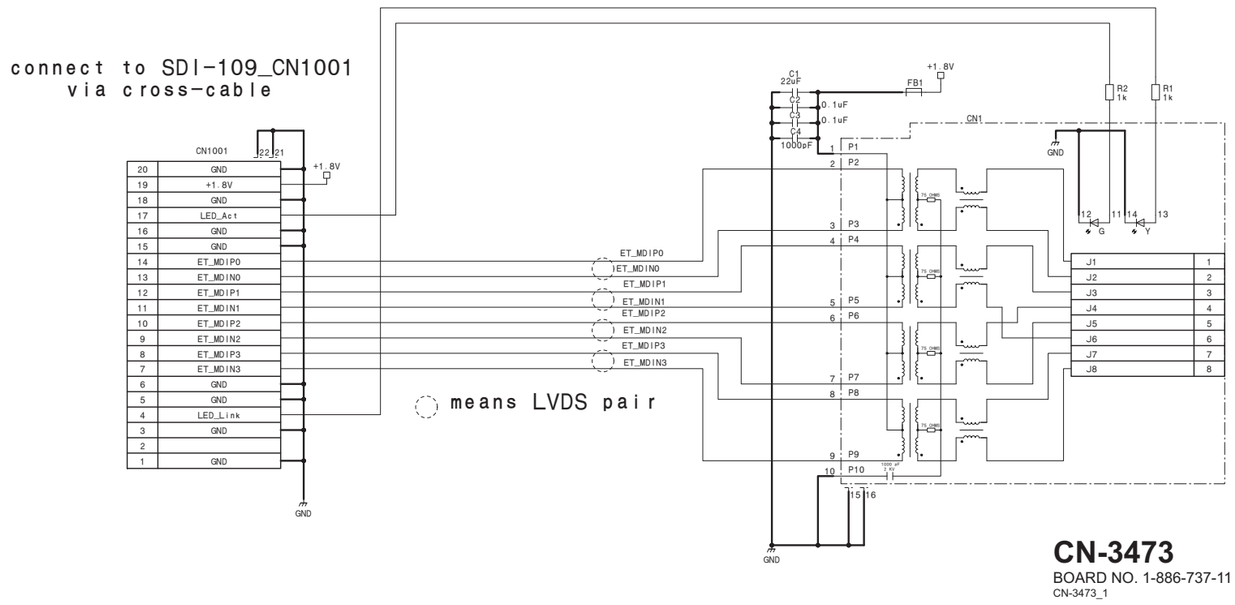
BOARD NO. 1-886-746-11

CN-3463_2

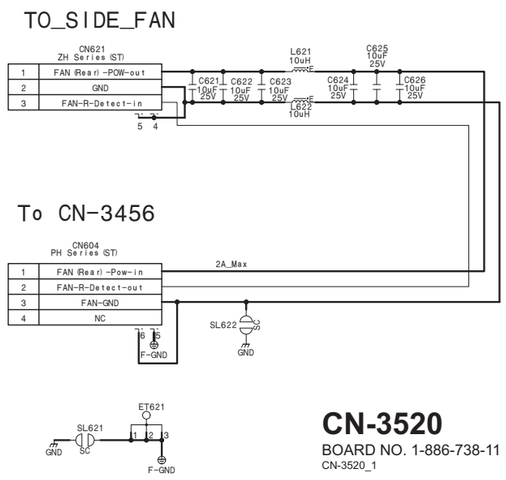
CN-3464



CN-3473



CN-3520

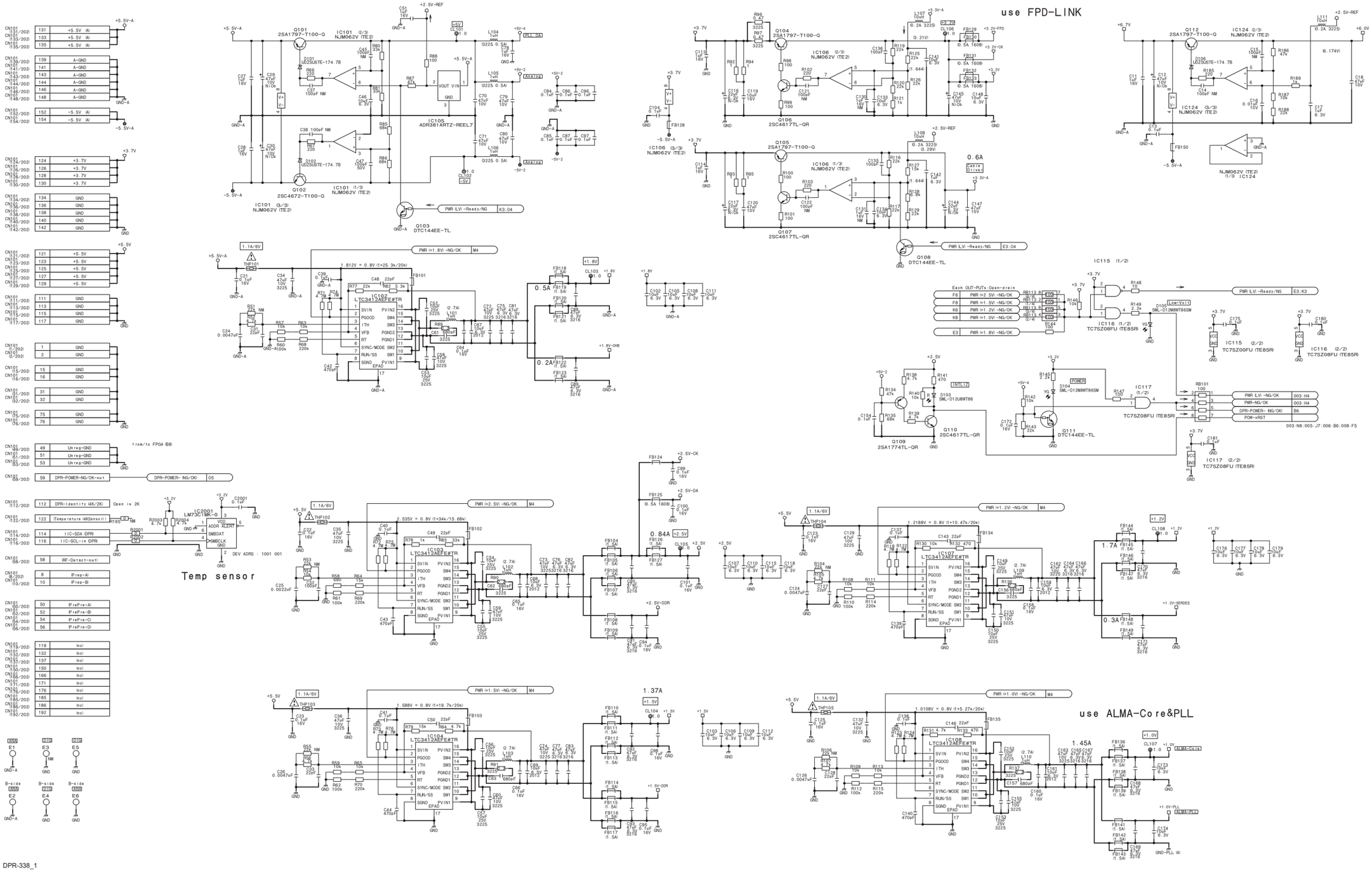


CN-3520

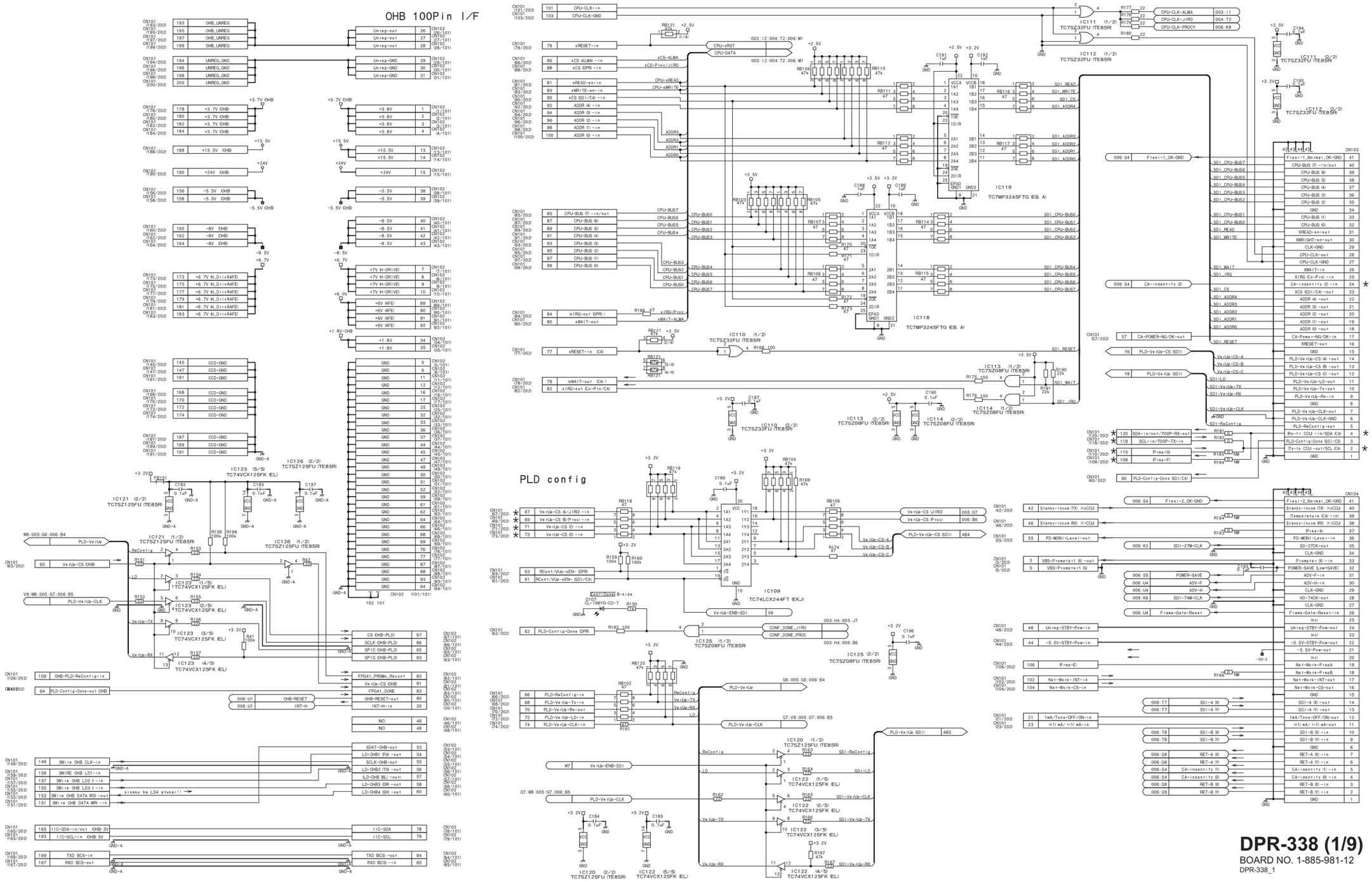
BOARD NO. 1-886-738-11

CN-3520_1

DPR-338
DPR-338 (1/9)_L



DPR-338 (1/9)_R

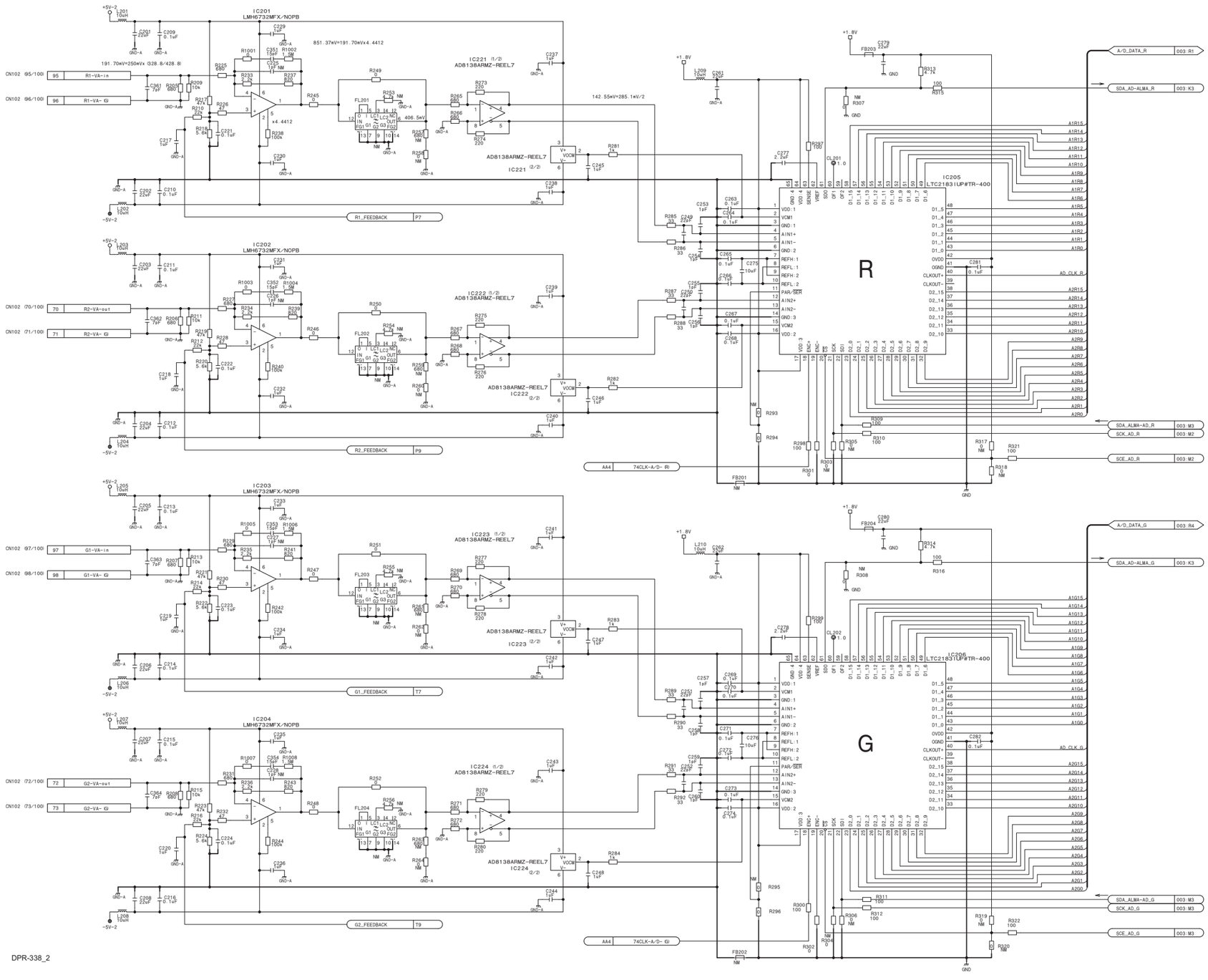


DPR-338 (1/9)

BOARD NO. 1-885-981-12

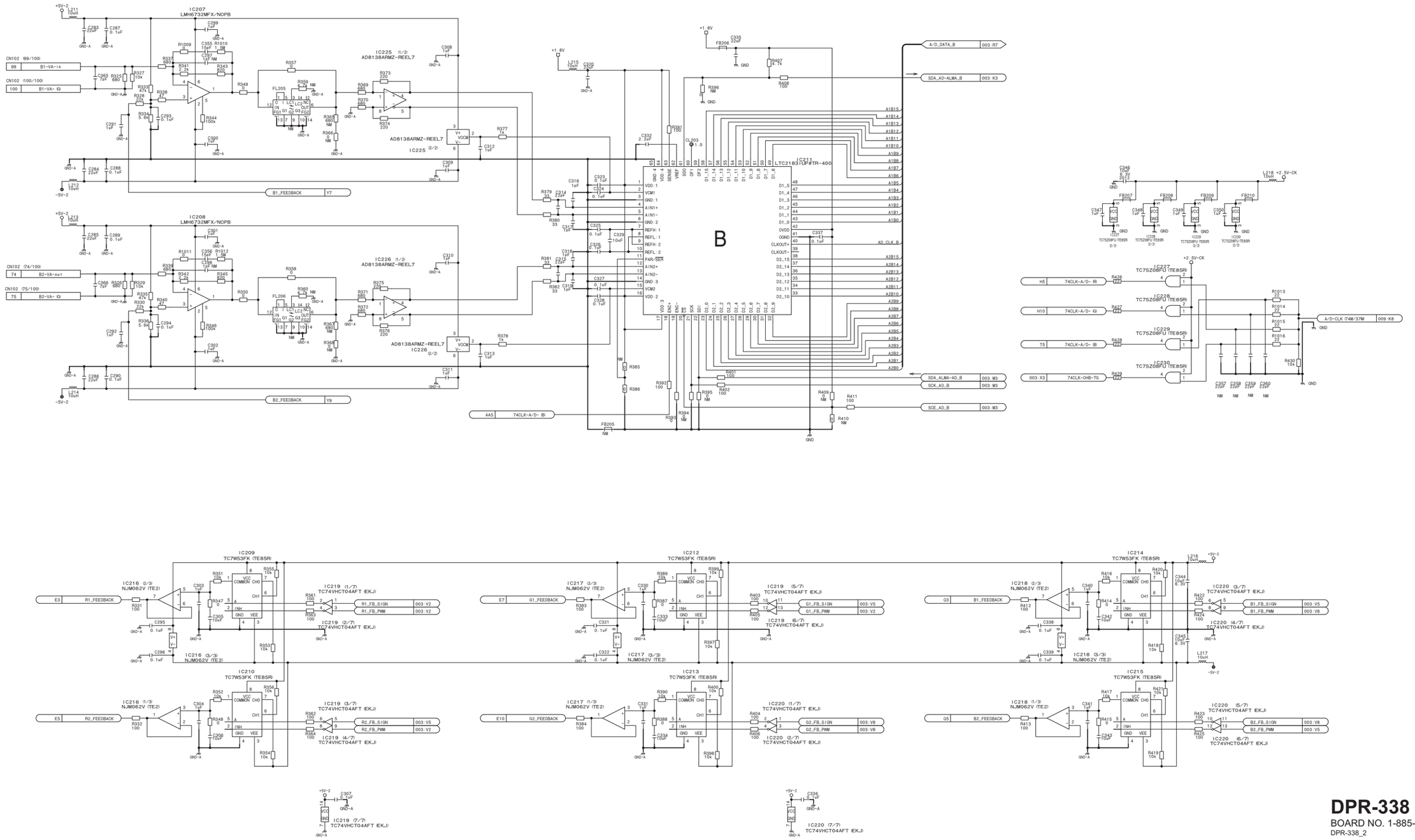
DPR-338_1

DPR-338 (2/9)_L



DPR-338_2

DPR-338 (2/9)_R

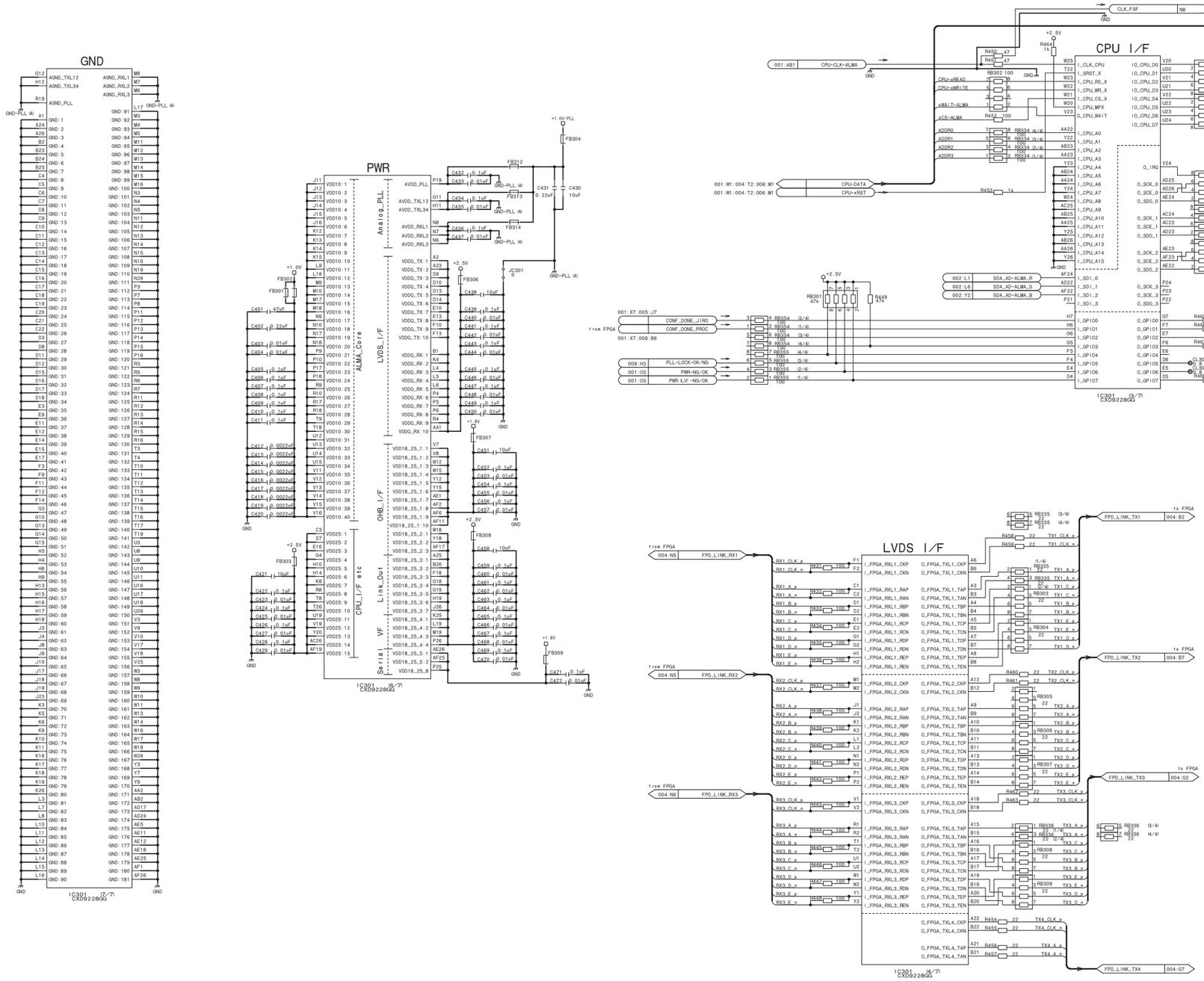


DPR-338 (2/9)

BOARD NO. 1-885-981-12

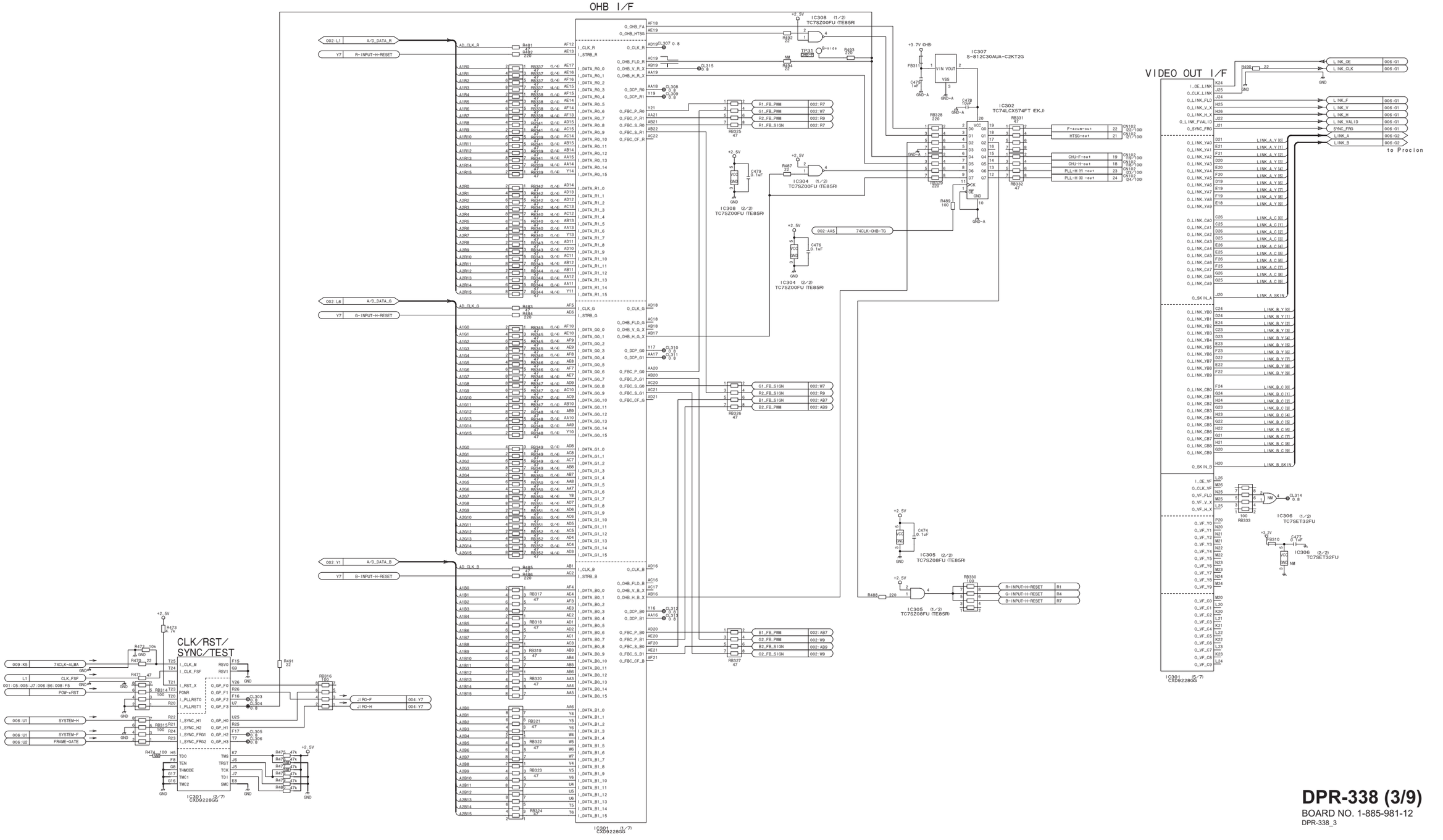
DPR-338_2

DPR-338 (3/9)_L



DPR-338_3

DPR-338 (3/9)_R

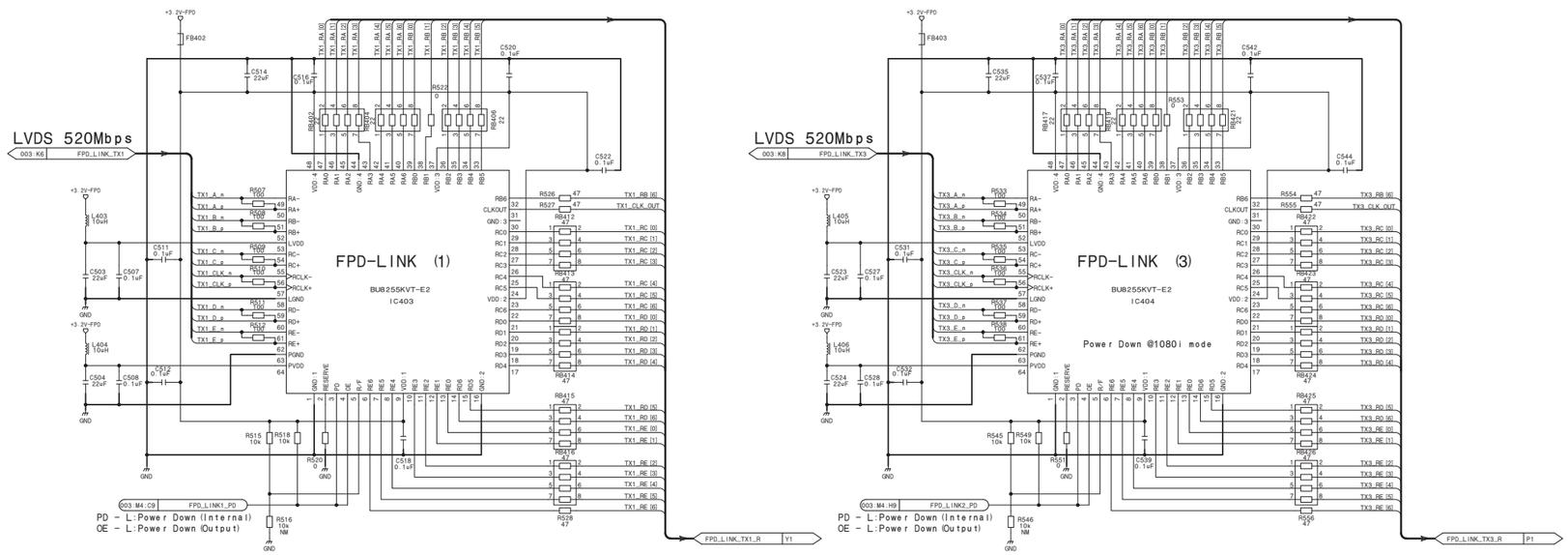


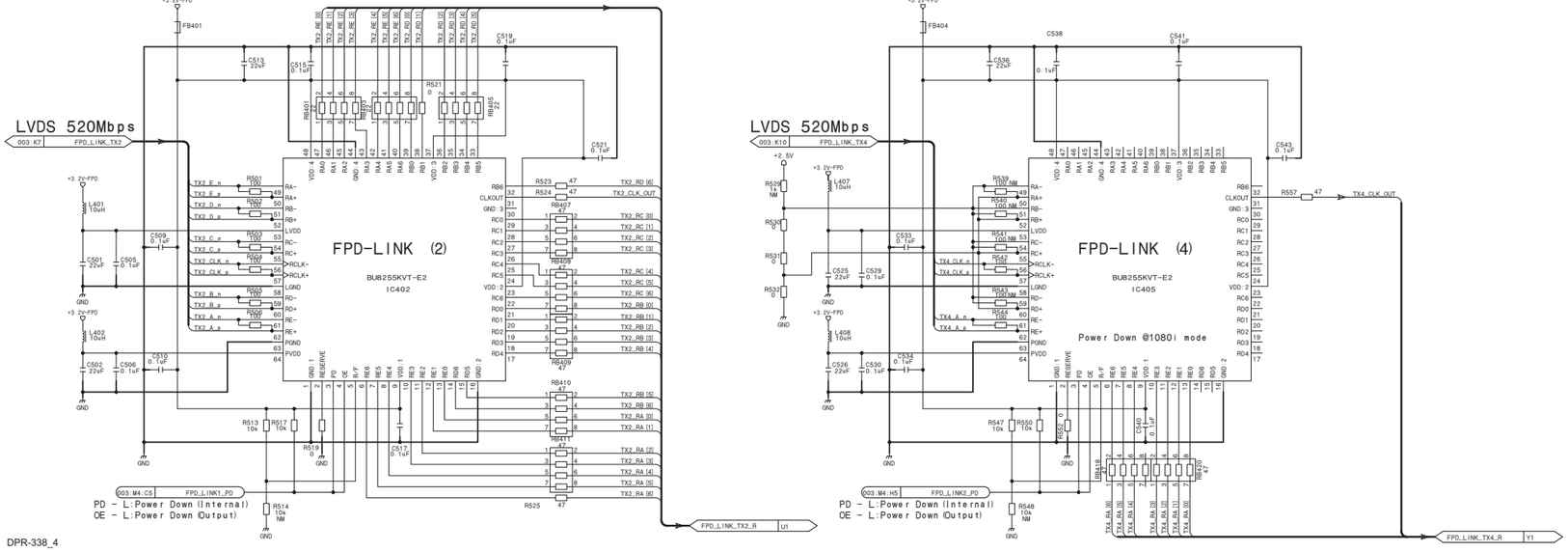
DPR-338 (3/9)

BOARD NO. 1-885-981-12

DPR-338_3

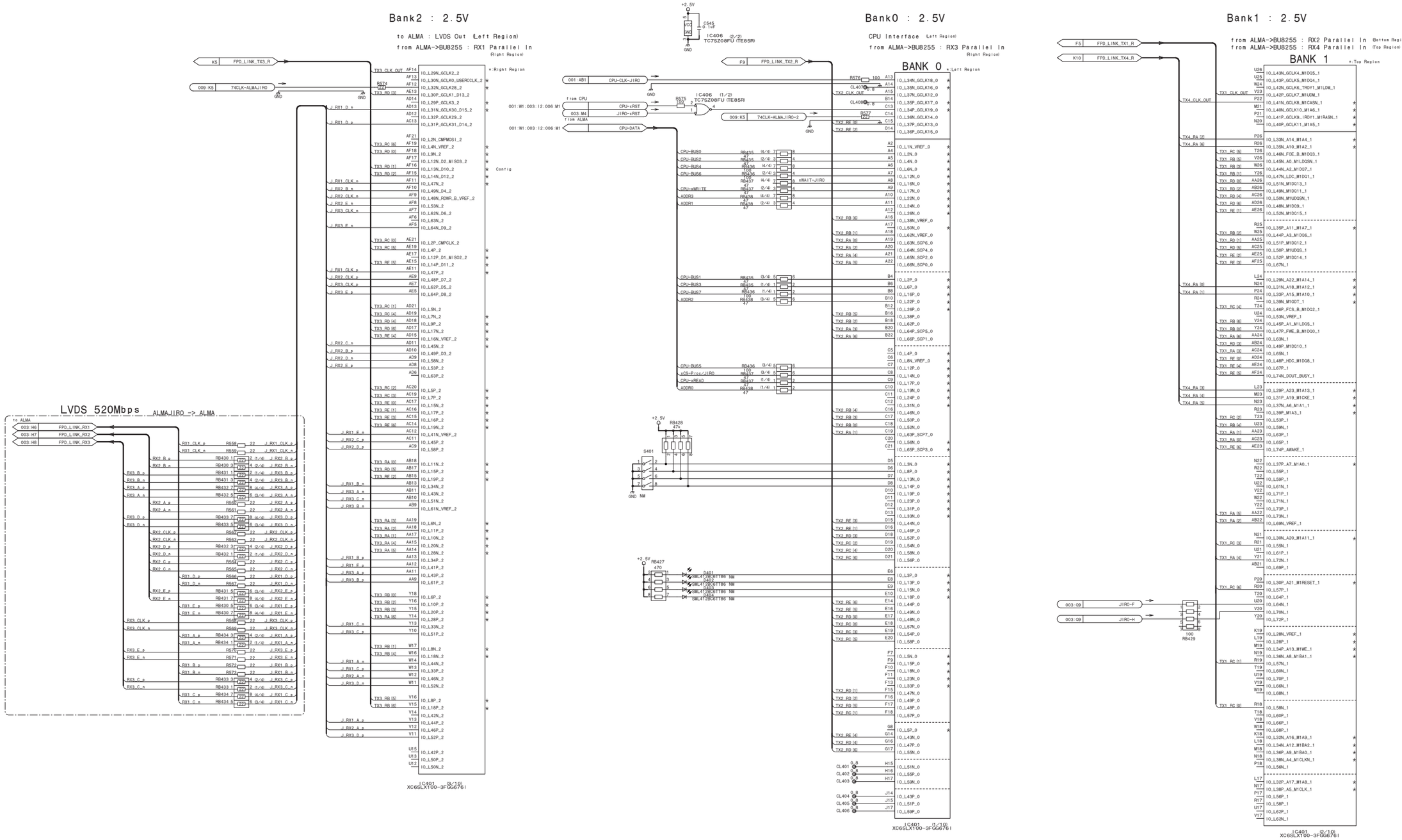
FPD-LINK (LVDS-RX 7:1 / 520Mbps)
for ALMA -> ALMAJIRO Transmission





DPR-338_4

DPR-338 (4/9)_R

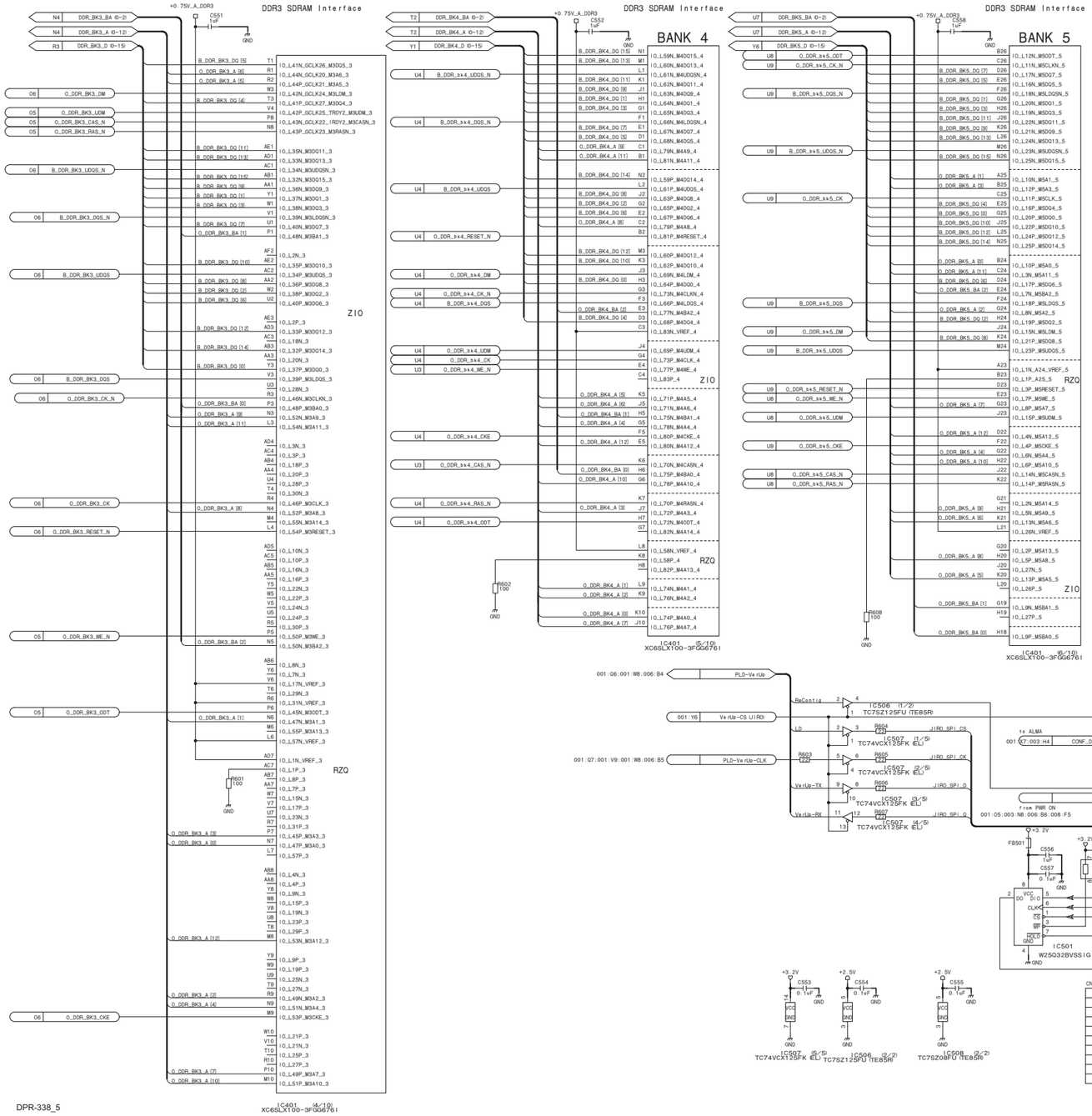


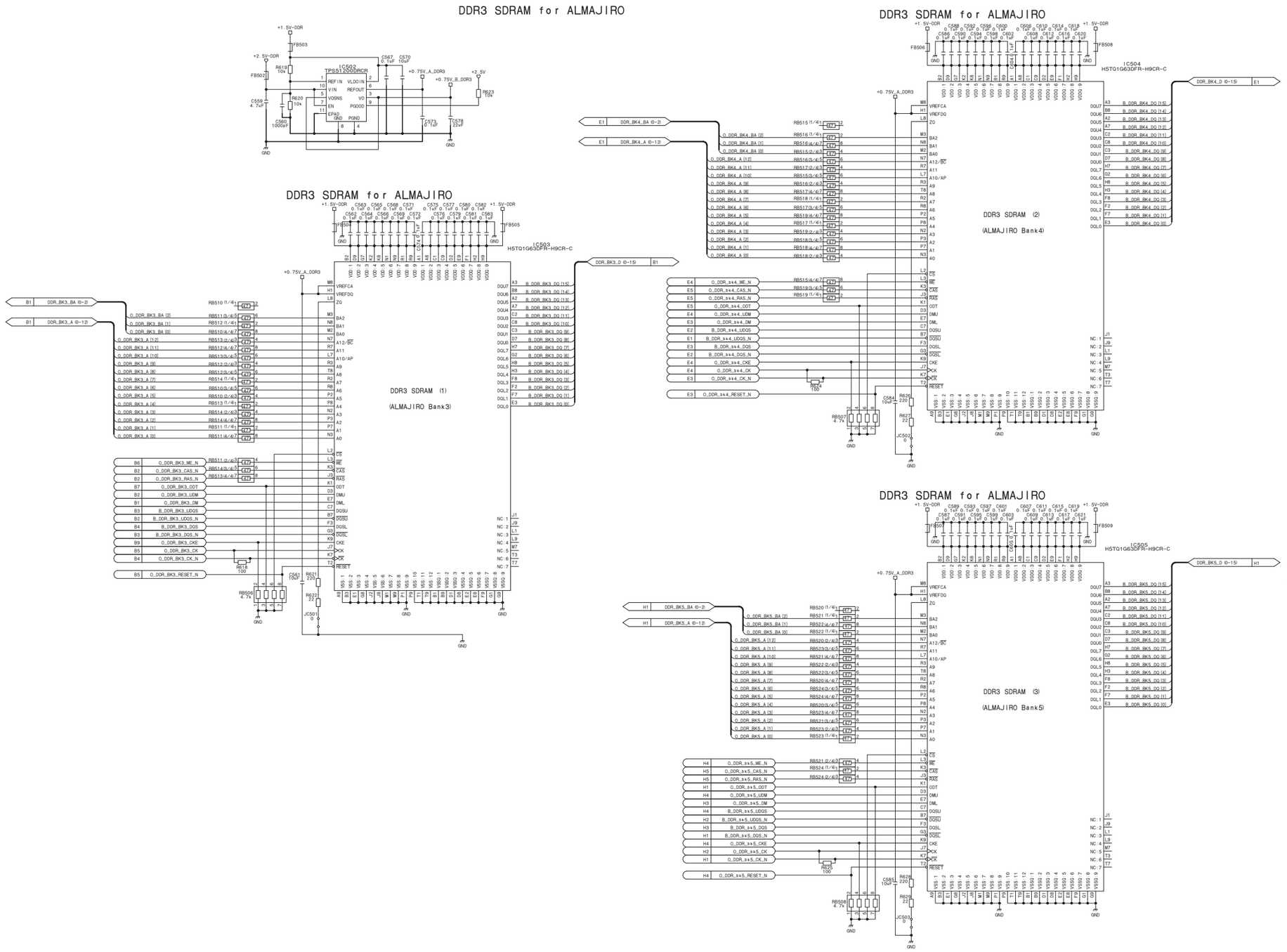
DPR-338 (4/9)

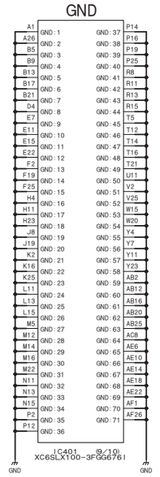
BOARD NO. 1-885-981-12

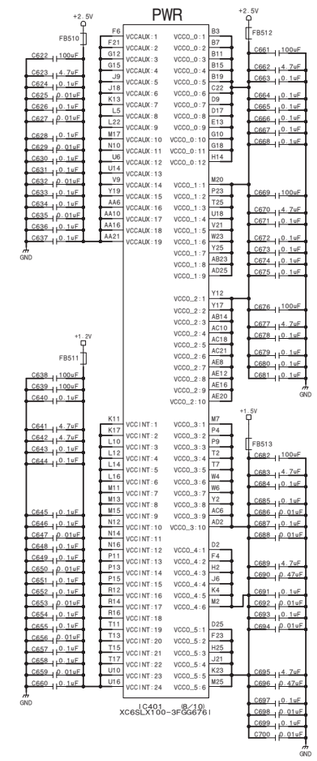
DPR-338_4

DPR-338 (5/9)_L


DDR3 SDRAM Interface
BANK 4
BANK 5
+0.75V_A_DDR3
C551 1uF
C552 1uF
C553 0.1uF
C554 0.1uF
C555 0.1uF
C556 1uF
C557 0.1uF
C701 0.1uF
C702 0.1uF
R601 100
R602 100
R608 100
R609 47
R610 100
R611 100
R612 22
R617 330
R630 10k
R501 4.7k
R502 4.7k
R503 4.7k
R504 4.7k
R505 4.7k
R514 4.7k
R515 4.7k
R516 2.2k
FB501
IC401 (5/10) XC6SLX100-3FGG676I
IC401 (6/10) XC6SLX100-3FGG676I
IC401 (4/10) XC6SLX100-3FGG676I
IC401 (7/10) XC6SLX100-3FGG676I
IC501 W25Q32BVSSIG
IC506 (1/2) TC7SZ125FU ITE85R
IC507 (1/5) TC74VCX125FK ELI
IC507 (2/5) TC74VCX125FK ELI
IC507 (3/5) TC74VCX125FK ELI
IC507 (4/5) TC74VCX125FK ELI
IC507 (5/5) TC74VCX125FK ELI
IC508 (1/2) TC7SZ08FU ITE85R
IC508 (2/2) TC7SZ08FU ITE85R
IC509 (1/2) TC7SZ04FU ITE85R
IC509 (2/2) TC7SZ04FU ITE85R
IC510 (1/5) TC74VCX125FK ELI
IC510 (2/5) TC74VCX125FK ELI
IC510 (3/5) TC74VCX125FK ELI
IC510 (4/5) TC74VCX125FK ELI
IC510 (5/5) TC74VCX125FK ELI
CN501
CONFIG/etc
RZQ
ZIO
PLD→Ve rUb
Ve rUb→CS UIRDI
Ve rUb→CLK
Ve rUb→TX
Ve rUb→RX
JIRO_SPI_CS
JIRO_SPI_CK
JIRO_SPI_D
JIRO_SPI_Q
CONF_DONE_JIRO
POW→RST
J_MSO
J_CCLK
J_CSO
J_MSI
DPR-338_5





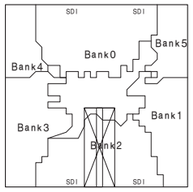


DPR-338 (5/9)

BOARD NO. 1-885-981-12

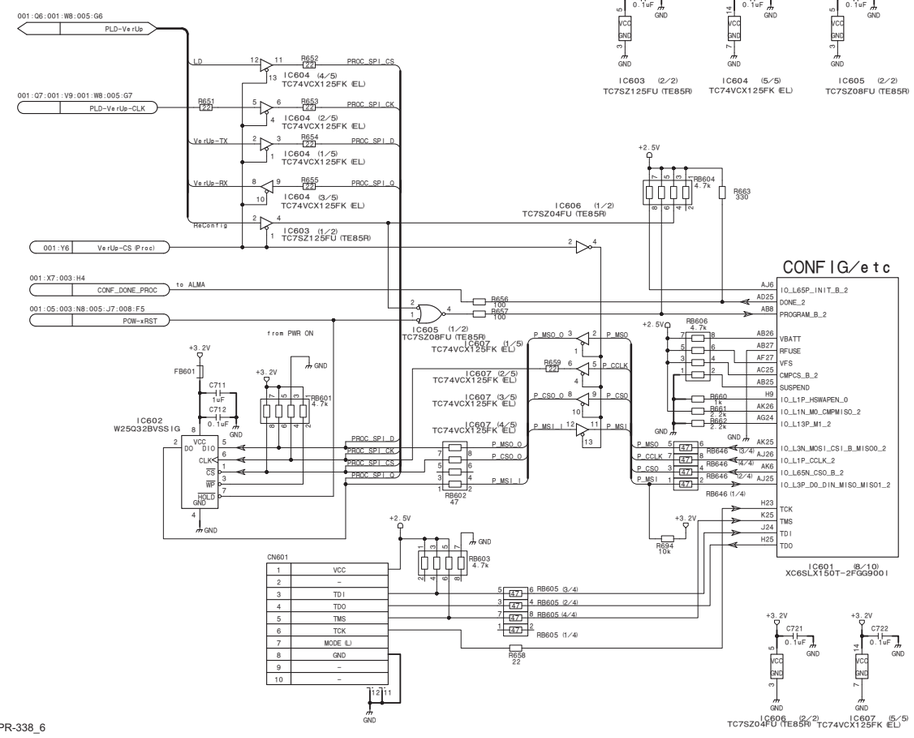
DPR-338_5

DPR-338 (6/9)_L



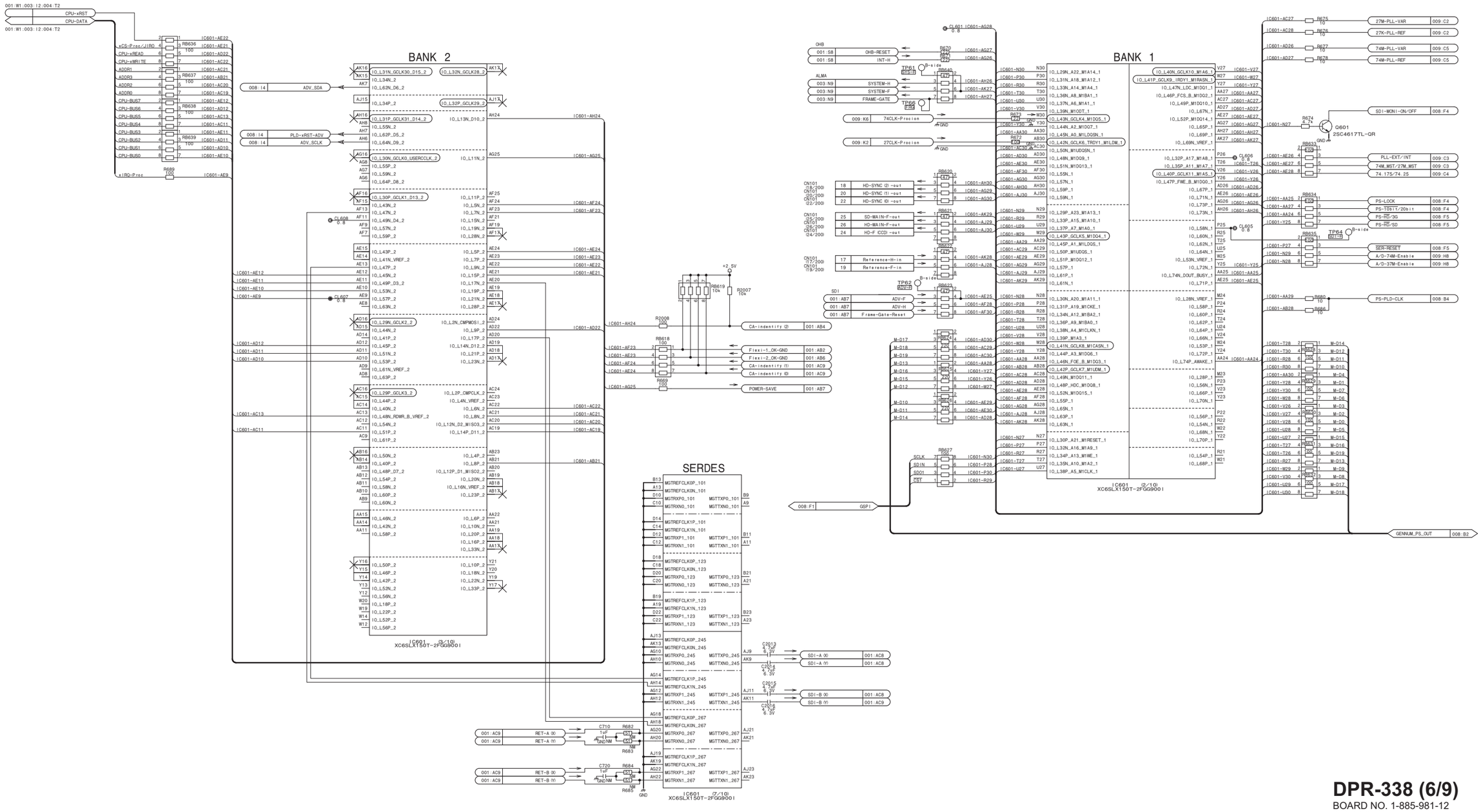
*Procion-Z Power Supply
Bank0 : 3.3V - SD-RAM Interface
Bank1 : 2.5V - PLL & SD/HD-SDI-I/F
Bank2 : 2.5V - Trans-SDI-I/F & hira-Pin
Bank3 : 2.5V - MAIN-A/B-IN & VF, VBS-OUT
Bank4 : 3.3V - SD-RAM Interface
Bank5 : 3.3V - SD-RAM Interface

*Small-Procyon Power Supply
Bank0 : 2.5V - CPU-IF , VF-IF
Bank1 : 2.5V - Transmit FPGA OSD, ALMA
Bank2 : 2.5V - Transmit FPGA
Bank3 : 3.3V - SDRAM Interface
Bank4 : 3.3V - PLL , Genlock/Return Control
Bank5 : 2.5V - ALMA (Main-A/B Input)



DPR-338_6

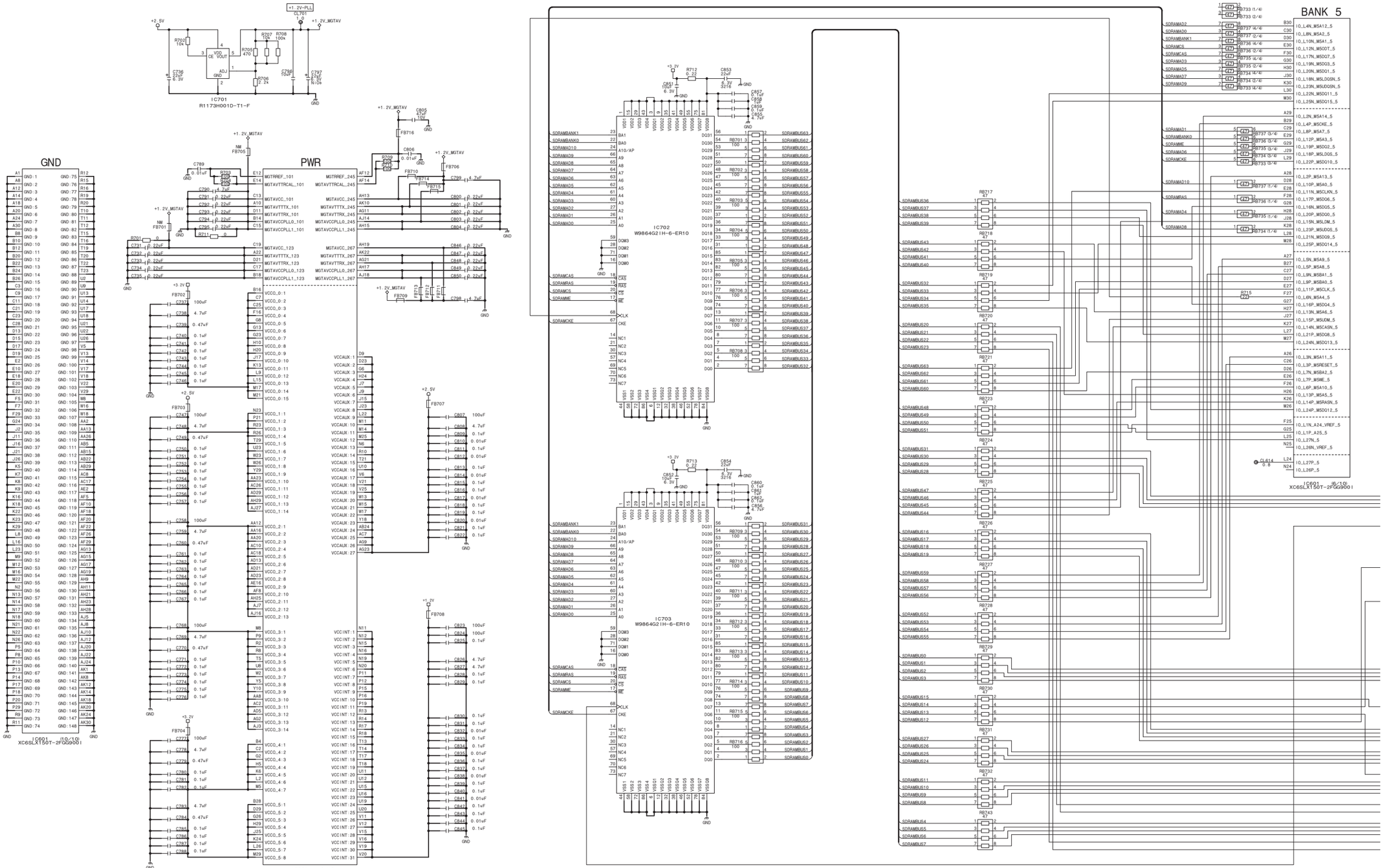
DPR-338 (6/9)_R

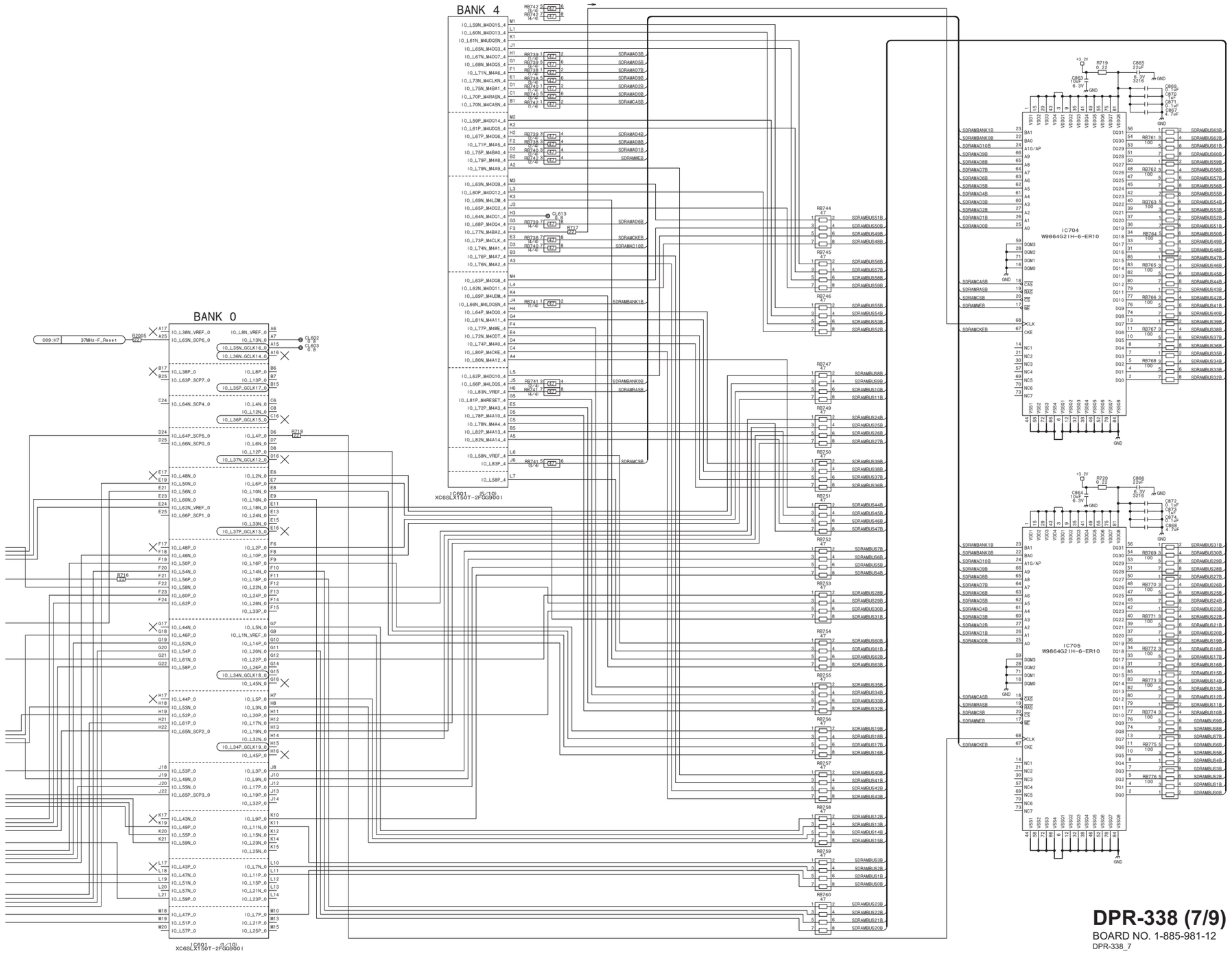


DPR-338 (6/9)

BOARD NO. 1-885-981-12

DPR-338_6


GND
PWR
BANK 5
IC701
R1173H001D-T1-F
IC702
W9864G2IH-6-ER10
IC703
W9864G2IH-6-ER10
IC601 #6/10
XC6SLX150T-2FGG900I
IC601 #7/10
XC6SLX150T-2FGG900I
IC601 #8/10
XC6SLX150T-2FGG900I
IC601 #9/10
XC6SLX150T-2FGG900I
IC601 #10/10
XC6SLX150T-2FGG900I

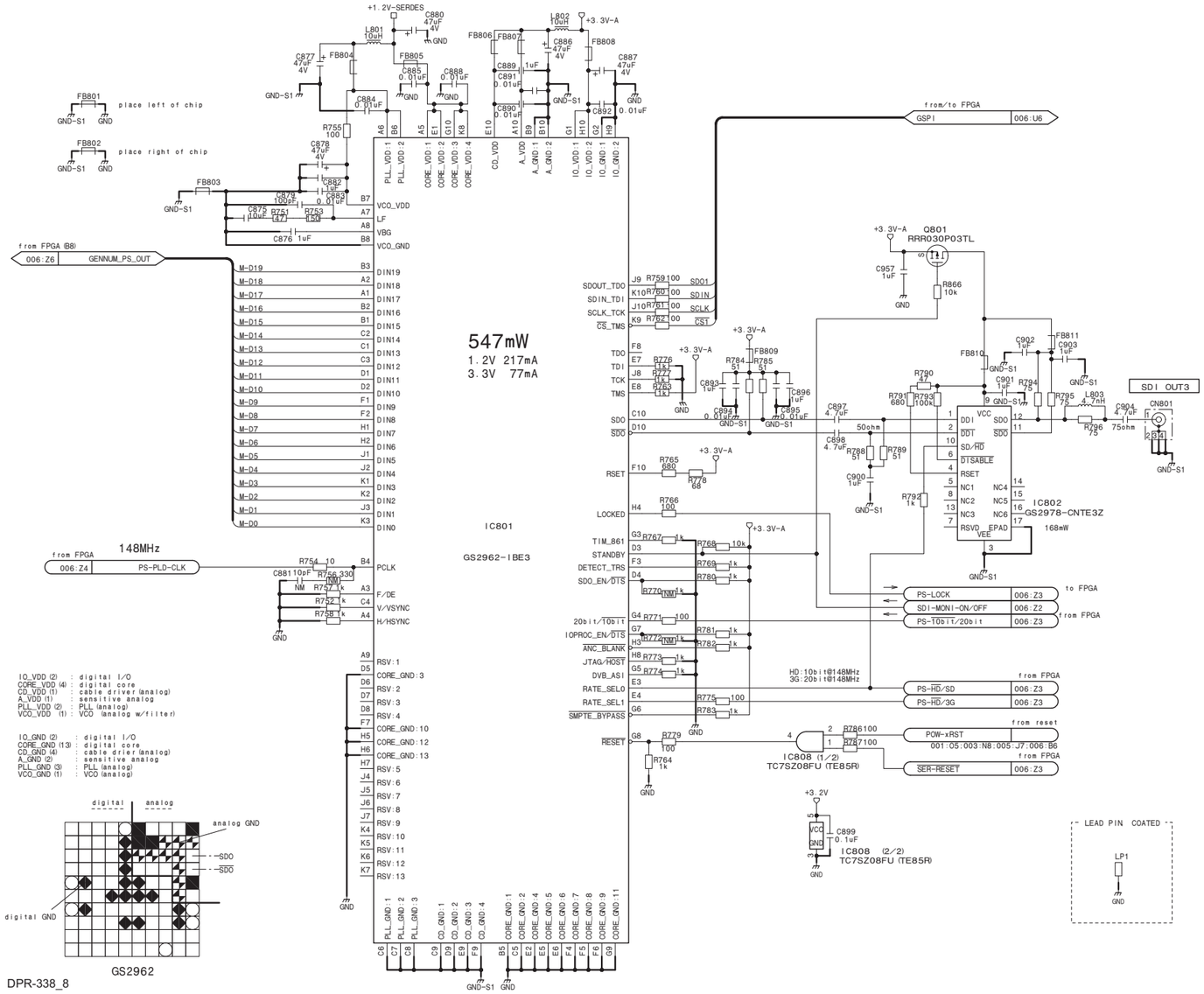


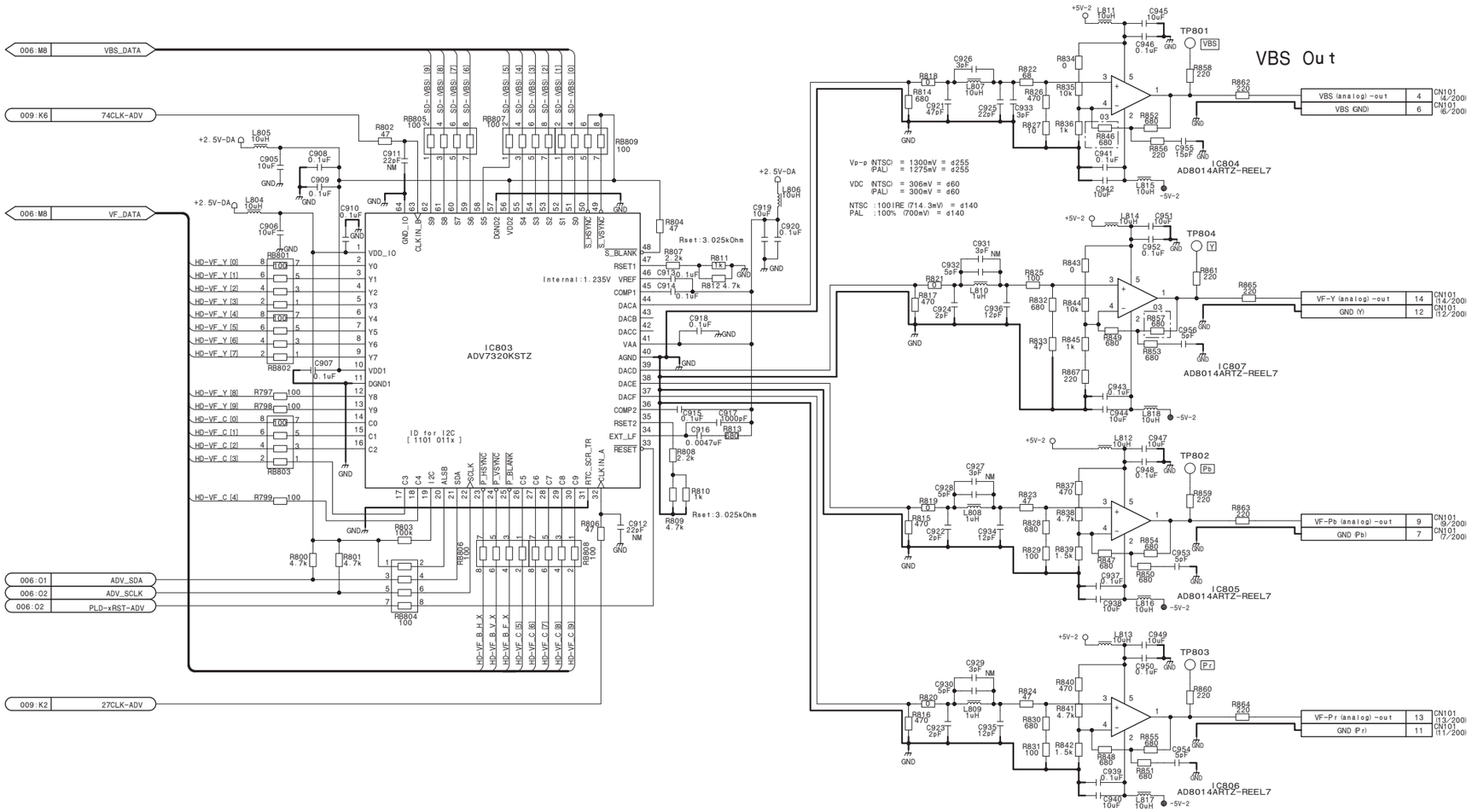
DPR-338 (7/9)

BOARD NO. 1-885-981-12

DPR-338_7

DPR-338 (8/9)_L


547mW
1.2V 217mA
3.3V 77mA
IC801
GS2962-IBE3
148MHz
IC802
GS2978-CNTE3Z
168mW
IC808 (1/2)
TC7SZ08FU (TE85R)
IC808 (2/2)
TC7SZ08FU (TE85R)
Q801
RRR030P03TL
SDI OUT3
LEAD PIN COATED
HD:10bit@148MHz
3G:20bit@148MHz
I/O_VDD (2) : digital I/O
CORE_VDD (4) : digital core
CD_VDD (1) : cable driver (analog)
A_VDD (1) : sensitive analog
PLL_VDD (2) : PLL (analog)
VCO_VDD (1) : VCO (analog w/filter)
I/O_GND (2) : digital I/O
CORE_GND (13) : digital core
CD_GND (4) : cable driver (analog)
A_GND (2) : sensitive analog
PLL_GND (3) : PLL (analog)
VCO_GND (1) : VCO (analog)
digital
analog
analog GND
digital GND
SDO
SDO
GS2962
DPR-338_8

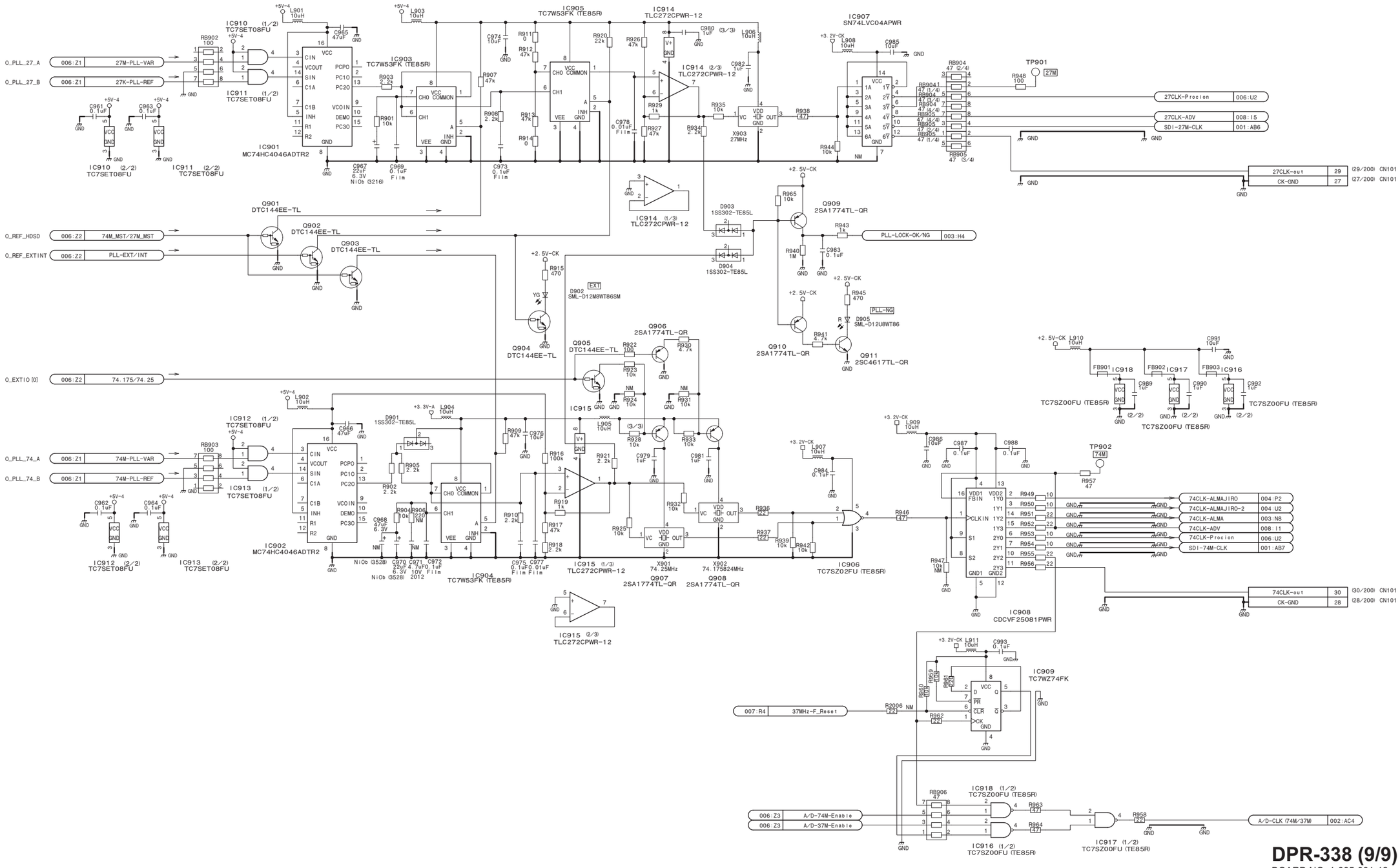


DPR-338 (8/9)

BOARD NO. 1-885-981-12

DPR-338_8

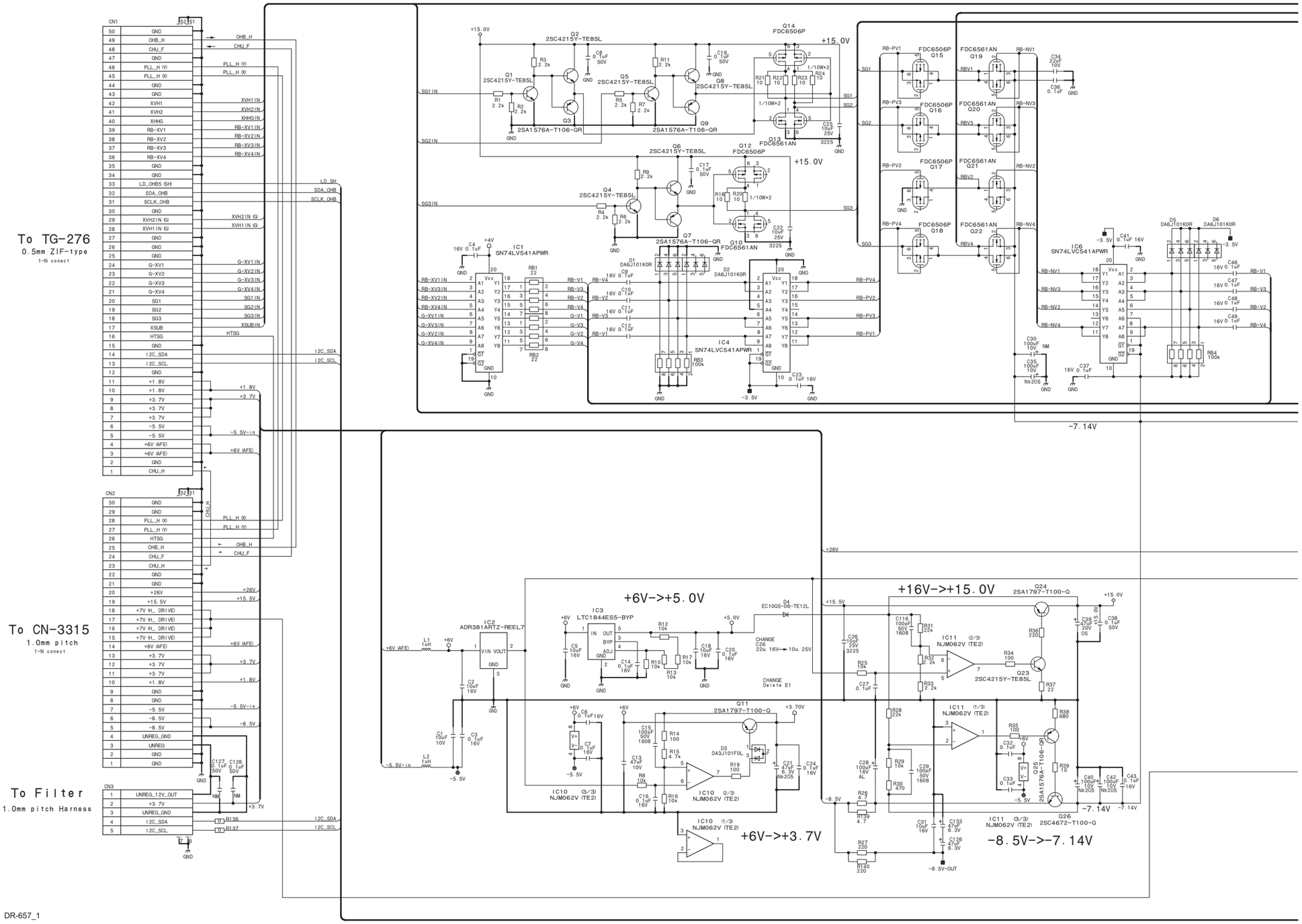
DPR-338 (9/9)

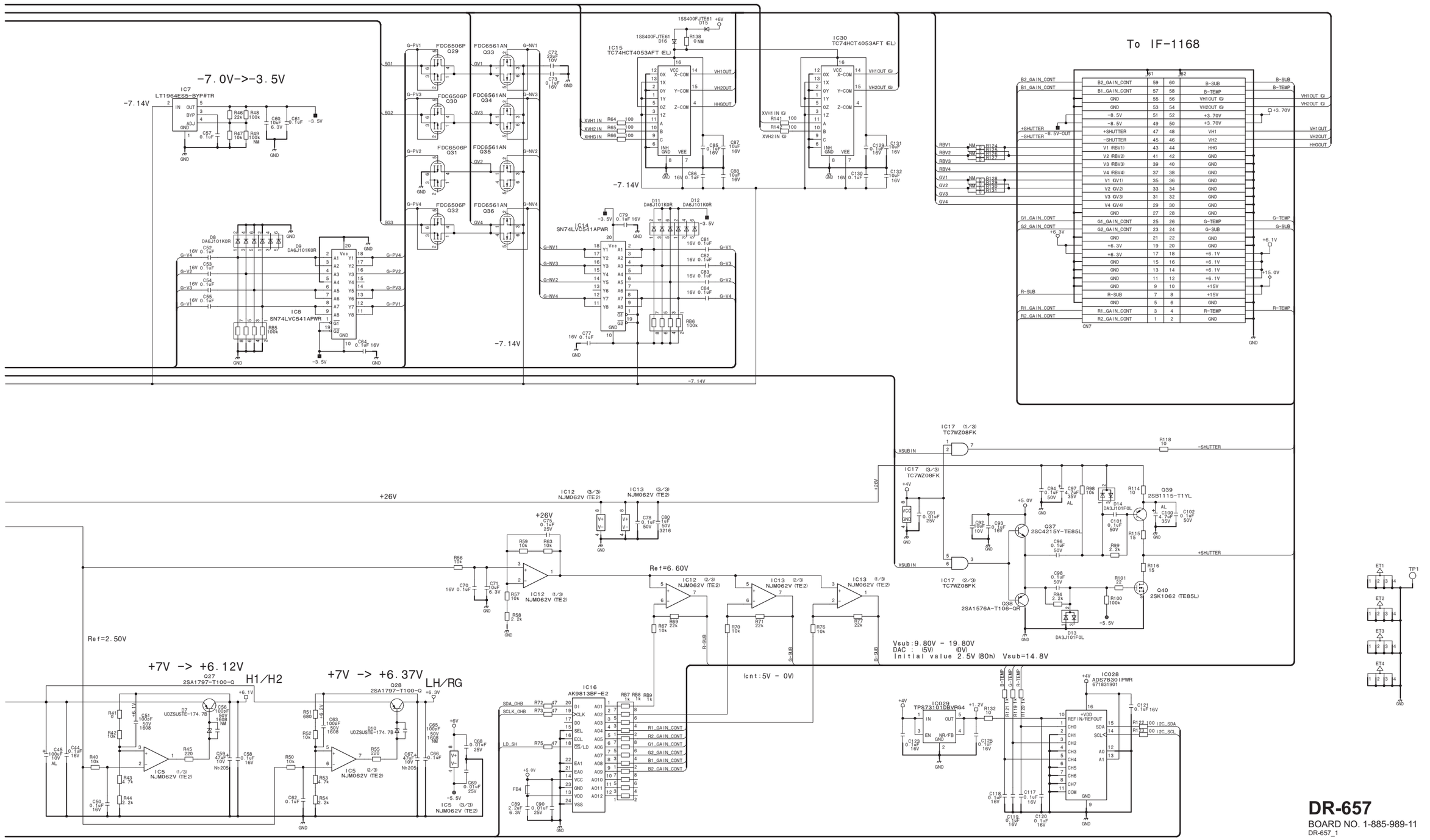


DPR-338 (9/9)

BOARD NO. 1-885-981-12

DPR-338_9

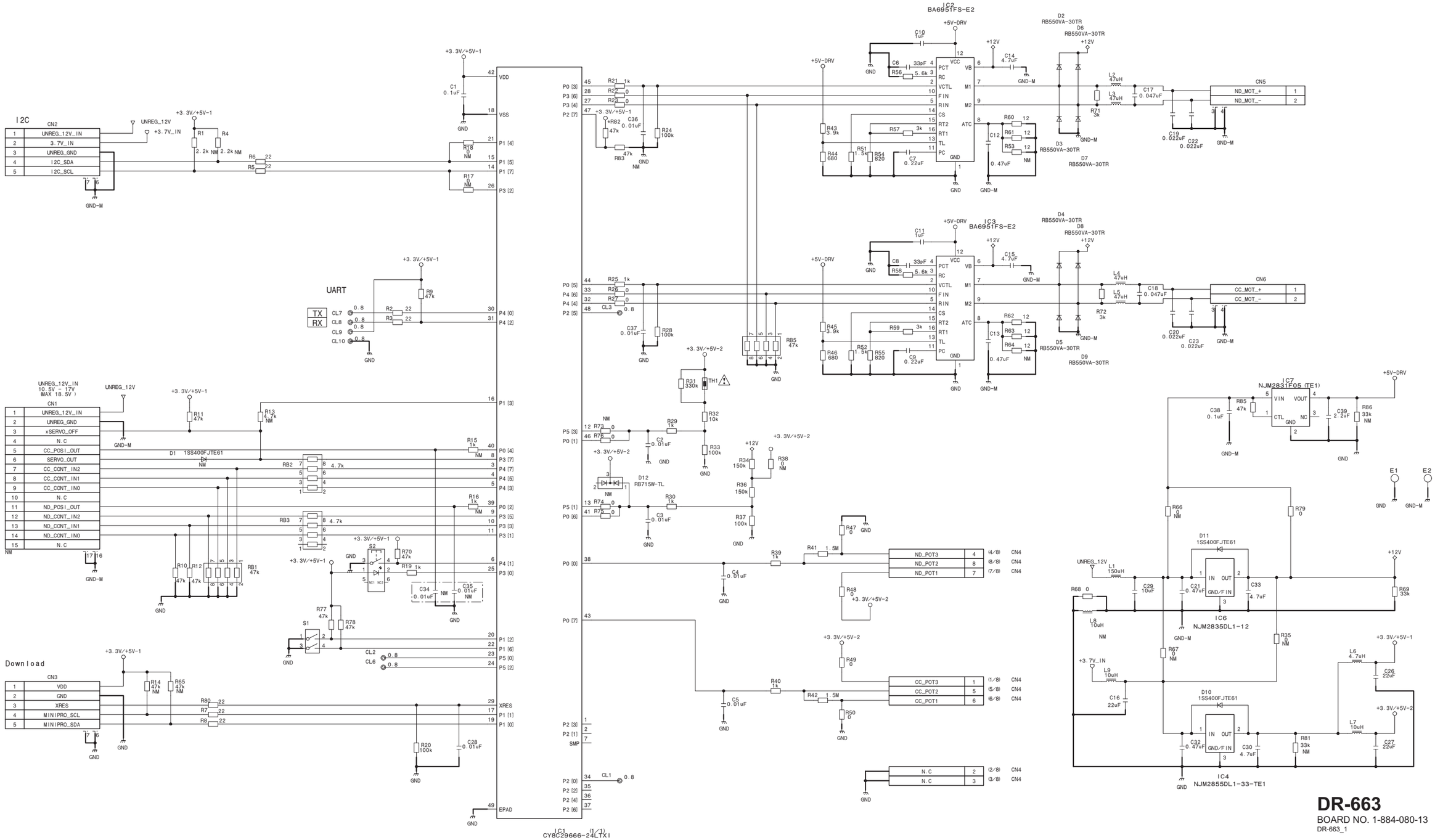

CN1
CN2
CN3
To TG-276
0.5mm ZIF-type
1-N conect
To CN-3315
1.0mm pitch
1-N conect
To Filter
1.0mm pitch Harness
+15.0V
+4V
-3.5V
-7.14V
+26V
+6V->+5.0V
+16V->+15.0V
+6V->+3.7V
-8.5V->-7.14V
IC1 SN74LV541APWR
IC2 ADR381ARTZ-REEL7
IC3 LTC1844ES5-BYP
IC4 SN74LVC541APWR
IC6 SN74LVC541APWR
IC10 NJM062V (TE2)
IC11 NJM062V (TE2)
Q1 2SC4215Y-TE85L
Q2 2SC4215Y-TE85L
Q3 2SA1576A-T106-QR
Q4 2SC4215Y-TE85L
Q5 2SC4215Y-TE85L
Q6 2SC4215Y-TE85L
Q7 2SA1576A-T106-QR
Q8 2SC4215Y-TE85L
Q9 2SA1576A-T106-QR
Q10 FDC6561AN
Q11 2SA1797-T100-Q
Q12 FDC6506P
Q13 FDC6561AN
Q14 FDC6506P
Q15 FDC6506P
Q16 FDC6506P
Q17 FDC6506P
Q18 FDC6506P
Q19 FDC6561AN
Q20 FDC6561AN
Q21 FDC6561AN
Q22 FDC6561AN
Q23 2SC4215Y-TE85L
Q24 2SA1797-T100-Q
Q25 2SA1576A-T106-QR
Q26 2SC4672-T100-Q
D1 DA6J101K0R
D2 DA6J101K0R
D3 DA3J101F0L
D4 EC10QS06-TE12L
D5 DA6J101K0R
D6 DA6J101K0R
RB1 22
RB2 22
RB3 100k
RB4 100k
OHB_H
CHU_F
PLL_H (Y)
PLL_H (X)
XVH1IN
XVH2IN
XHHGIN
RB-XV1IN
RB-XV2IN
RB-XV3IN
RB-XV4IN
LD_SH
SDA_OHB
SCLK_OHB
XVH2IN (G)
XVH1IN (G)
G-XV1IN
G-XV2IN
G-XV3IN
G-XV4IN
SG1IN
SG2IN
SG3IN
XSUBIN
HTSG
I2C_SDA
I2C_SCL
+1.8V
+3.7V
-5.5V-in
+6V (AFE)
CHU_H
PLL_H (X)
PLL_H (Y)
OHB_H
CHU_F
+26V
+15.5V
-8.5V
UNREG
UNREG_12V_OUT
UNREG_GND
-8.5V-OUT
DR-657_1



DR-657

BOARD NO. 1-885-989-11

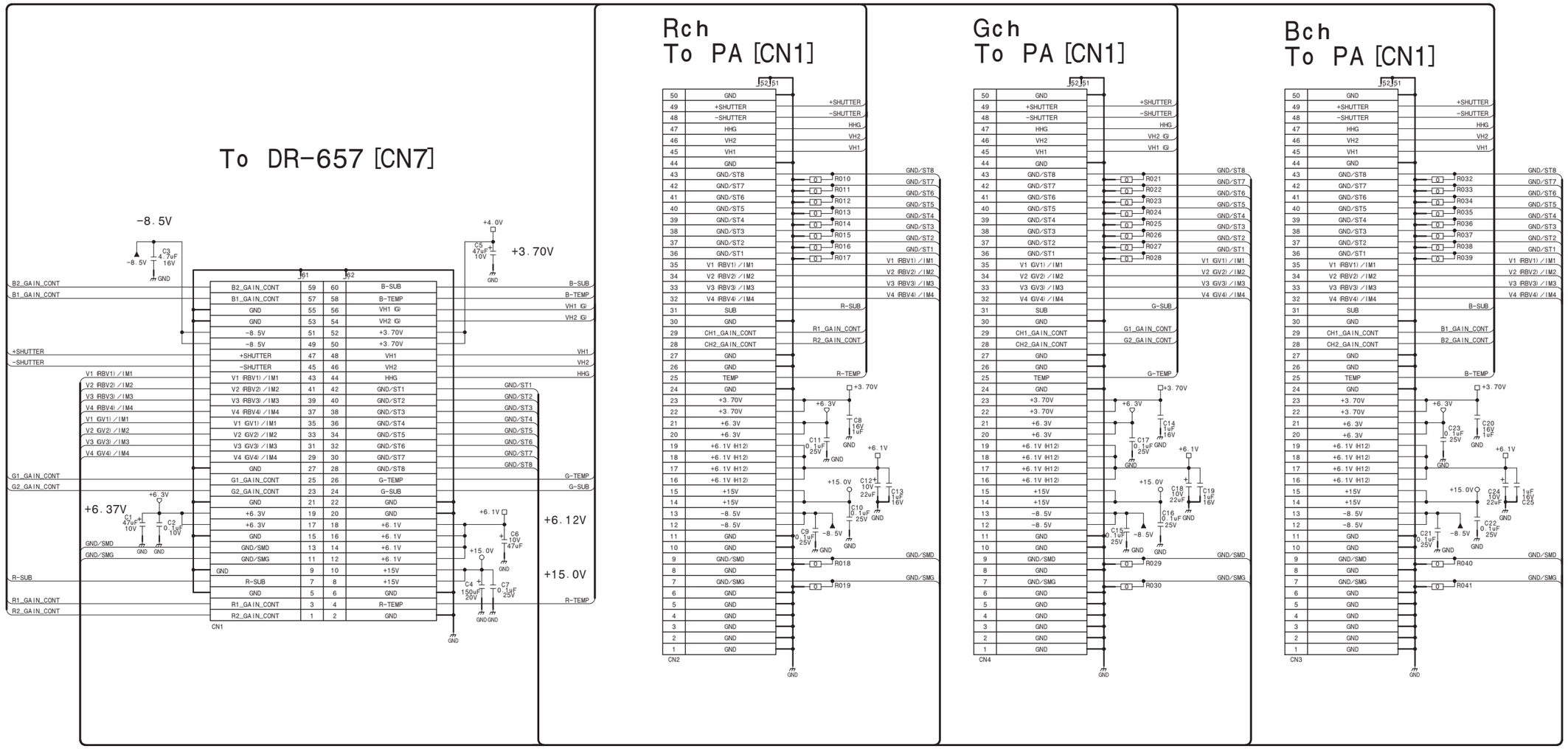
DR-657_1

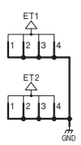


DR-663

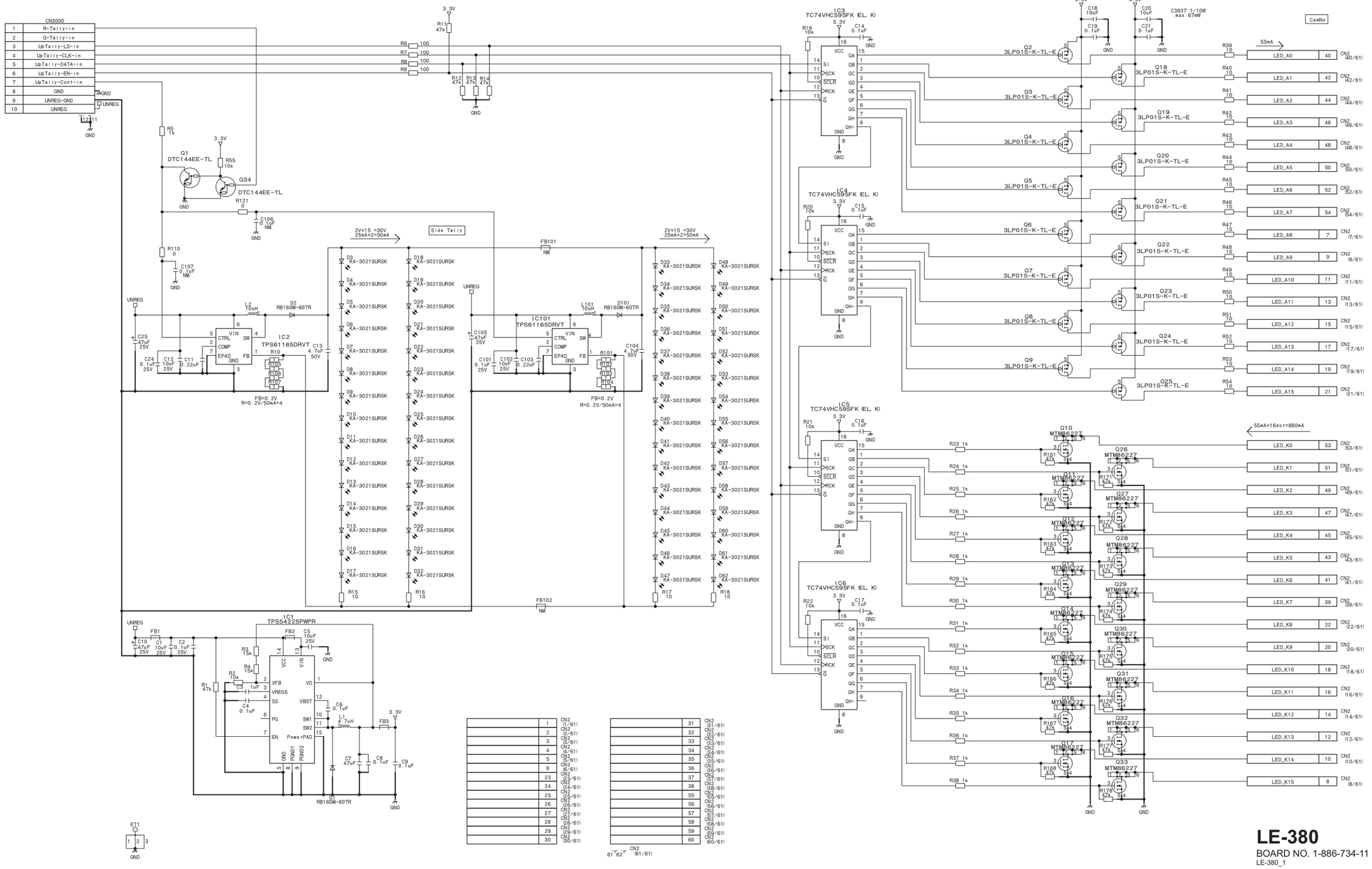
BOARD NO. 1-884-080-13

DR-663_1





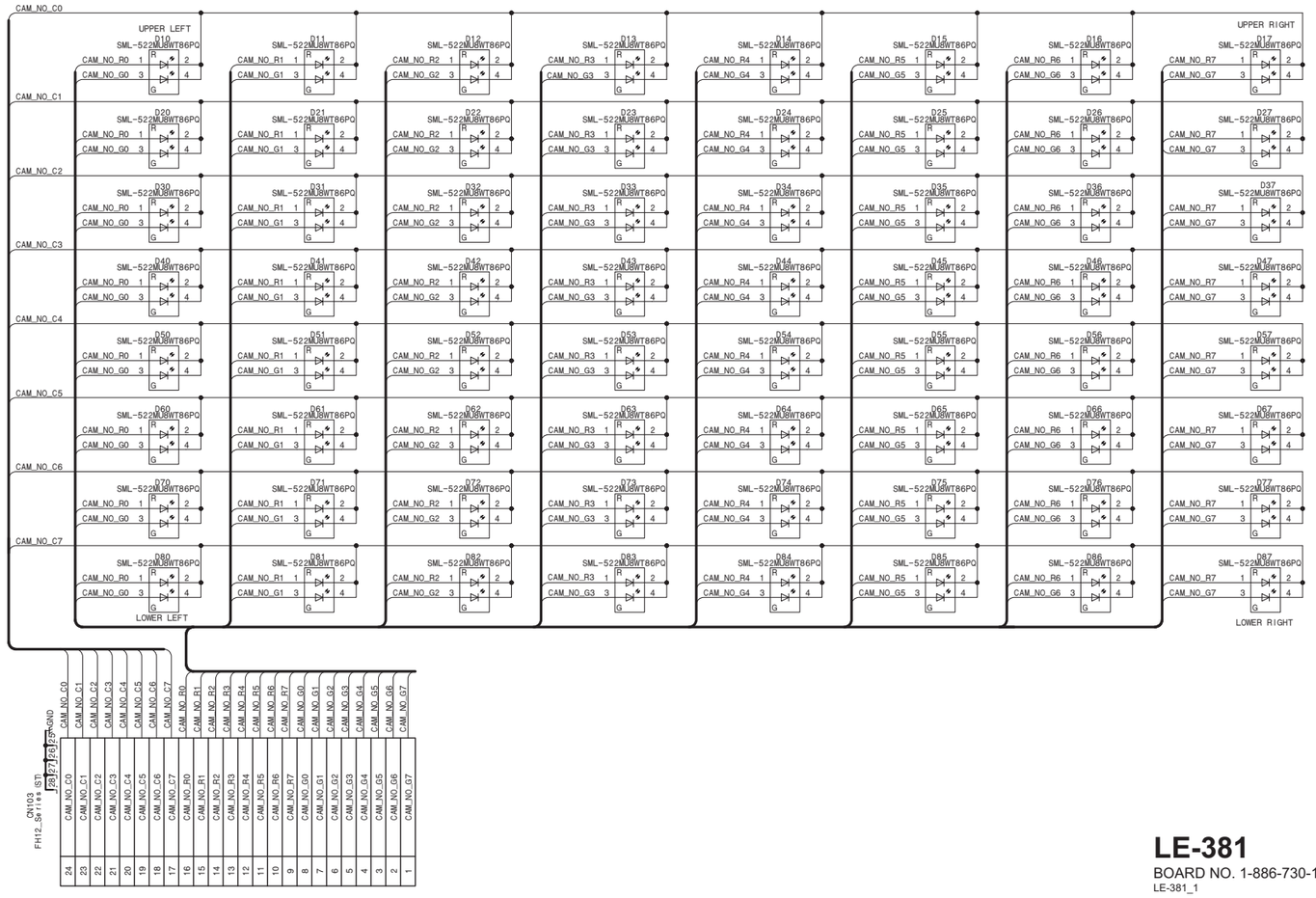
IF-1168
BOARD NO. 1-885-982-11
IF-1168_1



LE-380

BOARD NO. 1-886-734-11

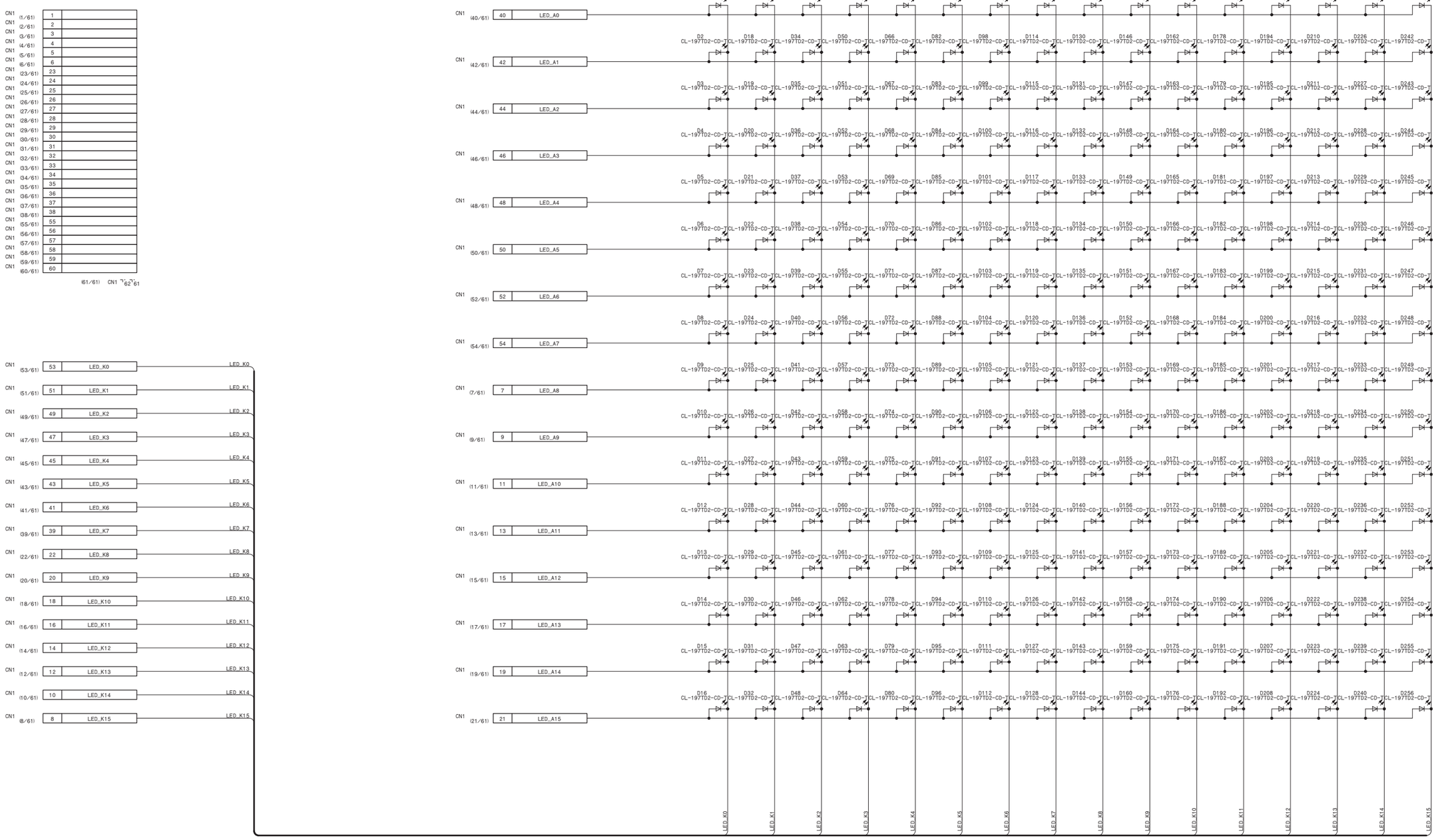
LE-380_1



LE-381

BOARD NO. 1-886-730-11

LE-381_1

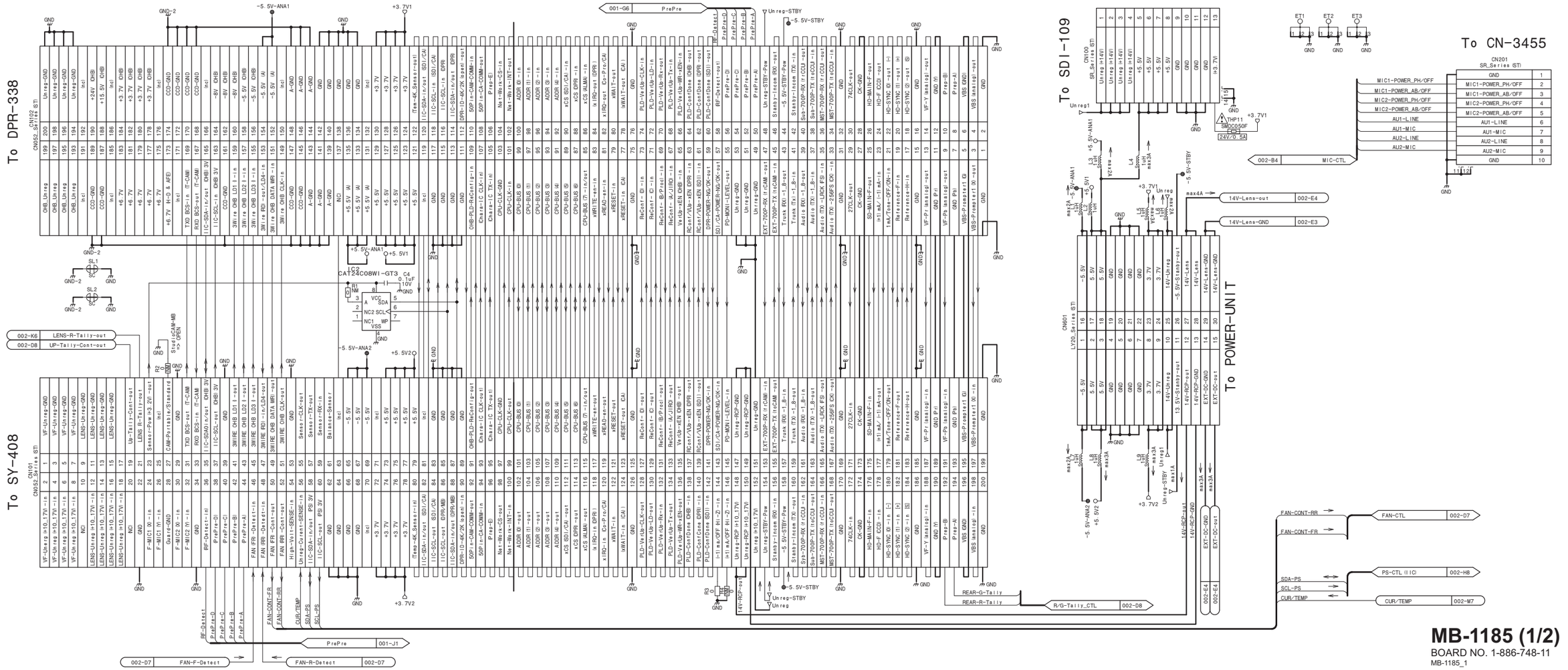


LE-382

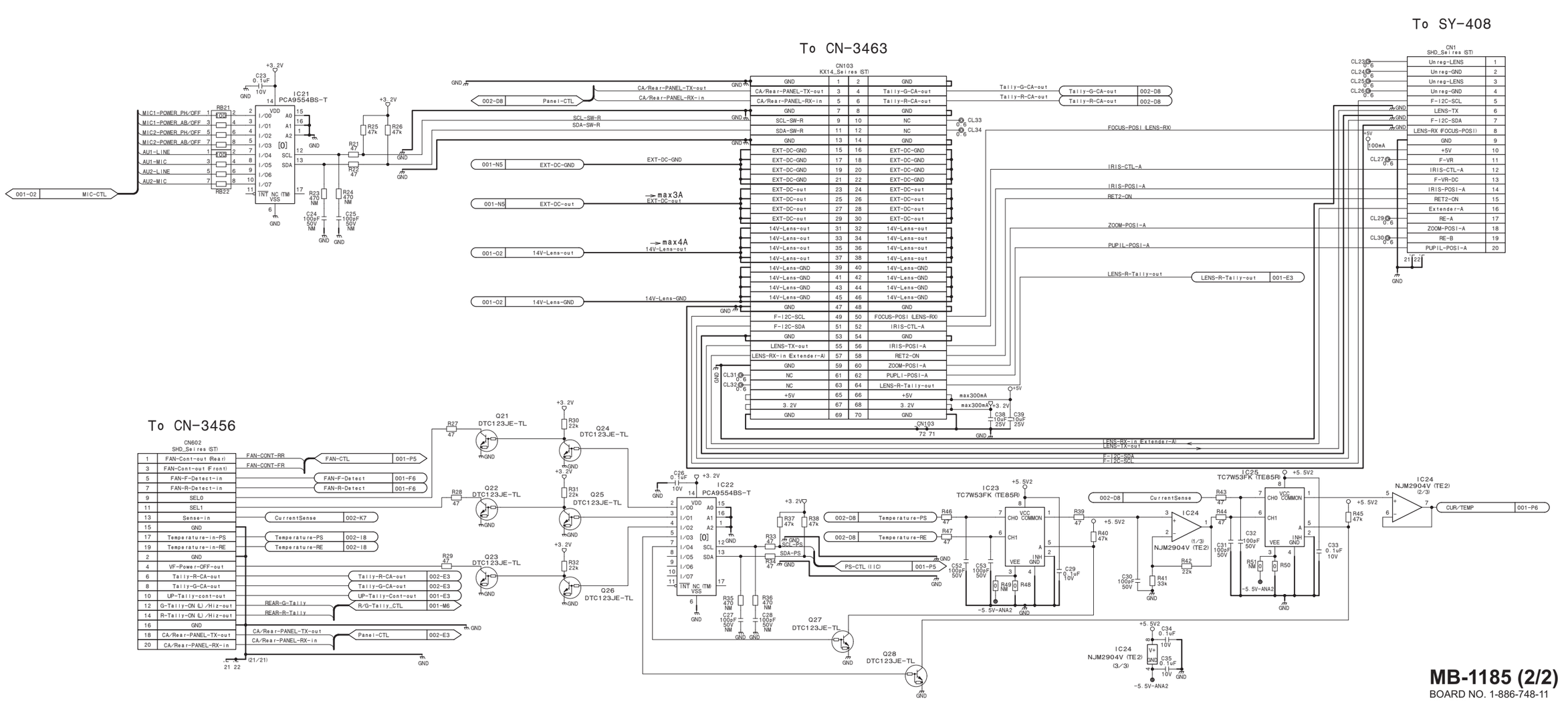
BOARD NO. 1-886-731-11

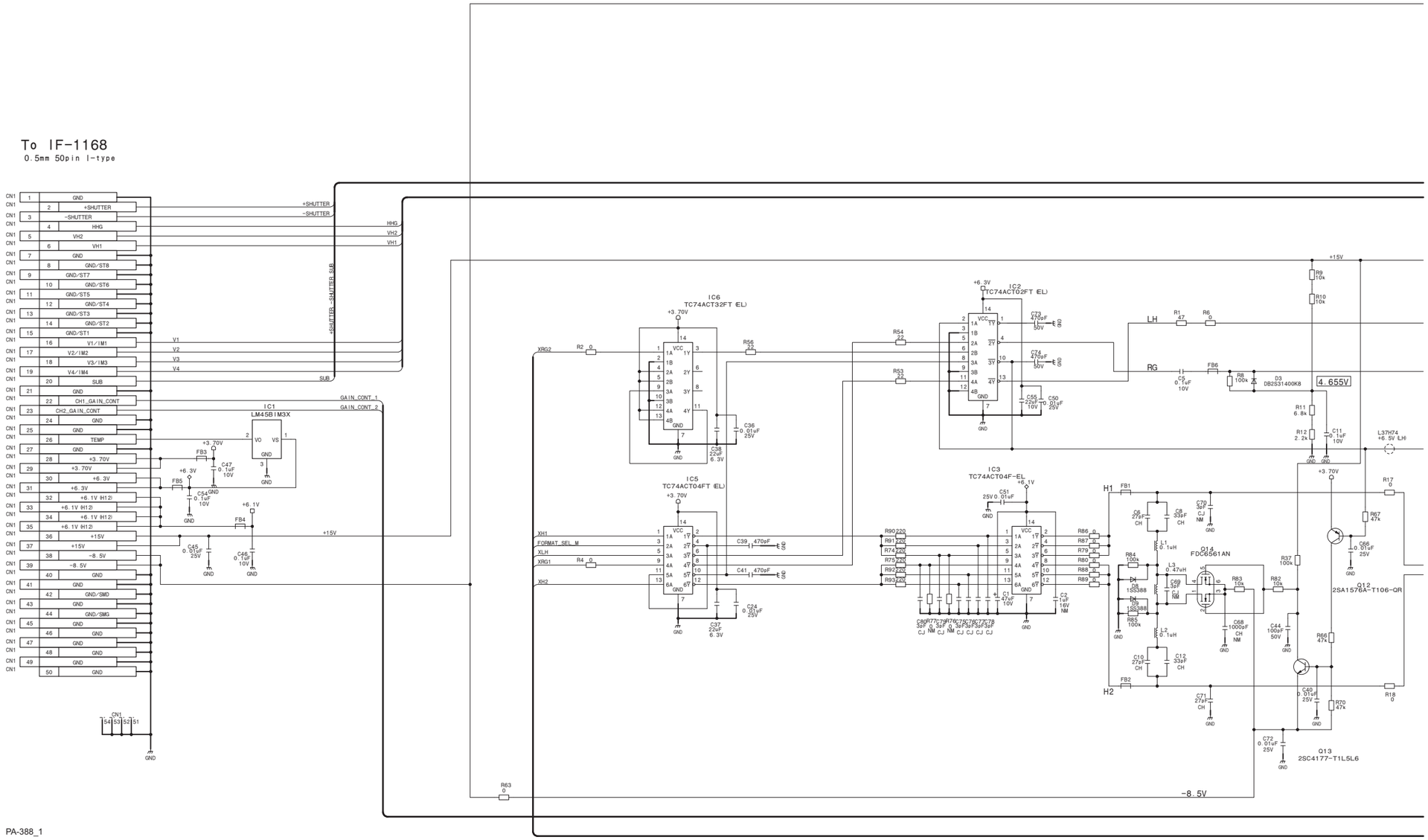
LE-382_1

MB-1185
MB-1185 (1/2)

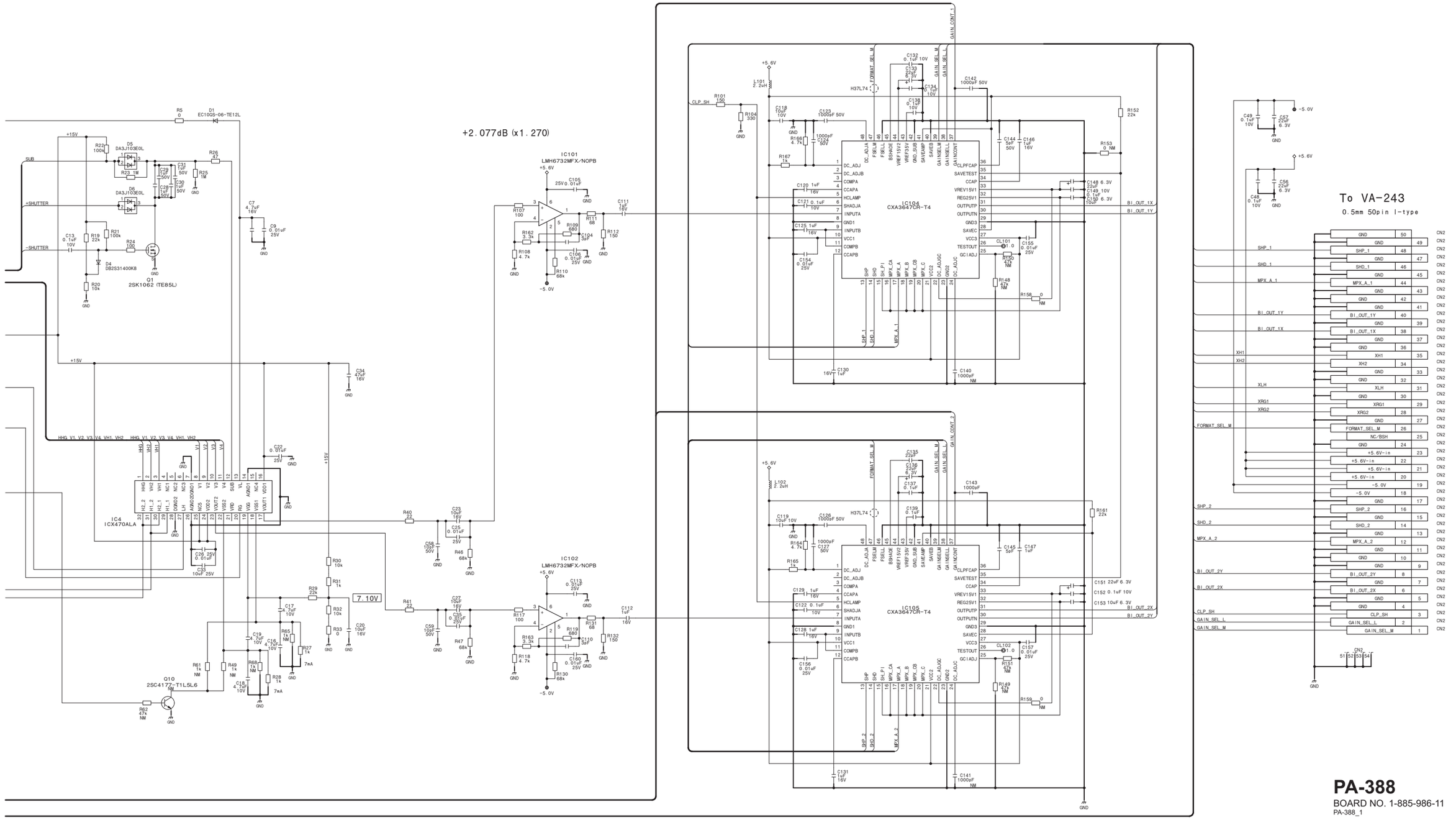


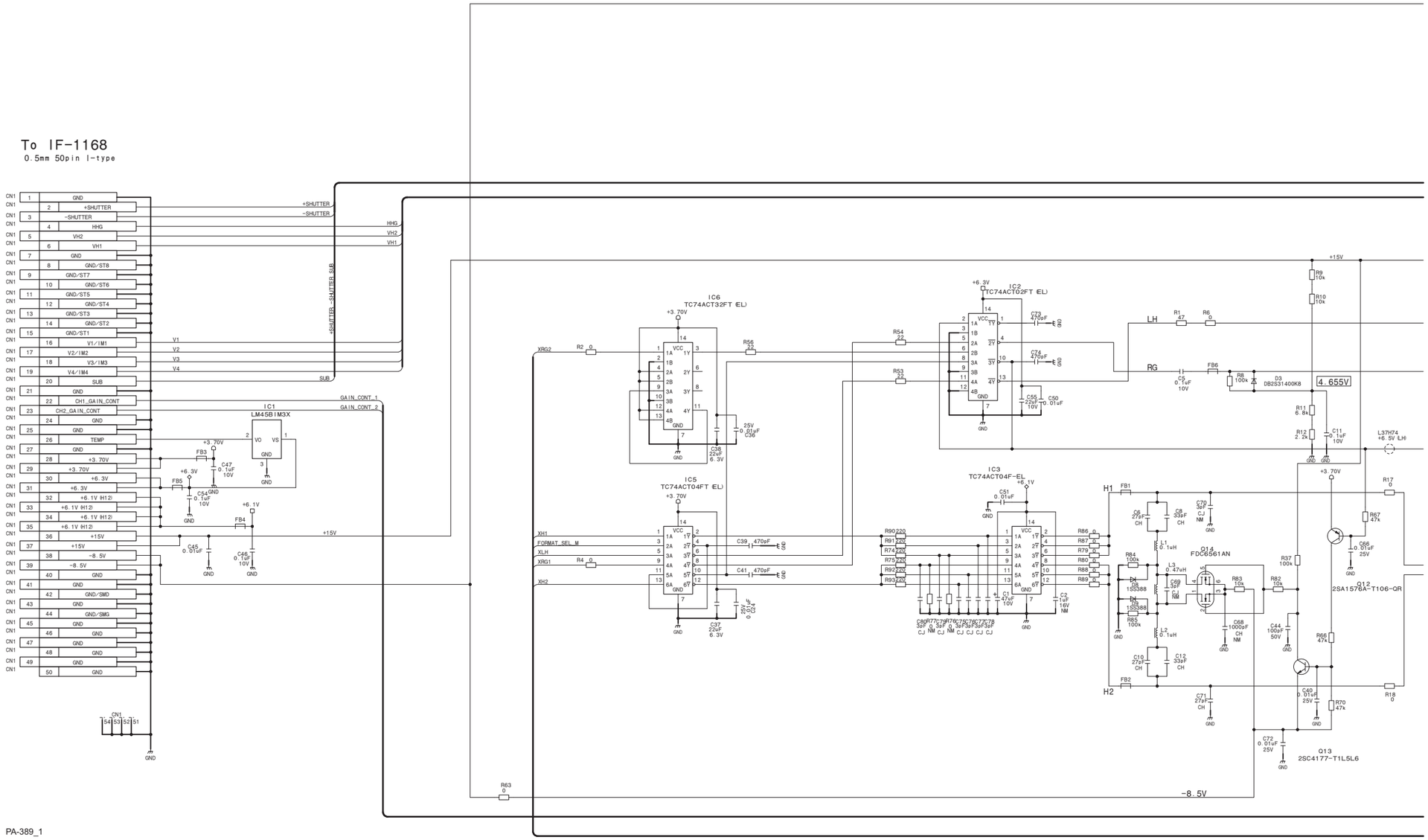
MB-1185 (2/2)


To SY-408
To CN-3463
To CN-3456
CN103
KX14_Series (ST)
CN1
SHD_Series (ST)
CN602
SHD_Series (ST)
IC21
PCA9554BS-T
IC22
PCA9554BS-T
IC23
TC7W53FK (TE85R)
IC24
NJM2904V (TE2)
IC25
TC7W53FK (TE85R)
Q21
DTC123JE-TL
Q22
DTC123JE-TL
Q23
DTC123JE-TL
Q24
DTC123JE-TL
Q25
DTC123JE-TL
Q26
DTC123JE-TL
Q27
DTC123JE-TL
Q28
DTC123JE-TL
MIC-CTL
FAN-CONT-RR
FAN-CONT-FR
FAN-CTL
FAN-F-Detect
FAN-R-Detect
CurrentSense
Temperature-PS
Temperature-RE
Tally-R-CA-out
Tally-G-CA-out
UP-Tally-Cont-out
REAR-G-Tally
REAR-R-Tally
R/G-Tally_CTL
CA/Rear-PANEL-TX-out
CA/Rear-PANEL-RX-in
Panel-CTL
SCL-SW-R
SDA-SW-R
SCL-PS
SDA-PS
PS-CTL (I2C)
EXT-DC-GND
EXT-DC-out
14V-Lens-out
14V-Lens-GND
FOCUS-POSI (LENS-RX)
IRIS-CTL-A
IRIS-POSI-A
RET2-ON
ZOOM-POSI-A
PUPIL-POSI-A
LENS-R-Tally-out
LENS-TX-out
LENS-RX-in Extender-A
F-I2C-SDA
F-I2C-SCL
CUR/TEMP
max3A
max4A
max300mA


To IF-1168
0.5mm 50pin I-type
CN1
GND
+SHUTTER
-SHUTTER
HHG
VH2
VH1
GND/ST8
GND/ST7
GND/ST6
GND/ST5
GND/ST4
GND/ST3
GND/ST2
GND/ST1
V1/IM1
V2/IM2
V3/IM3
V4/IM4
SUB
CH1_GAIN_CONT
CH2_GAIN_CONT
TEMP
+3.70V
+6.3V
+6.1V IH12
+15V
-8.5V
GND/SMD
GND/SMG
+SHUTTER,-SHUTTER,SUB
V1
V2
V3
V4
SUB
GAIN_CONT_1
GAIN_CONT_2
+15V
IC1
LM45BIM3X
VO
VS
GND
FB3
FB5
FB4
C47 0.1uF 10V
C54 0.1uF 10V
C45 0.01uF 25V
C46 0.1uF 10V
CN1 S4 S3 S2 S1
XRG2
R2 0
R56 22
IC6
TC74ACT32FT (EL)
C36 0.01uF 25V
C38 22uF 6.3V
IC5
TC74ACT04FT (EL)
XH1
FORMAT_SEL_M
XLH
XRG1
XH2
R4 0
C39 470pF
C41 470pF
C24 0.01uF 25V
C37 22uF 6.3V
R63 0
R54 22
R53 22
IC2
TC74ACT02FT (EL)
C73 470pF 50V
C74 470pF 50V
C55 22uF 10V
C50 0.01uF 25V
IC3
TC74ACT04F-EL
C51 0.01uF 25V
R90 220
R91 220
R74 220
R75 220
R92 220
R93 220
C80 32P CJ NM
R77 0
C79 0.3pF NM
R76 0
C75 36P CJ
C76 36P CJ
C77 36P CJ
C78 36P CJ
C1 47uF 10V
C2 1uF 16V NM
R86 0
R87 0
R79 0
R80 0
R88 0
R89 0
LH
RG
R1 47
R6 0
C5 0.1uF 10V
FB6
R8 100k
D3 DB2S31400KB
4.655V
+15V
R9 10k
R10 10k
R11 6.8k
R12 2.2k
C11 0.1uF 10V
L37H74 +6.5V (LH)
H1
H2
FB1
FB2
C6 27pF CH
C8 33pF CH
C79 36P CJ NM
L1 0.1uH
L2 0.1uH
L3 0.47uH
Q14 FDC6561AN
R84 100k
D4 1SS388
D5 1SS388
R85 100k
C69 36P NM
R83 10k
C68 1000pF CH NM
C10 27pF CH
C12 33pF CH
C71 27pF CH
R17 0
R67 47k
C66 0.01uF 25V
R37 100k
R82 10k
Q12 2SA1576A-T106-QR
C44 100uF 50V
R66 47k
C40 0.01uF 25V
R70 47k
R18 0
C72 0.01uF 25V
Q13 2SC4177-T1L5L6
-8.5V

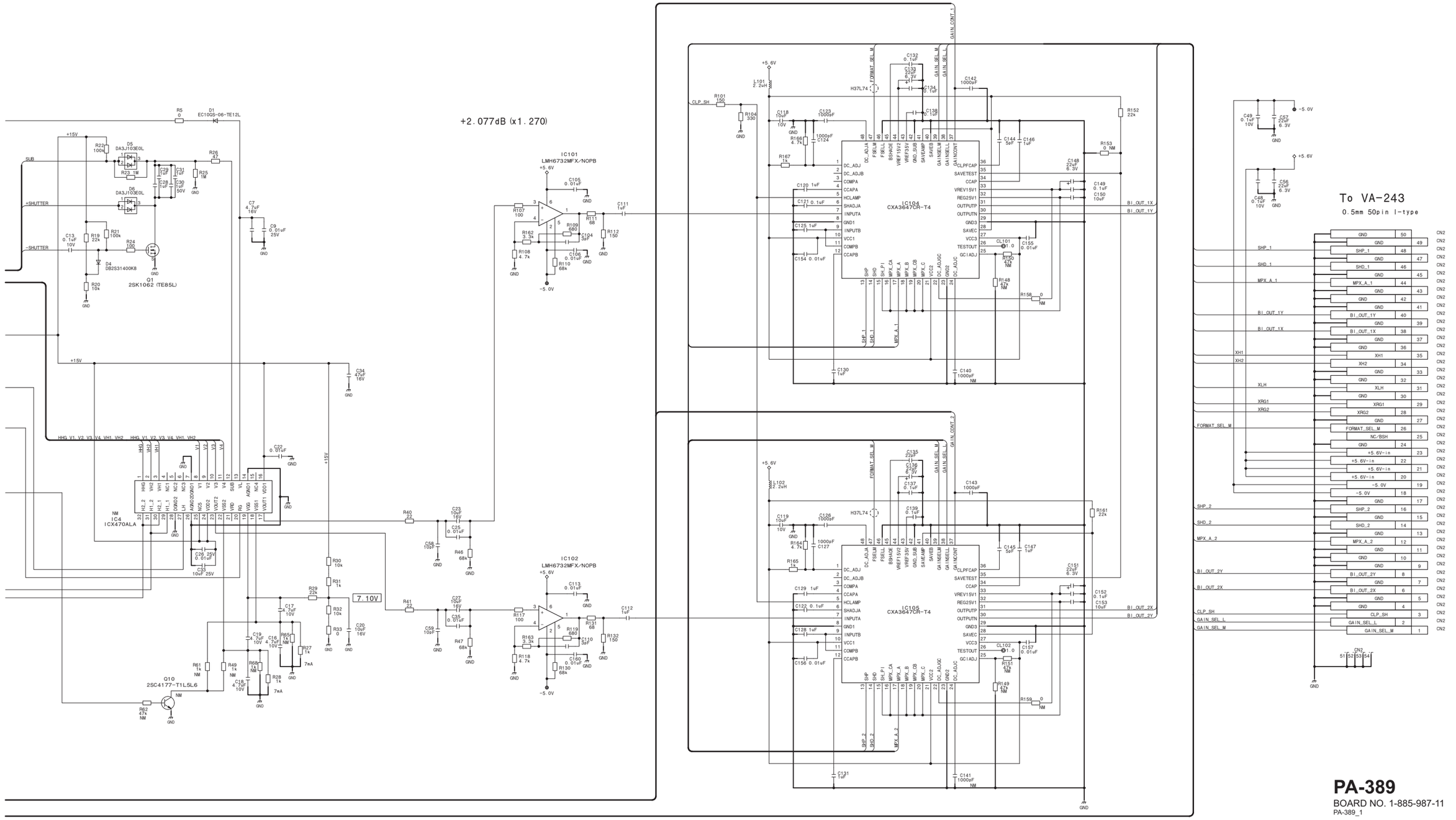
PA-388_1


+2.077dB (x1.270)
IC101
LMH6732MFX/NOPB
IC102
LMH6732MFX/NOPB
IC104
CXA3647CR-T4
IC105
CXA3647CR-T4
IC4
ICX470ALA
Q1
2SK1062 (TE85L)
Q10
2SC4177-T1L5L6
7.10V
To VA-243
0.5mm 50pin I-type
CN2
PA-388
BOARD NO. 1-885-986-11
PA-388_1


To IF-1168
0.5mm 50pin I-type
CN1
GND
+SHUTTER
-SHUTTER
HHG
VH2
VH1
GND/ST8
GND/ST7
GND/ST6
GND/ST5
GND/ST4
GND/ST3
GND/ST2
GND/ST1
V1/IM1
V2/IM2
V3/IM3
V4/IM4
SUB
CH1_GAIN_CONT
CH2_GAIN_CONT
TEMP
+3.70V
+6.3V
+6.1V IH12
+15V
-8.5V
GND/SMD
GND/SMG
+SHUTTER,-SHUTTER,SUB
V1
V2
V3
V4
SUB
GAIN_CONT_1
GAIN_CONT_2
+15V
IC1
LM45BIM3X
VO
VS
GND
FB3
FB5
FB4
C47 0.1uF 10V
C54 0.1uF 10V
C45 0.01uF
C46 0.1uF 10V
CN1 54 53 52 51
IC6
TC74ACT32FT (EL)
IC5
TC74ACT04FT (EL)
IC2
TC74ACT02FT (EL)
IC3
TC74ACT04F-EL
XRG2
R2 0
R56 22
XH1
FORMAT_SEL_M
XLH
XRG1
R4 0
XH2
C39 470pF
C41 470pF
C38 22uF 6.3V
C37 22uF 6.3V
25V 0.01uF
C36
R54 22
R53 22
C73 470pF
C74 470pF
C55 22uF
C50 0.01uF 10V
C51 0.01uF
R90 220
R91 220
R74 220
R75 220
R92 220
R93 220
R86 0
R87 0
R79 0
R80 0
R88 0
R89 0
C80 32P CJ
R77 0.3pF NM
R76 0.3pF NM
C75 C77 C78 36P CJ 36P CJ 36P CJ
C1 47uF 10V
C2 1uF 16V NM
LH
RG
R1 47
R6 0
C5 0.1uF 10V
FB6
R8 100k
D3 DB2S31400K8
4.655V
R9 10k
R10 10k
R11 6.8k
R12 2.2k
C11 0.1uF 10V
L37H74 +6.5V (LH)
H1
H2
FB1
FB2
C6 27pF CH
C8 33pF CH
C79 36P CJ NM
L1 0.1uH
R84 100k
D4 1SS388
D5 1SS388
R85 100k
L3 0.47uH
C69 33P NM
Q14 FDC6561AN
R83 10k
C68 1000pF CH NM
L2 0.1uH
C10 27pF CH
C12 33pF CH
C71 27pF CH
R82 10k
R37 100k
C44 100uF 50V
R66 47k
R67 47k
C66 0.01uF 25V
Q12 2SA1576A-T106-QR
R17 0
R18 0
R70 47k
C40 0.01uF 25V
C72 0.01uF 25V
Q13 2SC4177-T1L5L6
R63 0
-8.5V

PA-389_1

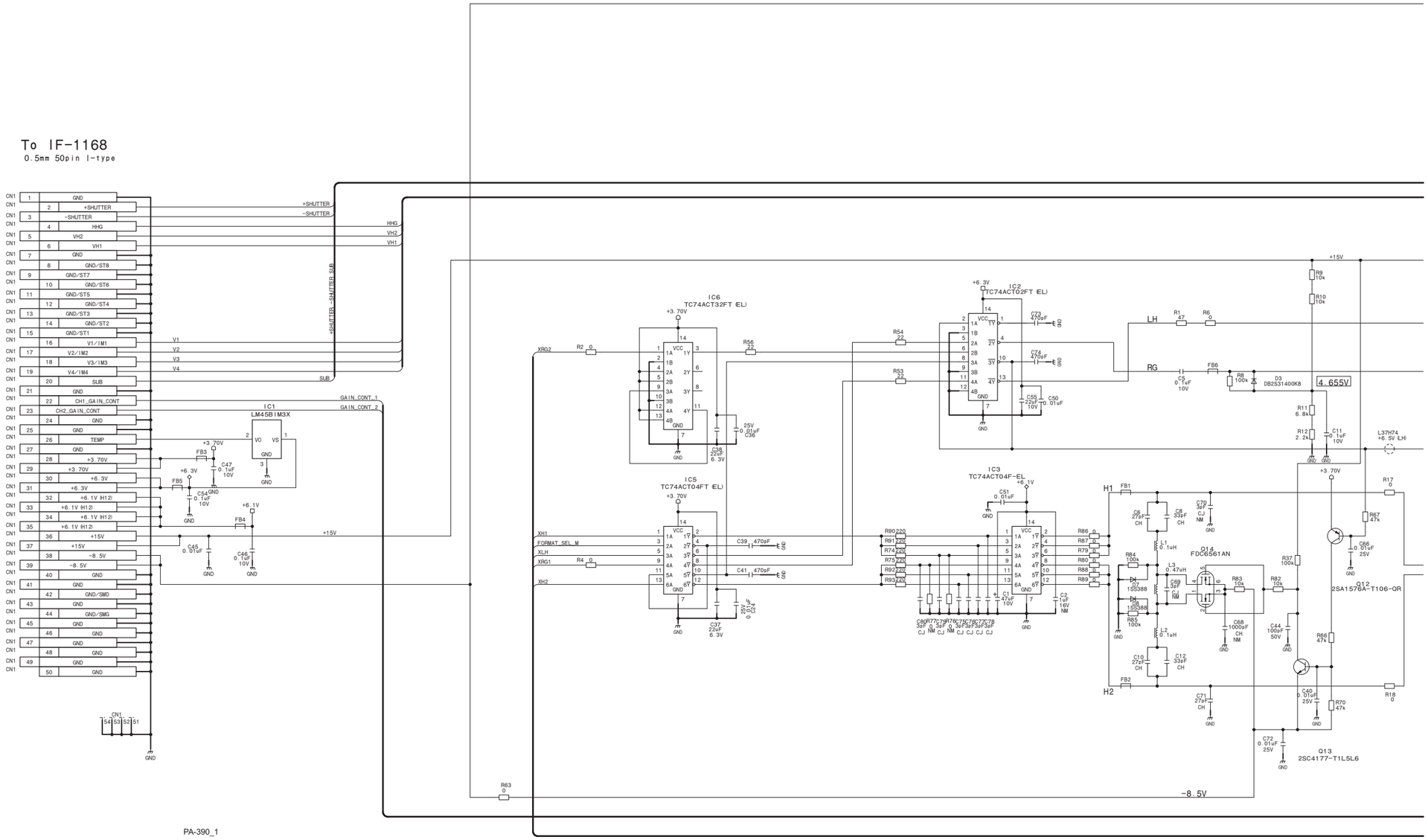
+2.077dB (x1.270)

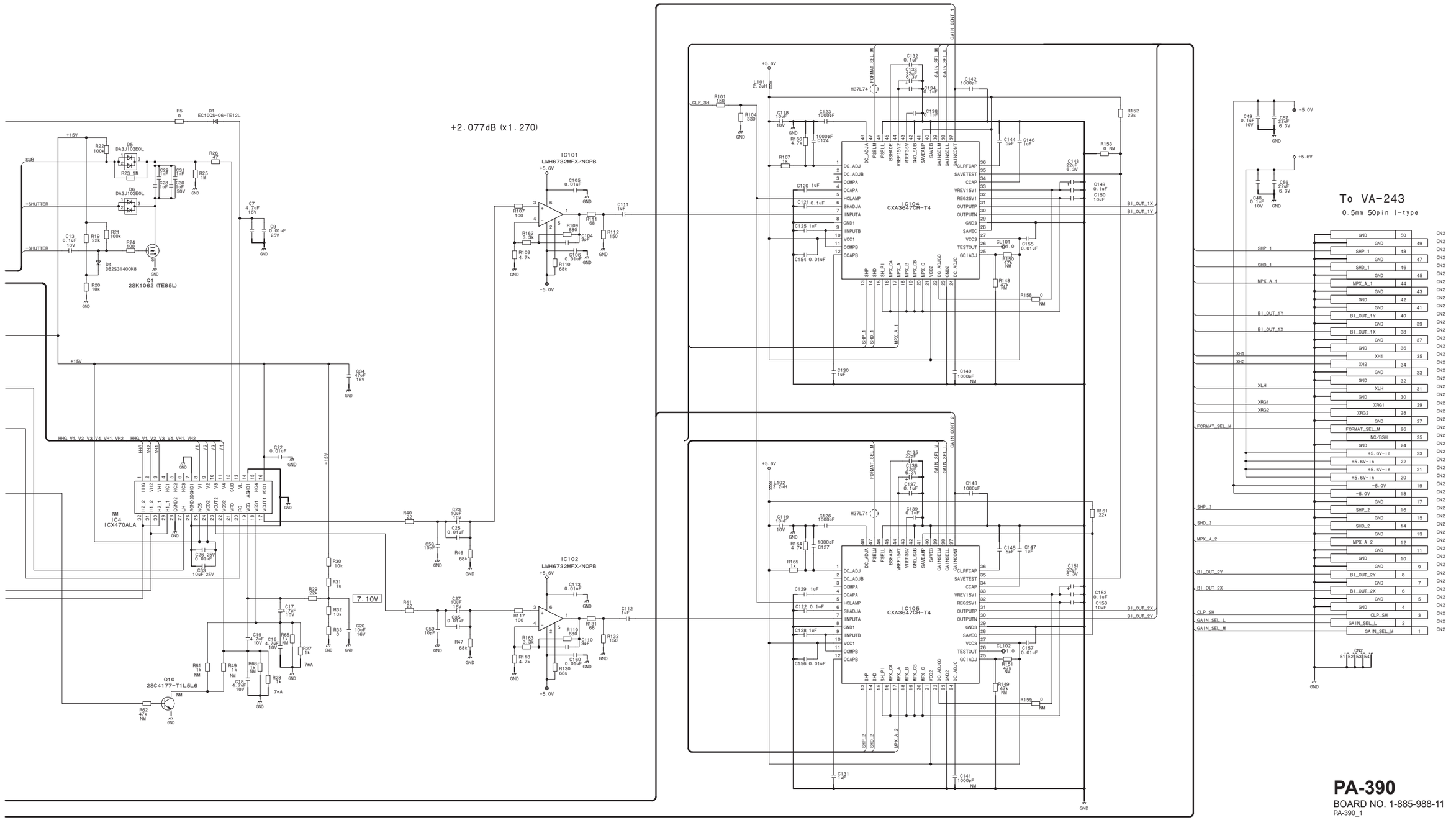


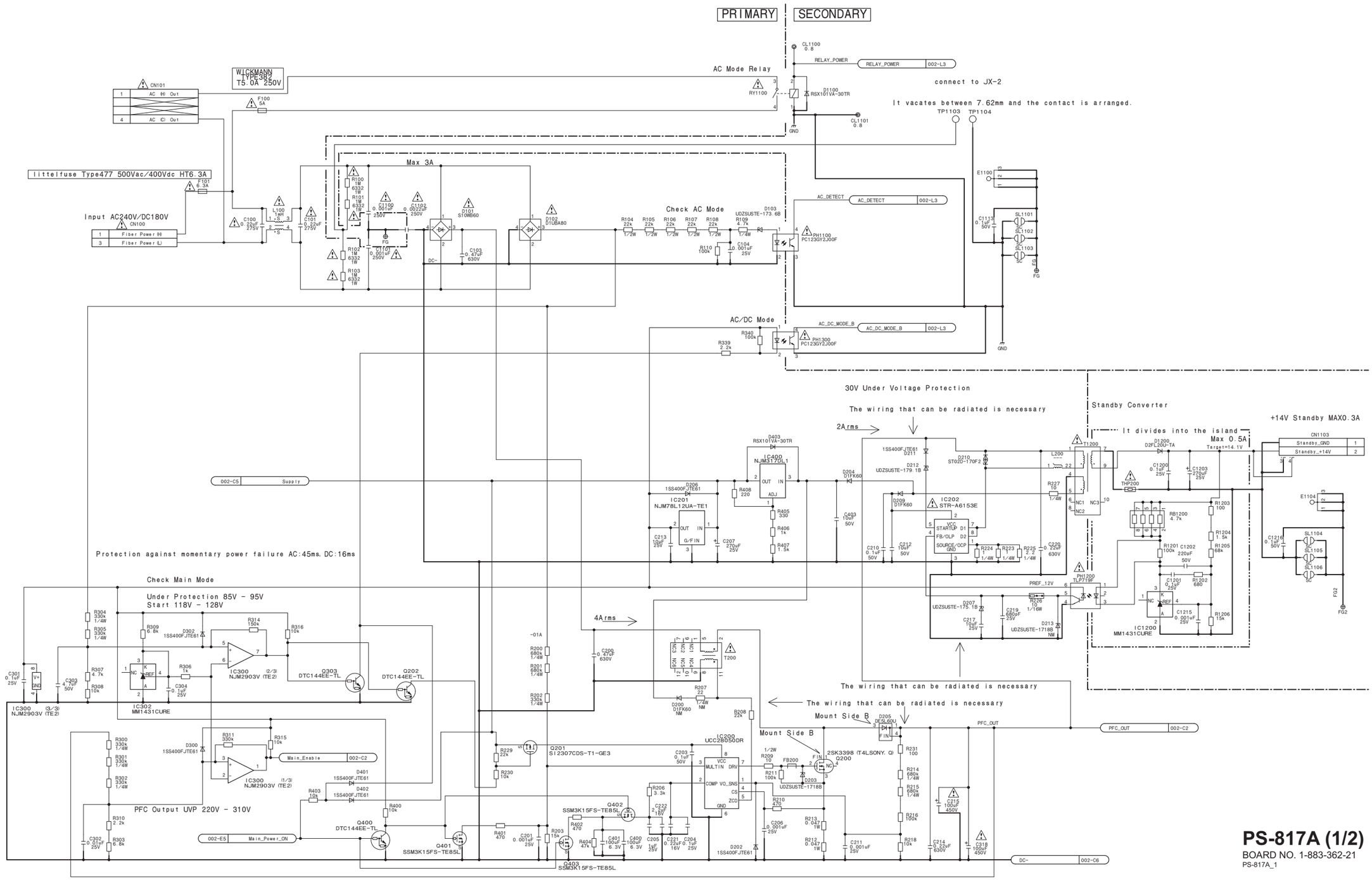
PA-389

BOARD NO. 1-885-987-11

PA-389_1

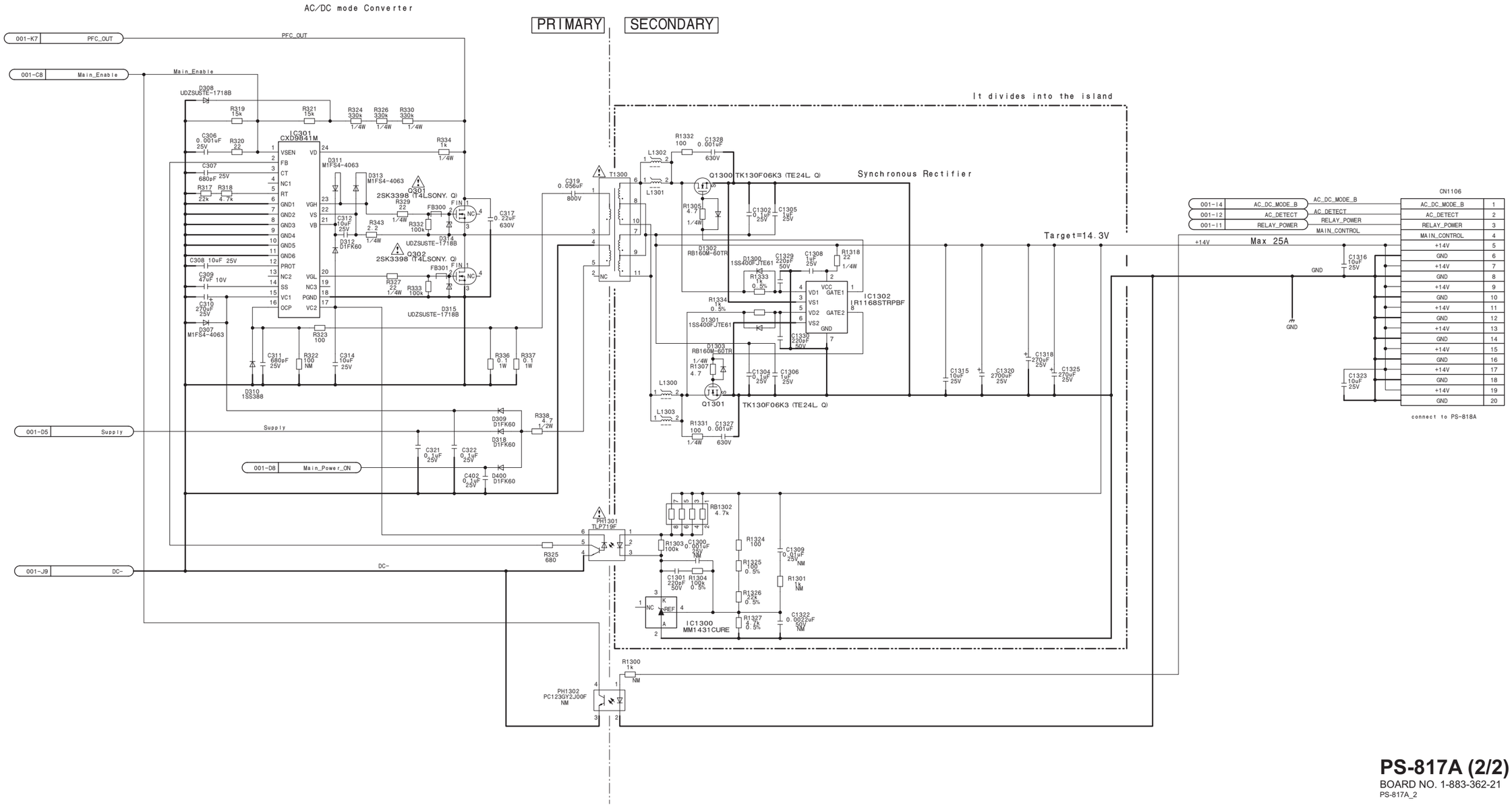

To IF-1168
0.5mm 50pin I-type
CN1
GND
+SHUTTER
-SHUTTER
HHG
VH2
VH1
GND/ST8
GND/ST7
GND/ST6
GND/ST5
GND/ST4
GND/ST3
GND/ST2
GND/ST1
V1/IM1
V2/IM2
V3/IM3
V4/IM4
SUB
CH1_GAIN_CONT
CH2_GAIN_CONT
TEMP
+3.70V
+6.3V
+6.1V IH12
+15V
-8.5V
GND/SMD
GND/SMG
+SHUTTER,-SHUTTER,SUB
V1
V2
V3
V4
SUB
GAIN_CONT_1
GAIN_CONT_2
+15V
IC1
LM45BIM3X
VO
VS
GND
FB3
FB5
FB4
C47 0.1uF 10V
C54 0.1uF 10V
C46 0.1uF 10V
C45 0.01uF
IC6
TC74ACT32FT (EL)
IC5
TC74ACT04FT (EL)
IC2
TC74ACT02FT (EL)
IC3
TC74ACT04F-EL
XRG2
R2 0
R56 22
XH1
FORMAT_SEL_M
XLH
XRG1
R4 0
XH2
C39 470pF
C41 470pF
C37 22uF 6.3V
C38 22uF 6.3V
25V 0.01uF C36
R54 22
R53 22
C73 470pF
C74 470pF
C55 22uF
C50 0.01uF 10V
C51 0.01uF
R90 220
R91 220
R74 220
R75 220
R92 220
R93 220
R86 0
R87 0
R79 0
R80 0
R88 0
R89 0
C80 32P CJ NM
C77 0.3pF NM
C78 0.3pF NM
C76 CJ
C75 CJ
C79 33pF CJ
C1 47uF 10V
C2 1uF 16V NM
LH
RG
H1
H2
R1 47
R6 0
C5 0.1uF 10V
FB6
R8 100k
D3 DB2S31400KB
4.655V
+15V
R9 10k
R10 10k
R11 6.8k
R12 2.2k
C11 0.1uF 10V
L37H74 +6.5V (LH)
R17 0
R67 47k
C66 0.01uF 25V
R37 100k
R82 10k
R66 47k
C44 100uF 50V
C40 0.01uF 25V
R70 47k
R18 0
C72 0.01uF 25V
FB1
FB2
C6 27pF CH
C8 33pF CH
C70 33P CJ NM
L1 0.1uH
L2 0.1uH
L3 0.47uH
R84 100k
R85 100k
D4 1SS388
D5 1SS388
C69 33P NM
R83 10k
C68 1000pF CH NM
C10 27pF CH
C12 33pF CH
C71 27pF CH
Q14 FDC6561AN
Q12 2SA1576A-T106-QR
Q13 2SC4177-T1L5L6
R63 0
-8.5V
PA-390_1


+2.077dB (x1.270)
IC101
LMH6732MFX/NOPB
IC104
CXA3647CR-T4
IC105
CXA3647CR-T4
IC102
LMH6732MFX/NOPB
IC4
ICX470ALA
Q1
2SK1062 (TE85L)
Q10
2SC4177-T1L5L6
7.10V
To VA-243
0.5mm 50pin I-type
CN2
PA-390
BOARD NO. 1-885-988-11
PA-390_1



PS-817A (1/2)
BOARD NO. 1-883-362-21
PS-817A_1

PS-817A (2/2)

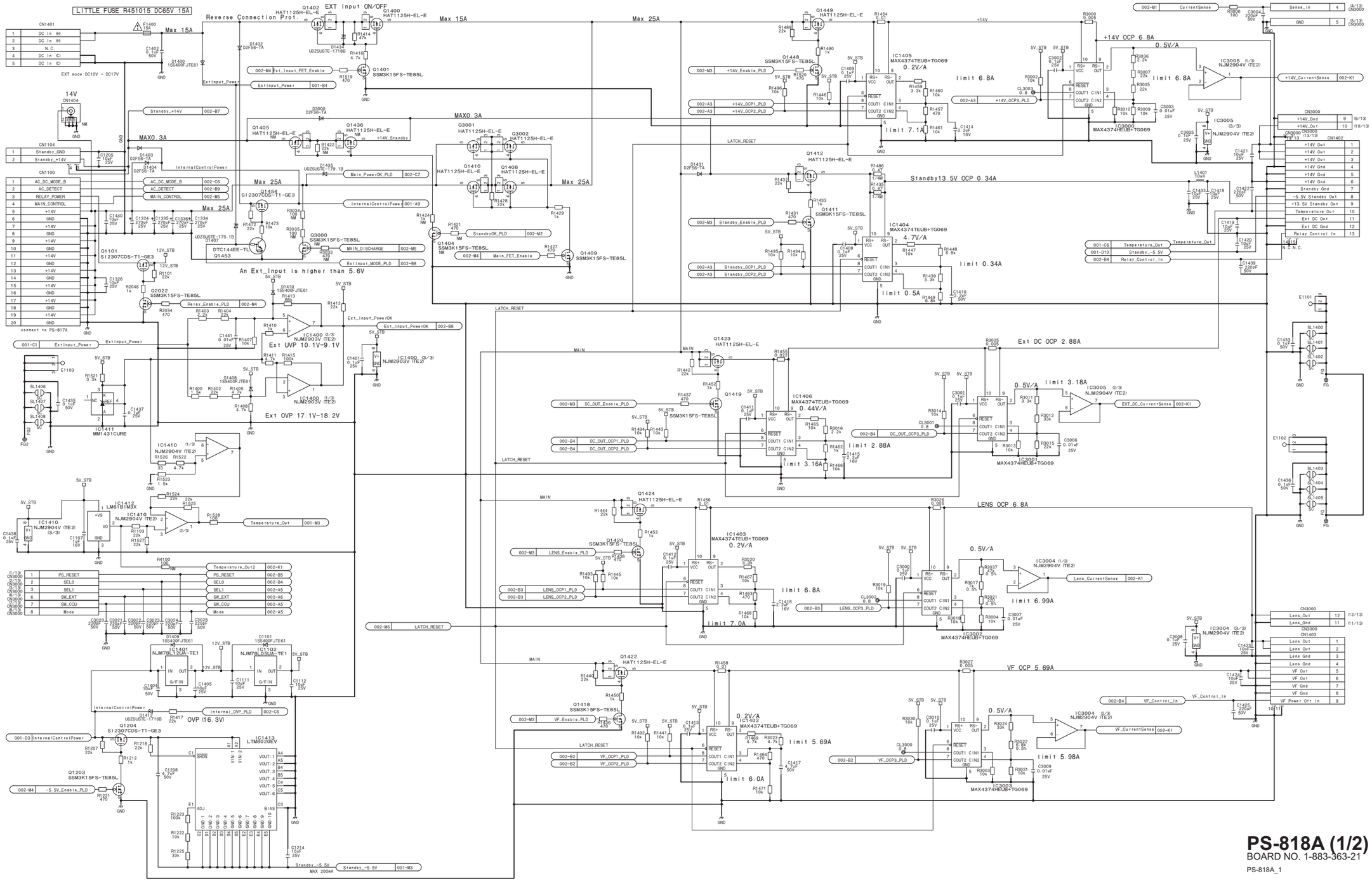


PS-817A (2/2)

BOARD NO. 1-883-362-21

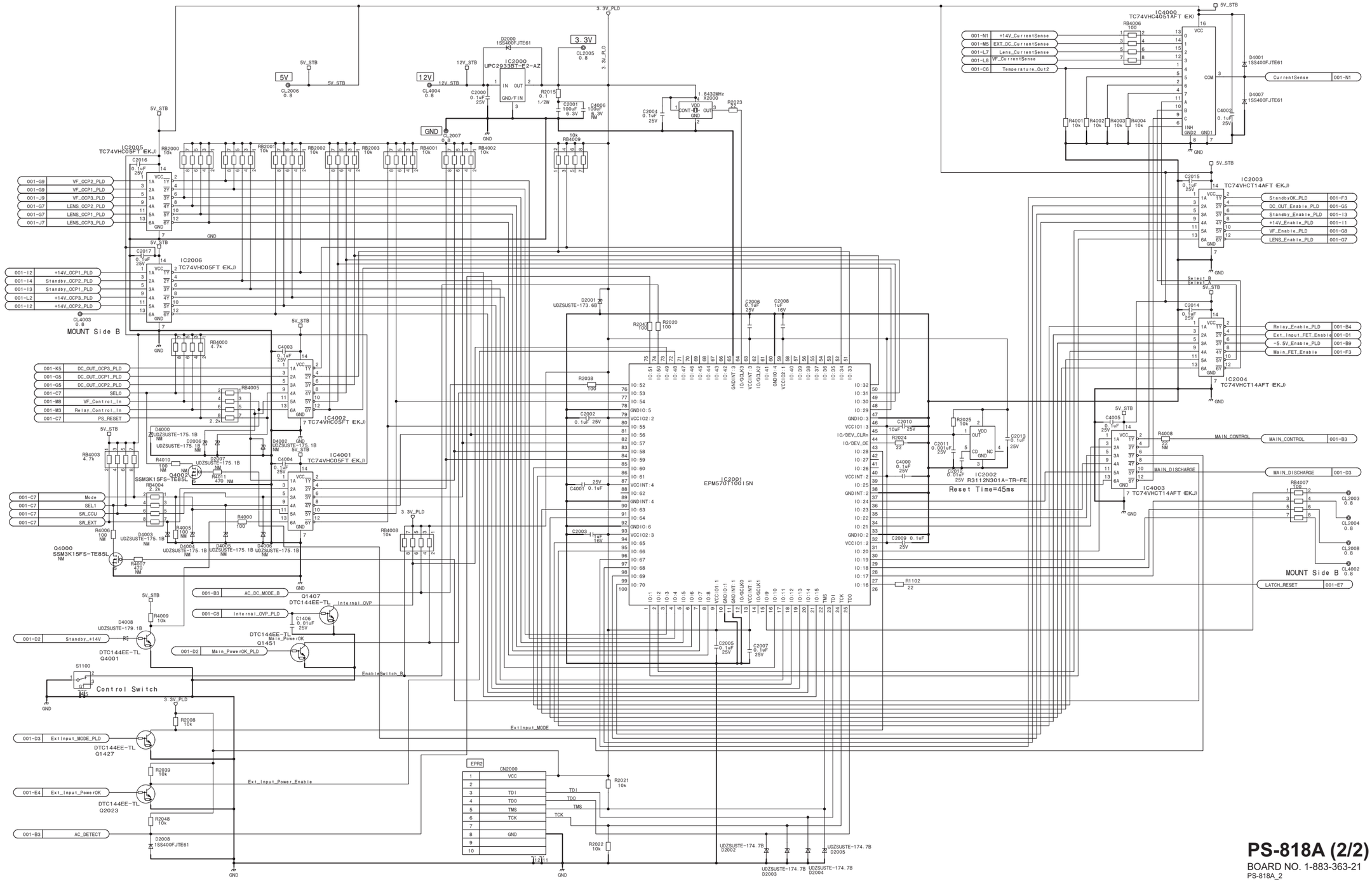
PS-817A_2

PS-818A
PS-818A (1/2)



PS-818A (1/2)
BOARD NO. 1-883-363-21
PS-818A_1

PS-818A (2/2)

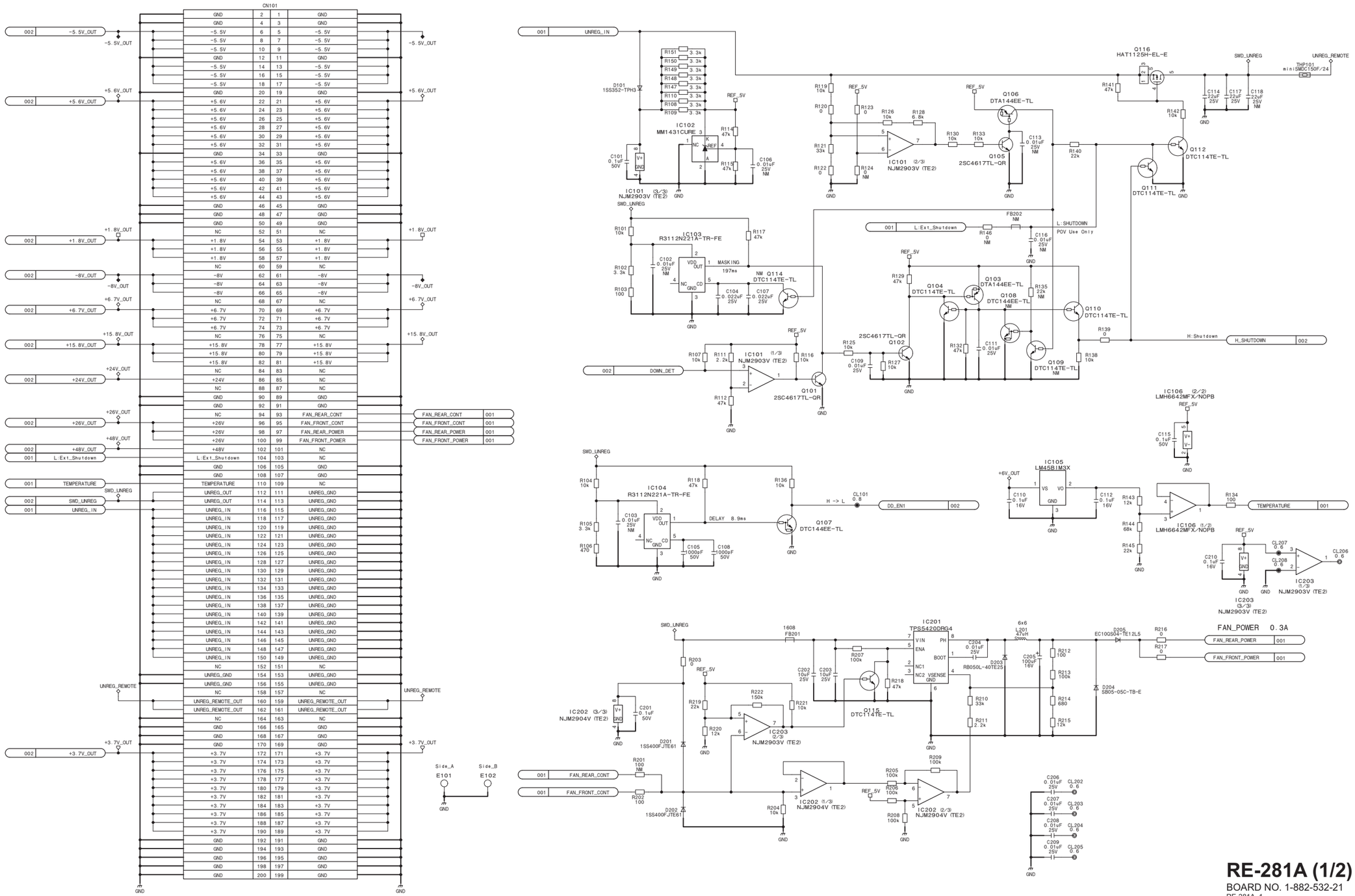


PS-818A (2/2)

BOARD NO. 1-883-363-21

PS-818A_2

RE-281A
RE-281A (1/2)

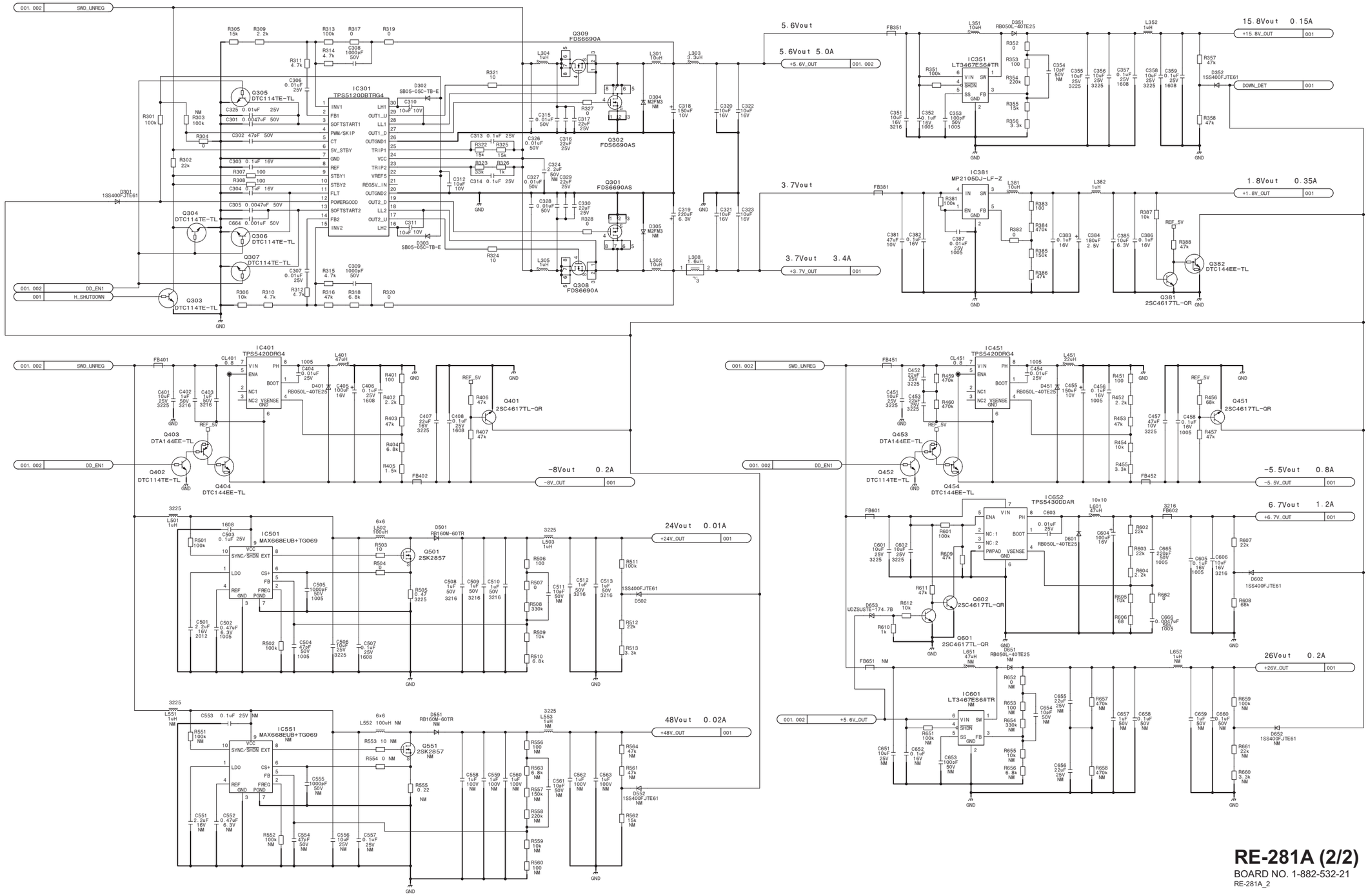


RE-281A (1/2)

BOARD NO. 1-882-532-21

RE-281A_1

RE-281A (2/2)

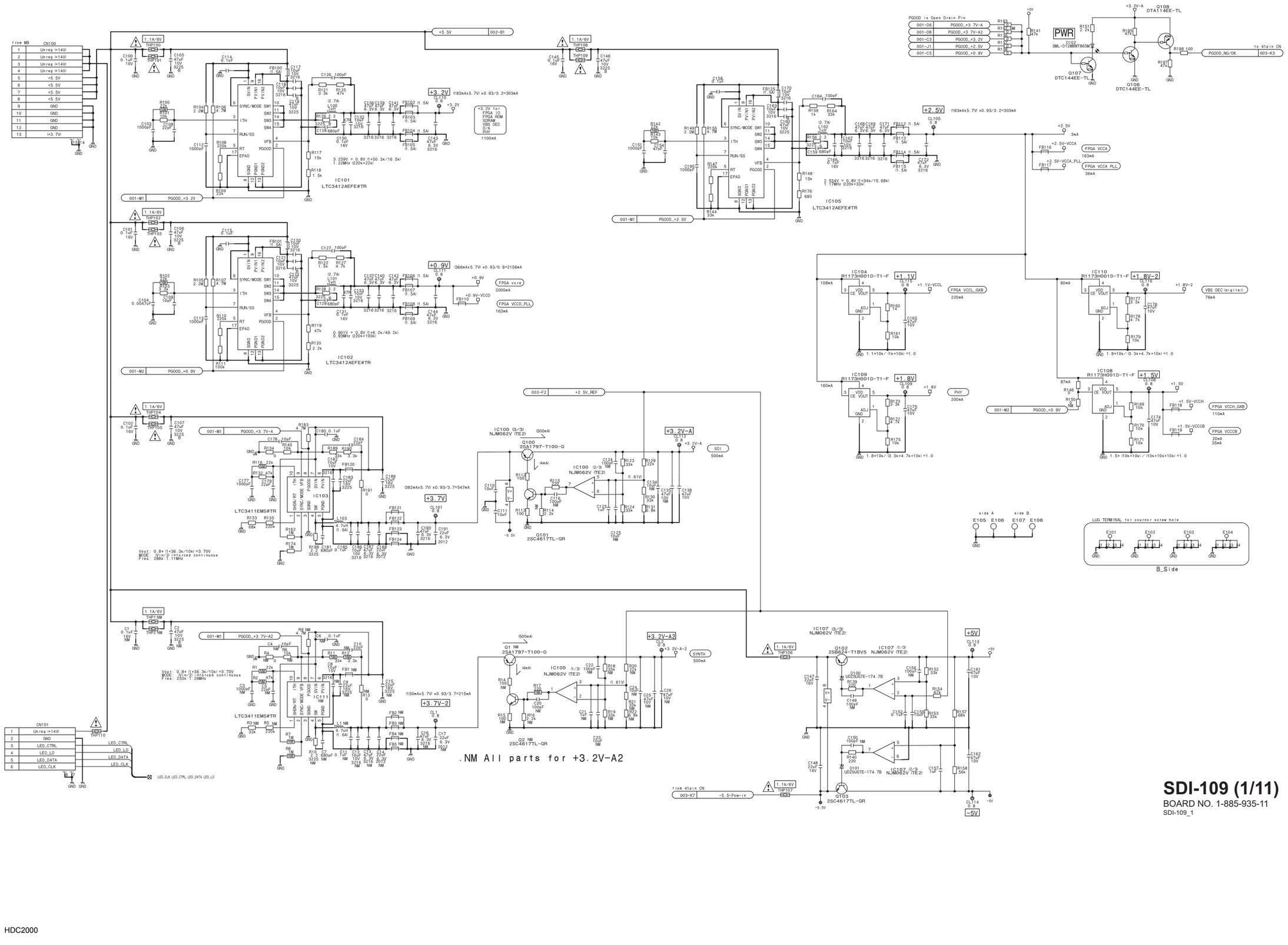


RE-281A (2/2)

BOARD NO. 1-882-532-21

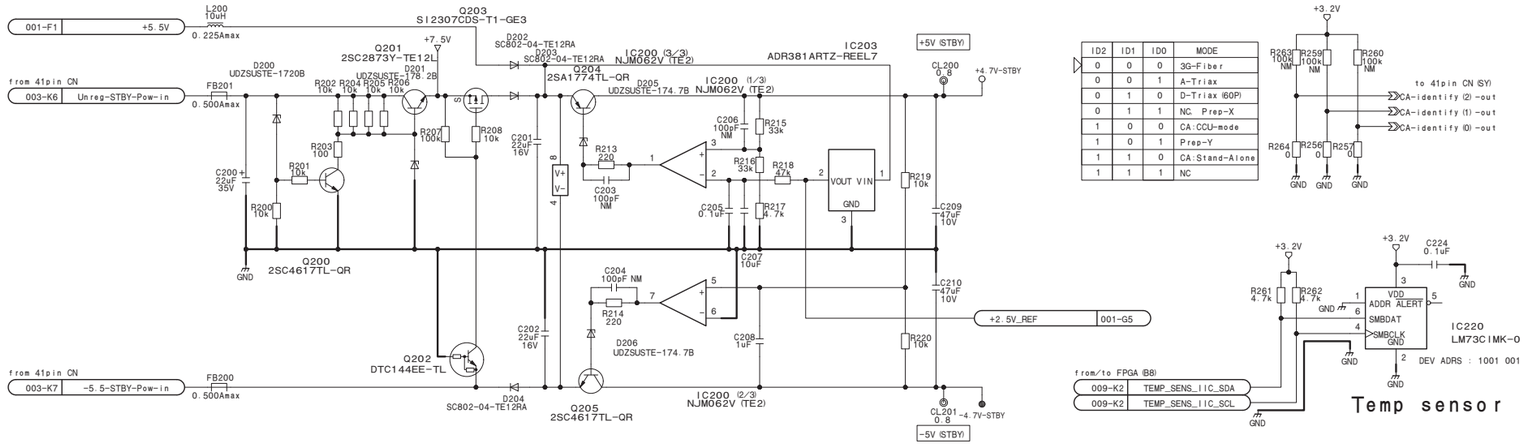
RE-281A_2

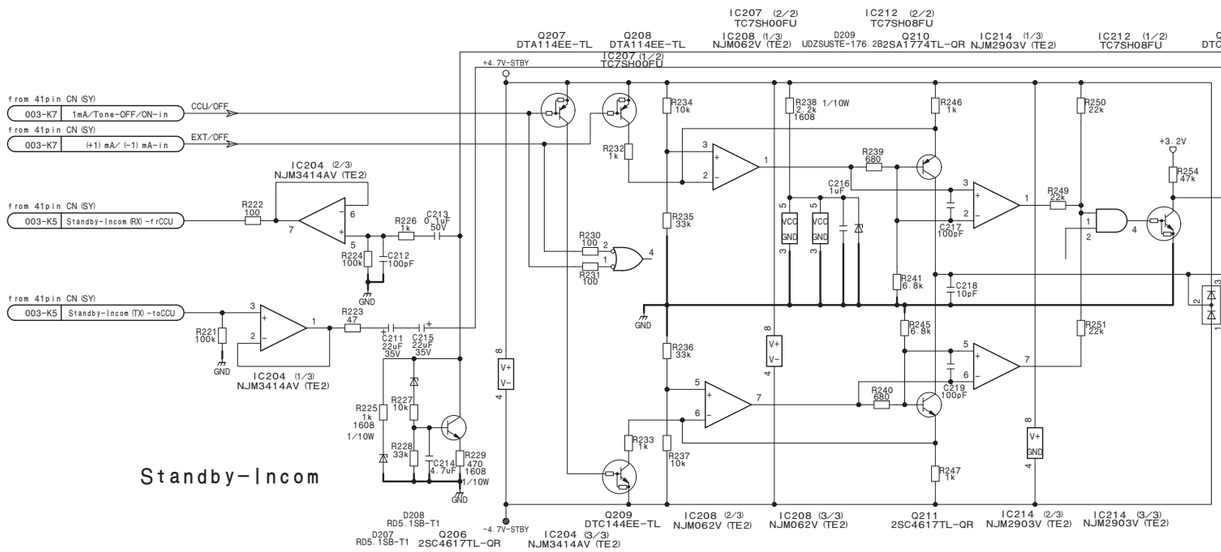
SDI-109
SDI-109 (1/11)



SDI-109 (1/11)
BOARD NO. 1-885-935-11
SDI-109_1

SDI-109 (2/11)





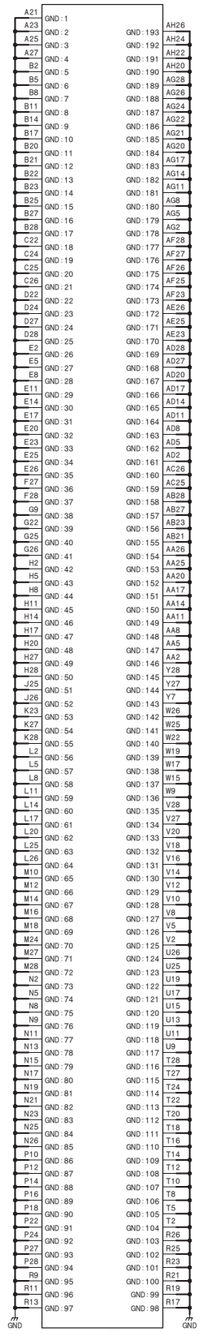
Standby-Incom

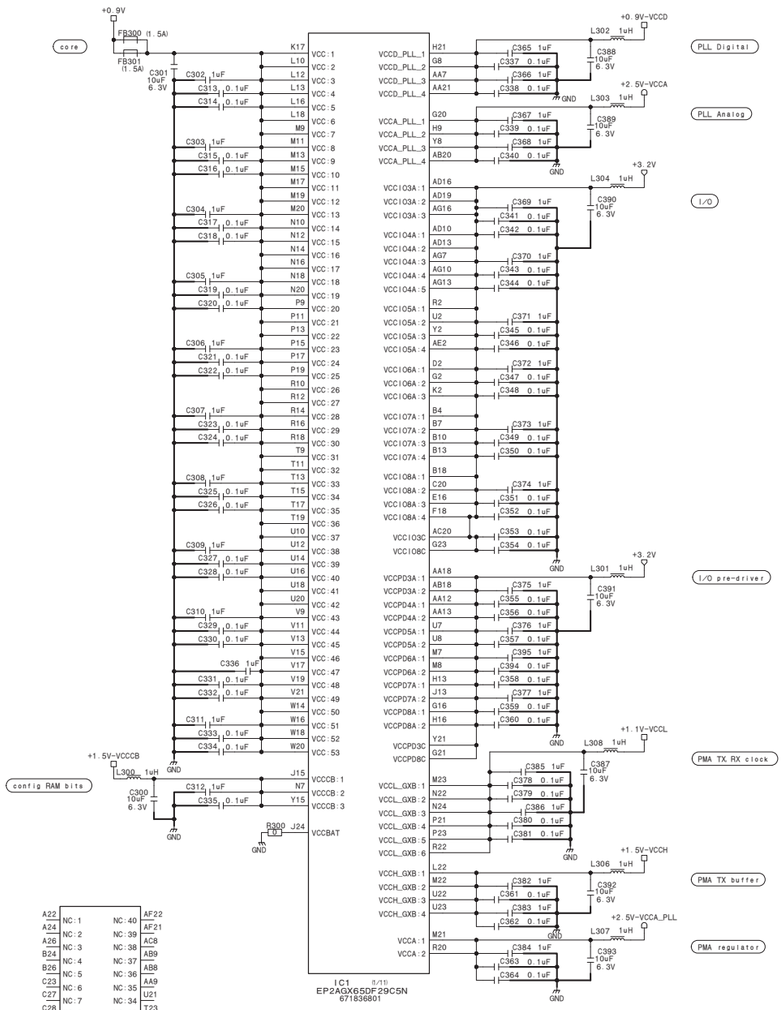
SDI-109 (2/11)

BOARD NO. 1-885-935-11

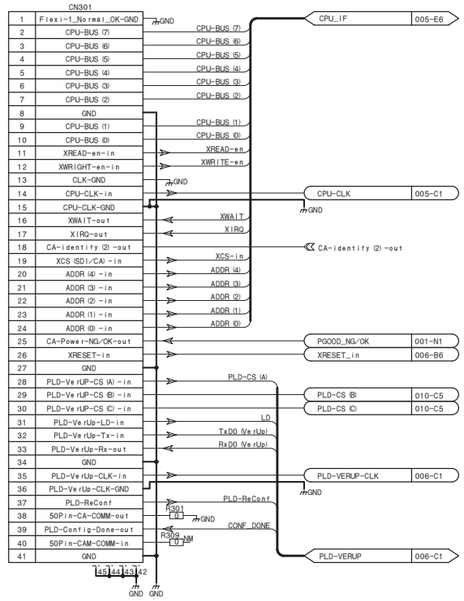
SDI-109_2

SDI-109 (3/11)

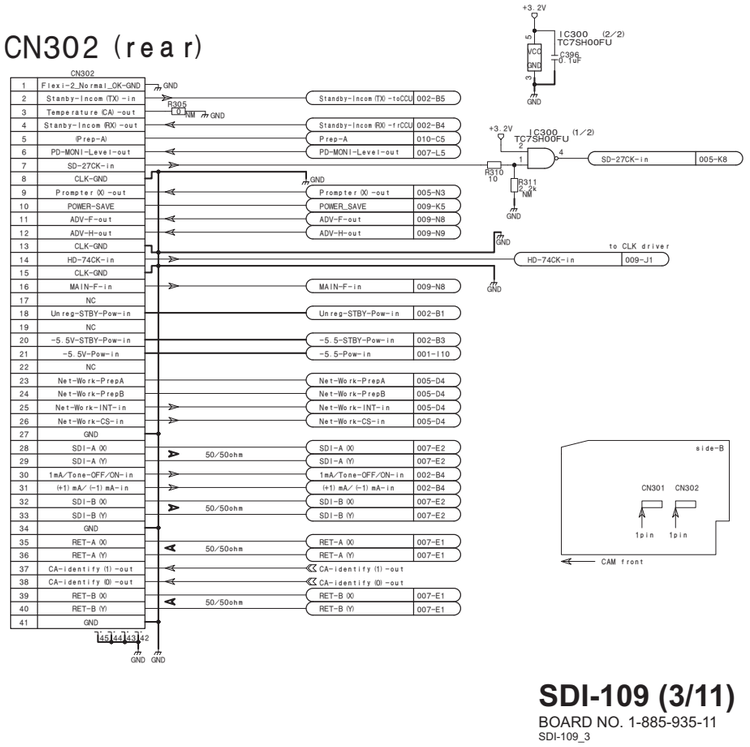




CN301 (front)



CN302 (rear)

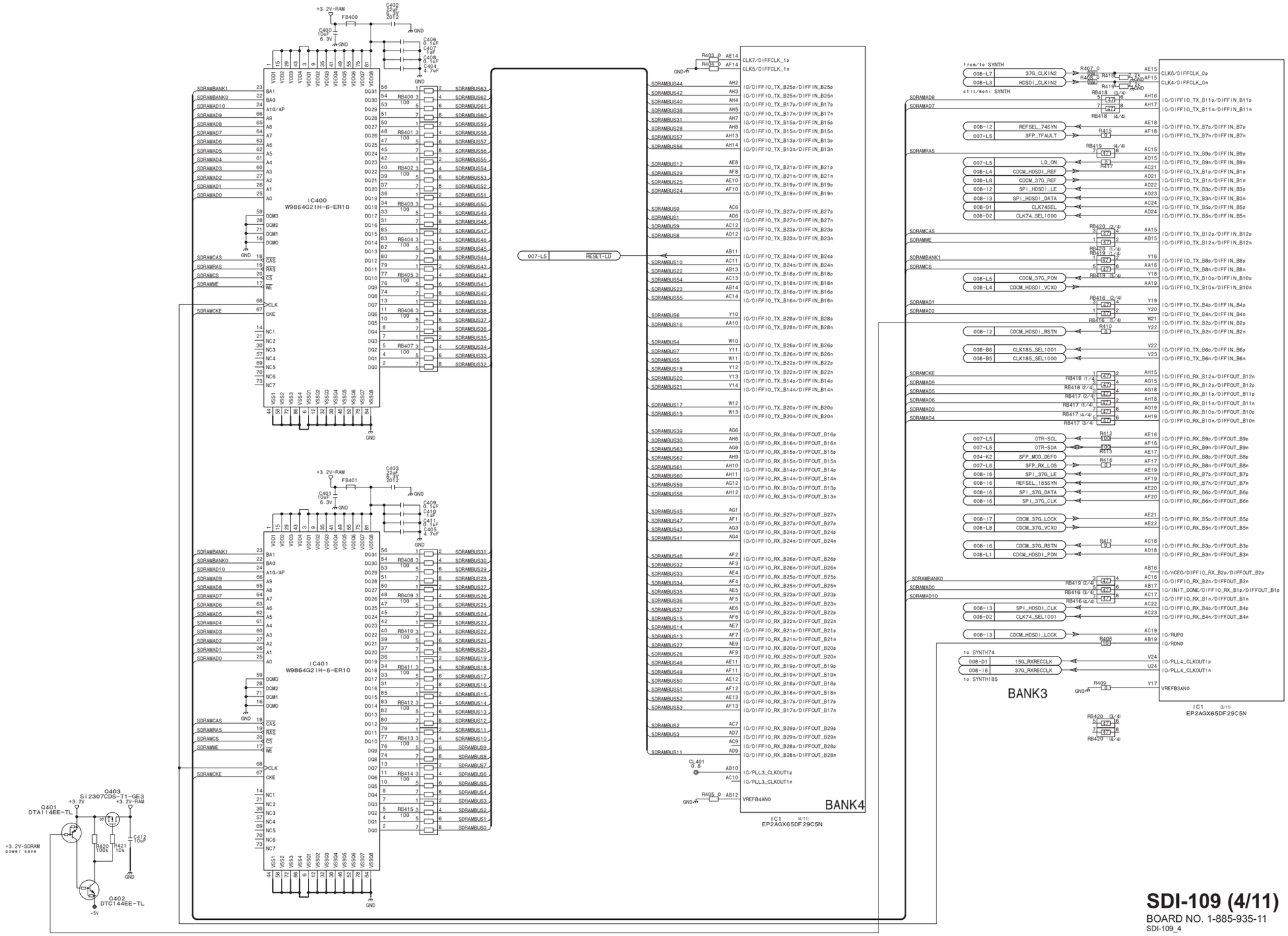


SDI-109 (3/11)

BOARD NO. 1-885-935-11

SDI-109_3

SDI-109 (4/11)

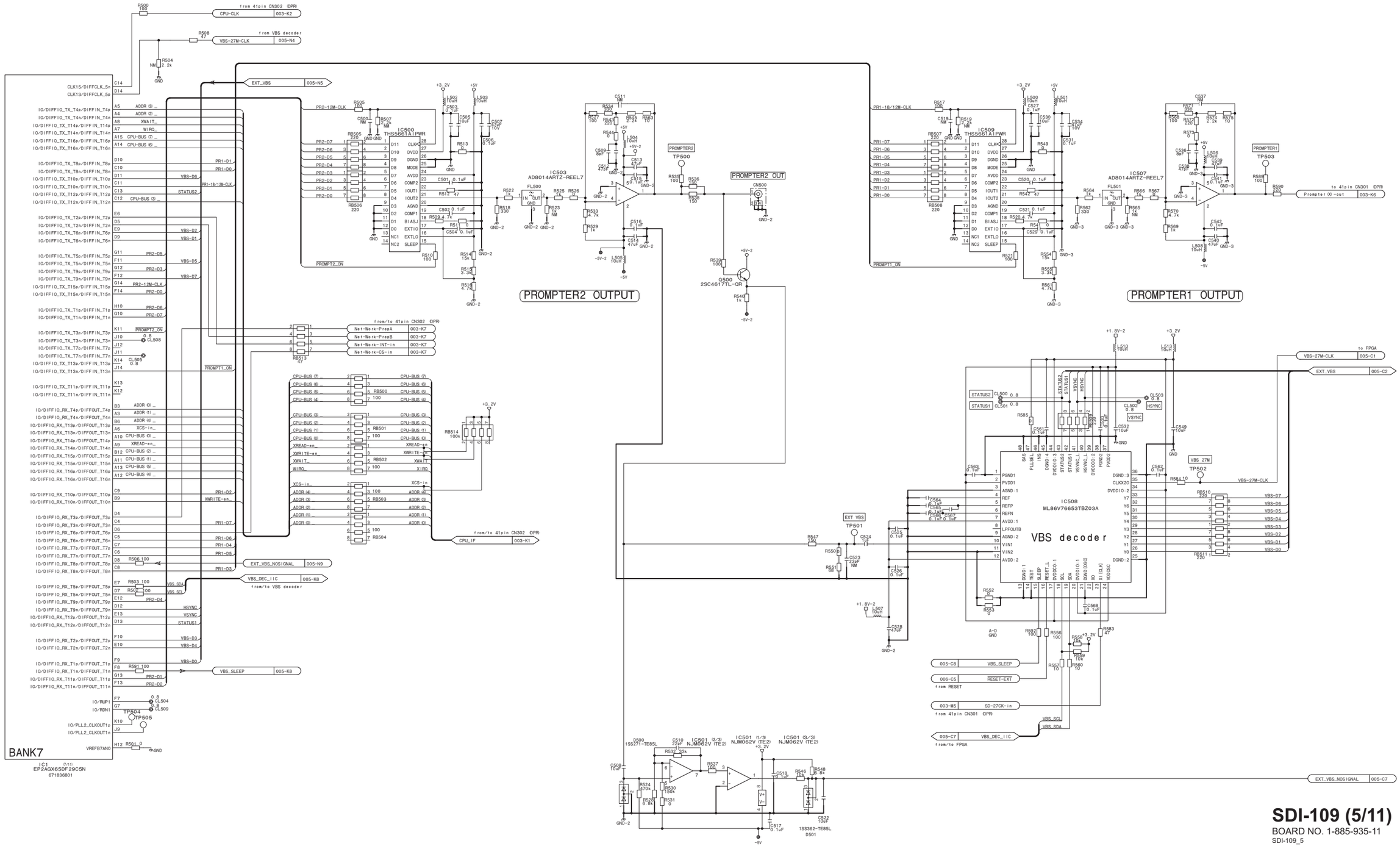


SDI-109 (4/11)

BOARD NO. 1-885-935-11

SDI-109_4

SDI-109 (5/11)

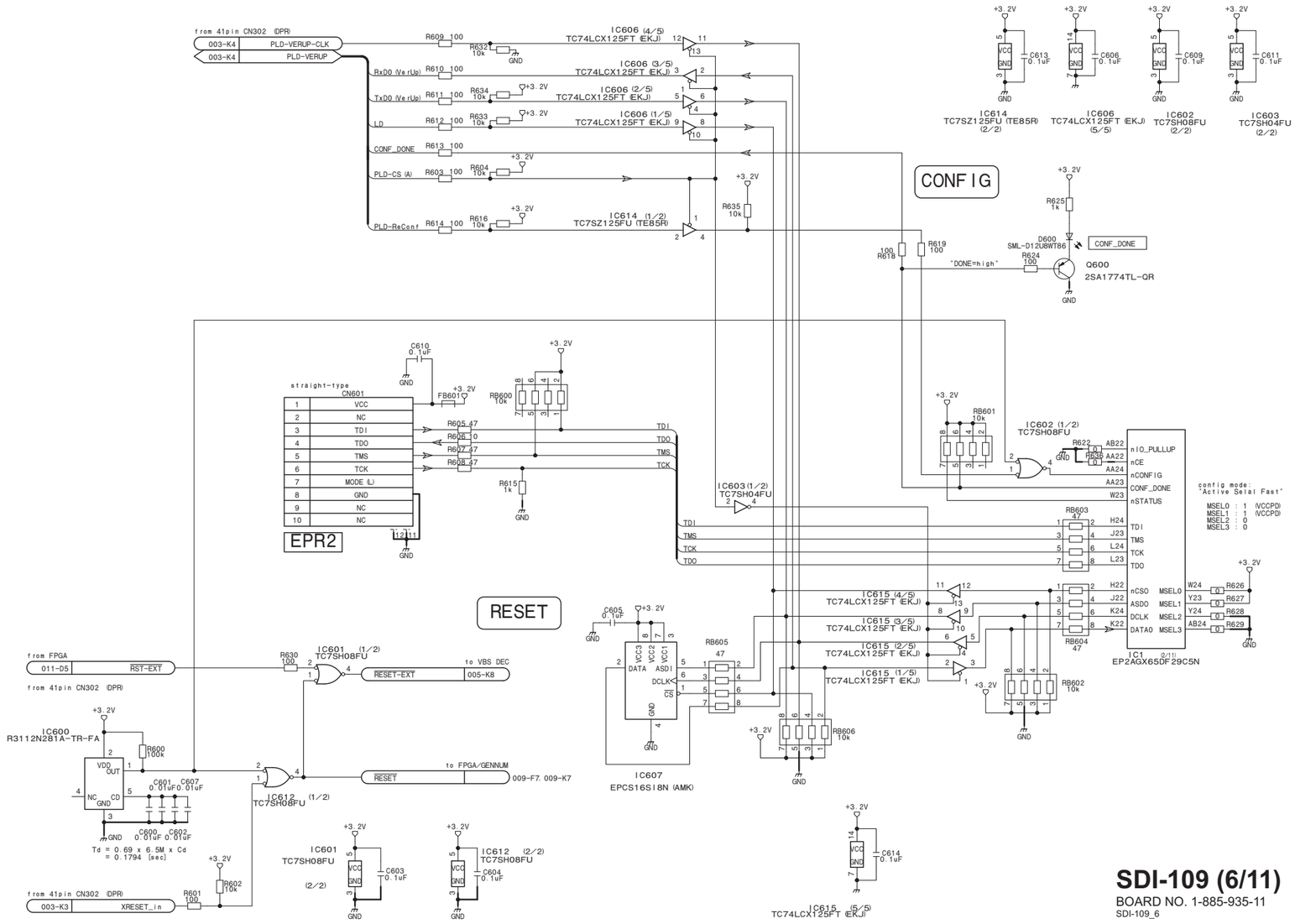


SDI-109 (5/11)

BOARD NO. 1-885-935-11

SDI-109_5

SDI-109 (6/11)

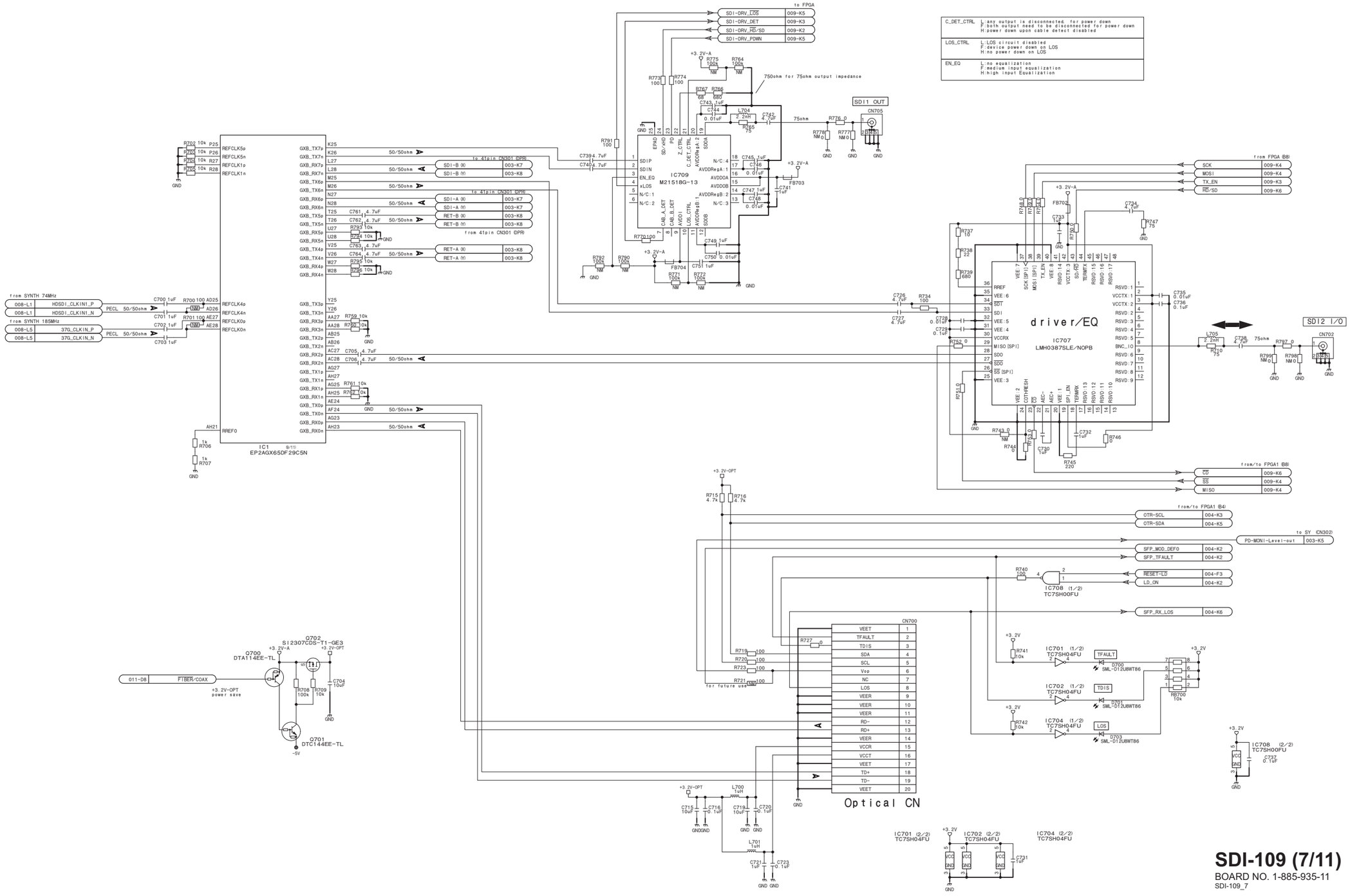


SDI-109 (6/11)

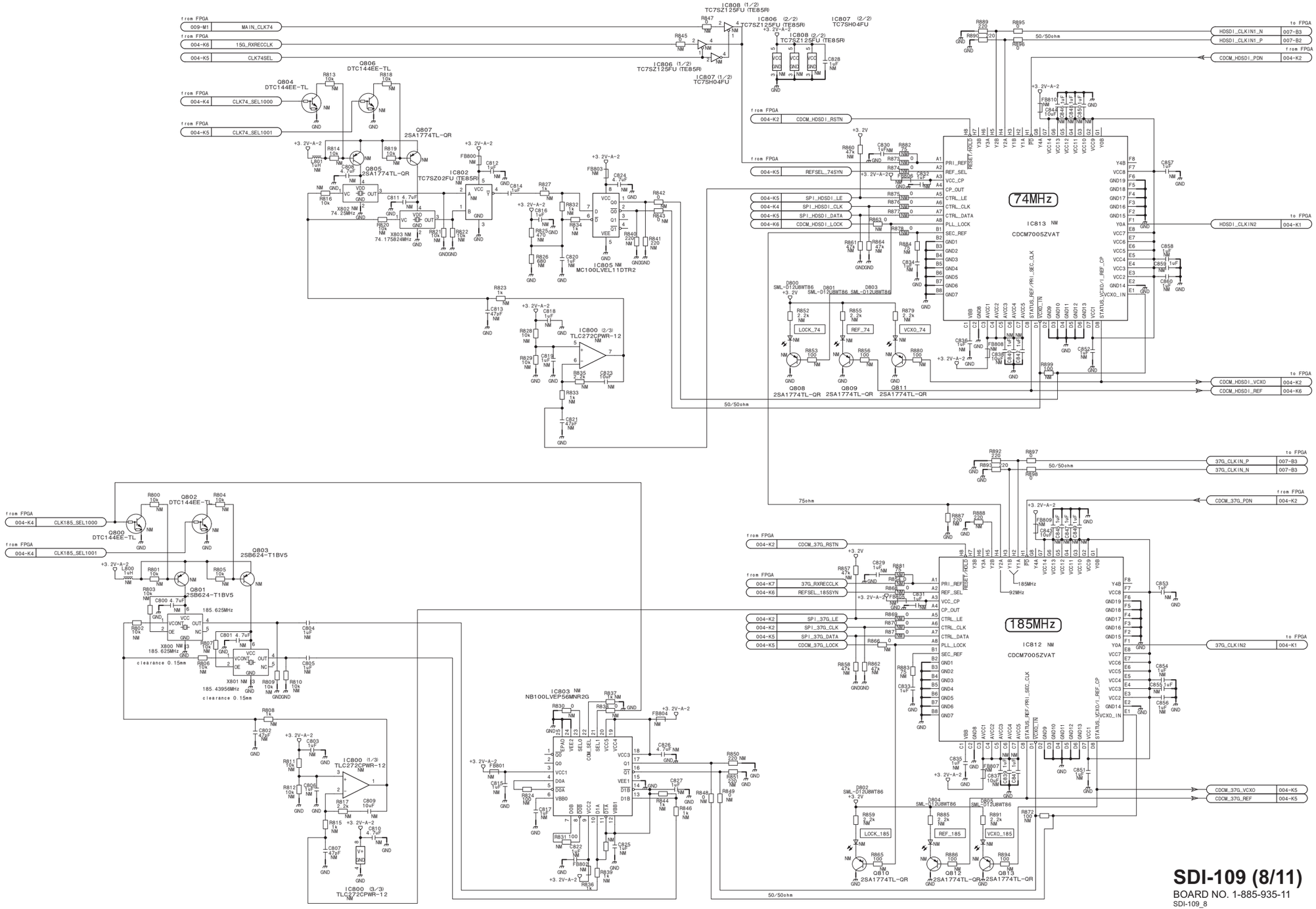
BOARD NO. 1-885-935-11

SDI-109_6

SDI-109 (7/11)


C_DET_CTRL L: any output in disconnected. for power down
F: both output need to be disconnected for power down
H: power down upon cable detect disabled
LOS_CTRL L: LOS circuit disabled
F: device power down on LOS
H: no power down on LOS
EN_EQ L: no equalization
F: medium input equalization
H: high input Equalization
IC1 8/15 EP2AGX65DF29C5N
IC709 M21518G-13
IC707 driver/EQ LMH0387SLE/NOPB
IC708 (1/2) TC7SH00FU
IC701 (1/2) TC7SH04FU
IC702 (1/2) TC7SH04FU
IC704 (1/2) TC7SH04FU
IC708 (2/2) TC7SH00FU
IC701 (2/2) TC7SH04FU
IC702 (2/2) TC7SH04FU
IC704 (2/2) TC7SH04FU
Optical CN
CN700
CN705
CN702
SD11 OUT
SD12 I/O
to FPGA
from FPGA (B8)
from/to FPGA1 (B8)
from/to FPGA1 (B4)
to SY (CN302)
to 41pin CN301 (DPR)
from 41pin CN301 (DPR)
from SYNTH 74MHz
from SYNTH 185MHz
Q700 DTA114EE-TL
Q701 DTC144EE-TL
Q702 SI2307CDS-T1-GE3
011-D8 FIBER/COAX
+3.2V-OPT power save

SDI-109 (8/11)

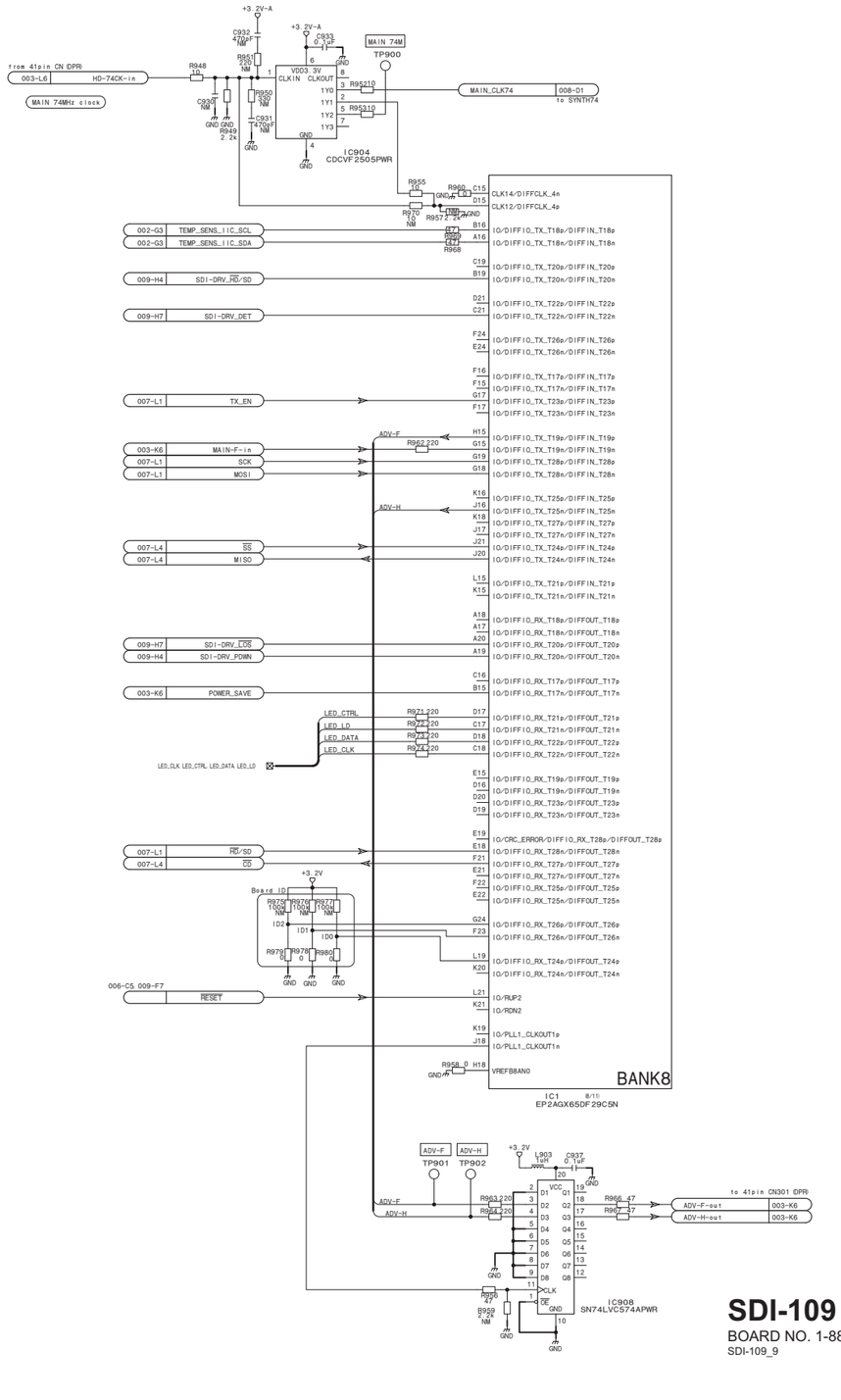


SDI-109 (8/11)

BOARD NO. 1-885-935-11

SDI-109_8

SDI-109 (9/11)

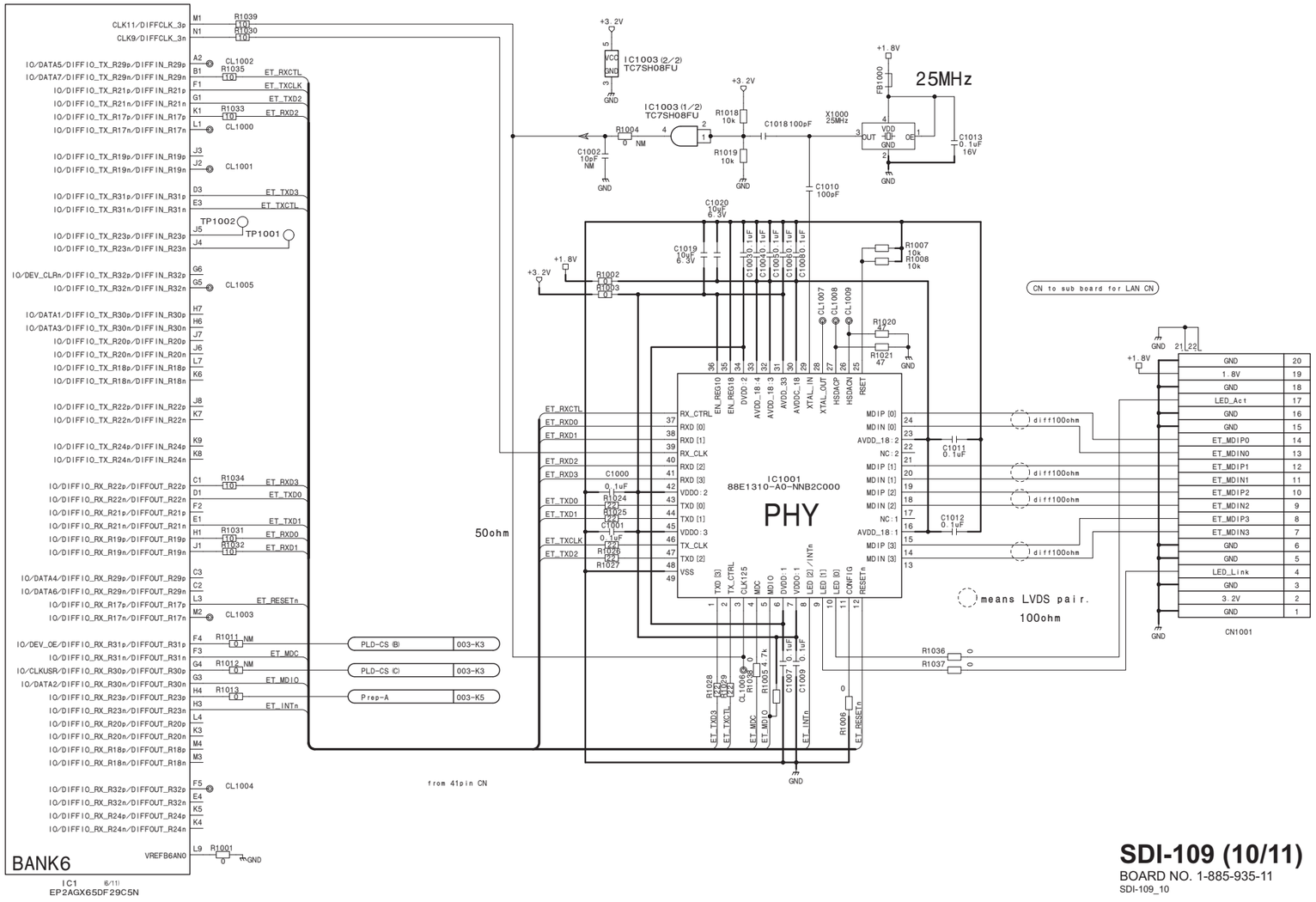


SDI-109 (9/11)

BOARD NO. 1-885-935-11

SDI-109_9

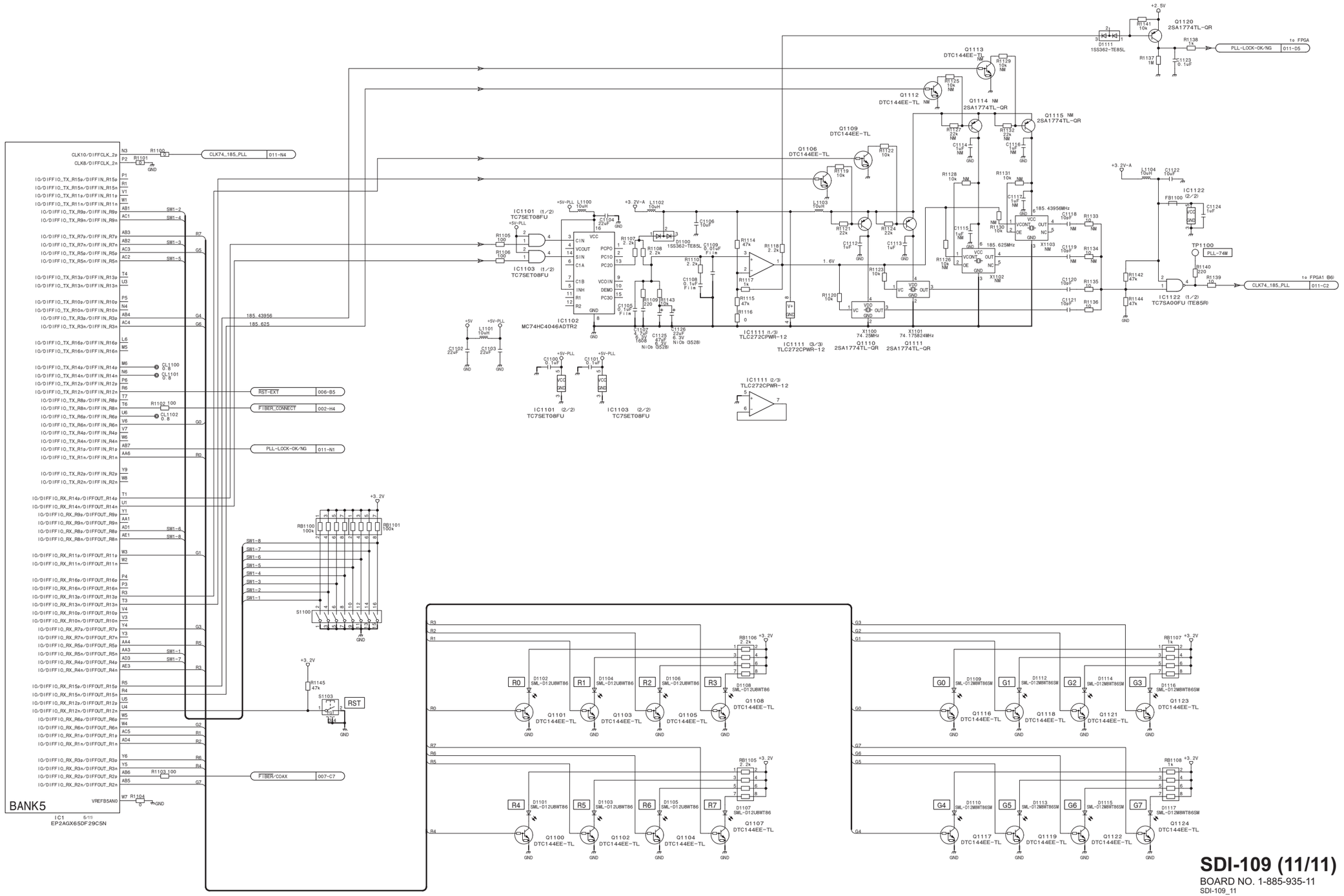
SDI-109 (10/11)



SDI-109 (10/11)

BOARD NO. 1-885-935-11

SDI-109_10

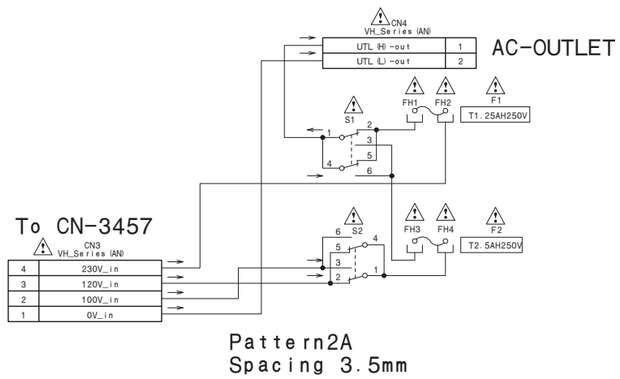


SDI-109 (11/11)

BOARD NO. 1-885-935-11

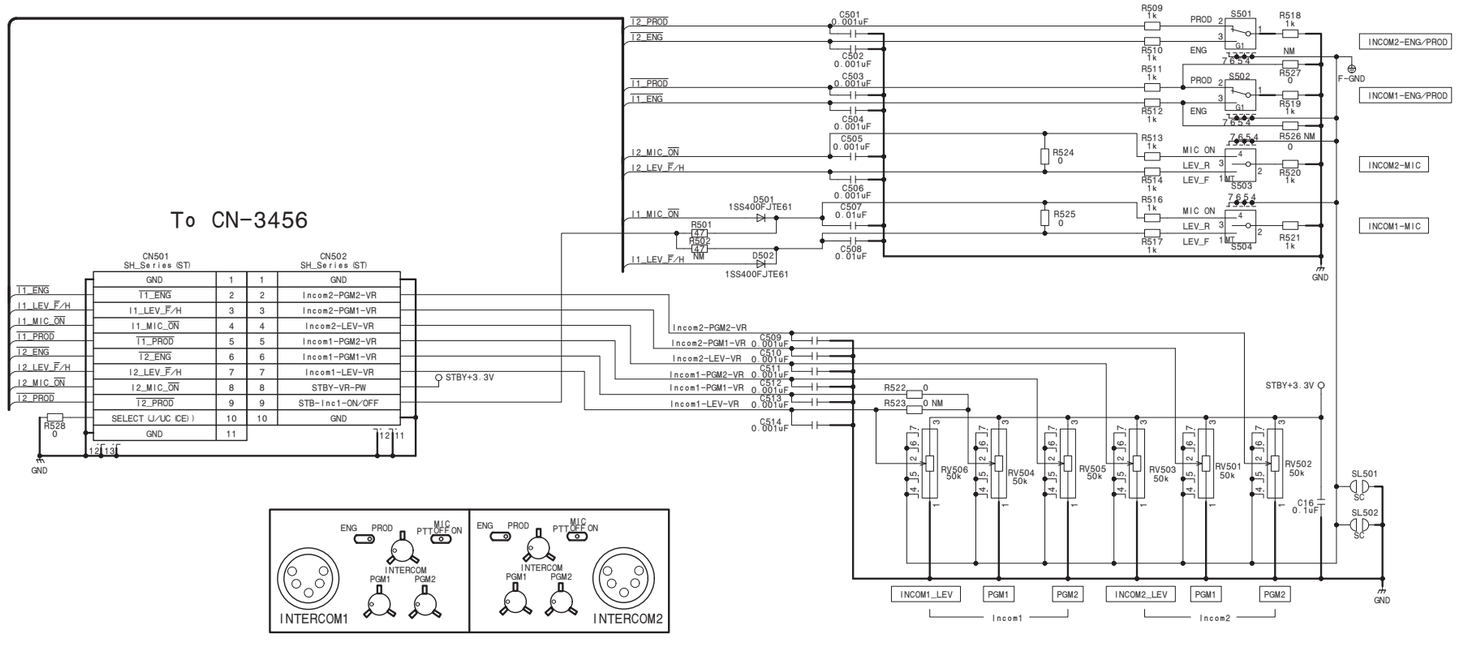
SDI-109_11

SW-1536



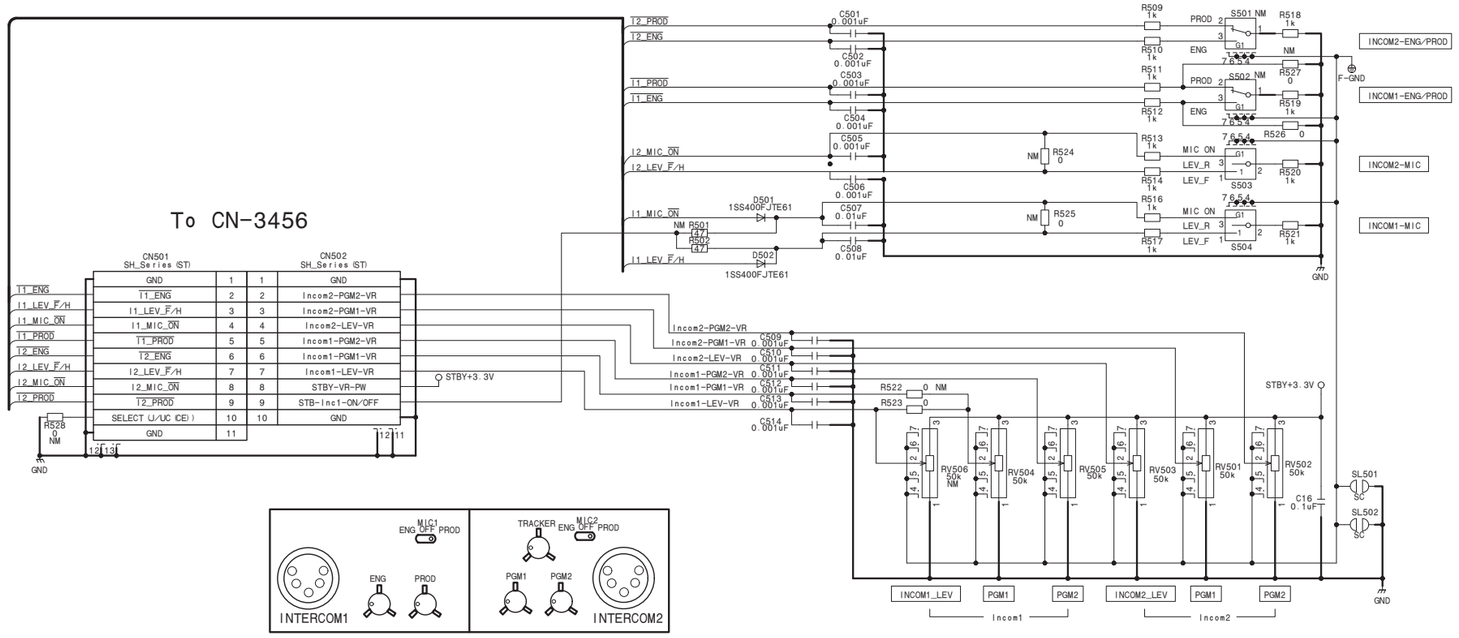
SW-1536
BOARD NO. 1-886-729-11
SW-1536_1

SW-1537



SW-1537
BOARD NO. 1-886-747-11
SW-1537_1

SW-1537C

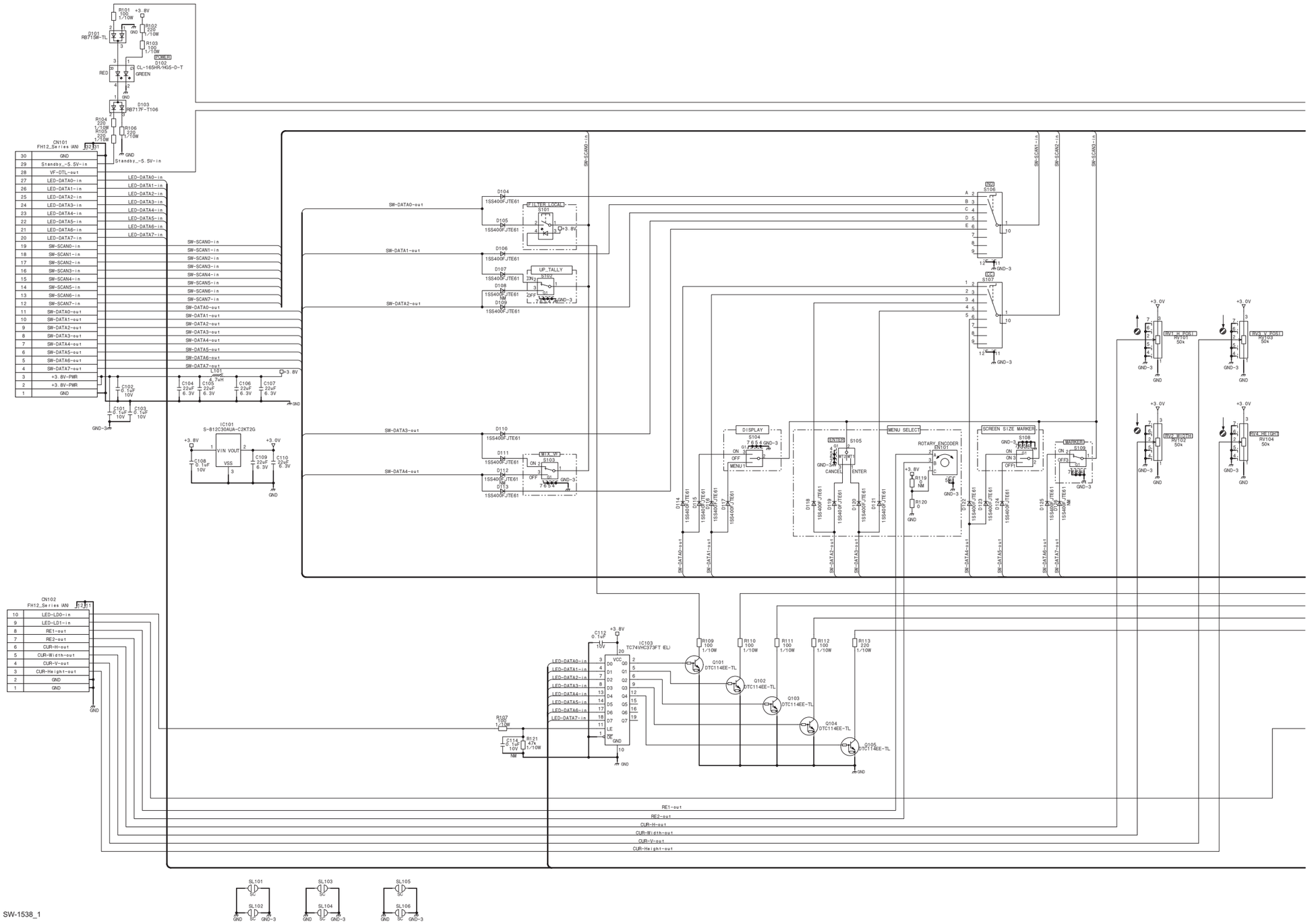


SW-1537C

BOARD NO. 1-886-747-11

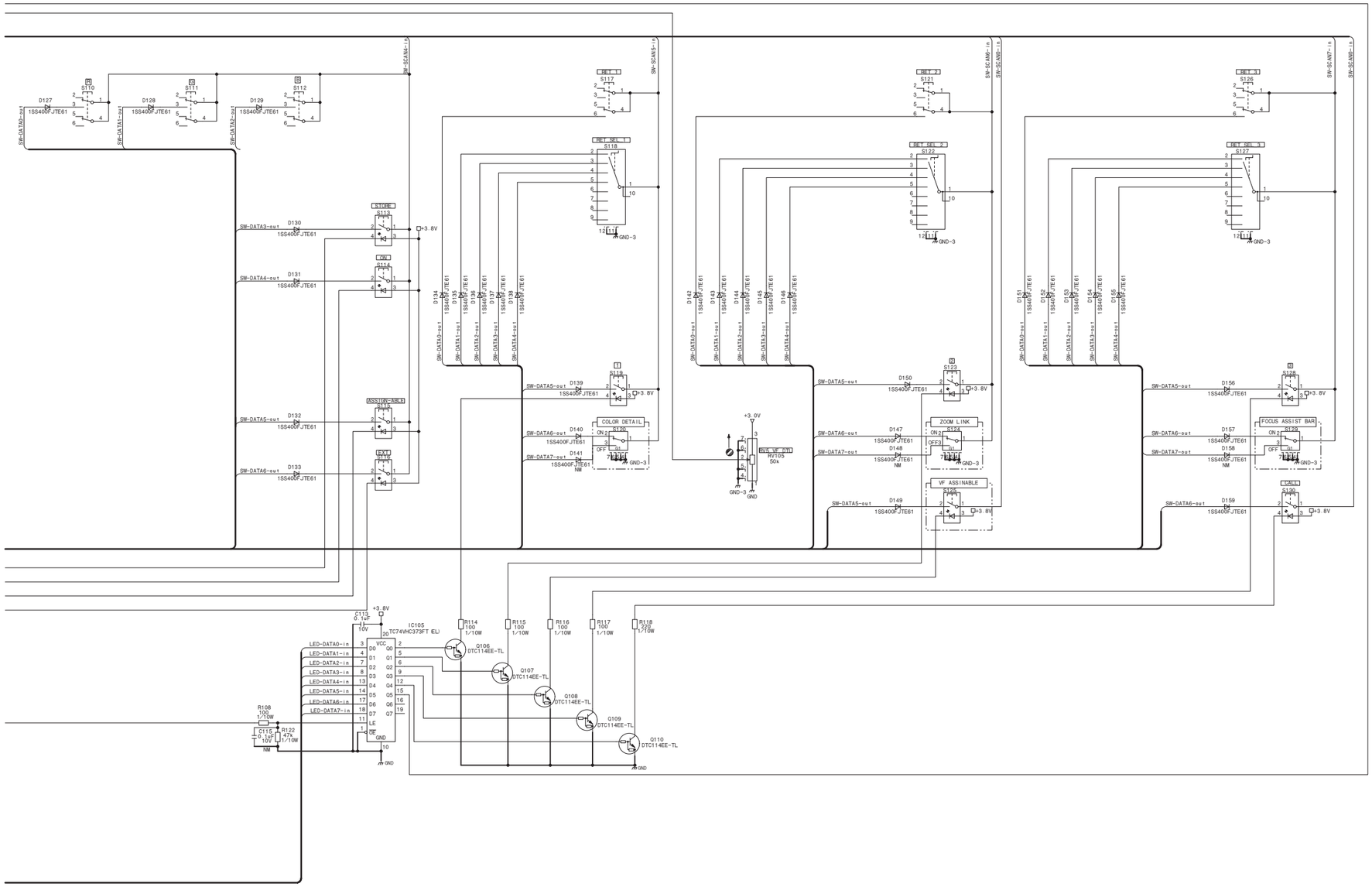
SW-1537C_1

SW-1538
SW-1538_L



SW-1538_1

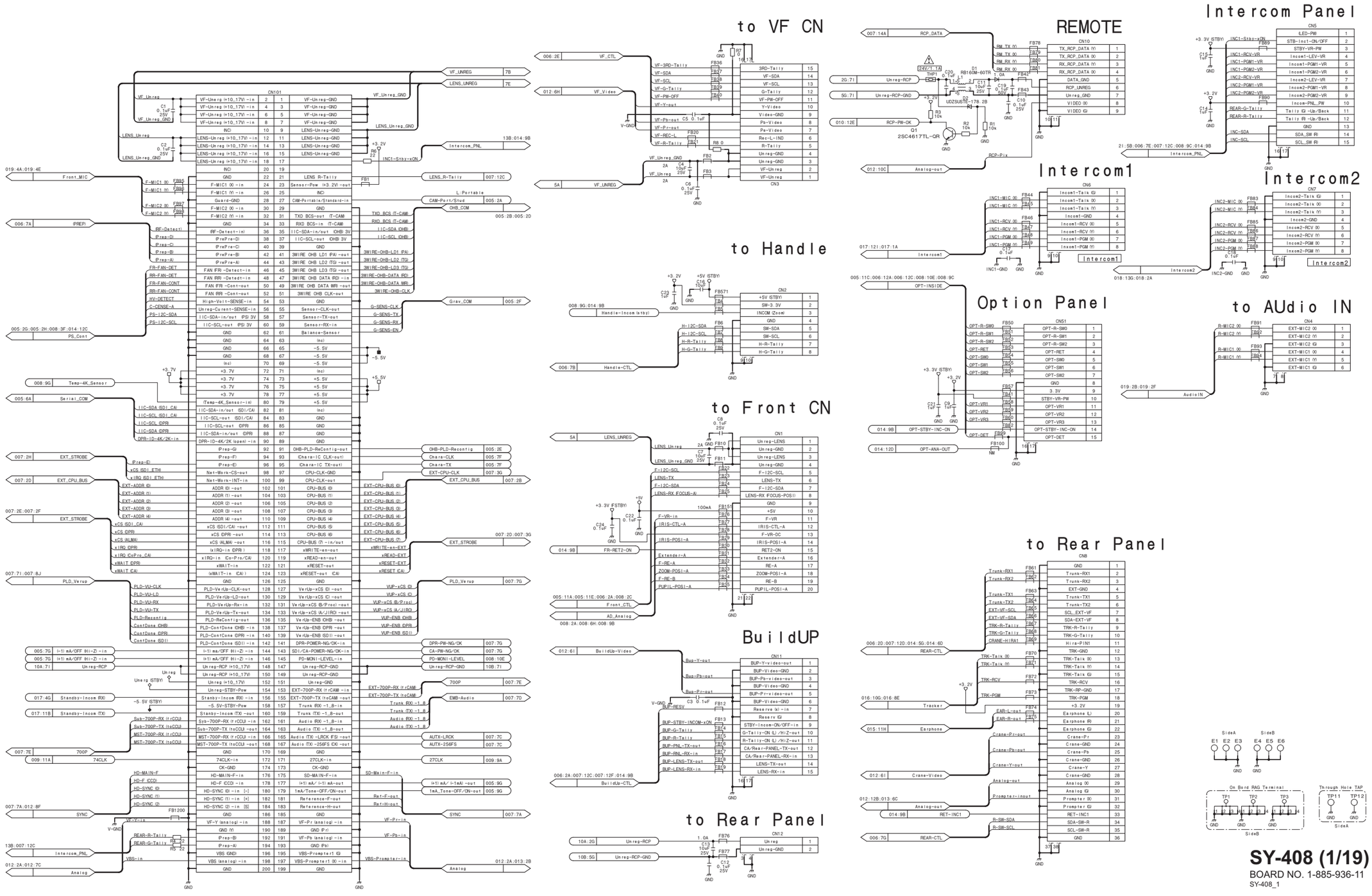
SW-1538_R



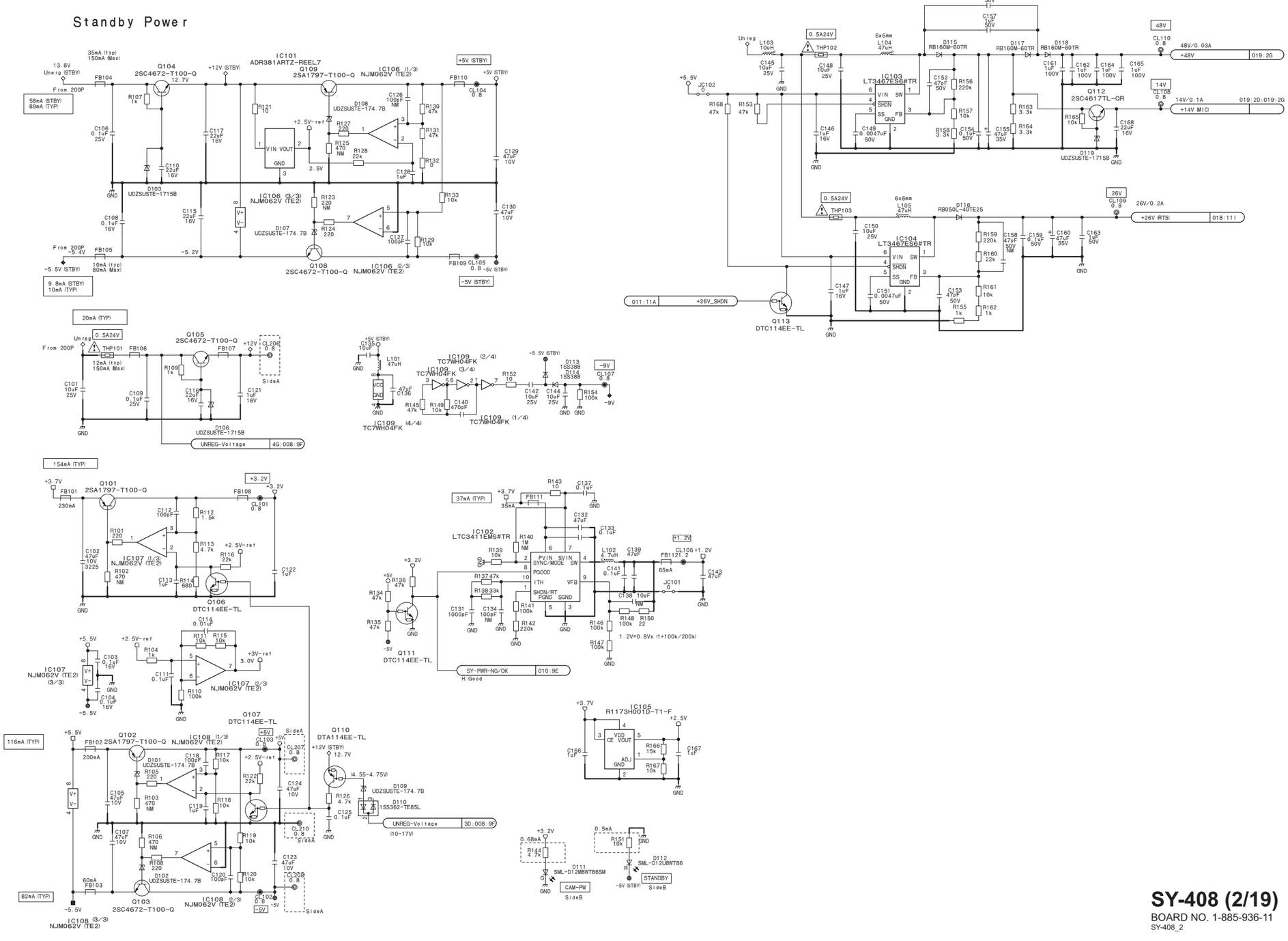
SW-1538

BOARD NO. 1-886-735-11

SW-1538_1


to VF CN
to Handle
to Front CN
BuildUP
to Rear Panel
REMOTE
Intercom Panel
Intercom1
Intercom2
Option Panel
to AUdio IN
to Rear Panel
CN101
CN3
CN2
CN1
CN11
CN12
CN10
CN5
CN6
CN7
CNS1
CN4
CN8
VF_UNREG
LENS_UNREG
VF_Unreg_GND
LENS_Unreg_GND
Intercom_PNL
LENS_R-Tally
CAM-Pwr/Stud
OHB_COM
Grav_COM
OHB-PLD-Reconfig
Chara-CLK
Chara-TX
EXT-CPU-CLK
EXT_CPU_BUS
EXT_STROBE
PLD_Verup
700P
EMB-Audio
AUTX-LRCK
AUTX-256FS
27CLK
SYNC
Front_MIC
PS_Cont
Serial_COM
Temp-4K_Sensor
EXT_STROBE
EXT_CPU_BUS
PLD_Verup
Unreg-RCP
Standby-Incom (RX)
Standby-Incom (TX)
74CLK
SYNC
Intercom_PNL
Analog
VF_CTL
VF_Video
VF_UNREG
Handle-Incom (stby)
Handle-CTL
LENS_UNREG
Front_CTL
AD_Analog
BuildUp-Video
BuildUp-CTL
Unreg-RCP
Unreg-RCP-GND
RCP_DATA
Unreg-RCP
Unreg-RCP-GND
RCP-PW-OK
Analog-out
Intercom1
Intercom2
REAR-CTL
Tracker
Earphone
Crane-Video
Analog-out
RET-INC1
REAR-CTL
OPT-INSIDE
OPT-STBY-INC-ON
OPT-ANA-OUT
Intercom_PNL
AudioIN
Front_CTL
BuildUp-Video
Unreg-RCP
Unreg-RCP-GND
REAR-CTL
Tracker
Earphone
Crane-Video
Analog-out
RET-INC1
REAR-CTL
SideA
SideB
On Bord PAG Terminal
Through Hole TAP
SY-408 (1/19)
BOARD NO. 1-885-936-11
SY-408_1

SY-408 (2/19)

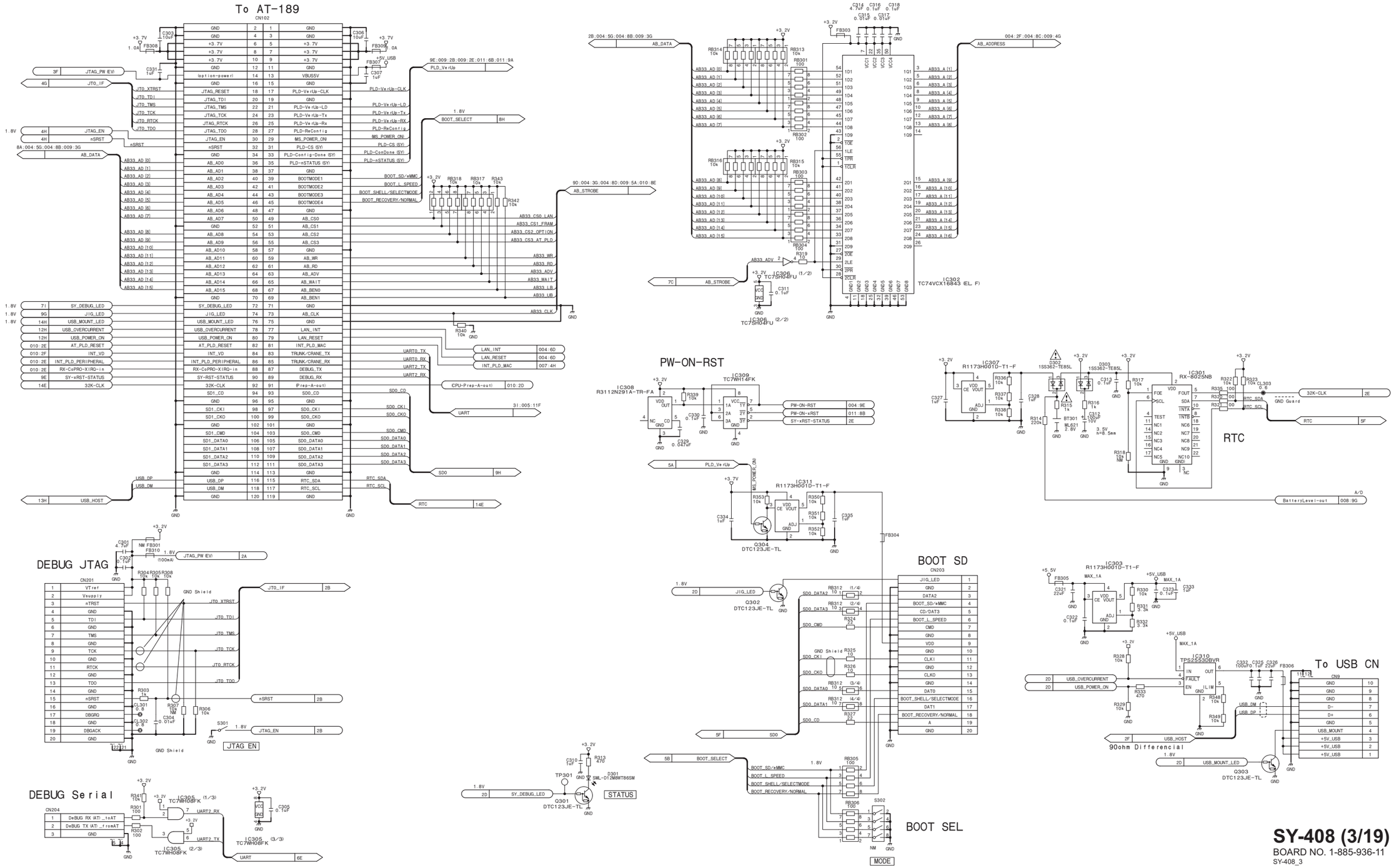


SY-408 (2/19)

BOARD NO. 1-885-936-11

SY-408_2

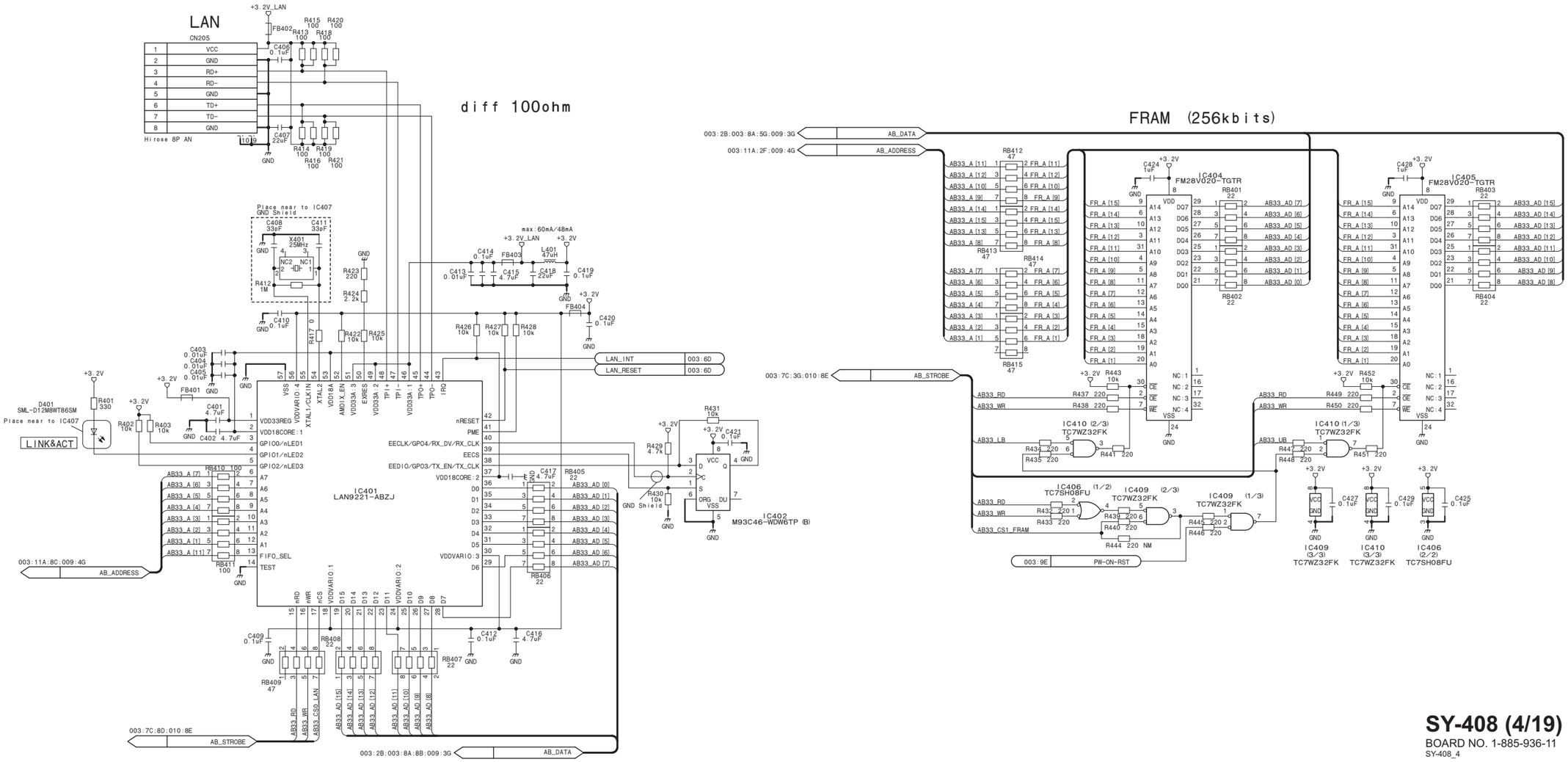
SY-408 (3/19)



SY-408 (3/19)

BOARD NO. 1-885-936-11

SY-408_3



SY-408 (4/19)

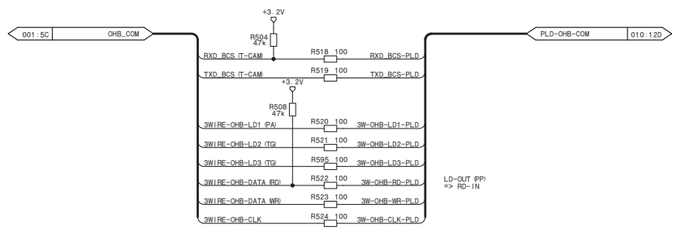
BOARD NO. 1-885-936-11

SY-408_4

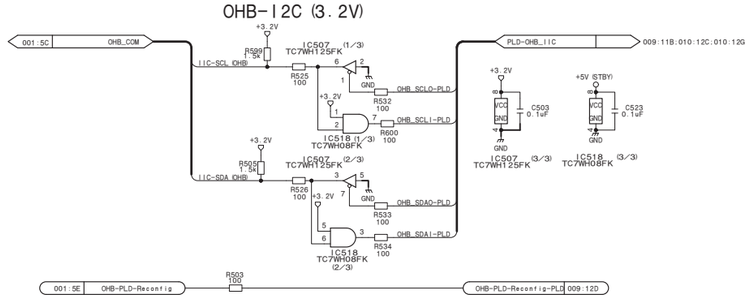
SY-408 (5/19)

CAM TYPE

OHB-3WIRE (3.2V)

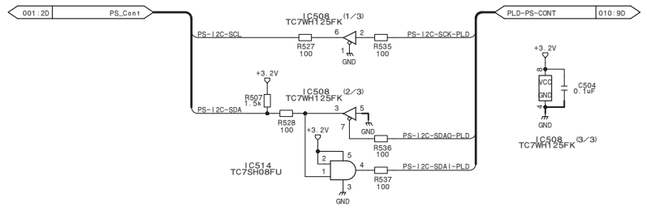


OHB-I2C (3.2V)

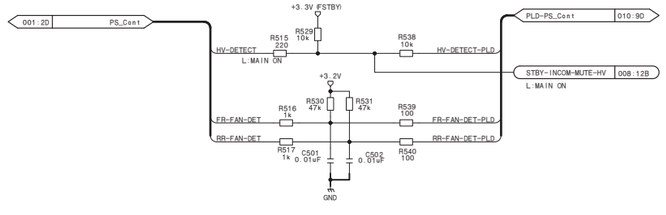


Sensor

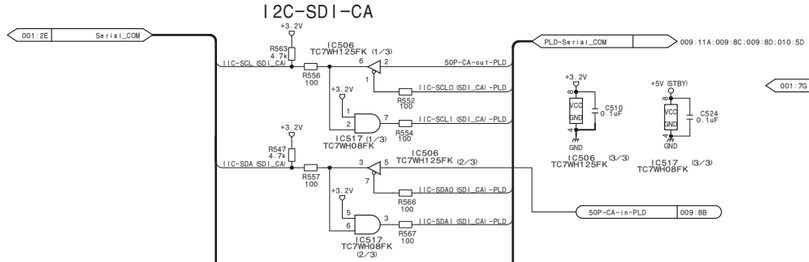
PS-I2C (3.3V)



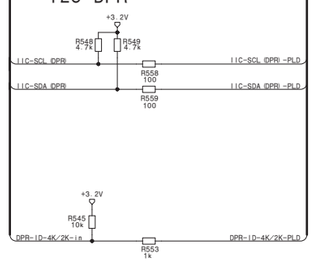
FAN HV DETECT



I2C-SDI-CA

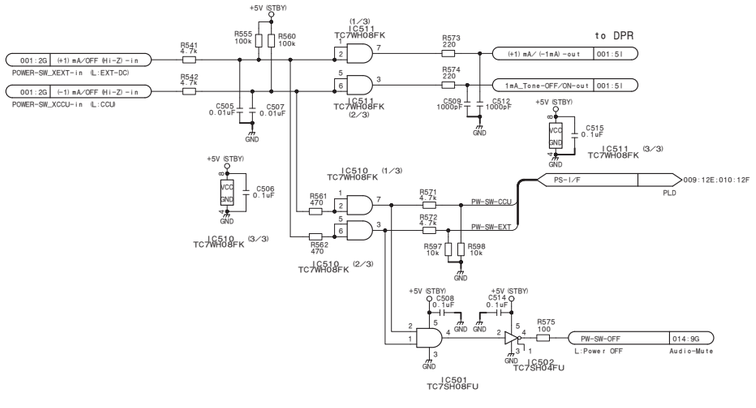


I2C-DPR

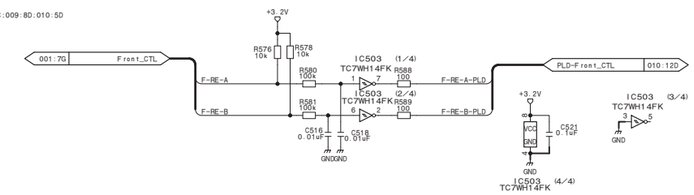


Chara-TG

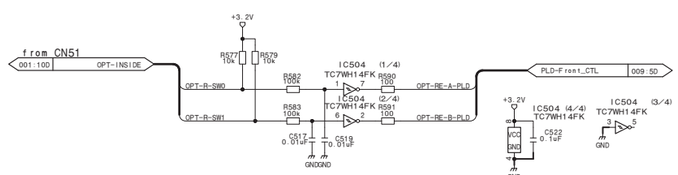
PW SW



Rotary encoder (Front)

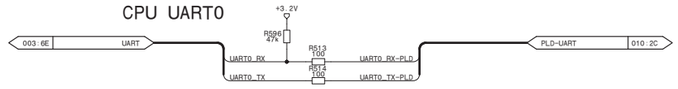


Rotary encoder (Option)



Front I2C

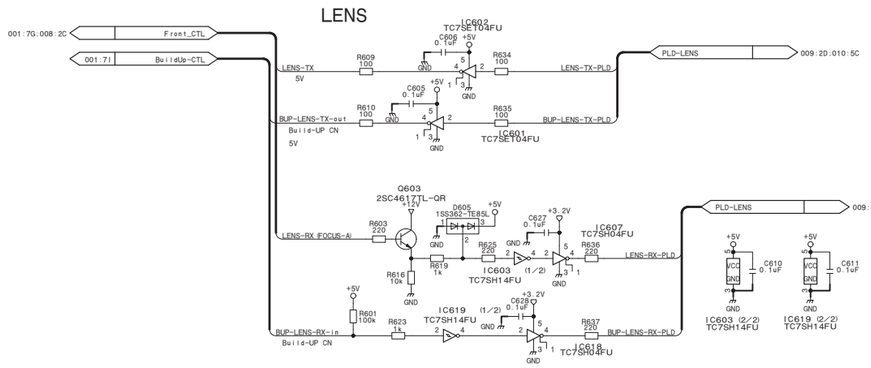
CPU UART0

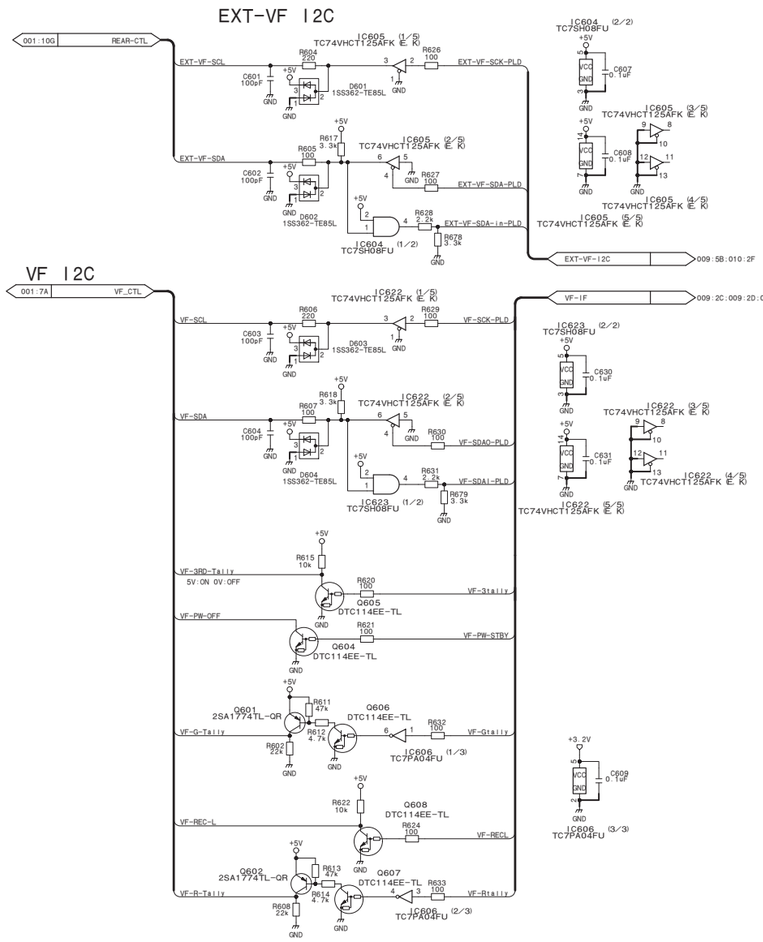


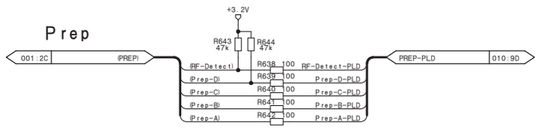
SY-408 (5/19)

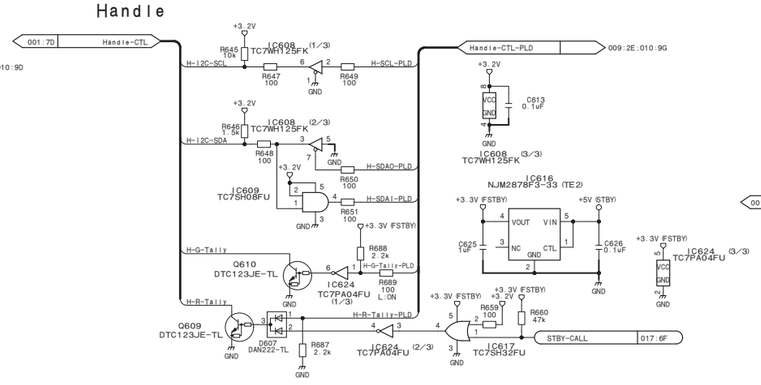
BOARD NO. 1-885-936-11

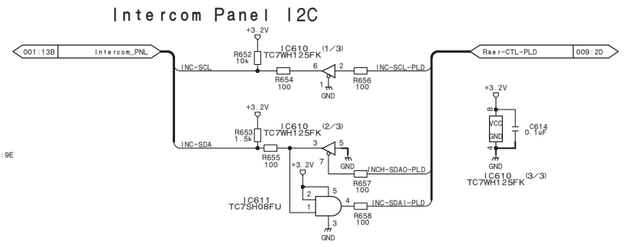
SY-408_5

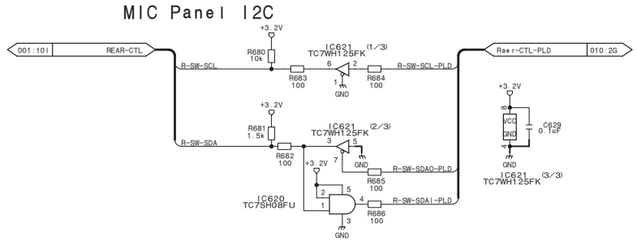


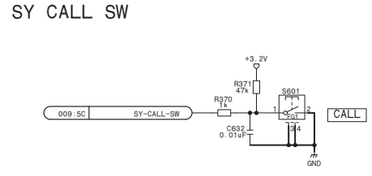


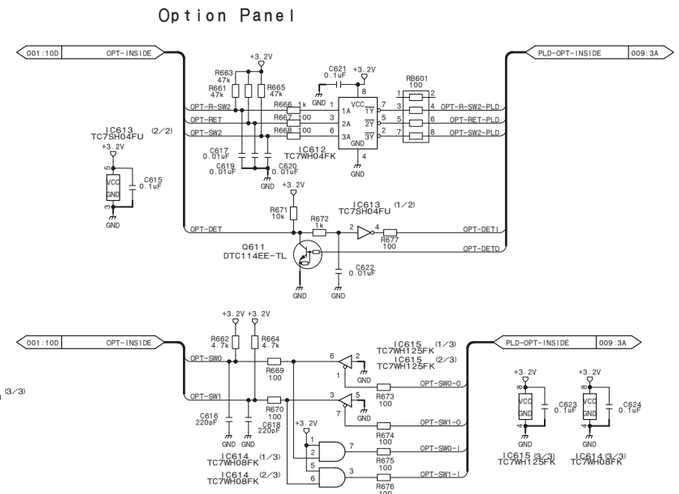












SY-408 (6/19)

BOARD NO. 1-885-936-11

SY-408_6

External bus

33MHz

SYNC

Audio TX/RX

700P TX/RX

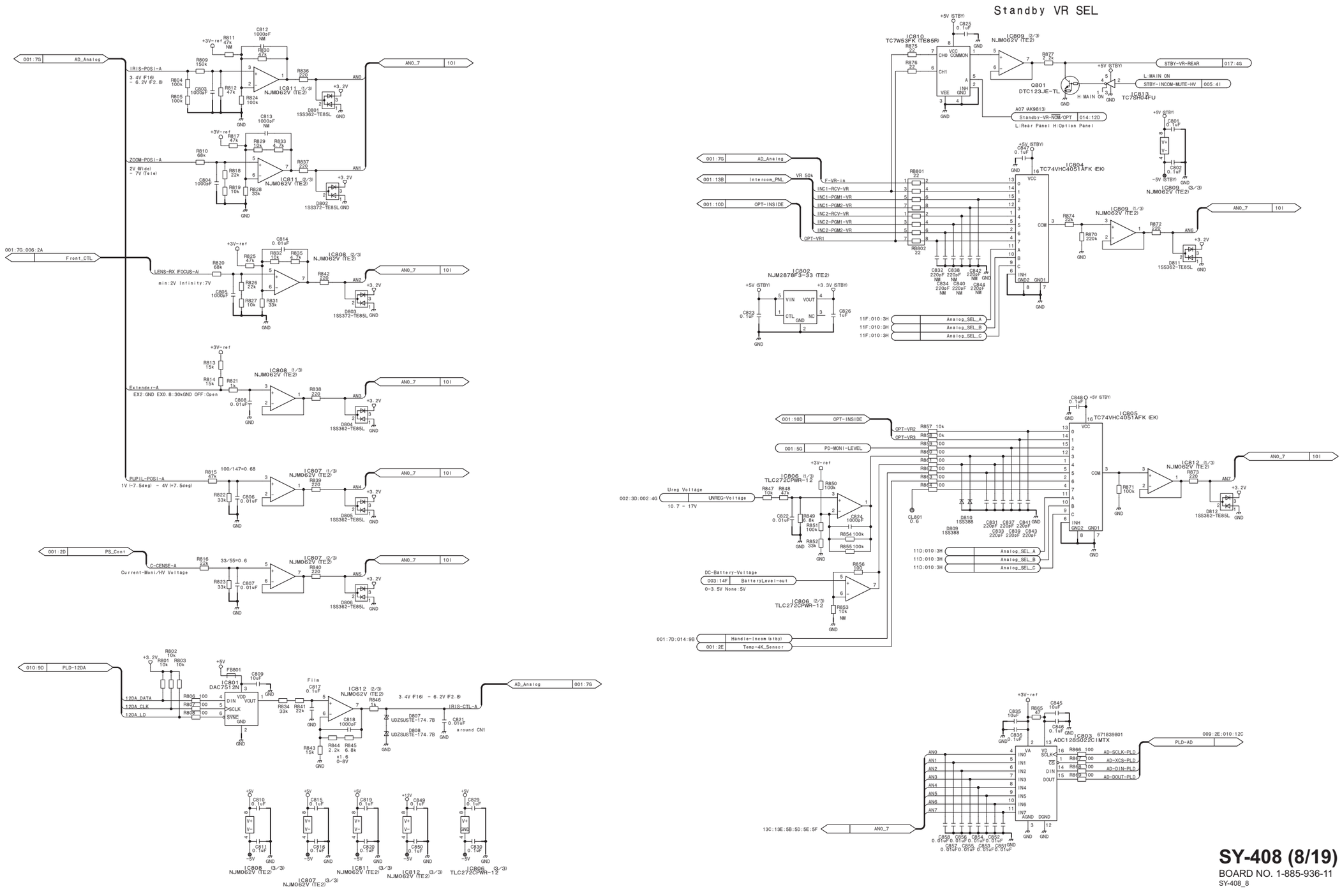
700P (RM)

Tally

Rear panel&Camera adapter

PLD Update

SY-408 (8/19)

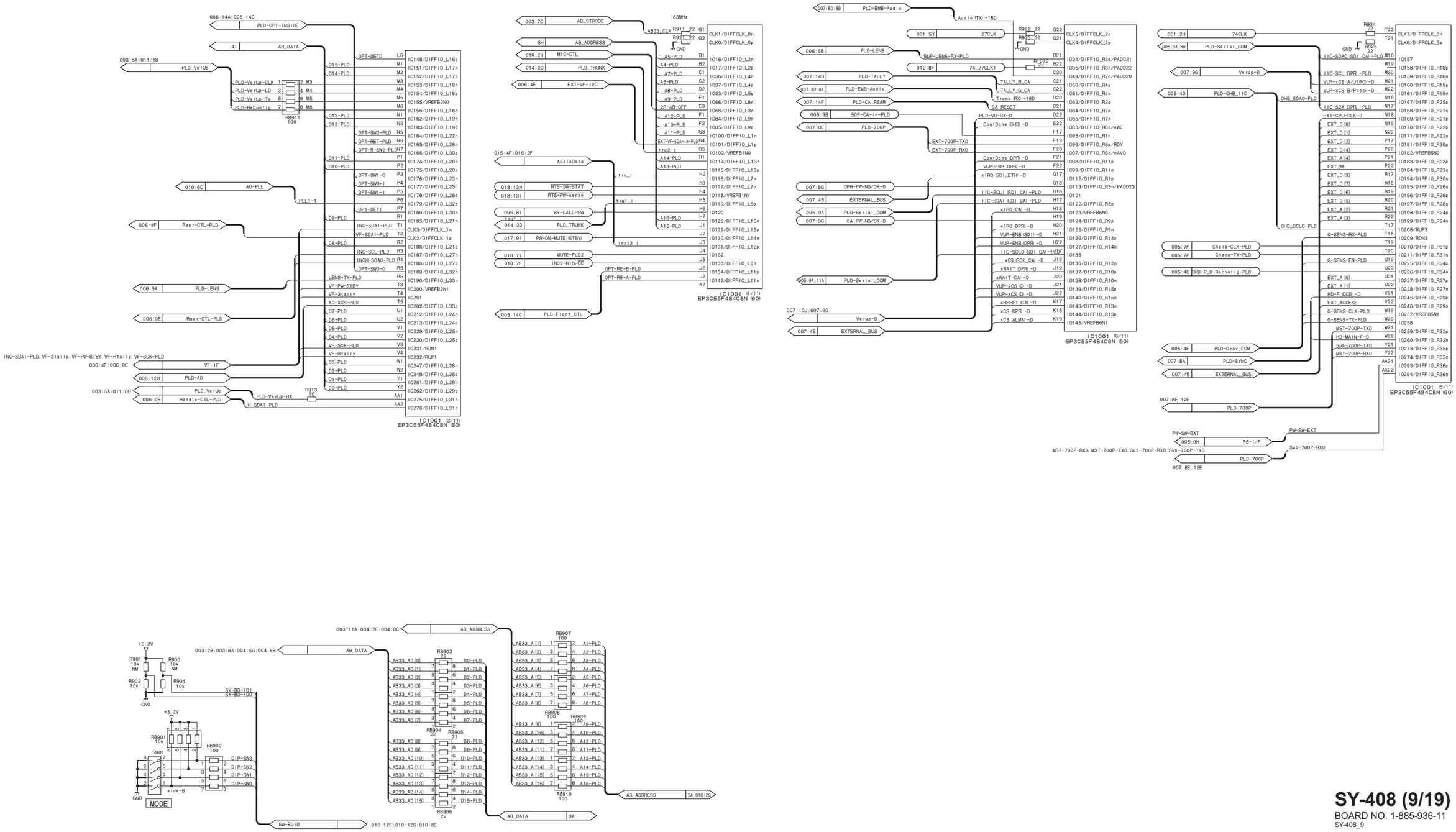


SY-408 (8/19)

BOARD NO. 1-885-936-11

SY-408_8

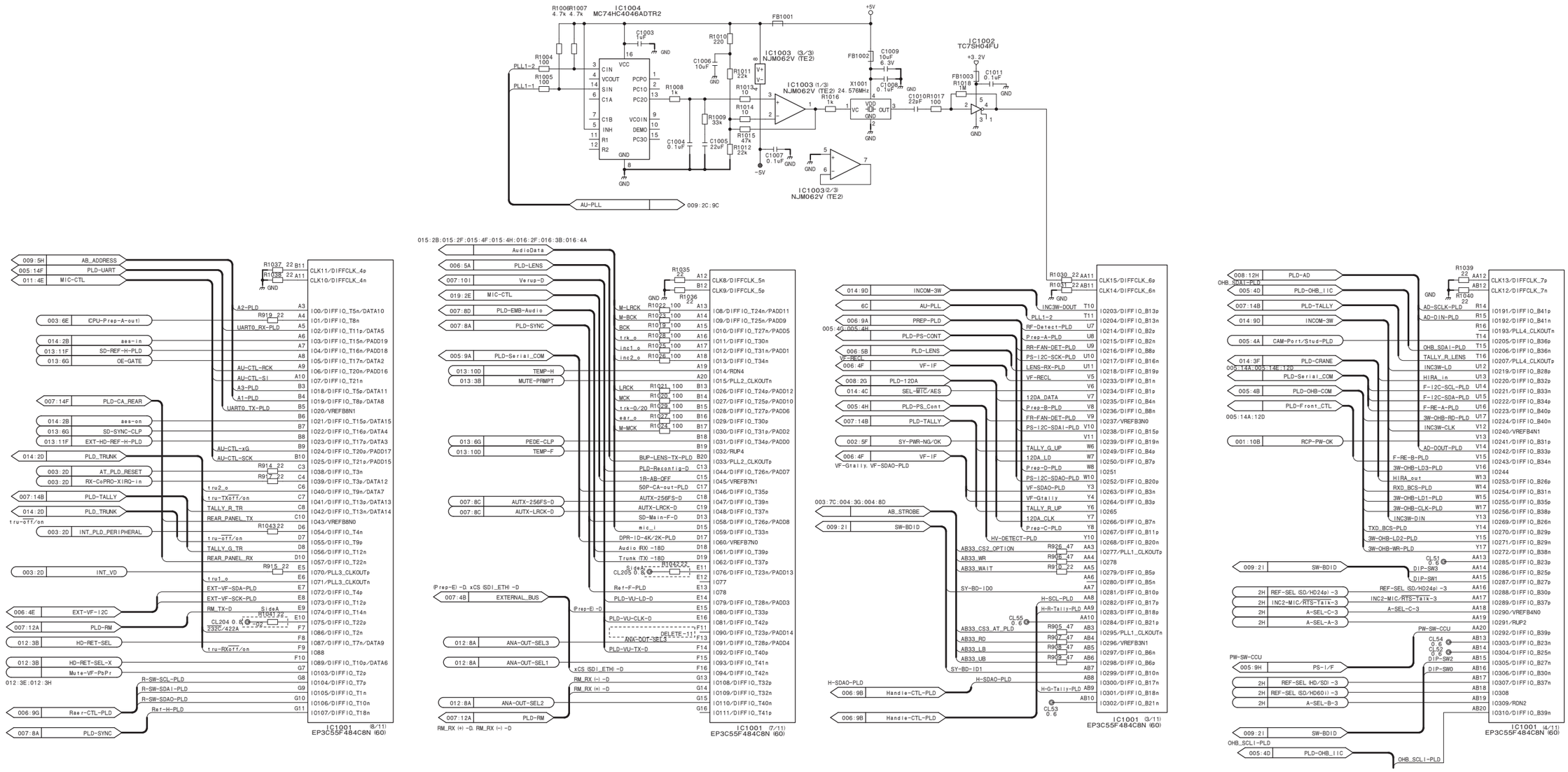
SY-408 (9/19)



SY-408 (9/19)

BOARD NO. 1-885-936-11

SY-408_9

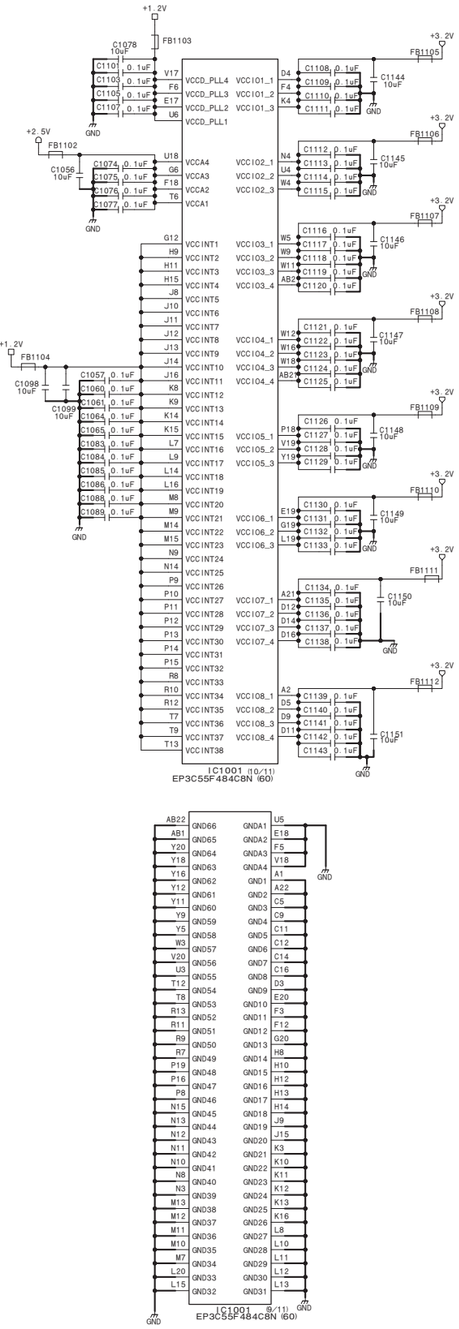


SY-408 (10/19)

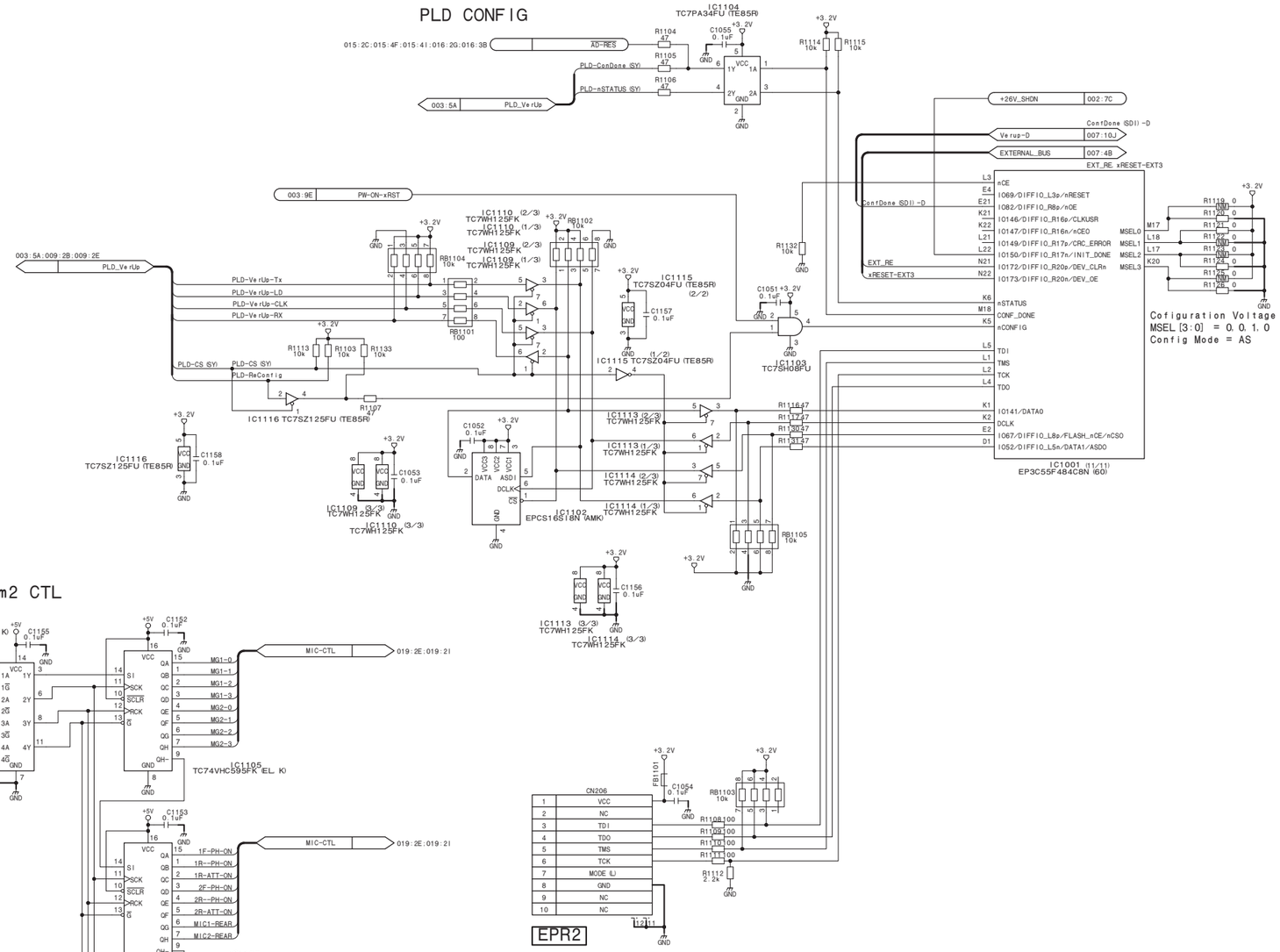
BOARD NO. 1-885-936-11

SY-408_10

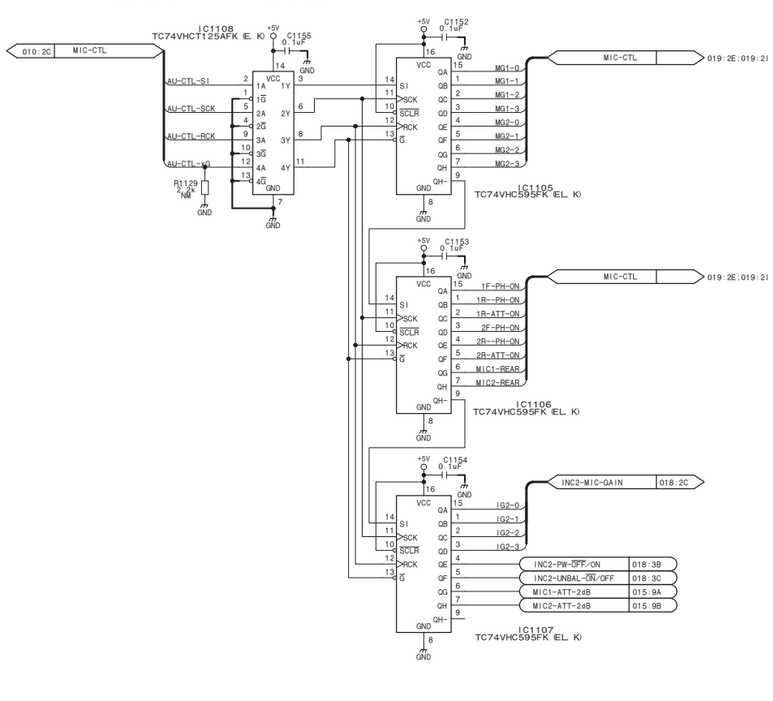
PLD Power



PLD CONFIG



MIC, Intercom2 CTL

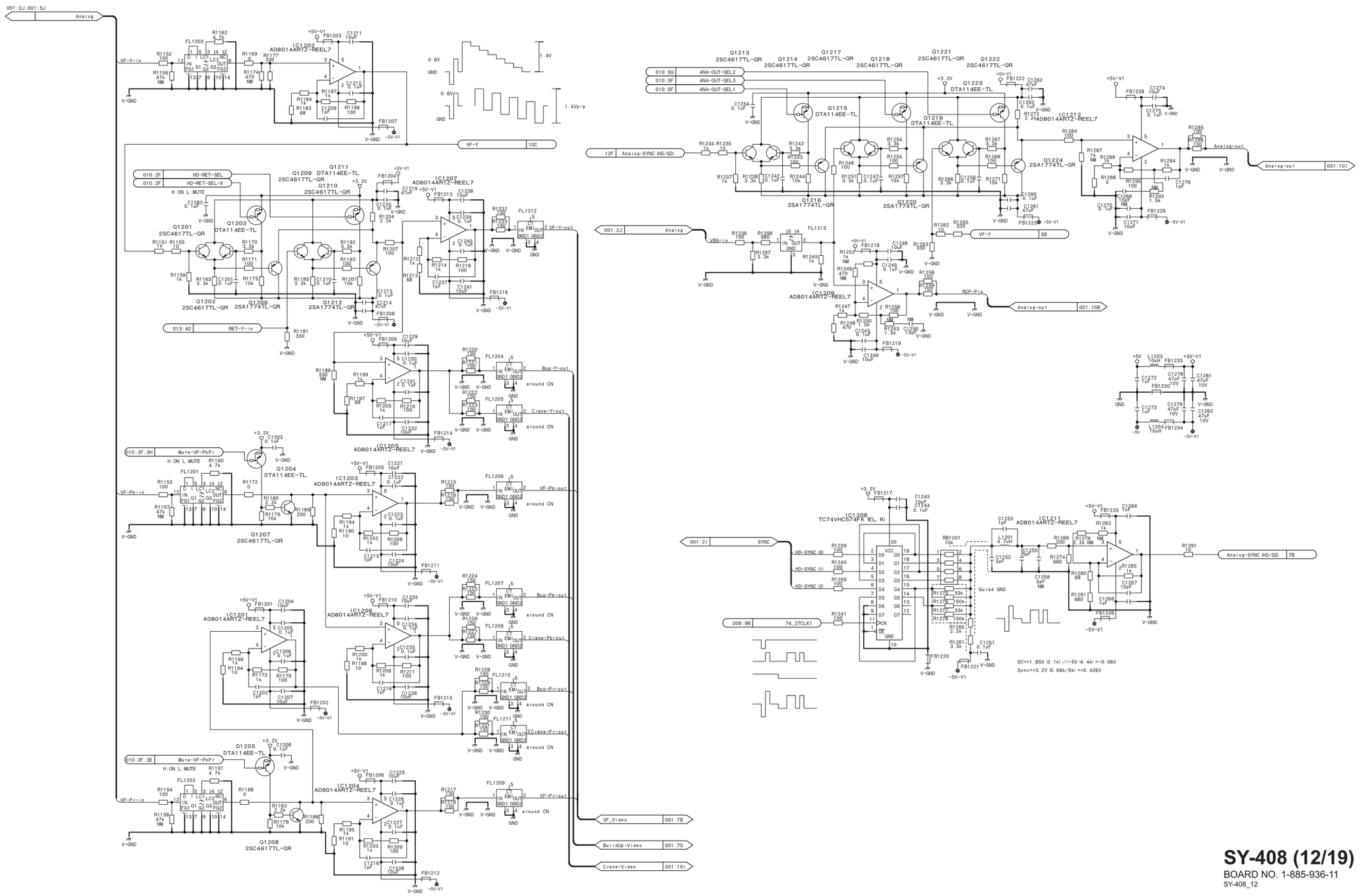


SY-408 (11/19)

BOARD NO. 1-885-936-11

SY-408_11

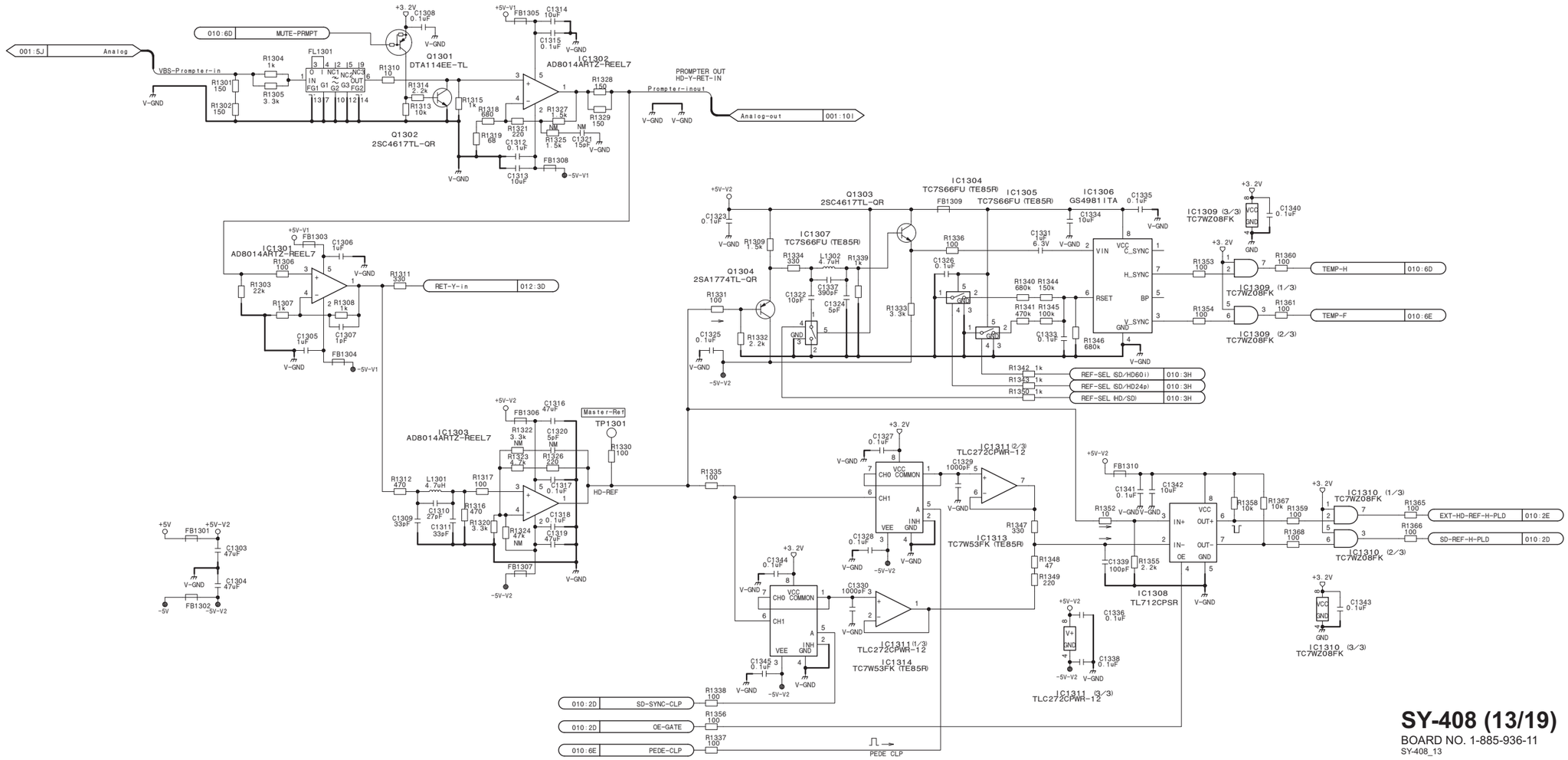
SY-408 (12/19)



SY-408 (12/19)

BOARD NO. 1-885-936-11

SY-408_12

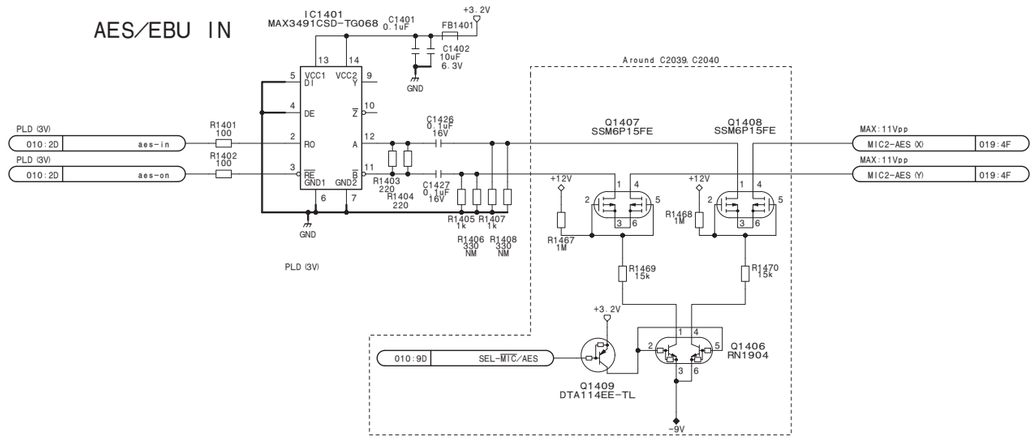


SY-408 (13/19)

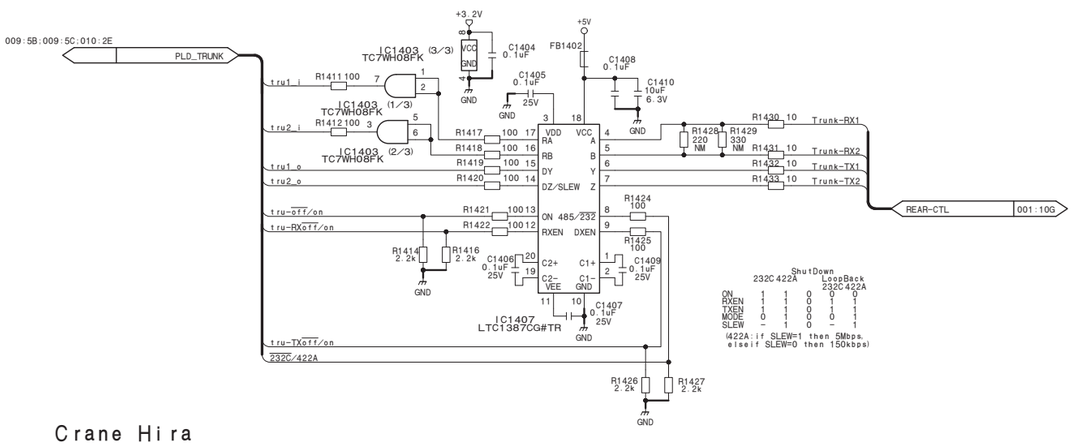
BOARD NO. 1-885-936-11

SY-408_13

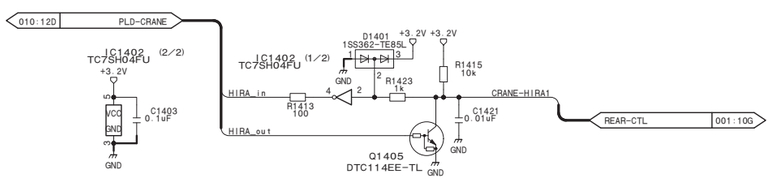
AES/EBU IN



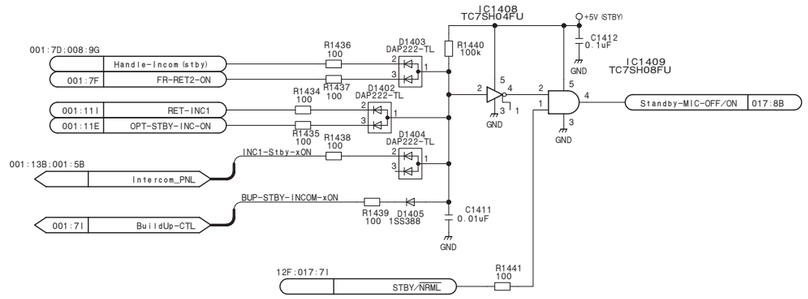
TRUNK LINE



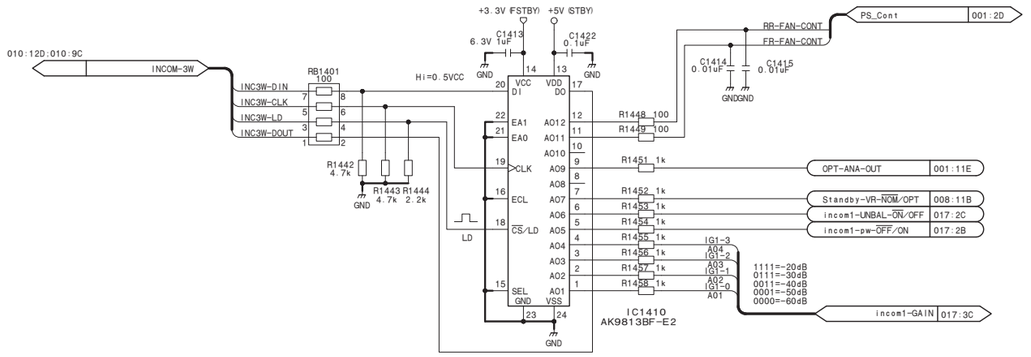
Crane Hira



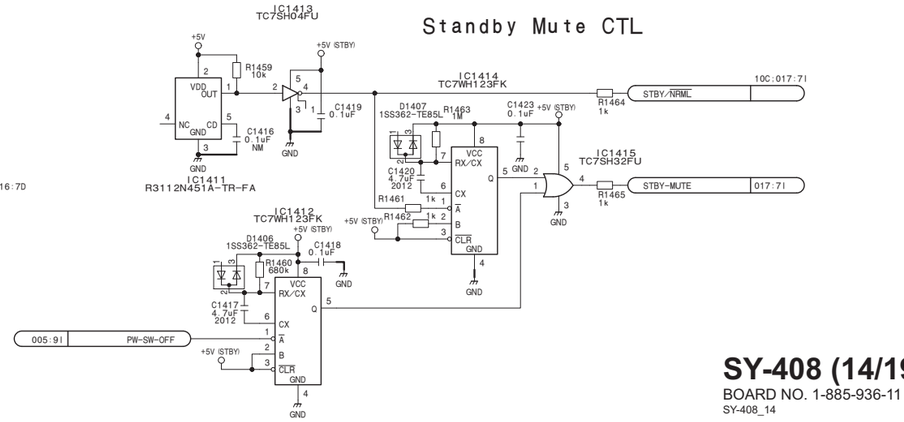
Standby Intercom MIC CTL



D/A (Standby)



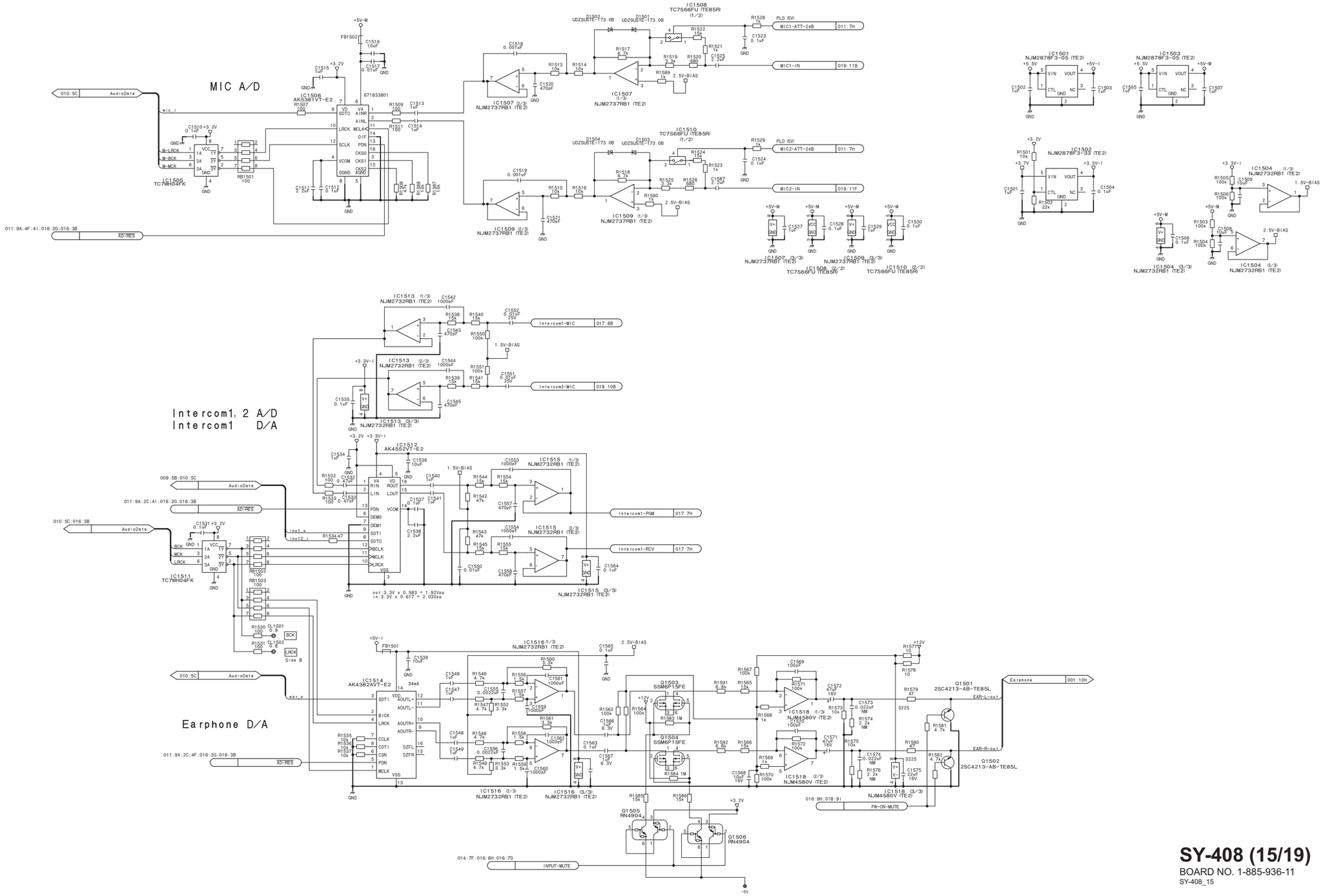
Standby Mute CTL



SY-408 (14/19)

BOARD NO. 1-885-936-11

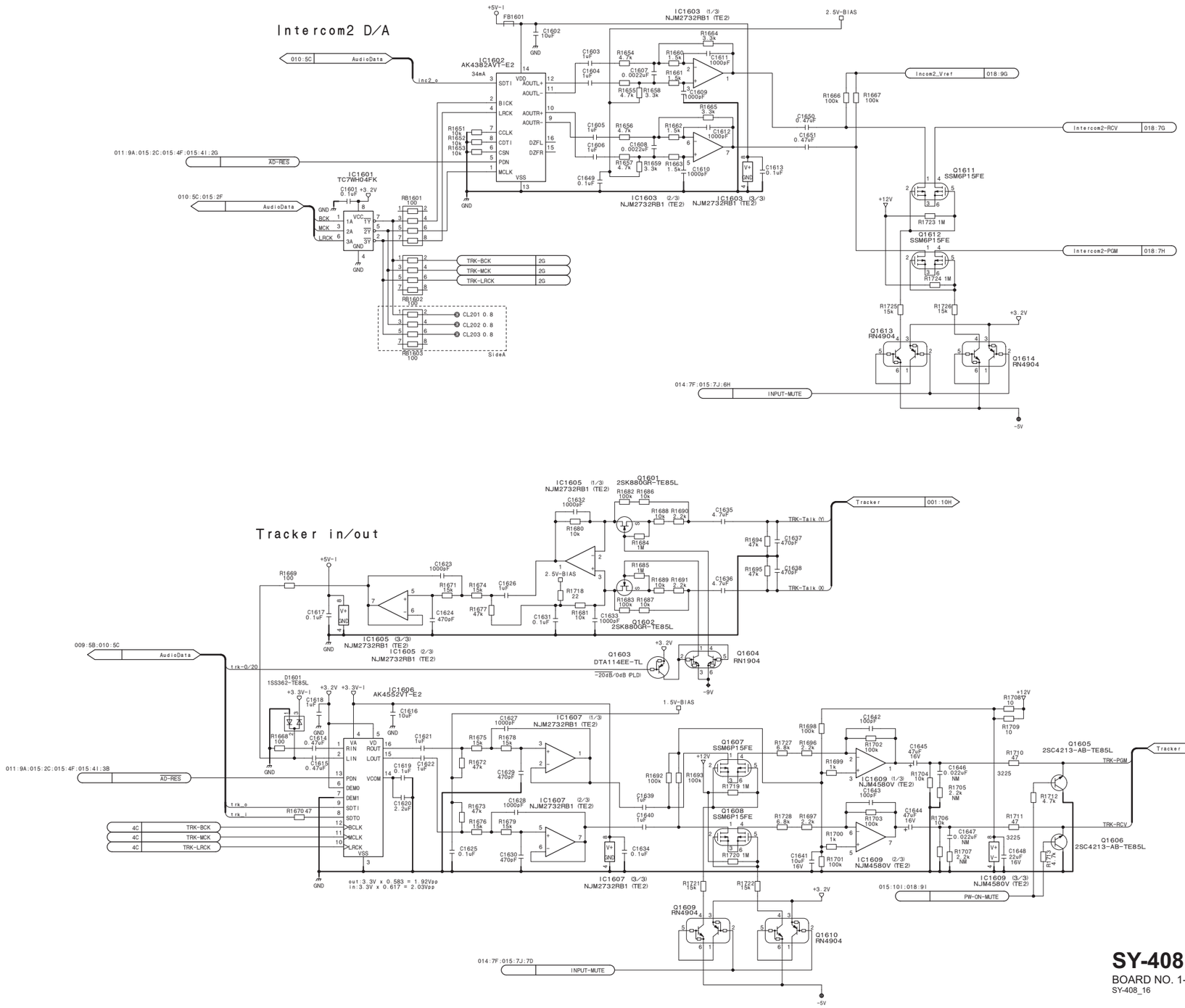
SY-408_14



SY-408 (15/19)

BOARD NO. 1-885-936-11

SY-408_15

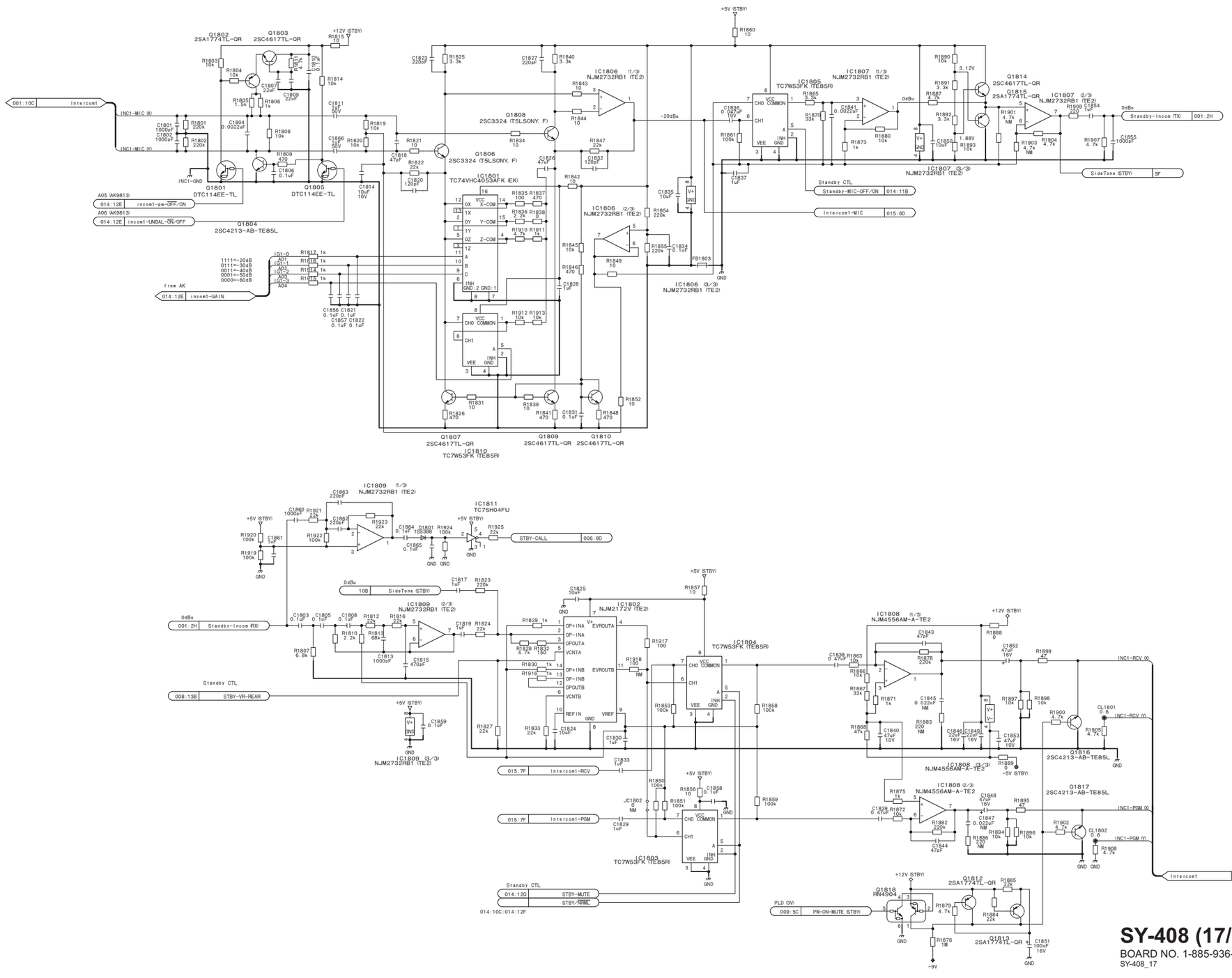


SY-408 (16/19)

BOARD NO. 1-885-936-11

SY-408_16

SY-408 (17/19)

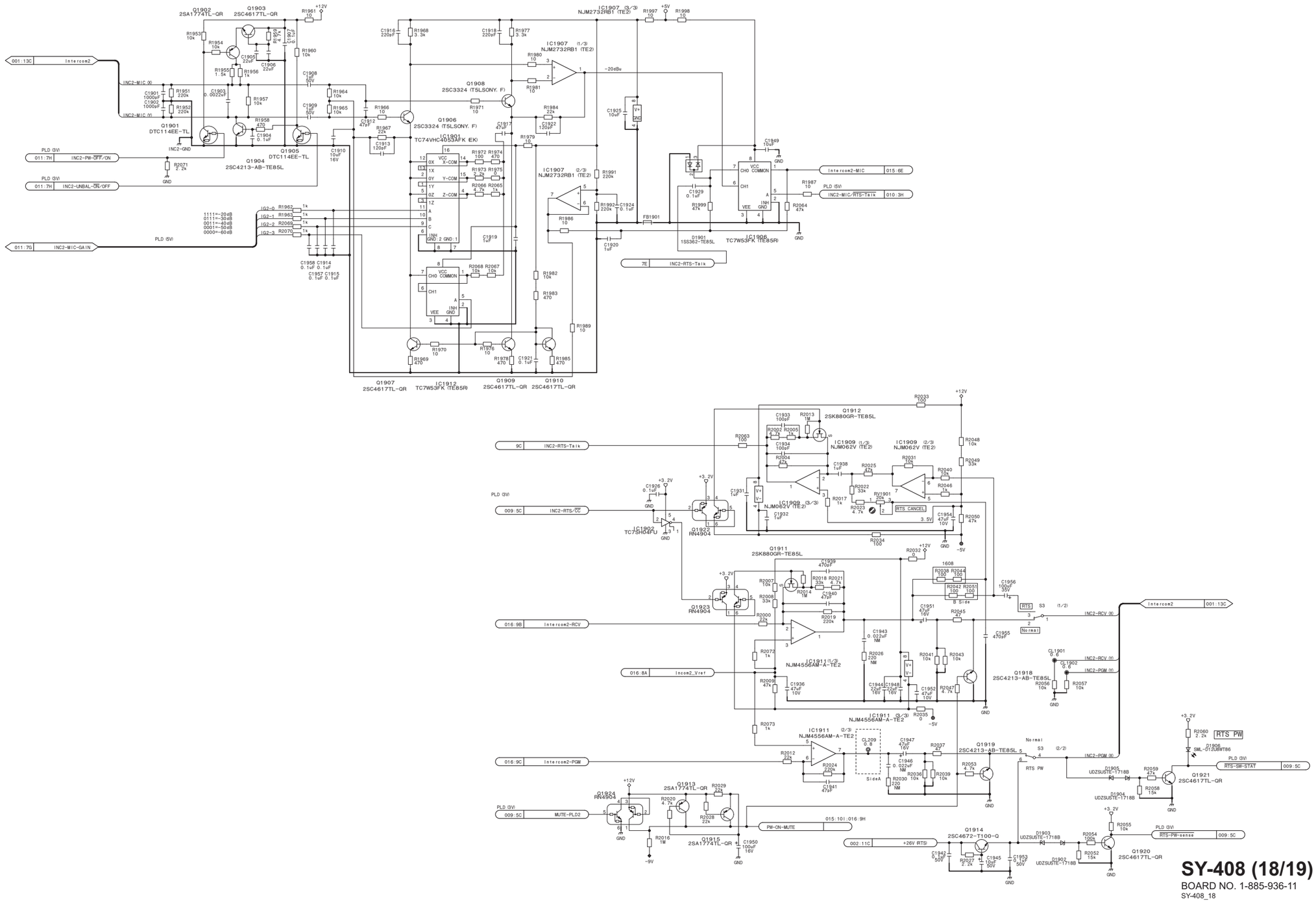


SY-408 (17/19)

BOARD NO. 1-885-936-11

SY-408_17

SY-408 (18/19)

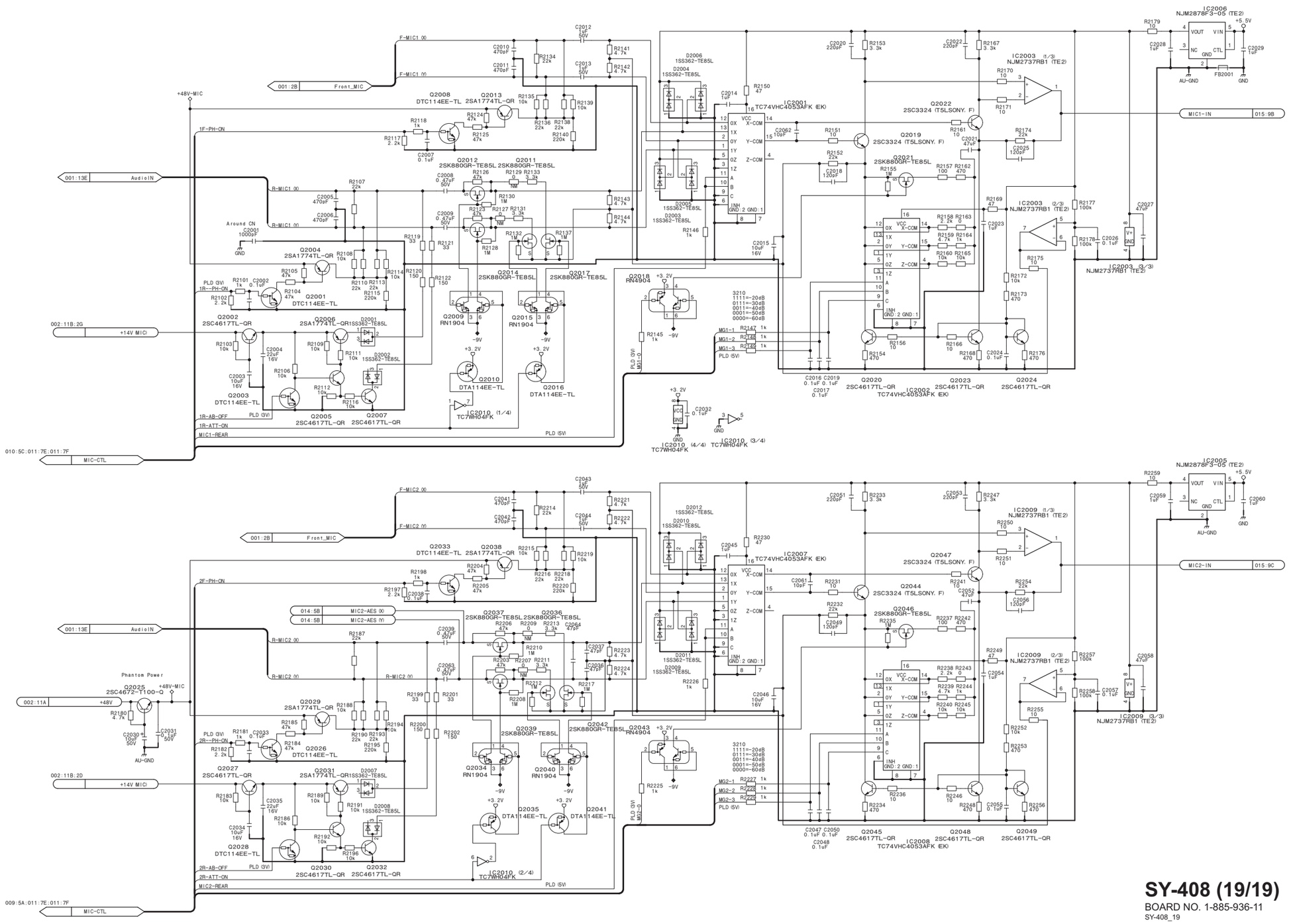


SY-408 (18/19)

BOARD NO. 1-885-936-11

SY-408_18

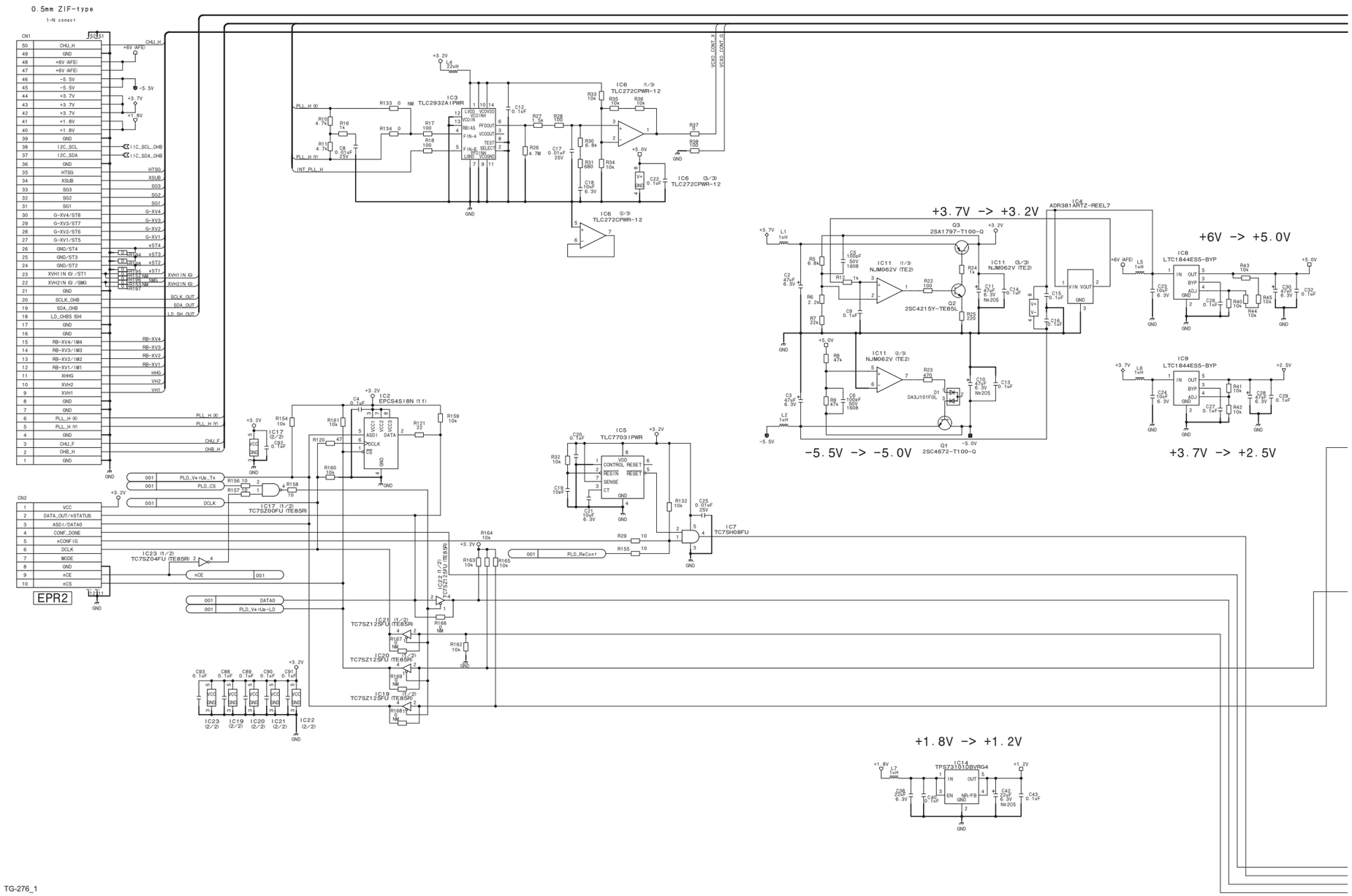
SY-408 (19/19)

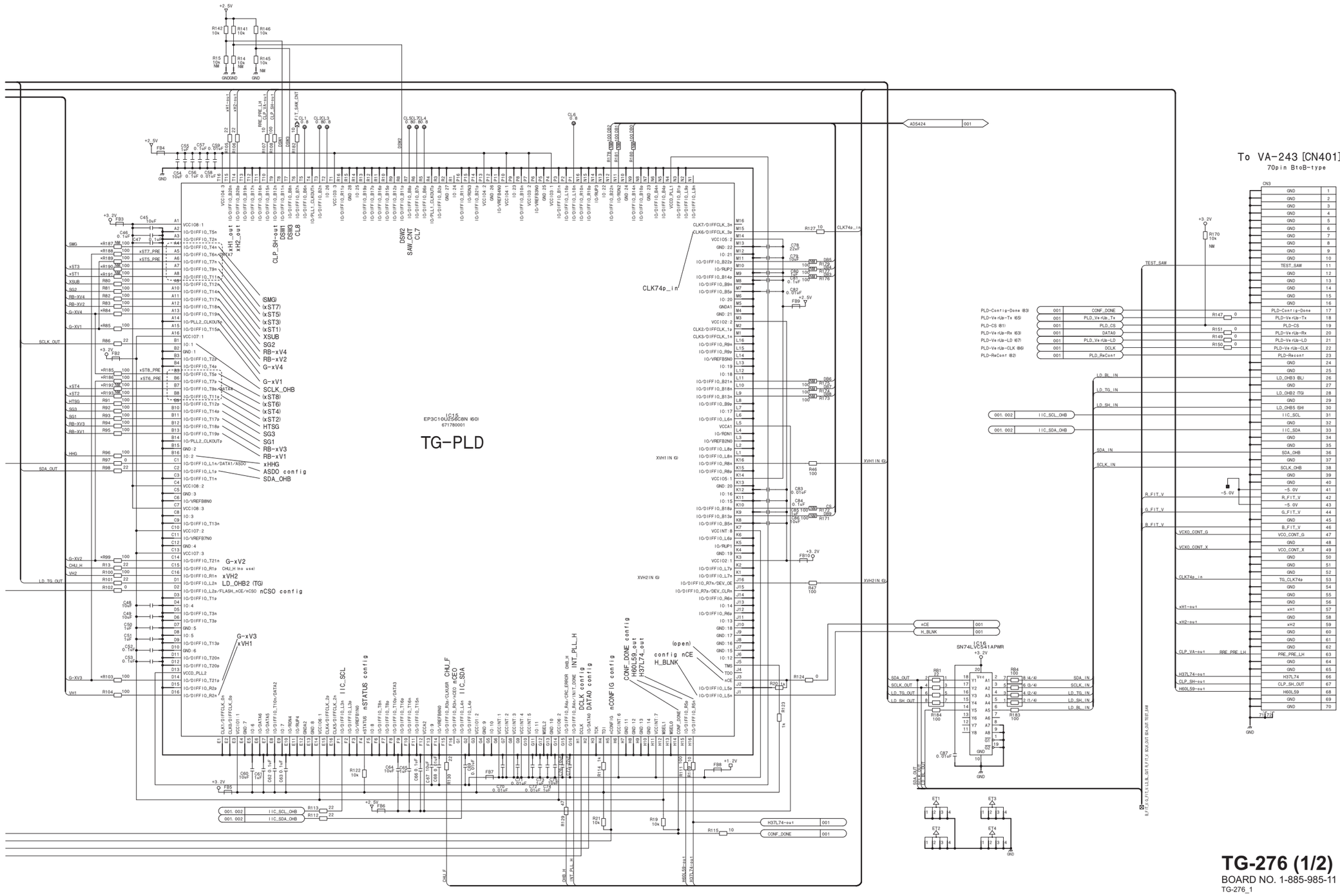


SY-408 (19/19)

BOARD NO. 1-885-936-11

SY-408_19

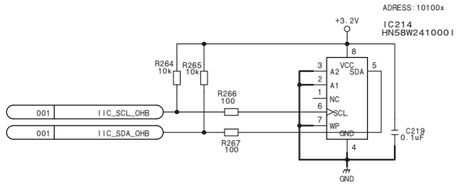

To DR-657 [CN1]
0.5mm ZIF-type
1-N connect
CN1
J5C151
CN2
EPR2
IC3 TLC2932AIPWR
IC6 TLC272CPWR-12
IC5 TLC7703IPWR
IC7 TC7SH08FU
IC2 EPCS4SI8N (I1)
IC17 TC7SZ00FU (TE85R)
IC23 TC7SZ04FU (TE85R)
IC21 TC7SZ125FU (TE85R)
IC20 TC7SZ125FU (TE85R)
IC19 TC7SZ125FU (TE85R)
+3.7V -> +3.2V
ADR381ARTZ-REEL7
Q3 2SA1797-T100-Q
Q2 2SC4215Y-TE85L
Q1 2SC4672-T100-Q
IC11 NJM062V (TE2)
+6V -> +5.0V
IC8 LTC1844ES5-BYP
-5.5V -> -5.0V
+3.7V -> +2.5V
IC9 LTC1844ES5-BYP
+1.8V -> +1.2V
IC14 TPS731101DBVRG4
PLD_Vs rUp_Tx
PLD_CS
DCLK
PLD_ReConf
DATA0
PLD_Vs rUp_LD
nCE
TG-276_1



TG-276 (1/2)

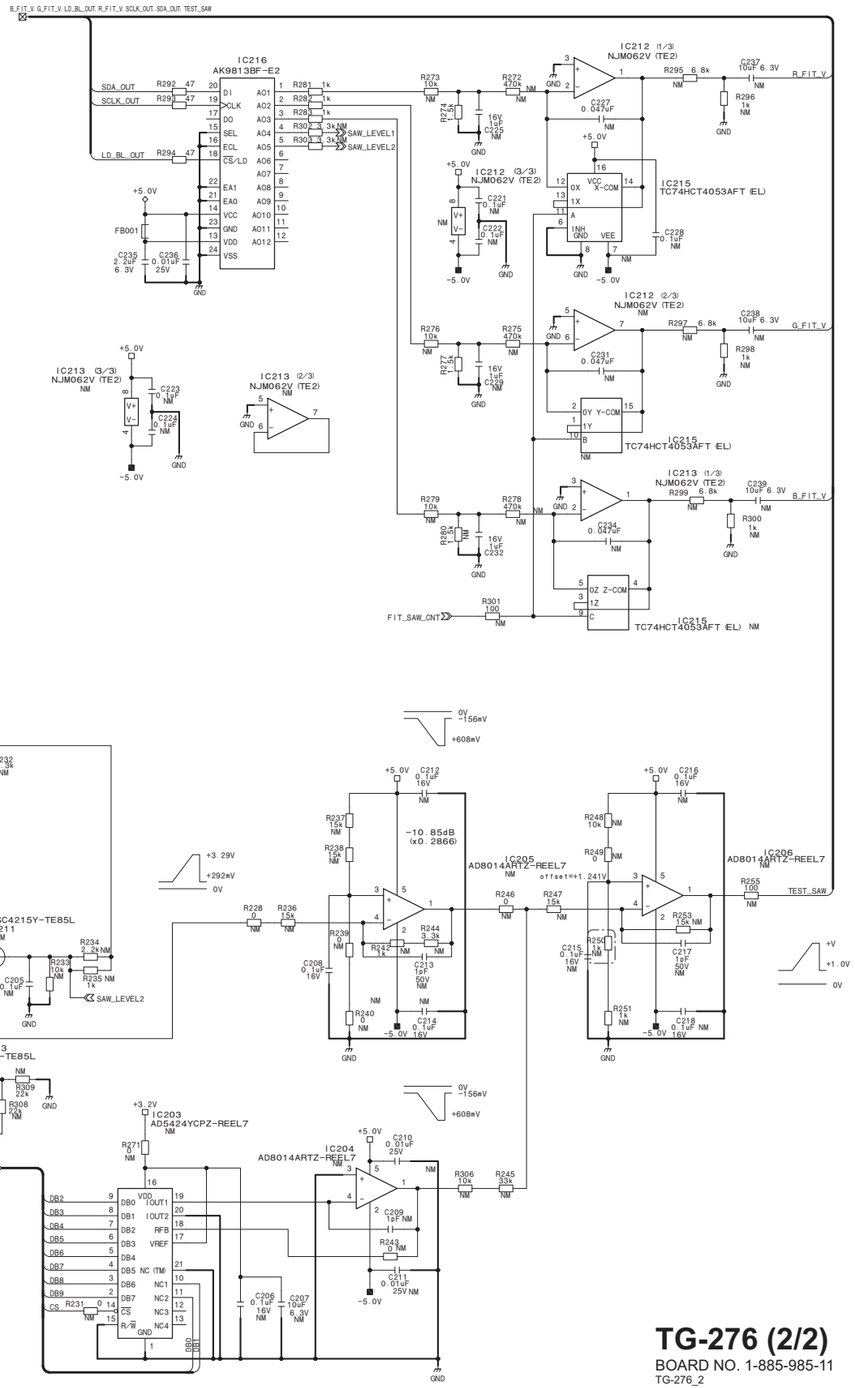
BOARD NO. 1-885-985-11

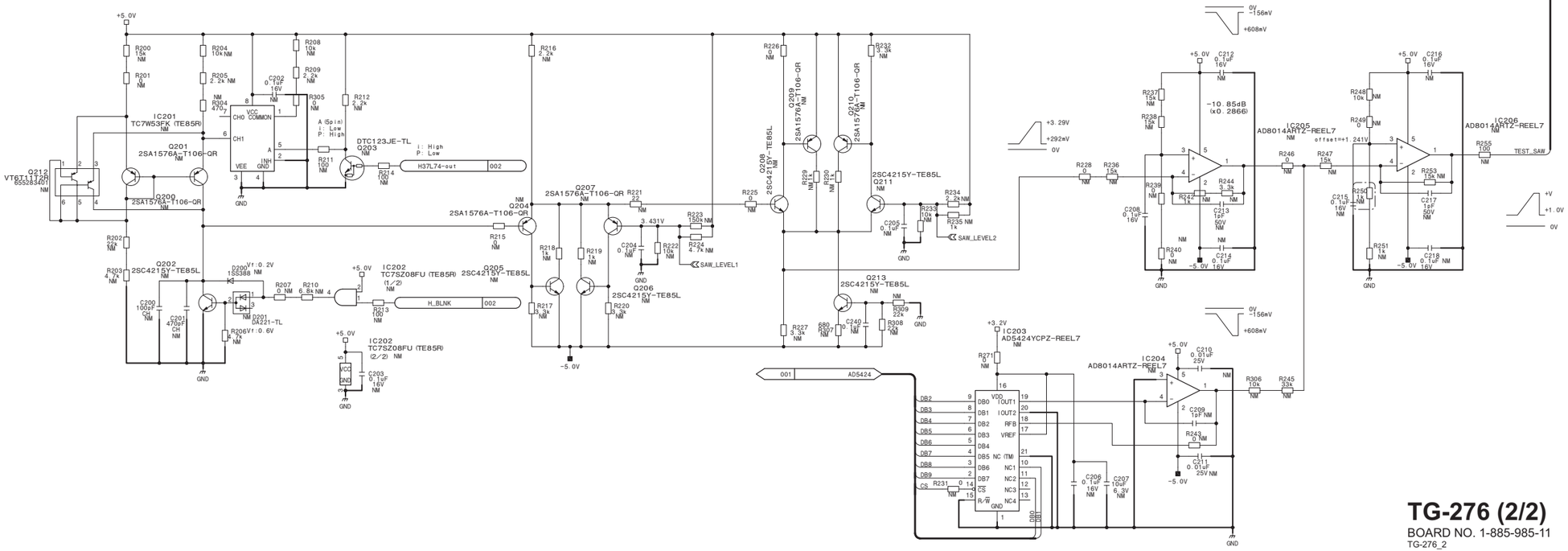
TG-276_1



Dummy part

L203 10uH

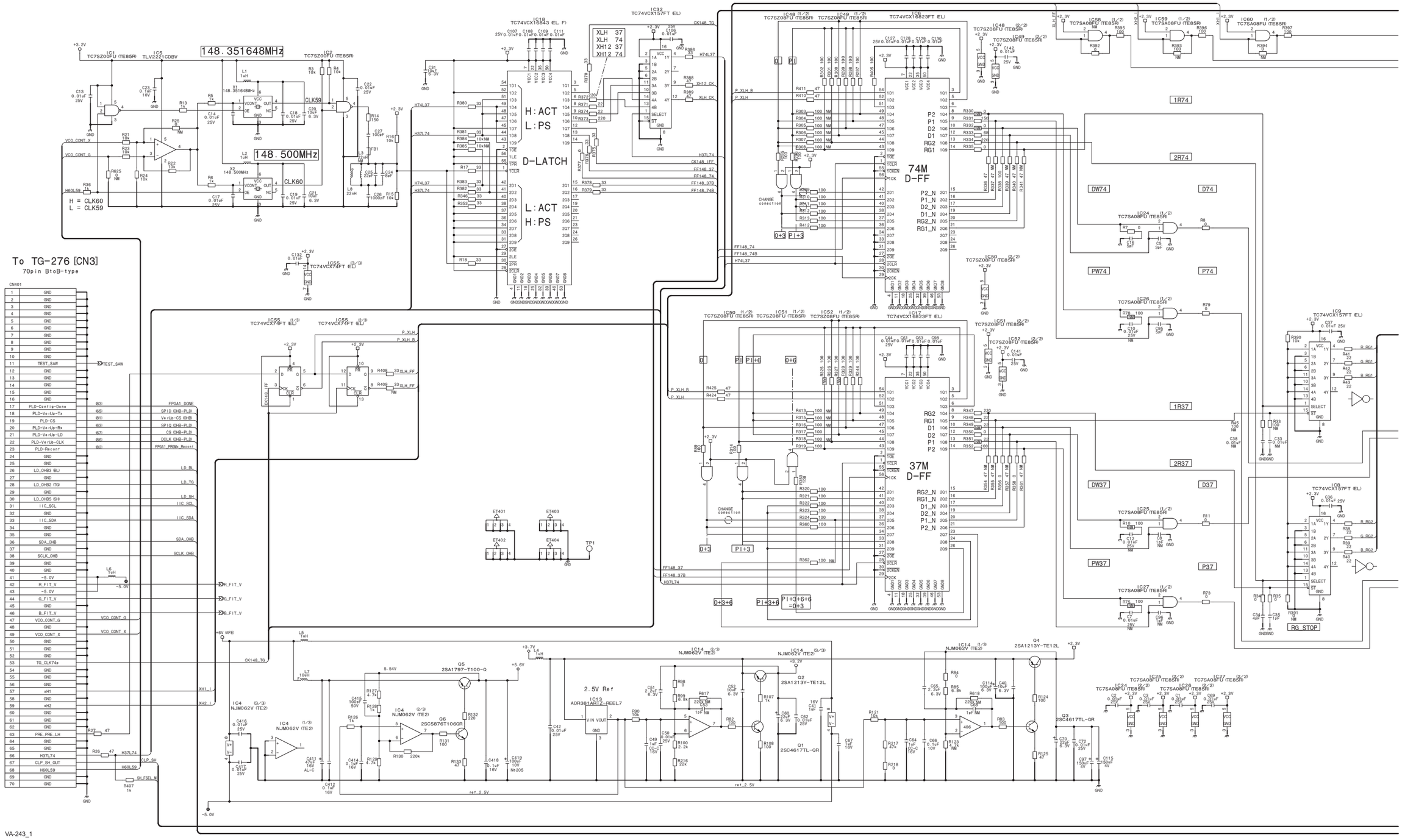




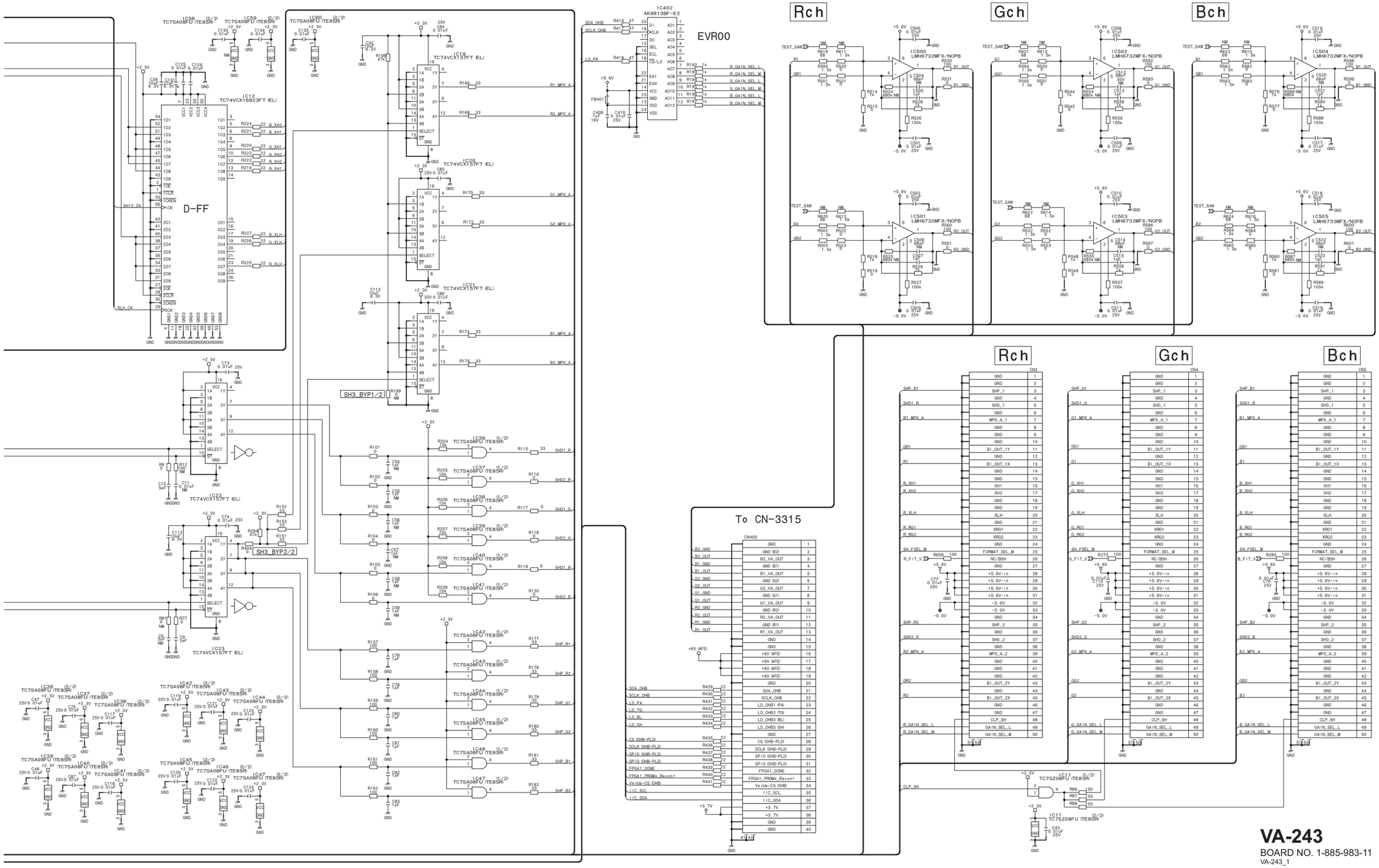
TG-276 (2/2)

BOARD NO. 1-885-985-11

TG-276_2


148.351648MHz
148.500MHz
CLK59
CLK60
H = CLK60
L = CLK59
H:ACT
L:PS
D-LATCH
L:ACT
H:PS
74M
D-FF
37M
D-FF
To TG-276 [CN3]
70pin BtoB-type
CN401
TEST_SAW
FPGA1_DONE
SPI0_IOHB-PLD1
Ve rUp-CS_IOHB
SPI0_IOHB-PLD3
CS_IOHB-PLD1
DCLK_IOHB-PLD1
FPGA1_PROGRAM_Reset
LD_BL
LD_TG
LD_SH
IIC_SCL
IIC_SDA
SDA_OHB
SCLK_OHB
R_F1T_V
G_F1T_V
B_F1T_V
VCO_CONT_G
VCO_CONT_X
CLP_SH
SH_FSEL_M
XH1_I
XH2_I
CK148_TG
H37L74
H60L59
P_XLH
P_XLH_B
XLH_FF
CHANGE connection
RG_STOP
1R74
2R74
DW74
D74
PW74
P74
1R37
2R37
DW37
D37
PW37
P37

VA-243_1

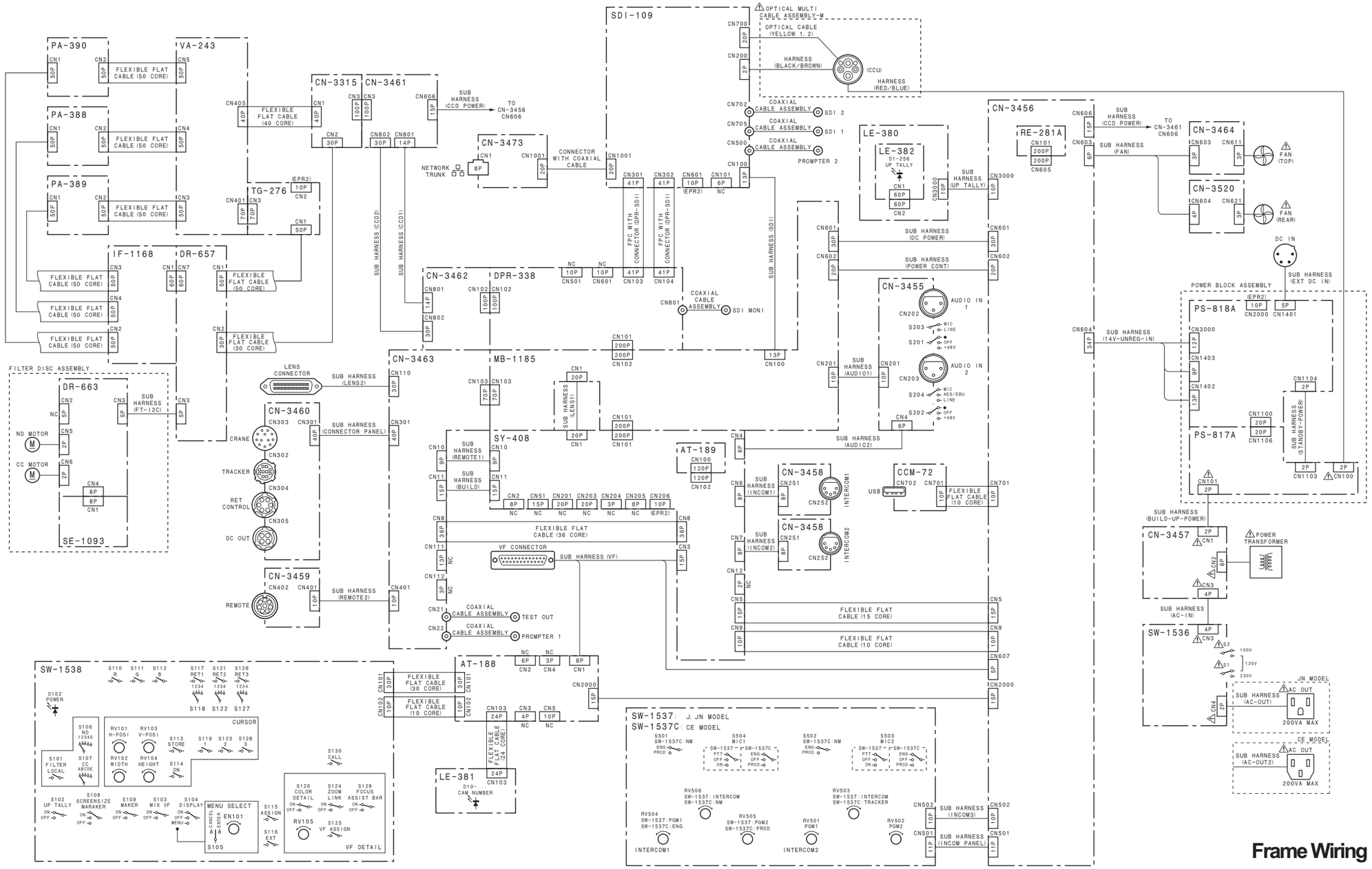


VA-243

BOARD NO. 1-885-983-11

VA-243_1

Frame Wiring

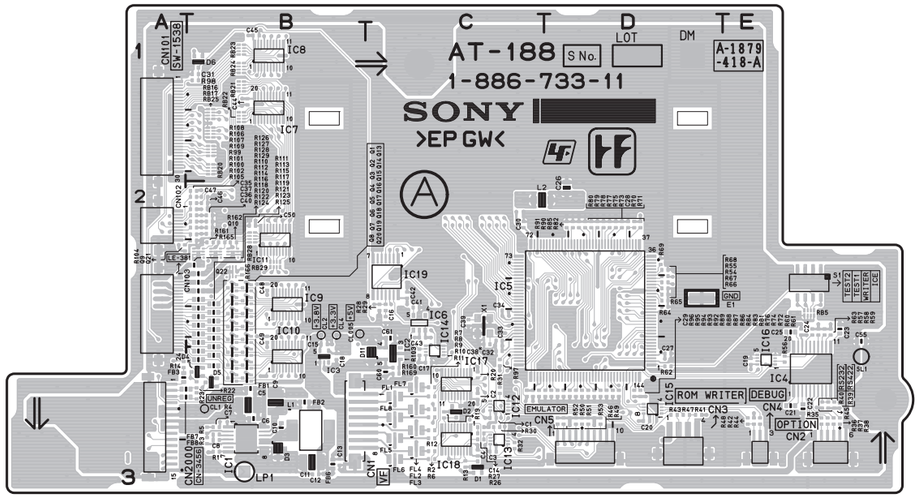


Frame Wiring

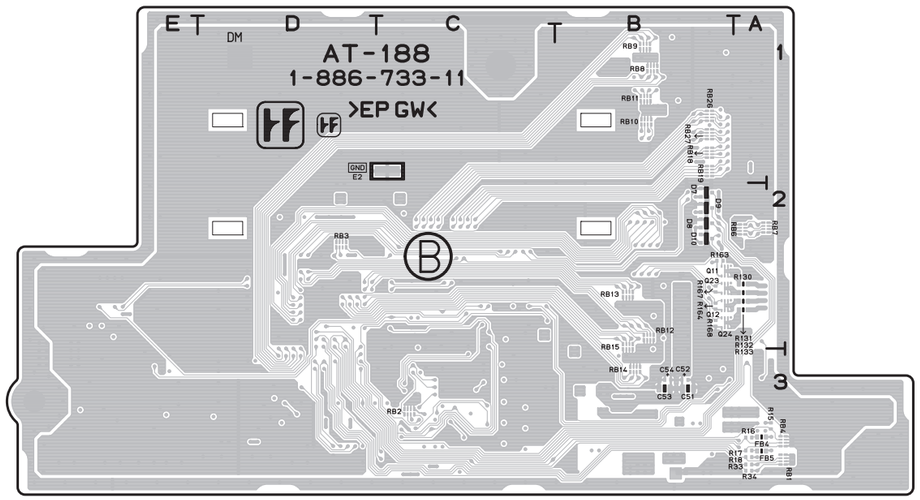
Section 9
Board Layouts

AT-188

The location is described at the end in this section.



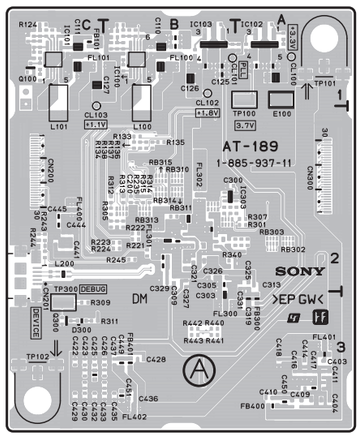
AT-188 -A SIDE-
SUFFIX: -11



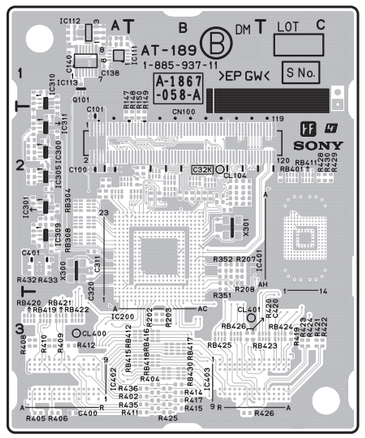
AT-188 -B SIDE-
SUFFIX: -11

AT-189

The location is described at the end in this section.



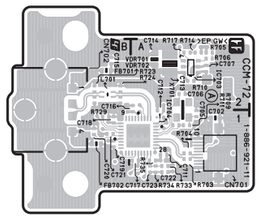
AT-189 -A SIDE-
SUFFIX: -11



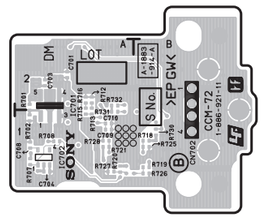
AT-189 -B SIDE-
SUFFIX: -11

CCM-72

The location is described at the end in this section.



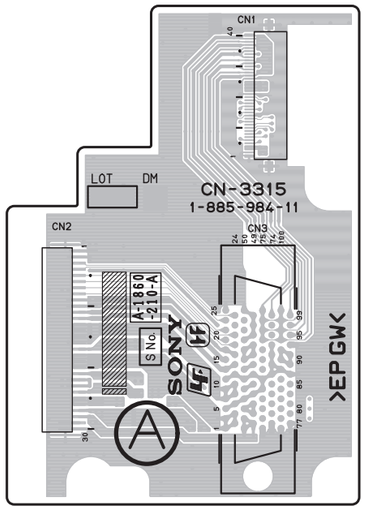
CCM-72 -A SIDE-
SUFFIX: -11



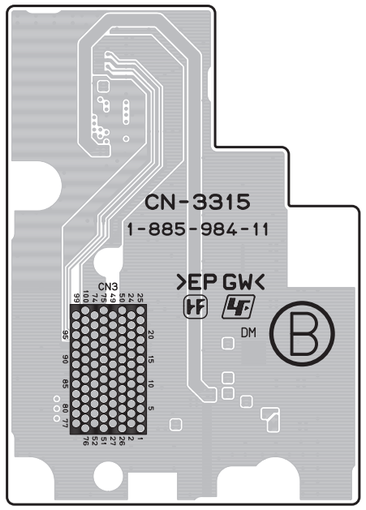
CCM-72 -B SIDE-
SUFFIX: -11

CN-3315

The location is described at the end in this section.



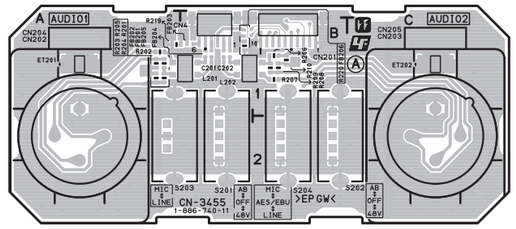
CN-3315 -A SIDE-
SUFFIX: -11



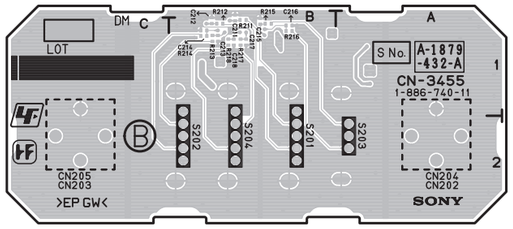
CN-3315 -B SIDE-
SUFFIX: -11

CN-3455

The location is described at the end in this section.



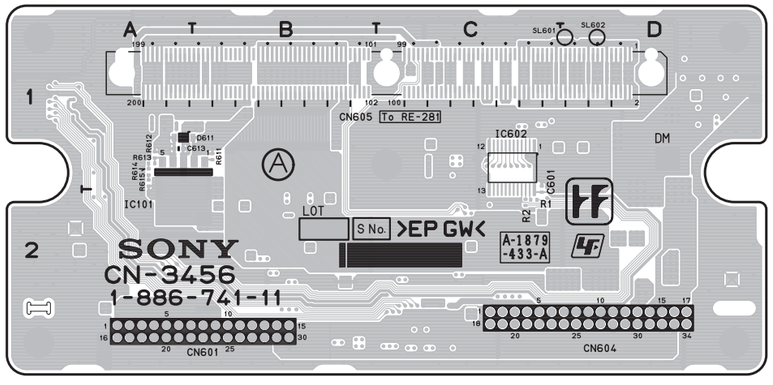
CN-3455 -A SIDE-
SUFFIX: -11



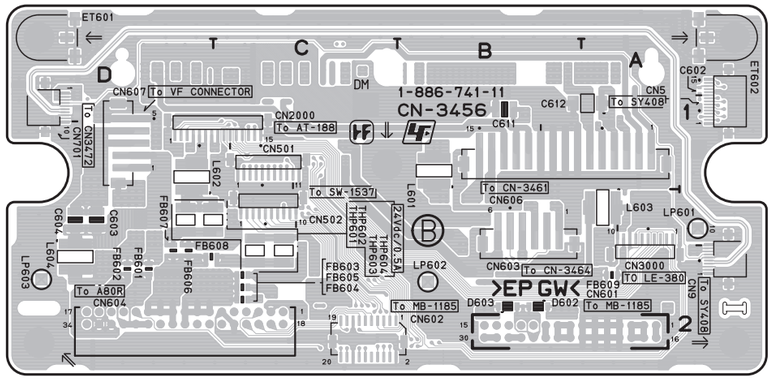
CN-3455 -B SIDE-
SUFFIX: -11

CN-3456

The location is described at the end in this section.



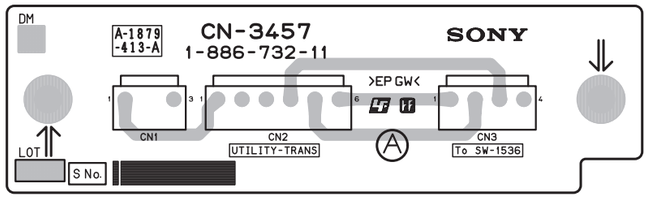
CN-3456 -A SIDE-
SUFFIX: -11



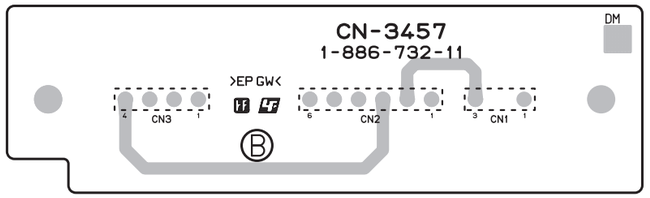
CN-3456 -B SIDE-
SUFFIX: -11

CN-3457

The location is described at the end in this section.



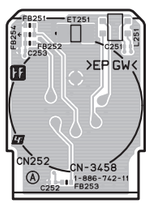
CN-3457 -A SIDE-
SUFFIX: -11



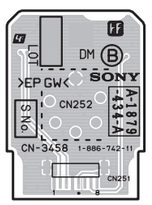
CN-3457 -B SIDE-
SUFFIX: -11

CN-3458

The location is described at the end in this section.



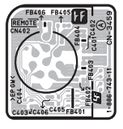
CN-3458 -A SIDE-
SUFFIX: -11



CN-3458 -B SIDE-
SUFFIX: -11

CN-3459

The location is described at the end in this section.

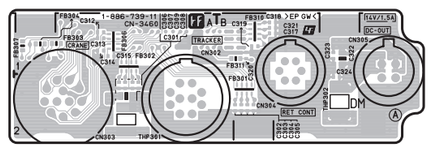


CN-3459 -A SIDE-
SUFFIX: -11

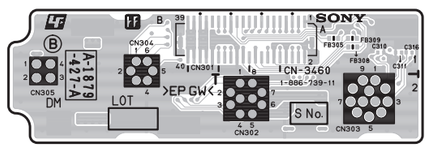
CN-3459 -B SIDE-
SUFFIX: -11

CN-3460

The location is described at the end in this section.



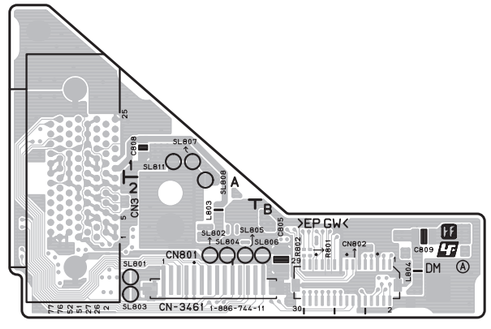
CN-3460 -A SIDE-
SUFFIX: -11



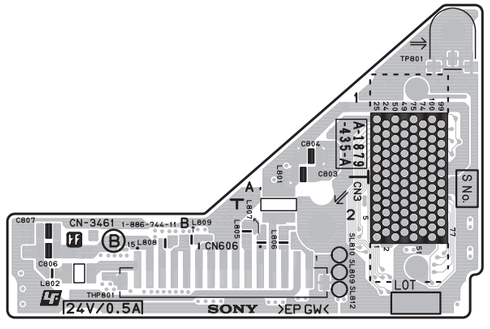
CN-3460 -B SIDE-
SUFFIX: -11

CN-3461

The location is described at the end in this section.



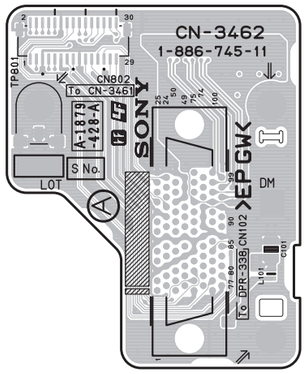
CN-3461 -A SIDE-
SUFFIX: -11



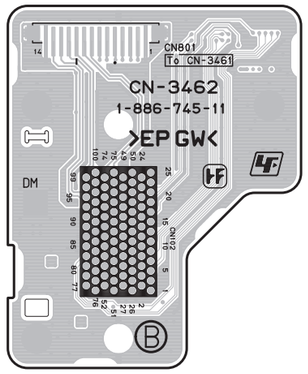
CN-3461 -B SIDE-
SUFFIX: -11

CN-3462

The location is described at the end in this section.



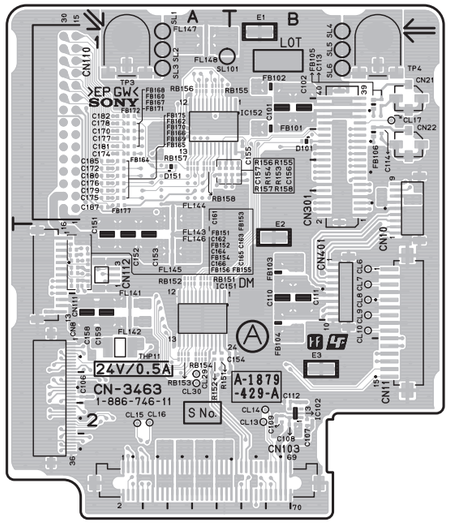
CN-3462 -A SIDE-
SUFFIX: -11



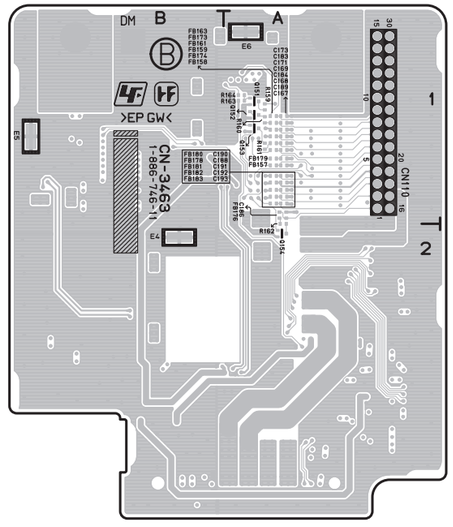
CN-3462 -B SIDE-
SUFFIX: -11

CN-3463

The location is described at the end in this section.



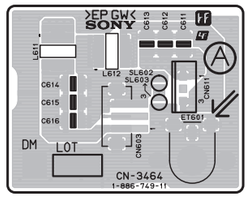
CN-3463 -A SIDE-
SUFFIX: -11



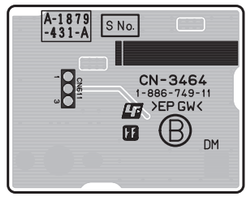
CN-3463 -B SIDE-
SUFFIX: -11

CN-3464

The location is described at the end in this section.



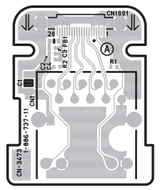
CN-3464 -A SIDE-
SUFFIX: -11



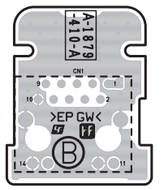
CN-3464 -B SIDE-
SUFFIX: -11

CN-3473

The location is described at the end in this section.



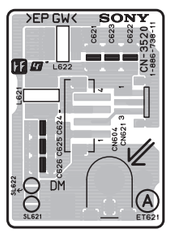
CN-3473 -A SIDE-
SUFFIX: -11



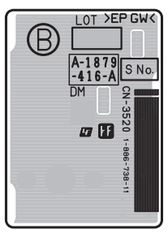
CN-3473 -B SIDE-
SUFFIX: -11

CN-3520

The location is described at the end in this section.



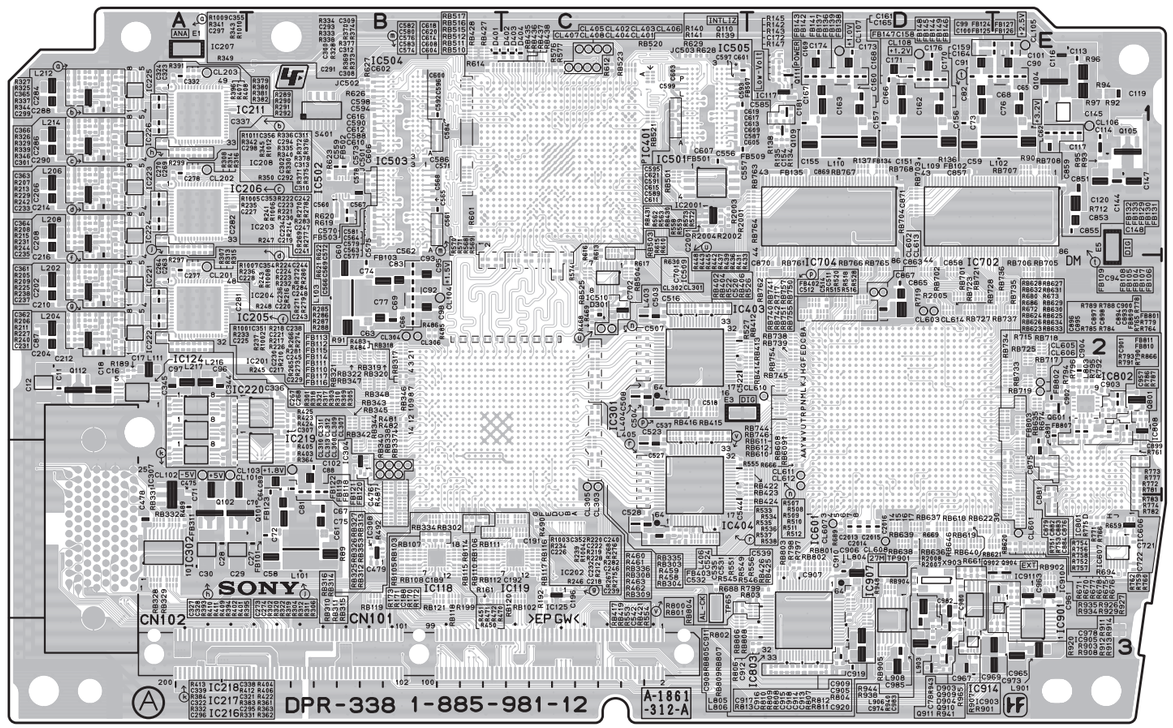
CN-3520 -A SIDE-
SUFFIX: -11



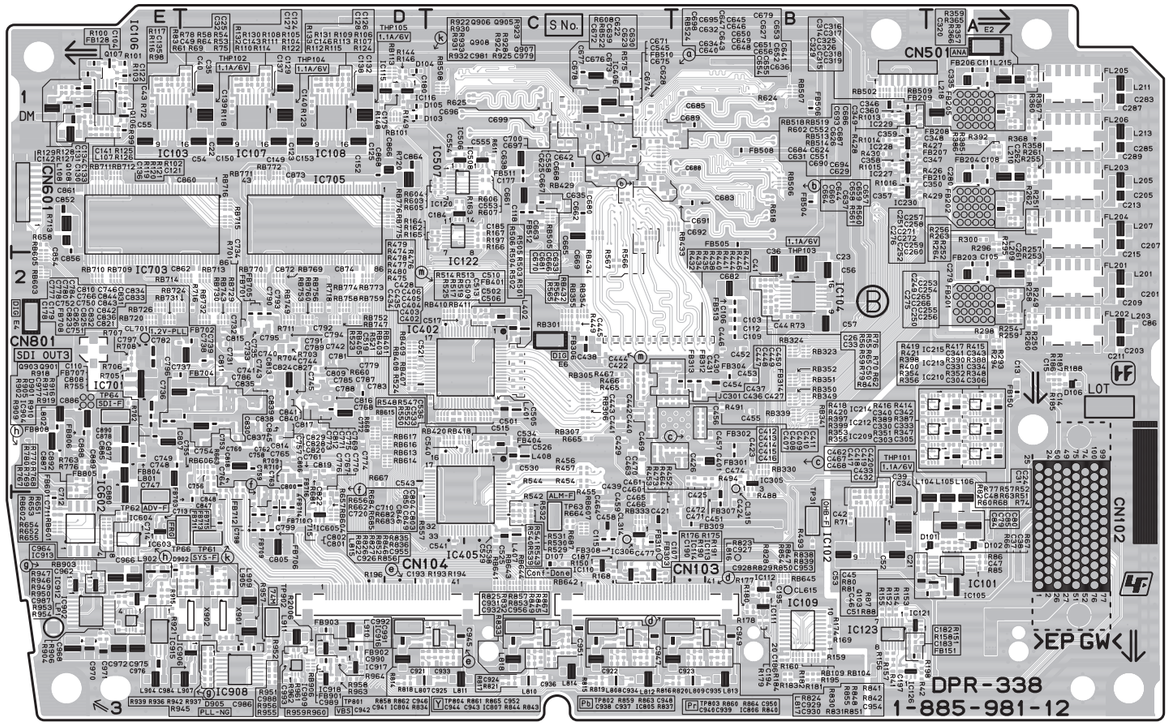
CN-3520 -B SIDE-
SUFFIX: -11

DPR-338

The location is described at the end in this section.



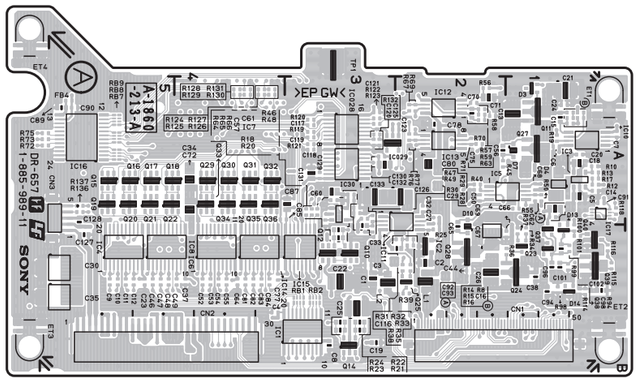
DPR-338 -A SIDE-
SUFFIX: -12



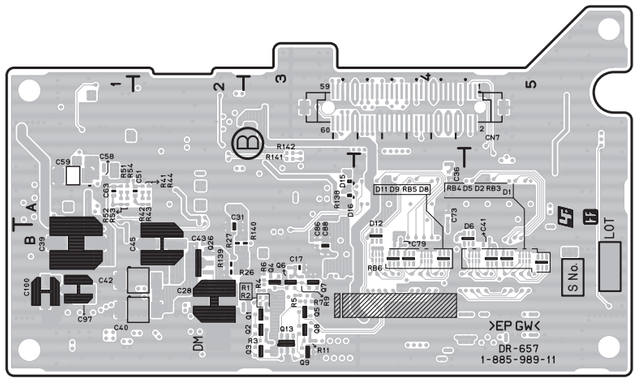
DPR-338 -B SIDE-
SUFFIX: -12

DR-657

The location is described at the end in this section.



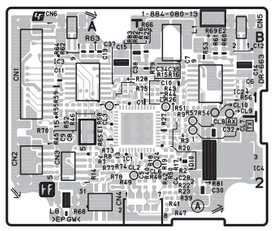
DR-657 -A SIDE-
SUFFIX: -11



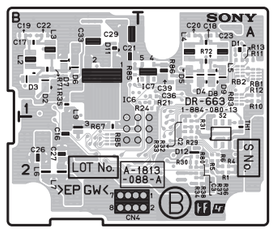
DR-657 -B SIDE-
SUFFIX: -11

DR-663

The location is described at the end in this section.



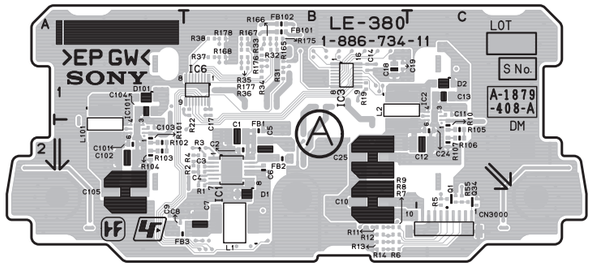
DR-663 -A SIDE-
SUFFIX: -13



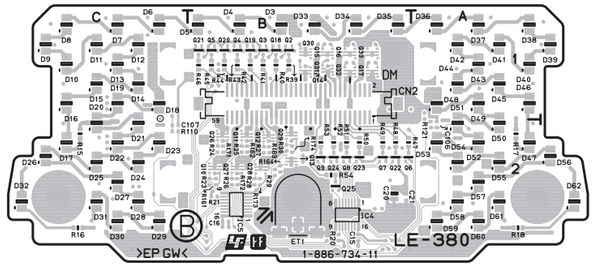
DR-663 -A SIDE-
SUFFIX: -13

LE-380

The location is described at the end in this section.



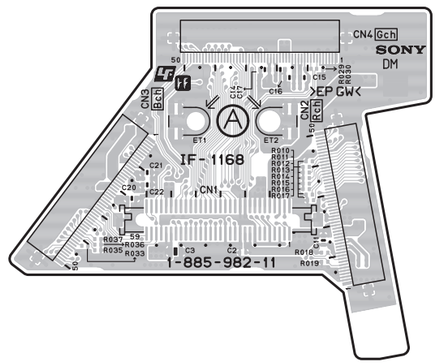
LE-380 -A SIDE-
SUFFIX: -11



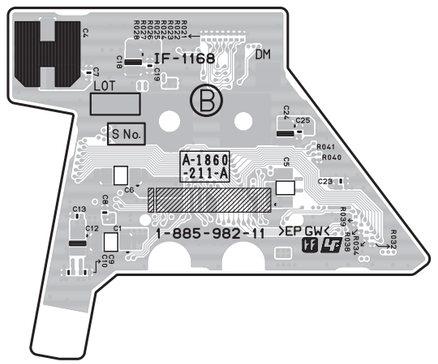
LE-380 -B SIDE-
SUFFIX: -11

IF-1168

The location is described at the end in this section.



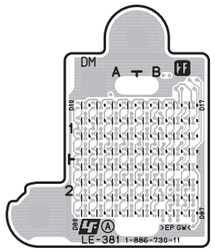
IF-1168 -A SIDE-
SUFFIX: -11



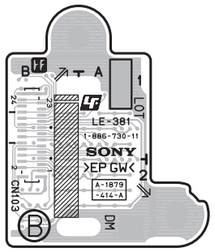
IF-1168 -B SIDE-
SUFFIX: -11

LE-381

The location is described at the end in this section.



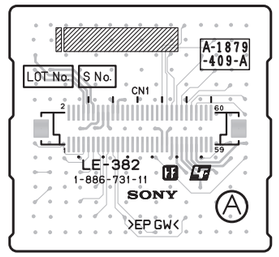
LE-381 -A SIDE-
SUFFIX: -11



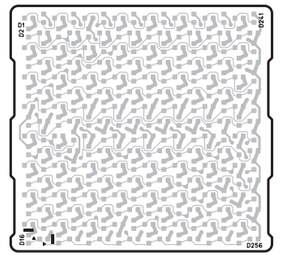
LE-381 -B SIDE-
SUFFIX: -11

LE-382

The location is described at the end in this section.



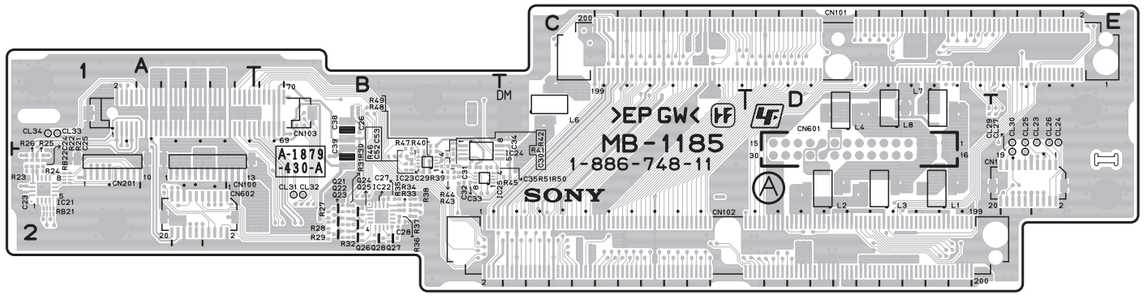
LE-382 -A SIDE-
SUFFIX: -11



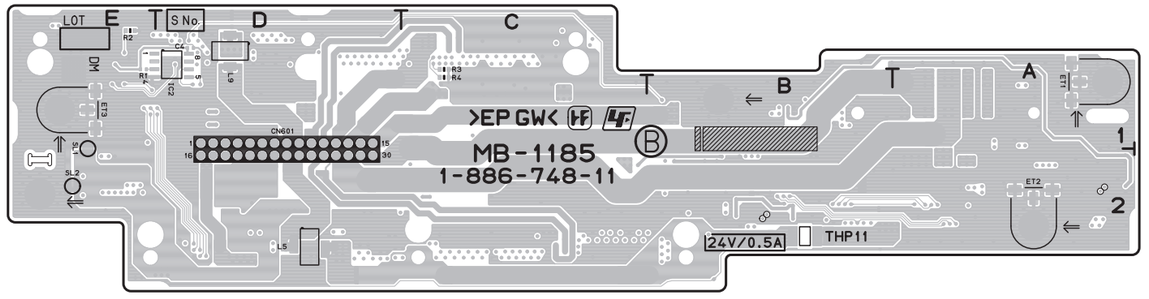
LE-382 -B SIDE-
SUFFIX: -11

MB-1185

The location is described at the end in this section.



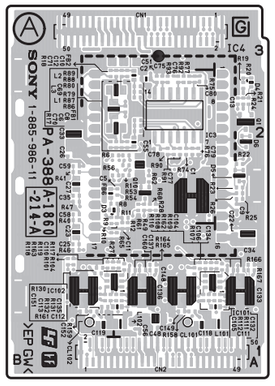
MB-1185 -A SIDE-
SUFFIX: -11



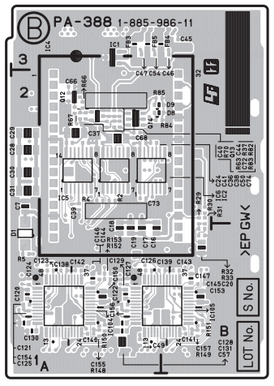
MB-1185 -B SIDE-
SUFFIX: -11

PA-388

The location is described at the end in this section.



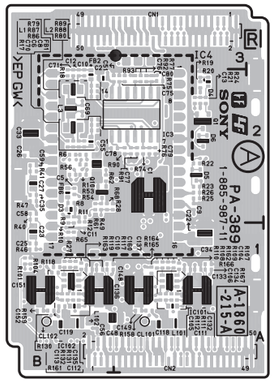
PA-388 -A SIDE-
SUFFIX: -11



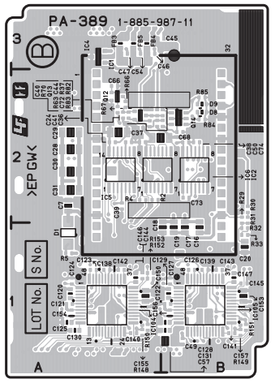
PA-388 -B SIDE-
SUFFIX: -11

PA-389

The location is described at the end in this section.



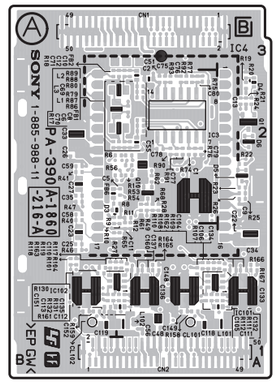
PA-389 -A SIDE-
SUFFIX: -11



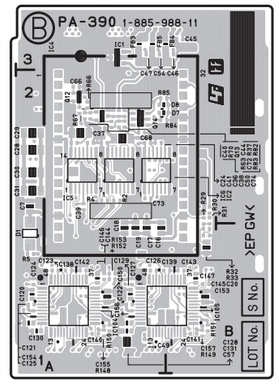
PA-389 -B SIDE-
SUFFIX: -11

PA-390

The location is described at the end in this section.



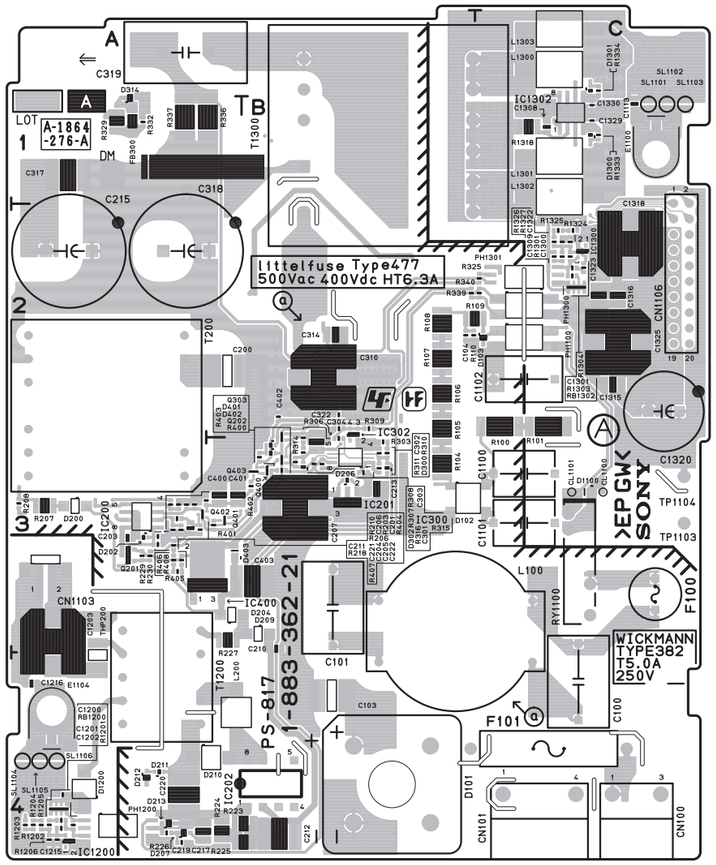
PA-390 -A SIDE-
SUFFIX: -11



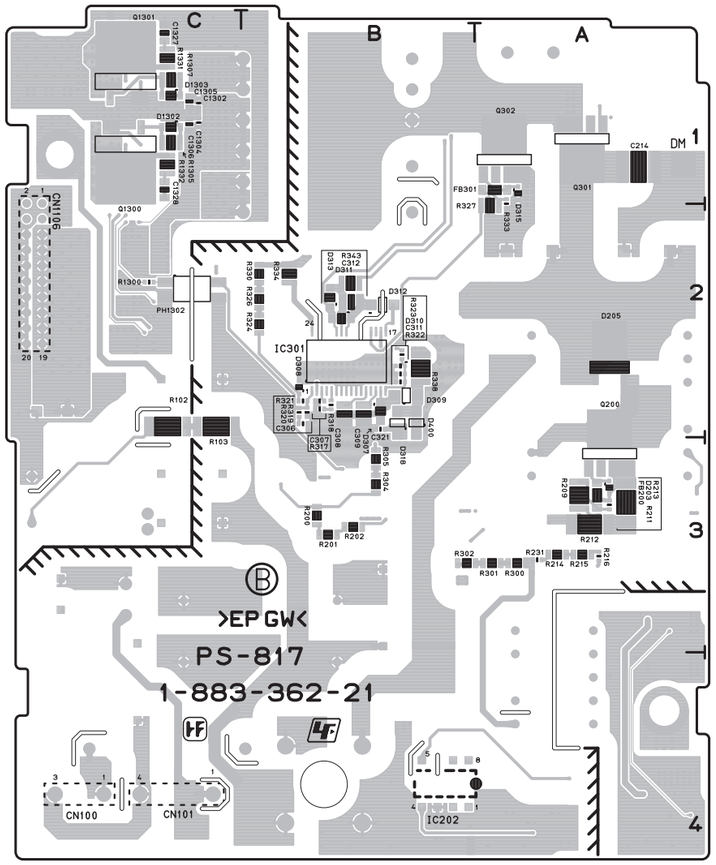
PA-390 -B SIDE-
SUFFIX: -11

PS-817A

The location is described at the end in this section.



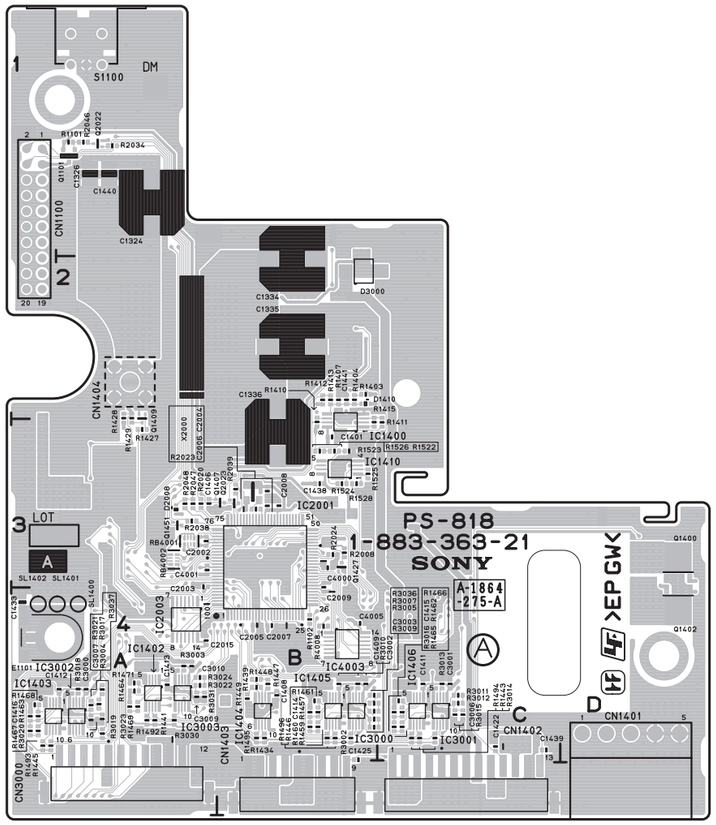
PS-817A -A SIDE-
SUFFIX: -21



PS-817A -B SIDE-
SUFFIX: -21

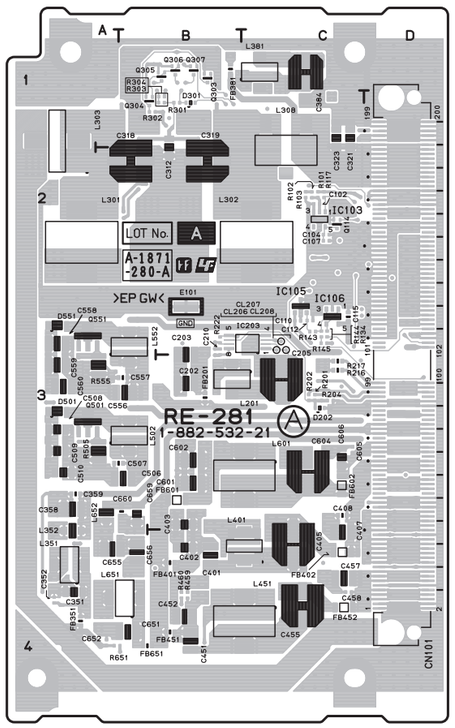
PS-818A

The location is described at the end in this section.

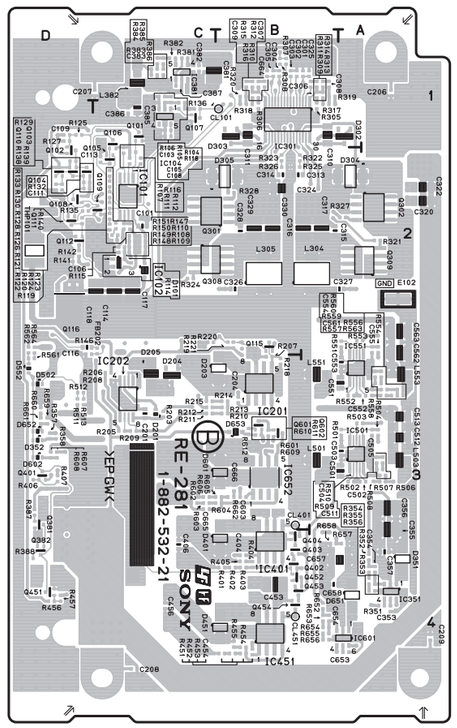


RE-281A

The location is described at the end in this section.



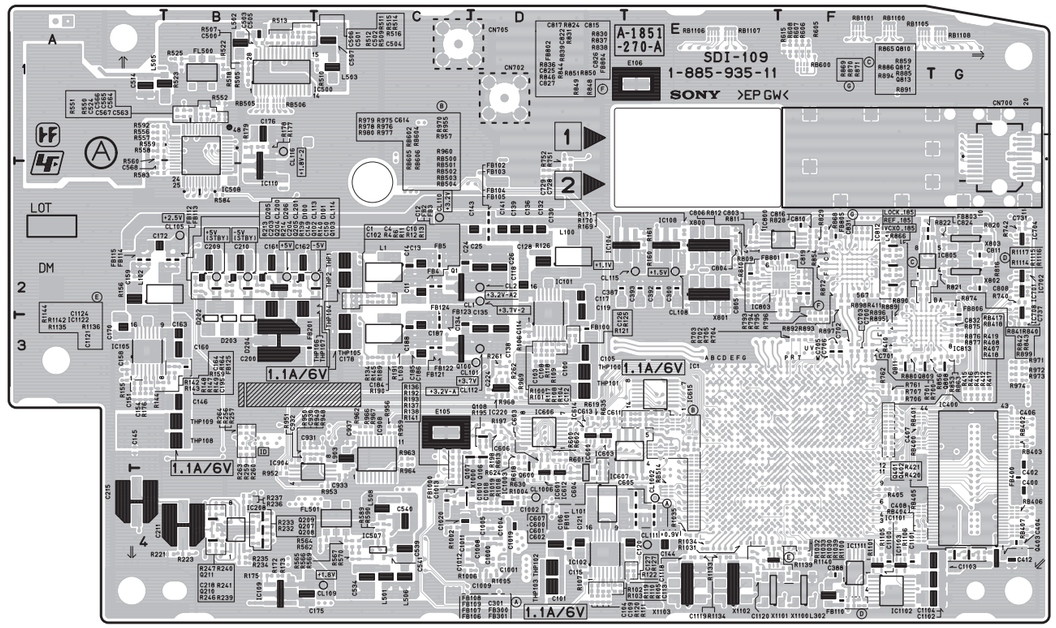
RE-281A -A SIDE-
SUFFIX: -21



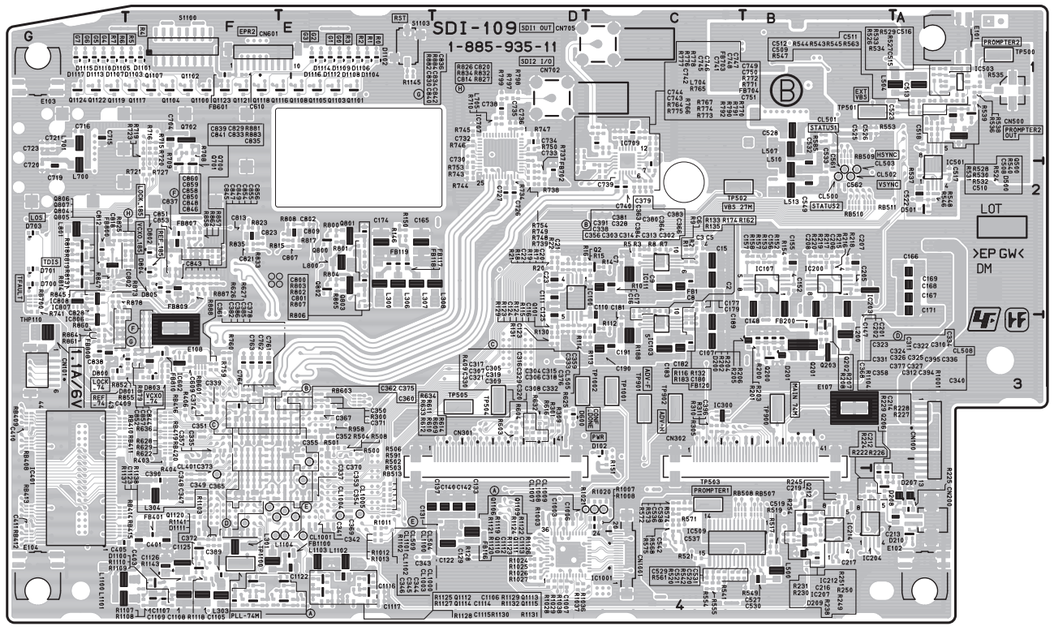
RE-281A -B SIDE-
SUFFIX: -21

SDI-109

The location is described at the end in this section.



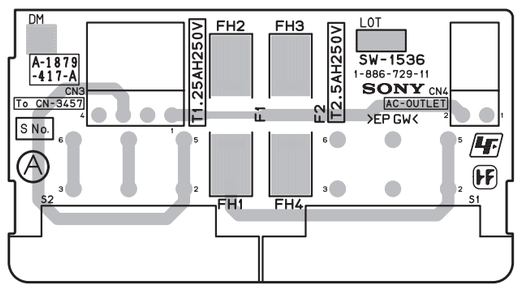
SDI-109 -A SIDE-
SUFFIX: -11



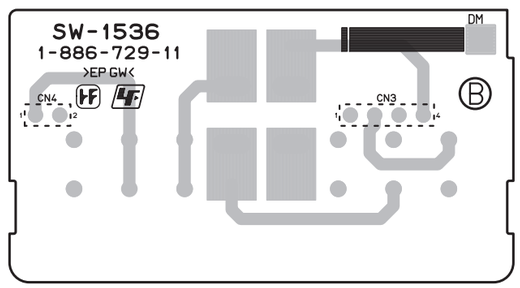
SDI-109 -B SIDE-
SUFFIX: -11

SW-1536

The location is described at the end in this section.



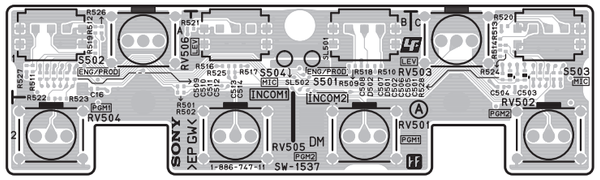
SW-1536 -A SIDE-
SUFFIX: -11



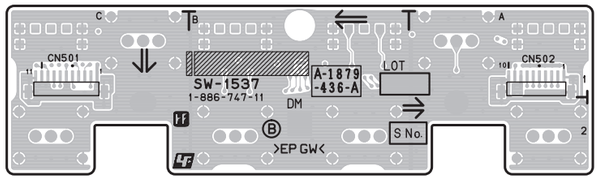
SW-1536 -B SIDE-
SUFFIX: -11

SW-1537/1537C

The location is described at the end in this section.



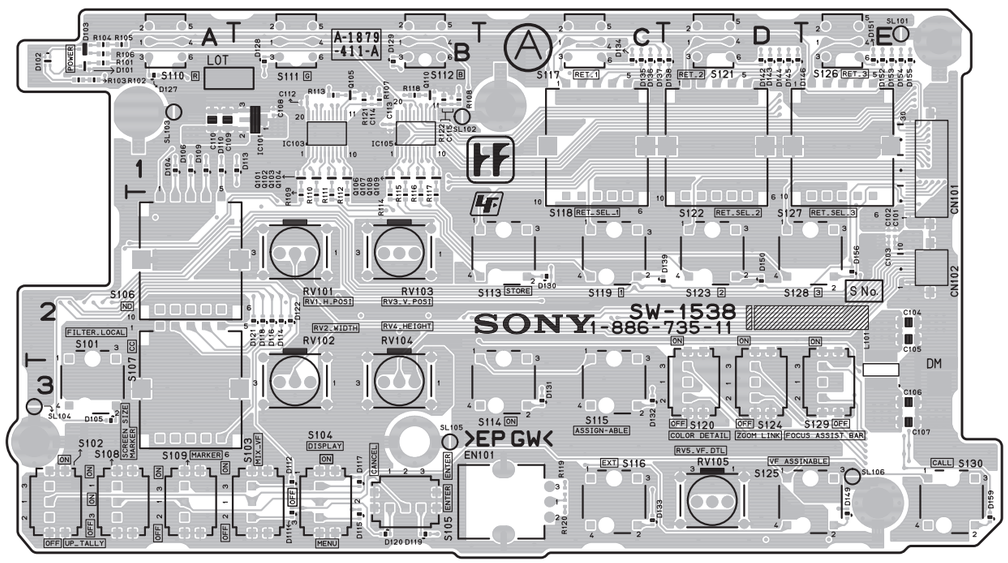
SW-1537/1537C -A SIDE-
SUFFIX: -11



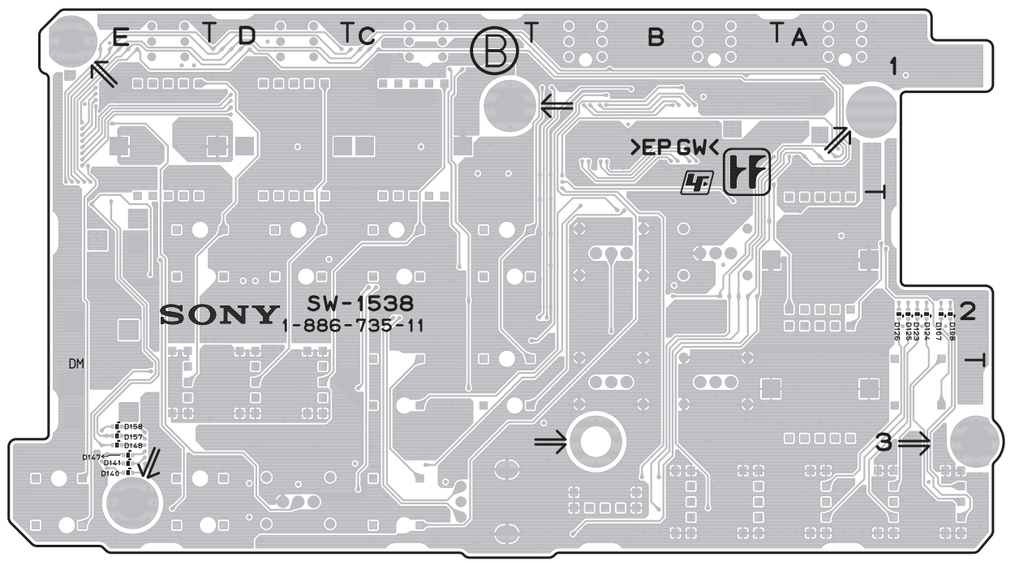
SW-1537/1537C -B SIDE-
SUFFIX: -11

SW-1538

The location is described at the end in this section.



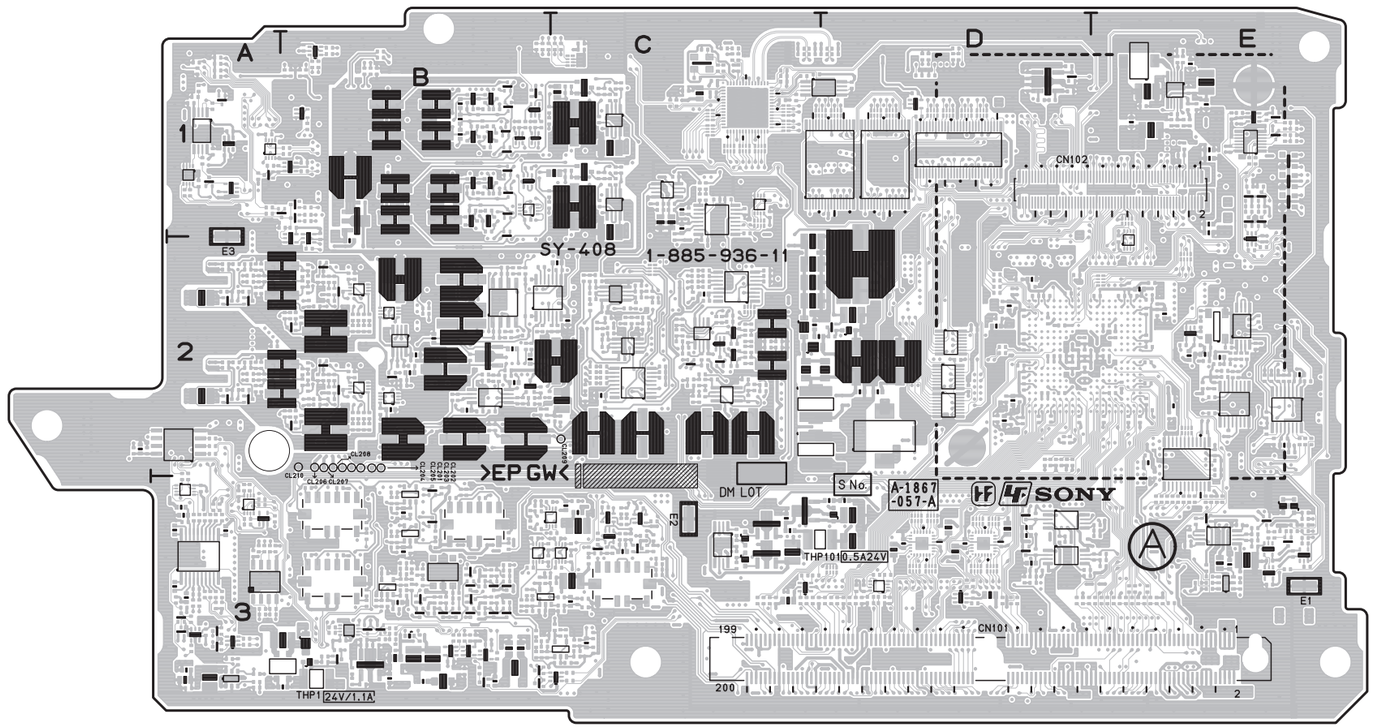
SW-1538 -A SIDE-
SUFFIX: -11



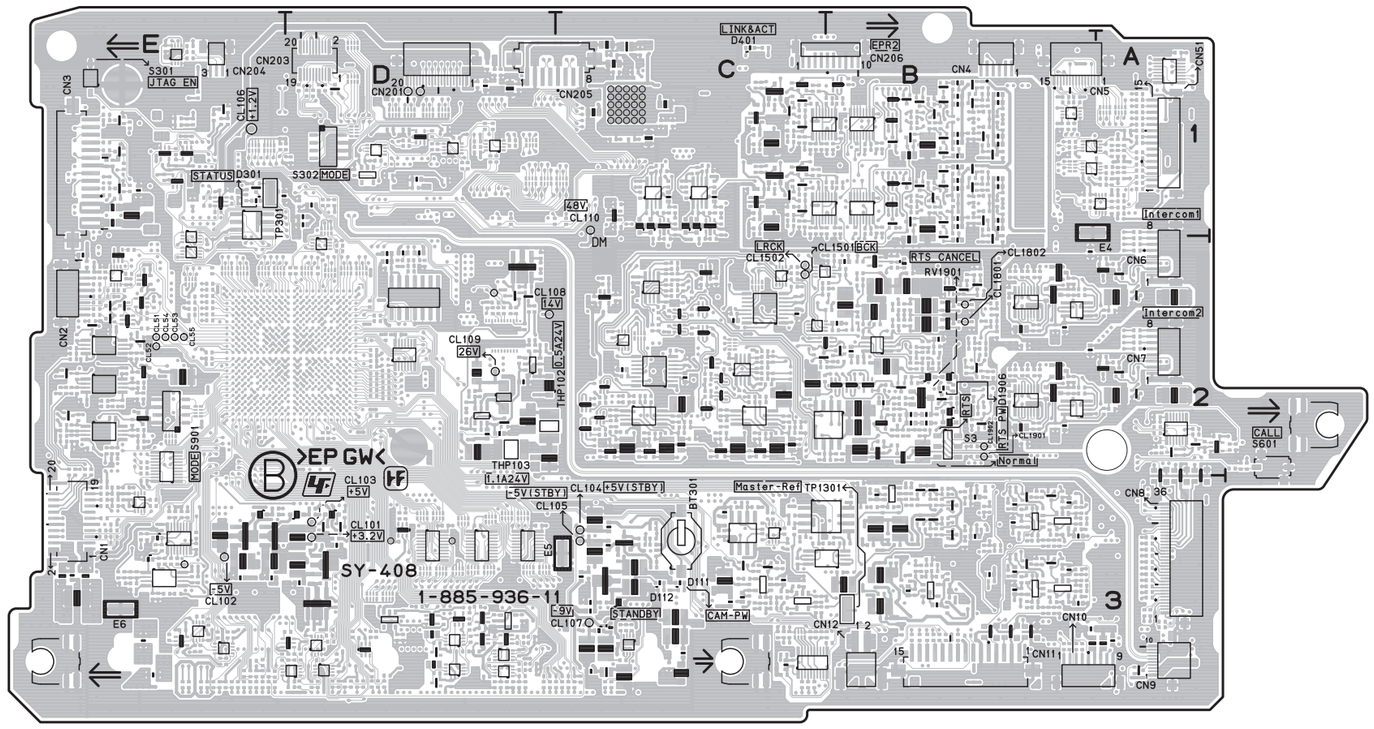
SW-1538 -B SIDE-
SUFFIX: -11

SY-408

The location is described at the end in this section.



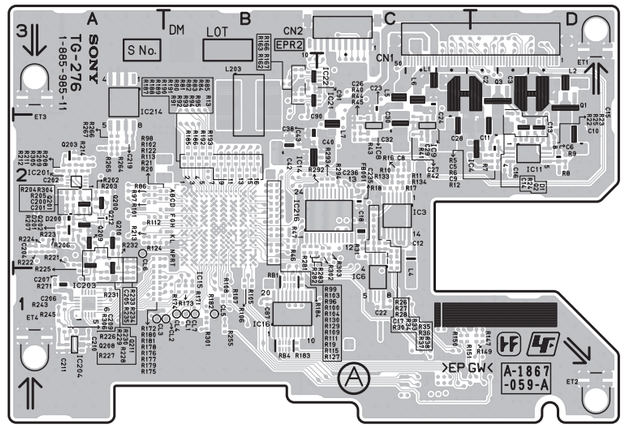
SY-408 -A SIDE-
SUFFIX: -11



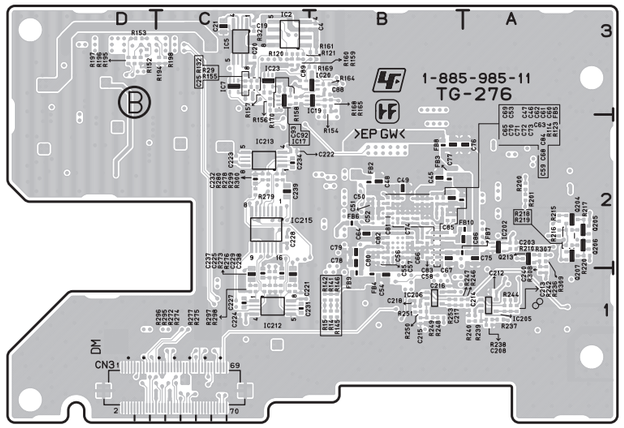
SY-408 -B SIDE-
SUFFIX: -11

TG-276

The location is described at the end in this section.



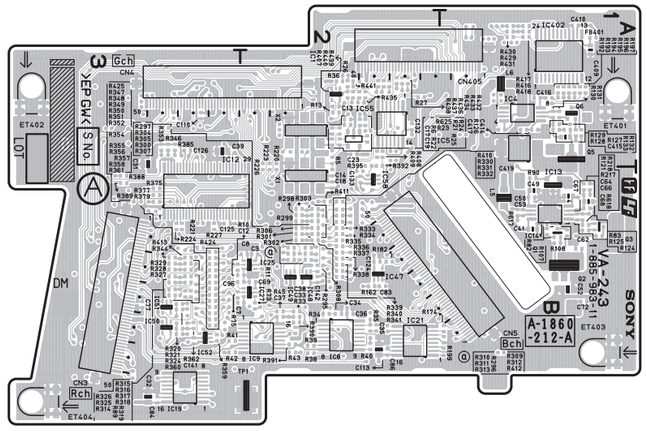
TG-276 -A SIDE-
SUFFIX: -11



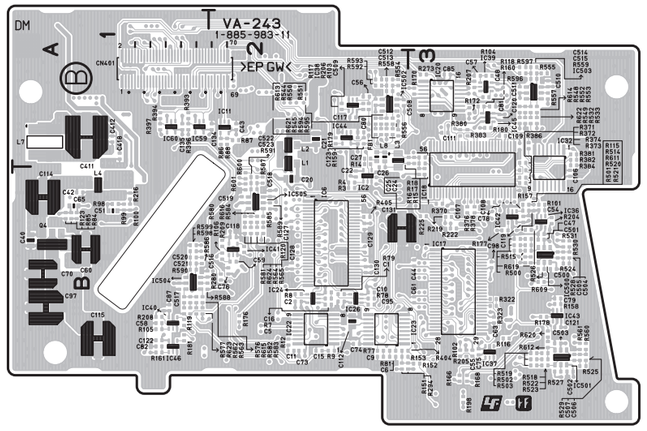
TG-276 -B SIDE-
SUFFIX: -11

VA-243

The location is described at the end in this section.



VA-243 -A SIDE-
SUFFIX: -11



VA-243 -B SIDE-
SUFFIX: -11

Board Parts Location

AT-188
1-886-733-11
*: B SIDE

C1	C3	D4	B3	R1	B3	R84	D3	RB20	B1	C34	C2	IC8	B1	R41	D3	R121	B3
C2	C3	D5	B3	R2	C3	R85	D2	RB21	B1	C35	B2	IC9	B2	R42	E3	R122	B3
C3	C3	D6	B1	R3	B3	R86	D3	RB22	B1	C36	B2	IC10	B3	R43	D3	R123	B3
C4	C3	D7	*B2	R4	B3	R87	D3	RB23	B1	C37	B2	IC11	B2	R44	E3	R124	B3
C5	B3	D8	*B2	R5	B3	R88	D3	RB24	B1	C38	C2	IC12	C3	R45	E3	R125	B3
C6	B3	D9	*B2	R6	C3	R89	D3	RB25	B1	C39	C2	IC13	C3	R46	D3	R126	B2
C7	B3	D10	*B2	R7	C3	R90	D2	RB26	*B1	C40	B2	IC14	C3	R47	D3	R127	B2
C8	B3	D11	C3	R8	C3	R91	D2	RB27	*B1	C41	C2	IC15	D3	R48	E3	R128	B2
C9	B3			R9	C3	R92	D3	RB28	B2	C42	C2	IC16	E3	R49	D3	R129	B2
C10	B3	E1	D2	R10	C3	R93	D3	RB29	B2	C43	C2	IC17	C3	R50	D3	R130	*A2
C11	B3	E2	*C1	R11	C3	R94	D3			C44	B1	IC18	C3	R51	D3	R131	*A2
C12	B3			R12	C3	R95	C3	S1	E2	C45	B1	IC19	C2	R52	D3	R132	*A2
C13	B3	FB1	B3	R13	C3	R96	C3			C46	B2			R53	D3	R133	*A2
C14	C3	FB2	B3	R14	A3	R97	C3	SL1	E3	C47	B2	L1	B3	R54	D2	R160	C3
C15	B2	FB3	A3	R15	*A3	R98	B1			C48	B2	L2	C2	R55	D2	R161	B2
C16	C2	FB4	*A3	R16	*A3	R99	B2	X1	C2	C49	B2			R56	E3	R162	B2
C17	C3	FB5	*A3	R17	*A3	R100	B2			C50	B2	LP1	B3	R57	E2	R163	*B2
C18	B3	FB6	B3	R18	*A3	R101	B2			C51	*B3			R58	E2	R164	*B2
C19	E3	FB7	A3	R19	C3	R102	B2			C52	*B3	Q1	B2	R59	E2	R165	B2
C20	D3	FB8	A3	R20	C3	R103	C3			C53	*B3	Q2	B2	R60	D3	R166	B2
C21	E3			R22	B3	R104	A2			C54	*B3	Q3	B2	R61	D3	R167	*B2
C22	E3	FL1	C3	R23	B3	R105	B2			C55	E2	Q4	B2	R62	D3	R168	*B2
C23	E2	FL2	C3	R26	C3	R106	B2			C60	C3	Q5	B2	R63	E2	R169	C3
C24	E2	FL3	C3	R27	C3	R107	B2			C61	C2	Q6	B3	R64	D2		
C25	E2	FL4	C3	R28	C2	R108	B2					Q7	B3	R65	D2	RB1	*A3
C26	D2	FL5	C3	R29	C2	R109	B2			CL1	B3	Q8	B3	R66	D2	RB2	*C3
C27	D3	FL6	C3	R30	C3	R110	B2			CL2	B2	Q9	B2	R67	D2	RB3	*D2
C28	D2	FL7	C3	R31	C3	R111	B2			CL4	B2	Q10	B2	R68	D2	RB4	*A3
C29	C3	FL8	C3	R32	C3	R112	B2			CL005	B2	Q11	*B2	R69	D2	RB5	E2
C30	C2			R33	*A3	R113	B2					Q12	*B2	R70	D2	RB6	*A2
C31	B1	IC1	B3	R34	*A3	R114	B2			CN1	B3	Q13	B2	R71	D2	RB7	*A2
C32	C3	IC2	C3	R35	E3	R115	B2			CN2	E3	Q14	B2	R72	D3	RB8	*B1
C33	C2	IC3	B3	R36	E3	R116	B2			CN3	D3	Q15	B2	R73	D2	RB9	*B1
C34	C2	IC4	E3	R37	E3	R117	B2			CN4	E3	Q16	B2	R74	D3	RB10	*B1
C35	B2	IC5	D2	R38	E3	R118	B2			CN5	D3	Q17	B2	R75	D2	RB11	*B1
C36	B2	IC6	C2	R39	E3	R119	B2			CN101	A1	Q18	B3	R76	D3	RB12	*B2
C37	B2	IC7	B1	R40	E3	R120	B2			CN102	A2	Q19	B3	R77	D2	RB13	*B2
C38	C2	IC8	B1	R41	D3	R121	B3			CN103	A2	Q20	B3	R78	D2	RB14	*B3
C39	C2	IC9	B2	R42	E3	R122	B3			CN2000	A3	Q21	B2	R79	D2	RB15	*B2
C40	B2	IC10	B3	R43	D3	R123	B3					Q22	B2	R80	D2	RB16	B1
C41	C2	IC11	B2	R44	E3	R124	B3			D1	C3	Q23	*B2	R81	D3	RB17	B1
C42	C2	IC12	C3	R45	E3	R125	B3			D2	C3	Q24	*B2	R82	D2	RB18	*B1
C43	C2	IC13	C3	R46	D3	R126	B2			D3	B3			R83	D3	RB19	*B1
C44	B1	IC14	C3	R47	D3	R127	B2										
C45	B1	IC15	D3	R48	E3	R128	B2										
C46	B2	IC16	E3	R49	D3	R129	B2										
C47	B2	IC17	C3	R50	D3	R130	*A2										
C48	B2	IC18	C3	R51	D3	R131	*A2										
C49	B2	IC19	C2	R52	D3	R132	*A2										
C50	B2			R53	D3	R133	*A2										
C51	*B3	L1	B3	R54	D2	R160	C3										
C52	*B3	L2	C2	R55	D2	R161	B2										
C53	*B3			R56	E3	R162	B2										
C54	*B3	LP1	B3	R57	E2	R163	*B2										
C55	E2			R58	E2	R164	*B2										
C60	C3	Q1	B2	R59	E2	R165	B2										
C61	C2	Q2	B2	R60	D3	R166	B2										
		Q3	B2	R61	D3	R167	*B2										
CL1	B3	Q4	B2	R62	D3	R168	*B2										
CL2	B2	Q5	B2	R63	E2	R169	C3										
CL4	B2	Q6	B3	R64	D2												
CL005	B2	Q7	B3	R65	D2	RB1	*A3										
		Q8	B3	R66	D2	RB2	*C3										
CN1	B3	Q9	B2	R67	D2	RB3	*D2										
CN2	E3	Q10	B2	R68	D2	RB4	*A3										
CN3	D3	Q11	*B2	R69	D2	RB5	E2										
CN4	E3	Q12	*B2	R70	D2	RB6	*A2										
CN5	D3	Q13	B2	R71	D2	RB7	*A2										
CN101	A1	Q14	B2	R72	D3	RB8	*B1										
CN102	A2	Q15	B2	R73	D2	RB9	*B1										
CN103	A2	Q16	B2	R74	D3	RB10	*B1										
CN2000	A3	Q17	B2	R75	D2	RB11	*B1										
		Q18	B3	R76	D3	RB12	*B2										
D1	C3	Q19	B3	R77	D2	RB13	*B2										
D2	C3	Q20	B3	R78	D2	RB14	*B3										
D3	B3	Q21	B2	R79	D2	RB15	*B2										
		Q22	B2	R80	D2	RB16	B1										
		Q23	*B2	R81	D3	RB17	B1										
		Q24	*B2	R82	D2	RB18	*B1										
				R83	D3	RB19	*B1										

AT-189
1-885-937-11
*: B SIDE

C100	*A2	C339	*A2	FL100	B1	R205	*B2	R343	*A2	RB415	*B3	C201	B2	C436	B3	R102	C1	R244	C2	R428	*C2
C101	*A2	C340	B2	FL101	C1	R206	*B2	R344	*A2	RB416	*B3	C202	C2	C437	B3	R103	C1	R245	B2	R429	*C2
C102	*A2	C400	*A3	FL300	B3	R207	*B2	R345	*A2	RB417	*B3	C300	B2	C438	*C2	R106	B1	R300	*A2	R430	*C2
C103	*A1	C401	*A2	FL301	B2	R208	*B2	R346	*A2	RB418	*B3	C301	B2	C439	C2	R107	B1	R301	A2	R432	*A2
C104	B1	C402	*A2	FL302	B2	R209	*B2	R347	*A2	RB419	*A3	C302	B2	C440	C2	R108	C1	R302	*A2	R433	*A2
C105	C1	C403	A3	FL400	C2	R210	*B2	R349	*A2	RB420	*A3	C303	B3	C441	C2	R109	C1	R303	*A2	R435	*B3
C106	A1	C404	A3	FL401	A3	R211	*B2	R350	*B2	RB421	*A3	C304	B2	C442	C2	R110	A1	R304	B2	R436	*B3
C107	B1	C405	A3	FL402	B3	R212	*B2	R351	*B2	RB422	*A3	C305	B2	C443	C2	R111	B1	R305	B2	R437	*B3
C108	B1	C406	A3			R213	*B2	R352	*B2	RB423	*C3	C306	B2	C444	C2	R114	A1	R306	*A2	R438	*B3
C109	C1	C407	A3	IC100	B1	R214	*B2	R353	*B2	RB424	*C3	C307	B2	C445	C2	R115	A1	R307	A2	R440	B3
C110	B1	C408	A3	IC101	C1	R215	*B2	R354	*B2	RB425	*B3	C308	B2	C446	*A2	R116	A1	R308	A2	R441	B3
C111	C1	C409	A3	IC102	A1	R216	*B2	R400	*B3	RB426	*B3	C309	B2	C447	*A2	R117	B1	R309	C3	R442	B3
C112	B1	C410	A3	IC103	B1	R217	*B2	R401	*B3	RB430	*B3	C310	B2	C448	A3	R118	A1	R310	B2	R443	B3
C113	C1	C411	A3	IC111	*A1	R218	*B2	R402	*B3			C311	*A2	C449	B3	R119	B1	R311	C3		
C114	B1	C412	A3	IC112	*A1	R219	*B2	R403	*B3	TP100	A1	C312	B2	C450	A3	R120	B1	R312	B2	RB200	*B2
C115	C1	C413	A3	IC113	*A1	R220	*B2	R404	*B3	TP101	A1	C313	A2	C451	B3	R121	C1	R313	B2	RB201	*B2
C116	B1	C414	A3	IC200	*B2	R221	B2	R405	*A3	TP102	C3	C314	B2			R122	C1	R314	B2	RB202	*B2
C117	B1	C415	A3	IC300	*A2	R222	B2	R406	*A3	TP300	C3	C315	B2	CL100	A1	R123	B1	R315	B2	RB203	*A2
C118	C1	C416	A3	IC301	*A2	R223	B2	R407	*A3			C316	B2	CL101	B1	R124	C1	R316	B2	RB204	*A2
C119	C1	C417	A3	IC303	B2	R224	B2	R408	*A3	VDR200	C2	C317	B2	CL102	B1	R125	*A1	R317	B2	RB205	*B2
C120	A1	C418	A3	IC305	*A2	R226	B2	R409	*A3	VDR201	C2	C318	B2	CL103	C2	R132	C1	R319	*A1	RB206	*B2
C121	B1	C419	A3	IC309	*A2	R227	*B2	R410	*A3			C319	A3	CL104	*B2	R133	B2	R320	*A2	RB207	*B2
C122	B1	C420	*B3	IC310	*A1	R228	*B2	R411	*B3	X300	*A2	C320	*A2	CL400	*A3	R134	B2	R321	*A2	RB302	A2
C123	C1	C421	C3	IC311	*A2	R229	*B2	R412	*A3	X301	*B2	C321	B2	CL401	*B3	R135	B2	R322	*A1	RB303	A2
C124	A1	C422	C3	IC401	*C2	R230	*B2	R414	*B3			C322	B2			R136	B2	R323	*A2	RB304	*A2
C125	B1	C423	C3	IC402	*A3	R231	*B2	R415	*B3			C323	B2	CN100	*B2	R137	B2	R324	*A2	RB305	*A2
C126	B1	C424	C3	IC403	*B3	R232	*B2	R416	*B3			C324	B2	CN200	C2	R138	B2	R325	*A2	RB306	*A2
C127	C1	C425	C3			R233	*B2	R417	*B3			C325	A2	CN201	C2	R139	B1	R326	*A2	RB307	*A2
C136	*A1	C426	B3	L100	B1	R234	B2	R418	*B3			C326	B2	CN300	A2	R140	B1	R327	*A2	RB308	*A2
C138	*A1	C427	B3	L101	C1	R235	B2	R419	*C3			C327	B2			R141	*A1	R328	*A2	RB309	*A2
C140	*A1	C428	B3	L200	C2	R236	*B2	R420	*B3			C328	B2	D300	C3	R142	*A1	R329	*B2	RB310	B2
C142	*A1	C429	C3			R237	*B2	R421	*C3			C329	B2			R144	*A1	R330	*B2	RB311	B2
C143	*A1	C430	C3	Q100	C1	R239	*B2	R422	*C3			C330	B2	E100	A1	R146	C1	R331	*A2	RB312	B2
C144	*A1	C431	C3	Q101	*A1	R240	*B2	R423	*C3			C331	A2			R147	*A2	R332	A2	RB313	B2
C200	B2	C432	C3	Q300	C3	R241	*B2	R424	*C3			C332	*B2	FB100	B1	R148	*B2	R333	A2	RB314	B2
C201	B2	C433	B3			R242	C2	R425	*B3			C333	*B2	FB101	C1	R149	*B2	R334	B2	RB315	B2
C202	C2	C434	B3	R100	B1	R243	C2	R426	*B3			C334	*A2	FB102	B1	R150	*B2	R335	*A2	RB316	B2
C300	B2	C435	B3	R101	B1	R244	C2	R428	*C2			C335	*A2	FB300	A3	R200	*B2	R336	*A2	RB317	B2
C301	B2	C436	B3	R102	C1	R245	B2	R429	*C2			C336	*A1	FB304	B2	R201	*B2	R337	*A2	RB401	*C2
C302	B2	C437	B3	R103	C1	R300	*A2	R430	*C2			C337	*A2	FB400	A3	R202	*B3	R338	*A2	RB411	*C2
C303	B3	C438	*C2	R106	B1	R301	A2	R432	*A2			C338	*A2	FB401	B3	R203	*B3	R340	B2	RB412	*B3
C304	B2	C439	C2	R107	B1	R302	*A2	R433	*A2							R204	*A2	R341	*A2	RB413	*B3
C305	B2	C440	C2	R108	C1	R303	*A2	R435	*B3									R342	*A2	RB414	*B3
C306	B2	C441	C2	R109	C1	R304	B2	R436	*B3												
C307	B2	C442	C2	R110	A1	R305	B2	R437	*B3												
C308	B2	C443	C2	R111	B1	R306	*A2	R438	*B3												
C309	B2	C444	C2	R114	A1	R307	A2	R440	B3												
C310	B2	C445	C2	R115	A1	R308	A2	R441	B3												
C311	*A2	C446	*A2	R116	A1	R309	C3	R442	B3												
C312	B2	C447	*A2	R117	B1	R310	B2	R443	B3												
C313	A2	C448	A3	R118	A1	R311	C3														
C314	B2	C449	B3	R119	B1	R312	B2	RB200	*B2												
C315	B2	C450	A3	R120	B1	R313	B2	RB201	*B2												
C316	B2	C451	B3	R121	C1	R314	B2	RB202	*B2												
C317	B2			R122	C1	R315	B2	RB203	*A2												
C318	B2	CL100	A1	R123	B1	R316	B2	RB204	*A2												
C319	A3	CL101	B1	R124	C1	R317	B2	RB205	*B2												
C320	*A2	CL102	B1	R125	*A1	R319	*A1	RB206	*B2												
C321	B2	CL103	C2	R132	C1	R320	*A2	RB207	*B2												
C322	B2	CL104	*B2	R133	B2	R321	*A2	RB302	A2												
C323	B2	CL400	*A3	R134	B2	R322	*A1	RB303	A2												
C324	B2	CL401	*B3	R135	B2	R323	*A2	RB304	*A2												
C325	A2			R136	B2	R324	*A2	RB305	*A2												
C326	B2			R137	B2	R325	*A2	RB306	*A2												
C327	B2	D300	C3	R138	B2	R326	*A2	RB307	*A2												
C328	B2			R139	B1	R327	*A2	RB308	*A2												
C329	B2	E100	A1	R140	B1	R328	*A2	RB309	*A2												
C330	B2			R141	*A1	R329	*B2	RB310	B2												
C331	A2	FB100	B1	R142	*A1	R330	*B2	RB311	B2												
C332	*B2	FB101	C1	R144	*A1	R331	*A2	RB312	B2												
C333	*B2	FB102	B1	R146	C1	R332	A2	RB313	B2												
C334	*A2	FB300	A3	R147	*A2	R333	A2	RB314	B2												
C335	*A2	FB304	B2	R148	*B2	R334	B2	RB315	B2												
C336	*A1	FB400	A3	R149	*B2	R335	*A2	RB316	B2												
C337	*A2	FB401	B3	R150	*B2	R336	*A2	RB317	B2												
C338	*A2			R200	*B2	R337	*A2	RB401	*C2												
				R201	*B2	R338	*A2	RB411	*C2												
				R202	*B3	R340	B2	RB412	*B3												
				R203	*B3	R341	*A2	RB413	*B3												
				R204	*A2	R342	*A2	RB414	*B3												

CCM-72
1-886-921-11
*: B SIDE

C701	*A2	C339	*A2	FL100	B1	R205	*B2	R343	*A2	RB415	*B3	C201	B2	C436	B3	R102	C1	R244	C2	R428	*C2
C702	A1	C340	B2	FL101	C1	R206	*B2	R344	*A2	RB416	*B3	C202	C2	C437	B3	R103	C1	R245	B2	R429	*C2
C703	*A2	C400	*A3	FL300	B3	R207	*B2	R345	*A2	RB417	*B3	C300	B2	C438	*C2	R106	B1	R300	*A2	R430	*C2
C704	*A1	C401	*A2	FL301	B2	R208	*B2	R346	*A2	RB418	*B3	C301	B2	C439	C2	R107	B1	R301	A2	R432	*A2
C705	A1	C402	*A2	FL302	B2	R209	*B2	R347	*A2	RB419	*A3	C302	B2	C440	C2	R108	C1	R302	*A2	R433	*A2
C706	A2	C403	A3	FL400	C2	R210	*B2	R349	*A2	RB420	*A3	C303	B3	C441	C2	R109	C1	R303	*A2	R435	*B3
C707	A2	C404	A3	FL401	A3	R211	*B2	R350	*B2	RB421	*A3	C304	B2	C442	C2	R110	A1	R304	B2	R436	*B3
C708	*A1	C405	A3	FL402	B3	R212	*B2	R351	*B2	RB422	*A3	C305	B2	C443	C2	R111	B1	R305	B2	R437	*B3
C709	*A1	C406	A3			R213	*B2	R352	*B2	RB423	*C3	C306	B2	C444	C2	R114	A1	R306	*A2	R438	*B3
C710	*A1	C407	A3	IC100	B1	R214	*B2	R353	*B2	RB424	*C3	C307	B2	C445	C2	R115	A1	R307	A2	R440	B3
C711	A1	C408	A3	IC101	C1	R215	*B2	R354	*B2	RB425	*B3	C308	B2	C446	*A2	R116	A1	R308	A2	R441	B3
C712	A1	C409	A3	IC102	A1	R216	*B2	R400	*B3	RB426	*B3	C309	B2	C447	*A2	R117	B1	R309	C3	R442	B3
C713	A2	C410	A3	IC103	B1	R217	*B2	R401	*B3	RB430	*B3	C310	B2	C448	A3	R118	A1	R310	B2	R443	B3
C714	A2	C411	A3	IC111	*A1	R218	*B2	R402	*B3			C311	*A2	C449	B3	R119	B1	R311	C3		
C715	B2	C412	A3	IC112	*A1	R219	*B2	R403	*B3	TP100	A1	C312	B2	C450	A3	R120	B1	R312	B2	RB200	*B2
C716	A2	C413	A3	IC113	*A1	R220	*B2	R404	*B3	TP101	A1	C313	A2	C451	B3	R121	C1	R313	B2	RB201	*B2
C717	A1	C414	A3	IC200	*B2	R221	B2	R405	*A3	TP102	C3	C314	B2			R122	C1	R314	B2	RB202	*B2
C718	B1	C415	A3	IC300	*A2	R222	B2	R406	*A3	TP300	C3	C315	B2	CL100	A1	R123	B1	R315	B2	RB203	*A2
C719	B1	C416	A3	IC301	*A2	R223	B2	R407	*A3			C316	B2	CL101	B1	R124	C1	R316	B2	RB204	*A2
C720	B1	C417	A3	IC303	B2	R224	B2	R408	*A3	VDR200	C2	C317	B2	CL102	B1	R125	*A1	R317	B2	RB205	*B2
C721	B1	C418	A3	IC305	*A2	R226	B2	R409	*A3	VDR201	C2	C318	B2	CL103	C2	R132	C1	R319	*A1	RB206	*B2
C722	A1	C419	A3	IC309	*A2	R227	*B2	R410	*A3			C319	A3	CL104	*B2	R133	B2	R320	*A2	RB207	*B2
C723	A1	C420	*B3	IC310	*A1	R228	*B2	R411	*B3	X300	*A2	C320	*A2	CL400	*A3	R134	B2	R321	*A2	RB302	A2
		C421	C3	IC311	*A2	R229	*B2	R412	*A3	X301	*B2	C321	B2	CL401	*B3	R135	B2	R322	*A1	RB303	A2
CN701	A1	C422	C3	IC401	*C2	R230	*B2	R414	*B3			C322	B2	CN100	*B2	R136	B2	R323	*A2	RB304	*A2
CN702	B2	C423	C3	IC402	*A3	R231	*B2	R415	*B3			C323	B2	CN200	C2	R137	B2	R324	*A2	RB305	*A2
		C424	C3	IC403	*B3	R232	*B2	R416	*B3			C324	B2	CN201	C2	R138	B2	R325	*A2	RB306	*A2
FB701	B2	C425	C3			R233	*B2	R417	*B3			C325	A2	CN300	A2	R139	B1	R326	*A2	RB307	*A2
FB702	B1	C426	B3	L100	B1	R234	B2	R418	*B3			C326	B2			R140	B1	R327	*A2	RB308	*A2
		C427	B3	L101	C1	R235	B2	R419	*C3			C327	B2	D300	C3	R141	*A1	R328	*A2	RB309	*A2
IC701	*A2	C428	B3	L200	C2	R236	*B2	R420	*B3			C328	B2			R142	*A1	R329	*B2	RB310	B2
IC702	*A1	C429	C3			R237	*B2	R421	*C3			C329	B2	E100	A1	R144	*A1	R330	*B2	RB311	B2
IC703	A2	C430	C3	Q100	C1	R239	*B2	R422	*C3			C330	B2			R146	C1	R331	*A2	RB312	B2
IC704	A1	C431	C3	Q101	*A1	R240	*B2	R423	*C3			C331	A2	FB100	B1	R147	*A2	R332	A2	RB313	B2
		C432	C3	Q300	C3	R241	*B2	R424	*C3			C332	*B2	FB101	C1	R148	*B2	R333	A2	RB314	B2
L701	B2	C433	B3			R242	C2	R425	*B3			C333	*B2	FB102	B1	R149	*B2	R334	B2	RB315	B2
		C434	B3	R100	B1	R243	C2	R426	*B3			C334	*A2	FB300	A3	R150	*B2	R335	*A2	RB316	B2
R701	*A2	C435	B3	R101	B1	R244	C2	R428	*C2			C335	*A2	FB304	B2	R200	*B2	R336	*A2	RB317	B2
R702	*A1	C436	B3	R102	C1	R245	B2	R429	*C2			C336	*A1	FB400	A3	R201	*B2	R337	*A2	RB401	*C2
R703	A1	C437	B3	R103	C1	R300	*A2	R430	*C2			C337	*A2	FB401	B3	R202	*B3	R338	*A2	RB411	*C2
R704	A1	C438	*C2	R106	B1	R301	A2	R432	*A2			C338	*A2			R203	*B3	R340	B2	RB412	*B3
R705	A2	C439	C2	R107	B1	R302	*A2	R433	*A2							R204	*A2	R341	*A2	RB413	*B3
R706	A2	C440	C2	R108	C1	R303	*A2	R435	*B3									R342	*A2	RB414	*B3
R707	*A1	C441	C2	R109	C1	R304	B2	R436	*B3												
R708	*A1	C442	C2	R110	A1	R305	B2	R437	*B3												
R709	A1	C443	C2	R111	B1	R306	*A2	R438	*B3												
R710	A2	C444	C2	R114	A1	R307	A2	R440	B3												
R711	A1	C445	C2	R115	A1	R308	A2	R441	B3												
R712	*A2	C446	*A2	R116	A1	R309	C3	R442	B3												
R713	*A1	C447	*A2	R117	B1	R310	B2	R443	B3												
R714	A2	C448	A3	R118	A1	R311	C3														
R715	*A1	C449	B3	R119	B1	R312	B2	RB200	*B2												
R716	*A2	C450	A3	R120	B1	R313	B2	RB201	*B2												
R717	A2	C451	B3	R121	C1	R314	B2	RB202	*B2												
R718	*B1			R122	C1	R315	B2	RB203	*A2												
R719	*B1	CL100	A1	R123	B1	R316	B2	RB204	*A2												
R720	*A1	CL101	B1	R124	C1	R317	B2	RB205	*B2												
R721	*A1	CL102	B1	R125	*A1	R319	*A1	RB206	*B2												
R723	B2	CL103	C2	R132	C1	R320	*A2	RB207	*B2												
R724	B2	CL104	*B2	R133	B2	R321	*A2	RB302	A2												
R725	*B1	CL400	*A3	R134	B2	R322	*A1	RB303	A2												
R726	*B1	CL401	*B3	R135	B2	R323	*A2	RB304	*A2												
R727	*A1			R136	B2	R324	*A2	RB305	*A2

CN-3459
1-886-743-11
*: B SIDE

C401	A1
C402	A1
C403	A1
C404	A1
C405	A1
C406	A1
CN401	*A1
CN402	A1
FB401	A1
FB402	A1
FB403	A1
FB404	A1
FB405	A1
FB406	A1

CN-3460
1-886-739-11
*: B SIDE

A3	A1
C301	A2
C302	B2
C303	B2
C304	B2
C305	B2
C306	A2
C307	A2
C308	A2
C309	A2
C310	*A1
C311	*A1
C312	A1
C313	A1
C314	A1
C315	A1
C316	*A1
C317	B1
C318	B1
C319	B1
C320	B1
C321	B1
C322	B1
C323	B1
C324	B2
CN301	*A1
CN302	A2
CN303	A2
CN304	B1
CN305	B1
FB301	B2
FB302	A1
FB303	A1
FB304	A1
FB305	*A1
FB306	A1
FB307	A1
FB308	*A1
FB309	*A1
FB310	B1
FB311	B1
THP301	A2
THP302	B2

CN-3461
1-886-744-11
*: B SIDE

C803	*A1
C804	*A1
C805	B2
C806	*B2
C807	*B2
C808	A1
C809	B2
CN3	A2
CN606	*B2
CN801	A2
CN802	B2
L801	*A2
L802	*B2
L803	A2
L804	B2
L805	*A2
L806	*A2
L807	*A2
L808	*B2
L809	*B2
R801	B2
R802	B2
SL801	A2
SL802	A2
SL803	A2
SL804	A2
SL805	A2
SL806	B2
SL807	A1
SL808	A2
SL809	*A2
SL810	*A2
SL811	A1
SL812	*A2
THP801	*B2
TP801	*A1

CN-3462
1-886-745-11
*: B SIDE

C101	A1
CN102	A1
CN801	*A1
CN802	A1
L101	A1
TP801	A1

CN-3463
1-886-746-11
*: B SIDE

C101	B1
C102	B1
C106	A2
C107	B2
C108	B2
C109	B2
C110	B2
C111	B2
C112	B2
C113	B1
C114	B1
C151	A2
C152	A2
C153	A2
C154	B2
C155	B1
C156	B1
C157	A1
C158	A2
C159	A2
C161	A2
C162	A2
C163	A2
C164	A2
C165	A2
C166	A2
C167	*A1
C168	*A1
C169	*A1
C170	A1
C171	*A1
C172	A1
C173	*A1
C174	A1
C175	A1
C176	A1
C177	A1
C178	A1
C179	A1
C180	A1
C181	A1
C182	A1
C183	*A1
C184	*A1
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C186	*A1
C187	A1
C188	*A1
C189	*A1
C190	*A1
C191	*A1
C192	*A1
C193	*A1
CL6	B2
CL7	B2
CL8	B2
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CL17	B1
CL29	A2
CL30	A2
CN8	A2
CN10	B1
CN11	B2
CN21	B1
CN22	B1
CN103	A2
CN110	A1
CN111	A2
CN112	A2
CN301	B1
CN401	B2
D101	B1
D151	A1
E1	B1
E2	B2
E3	B2
E4	*B2
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E6	*A1
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FB103	B2
FB104	B2
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FB182	*A1
FB183	*A1
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FL145	A2
FL146	A2
FL147	A1
FL148	A1
IC102	B2
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IC152	A1
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Q152	*A1
Q153	*A1
Q154	*A2
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R153	B1
R154	A1
R155	B1
R156	A1
R157	A1
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R159	*A1
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R162	*A2
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R164	*A1
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RB152	A2
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SL1	A1
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SL3	A1
SL4	B1
SL5	B1
SL6	B1
SL101	A1
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TP3	A1
TP4	B1

CN-3464
1-886-749-11
*: B SIDE

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C614	A1
C615	A1
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CN603	A1
CN611	A1
ET601	A1
L611	A1
L612	A1
SL602	A1
SL603	A1

CN-3473
1-886-737-11
*: B SIDE

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C4	A1
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FB1	A1
R1	A1
R2	A1

CN-3520
1-886-738-11
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C625	A1
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ET621	A1
L621	A1
L622	A1
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DPR-338
1-885-981-12
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C22	*D1
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C652	*C1
C653	*C1

Continued

C654	*C1	C756	*D3	C839	*D2	C922	*C3	CL201	A2	FB110	B2	FB702	*D2	IC221	A2	L106	*A3	Q906	*D3	R125	*E1	R213	A1	R296	*A1	R381	A1	R464	*B2	R553	C2	R681	*D2
C655	*C1	C757	*D2	C840	*D2	C923	*B3	CL202	A1	FB111	B2	FB703	*D3	IC222	A2	L107	*E1	Q907	*D3	R126	*E1	R214	A1	R297	A2	R382	A1	R465	*C2	R554	C2	R682	*D2
C656	*C1	C758	*D2	C841	*D2	C924	*C3	CL203	A1	FB112	B2	FB704	*D2	IC223	A1	L108	*E1	Q908	*D3	R127	*E1	R215	A1	R298	*A2	R383	A2	R466	*C2	R555	C2	R683	*D3
C657	*C1	C759	*D2	C842	*D2	C925	*C3	CL301	C2	FB113	B2	FB705	*D2	IC224	A1	L109	D1	Q909	D3	R128	*E1	R216	A1	R299	A1	R384	A2	R467	*C2	R556	C3	R684	*D2
C658	*C1	C760	*D2	C843	*D2	C926	*C3	CL302	C2	FB114	B2	FB706	*D3	IC225	A1	L110	D1	Q910	D3	R129	*E1	R217	A2	R300	*A1	R385	*A1	R468	C2	R557	*D3	R685	*D3
C659	*C1	C761	*D2	C844	*D2	C927	*C3	CL303	C2	FB115	B2	FB707	*E2	IC226	A1	L111	A2	Q911	D3	R130	*D1	R218	A2	R301	A2	R386	*A1	R469	C2	R558	C2	R686	E2
C660	*C1	C762	*D2	C845	*D2	C928	*C3	CL304	B2	FB116	B2	FB708	*D2	IC227	*B1	L201	*A2			R131	*D1	R219	A2	R302	A1	R387	*A2	R470	B3	R559	C2	R687	*C3
C661	*C1	C763	*D2	C846	*D3	C929	*B3	CL305	C2	FB117	B2	FB709	*D3	IC228	*B1	L202	A2	R41	*B3	R132	*D1	R220	A2	R303	A2	R388	*A2	R471	B3	R560	*C1	R688	C3
C662	*C1	C764	*D2	C847	*D3	C930	*B3	CL306	B2	FB118	B2	FB710	*D3	IC229	*B1	L203	*A2	R42	*B3	R133	*D1	R221	A1	R304	A1	R389	*A2	R472	B3	R561	*C1	R689	D3
C663	*C1	C765	*D2	C848	*D3	C931	*C3	CL307	B2	FB119	B2	FB711	*D3	IC230	*B1	L204	A2	R51	*B3	R134	D1	R222	A1	R305	A2	R390	*A2	R473	*B2	R562	C2	R694	E3
C664	*C1	C766	*D2	C849	*D3	C932	*C3	CL308	B2	FB120	B2	FB712	*D3	IC301	B2	L205	*A1	R52	*B2	R135	D1	R223	A1	R306	A1	R391	A1	R474	*C2	R563	C2	R701	*D2
C665	*C1	C767	*D3	C850	*D2	C933	*C3	CL309	B2	FB121	B2	FB713	*D3	IC302	A3	L206	A1	R53	*D1	R136	D1	R224	A1	R307	A2	R392	*A1	R475	*C2	R564	*C1	R702	*E2
C666	*C1	C768	*D2	C851	E1	C934	*C3	CL310	B2	FB122	B2	FB714	*D3	IC304	B2	L207	*A1	R54	*D1	R137	D1	R225	A2	R308	A1	R393	A1	R476	*C2	R565	*C1	R703	*D2
C667	*C1	C769	*D2	C852	*E1	C935	*B3	CL311	B2	FB123	B2	FB715	*D3	IC305	*B2	L208	A1	R55	*B2	R138	D1	R226	A2	R309	A2	R394	A1	R477	*C2	R566	*C2	R704	*D2
C668	*C1	C770	*D3	C853	E1	C936	*C3	CL312	B2	FB124	E1	FB716	*D2	IC306	*C3	L209	*A2	R56	*B2	R139	D1	R227	A2	R310	A2	R395	A1	R478	*C2	R567	*C2	R705	*E2
C669	*C1	C771	*D2	C854	*E1	C937	*C3	CL313	B2	FB125	E1	FB801	E2	IC307	A3	L210	*A1	R57	*B2	R140	D1	R228	A2	R311	A1	R396	A1	R479	*C2	R568	B2	R706	*E2
C670	*C1	C772	*D2	C855	E1	C938	*C3	CL314	*C3	FB126	E1	FB802	E2	IC308	B3	L211	*A1	R58	*E1	R141	D1	R229	A1	R312	A1	R397	*B2	R480	*C2	R569	B2	R707	*E2
C671	*C1	C773	*D2	C856	*E1	C939	*B3	CL315	*B2	FB127	E1	FB803	E2	IC401	C1	L212	A1	R59	*B2	R142	D1	R230	A1	R313	A2	R398	*A2	R481	B2	R570	B2	R708	*E2
C672	*C1	C774	*D2	C857	D1	C940	*B3	CL401	C1	FB128	*E1	FB804	*E2	IC402	*C2	L213	*A1	R60	*B3	R143	D1	R231	A1	R314	A1	R399	*B2	R482	B2	R571	B2	R709	*D2
C673	*C1	C775	*D2	C858	D2	C941	*D3	CL402	C1	FB129	E1	FB805	*E2	IC403	C2	L214	A1	R61	*E1	R144	*D1	R232	A1	R315	A2	R400	*A2	R483	B2	R572	C2	R710	*D2
C674	*C1	C776	*D2	C859	E1	C942	*D3	CL403	C1	FB130	E1	FB806	*E2	IC404	C2	L215	*A1	R62	*B2	R145	D1	R233	A2	R316	A1	R401	A1	R484	B2	R573	C2	R711	*D2
C675	*C1	C777	*E2	C860	*E1	C943	*C3	CL404	C1	FB131	E1	FB807	E2	IC405	*C3	L216	A2	R63	*B3	R146	*D1	R234	A2	R317	A2	R402	A1	R485	B2	R574	C2	R712	E1
C676	*C1	C778	*D2	C861	*E1	C944	*C3	CL405	C1	FB132	E1	FB808	*E2	IC406	*C1	L217	A2	R64	*E1	R147	D1	R235	A1	R318	A2	R403	B2	R486	B2	R575	*C1	R713	*E1
C677	*C1	C779	*D2	C862	*D2	C945	*C3	CL406	C1	FB133	E1	FB809	E2	IC501	C1	L218	*A1	R65	*B2	R148	*D1	R236	A1	R319	A1	R404	A2	R487	B2	R576	C1	R715	E2
C678	*C1	C780	*D2	C863	D2	C946	*C3	CL407	C1	FB134	D1	FB810	E2	IC502	B1	L401	*C2	R66	*A3	R149	*D1	R237	A2	R320	A1	R405	B2	R488	*B3	R577	C1	R716	*D2
C679	*C1	C781	*D2	C864	*D1	C947	*C3	CL408	C1	FB135	D1	FB811	E2	IC503	B1	L402	*C2	R67	*A3	R150	*C3	R238	A2	R321	A2	R406	A2	R489	A3	R601	B1	R717	D2
C680	*C1	C782	*E2	C865	D2	C948	*C3	CL601	E3	FB136	D1	FB901	*D3	IC504	B1	L403	C2	R68	*B3	R151	*B3	R239	A2	R322	A1	R407	A1	R490	C3	R602	*C1	R718	*D2
C681	*C1	C783	*D2	C866	*D1	C949	*B3	CL602	D2	FB137	D1	FB902	*D3	IC505	C1	L404	C2	R69	*E1	R152	*B3	R240	A2	R325	A1	R408	A1	R491	*B2	R603	*C1	R719	D2
C682	*B2	C784	*D2	C867	D2	C950	*B3	CL603	D2	FB138	D1	FB903	*D3	IC506	*C1	L405	C2	R70	*B2	R153	*B3	R241	A1	R326	A1	R409	A1	R492	B3	R604	*C1	R720	*D1
C683	*B1	C785	*D2	C868	*D1	C951	*C3	CL605	E2	FB139	D1			IC507	*C1	L406	C3	R71	*B3	R154	*B3	R242	A1	R327	A1	R410	A1	R493	*B3	R605	*C1	R751	E2
C684	*C1	C786	*D2	C869	D1	C952	*C3	CL606	E2	FB141	D1	FL201	*A2	IC508	*C1	L407	*C3	R72	*E1	R155	*B3	R243	A1	R328	A1	R411	A1	R494	*B2	R606	*C1	R752	E3
C685	*B1	C787	*D2	C870	D2	C953	*C3	CL607	D3	FB142	D1	FL202	*A2	IC509	C2	L408	*C2	R73	*B2	R156	*B3	R244	A1	R329	A1	R412	A2	R501	*C2	R607	*C1	R753	E2
C686	*B1	C788	*D2	C871	D1	C954	*B3	CL608	D3	FB143	D1	FL203	*A1	IC510	C2	L801	*E2	R74	*B3	R157	*B3	R245	A2	R330	A1	R413	A2	R502	*C2	R608	*C1	R754	E2
C687	*B1	C789	*D2	C872	*D2	C955	*C3	CL610	D2	FB144	D1	FL204	*A1	IC601	D2	L802	*E2	R75	*D1	R158	*B3	R246	A2	R331	A2	R414	*A2	R503	*C2	R610	C1	R755	*E2
C688	*B1	C790	*D2	C873	*D1	C956	*C3	CL611	D2	FB145	D1	FL205	*A1	IC602	*E3	L803	E2	R76	*B2	R159	*B3	R247	A1	R332	A2	R415	*A2	R504	*C2	R611	*C1	R756	E3
C689	*B1	C791	*D2	C874	*D2	C957	E2	CL612	D2	FB146	D1	FL206	*A1	IC603	*E3	L804	D3	R77	*B2	R160	*B3	R248	A2	R333	A1	R416	*A2	R505	*C2	R612	C1	R757	E3
C690	*C1	C792	*D2	C875	E2	C961	E3	CL613	D2	FB147	D1			IC604	*E3	L805	D3	R78	*E1	R161	B3	R249	*A2	R334	A1	R417	*A2	R506	*C2	R613	C1	R758	E3
C691	*B1	C793	*D2	C876	E2	C962	*E3	CL614	D2	FB148	D1	IC101	*A3	IC605	*D3	L806	D3	R79	*B2	R162	*C1	R250	*A2	R335	A1	R418	*B2	R507	C2	R614	B1	R759	E2
C692	*B1	C794	*D2	C877	*E2	C963	E3	CL615	*B3	FB149	D1	IC102	*B3	IC606	E3	L807	*D3	R80	*B3	R163	*C1	R251	*A1	R336	A1	R419	*A2	R508	C2	R615	C1	R760	E2
C693	*B1	C795	*D2	C878	*E2	C964	*E3	CL701	*E2	FB150	*A2	IC103	*E1	IC607	E3	L808	*C3	R81	*B3	R164	*C1	R252	*A1	R337	A1	R420	*B2	R509	C2	R616	C1	R761	E2
C694	*C1	C796	*E2	C879	E2	C965	E3			FB151	*B3	IC104	*B2	IC701	*E2	L809	*B3	R82	*B3	R165	*C1	R253	*A2	R338	A1	R421	*A2	R510	C2	R617	C2	R762	E2
C695	*C1	C797	*E2	C880	*E3	C966	*E3	CN101	B3	FB201	*A2	IC105	*A3	IC702	D1	L810	*C3	R83	*E1	R166	*C1	R254	*A2	R339	A1	R422	A2	R511	C2	R618	*B1	R763	*E2
C696	*C1	C798	*D3	C881	E3	C967	D3	CN102	A3	FB202	*A1	IC106	*E1	IC703	*E1	L811	*C3	R84	*B2	R167	*C1	R255	*A1	R340	A1	R423	B2	R512	C2	R619	B1	R764	E2
C697	*C1	C799	*D3	C882	E2	C968	*E3	CN103	*C3	FB203	*A2	IC107	*D1	IC704	D1	L812	*C3	R85	*A3	R168	*C3	R256	*A1	R341	A1	R424	B2	R513	*C2	R620	B1	R765	E2
C698	*C1	C800	*D3	C883	E2	C969	E3	CN104	*D3	FB204	*A1	IC108	*D1	IC705	*D1	L813	*B3	R86	*A3	R169	*B3	R257	*A2	R342	A1	R425	B2	R514	*C2	R621	B1	R766	E3
C699	*C1	C801	*D3	C884	E2	C970	*E3	CN501	*B1	FB205	*A1	IC109	*B3	IC801	E2	L814	*C3	R87	*A3	R170	B3	R258	*A2	R343	A1	R426	*B1	R515	C2	R622	B1	R767	*E3
C700	*C1	C802	*D3	C885	*E2	C971	*E3	CN601	*E1	FB206	*A1	IC110	*C3	IC802	E2	L815	*D3	R88	*A3	R171	B3	R259	*A2	R344	A1	R427	*B1	R516	C2	R623	B1	R768	*E2
C701	C2	C803	*D3	C886	*E2	C972	*E3	CN801	*E2	FB207	*B1	IC111	*B3	IC803	D3	L816	*C3	R89	B3	R172	B3	R260	*A2	R345	A1	R428	*B1	R517	*C2	R624	*B1	R769	*E3
C702	C2	C804	*D3	C887	*E2	C973	E3			FB208	*B1	IC112	*B3	IC804	*C3	L817	*B3	R90	E1	R173	B3	R261	*A1	R346	A1	R429	*B1	R518	C2	R625	*C1	R770	*E2
C710	*D2	C805	*D3	C888	*E2	C974	D3	D101	*A3	FB209	*B1	IC113	*C3	IC805	*C3	L818	*C3	R91	B2	R174	*B3	R262	*A1	R347	*A2	R430	*B1	R519	*C2	R626	B1	R771	E3
C711	*E3	C806	*D2	C889	*E2	C975	*E3	D102	*A3	FB210	*B1	IC114	*C3	IC806	*B3	L901	E3	R92	E1	R175	*C3	R263	*A1	R348	*A2	R431	C2	R520	C2	R627	B1	R772	E2
C712	*E3	C807	*E2	C890	*E2	C976	*E3	D103	*D1	FB301	*B2	IC115	*D1	IC807	*C3	L902	*E3	R93	E1	R176	*C3	R264	*A1	R349	A1	R432	*C2	R521	*C2	R628	C1	R773	E2
C713	*E3	C808	*E2	C891	E2	C977	*E3	D104	*D1	FB302	*B2	IC116	*D1	IC808	E2	L903	D3	R94	E1	R177	*B3	R265	A2	R350	A1	R433	C2	R522	C2	R629	C1	R774	E3
C714	*E3	C809	*D2	C892	*E2	C978	E3	D105	*D1	FB303	*C3	IC117	D1	IC901	E3	L904	*E3	R95	E1	R178	*B3	R266	A2	R351	*A2	R434	*C2	R523	*C2	R630	C2	R775	E3
C715	*D3	C810	*D2	C893	E2	C979	*D3	D106	*A2	FB304	*B2	IC118	B3	IC902	*E3	L905	*D3	R96	E1	R179	*B3	R267	A2	R352	*A2	R435	*C2	R524	*D2	R651	*E3	R776	*E2
C720	*D2	C811	*D2	C894	E2	C980	D3	D107	*C3	FB306	*C2	IC119	C3	IC903	D3	L906	D3	R97	E1	R180	*B3	R268	A2	R353	*B2	R436	C2	R525	*C2	R652	*E3	R777	E2
C721	E3	C812	*D2	C895	E2	C981	*D3	D301	C2	FB307	*B3	IC120	*C1	IC904	*E3	L907	*D3	R98	*E1	R181	*B3	R269	A1	R354	*A2	R437	C2	R526	C2	R653	*E3	R778	E2
C722	E3	C813	*D2	C896	E2	C982	D3	D401	B1	FB308	*C3	IC121	*B3	IC905	E3	L908	D3	R99	*E1	R182	*B3	R270	A1	R355	*B2	R438	*C2	R527	C2	R654	*E3	R779	E2
C731	*D2	C814	*D2	C897	E2	C983	D3	D402	C1	FB309	*B3	IC122	*C1	IC906	*D3	L909	*D3	R100	*E1	R183	*B3	R271	A1	R356	*A2	R439	C2	R528	C2	R655	*E3	R780	*E2
C732	*D2	C815	*D2	C898	E2	C984	*D3	D403	C1	FB310	*C3	IC123	*B3	IC907	D3	L910	*D3	R101	*E1	R184	*B3	R272	A1	R357	*A1	R440	*C2	R529	*C3	R656	*D2	R781	E2
C733	*D2	C816	*D2	C899	E2	C985	D3	D404	C1	FB311	A3	IC124	A2	IC908	*D3	L911	*D3	R102	*E1	R185	*A2	R273	A2	R358	*A1	R441	*C2	R530	*C3	R657	*D3	R782	E3
C734	*D2	C817	*D2	C900	E2	C986	*D3	D901	*E3	FB312	*B2	IC125	C3	IC909	*D3			R103	*E1	R186	*A2	R274	A2	R359	*A1	R442	B2	R531	*C3	R658	*E1	R783	E3
C735	*D2	C818	*D2	C901	E2	C987	*D3	D902	*E3	FB313	*B2	IC126	*B3	IC910	E3	LP1	*E3	R104	*D1	R187	*A2	R275	A2	R360	*A1	R443	B2	R532	*C3	R659	E3	R784	E2
C736	*E2	C819	*D2	C902	E2	C988	*D3	D903	D3	FB314	*B2	IC201	A2	IC911	E3			R105	*D1	R188	*A2	R276	A2	R361	A2	R444	*B2	R533	C2	R660	*D2	R785	E2
C737	*D2	C820	*D2	C903	E2	C989	*D3	D904	D3	FB401	*C2	IC202	A2	IC912	*E3	Q101	A3	R106	*D1	R189	A2	R277	A1	R362	A2	R445	B2	R534	C2	R661	D3	R786	E2
C738	*D2	C821	*D2	C904	E2	C990	*D3	D905	*D3	FB402	C2	IC203	A1	IC913	*E3	Q102	A3	R107	*D1	R190	*C3	R278	A1	R363	A2	R446	*B2	R535	C2	R662	*D2	R787	E2
C739	*D2	C822	*D2	C905	D3	C991	*D3			FB403	C3	IC204	A1	IC914	D3	Q103	*A3	R108	*D1	R191	*C3	R279	A1	R364	B2	R447	*B2	R536	C2	R663	*D2	R788	E2
C740	*D2	C823	*D2	C906	D3	C992	*D3	E1	A1	FB404	*C2	IC205	A2	IC915	*E3	Q104	E1	R109	*D1	R192	C3	R280	A1	R365	*A1	R448	B2	R537	C3	R664	*C3	R789	E2
C741	*D2	C824	*D2	C907	D3	C993	*D3	E2	*A1	FB501	C1	IC206	A1	IC916	*D3	Q105	E1	R110	*D1	R193	*C3	R281	A2	R366	*A1	R449	*C2	R538	C3	R665	*C2	R790	E2
C742	*D2	C825	*D2	C908	D3	C2001	C1	E3	C2	FB502	B1	IC207	A1	IC917	*D3	Q106	*E1	R111	*D1	R194	*C3	R282	A2	R367	*A1	R450	B3	R539	*C3	R666	D2	R791	E2
C743	*D2	C826	*D2	C909	D3	C2013	D3	E4	*E2	FB503	B1	IC208	A1	IC918	*D3	Q107	*E1	R112	*D1	R195	*B3	R283	A1	R368	*A1	R451	B3	R540	*C3	R667	*D2	R792	E2
C744	*D2	C827	*D2	C910	D3	C2014	D3	E5	E1	FB504	*B1	IC209	*A2	IC2001	C1	Q108	*E1	R113	*D1	R196	*D3	R284	A1	R369	A1	R452	*B2	R541	*C3	R668	*D2	R793	E2
C745	*D2	C828	*D2	C911	D3	C2015	D3	E6	*C2	FB505	*B1	IC210	*A2			Q109	D1	R114	*D1	R197	*C1	R285	A2	R370	A1	R453	*B2	R542	*C3	R669	D3	R794	E2
C746	*D2	C829	*D2	C912	D3	C2016	D3			FB506	*B1	IC211	A1	JC301	*C2	Q110	D1	R115	*D1	R198	*B3	R286	A2	R371	A1	R454	*C2	R543	*C3	R670	E3	R795	E2
C747	*E2	C830	*D2	C913	D3			FB101	B3	FB507	C1	IC212	*A2	JC501	B1	Q111	D1	R116	*E1	R199	B3	R287	A2	R372	A1	R455	*C2	R544	*C2	R671	E3	R796	E2
C748	*E2	C831	*D2	C914	D3	CL101	A2	FB102	D1	FB508	*B1	IC213	*A2	JC502	B1	Q112	A2	R117	*E1	R205	A2	R288	A2	R373	A1	R456	*C2	R545	C3	R672	E2	R797	D3
C749	*E2	C832	*D2	C915	D3	CL102	A2	FB103	B2	FB509	C1	IC214	*A2	JC503	C1	Q601	E2	R118	*D1	R206	A2	R289	A1	R374	A1	R457	*C2	R546	C3	R673	E2	R798	D3
C750	*D2	C833	*D2	C916	D3	CL103	B2	FB104	E1	FB510	*C1	IC215	*A2			Q801	E2	R119	*E1	R207	A1	R290	A1	R375	A1	R458	C2	R547	*C2	R674	E2	R799	D3
C751	*D2	C834	*D2	C917	D3	CL104	B2	FB105	E1	FB511	*C1	IC216	A2	L101	B3	Q901	*E3	R120	*E1	R208	A1	R291	A1	R376	A1	R459	C2	R548	*C2	R675	E3	R800	C3
C752	*D2	C835	*D2	C918	D3	CL105	E1	FB106	E1	FB512	*C1	IC217	A2	L102	E1	Q902	D3	R121	*E1	R209	A2	R292	A1	R377	A1	R460	C2	R549	C3	R676	E3	R801	C3
C753	*D2	C836	*D2	C919	D3	CL106	E1	FB107	E1	FB513	*B2	IC218	A2	L103	B2	Q903	*E3	R122	*D1	R210	A2	R293	*A2	R378	A1	R461	C2	R550	*C2	R677	E3	R802	D3
C754	*D2	C837	*D2	C920	D3	CL107	D1	FB108	D1	FB601	*E3	IC219	B2	L104	*A3	Q904	E3	R123	*D1	R211	A2	R294	*A2	R379	A1	R462	C2	R551	C3	R678	E3	R803	D3
C755	*D2	C838	*D2	C921	*D3	CL108	D1	FB109	D1	FB701	*D2	IC220	B2	L105	*A3	Q905	*D3	R124	*D1	R212	A2	R295	*A1	R380	A1	R463	C2	R552	*C2	R680	E2	R804	D3

Continued

R806	D3	R922	*D3	RB115	B3	RB422	D2	RB642	*C3	RB805	D3	**DR-657**		C82	B4	IC30	A3	R38	B2	**DR-663**		L4	*A1	R77	A2	**IF-1168**		**LE-380**		D46	*A1	R10	C2
R807	D3	R923	*D3	RB116	C3	RB423	D2	RB643	*C3	RB806	C3	1-885-989-11		C83	B4			R39	B2	1-884-080-13		L5	*A1	R78	A2	1-885-982-11		1-886-734-11		D47	*A2	R11	B2
R808	D3	R924	*D3	RB117	C3	RB424	D3	RB644	*C3	RB807	D3	*: B SIDE		C84	B4	L1	B2	R40	A2	*: B SIDE		L6	*B2	R79	B1	*: B SIDE		*: B SIDE		D48	*A1	R12	B2
R809	D3	R925	*D3	RB118	B3	RB425	C3	RB645	*B3	RB808	D3			C85	A4	L2	B3	R41	*A2			L7	*B2	R80	*A2					D49	*A1	R13	B2
R810	D3	R926	D3	RB119	B3	RB426	C3	RB646	D3	RB809	D3	C1	B3	C86	*B3			R42	*A2	C1	B1	L8	A2	R81	B2	C1	*A1	C1	B2	D50	*A2	R14	B2
R811	D3	R927	D3	RB120	B3	RB427	B1	RB701	D2	RB902	E3	C2	B2	C87	A3	Q1	*B3	R43	*A2	C2	*A2	L9	*B2	R82	A1	C2	A1	C2	B2	D51	*A2	R15	*C2
R812	D3	R928	*D3	RB121	B3	RB428	B1	RB702	D2	RB903	*E3	C3	B3	C88	*B3	Q2	*B3	R44	*A2	C3	*A2			R83	A1	C3	A1	C3	B2	D52	*A2	R16	*C2
R813	D3	R929	D3	RB301	*C2	RB429	*C1	RB703	D1	RB904	D3	C4	B4	C89	A5	Q3	*B3	R45	A2	C4	B2	R1	*A2	R85	*B1	C4	*A1	C4	B2	D53	*A2	R17	*A2
R814	*D3	R930	*D3	RB302	B3	RB430	C2	RB704	D1	RB905	D3	C5	A1	C90	A5	Q4	*B3	R46	A3	C5	B2	R2	B2	R86	*A1	C5	*A1	C5	B2	D54	*A2	R18	*A2
R815	*C3	R931	*D3	RB303	C2	RB431	C2	RB705	E2	RB906	*D3	C6	A1	C91	A1	Q5	*B3	R47	A3	C6	B1	R3	B2			C6	*A1	C6	B2	D55	*A2	R19	B1
R816	*C3	R932	*D3	RB304	C2	RB432	*C1	RB706	E2			C7	A1	C92	A1	Q6	*B3	R48	A3	C7	B1	R4	*A2	RB1	*A1	C7	*A1	C7	B2	D56	*A2	R20	*B2
R817	*C3	R933	*D3	RB305	*C2	RB433	*B1	RB707	E1	S401	B1	C8	B3	C93	A1	Q7	*B3	R49	A3	C8	A1	R5	*A2	RB2	*A1	C8	*A1	C8	A2	D57	*A2	R21	*B2
R818	*D3	R934	D3	RB306	*C2	RB434	*C1	RB708	E1			C9	B5	C94	B1	Q8	*B3	R50	A1	C9	A1	R6	*A2	RB3	*A1	C9	*A1	C9	A2	D58	*A2	R22	B1
R819	*C3	R935	D3	RB307	*C2	RB435	B1	RB709	*E2	THP101	*B3	C10	B5	C96	B1	Q9	*B3	R51	*A1	C10	B1	R7	A2	RB5	*B2	C10	*A1	C10	B2	D59	*A2	R23	*B2
R820	*B3	R936	*D3	RB308	C2	RB436	C1	RB710	*E2	THP102	*D1	C11	B5	C97	*B1	Q10	B3	R52	*A1	C11	A1	R8	A2			C11	A1	C11	C1	D60	*A2	R24	*B2
R821	*C3	R937	*D3	RB309	C2	RB437	C1	RB711	*E1	THP103	*B2	C12	B5	C98	B1	Q11	A1	R53	*A1	C12	B1	R9	B2	S1	A2	C12	*A1	C12	C2	D61	*A2	R25	*B2
R822	*D3	R938	D3	RB310	B3	RB438	C1	RB712	*E1	THP104	*D1	C13	A1	C100	*B1	Q12	B3	R54	*A1	C13	A1	R10	*A1	S2	*A2	C13	*A1	C13	C1	D62	*A2	R26	*B2
R823	*C3	R939	*D3	RB311	C3	RB501	C1	RB713	*D2	THP105	*D1	C14	A1	C101	B1	Q13	*B3	R55	A1	C14	B1	R11	*A1			C14	A1	C14	B1	D101	A1	R27	*B2
R824	*B3	R940	D3	RB312	B3	RB502	*B1	RB714	*D2			C15	A1	C102	B1	Q14	B3	R56	A2	C15	A1	R12	*A1	TH1	*A2	C15	A1	C15	*B2			R28	*B2
R825	*C3	R941	D3	RB313	B2	RB503	C1	RB715	*D1	TP31	*B3	C16	A1	C116	B2	Q15	A5	R57	A2	C16	*B2	R13	*A1			C16	A1	C16	*B2	ET1	*B2	R29	*B2
R826	*C3	R942	*D3	RB314	C3	RB504	C2	RB716	*D1	TP61	*D3	C17	*B3	C117	A3	Q16	A5	R58	A2	C17	*B1	R14	A2			C17	A1	C17	B1			R30	*B2
R827	*C3	R943	D3	RB315	C3	RB505	*C1	RB717	E2	TP62	*E3	C18	A1	C118	A3	Q17	A5	R59	A2	C18	*A1	R15	B1			C18	*A1	C18	B1	FB1	B2	R31	B1
R828	*C3	R944	D3	RB316	C3	RB506	*B1	RB718	E2	TP63	*C3	C19	B3	C119	A3	Q18	A5	R63	A2	C19	*B1	R16	B1			C19	*A1	C19	B1	FB2	B2	R32	B1
R829	*C3	R945	*D3	RB317	B2	RB507	*B1	RB719	E2	TP64	*E2	C20	A1	C120	A3	Q19	A5	R64	A3	C20	*A1	R17	B2			C20	A1	C20	*B2	FB3	A2	R33	B1
R830	*B3	R946	*D3	RB318	B2	RB508	*C1	RB720	*E2	TP65	C3	C21	A1	C121	A3	Q20	A5	R65	A3	C21	*B1	R18	B2			C21	A1	C21	*B2	FB101	B1	R34	B1
R831	*B3	R947	*D3	RB319	B2	RB509	*B1	RB721	D2	TP66	*D3	C22	B3	C123	A2	Q21	A5	R66	A3	C22	*B1	R19	B2			C22	A1	C24	C2	FB102	B1	R35	B1
R832	*C3	R948	D3	RB320	B2	RB510	B1	RB723	D2	TP801	*D3	C23	B5	C125	A3	Q22	A5	R67	A2	C23	*A1	R20	B2			C23	*A1	C25	B2			R36	B1
R833	*C3	R949	*D3	RB321	B2	RB511	B1	RB724	*E2	TP802	*C3	C24	A1	C126	A2	Q23	B1	R69	A2	C26	*B2	R21	*A1			C24	*A1	C101	A2	IC1	B2	R37	B1
R834	*C3	R950	*D3	RB322	B2	RB512	B1	RB725	E2	TP803	*B3	C25	B3	C127	B5	Q24	B1	R70	A2	C27	*B2	R22	B2			C25	*A1	C102	A2	IC2	C1	R38	B1
R835	*C3	R951	*D3	RB323	*B2	RB513	*C1	RB726	*E2	TP804	*C3	C26	B2	C128	A5	Q25	B2	R71	A2	C28	B2	R23	B2					C103	A2	IC3	B1	R39	*B1
R836	*C3	R952	*D3	RB324	*B2	RB514	*C1	RB727	D2	TP901	D3	C27	B2	C129	A3	Q26	*B2	R72	A5	C29	*B1	R24	*A1			CN1	A1	C104	A1	IC4	*B2	R40	*B1
R837	*C3	R953	*D3	RB325	B3	RB515	B1	RB728	D2	TP902	*D3	C28	*B2	C130	A3	Q27	A1	R73	A5	C30	B2	R25	A1			CN2	A1	C105	A2	IC5	*B2	R41	*B1
R838	*C3	R954	*D3	RB326	B3	RB516	B1	RB729	*D2			C29	B3	C131	A3	Q28	B2	R75	A5	C32	B2	R26	B1			CN3	A1	C106	*A2	IC6	B1	R42	*B1
R839	*C3	R955	*D3	RB327	B2	RB517	B1	RB730	*D2	X901	*D3	C30	B5	C132	A3	Q29	A4	R76	A2	C33	*B1	R27	B2			CN4	A1	C107	*C2	IC101	A2	R43	*B1
R840	*B3	R956	*D3	RB328	A3	RB518	*C1	RB731	*E2	X902	*D3	C31	*B2	C133	A3	Q30	A4	R77	A2	C34	B1	R28	A1									R44	*B1
R841	*B3	R957	*D3	RB329	A3	RB519	*C1	RB732	*D2	X903	D3	C32	A2			Q31	A4	R94	B1	C35	B1	R29	*A2			ET1	A1	CN2	*B1	L1	B2	R45	*B1
R842	*B3	R958	*D3	RB330	*B2	RB520	C1	RB733	E2			C33	B3	CN1	B2	Q32	A4	R98	B1	C36	*A1	R30	*A2			ET2	A1	CN3000	C2	L2	B1	R46	*B1
R843	*C3	R959	*D3	RB331	A3	RB521	C1	RB734	E2			C34	A4	CN2	B5	Q33	A4	R99	B1	C37	A1	R31	*A2							L101	A2	R47	*B2
R844	*C3	R960	*D3	RB332	A3	RB522	*C1	RB735	E2			C35	B5	CN3	A5	Q34	A4	R100	B1	C38	A1	R32	*A2			R010	A1	D1	B2			R48	*B2
R845	*C3	R961	*D3	RB333	*C3	RB523	C1	RB736	E2			C36	*A4	CN7	*A4	Q35	A4	R101	B1	C39	*A1	R33	*A2			R011	A1	D2	C1			R49	*B2
R846	*C3	R962	*D3	RB334	B3	RB524	*C1	RB737	D2			C37	B4			Q36	A4	R114	B1			R34	*A2			R012	A1	D3	*B1	Q2	*B1	R50	*B2
R847	*C3	R963	*D3	RB335	C2	RB525	C2	RB738	D2			C38	B1	D1	*B5	Q37	B1	R115	B1	CL1	B1	R35	*B1			R013	A1	D4	*B1	Q3	*B1	R51	*B2
R848	*B3	R964	*D3	RB336	C2	RB601	*E3	RB739	D2			C39	*B1	D2	*B5	Q38	B1	R116	B1	CL2	A2	R36	*A2			R014	A1	D5	*B1	Q4	*B1	R52	*B2
R849	*C3	R965	D3	RB337	B2	RB602	*E3	RB740	D2			C40	*B2	D3	A1	Q39	B1	R118	A1	CL3	A1	R37	*A2			R015	A1	D6	*C1	Q5	*B1	R53	*B2
R850	*C3	R1001	A2	RB338	B2	RB603	*E2	RB741	D2			C41	*B5	D4	A1	Q40	B1	R119	A3	CL6	B2	R38	*A2			R016	A1	D7	*C1	Q6	*B2	R54	*B2
R851	*B3	R1002	A2	RB339	*B2	RB604	*D3	RB742	D2			C42	*B2	D5	*B5			R120	A3	CL7	B2	R39	B2			R017	A1	D8	*C1	Q7	*B2	R55	C2
R852	*C3	R1003	A2	RB340	B2	RB605	*E2	RB743	*D2			C43	*B2	D6	*B5	R1	*B3	R121	A3	CL8	B2	R40	B2			R018	A1	D9	*C1	Q8	*B2	R101	A2
R853	*C3	R1004	A2	RB341	*B2	RB606	*D2	RB744	D2			C44	B2	D7	A1	R2	*B3	R122	A3	CL9	B1	R41	B2			R019	A1	D10	*C1	Q9	*B2	R102	A2
R854	*C3	R1005	A1	RB342	B2	RB607	*C3	RB745	D2			C45	*B2	D8	*B4	R3	*B3	R123	A3	CL10	B1	R42	B2			R021	*A1	D11	*C1	Q10	*B2	R103	A2
R855	*B3	R1006	A1	RB343	B2	RB608	D2	RB746	D2			C46	B5	D9	*B4	R4	*B3	R124	A4			R43	B1			R022	*A1	D12	*C1	Q11	*B2	R104	A2
R856	*C3	R1007	A1	RB344	B2	RB609	D2	RB747	*D2			C47	B5	D10	B2	R5	*B3	R125	A4	CN1	A1	R44	B1			R023	*A1	D13	*C1	Q12	*B2	R105	C2
R857	*C3	R1008	A1	RB345	B2	RB610	D2	RB749	*D2			C48	B5	D11	*B4	R6	*B3	R126	A4	CN2	A2	R45	A1			R024	*A1	D14	*C1	Q13	*B2	R106	C2
R858	*C3	R1009	A1	RB346	B2	RB611	D2	RB750	D2			C49	B4	D12	*B4	R7	*B3	R127	A4	CN3	A2	R46	A1			R025	*A1	D15	*C1	Q14	*B1	R107	C2
R859	*C3	R1010	A1	RB347	B2	RB612	D2	RB751	D2			C50	A2	D13	B1	R8	A1	R128	A4	CN4	A2	R47	B2			R026	*A1	D16	*C1	Q15	*B1	R110	*C2
R860	*B3	R1011	A1	RB348	B2	RB613	*D2	RB752	*D2			C51	*A2	D14	B1	R9	*B3	R129	A4	CN5	B1	R48	B2			R027	*A1	D17	*C2	Q16	*B1	R121	*A2
R861	*C3	R1012	A1	RB349	*B2	RB614	*D2	RB753	*D2			C52	B4	D15	*A3	R10	A1	R130	A4	CN6	A1	R49	A2			R028	*A1	D18	*C1	Q17	*B1	R161	*B2
R862	*C3	R1013	*B1	RB350	*B2	RB615	*D2	RB754	D2			C53	B4	D16	*A3	R11	*B3	R131	A4			R50	B2			R029	A1	D19	*C1	Q18	*B1	R162	*B2
R863	*C3	R1014	*B1	RB351	*B2	RB616	*D2	RB755	D2			C54	B4			R12	A1	R132	A3	D1	*A1	R51	B1			R030	A1	D20	*C2	Q19	*B1	R163	*B2
R864	*B3	R1015	*B1	RB352	*B2	RB617	*D2	RB756	*D2			C55	B4	ET1	A1	R13	A1	R136	A5	D2	*B1	R52	A1			R032	*A1	D21	*C2	Q20	*B1	R164	*B2
R865	*C3	R1016	*B1	RB353	B3	RB618	D3	RB757	D2			C56	A2	ET2	B1	R14	A1	R137	A5	D3	*B1	R53	B1			R033	A1	D22	*C2	Q21	*B1	R165	B1
R866	E2	R2001	C1	RB354	*C2	RB619	D3	RB758	*D2			C57	A3	ET3	B5	R15	A1	R138	*A3	D4	*A1	R54	B1			R034	*A1	D23	*C2	Q22	*B2	R166	B1
R867	*C3	R2002	C1	RB355	*C2	RB620	E3	RB759	*D2			C58	*A1	ET4	A5	R16	A1	R139	*B2	D5	*A1	R55	A1			R035	A1	D24	*C2	Q23	*B2	R167	B1
R901	D3	R2003	C1	RB401	*C2	RB621	E3	RB760	*D2			C59	*A1			R17	A1	R140	*B3	D6	*B1	R56	B1			R036	A1	D25	*C2	Q24	*B2	R168	B1
R902	*E3	R2004	C1	RB402	C2	RB622	D3	RB761	D2			C60	A3	FB4	A5	R18	B3	R141	*A3	D7	*B1	R57	B1			R037	A1	D26	*C2	Q25	*B2	R171	*B2
R903	E3	R2005	D2	RB403	*C2	RB623	E3	RB762	D2			C61	A3			R19	A1	R142	*A3	D8	*A1	R58	A1			R038	*A1	D27	*C2	Q26	*B2	R172	*B2
R904	*E3	R2006	*D3	RB404	C2	RB624	E2	RB763	D1			C62	A1	IC1	B3	R20	B3			D9	*A1	R59	A1			R039	*A1	D28	*C2	Q27	*B2	R173	*B2
R905	*E3	R2007	D3	RB405	*C2	RB625	E2	RB764	D1			C63	*A1	IC2	B2	R21	B3	RB1	B3	D10	B2	R60	B1			R040	*A1	D29	*C2	Q28	*B2	R174	*B2
R906	*E3	R2008	D3	RB406	C2	RB626	E3	RB765	D2			C64	B4	IC3	A1	R22	B3	RB2	B3	D11	*B1	R61	B1			R041	*A1	D30	*C2	Q29	*B2	R175	B1
R907	D3			RB407	*D2	RB627	E2	RB766	D2			C65	B2	IC4	B5	R23	B3	RB3	*B5	D12	*A2	R62	A1					D31	*C2	Q30	*B1	R176	B1
R908	E3	RB101	*D1	RB408	*D2	RB628	E2	RB767	D1			C66	B1	IC5	A1	R24	B3	RB4	*B5			R63	A1					D32	*C2	Q31	*B1	R177	B1
R909	*E3	RB102	C3	RB409	*D2	RB629	E2	RB768	D1			C67	B2	IC6	B5	R25	B2	RB5	*B4	E1	A2	R64	A1					D33	*B1	Q32	*B1	R178	B1
R910	*E3	RB103	B3	RB410	*C2	RB630	E2	RB769	*D2			C68	A1	IC7	A3	R26	*B2	RB6	*B4	E2	B1	R65	A2					D34	*B1	Q33	*B1		
R911	E3	RB104	*B3	RB411	*C2	RB631	E2	RB770	*D2			C69	A2	IC8	B4	R27	*B2	RB7	A5			R66	B1					D35	*B1	Q34	C2		
R912	E3	RB105	B3	RB412	D2	RB632	E2	RB771	*D1			C70	A2	IC10	A1	R28	B3	RB8	A5	IC1	A2	R67	*B2					D36	*A1				
R913	E3	RB106	B3	RB413	D2	RB633	E3	RB772	*D1			C71	A2	IC11	A2	R29	A3	RB9	A5	IC2	B1	R68	A2					D37	*A1	R1	B2		
R914	E3	RB107	B3	RB414	D2	RB634	E3	RB773	*D2			C72	A4	IC12	A2	R30	A3			IC3	A1	R69	B1					D38	*A1	R2	B2		
R915	*E3	RB108	B3	RB415	C2	RB635	E2	RB774	*D2			C73	*A4	IC13	A2	R31	B2	TP1	A3	IC4	B2	R70	A2					D39	*A1	R3	B2		
R916	*E3	RB109	*B3	RB416	C2	RB636	D3	RB775	*D1			C75	A2	IC14	B4	R32	B2			IC6	*B1	R71	*B1					D40	*A1	R4	B2		
R917	*E3	RB110	B3	RB417	C2	RB637	D3	RB776	*D1			C77	B4	IC15	B3	R33	B2			IC7	*A1	R72	*A1					D41	*A1	R5	C2		
R918	*E3	RB111	B3	RB418	*C2	RB638	D3	RB801	D3			C78	A2	IC16	A5	R34	B1					R73	A2					D42	*A1	R6	B2		
R919	*E3	RB112	B3	RB419	C2	RB639	D3	RB802	D3			C79	*B4	IC17	A1	R35	B2			L1	B1	R74	A2					D43	*A1	R7	B2		
R920	D3	RB113	*D1	RB420	*C2	RB640	D3	RB803	D3			C80	A2	IC028	A3	R36	B1			L2	*B1	R75	B1					D44	*A1	R8	B2		
R921	*E3	RB114	B3	RB421	C2	RB641	*C3	RB804	D3			C81	B4	IC029	A3	R37	B1			L3	*B1	R76	A1					D45	*A1	R9	B2		

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*: B SIDE

CN103	*	B1
D10		A1
D11		A1
D12		A1
D13		A1
D14		B1
D15		B1
D16		B1
D17		B1
D20		A1
D21		A1
D22		A1
D23		A1
D24		B1
D25		B1
D26		B1
D27		B1
D30		A1
D31		A1
D32		A1
D33		A1
D34		B1
D35		B1
D36		B1
D37		B1
D40		A1
D41		A1
D42		A1
D43		A1
D44		B1
D45		B1
D46		B1
D47		B1
D50		A2
D51		A2
D52		A2
D53		A2
D54		B2
D55		B2
D56		B2
D57		B2
D60		A2
D61		A2
D62		A2
D63		A2
D64		B2
D65		B2
D66		B2
D67		B2
D70		A2
D71		A2
D72		A2
D73		A2
D74		B2
D75		B2
D76		B2
D77		B2
D80		A2
D81		A2
D82		A2
D83		A2
D84		B2
D85		B2
D86		B2
D87		B2

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1-886-731-11

*: B SIDE

CN1		A1
D1	*	A1
D2	*	A1
D3	*	A1
D4	*	A1
D5	*	A1
D6	*	A1
D7	*	A1
D8	*	A1
D9	*	A1
D10	*	A1
D11	*	A1
D12	*	A1
D13	*	A1
D14	*	A1
D15	*	A1
D16	*	A1
D17	*	A1
D18	*	A1
D19	*	A1
D20	*	A1
D21	*	A1
D22	*	A1
D23	*	A1
D24	*	A1
D25	*	A1
D26	*	A1
D27	*	A1
D28	*	A1
D29	*	A1
D30	*	A1
D31	*	A1
D32	*	A1
D33	*	A1
D34	*	A1
D35	*	A1
D36	*	A1
D37	*	A1
D38	*	A1
D39	*	A1
D40	*	A1
D41	*	A1
D42	*	A1
D43	*	A1
D44	*	A1
D45	*	A1
D46	*	A1
D47	*	A1
D48	*	A1
D49	*	A1
D50	*	A1
D51	*	A1
D52	*	A1
D53	*	A1
D54	*	A1
D55	*	A1
D56	*	A1
D57	*	A1
D58	*	A1
D59	*	A1
D60	*	A1
D61	*	A1
D62	*	A1
D63	*	A1
D64	*	A1
D65	*	A1
D66	*	A1
D67	*	A1
D68	*	A1
D69	*	A1
D70	*	A1
D71	*	A1
D72	*	A1
D73	*	A1
D74	*	A1
D75	*	A1
D76	*	A1
D77	*	A1

D78	*	A1
D79	*	A1
D80	*	A1
D81	*	A1
D82	*	A1
D83	*	A1
D84	*	A1
D85	*	A1
D86	*	A1
D87	*	A1
D88	*	A1
D89	*	A1
D90	*	A1
D91	*	A1
D92	*	A1
D93	*	A1
D94	*	A1
D95	*	A1
D96	*	A1
D97	*	A1
D98	*	A1
D99	*	A1
D100	*	A1
D101	*	A1
D102	*	A1
D103	*	A1
D104	*	A1
D105	*	A1
D106	*	A1
D107	*	A1
D108	*	A1
D109	*	A1
D110	*	A1
D111	*	A1
D112	*	A1
D113	*	A1
D114	*	A1
D115	*	A1
D116	*	A1
D117	*	A1
D118	*	A1
D119	*	A1
D120	*	A1
D121	*	A1
D122	*	A1
D123	*	A1
D124	*	A1
D125	*	A1
D126	*	A1
D127	*	A1
D128	*	A1
D129	*	A1
D130	*	A1
D131	*	A1
D132	*	A1
D133	*	A1
D134	*	A1
D135	*	A1
D136	*	A1
D137	*	A1
D138	*	A1
D139	*	A1
D140	*	A1
D141	*	A1
D142	*	A1
D143	*	A1
D144	*	A1
D145	*	A1
D146	*	A1
D147	*	A1
D148	*	A1
D149	*	A1
D150	*	A1
D151	*	A1
D152	*	A1
D153	*	A1
D154	*	A1
D155	*	A1
D156	*	A1
D157	*	A1
D158	*	A1
D159	*	A1
D160	*	A1

D161	*	A1
D162	*	A1
D163	*	A1
D164	*	A1
D165	*	A1
D166	*	A1
D167	*	A1
D168	*	A1
D169	*	A1
D170	*	A1
D171	*	A1
D172	*	A1
D173	*	A1
D174	*	A1
D175	*	A1
D176	*	A1
D177	*	A1
D178	*	A1
D179	*	A1
D180	*	A1
D181	*	A1
D182	*	A1
D183	*	A1
D184	*	A1
D185	*	A1
D186	*	A1
D187	*	A1
D188	*	A1
D189	*	A1
D190	*	A1
D191	*	A1
D192	*	A1
D193	*	A1
D194	*	A1
D195	*	A1
D196	*	A1
D197	*	A1
D198	*	A1
D199	*	A1
D200	*	A1
D201	*	A1
D202	*	A1
D203	*	A1
D204	*	A1
D205	*	A1
D206	*	A1
D207	*	A1
D208	*	A1
D209	*	A1
D210	*	A1
D211	*	A1
D212	*	A1
D213	*	A1
D214	*	A1
D215	*	A1
D216	*	A1
D217	*	A1
D218	*	A1
D219	*	A1
D220	*	A1
D221	*	A1
D222	*	A1
D223	*	A1
D224	*	A1
D225	*	A1
D226	*	A1
D227	*	A1
D228	*	A1
D229	*	A1
D230	*	A1
D231	*	A1
D232	*	A1
D233	*	A1
D234	*	A1
D235	*	A1
D236	*	A1
D237	*	A1
D238	*	A1
D239	*	A1
D240	*	A1
D241	*	A1
D242	*	A1
D243	*	A1

D244	*	A1
D245	*	A1
D246	*	A1
D247	*	A1
D248	*	A1
D249	*	A1
D250	*	A1
D251	*	A1
D252	*	A1
D253	*	A1
D254	*	A1
D255	*	A1
D256	*	A1

MB-1185

1-886-748-11

*: B SIDE

C4	*	D1
C23		A2
C24		A2
C25		A2
C26		B1
C27		B2
C28		B2
C29		B2
C30		B2
C31		B2
C32		B2
C33		B2
C34		C1
C35		B2
C38		B1
C39		B2
C52		B2
C53		B2
CL23		E1
CL24		E1
CL25		E1
CL26		E1
CL27		E2
CL29		E2
CL30		E1
CL31		B2
CL32		B2
CL33		A1
CL34		A1
CN1		E2
CN100		A2
CN101		D1
CN102		C2
CN103		A1
CN201		A2
CN601		D2
CN602		A2
ET1	*	A1
ET2	*	A2
ET3	*	E1
IC2	*	D1
IC21		A2
IC22		B2
IC23		B2
IC24		B2
IC25		B2
L1		D2
L2		D2
L3		D2
L4		D1
L5	*	D2
L6		C1
L7		D1
L8		D1
L9	*	D1
Q21		B2
Q22		B2
Q23		B2
Q24		B2
Q25		B2
Q26		B2
Q27		B2
Q28		B2
R1	*	E1
R2	*	E1
R3	*	C1
R4	*	C1
R21		A2
R22		A2
R23		A2
R24		A2
R25		A2

R26		A2
R27		B2
R28		B2
R29		B2
R30		B2
R31		B2
R32		B2
R33		B2
R34		B2
R35		B2
R36		B2
R37		B2
R38		B2
R39		B2
R40		B2
R41		B2
R42		B1
R43		B2
R44		B2
R45		C2
R46		B2
R47		B2
R48		B2
R49		B1
R50		B2
R51		B2
RB21		A2
RB22		A2
SL1	*	E2
SL2	*	E2
THP11	*	B2

PA-388

1-885-986-11

*: B SIDE

C1		A2
C2		A2
C5		A2
C6		A2
C7	*	A2
C8		A2
C9		A2
C10		A2
C11		A1
C12		A2
C13		A2
C16	*	A1
C17	*	A1
C18	*	A1
C19	*	A1
C20	*	B1
C22		A1
C23		B1
C24	*	A2
C25		B1
C26		B2
C27		B2
C28	*	A2
C29	*	A2
C30	*	A2
C31	*	A2
C33		B2
C34		A1
C35		B2
C36	*	A2
C37	*	A2
C38	*	A2
C39	*	A2
C40	*	A2
C41	*	A2
C44	*	A2
C45	*	B3
C46	*	B3
C47	*	A3
C48		A1
C49	*	A1
C50	*	A2
C51		A2
C54	*	A3
C55		A2
C56		A1
C57	*	A1
C58		B2
C59		B2
C66	*	A2
C68	*	A2
C69		A2
C70		A2
C71		A2
C72	*	A2
C73	*	A2
C74	*	A2
C75		A2
C76		A2
C77		A2
C78		A2
C79		A2
C80		A2
C104		A1
C105		A1
C106		A1
C110		A1
C111		A1
C112		A1
C113		B1
C118		A1
C119		B1
C120	*	A1
C121	*	A1
C122	*	A1
C123	*	A1
C124	*	A1
C125	*	A1
C126	*	A1

C127	*	A1
C128	*	A1
C129	*	A1
C130	*	A1
C131	*	A1
C132		A1
C133		A1
C134		A1
C135		A1
C136		A1
C137		A1
C138	*	A1
C139	*	B1
C140	*	A1
C141	*	B1
C142	*	A1
C143	*	B1
C144	*	A1
C145	*	B1
C146	*	A1
C147	*	B1
C148		A1
C149		A1
C150	*	A1
C151		B1
C152		B1
C153	*	B1
C154	*	A1
C155	*	A1
C156	*	A1
C157	*	B1
C160		A1
CL101		A1
CL102		B1
CN1		A3
CN2		A1
D1	*	A1
D3		A2
D4		A2
D5		A2
D6		A2
D8	*	A2
D9	*	A2
FB1		A2
FB2		A2
FB3	*	A3
FB4	*	B3
FB5	*	A3
FB6		B2
IC1	*	A3
IC2	*	A2
IC3		A2
IC4	*	A2
IC5	*	A2
IC6	*	A2
IC101		A1
IC102		A1
IC104	*	A1
IC105	*	B1
L1		A2
L2		A2
L3		B2
L101		A1
L102		A1
Q1		A2
Q10		A2
Q12	*	A2
Q13	*	A2
Q14	*	A2
R1		A2
R2	*	A2
R4	*	A2
R5	*	A1
R6		A2
R8		A2

R9		B2
R10		A2
R11		A2
R12		A1
R17		B2
R18		B2
R19		A2
R20		A2
R21		A2
R22		A2
R23		A2
R24		A2
R25		A2
R26		A2
R27		B1
R28		A2
R29	*	B2
R30	*	B2
R31	*	B2
R32	*	B1
R33	*	B1
R37	*	A2
R40		B2
R41		B2
R46		B1
R47		B2
R49		A2
R53		A2
R54		A2
R56		A2
R61		A2
R62		A2
R63	*	A2
R65		A1
R66	*	A2
R67	*	A2
R68		A2
R70	*	A2
R74		A2
R75		A2
R76		A2
R77		A2
R79		A2
R80		A2
R82	*	A2
R83	*	A2
R84	*	A2
R85	*	A2
R86		A2
R87		A2
R88		A2
R89		A2
R90		A2
R91		A2
R92		A2
R93		A2
R101		B1
R104		B1
R107		A1
R108		A1
R109		A1
R110		A1
R111		A1
R112		A1
R117		A1
R118		B1
R119		B1
R130		B1
R131		A1
R132		B1
R148	*	A1
R149	*	B1
R150	*	A1
R151	*	B1
R152	*	A1
R153	*	A1
R158		A1
R159		B1
R161		B1
R162		A1
R163		B1
R164		A1
R165		A1

R166		A1
R167		A1

PA-389

1-885-987-11

*: B SIDE

C1		A2
C2		B2
C5		B2
C6		B2
C7	*	A2
C8		B2
C9		A2
C10		B2
C11		B1
C12		B2
C13		A2
C16	*	B1
C17	*	B1
C18	*	B1
C19	*	B1
C20	*	B1
C22		A1
C23		B1
C24	*	A2
C25		B1
C26		B2
C27		B2
C28	*	A2
C29	*	A2
C30	*	A2
C31	*	A2
C33		B2
C34		A1
C35		B2
C36	*	A2
C37	*	A2
C38	*	A2
C39	*	A2
C40	*	A2
C41	*	A2
C44	*	A2
C45	*	B3
C46	*	A3
C47	*	A3
C48		B1
C49	*	B1
C50	*	B2
C51		B2
C54	*	A3
C55		B2
C56		B1
C57	*	B1
C58		B2
C59		B2
C66	*	A2
C68	*	B2
C69		B2
C70		B2
C71		B2
C72	*	A2
C73	*	B2
C74	*	B2
C75		A2
C76		A2
C77		A2
C78		A2
C79		A2
C80		A2
C104		A1
C105		A1
C106		A1
C110		B1
C111		A1
C112		B1
C113		B1
C118		A1
C119		B1
C120	*	A1
C121	*	A1
C122	*	B1
C123	*	A1
C124	*	A1
C125	*	A1
C126	*	B1

C127	*	B1
C128	*	B1
C129	*	B1
C130	*	A1
C131	*	B1
C132		A1
C133		A1
C134		A1
C135		B1
C136		B1
C137		B1
C138	*	A1
C139	*	B1
C140	*	A1
C141	*	B1
C142	*	A1
C143	*	B1
C144	*	A1
C145	*	B1
C146	*	A1
C147	*	B1
C148		A1
C149		A1
C150	*	A1
C151		B1
C152		B1
C153	*	B1
C154	*	A1
C155	*	A1
C156	*	B1
C157	*	B1
C160		B1
CL101		A1
CL102		B1
CN1		A3
CN2		A1
D1	*	A1
D3		B2
D4		A2
D5		A2
D6		A2
D8	*	B2
D9	*	B2
FB1		B2
FB2		B2
FB3	*	A3
FB4	*	A3
FB5	*	A3
FB6		B2
IC1	*	A3
IC2	*	B2
IC3		A2
IC4	*	A2
IC5	*	A2
IC6	*	A2
IC101		A1
IC102		B1
IC104	*	A1
IC105	*	B1
L1		B2
L2		B2
L3		B2
L101		A1
L102		B1
Q1		A2
Q10		B2
Q12	*	A2
Q13	*	A2
Q14	*	B2
R1		B2
R2	*	A2
R4	*	A2
R5	*	A1
R6		B2
R8		B2

R9		B2
R10		B2
R11		B2
R12		B1
R17		B2
R18		B2
R19		A2
R20		A2
R21		A2
R22		A2
R23		A2
R24		A2
R25		A2
R26		A2
R27		B1
R28		B2
R29	*	B2
R30	*	B2
R31	*	B2
R32	*	B1
R33	*	B1
R37	*	A2
R40		B2
R41		B2
R46		B1
R47		B2
R49		B2
R53		B2
R54		B2
R56		B2
R61		B2
R62		B2
R63	*	A2
R65		B1
R66	*	A2
R67	*	A2
R68		B2
R70	*	A2
R74		A2
R75		A2
R76		A2
R77		A2
R79		B2
R80		B2
R82	*	B2
R83	*	B2
R84	*	B2
R85	*	B2
R86		B2
R87		B2
R88		B2
R89		B2
R90		A2
R91		A2
R92		A2
R93		A2
R101		B1
R104		B1
R107		A1
R108		A1
R109		A1
R110		A1
R111		A1
R112		A1
R117		B1
R118		B1
R119		B1
R130		B1
R131		B1
R132		B1
R148	*	A1
R149	*	B1
R150	*	A1
R151	*	B1
R152	*	A1
R153	*	A1
R158		A1
R159		B1
R161		B1
R162		A1
R163		B1
R164		B1
R165		B1

R166		A1
R167		A1

PA-390

1-885-988-11

*: B SIDE

C1		A2
C2		A2
C5		A2
C6		A2
C7	*	A2
C8		A2
C9		A2
C10		A2
C11		A1
C12		A2
C13		A2
C16	*	A1
C17	*	A1
C18	*	A1
C19	*	A1
C20	*	B1
C22		A1
C23		B1
C24	*	A2
C25		B1
C26		B2
C27		B2
C28	*	A2
C29	*	A2
C30	*	A2
C31	*	A2
C33		B2
C34		A1
C35		B2
C36	*	A2
C37	*	A2
C38	*	A2
C39	*	A2
C40	*	A2
C41	*	A2
C44	*	A2
C45	*	B3
C46	*	B3
C47	*	A3
C48		A1
C49	*	A1
C50	*	A2
C51		A2
C54	*	A3
C55		A2
C56		A1
C57	*	A1
C58		B2
C59		B2
C66	*	A2
C68	*	A2
C69		A2
C70		A2
C71		A2
C72	*	A2
C73	*	A2
C74	*	A2
C75		A2
C76		A2
C77		A2
C78		A2
C79		A2
C80		A2
C104		A1
C105		A1
C106		A1
C110		A1
C111		A1
C112		A1
C113		B1
C118		A1
C119		B1
C120	*	A1
C121	*	A1
C122	*	A1
C123	*	A1
C124	*	A1
C125	*	A1
C126	*	A1

C127	*	A1
C128	*	A1
C129	*	A1
C130	*	A1
C131	*	A1
C132		A1
C133		A1
C134		A1
C135		A1
C136		A1
C137		A1
C138	*	A1
C139	*	B1
C140	*	A1
C141	*	B1
C142	*	A1
C143	*	B1
C144	*	A1
C145	*	B1
C146	*	A1
C147	*	B1
C148		A1
C149		A1
C150	*	A1
C151		B1
C152		B1
C153	*	B1
C154	*	A1
C155	*	A1
C156	*	A1
C157	*	B1
C160		A1
CL101		A1
CL102		B1
CN1		A3
CN2		A1
D1	*	A1
D3		A2
D4		A2
D5		A2
D6		A2
D7	*	A2
D8	*	A2
FB1		A2
FB2		A2
FB3	*	A3
FB4	*	B3
FB5	*	A3
FB6		B2
IC1	*	A3
IC2	*	A2
IC3		A2
IC4	*	A2
IC5	*	A2
IC6	*	A2
IC101		A1
IC102		A1
IC104	*	A1
IC105	*	B1
L1		A2
L2		A2
L3		B2
L101		A1
L102		A1
Q1		A2
Q10		A2
Q12	*	A2
Q13	*	A2
Q14	*	A2
R1		A2
R2	*	A2
R4	*	A2
R5	*	A1
R6		A2
R8		A2

Continued

R9 B2
R10 A2
R11 A2
R12 A1
R17 B2
R18 B2
R19 A2
R20 A2
R21 A2
R22 A2
R23 A2
R24 A2
R25 A2
R26 A2
R27 B1
R28 A2
R29 *B2
R30 *B2
R31 *B2
R32 *B1
R33 *B1
R37 *A2
R40 B2
R41 B2
R46 B1
R47 B2
R49 A2
R53 A2
R54 A2
R56 A2
R61 A2
R62 A2
R63 *A2
R65 A1
R66 *A2
R67 *A2
R68 A2
R70 *A2
R74 A2
R75 A2
R76 A2
R77 A2
R79 A2
R80 A2
R82 *A2
R83 *A2
R84 *A2
R85 *A2
R86 A2
R87 A2
R88 A2
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R90 A2
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R92 A2
R93 A2
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R109 A1
R110 A1
R111 A1
R112 A1
R117 A1
R118 B1
R119 B1
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R132 B1
R148 *A1
R149 *B1
R150 *A1
R151 *B1
R152 *A1
R153 *A1
R158 A1
R159 B1
R161 B1
R162 A1
R163 B1
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R165 A1
R166 A1
R167 A1

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*: B SIDE

C100 C3
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C103 B4
C104 B2
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C207 B3
C210 B3
C211 A3
C212 B4
C213 B3
C214 *A1
C215 A2
C217 A4
C219 A4
C220 A4
C221 A3
C222 A3
C301 B3
C302 B3
C303 B3
C304 B2
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C307 *B2
C308 *B2
C309 *B2
C310 B2
C311 *B2
C312 *B2
C314 B2
C317 A1
C318 A2
C319 A1
C321 *B2
C322 B2
C400 A3
C401 A3
C402 B2
C403 B3
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C1101 C3
C1102 C2
C1113 C1
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C1202 A4
C1203 A3
C1215 A4
C1216 A4
C1300 C2
C1301 C2
C1302 *C1
C1304 *C1
C1305 *C1
C1306 *C1
C1308 C1
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C1315 C2
C1316 C2
C1318 C2
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C1322 C2
C1323 C2
C1325 C2
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C1329 C1
C1330 C1
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CL1101 C3
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D206 B3
D207 A4
D209 B3
D210 A4
D211 A4
D212 A4
D213 A4
D300 B3
D302 B3
D307 *B2
D308 *B2
D309 *B2
D310 *B2
D311 *B2
D312 *B2
D313 *B2
D314 A1
D315 *A1
D318 *B2
D400 *B2
D401 B3
D402 B3
D403 A3
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D1200 A4
D1300 C1
D1301 C1
D1302 *C1
D1303 *C1
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E1104 A4
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F101 C4
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FB300 A1
FB301 *A1
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IC201 B3
IC202 B4
IC300 B3
IC301 *B2
IC302 B2
IC400 A3
IC1200 A4
IC1300 C2
IC1302 C1
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L200 A4
L1300 C1
L1301 C1
L1302 C1
L1303 C1
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PH1300 C2
PH1301 C2
PH1302 *C2
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Q302 *A1
Q303 B2
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Q401 A3
Q402 A3
Q403 B3
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Q1301 *C1
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R101 C2
R102 *C2
R103 *C2
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R108 B2
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R229 A3
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R326 *B2
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R330 *B2
R332 A1
R333 *A2
R334 *B2
R336 A1
R337 A1
R338 *B2
R339 B2
R340 C2
R343 *B2
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R401 A3
R402 B3
R403 B3
R404 A3
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R408 A3
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R1202 A4
R1203 A4
R1204 A4
R1205 A4
R1206 A4
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R1303 C2
R1304 C2
R1305 *C1
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R1325 C2
R1326 C2
R1327 C2
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R1332 *C1
R1333 C1
R1334 C1
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SL1103 C1
SL1104 A4
SL1105 A4
SL1106 A4
T200 A3
T1200 A4
T1300 B1
THP200 A4
TP1103 C3
TP1104 C3

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C1208 *B2
C1214 *B2
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C1326 A1
C1334 B2
C1335 B2
C1336 B3
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C1402 *D4
C1404 *C3
C1405 *C3
C1406 A3
C1408 B4
C1409 B4
C1410 *B4
C1411 C4
C1412 A4
C1413 A4
C1414 B4
C1415 C4
C1416 A4
C1417 *A4
C1418 *C4
C1419 *C4
C1420 *C4
C1421 *C4
C1422 C4
C1423 *B4
C1424 *B4
C1425 B4
C1432 *C4
C1433 A4
C1435 *D4
C1436 *A4
C1437 *B3
C1438 B3
C1439 C4
C1440 A1
C1441 B2
C2000 *B3
C2001 *B3
C2002 A3
C2003 A3
C2004 B3
C2005 B4
C2006 B3
C2007 B4
C2008 B3
C2009 B3
C2010 *B3
C2011 *B3
C2012 *B3
C2013 *B3
C2014 *A3
C2015 A4
C2016 *B3
C2017 *B3
C3000 A4
C3001 C4
C3002 B4
C3003 B4
C3004 *A4
C3005 *C4
C3006 C4
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C3008 *A4
C3009 A4
C3010 A4
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C3021 *A4
C3022 *A4
C3023 *A4
C3024 *A4
C3025 *A4
C4000 B3
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C4002 *A4
C4003 *C4
C4004 *A3
C4005 B4
C4006 *B3
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CL2004 *B4
CL2005 *B3
CL2006 *B3
CL2007 *B2
CL2008 *B4
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CL3002 *A4
CL3003 *B4
CL4002 *B4
CL4003 *B4
CL4004 *B3
CN1100 A1
CN1104 *C2
CN1401 D4
CN1402 C4
CN1403 B4
CN1404 *A2
CN2000 *B1
CN3000 A4
D1101 *B3
D1400 *D4
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D1403 *B2
D1404 *B3
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D1408 *B2
D1409 *C3
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D1412 *B2
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D1435 *A3
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D2003 *B2
D2004 *B2
D2005 *B2
D2006 *C3
D2007 *C3
D2008 A3
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D4003 *A3
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IC1403 A4
IC1404 B4
IC1405 B4
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Q4002 *C4
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R1466 C4
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R1469 A4
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R1494 C4
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R1525 B3
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R1527 *B3
R1528 B3
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R2024 B3
R2025 *B3
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R2039 B3
R2046 A1
R2047 A3
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R3003 A4
R3004 A4
R3005 B4
R3006 *A4
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R3009 B4
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R3034 *A2
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R4001 *A4
R4002 *A4
R4003 *A4
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R4007 *B3
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R4009 *A3
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RB4001 A3
RB4002 A3
RB4003 *A3
RB4004 *A3
RB4005 *C4
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RB4007 *B4
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S1100 A1
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SL1402 A4
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SL1405 *A4
SL1406 *D4
SL1407 *D4
SL1408 *D4
X2000 B3

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*: B SIDE

C101 *C2
C102 C2
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C104 C2
C105 *C1
C106 *C2
C107 C2
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C109 *D1
C110 C2
C111 *D2
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C113 *C2
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C116 *D2
C117 *C2
C118 *C2
C201 *C3
C202 B3
C203 B3
C204 *B3
C205 C3
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C208 *C4
C209 *A4
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C302 *B1
C303 *B1
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C310 *B1
C311 *B1
C312 B2
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C318 B2
C319 *B2
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C328 *B2
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C508 A3
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CL208 C2
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CL451 *B4
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D653 *B3
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FB202 *C2
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FB452 C4
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FB602 C3
FB651 B4
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IC652 *B3
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R552 *A3
R553 *A2
R554 *A2
R555 A3
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R557 *A3
R558 *A3
R559 *A3
R560 *A3
R561 *D3
R562 *D2
R563 *A3
R564 *D2
R601 *B3
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R603 *C3
R604 *B3
R605 *B3
R606 *C3
R607 *D3
R608 *D3
R609 *B3
R610 *B3
R611 *B3
R612 *B3
R651 A4
R652 *B4
R653 *B4
R654 *B4
R655 *B4
R656 *B4
R657 *A4
R658 *B4
R659 *D3
R660 *D3
R661 *D3
R662 *B3
THP101 *D2

SDI-109
1-885-935-11
*: B SIDE

C1	C2	C156	*B2	C326	*F4	C412	G4	C731	G2	C858	*F3	CL1008	*C4	FB106	E4	IC615	E3	Q210	B4	R110	D4	R208	*B3
C2	*C2	C157	*B2	C327	*F4	C500	B1	C732	*D1	C859	*F3	CL1009	*C4	FB107	E4	IC701	G2	Q211	B4	R111	D4	R213	B2
C3	*C2	C158	A3	C328	*F3	C501	B1	C733	*D1	C860	*F2	CL1100	*E4	FB108	E4	IC702	G2	Q212	*B4	R112	*C3	R214	B2
C4	C2	C159	A2	C329	*F3	C502	B1	C734	*D1	C930	B3	CL1101	*F4	FB109	E4	IC704	G2	Q401	G4	R113	*C3	R215	*B2
C5	*C2	C160	B3	C330	*F3	C503	B1	C735	*D1	C931	B3	CL1102	*F4	FB110	F4	IC707	*D1	Q402	G4	R114	*D3	R216	*B2
C6	*C2	C161	B2	C331	*F4	C504	B1	C736	*D1	C932	C3			FB112	B2	IC708	G2	Q403	G4	R115	*D3	R217	*B2
C7	*C2	C162	B2	C332	*E3	C505	B1	C737	G3	C933	C4	CN100	*A3	FB113	B2	IC709	*C2	Q500	*A1	R116	*C2	R218	*B2
C8	*C2	C163	B3	C333	*E3	C506	B1	C738	*D1	C937	C3	CN101	*G3	FB114	A2	IC800	F2	Q600	D3	R117	D3	R219	*B2
C9	*C2	C164	B3	C334	*E4	C507	C1	C739	*C2	C1000	D4	CN200	*A4	FB115	A2	IC802	*G2	Q700	*F2	R118	D3	R220	*B2
C10	C2	C165	*E2	C335	*F3	C508	*A1	C740	*C2	C1001	D4	CN301	*D3	FB116	*F4	IC803	F2	Q701	*F2	R119	D4	R221	B4
C11	C2	C166	*A2	C336	*E4	C509	*A1	C741	*C1	C1002	D4	CN302	*B3	FB117	*E2	IC805	F2	Q702	*F1	R120	D4	R222	*B4
C12	C2	C167	*A2	C337	*E4	C510	*A1	C742	*C1	C1003	*D4	CN500	*A1	FB118	*E2	IC806	*G3	Q800	*E2	R121	D3	R223	B4
C13	C2	C168	*A2	C338	*F3	C511	*A1	C743	*D1	C1004	D4	CN601	*F1	FB119	*E2	IC807	*G2	Q801	*E2	R122	E4	R224	*B4
C14	C2	C169	*A2	C339	*F3	C512	*A1	C744	*D1	C1005	D4	CN700	G1	FB120	*C3	IC808	*G2	Q802	*E2	R123	*D3	R225	*A4
C15	*C2	C170	A3	C340	*E4	C513	*A1	C745	*C1	C1006	*D4	CN702	*D1	FB121	C3	IC812	F2	Q803	*E2	R124	*D3	R226	*B4
C16	*C2	C171	*A2	C341	*E4	C514	A1	C746	*C1	C1007	*D4	CN705	*C1	FB122	C3	IC813	F3	Q804	*G2	R125	D3	R227	*A4
C17	*C2	C172	A2	C342	*E4	C515	*A1	C747	*C1	C1008	D4	CN1001	*C4	FB123	C3	IC904	B4	Q805	*G2	R126	D2	R228	*A4
C20	*D2	C174	*E2	C343	*E4	C516	*A1	C748	*C1	C1009	D4			FB124	C3	IC908	C3	Q806	*G2	R127	E4	R229	*B4
C21	*D2	C175	B4	C344	*F4	C517	*A2	C749	*C1	C1010	D4	D100	B2	FB125	B3	IC1001	*D4	Q807	*G2	R128	*D4	R230	*B4
C22	*D2	C176	B1	C345	*F4	C518	*A1	C750	*C1	C1011	C4	D101	B2	FB200	*B3	IC1003	D4	Q808	G3	R129	*D3	R231	*B4
C23	*D2	C177	*C2	C346	*F4	C519	*B4	C751	*C2	C1012	C4	D102	*C3	FB201	B3	IC1101	F4	Q809	F3	R130	*D3	R232	B4
C24	C2	C178	C3	C347	*F4	C520	*C4	C761	*F3	C1013	C4	D200	*B3	FB300	E4	IC1102	F4	Q810	F2	R131	*D3	R233	B4
C25	D2	C179	*C2	C348	*F4	C521	*C4	C762	*F3	C1018	D4	D201	*B3	FB301	E4	IC1103	F4	Q811	F3	R132	*C2	R234	B4
C26	D2	C180	*C3	C349	*F4	C522	*A2	C763	*F3	C1019	D4	D202	B3	FB400	G4	IC1111	F4	Q812	F2	R133	*C2	R235	B4
C100	D3	C181	*C3	C350	*E3	C523	*A1	C764	*F3	C1020	C4	D203	B3	FB401	*F4	IC1122	E4	Q813	F2	R134	C3	R236	B4
C101	D4	C182	*C3	C351	*F3	C524	B1	C800	*E2	C1100	F4	D204	B3	FB601	*F1			Q1100	*F1	R135	*C3	R237	B4
C102	C2	C183	*C3	C352	*E3	C525	*B1	C801	*E2	C1101	F4	D205	B2	FB702	*D2	L1	C2	Q1101	*E1	R136	C3	R238	*B4
C103	D3	C184	C3	C353	*E4	C526	*B1	C802	*E2	C1102	G4	D206	B2	FB703	*C1	L100	D2	Q1102	*F1	R137	C4	R239	B4
C104	D4	C185	C3	C354	*E4	C527	*B4	C803	E2	C1103	G4	D207	*A4	FB704	*C2	L101	D4	Q1103	*E1	R138	C4	R240	B4
C105	D3	C186	C3	C355	*E3	C528	*B1	C804	E2	C1104	G4	D208	*A4	FB800	*G2	L102	B2	Q1104	*F1	R139	B2	R241	B4
C106	D4	C187	C3	C356	*F3	C529	*C4	C805	E2	C1105	*F4	D209	*B4	FB801	F2	L103	C3	Q1105	*E1	R140	B2	R245	*B4
C107	*C3	C188	C3	C357	*F3	C530	*B4	C806	E2	C1106	*E4	D210	*A4	FB802	E2	L200	*B3	Q1106	*F4	R141	C4	R246	B4
C108	D3	C189	*C3	C358	*F4	C531	*B4	C807	*E2	C1107	*F4	D500	*A1	FB803	F2	L300	*E2	Q1107	*F1	R142	A3	R247	B4
C109	D4	C190	*C3	C359	*E3	C532	*B2	C808	G2	C1108	*F4	D501	*A2	FB804	F2	L301	*F4	Q1108	*E1	R143	A3	R249	*B4
C110	*C3	C191	*C3	C360	*E3	C533	*B2	C809	*E2	C1109	*F4	D600	*D3	FB805	F2	L302	F4	Q1109	*E4	R144	A3	R250	*B4
C111	*D2	C195	A3	C361	*F3	C534	C4	C810	F2	C1112	*F4	D700	*G2	FB806	G3	L303	*F4	Q1110	*F4	R145	C3	R251	*B4
C112	D3	C200	B3	C362	*E3	C536	*C4	C811	G2	C1113	*E4	D701	*G2	FB807	*F2	L304	*F4	Q1111	*E4	R146	*E2	R254	*B4
C113	D4	C201	*B2	C363	*F3	C537	*C4	C812	*G2	C1114	*E4	D703	*G2	FB808	*G3	L306	*E2	Q1112	*E4	R147	A3	R256	B3
C114	D3	C202	*B2	C364	*E3	C538	*C4	C813	*F2	C1115	*E4	D800	*G3	FB809	*F2	L307	*E2	Q1113	*E4	R148	A3	R257	B3
C115	D4	C203	B2	C365	*F4	C539	C4	C814	*F2	C1116	*E4	D801	*F3	FB810	*F3	L308	*D2	Q1114	*E4	R149	A3	R259	B3
C116	*D3	C204	B2	C366	*E3	C540	C4	C815	F2	C1117	*E4	D802	*F2	FB1000	C4	L500	*B4	Q1115	*E4	R150	*E2	R260	B3
C117	D2	C205	*B2	C367	*E3	C541	C4	C816	F2	C1118	E4	D803	*F3	FB1100	*E4	L501	C4	Q1116	*E1	R151	*C3	R261	D3
C118	D2	C206	*B2	C368	*F4	C542	*C4	C817	E2	C1119	E4	D804	*F2			L502	B1	Q1117	*F1	R152	*B2	R262	D3
C119	D2	C207	*B2	C369	*E4	C549	*B2	C818	*G2	C1120	E4	D805	*F2	FL500	B1	L503	C1	Q1118	*F1	R153	*B2	R263	B3
C120	E4	C208	*B2	C370	*E3	C561	*B1	C819	F2	C1121	F4	D1100	*F4	FL501	C4	L504	*A1	Q1119	*G1	R154	*B2	R264	B3
C121	D4	C209	B2	C371	*E3	C562	*B2	C820	*F2	C1122	*E4	D1101	*F1			L505	B1	Q1120	*F4	R155	A3	R300	*E3
C122	*D4	C210	B2	C372	*F4	C563	B1	C821	*F2	C1123	*F4	D1102	*E1	IC1	F3	L506	C4	Q1121	*F1	R156	A2	R301	*D3
C123	*D3	C211	B4	C373	*F3	C564	B1	C822	E2	C1124	E4	D1103	*F1	IC100	*D2	L507	*B1	Q1122	*G1	R157	*B2	R305	*C3
C124	*D3	C212	*B4	C374	*F3	C565	B1	C823	*F2	C1125	*F4	D1104	*E1	IC101	D2	L508	C4	Q1123	*F1	R158	*B2	R309	*D3
C125	*D3	C213	*A4	C375	*E3	C566	B1	C824	F2	C1126	*F4	D1105	*G1	IC102	D4	L510	*B2	Q1124	*G1	R159	B3	R310	*C3
C126	D3	C214	*B4	C376	*E3	C567	B1	C825	E2			D1106	*E1	IC103	*C3	L513	*B2			R160	E2	R311	*C3
C127	E4	C215	A4	C377	*F4	C568	A2	C826	F2	CL1	D2	D1107	*G1	IC104	E2	L700	*G2	R1	*C2	R161	E2	R403	*F3
C128	D2	C216	*B4	C378	*E3	C600	D3	C827	E2	CL2	D2	D1108	*E1	IC105	A3	L701	*G1	R2	*C2	R162	*C2	R404	*F3
C129	*D4	C217	*B4	C379	*F3	C601	D4	C828	*G2	CL101	D3	D1109	*E1	IC107	*B2	L704	*C1	R3	*C2	R164	B3	R405	F4
C130	D2	C218	B4	C380	*F3	C602	D4	C829	*F2	CL105	B2	D1110	*G1	IC108	E2	L705	*D1	R4	C2	R169	E2	R406	*F3
C131	*D4	C219	*B4	C381	*F3	C603	D3	C830	*G3	CL108	E2	D1111	*F4	IC109	B4	L800	*E2	R5	*C2	R170	E2	R407	F3
C132	D2	C224	D3	C382	*F3	C604	D4	C831	F2	CL109	C4	D1112	*E1	IC110	B2	L801	*G2	R6	C2	R171	E2	R408	F3
C133	*D4	C300	E2	C383	*E3	C605	E4	C832	G3	CL110	C2	D1113	*G1	IC111	*C2	L903	C3	R7	*C2	R172	B4	R409	*F3
C134	C3	C301	E4	C384	*F3	C606	D3	C833	*F2	CL111	E4	D1114	*E1	IC200	*B2	L1100	*G4	R8	*C2	R173	B4	R410	F3
C135	D3	C302	*E3	C385	*F3	C607	D3	C834	*G3	CL112	D3	D1115	*G1	IC203	*B2	L1101	*G4	R9	*C2	R174	*C2	R411	F2
C136	D2	C303	*F3	C386	*F3	C609	*F3	C835	*F2	CL113	B2	D1116	*E1	IC204	*B4	L1102	*E4	R10	*C2	R175	B4	R412	G3
C137	*E4	C304	*F3	C387	D2	C610	*F1	C836	*F3	CL114	C2	D1117	*G1	IC207	*B4	L1103	*E4	R11	C2	R176	A3	R413	G3
C138	D3	C305	*F3	C388	F4	C611	D3	C837	*F2	CL115	E2			IC208	B4	L1104	*F4	R12	C2	R177	B1	R415	G3
C139	D2	C306	*F3	C389	*F4	C613	D3	C838	*G3	CL116	B1	E101	*A1	IC212	*B4			R13	C2	R178	B1	R416	G3
C140	*D4	C307	*F3	C390	*F4	C614	E3	C839	*F2	CL200	B2	E102	*A4	IC214	*B4	Q1	C2	R14	*C2	R179	B1	R417	G3
C141	D2	C308	*F3	C391	*F3	C700	F3	C840	*G3	CL201	B2	E103	*G1	IC220	D3	Q2	*C2	R15	*C2	R183	*C3	R418	F3
C142	*D4	C309	*F3	C392	E2	C701	F3	C841	*F2	CL401	*F4	E104	*G4	IC300	*C3	Q100	C3	R16	*D2	R188	*C3	R419	F3
C143	D2	C310	*E4	C393	E2	C702	F3	C842	*G3	CL500	*B2	E105	C3	IC400	G4	Q101	*C3	R17	*D2	R189	C3	R420	G4
C144	E4	C311	*F4	C394	*E4	C703	F3	C843	*F2	CL501	*B2	E106	E1	IC401	*G4	Q102	B2	R18	*D2	R190	C3	R421	G4
C145	A3	C312	*F4	C395	*E4	C704	*F1	C844	*F3	CL502	*B2	E107	*B3	IC500	B1	Q103	C2	R19	*D2	R191	C3	R500	*E3
C146	B3	C313	*F3	C396	*C3	C705	F3	C845	*F2	CL503	*B2	E108	*F3	IC501	*A2	Q106	D3	R20	*D2	R192	C3	R501	*E3
C147	*B2	C314	*F3	C400	G4	C706	F3	C846	*F3	CL504	*E4			IC503	*A1	Q107	C3	R21	*D2	R193	C3	R502	*E4
C148	*B2	C315	*E3	C401	*F4	C715	*G1	C847	*F2	CL505	*E3	FB1	*C2	IC507	C4	Q108	D3	R22	*D2	R195	D3	R503	*E4
C149	B2	C316	*F3	C402	G3	C716	*G1	C848	*F3	CL508	*E4	FB2	C2	IC508	B1	Q200	*B3	R100	D3	R197	D3	R504	*E3
C150	B2	C317	*F3	C403	*F4	C719	*G2	C849	*F2	CL509	*F4	FB3	C2	IC509	*C4	Q201	*B3	R101	D3	R198	D3	R505	B1
C151	A3	C318	*E3	C404	G4	C720	*G2	C850	*F3	CL1000	*E4	FB4	C2	IC600	D4	Q202	*B3	R102	D4	R200	*B3	R506	*E4
C152	*B2	C319	*F3	C405	*G4	C721	*G1	C851	*F2	CL1001	*E4	FB5	C2	IC601	D4	Q203	*B3	R103	D4	R201	*B3	R507	B1
C154	A3	C320	*F3	C406	G3	C723	*G1	C852	*F3	CL1002	E4	FB100	D3	IC602	*F3	Q204	B2	R104	D3	R202	*B3	R508	*E3
C155	*B2	C321	*F3	C407	F3	C726	*D2	C853	*F2	CL1003	*F4	FB101	D4	IC603	D3	Q205	B2	R105	D4	R203	*B3	R509	B1
		C322	*F4	C408	F4	C727	*D2	C854	*F2	CL1004	*E4	FB102	D2	IC606	D3	Q206	*B4	R106	D3	R204	*B3	R510	C1
		C323	*F4	C409	*G3	C728	D2	C855	*F2	CL1005	*E4	FB103	D2	IC607	E3	Q207	B4	R107	D4	R205	*B3	R511	B1
		C324	*F4	C410	*G3	C729	D2	C856	*F2	CL1006	D4	FB104	D2	IC612	D4	Q208	B4	R108	D3	R206	*B3	R512	B1
		C325	*F4	C411	*G4	C730	*D1	C857	*F3	CL1007	*C4	FB105	D2	IC614	D3	Q209	B4	R109	D3	R207	*B3	R513	B1

R514	B1	R614	*D3	R801	*E2	R885	F2	R1107	*F4														
R515	B1	R615	F1	R802	*E2	R886	F2	R1108	*F4														
R516	B1	R616	*D3	R803	*E2	R887	*F2	R1109	*F4														
R517	*B4	R618	D3	R804	*E2	R888	*F2	R1110	*F4														
R518	B1	R619	D3	R805	*E2	R889	F3	R1114	F4														
R519	*B4	R622	*F3	R806	*E2	R890	F3	R1115	F4														
R520	*C4	R624	D3	R807	*E2	R891	F2	R1116	F4														
R521	*C4	R625	*D3	R808	*E2	R892	F2	R1117	F4														
R522	B1	R626	*F3	R809	E2	R893	F2	R1118	*F4														
R523	B1	R627	*F3	R810	E2	R894	F2	R1119	*F4														
R524	*A1	R628	*F3	R811	E2	R895	F3	R1120	*F4														
R525	B1	R629	*F3	R812	E2	R896	F3	R1121	*F4														
R526	*A1	R630	D4	R813	*G2	R897	F2	R1122	*E4														
R527	*A1	R632	*D3	R814	*G2	R898	F2	R1123	*F4														
R528	*A1	R633	*D3	R815	*E2	R899	F2	R1124	*E4														
R529	*A1	R634	*D3	R816	G2	R948	C3	R1125	*E4														
R530	*A1	R635	D3	R817	*E2	R949	C3	R1126	*E4														
R531	*A1	R636	*F3	R818	*G2	R950	B3	R1127	*E4														
R532	*A1	R700	F3	R819	*G2	R951	B3	R1128	*E4														
R533	*A1	R701	F3	R820	G2	R952	B4	R1129	*E4														
R534	*A1	R702	F3	R821	G2	R953	C4	R1130	*E4														
R535	*A1	R703	F3	R822	G2	R955	E3	R1131	*E4														
R536	*A1	R704	F3	R823	*F2	R956	C3	R1132	*E4														
R537	*A2	R705	F3	R824	E2	R957	E3	R1133	E4														
R538	*A1	R706	F3	R825	*G2	R958	*E3	R1134	E4														
R539	*A1	R707	F3	R826	*F2	R959	C3	R1135	E4														
R540	*A1	R708	*F1	R827	*F2	R960	E3	R1136	F4														
R541	*C4	R709	*F1	R828	F2	R962	C3	R1137	*F4														
R542	*C4	R710	*D1	R829	F2	R963	C3	R1138	*F4														
R543	*A1	R715	*F1	R830	F2	R964	C3	R1139	F4														
R544	*A1	R716	*F1	R831	E2	R966	C3	R1140	F4														
R545	*A1	R719	*F1	R832	*F2	R967	C3	R1141	*F4														
R546	*A2	R720	*F1	R833	*F2	R968	D3	R1142	E4														
R547	*A1	R721	*F2	R834	*F2	R969	D3	R1143	*F4														
R548	*A2	R723	*F1	R835	*F2	R970	E3	R1144	E4														
R549	*B4	R727	*F2	R836	E2	R971	G3	R1145	*E1														
R550	B1	R734	*D2	R837	F2	R972	G3																
R551	B1	R737	*D2	R838	F2	R973	G3	RB400	F3														
R552	B1	R738	*D2	R839	E2	R974	G3	RB401	F3														
R553	*B1	R739	*D2	R840	F2	R975	E3	RB402	G3														
R554	*C4	R740	G2	R841	F2	R976	E3	RB403	G3														
R555	*C4	R741	*G2	R842	F2	R977	E3	RB404	F4														
R556	A1	R742	G2	R843	F2	R978	E3	RB405	F4														
R557	A1	R743	*D2	R844	E2	R979	E3	RB406	G4														
R558	A1	R744	*D2	R845	*G2	R980	E3	RB407	G4														
R559	A1	R745	*D1	R846	E2	R1001	*E4	RB408	*G3														
R560	A1	R746	*D1	R847	*G2	R1002	C4	RB409	*G3														
R561	*C4	R747	*D1	R848	F2	R1003	*D4	RB410	*G3														
R562	C4	R748	*D2	R849	F2	R1004	D4	RB411	*G3														
R563	*A1	R749	*D2	R850	F2	R1005	D4	RB412	*G4														
R564	C4	R750	*D1	R851	E2	R1006	C4	RB413	*G4														
R565	C4	R751	D2	R852	*G3	R1007	*C4	RB414	*G4														
R566	C4	R752	D2	R853	G3	R1008	*C4	RB415	*G4														
R567	C4	R753	*D2	R854	F2	R1011	*E4	RB416	*F3														
R568	*C4	R754	*D2	R855	*F3	R1012	*E4	RB417	F3														
R569	C4	R759	*F3	R856	F3	R1013	*E4	RB418	F3														
R570	C4	R760	*F3	R857	*F2	R1018	D4	RB419	*F3														
R571	*C4	R761	F3	R858	*F2	R1019	D4	RB420	*F3														
R572	*C4	R762	F3	R859	F2	R1020	*C4	RB500	E3														
R573	*C4	R764	*D2	R860	*G3	R1021	*C4	RB501	E4														
R574	*C4	R765	*C1	R861	*G3	R1024	*D4	RB502	E4														
R575	*C4	R766	*C2	R862	*F2	R1025	*D4	RB503	E4														
R583	A2	R767	*C2	R863	G3	R1026	*D4	RB504	E4														
R584	B2	R770	*C2	R864	*G3	R1027	*D4	RB505	B1														
R585	*B1	R771	*C1	R865	F2	R1028	*D4	RB506	B1														
R589	C4	R772	*C1	R866	F2	R1029	*D4	RB507	*B4														
R590	C4	R773	*C2	R868	F2	R1030	F4	RB508	*C4														
R591	*E4	R774	*C2	R869	F2	R1031	E4	RB509	*B1														
R592	A1	R775	*D2	R870	F2	R1032	E4	RB510	*B2														
R600	D3	R776	*C1	R871	F2	R1033	E4	RB511	*B2														
R601	D3	R777	*C1	R872	F2	R1034	E4	RB513	*E4														
R602	D3	R778	*C1	R873	*G2	R1035	E4	RB514	E4														
R603	*D3	R790	*C2	R874	G2	R1036	*D4	RB600	F1														
R604	*D3	R791	*C2	R875	G3	R1037	*D4	RB601	*F3														
R605	F1	R792	*C2	R876	G3	R1038	*D4	RB602	E3														
R606	F1	R793	F3	R877	G3	R1039	F4	RB603	*E3														
R607	F1	R794	F3	R878	*G2	R1100	F4	RB604	E3														
R608	F1	R795	F3	R879	*F3	R1101	F4	RB605	E3														
R609	*D3	R796	F3	R880	F3	R1102	*F4	RB606	E3														
R610	*D3	R797	*D1	R881	*F2	R1103	*F4	RB700	*G2														
R611	*D3	R798	*D1	R882	*G3	R1104	*F4	RB1100	F1														
R612	*D3	R799	*D1	R883	*F2	R1105	F4	RB1101	F1														
R613	D3	R800	*E2	R884	*G3	R1106	F4	RB1105	F1														

Continued

RB1106 E1
RB1107 E1
RB1108 G1

S1100 *F1
S1103 *E1

THP1 C2
THP100 D3
THP101 D3
THP102 D4
THP103 D4
THP104 C3
THP105 C3
THP106 B2
THP107 B2
THP108 B3
THP109 B3
THP110 *G3
THP2 C2

TP500 *A1
TP501 *B1
TP502 *C2
TP503 *C4
TP504 *D3
TP505 *D3
TP900 *B3
TP901 *C3
TP902 *C3
TP1001 *C3
TP1002 *D3
TP1100 *F4

X800 E2
X801 E2
X802 G2
X803 G2
X1000 C4
X1100 F4
X1101 E4
X1102 E4
X1103 E4

SW-1536
1-886-729-11
*: B SIDE

CN3 A1
CN4 A1

FH1 A1
FH2 A1
FH3 A1
FH4 A1

S1 A1
S2 A1

SW-1537/ 1537C
1-886-747-11
*: B SIDE

C16 A1
C501 C1
C502 C1
C503 C1
C504 C1
C505 C1
C506 C1
C507 C1
C508 C1
C509 A1
C510 A1
C511 A1
C512 A1
C513 A1
C514 A1

CN501 *C1
CN502 *A1

D501 C1
D502 C1

R501 A1
R502 A1
R509 B1
R510 B1
R511 A1
R512 A1
R513 C1
R514 C1
R516 B1
R517 B1
R518 B1
R519 A1
R520 C1
R521 A1
R522 A2
R523 A2
R524 C1
R525 B1
R526 A1
R527 A1
R528 C1

RV501 B2
RV502 C2
RV503 C1
RV504 A2
RV505 B2
RV506 A1

S501 B1
S502 A1
S503 C1
S504 B1

SL501 B1
SL502 B1

SW-1538
1-886-735-11
*: B SIDE

C101 E2
C102 E2
C103 E2
C104 E2
C105 E2
C106 E3
C107 E3
C108 B1
C109 A1
C110 A1
C112 B1
C113 B1
C114 B1
C115 B1

CN101 E1
CN102 E2

D101 A1
D102 A1
D103 A1
D104 A1
D105 A3
D106 A1
D107 *A2
D108 *A2
D109 A1
D110 A1
D111 B3
D112 B3
D113 B1
D114 B2
D115 B3
D116 B2
D117 B3
D118 B2
D119 B3
D120 B3
D121 B2
D122 B2
D123 *A2
D124 *A2
D125 *A2
D126 *A2
D127 A1
D128 B1
D129 B1
D130 C2
D131 C3
D132 C3
D133 C3
D134 C1
D135 C1
D136 C1
D137 C1
D138 D1
D139 C2
D140 *E3
D141 *E3
D142 D1
D143 D1
D144 D1
D145 D1
D146 D1
D147 *E3
D148 *E3
D149 E3
D150 D2
D151 E1
D152 E1
D153 E1
D154 E1
D155 E1
D156 E2
D157 *E3
D158 *E3
D159 E3

EN101 C3

IC101 B1
IC103 B1
IC105 B1

L101 E3

Q101 B1
Q102 B1
Q103 B1
Q104 B1
Q105 B1
Q106 B1
Q107 B1
Q108 B1
Q109 B1
Q110 B1

R101 A1
R102 A1
R103 A1
R104 A1
R105 A1
R106 A1
R107 B1
R108 B1
R109 B2
R110 B2
R111 B2
R112 B2
R113 B1
R114 B2
R115 B2
R116 B2
R117 B2
R118 B1
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R120 C3
R121 B1
R122 B1

RV101 B2
RV102 B3
RV103 B2
RV104 B3
RV105 D3

S101 A2
S102 A3
S103 B3
S104 B3
S105 B3
S106 A2
S107 A3
S108 A3
S109 A3
S110 A1
S111 B1
S112 B1
S113 C2
S114 C2
S115 C2
S116 C3
S117 C1
S118 C1
S119 C2
S120 D3
S121 D1
S122 D1
S123 D2
S124 D3
S125 E3
S126 E1
S127 E1
S128 E2
S129 E3
S130 E3

SL101 E1
SL102 B1
SL103 A1
SL104 A3
SL105 B3
SL106 E3

SY-408
1-885-936-11
*: B SIDE

BT301 *C3

C1 *E3
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C4 *E1
C5 *E1
C6 *E1
C7 *E3
C8 *E3
C9 *A1
C10 *A3
C11 B3
C12 B3
C13 B3
C14 B1
C15 B1
C16 *E2
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D113 *C3
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D118 C2
D119 D2
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D302 *D2
D303 *D2
D401 *C1
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D602 *A2
D603 E1
D604 E1
D605 E3
D607 *E2
D701 B3
D702 B3
D801 *E2

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D802	*E2	FB34	*E3	FB305	B3			IC706	*D3	IC1504	C1	Q302	*D1	Q1812	*B2	R5	*C3	R316	*D2	R507	*D3	R601	B3	R684	A3	R806	E3	R913	*E2	R1154	B3	R1239	*C3
D803	*E2	FB35	*E2	FB306	A3	FL1201	B3	IC707	*D3	IC1505	C1	Q303	*A3	Q1813	*B2	R6	E3	R317	*D2	R508	E3	R602	E1	R685	A3	R807	E3	R914	D2	R1155	*B3	R1240	*C3
D804	*E2	FB36	*E1	FB307	E1	FL1202	B3	IC708	B1	IC1506	C1	Q304	D1	Q1814	*B2	R7	*E1	R318	*D2	R509	E3	R603	E3	R686	A3	R808	E3	R915	D2	R1156	B3	R1241	*B3
D805	*E2	FB37	E1	FB308	E1	FL1203	B3	IC709	*E3	IC1507	*C1	Q601	E1	Q1815	B2	R8	*E1	R319	D1	R510	E3	R604	*A2	R687	*E2	R809	*E2	R917	D2	R1157	B3	R1242	B3
D806	*E2	FB38	E1	FB309	E1	FL1204	*B3	IC710	B3	IC1508	*C1	Q602	E1	Q1816	*B2	R101	*D3	R320	*D2	R511	D3	R605	*A2	R688	E2	R810	*E2	R919	*D2	R1158	B3	R1243	B3
D807	E3	FB39	*E1	FB310	*D1	FL1205	*A3	IC711	*D3	IC1509	*C1	Q603	E3	Q1817	*B2	R102	*D3	R321	*D2	R512	D3	R606	E1	R689	*E2	R811	*E2	R921	*D2	R1159	*B3	R1244	B3
D808	E3	FB40	*E1	FB401	C1	FL1206	E1	IC712	A2	IC1510	*C1	Q604	*E1	Q1818	*B2	R103	*D3	R322	*D2	R513	*D1	R607	E1	R701	*D3	R812	*E2	R922	*D2	R1160	B3	R1245	B3
D809	*E3	FB41	*A1	FB402	*D1	FL1207	*B3	IC713	D3	IC1511	*C2	Q605	*E1	Q1901	*A2	R104	D3	R323	*D2	R514	*D1	R608	E1	R702	*D3	R813	*E2	R923	*D2	R1161	B3	R1246	B3
D810	*E3	FB42	*B3	FB403	*C1	FL1208	*A3	IC714	*D3	IC1512	*C2	Q606	E1	Q1902	A2	R105	*D3	R324	*D1	R515	*E3	R609	E3	R703	*D3	R814	*E2	R924	*E2	R1162	B3	R1247	*B3
D811	A1	FB43	*A3	FB404	*C1	FL1209	E1	IC715	C3	IC1513	C2	Q607	E1	Q1903	A2	R106	*E3	R325	*D1	R516	*E3	R610	B3	R704	*D3	R815	*E2	R925	*E2	R1163	*B3	R1248	*B3
D812	E3	FB44	A2	FB571	*E2	FL1210	*B3	IC716	A3	IC1514	C2	Q608	*E1	Q1904	*A2	R107	*C3	R326	*D1	R517	*E3	R611	E1	R705	*D3	R816	*E2	R926	*E2	R1164	*B3	R1249	*B3
D1401	A3	FB45	A2	FB701	D3	FL1211	*A3	IC801	E3	IC1515	C2	Q609	*E2	Q1905	*A2	R108	*E3	R327	*D1	R518	E3	R612	E1	R706	D3	R817	*E2	R1001	*E2	R1166	*B3	R1250	*B3
D1402	B1	FB46	*A2	FB702	D3	FL1212	E1	IC802	A1	IC1516	*C2	Q610	*E2	Q1906	*B2	R109	D3	R328	A3	R519	E3	R613	E1	R707	*D3	R818	*E2	R1002	*E2	R1168	B3	R1251	B3
D1403	B1	FB47	*A2	FB703	D3	FL1213	B3	IC803	E2	IC1518	*C2	Q611	A1	Q1907	B2	R110	E3	R329	A3	R520	E3	R614	E1	R708	*D3	R819	*E2	R1003	*E2	R1169	B3	R1252	*B3
D1404	B1	FB48	*A2	FB704	D3	FL1301	C3	IC804	*A1	IC1601	*C2	Q701	B3	Q1908	*B2	R111	E3	R330	B3	R521	E3	R615	*E1	R709	*D3	R820	*E2	R1004	E2	R1170	*B3	R1253	*B3
D1405	B3	FB49	*A1	FB705	D3			IC805	*E3	IC1602	C2	Q702	B3	Q1909	B2	R112	D3	R331	B3	R522	E3	R616	E3	R710	D3	R821	*E2	R1005	E2	R1171	*B3	R1254	B3
D1406	*D3	FB50	*A1	FB706	C3	IC101	*C3	IC806	*E3	IC1603	*C2	Q703	A3	Q1910	B2	R113	D3	R332	B3	R523	E3	R617	*A2	R711	D3	R822	*E2	R1006	E2	R1172	B3	R1255	B3
D1407	*D3	FB51	*A1	FB707	A2	IC102	E1	IC807	*E2	IC1605	C2	Q704	A3	Q1911	*B2	R114	D3	R333	A3	R524	E3	R618	E1	R712	*D3	R823	*E2	R1007	E2	R1173	*B3	R1256	*B3
D1501	*C1	FB52	*A1	FB801	E3	IC103	*D2	IC808	*E2	IC1606	*C2	Q705	B3	Q1912	B2	R115	E3	R335	*D2	R525	*E3	R619	E3	R713	*D3	R824	*E2	R1008	E2	R1174	B3	R1257	B3
D1502	*C1	FB53	*A1	FB1001	E2	IC104	*D2	IC809	A1	IC1607	C2	Q801	A1	Q1913	*B2	R116	D3	R336	*D2	R526	*E3	R620	*E1	R714	*C3	R825	*E2	R1009	E2	R1175	*B3	R1258	*B3
D1503	*C1	FB54	*A1	FB1002	E2	IC105	*D3	IC810	A1	IC1609	*C2	Q1201	*B3	Q1914	B2	R117	D3	R337	*D2	R527	*E3	R621	*E1	R715	*C3	R826	*E2	R1010	E2	R1176	*B3	R1259	*B3
D1504	*C1	FB55	*A1	FB1003	E2	IC106	C3	IC811	*E2	IC1801	*B2	Q1202	*B3	Q1915	*C2	R118	D3	R338	*D2	R528	*D3	R622	*E1	R716	C3	R827	*E2	R1011	E2	R1177	B3	R1260	*C3
D1601	C2	FB56	*A1	FB1101	C1	IC107	D3	IC812	E3	IC1802	B2	Q1203	*B3	Q1918	*B2	R119	E3	R339	*D1	R529	*E3	R623	B3	R717	C3	R828	*E2	R1012	E2	R1178	*B3	R1261	*C3
D1801	*B2	FB57	*A1	FB1102	D2	IC108	D3	IC813	A1	IC1803	*C2	Q1204	*B3	Q1919	*B2	R120	E3	R340	*D1	R530	*E3	R624	*E1	R718	C3	R829	*E2	R1013	E2	R1179	*B3	R1262	B3
D1901	*B2	FB58	*A1	FB1103	*D1	IC109	*C3	IC1001	*D2	IC1804	*C2	Q1205	*B3	Q1920	*B2	R121	*C3	R341	*E1	R531	*E3	R625	E3	R719	*C3	R830	*E2	R1014	E2	R1180	*B3	R1263	B3
D1902	*B2	FB59	*A1	FB1104	*E1	IC301	*D2	IC1002	E2	IC1805	B2	Q1206	B3	Q1921	*B2	R122	D3	R342	*D1	R532	*E3	R626	*A2	R720	*C3	R831	*E2	R1015	E2	R1181	*B3	R1265	B3
D1903	*B2	FB60	*A1	FB1105	D2	IC302	D1	IC1003	E2	IC1806	*B2	Q1207	*B3	Q1922	*B2	R123	C3	R343	*E1	R533	*E3	R627	*A2	R721	C3	R832	*E2	R1016	E2	R1182	*B3	R1266	B3
D1904	*B2	FB61	*A3	FB1106	E2	IC303	B3	IC1004	E2	IC1807	B2	Q1208	*B3	Q1923	*B2	R124	C3	R348	A3	R534	*E3	R628	*A2	R722	C3	R833	*E2	R1017	E2	R1183	*B3	R1267	B3
D1905	*B2	FB62	*A3	FB1107	E2	IC305	*E1	IC1005	*E2	IC1808	B2	Q1209	*B3	Q1924	*B2	R125	C3	R349	A3	R535	*D3	R629	E1	R723	C3	R834	E3	R1018	E2	R1184	*B3	R1268	B3
D1906	*B2	FB63	*A3	FB1108	E2	IC306	D1	IC1102	*E1	IC1809	*B2	Q1210	*B3	Q2001	*B1	R126	*D3	R350	D1	R536	*E3	R630	E1	R724	D3	R835	*E2	R1019	*D2	R1185	*B3	R1269	C3
D2001	*B2	FB64	*A3	FB1109	E2	IC307	*D2	IC1103	*E1	IC1810	B2	Q1211	*B3	Q2002	*B1	R127	C3	R351	D1	R537	*D3	R631	E1	R725	D3	R836	*E2	R1020	*D2	R1186	*B3	R1271	B3
D2002	*B1	FB65	*A3	FB1110	D2	IC308	*D1	IC1104	*E1	IC1811	*B2	Q1212	B3	Q2003	*B1	R128	*C3	R352	D1	R538	*E3	R632	E2	R726	D3	R837	*E2	R1021	*D2	R1187	*B3	R1272	B3
D2003	B1	FB66	*A3	FB1111	D2	IC309	*D1	IC1105	D2	IC1901	*B2	Q1213	B3	Q2004	*B1	R129	*C3	R353	D1	R539	*E3	R633	E2	R727	C3	R838	*E2	R1022	*D2	R1188	*B3	R1274	C3
D2004	B1	FB67	*A3	FB1112	D2	IC310	A3	IC1106	D2	IC1902	*B2	Q1214	B3	Q2005	*B1	R130	*C3	R370	*A2	R540	*E3	R634	E3	R728	D3	R839	*E2	R1023	*D2	R1189	B3	R1275	*C3
D2005	B1	FB68	*A3	FB1200	*C3	IC311	D1	IC1107	D2	IC1906	B2	Q1215	B3	Q2006	*B1	R131	*C3	R371	*A2	R541	*D3	R635	B3	R729	C3	R840	*E2	R1024	*D2	R1190	*B3	R1276	*C3
D2006	B1	FB69	*A3	FB1201	*B3	IC401	C1	IC1108	*D2	IC1907	*B2	Q1216	B3	Q2007	*B1	R132	*C3	R401	*C1	R542	*D3	R636	E3	R730	C3	R841	E3	R1025	*D2	R1191	*B3	R1277	*C3
D2007	*B1	FB70	*A3	FB1202	*B3	IC402	D1	IC1109	*E2	IC1909	B2	Q1217	B3	Q2008	*B1	R133	*C3	R402	C1	R543	D3	R637	B3	R731	C3	R842	*E2	R1026	*D2	R1192	*B3	R1278	*B3
D2008	*B1	FB71	*A3	FB1203	*B3	IC404	D1	IC1110	*E2	IC1911	*B2	Q1218	B3	Q2009	*B1	R134	*E1	R403	C1	R544	D3	R638	*E3	R732	D3	R843	E3	R1027	*D2	R1193	*B3	R1279	C3
D2009	B1	FB72	*A3	FB1204	*B3	IC405	D1	IC1113	*D2	IC1912	B2	Q1219	B3	Q2010	*B1	R135	*E1	R412	C1	R545	*D3	R639	*E3	R733	D3	R844	E3	R1028	*D2	R1194	*B3	R1280	B3
D2010	B1	FB73	*A3	FB1205	*B3	IC406	*D1	IC1114	E2	IC2001	*B1	Q1220	B3	Q2011	B1	R136	*E1	R413	D1	R547	*D3	R640	*E3	R734	D3	R845	E3	R1029	*D2	R1195	*B3	R1281	B3
D2011	B1	FB74	*A3	FB1206	*B3	IC409	*D1	IC1115	*E1	IC2002	*C1	Q1221	B3	Q2012	B1	R137	*E1	R414	C1	R548	*D3	R641	*E3	R735	D3	R846	E3	R1030	E2	R1196	*B3	R1283	C3
D2012	B1	FB75	*A3	FB1207	*B3	IC410	*D1	IC1116	*E1	IC2003	C1	Q1222	B3	Q2013	*B2	R138	*E1	R415	D1	R549	*D3	R642	*E3	R736	*D3	R847	*E3	R1031	*E2	R1197	*B3	R1284	B3
		FB76	B3	FB1208	*B3	IC501	*D3	IC1201	*B3	IC2005	*C1	Q1223	B3	Q2014	B1	R139	E1	R416	C1	R552	*D3	R643	*E3	R737	*D3	R848	*E3	R1032	*D2	R1198	*B3	R1285	B3
E1	E3	FB77	B3	FB1209	*B3	IC502	*D3	IC1202	*B3	IC2006	*C1	Q1224	B3	Q2015	*B1	R140	*E1	R417	C1	R553	*D3	R644	*E3	R738	*C3	R849	*E3	R1035	*D2	R1199	*B3	R1287	B3
E2	C3	FB78	*B3	FB1210	*B3	IC503	*E3	IC1203	*B3	IC2007	*B1	Q1301	*C3	Q2016	*B1	R141	E1	R418	D1	R554	*D3	R645	*E2	R739	*C3	R850	*E3	R1036	*D2	R1200	*B3	R1288	B3
E3	A2	FB79	*B3	FB1211	*B3	IC504	*A1	IC1204	*B3	IC2008	*C1	Q1302	*C3	Q2017	B1	R142	E1	R419	C1	R555	*D3	R646	*E2	R740	D3	R851	*E3	R1037	*D2	R1201	*B3	R1289	B3
E4	*B1	FB80	*B3	FB1212	*B3	IC506	*D3	IC1205	B3	IC2009	C1	Q1303	C3	Q2018	B1	R143	E1	R420	D1	R556	*D3	R647	*E2	R741	D3	R852	*E3	R1038	*D2	R1202	*B3	R1290	B3
E5	*C3	FB81	*B3	FB1213	*B3	IC507	*E3	IC1206	*B3	IC2010	B1	Q1304	C3	Q2019	C1	R144	*C3	R421	C1	R557	*D3	R648	*E2	R742	*D3	R853	*E3	R1039	*E2	R1203	*B3	R1291	B3
E6	*E3	FB82	*A1	FB1214	B3	IC508	*D3	IC1207	B3			Q1405	A3	Q2020	*C1	R145	*C3	R422	C1	R558	*D3	R649	*E2	R743	*C3	R854	*E3	R1040	*E2	R1204	B3	R1293	B3
		FB83	A2	FB1215	*B3	IC510	*D3	IC1208	*C3	JC101	E1	Q1406	B1	Q2021	*C1	R146	E1	R423	C1	R559	*D3	R650	*E2	R744	D3	R855	*E3	R1041	D2	R1205	B3	R1294	B3
FB1	E3	FB84	A2	FB1216	B3	IC511	*D3	IC1209	*B3	JC102	*D2	Q1407	B1	Q2022	*C1	R147	E1	R424	C1	R560	*D3	R651	*E2	R745	D3	R856	*E3	R1042	D2	R1206	*B3	R1295	B3
FB2	*E1	FB85	*A2	FB1217	*C3	IC514	*D3	IC1211	C3	JC1802	*B2	Q1408	B1	Q2023	*C1	R148	E1	R425	C1	R561	*D3	R652	*B1	R746	D3	R857	*E3	R1043	D2	R1207	B3	R1296	B3
FB3	*E1	FB86	*A2	FB1218	*B3	IC517	*D3	IC1212	B3			Q1409	B1	Q2024	*C1	R149	*C3	R426	C1	R562	*D3	R653	*B1	R747	A3	R858	*E3	R1103	*E1	R1208	*B3	R1297	B3
FB4	*E2	FB87	*A2	FB1219	*B3	IC518	*E3	IC1301	*C3	L1	B3	Q1501	*C2	Q2025	B1	R150	E1	R427	C1	R563	*D3	R654	*B1	R748	A3	R859	*E3	R1104	*E1	R1209	*B3	R1298	B3
FB5	*E2	FB88	*A2	FB1220	*C3	IC601	B3	IC1302	*C3	L101	*C3	Q1502	*C2	Q2026	*B1	R151	*C3	R428	C1	R566	*D3	R655	*B1	R749	A2	R860	*E3	R1105	*E1	R1210	B3	R1299	*C3
FB6	*E2	FB89	B1	FB1221	*C3	IC602	E3	IC1303	B3	L102	E1	Q1503	*C2	Q2027	*B1	R152	*C3	R429	C1	R567	*D3	R656	*B1	R750	A3	R861	*E3	R1106	*E1	R1211	*B3	R1301	C3
FB7	*E2	FB90	B1	FB1222	*B3	IC603	E3	IC1304	C3	L103	C2	Q1504	*C2	Q2028	*B1	R153	*D2	R430	C1	R571	*D3	R657	*B1	R751	A3	R862	*E3	R1107	*E1	R1212	*B3	R1302	C3
FB8	*E2	FB91	B1	FB1223	*B3	IC604	*A2	IC1305	C3	L104	C2	Q1505	*C2	Q2029	*B1	R154	*C3	R431	C1	R572	*D3	R658	B1	R752	A2	R863	*E3	R1108	C1	R1213	*B3	R1303	*C3
FB9	*E2	FB92	B1	FB1225	C3	IC605	*A2	IC1306	*C3	L105	D2	Q1506	*C2	Q2030	*B1	R155	*D2	R432	*D1	R573	*D3	R659	*E2	R753	A2	R864	*E3	R1109	C1	R1214	B3	R1304	C3
FB10	*E3	FB93	B1	FB1226	C3	IC606	E2	IC1307	C3	L401	*C1	Q1601	C2	Q2031	*B1	R156	*D2	R433	*D1	R574	*D3	R660	*E2	R754	A3	R865	E2	R1110	B1	R1215	*B3	R1305	C3
FB11	*E3	FB94	B1	FB1228	*B3	IC607	E3	IC1308	*B3	L1201	C3	Q1602	C2	Q2032	*B1	R157	*D2	R434	*D1	R575	*D3	R661	*A1	R755	A3	R866	E2	R1111	B1	R1216	*B3	R1306	*C3
FB12	*B3	FB95	*E3	FB1229	B3	IC608	*E2	IC1309	*C3	L1203	B3	Q1603	C2	Q2033	*B1	R158	*D2	R435	*D1	R576	*E3	R662	*A1	R756	*E3	R867	E2	R1112	B1	R1217	*B3	R1307	*C3
FB13	*B3	FB96	*E3	FB1230	*B3	IC609	*E2	IC1310	C3	L1204	*C3	Q1604	C2	Q2034	*B1	R159	*D2	R437	*C1	R577	*A1	R663	*A1	R757	B1	R868	E2	R1113	*E1	R1218	*B3	R1308	*C3
FB14	*B3	FB97	*E3	FB1233	B3	IC610	*B1	IC1311	*B3	L1301	C3	Q1605	*C2	Q2035	*B1	R160	*D2	R438	*D1	R578	*E3	R664	*A1	R758	B1	R869	E2	R1114	*E1	R1219	B3	R1309	C3
FB15	*B3	FB98	*E3	FB1234	*C3	IC611	B1	IC1313	C3	L1302	C3	Q1606	*C2	Q2036	B1	R161	*D2	R439	*D1	R579	*A1	R665	*A1	R759	C3	R870	A1	R1115	*E1	R1220	*B3	R1310	*C3
FB16	*B3	FB99	*A1	FB1301	*C3	IC612	*B1	IC1314	B3			Q1607	*C2	Q2037	B1	R162	*D2	R440	*D1	R580	*E3	R666	*A1	R760	C3	R871	E3	R1116	*D2	R1221	*B3	R1311	*B3
FB17	*B3	FB100	*A1	FB1302	C3	IC613	B1	IC1401	*D2	PH701	A3	Q1608	*C2	Q2038	*B1	R163	C2	R441	*D1	R581	*E3	R667	*A1	R761	A3	R872	A1	R1117	*D2	R1222	*B3	R1312	C3
FB18	*B3	FB101	*D3	FB1303	*C3	IC614	A1	IC1402	A3			Q1609	*C2	Q2039	B1	R164	C2	R443	*D1	R582	*A1	R668	*A1	R762	A3	R873	E3	R1119	D2	R1223	*B3	R1313	*C3
FB19	*B3	FB102	*E3	FB1304	*C3	IC615	*B1	IC1403	A3	Q1	B3	Q1610	*C2	Q2040	*B1	R165	D2	R444	*D1	R583	*A1	R669	*A1	R763	B3	R874	A1	R1120	D2	R1224	*B3	R1314	*C3
FB20	*E1	FB103	*E3	FB1305	*C3	IC616	*E2	IC1407	A3	Q101	*D3	Q1611	*C2	Q2041	*B1	R166	*D3	R445	*D1	R584	*E3	R670	*A1	R764	B3	R875	A1	R1121	D2	R1225	*B3	R1315	*C3
FB21	*E1	FB104	*C3	FB1306	*B3	IC617	*E2	IC1408	B2	Q102	*E3	Q1612	*C2	Q2042	B1	R167	*D3	R446	*D1	R585	*E3	R671	A1	R765	B3	R876	A1	R1122	D2	R1226	*B3	R1316	C3
FB22	*E3	FB105	*C3	FB1307	C3	IC618	B3	IC1409	B2	Q103	*E3	Q1613	*C2	Q2043	*B1	R168	*D2	R447	*D1	R586	*E3	R672	A1	R766	B3	R877	A1	R1123	D2	R1227	*B3	R1317	C3
FB23	E3	FB106	C3	FB1308	*C3	IC619	B3	IC1410	E2	Q104	*C3	Q1614	*C2	Q2044	C1	R301	*E1	R448	*D1	R587	*E3	R673	*B1	R767	B3	R901	*E2	R1124	D2	R1228	*B3	R1318	*C3
FB24	*E3	FB107	D3	FB1309	*C3	IC620	A3	IC1411	*D3	Q105	C3	Q1801	*A2	Q2045	*C1	R302	*E1	R449	*D1	R588	*E3	R674	*B1	R768	B3	R902	*E2	R1125	D2	R1229	*B3	R1319	*C3
FB25	E3	FB108	*D3	FB1310	C3	IC621	A3	IC1412	*D3	Q106	D3	Q1802	A2	Q2046	*C1	R303	D1	R450	*D1	R589	*E3	R675	B1	R769	B3	R903	*E2	R1126	D2	R1230	*B3	R1320	B3
FB26	*E3	FB109	*C3	FB1401	*D2	IC622	E1	IC1413	*D3	Q107	D3	Q1803	A2	Q2047	*C1	R304	D1	R451	*D1	R590	*B1	R676	B1	R770	*D3	R904	*E2	R1129	*D2	R1231	*B3	R1321	*C3
FB27	E3	FB110	*C3	FB1402	A3	IC623	E1	IC1414	*D3	Q108	C3	Q1804	*A2	Q2048	*C1	R305	D1	R452	*D1	R591	*B1	R677	B1	R771	B1	R905	*E2	R1130	*D2	R1232	*B3	R1322	B3
FB28	*E3	FB111	E1	FB1501	C2	IC624	*E2	IC1415	*D3	Q109	C3	Q1805	*A2	Q2049	*C1	R306	D1	R501	E3	R595	E3	R678	*A2	R772	B1	R906	*E2	R1131	*D2	R1233	*B3	R1323	B3
FB29	*E2	FB112	E1	FB1502	C2	IC701	D3	IC1416	*D3	Q110	*D3	Q1806	*B2			R307	D1	R502	E3	R596	*D1	R679	E1	R801	E3	R907	*E2	R1132	D2	R1234	B3	R1324	C3
FB30	*E3	FB151	E3	FB1601	C2	IC702	D3	IC1419	*D3	Q111	*E1	Q1807	B2	R1	B3	R308	D1	R503	D3	R597	*D3	R680	A3	R802	E3	R908	*E2	R1133	*E1	R1235	B3	R1325	*C3
FB31	*E2	FB301	*D1	FB1803	*B2	IC703	*D3	IC1501	*C2	Q112	D2	Q1808	*B2	R2	B3	R313	*E1	R504	E3	R598	*D3	R681	A3	R803	E3	R909	*E2	R1151	*B3	R1236	B3	R1326	B3
FB32	*E3	FB303	*D1	FB1901	*B2	IC704	D3	IC1502	*C2	Q113	*D2	Q1809	B2	R3	B3	R314	*D2	R505	*E3	R599	*E3	R682	A3	R804	*E2	R910	*E2	R1152	B3	R1237	B3	R1327	*C3
FB33	*E2	FB304	*D1	FB2001	B1	IC705	C3	IC1503	*C1	Q301	*E1	Q1810	B2	R4	*C3	R315	*D2	R506	D3	R600	*E3	R683	A3	R805	*E2	R911	*D2	R1153	B3	R1238	B3	R1328	*C3

Continued

R1329	*C3	R1455	E3	R1572	*C2	R1713	*C2	R1876	*B2	R1987	*B2	R2111	*B1	R2194	*B1	RB404	D1	TP1301	*B3	C91	B3	IC15	B2	R43	C2	R180	A2	R278	*C2	C1	*B2
R1330	B3	R1456	E3	R1573	*C2	R1718	C2	R1878	B2	R1989	B2	R2112	*B1	R2195	*B1	RB405	C1			C92	*C3	IC16	B1	R44	C2	R181	A1	R279	*C2	C2	*B2
R1331	C3	R1457	E3	R1574	*C2	R1719	*C2	R1879	*B2	R1991	*A2	R2113	*B1	R2196	*B1	RB406	C1	X401	C1	C93	*C3	IC17	*C3	R45	C2	R182	B1	R280	*C2	C3	B2
R1332	C3	R1458	E3	R1575	*C2	R1720	*C2	R1880	*B2	R1992	*A2	R2114	*B1	R2197	*B1	RB407	C1	X1001	E2	C200	A2	IC19	*B3	R46	B2	R183	B1	R281	B2	C5	*B2
R1333	C3	R1459	*D3	R1576	*C2	R1721	*C2	R1882	B2	R1997	*B2	R2115	*B1	R2198	*B1	RB408	C1			C201	A2	IC20	*B3	R47	B2	R184	B1	R282	B2	C6	*B2
R1334	C3	R1460	*D3	R1577	*C2	R1722	*C2	R1883	*B2	R1998	B2	R2116	*B1	R2199	*B1	RB409	C1			C202	A2	IC21	B3	R80	B2	R185	B2	R283	B2	C7	B2
R1335	B3	R1461	*D3	R1578	*C2	R1723	*C2	R1884	*B2	R1999	*B2	R2117	*B1	R2200	*B1	RB410	C1			C203	*A2	IC22	B3	R81	B2	R186	B2	R292	C2	C8	B2
R1336	C3	R1462	*D3	R1579	*C2	R1724	*C2	R1885	*B2	R2000	B2	R2118	*B1	R2201	*B1	RB411	C1			C204	A2	IC23	*C3	R82	B2	R187	B2	R293	C2	C9	*B2
R1337	C3	R1463	*D3	R1580	*C2	R1725	*C2	R1886	*B2	R2002	B2	R2119	*B1	R2202	*B1	RB412	*C1			C205	A2	IC201	A2	R83	B2	R188	B2	R294	C2	C10	*B2
R1338	B3	R1464	*D3	R1581	*C2	R1726	*C2	R1887	*B2	R2004	B2	R2120	*B2	R2203	*B1	RB413	*D1			C206	A1	IC202	*A2	R84	B2	R189	B2	R295	*C1	C11	*B2
R1339	C3	R1465	*D3	R1582	*C2	R1727	*C2	R1888	*B2	R2005	B2	R2121	*B1	R2204	*B1	RB414	*D1			C207	A1	IC203	A1	R85	B2	R190	B2	R296	*C1	C12	B2
R1340	C3	R1466	*D3	R1583	*C2	R1728	*C2	R1889	*B2	R2007	B2	R2122	*B1	R2205	*B1	RB415	*D1			C208	*A1	IC204	A1	R86	A2	R191	B2	R297	*C1	C13	A2
R1341	C3	R1467	B1	R1584	*C2	R1801	A2	R1890	*B2	R2008	B2	R2123	*B1	R2206	*B1	RB601	*B1			C209	A1	IC205	*A1	R91	B2	R192	B2	R298	*C1	C14	B2
R1342	C3	R1468	B1	R1585	*C2	R1802	A2	R1891	*B2	R2009	*C2	R2124	*B2	R2207	B1	RB701	*D3			C210	A1	IC206	*B1	R92	B2	R193	B2	R299	*C2	C15	*B2
R1343	C3	R1469	B1	R1586	*C2	R1803	A2	R1892	*B2	R2012	*C2	R2125	*B1	R2208	B1	RB702	*D3			C211	A1	IC212	*C1	R93	B2	R194	*C3	R300	*C2	C16	*B2
R1344	C3	R1470	B1	R1587	C1	R1804	A2	R1893	*B2	R2013	B2	R2126	*B1	R2209	B1	RB703	*D3			C212	*A1	IC213	*C2	R94	B2	R195	*D3	R301	B1	C17	A2
R1345	C3	R1501	*C2	R1588	C1	R1805	A2	R1894	*B2	R2014	*B2	R2127	B1	R2210	B1	RB704	D3			C213	*A1	IC214	A3	R95	B2	R196	*D3	R302	C2	C18	B2
R1346	*C3	R1502	*C2	R1589	*C1	R1806	A2	R1895	*B2	R2016	*C2	R2128	B1	R2211	B1	RB705	D3			C214	*A1	IC215	*C2	R96	B2	R197	*D3	R303	C2	C19	A2
R1347	*C3	R1503	C1	R1590	*C1	R1807	*B2	R1896	*B2	R2017	B2	R2129	B1	R2212	B1	RB706	*D3			C215	*B1	IC216	C2	R97	A2	R198	*C3	R304	A2	C20	*B2
R1348	*B3	R1504	C1	R1591	*C2	R1808	A2	R1897	*B2	R2018	*B2	R2130	B1	R2213	B1	RB707	*D3			C216	*B1			R98	A2	R200	*A2	R305	A2	C21	*A2
R1349	*B3	R1505	C1	R1592	*C2	R1809	*A2	R1898	*B2	R2019	*B2	R2131	B1	R2214	*B1	RB708	D3			C217	*B1	L1	C3	R99	B2	R201	*A2	R306	A1	C22	*B2
R1350	C3	R1506	C1	R1651	C2	R1810	*B2	R1899	*B2	R2020	*B2	R2132	B1	R2215	*B1	RB709	D3			C218	*B1	L2	D3	R100	B2	R202	A2	R307	*A2	C23	A2
R1352	*C3	R1507	C1	R1652	C2	R1811	A2	R1900	B2	R2021	*B2	R2133	B1	R2216	*B1	RB710	*D3			C219	A2	L4	C2	R101	A2	R203	A2	R308	*A1	C24	*A3
R1353	*C3	R1508	C1	R1653	C2	R1812	*B2	R1901	*B2	R2022	*B2	R2134	*B1	R2217	B1	RB711	*D3			C221	*C1	L5	C3	R102	A2	R204	A2	R309	*A2	C25	*A3
R1354	*C3	R1509	C1	R1654	C2	R1813	*B2	R1902	B2	R2023	*B2	R2135	*B1	R2218	*B1	RB712	D3			C222	*C2	L6	C3	R103	B2	R205	A2			C26	*B2
R1355	*C3	R1511	C1	R1655	C2	R1814	A2	R1903	*B2	R2024	*B2	R2136	*B1	R2219	*B1	RB713	D3			C223	*C2	L7	C2	R104	B2	R206	A2	RB1	B1	C27	*A2
R1356	*C3	R1513	*C1	R1656	C2	R1815	A2	R1904	B2	R2025	*B2	R2137	B1	R2220	*B1	RB714	D3			C224	*C1	L203	B3	R105	B1	R207	A2	RB4	B1	C31	A3
R1358	B3	R1514	*C1	R1657	C2	R1816	*B2	R1905	*B2	R2026	*B2	R2138	*B1	R2221	*B1	RB715	D3			C225	*C1			R106	B1	R208	A2			C32	B3
R1359	B3	R1515	*C1	R1658	C2	R1817	*B2	R1907	B2	R2027	B2	R2139	*B1	R2222	*B1	RB716	*D3			C227	*C1	Q1	D3	R107	B1	R209	A2			C33	B2
R1360	*C3	R1516	*C1	R1659	*C2	R1818	*B2	R1908	*B2	R2028	*C2	R2140	*B2	R2223	*B1	RB717	*D3			C228	*C2	Q2	D2	R108	B1	R210	*A2			C34	B2
R1361	*C3	R1517	*C1	R1660	*C2	R1819	B2	R1909	B2	R2029	*B2	R2141	*B1	R2224	*B1	RB718	*D3			C229	*C1	Q3	D3	R109	B2	R211	A2			C35	B2
R1365	B3	R1518	*C1	R1661	*C2	R1820	B2	R1910	B2	R2030	*B2	R2142	*B1	R2225	*B1	RB719	*D3			C231	*C1	Q200	A2	R111	B2	R212	A2			C36	B2
R1366	C3	R1519	*C1	R1662	*C2	R1821	B2	R1911	B2	R2031	B2	R2143	*B1	R2226	*B1	RB720	*D3			C232	*C2	Q201	A2	R112	A2	R213	A2			C37	B2
R1367	B3	R1520	*C1	R1663	*C2	R1822	*B2	R1912	B2	R2032	C2	R2144	*B1	R2227	*C1	RB721	*D3			C234	*C2	Q202	A2	R113	A2	R214	A2			C38	B2
R1368	B3	R1521	*C1	R1664	*C2	R1823	B2	R1913	B2	R2033	B2	R2145	B1	R2228	*C1	RB722	*D3			C235	C2	Q203	A2	R114	*B2	R215	*A2			C39	A3
R1401	*D2	R1522	*C1	R1665	*C2	R1824	B2	R1914	*B2	R2034	B2	R2146	*B1	R2229	*B1	RB723	*D3			C236	C2	Q204	*A2	R115	B2	R216	*A2			C40	*B1
R1402	*D2	R1523	*C1	R1666	*C2	R1825	*B2	R1915	B2	R2035	*C2	R2147	*C1	R2230	*B1	RB724	D3			C237	*C1	Q205	*A2	R120	*C3	R217	*A2			C41	B1
R1403	*D2	R1524	*C1	R1667	*C2	R1826	B2	R1916	B2	R2036	B2	R2148	*C1	R2231	*B1	RB801	*A1			C238	*C1	Q206	*A2	R121	*C3	R218	*A2			C42	*B1
R1404	*D2	R1525	*C1	R1668	C2	R1827	C2	R1917	*B2	R2037	*B2	R2149	*B1	R2232	C1	RB802	*A1			C239	*C2	Q207	*A2	R122	A2	R219	*A2			C43	*A2
R1405	*D2	R1526	*C1	R1669	C2	R1828	B2	R1918	*B2	R2038	*B2	R2150	*B1	R2233	C1	RB901	*E2			C240	*A1	Q208	A2	R123	*B2	R220	*A2			C44	*B3
R1406	*D2	R1528	*C2	R1670	*C2	R1829	B2	R1919	*B2	R2039	B2	R2151	*B1	R2234	*C1	RB902	*E2					Q209	A2	R124	A2	R221	A2			C45	*B3
R1407	*D2	R1529	*C2	R1671	C2	R1830	B2	R1920	*B2	R2040	B2	R2152	C1	R2235	*C1	RB903	*E2					Q210	A2	R127	B2	R222	A2			C46	*B2
R1408	*D2	R1530	*C2	R1672	C2	R1831	B2	R1921	*B2	R2041	*B2	R2153	C1	R2236	*C1	RB904	*E2					Q211	A1	R129	B2	R223	A2			C47	*B2
R1411	A3	R1531	*C2	R1673	C2	R1832	B2	R1922	*B2	R2042	*B2	R2154	*C1	R2237	*C1	RB905	*E2					Q212	A2	R130	B2	R224	A2			C48	*B2
R1412	A3	R1532	C2	R1674	C2	R1833	C2	R1923	*B2	R2043	*B2	R2155	*C1	R2238	B1	RB906	*E2					Q213	*A2	R132	*C3	R225	A1			C49	B1
R1413	A3	R1533	C2	R1675	C2	R1834	B2	R1924	*B2	R2044	*B2	R2156	*C1	R2239	*B1	RB907	*D2							R133	C2	R226	A2			C50	B1
R1414	A3	R1534	*C2	R1676	C2	R1835	B2	R1925	*B2	R2045	*B2	R2157	*C1	R2240	*B1	RB908	*D2					R5	D2	R134	C2	R227	A1			C51	*B1
R1415	A3	R1535	C2	R1677	C2	R1836	B2	R1951	A2	R2046	B2	R2158	B1	R2241	*C1	RB909	*D2					R6	D2	R141	*B1	R228	A1			C52	B1
R1416	A3	R1536	C2	R1678	C2	R1837	B2	R1952	A2	R2047	*B2	R2159	*B1	R2242	*C1	RB910	*D2					R7	D2	R142	*B1	R229	A2			C53	B1
R1417	A3	R1537	C2	R1679	C2	R1838	B2	R1953	A2	R2048	B2	R2160	*B1	R2243	B1	RB911	E2					R8	D2	R145	*B1	R230	A2			C54	*B3
R1418	A3	R1538	C2	R1680	C2	R1839	B2	R1954	A2	R2049	B2	R2161	*C1	R2244	*B1	RB1101	E2					R9	D2	R146	*B1	R231	A1			C55	*B3
R1419	A3	R1539	C2	R1681	C2	R1840	*B2	R1955	A2	R2050	B2	R2162	*C1	R2245	*B1	RB1102	E1					R10	C2	R147	D1	R232	A2			C56	*A2
R1420	A3	R1540	C2	R1682	C2	R1841	B2	R1956	A2	R2051	*B2	R2163	B1	R2246	*C1	RB1103	C1					R11	C2	R149	D1	R233	A2			C57	*A3
R1421	A3	R1541	C2	R1683	C2	R1842	*B2	R1957	A2	R2052	*B2	R2164	*B1	R2247	*C1	RB1104	*E2					R12	D2	R150	C1	R234	A1			C58	*B1
R1422	A3	R1542	C2	R1684	C2	R1843	*B2	R1958	*A2	R2053	*B2	R2165	*B1	R2248	*C1	RB1105	*D1					R13	B2	R151	C1	R235	A1			C59	*B2
R1423	A3	R1543	C2	R1685	C2	R1844	*B2	R1959	A2	R2054	*B2	R2166	*C1	R2249	*B1	RB1201	*C3					R14	*B1	R152	*D3	R236	*A1			C60	*B1
R1424	A3	R1544	C2	R1686	C2	R1845	B2	R1960	A2	R2055	*B2	R2167	*C1	R2250	C1	RB1401	E2					R15	*B1	R153	*D3	R237	*A1			C61	*B3
R1425	A3	R1545	C2	R1687	C2	R1846	B2	R1961	A2	R2056	*B2	R2168	*C1	R2251	C1	RB1501	C1					R16	C2	R154	*B3	R238	*A1			C62	B1
R1426	A3	R1546	C2	R1688	C2	R1847	B2	R1962	*B2	R2057	*B2	R2169	*B1	R2252	*C1	RB1502	*C2					R17	C2	R155	*C3	R239	*A1			C63	*B3
R1427	A3	R1547	C2	R1689	C2	R1848	B2	R1963	*B2	R2058	*B2	R2170	C1	R2253	*C1	RB1503	C2					R18	C2	R156	*C3	R240	*A1			C64	B1
R1428	A3	R1548	C2	R1690	C2	R1849	B2	R1964	B2	R2059	*B2	R2171	C1	R2254	C1	RB1601	C2					R19	B2	R157	*C3	R242	*A1			C65	*B1
R1429	A3	R1549	C2	R1691	C2	R1850	*B2	R1965	B2	R2060	*B2	R2172	*C1	R2255	C1	RB1602	*C2					R20	A2	R158	*C3	R243	A1			C66	B1
R1430	A3	R1550	C2	R1692	*C2	R1851	*B2	R1966	B2	R2063	B2	R2173	*C1	R2256	*C1	RB1603	*C2					R21	A2	R159	*C3	R244	*A1			C67	B1
R1431	A3	R1551	C2	R1693	*C2	R1852	B2	R1967	*B2	R2064	*B2	R2174	C1	R2257	*C1							R22	D2	R160	*C3	R245	A1			C68	B1
R1432	A3	R1552	C2	R1694	C2	R1853	*B2	R1968	*B2	R2065	B2	R2175	C1	R2258	*C1	RV1901	*B2					R23	D2	R161	*B3	R246	*A1			C69	B2
R1433	A3	R1553	*C2	R1695	C2	R1854	*A2	R1969	B2	R2066	B2	R2176	*C1	R2259	*C1							R24	D2	R162	B3	R247	*B1			C70	*B1
R1434	A1	R1554	C2	R1696	*C2	R1855	*A2	R1970	B2	R2067	B2	R2177	*C1			S3	*B2					R25	D2	R163	B3	R248	*B1			C72	B1
R1435	A1	R1555	C2	R1697	*C2	R1856	*B2	R1971	B2	R2068	B2	R2178	*C1	RB301	D1	S301	*E1					R26	C2	R164	*B3	R249	*B1			C73	*B2
R1436	B1	R1556	*C2	R1698	*C2	R1857	*B2	R1972	B2	R2069	*B2	R2179	*C1	RB302	D1	S302	*D1					R27	C2	R165	*B3	R250	*B1			C74	*B2
R1437	B1	R1557	*C2	R1699	*C2	R1858	B2	R1973	B2	R2070	B2	R2180	B1	RB303	D1	S601	*A2					R28	C2	R166	B3	R251	*B1			C75	*B3
R1438	B1	R1558	*C2	R1700	*C2	R1859	B2	R1974	B2	R2071	A2	R2181	*B1	RB304	D1	S901	*E2					R29	*C3	R167	B3	R253	*B1			C76	*B2
R1439	B3	R1559	*C2	R1701	*C2	R1860	*B2	R1975	B2	R2072	*C2	R2182	*B1	RB305	*D1							R30	C2	R168	*B3	R255	B1			C77	B3
R1440	B1	R1560	*C2	R1702	*C2	R1861	*B2	R1976	B2	R2073	C2	R2183	*B1	RB306	*D1	THP1	B3					R31	C2	R169	*B3	R264	A2			C78	*B3
R1441	B2	R1561	*C2	R1703	*C2	R1863	B2	R1977	*B2	R2101	*B1	R2184	*B1	RB312	*D1	THP101	C3					R32	*C3	R170	*C3	R265	A2			C79	*B3
R1442	E2	R1562	*C2	R1704	*C2	R1865	*B2	R1978	B2	R2102	*B1	R2185	*B1	RB313	*D1	THP102	*D2					R33	C2	R171	B1	R266	A2			C80	*A2
R1443	E2	R1564	*C2	R1705	*C2	R1866	*B2	R1979	*B2	R2103	*B1	R2186	*B1	RB314	*D1	THP103	*D2					R34	C2	R172	A2	R267	A2			C81	*A3
R1444	E2	R1565	*C2	R1706	*C2	R1867	*B2	R1980	*B2	R2104	*B1	R2187	*B1	RB315	*D1							R35	C2	R173	B1	R271	A1			C82	*B1
R1448	E3	R1566	*C2	R1707	*C2	R1868	*B2	R1981	*B2	R2105	*B1	R2188	*B1	RB316	*D1	TP1	*E3					R36	C2	R174	B1	R272	*C1			C83	B2
R1449	E3	R1567	*C2	R1708	*C2	R1870	*B2	R1982	B2	R2106	*B1	R2189	*B1	RB317	*E1	TP2	*C3					R37	C2	R175	A1	R273	*C1			C84	B3
R1451	E3	R1568	*C2	R1709	*C2	R1871	*B2	R1983	B2	R2107	*B1	R2190	*B1	RB318	*E1	TP3	*A2					R38	C2	R176	A1	R274	*C1			C85	*A3
R1452	E3	R1569	*C2	R1710	*C2	R1872	B2	R1984	B2	R2108	*B1	R2191	*B1	RB401	C1	TP11	D2					R40	C2	R177	A1	R275	*C1			C86	B2
R1453	E3	R1570	*C2	R1711	*C2	R1873	*B2	R1985	B2	R2109	*B1	R2192	*B1	RB402	D1	TP12	E1					R41	C2	R178	A1	R276	*C1				
R1454	E3	R1571	*C2	R1712	*C2	R1875	*B2	R1986	B2	R2110	*B1	R2193	*B1	RB403	D1	TP301	*E1					R42	C2	R179	A1	R277	*C1				

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*: B SIDE

C2	C3	C3	D3	C4	*B3	C5	D2	C6	D2	C8	C2	C9	D2	C10	D2	C11	D2	C12	C2	C13	D2	C14	D2	C15	D2	C16	D2	C17	C2	C18	C2	C19	*C3	C20	*C3
C21	*C3	C22	C1	C23	C3	C24	C3	C25	*C3	C26	C2	C27	C2	C28	C2	C29	C2	C30	C2	C32	C2	C38	B2	C40	B2	C42	B2	C43	B2	C45	*B2	C46	*B2	C47	*B2
C48	*B2	C49	*B2	C50	*B2	C51	*B2	C52	*B2	C53	*B2	C54	*B1	C55	*B2	C56	*B2	C57	*B2	C58	*B2	C59	*B2	C60	*B2	C61	*B2	C62	*B2	C63	*B2	C64	*B2	C65	*B2
C66	*B2	C67	*B2	C68	*B2	C69	*B2	C70	*B2	C71	*B2	C72	*B2	C73	*B2	C74	*B2	C75	*A2	C76	*A2	C77	*B2	C78	*B2	C79	*B2	C80	*B2	C81	*B2	C82	*B2	C83	*B2
C84	*B2	C85	*B2	C86	*A2	C87	B1	C88	*B3	C89	*C3	C90	B3																							

C91	B3	C92	*C3	C93	*C3	C200	A2	C201	A2	C202	A2	C203	*A2	C204	A2	C205	A2	C206	A1	C207	A1	C208	*A1	C209	A1	C210	A1	C211	A1	C212	*A1	C213	*A1	C214	*A1
C215	*B1	C216	*B1	C217	*B1	C218	*B1	C219	A2	C221	*C1	C222	*C2	C223	*C2	C224	*C1	C225	*C1	C227	*C1	C228	*C2	C229	*C1	C231	*C1	C232	*C2	C234	*C2	C235	C2	C236	C2
C237	*C1	C238	*C1	C239	*C2	C240	*A1					CL1	B1	CL2	B1	CL3	A1	CL4	B1	CL5	B1	CL6	A2	CL7	B1			CN1	D3	CN2	C3	CN3	*C1				
D1	D2	D200	A2	D201	A2							ET1	D3	ET2	D1	ET3	A3	ET4	A1																		
FB001	C2	FB2	*B2	FB3	*B2	FB4	*B1	FB5	*B2	FB6	*B2	FB7	*B2	FB8	*B2	FB9	*B1	FB10	*A2																		
IC2	*C3	IC3	C2	IC4	D2	IC5	*C3	IC6	C1	IC7	*C3	IC8	C2	IC9	C2	IC11	D2	IC14	B2																		

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*: B SIDE

C1	*B2	C2	*B2	C3	B2	C5	*B2	C6	*B2	C7	B2	C8	B2	C9	*B2	C10	*B2	C11	*B2	C12	B2	C13	A2	C14	B2	C15	*B2	C16	*B2	C17	A2	C18	B2	C19	A2
C20	*B2	C21	*A2	C22	*B2	C23	A2	C24	*A3	C25	*A3	C26	*B2	C27	*A2	C31	A3	C32	B3	C33	B2	C34	B2	C35	B2	C36	B2	C37	B2	C38	B2	C39	A3	C40	*B1
C41	B1	C42	*B1	C43	*A2	C44	*B3	C47	*B3	C48	*A3	C49	B1	C50	B1	C51	B1	C52	B1	C53	B1	C54	*B3	C55	*B3	C56	*A2	C57	*A3	C58	*B1	C59	*B2	C60	*B1
C61	*B3	C62	B1	C63	*B3	C64	B1	C65	*B1	C66	B1	C67	B1	C68	B1	C69	B2	C70	*B1	C72	B1	C73	*B2	C74	*B2	C75	*B3	C76	*B2	C77	B3	C78	*B3	C79	*B3
C80	*A2	C81	*A3	C82	*B1	C83	B2	C84	B3	C85	*A3	C86	B2																							

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C87	*B1	FB401	A1	R16	*B3	R180	*A3	R349	B3	R527	*B3
C95	*B2			R17	*A3	R181	*B1	R350	B3	R528	*B3
C96	B2	IC1	A2	R18	*A3	R182	B2	R351	B3	R529	*B3
C97	*B1	IC2	*B2	R21	A2	R192	A1	R352	B3	R530	*B3
C98	*B3	IC4	A1	R22	A2	R193	A1	R353	A3	R531	*B3
C106	*B3	IC5	A2	R23	A2	R194	A1	R354	B3	R532	*A3
C107	*B3	IC6	*B2	R24	A2	R195	A1	R355	B3	R533	*A3
C108	*B3	IC8	B2	R25	A2	R196	A1	R356	B3	R544	*A2
C109	*A3	IC9	B2	R26	A2	R197	A1	R357	B3	R545	*A2
C110	A3	IC11	*A2	R27	A2	R198	*B3	R358	B3	R548	*A3
C111	*A3	IC12	B3	R33	B2	R199	B1	R359	B3	R549	*A3
C112	*B2	IC13	B1	R34	B2	R204	*B3	R360	B3	R550	*A2
C113	B2	IC14	B1	R35	B2	R205	*B3	R361	B3	R551	*A2
C114	*B1	IC17	*B3	R36	A2	R206	*A2	R362	B3	R552	*A3
C115	*B1	IC18	*B3	R38	B2	R207	*A3	R370	*B3	R553	*A3
C117	*A2	IC19	B3	R39	B2	R208	*B1	R371	*A3	R554	*A2
C118	*B2	IC20	*A3	R40	B2	R209	*B2	R372	*B3	R555	*A3
C119	*B3	IC21	B2	R41	B3	R216	*B1	R373	*B3	R556	*A2
C120	*A3	IC22	*B2	R42	B3	R217	B1	R374	*B3	R557	*A3
C121	*B3	IC23	*B2	R43	B2	R218	B1	R375	B3	R558	*A2
C122	*B1	IC24	*B2	R45	B2	R219	*B3	R376	*B3	R559	*A3
C123	*A2	IC25	B2	R73	B2	R220	B2	R377	B3	R560	*B3
C124	B2	IC26	*B2	R75	B3	R221	B3	R378	*B3	R561	*B3
C125	B3	IC27	B2	R77	*B2	R222	*B3	R379	B3	R562	*B1
C126	A3	IC32	*B3	R78	*B2	R223	B2	R380	*A3	R563	*B1
C127	*B2	IC36	*B3	R79	*B2	R224	B3	R381	*A3	R564	*B2
C128	*B2	IC37	*B3	R81	*B2	R225	*B3	R382	*A3	R565	*B2
C129	*B2	IC38	*A2	R82	B1	R226	B2	R383	*A3	R576	*B1
C130	*B2	IC39	*A3	R83	B1	R227	B3	R384	*A3	R577	*B1
C131	*B2	IC40	*B1	R84	*B1	R273	*A3	R385	A3	R580	*B2
C132	A2	IC41	*B2	R85	*B1	R280	*B2	R386	*A3	R581	*B2
C133	B2	IC42	*B3	R86	*A2	R294	*B3	R388	B3	R582	*B1
C134	*A2	IC43	*B3	R87	*A2	R295	B2	R389	B3	R583	*B1
C135	*A1	IC44	*A2	R88	*A2	R296	B2	R390	B2	R584	*B2
C141	B3	IC45	*A3	R89	B3	R297	B2	R391	B2	R585	*B2
C142	B2	IC46	*B1	R90	B1	R298	B2	R392	A2	R586	*B1
C409	A1	IC47	B2	R98	*B1	R299	B2	R393	*A1	R587	*B2
C410	A1	IC48	B2	R99	*B1	R300	B2	R394	*A1	R588	*B1
C411	*A1	IC49	B2	R100	*B1	R301	B2	R395	A2	R589	*B2
C412	*A1	IC50	B3	R101	*B3	R302	B2	R396	*A1	R590	*B1
C414	A1	IC51	B3	R102	*B3	R303	B2	R397	*A1	R591	*B2
C415	A1	IC52	B3	R103	*A2	R304	B2	R404	*B2	R592	*A2
C416	A1	IC55	A2	R104	*A3	R305	B2	R405	*B2	R593	*A2
C417	A1	IC58	B2	R105	*B1	R306	B2	R407	A2	R594	*A2
C418	*A1	IC59	*A1	R106	*B2	R307	B2	R408	A2	R595	*A2
C419	A1	IC60	*A1	R107	B1	R308	B2	R409	A2	R596	*A3
C500	*B3	IC402	A1	R108	B1	R309	B2	R410	B2	R597	*A3
C501	*B3	IC500	*B3	R115	*B3	R310	B2	R411	B2	R598	*B1
C502	*B3	IC501	*B3	R116	*B3	R311	B2	R412	B2	R599	*B1
C503	*B3	IC502	*A2	R117	*A2	R312	B2	R413	B3	R600	*B2
C504	*B3	IC503	*A3	R118	*A3	R313	B2	R416	A1	R601	*B2
C505	*B3	IC504	*B1	R119	*B1	R314	B3	R417	A1	R609	*B3
C506	*B3	IC505	*B2	R120	*B2	R315	B3	R418	A1	R611	*B3
C507	*B3			R121	B1	R316	B3	R424	B3	R612	*B3
C508	*A2	L1	*A2	R123	*B1	R317	B3	R425	B3	R613	*A2
C509	*A2	L2	*A2	R124	B1	R318	B3	R429	A1	R614	*A3
C510	*A3	L3	*A2	R125	B1	R319	B3	R430	A1	R615	*B1
C511	*A3	L4	*B1	R126	A1	R320	B3	R431	A1	R616	*B2
C512	*A2	L5	B1	R127	A1	R321	B3	R432	A2	R617	B1
C513	*A2	L6	A1	R128	A1	R322	*B3	R433	A2	R618	B1
C514	*A3	L7	*A1	R129	A1	R323	*B3	R434	A2	R619	*B3
C515	*A3	L8	*A2	R130	A1	R324	B3	R435	A2	R620	*B3
C516	*B1			R131	A1	R325	B3	R436	A2	R621	*A2
C517	*B1	Q1	B1	R132	A1	R326	B3	R437	A2	R622	*A3
C518	*B2	Q2	B1	R133	A1	R327	B3	R438	A2	R623	*B1
C519	*B2	Q3	B1	R151	*B2	R328	B3	R439	A2	R624	*B2
C520	*B1	Q4	*B1	R152	*B3	R329	B3	R440	A2	R625	A2
C521	*B1	Q5	A1	R153	*B2	R330	B2	R441	A2		
C522	*B2	Q6	A1	R157	*B3	R331	B2	R500	*B3	TP1	B2
C523	*B2			R158	*B3	R332	B2	R501	*B3		
		R3	*B2	R159	*A2	R333	B2	R502	*B3	X1	B2
CN3	B3	R4	*B2	R160	*A3	R334	B2	R503	*B3	X2	A2
CN4	A3	R5	A2	R161	*B1	R335	B2	R514	*B3		
CN5	B1	R6	A2	R162	B2	R336	B2	R515	*B3		
CN401	*A1	R7	*B2	R166	*B3	R337	B2	R518	*B3		
CN405	A2	R8	*B2	R168	*B3	R338	B2	R519	*B3		
		R9	*B2	R170	*A3	R339	B2	R520	*B3		
ET401	A1	R10	B3	R172	*A3	R340	B2	R521	*B3		
ET402	A3	R11	B2	R174	B1	R341	B2	R522	*B3		
ET403	B1	R12	*B2	R176	*B2	R344	B3	R523	*B3		
ET404	B3	R13	A2	R177	*B3	R346	A3	R524	*B3		
		R14	*A2	R178	*B3	R347	B3	R525	*B3		
FB1	*A2	R15	*B3	R179	*A2	R348	B3	R526	*B3		

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