

SONY®

HD CAMERA CONTROL UNIT

HDCU2000

3G/HD SDI OUTPUT EXPANSION UNIT

HKCU2007

MULTI INTERFACE UNIT

HKCU1003

SD ENCODER UNIT

HKCU1001

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可能性があります。
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 angegebenen Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

AVERTISSEMENT

Ce manuel 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.
HDCU2000 (UC)	10001 and Higher
HDCU2000 (J)	30001 and Higher
HDCU2000 (CE)	40001 and Higher
HDCU2000 (E3)	50001 and Higher
HDCU2000 (E2)	60001 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を以下のポートに接続しないでください。

: LAN 端子

: NETWORK TRUNK 端子

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).

: LAN connector

: NETWORK TRUNK connector

Follow the instructions for the above port(s).

For kundene i Norge

Dette utstyret kan kobles til et IT-strømfordelingssystem.

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 LASERAPPARAT

The HDCU2000 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。

本機をラックに設置するとき

熱の適切な排気・発散を得るために、ラックと本機の間には空間を確保してください。

Attention-when the product is installed in Rack:

1. Prevention against overloading of branch circuit

When this product is installed in a rack and is supplied power from an outlet on the rack, please make sure that the rack does not overload the supply circuit.

2. Providing protective earth

When this product is installed in a rack and is supplied power from an outlet on the rack, please confirm that the outlet is provided with a suitable protective earth connection.

3. Internal air ambient temperature of the rack

When this product is installed in a rack, please make sure that the internal air ambient temperature of the rack is within the specified limit of this product.

4. Prevention against achieving hazardous condition due to uneven mechanical loading

When this product is installed in a rack, please make sure that the rack does not achieve hazardous condition due to uneven mechanical loading.

5. Install the equipment while taking the operating temperature of the equipment into consideration

For the operating temperature of the equipment, refer to the specifications of the Operation Manual.

6. When performing the installation, keep the space away from walls in order to obtain proper exhaust and radiation of heat.

Table of Contents

Manual Structure

Purpose of this manual.....	7
Related manuals.....	7

1. Service Overview

1-1. Checking the ROM and Software Version.....	1-1
1-1-1. ROM.....	1-1
1-1-2. Software.....	1-1
1-2. Power Cord.....	1-2
1-3. Connectors and Cables.....	1-3
1-3-1. Connector Input/Output Signals of HDCU2000.....	1-3
1-3-2. Connector Input/Output Signals of HKCU2007.....	1-7
1-3-3. Connector Input/Output Signals of HKCU1001.....	1-7
1-3-4. Connector Input/Output Signals of HKCU1003.....	1-8
1-3-5. Wiring Diagrams for Cables.....	1-9
1-3-6. Connection Connectors/Cables.....	1-9
1-3-7. Note in Connecting CAMERA Connector.....	1-10
1-4. Location of Printed Circuit Boards.....	1-11
1-5. Outside Dimensions.....	1-12
1-6. Functions of Onboard Parts.....	1-13
1-6-1. Description of Onboard LED Indicators.....	1-13
1-6-2. Functions of Onboard Switches.....	1-16
1-6-3. Functions of Onboard Potentiometers.....	1-19
1-7. Notes on Using the Power Supply Unit.....	1-21
1-7-1. Setting the Power Voltage.....	1-21
1-8. Service Tools/Measuring Equipment List.....	1-22
1-8-1. Service Tools.....	1-22
1-8-2. Measuring Equipment.....	1-22
1-9. Cautions when Replacing the Lithium Battery.....	1-23
1-9-1. Replacing Procedure.....	1-23
1-10. Replacing the Flexible Card Wires.....	1-24
1-11. Option Board Installation Position.....	1-25
1-11-1. When Installing One Option Model.....	1-25
1-11-2. When Installing two Option Models.....	1-26
1-11-3. When Installing three Option Models.....	1-27
1-11-4. When Installing four Option Models.....	1-29
1-12. Installing the Option Board.....	1-30
1-12-1. Front Side (HKCU2007).....	1-30
1-12-2. Rear Side (HKCU2007).....	1-31
1-12-3. Front Side (HKCU1001/1003).....	1-32
1-12-4. Rear Side (HKCU1001/1003).....	1-32
1-13. Writing and Rewriting the PLD Internal Data.....	1-34
1-13-1. e-Production System Has the Advantages Shown Below.....	1-34
1-14. Circuit Protective Devices.....	1-36
1-14-1. Fuse.....	1-36
1-14-2. Thermistor.....	1-36
1-15. Cleaning of Connector/Cable.....	1-39
1-15-1. When the Optical Connector Cleaner (Commercially Available) is Available.....	1-39

1-15-2.	When the Optical Connector Cleaner (Commercially Available) is not Available.....	1-40
1-16.	Circuit Description.....	1-44
1-16-1.	Front Boards.....	1-44
1-16-2.	Rear Boards.....	1-45
1-16-3.	HKCU2007.....	1-46
1-16-4.	HKCU1001.....	1-46
1-16-5.	HKCU1003.....	1-47
1-17.	Mounting the Unit in a 19-Inch Rack.....	1-48
1-17-1.	Mounting the Unit in the Rack.....	1-48
1-18.	Lead-free Solder.....	1-52

2. System Setup

2-1.	System Connection.....	2-1
2-1-1.	Example of Connection.....	2-2
2-1-2.	Standard 3G/HD/SD System.....	2-4
2-1-3.	Standard 3G/HD/SD System with SD Analog Encoder (HKCU1001).....	2-5
2-1-4.	Standard 3G/HD/SD System with 3G Signal Interface and Multi Interface (HKCU2007/1003).....	2-6
2-1-5.	Standard 3G/HD/SD System with Multi Interface (HKCU1003).....	2-7
2-2.	Setting the System Formats.....	2-8
2-2-1.	Setting the Multi-Format.....	2-8
2-2-2.	Setting the Reference Input.....	2-8
2-3.	Audio System.....	2-9
2-3-1.	Setting the Intercom System.....	2-9
2-3-2.	Microphone Setting.....	2-11
2-4.	System Settings.....	2-13
2-4-1.	Tally System Setting.....	2-13
2-4-2.	Camera Number Setting.....	2-13
2-4-3.	Connecting the Control, Intercom, Tally and Audio Signals.....	2-14
2-5.	Video Signal System.....	2-15
2-5-1.	Input/Output Signal Selection.....	2-15
2-5-2.	Signal Phase Adjustment.....	2-15
2-5-3.	Aspect Ratio Setting for Down-Conversion.....	2-16
2-5-4.	VBS Signal Level Adjustment (Only When HKCU1001/1003 is Installed).....	2-18
2-5-5.	Waveform Monitor Signal Level Adjustment (Only When HKCU1001/1003 is Installed).....	2-19
2-5-6.	Stair Case Signal Adjustment Procedure (Only When HKCU1001/1003 is Installed).....	2-20
2-5-7.	Picture Monitor Signal Level Adjustment (Only When HKCU1001/1003 is Installed).....	2-21
2-5-8.	RETURN Input Signal.....	2-22

3. Menu Settings

3-1.	Preparations.....	3-1
3-1-1.	Display/Hide the Status Screen.....	3-1
3-1-2.	Starting/Exiting the Maintenance Mode.....	3-1
3-1-3.	Memory Stick.....	3-2
3-2.	Status Display.....	3-3
3-2-1.	Camera Settings.....	3-3
3-2-2.	Settings of Entire System.....	3-4
3-2-3.	Status of Internal Boards.....	3-4
3-2-4.	Camera System Diagnostics.....	3-4
3-2-5.	Network Diagnostics.....	3-5

3-2-6.	Board Diagnostics.....	3-6
3-2-7.	Status of the Board Inserted in Slot.....	3-7
3-2-8.	SDP Board Diagnostics.....	3-9
3-2-9.	Camera Board Status.....	3-10
3-2-10.	Version Information of ROMs in Each Unit.....	3-10
3-3.	SYSTEM OPERATION Menu.....	3-11
3-4.	CCU CONFIGURATION Menu.....	3-17
3-5.	NETWORK SETTINGS Menu.....	3-28
3-6.	VE OPERATION Menu.....	3-30
3-7.	MAINTENANCE Menu.....	3-40

4. Replacement of Main Parts

4-1.	General Information for Parts Replacement.....	4-1
4-1-1.	Index.....	4-1
4-1-2.	Basic Knowledge.....	4-3
4-2.	Power Supply Unit.....	4-4
4-2-1.	Removing/Installing the Power Block Assembly (A10).....	4-4
4-2-2.	Fuse.....	4-6
4-2-3.	DC Fan.....	4-7
4-2-4.	CN-3275 Board.....	4-8
4-2-5.	RE-276 Board.....	4-9
4-2-6.	PS-780 Board.....	4-10
4-2-7.	PS-781 Board.....	4-12
4-3.	PS Panel Assembly.....	4-13
4-3-1.	CN-3450 Board.....	4-13
4-3-2.	AU-339 Board/LE-378 Board.....	4-13
4-4.	Rear Panel.....	4-15
4-4-1.	Removing/Installing the Rear Panel Assembly.....	4-15
4-4-2.	SDP-17 Board.....	4-16
4-4-3.	CN-2672GA Board.....	4-18
4-4-4.	CN-2673 Board.....	4-19
4-4-5.	CN-2805G Board.....	4-20
4-5.	Plug-in Board.....	4-21
4-5-1.	Installing/Removing Plug-in Boards on the Front Side.....	4-21
4-5-2.	Installing/Removing Plug-in Boards on the Rear Side.....	4-22
4-6.	Main Frame.....	4-23
4-6-1.	SDI-98 Board/CN-2674G Board.....	4-23
4-6-2.	CN-2718 Board.....	4-23
4-6-3.	VIF-52 Board.....	4-24
4-6-4.	ADO-12 Board.....	4-25
4-6-5.	CNB-28A Board.....	4-26
4-6-6.	MB-1180 Board.....	4-27

5. Electrical Alignment

5-1.	Preparations.....	5-1
5-1-1.	Equipment Required.....	5-1
5-1-2.	Notes on Adjustments.....	5-1
5-1-3.	Connection of Equipment.....	5-2
5-1-4.	Initialization Settings.....	5-2

5-2.	Audio System Adjustment.....	5-4
5-2-1.	RTS Intercom Adjustment.....	5-4
5-3.	Video/Reference Signal System Adjustment.....	5-7
5-3-1.	27 MHz VCO Free-Running Adjustment.....	5-7
5-3-2.	Clock (74 MHz) Duty Adjustment.....	5-7
5-3-3.	Prompter 1/2 Level Adjustment.....	5-8
5-3-4.	STAIR CASE Adjustment.....	5-9
5-4.	SD Signal System Adjustment.....	5-11
5-4-1.	VBS Output Level Adjustment.....	5-11
5-4-2.	PIX Output Level Adjustment.....	5-11
5-4-3.	WF Output Level Adjustment.....	5-12
5-4-4.	RGB Output Level Adjustment.....	5-13
5-4-5.	Y/R-Y/B-Y Output Level Adjustment.....	5-15

6. Spare Parts

6-1.	Note on Repair Parts.....	6-1
6-2.	Exploded Views.....	6-2
6-3.	Electrical Parts List.....	6-8
6-4.	Supplied Accessories.....	6-100

7. Block Diagrams

Overall.....	7-1

8. Schematic Diagrams

ADO-12.....	8-1
AT-167A.....	8-2
AU-339.....	8-11
AVP-15.....	8-12
CN-2672GA.....	8-21
CN-2673.....	8-22
CN-2674G.....	8-22
CN-2718.....	8-22
CN-2805G.....	8-23
CN-3275.....	8-24
CN-3450.....	8-25
CNB-28A.....	8-26
DRX-9.....	8-28
DTX-9.....	8-36
EN-159A.....	8-43
EN-159B.....	8-50
HIF-26.....	8-57
HIF-57.....	8-58
LE-378.....	8-59
MB-1180.....	8-60
PS-780.....	8-64
PS-781.....	8-66
RC-105.....	8-67

RE-276.....	8-76
SDI-98.....	8-79
SDP-17.....	8-81
VDA-64A.....	8-91
VDA-64B.....	8-92
VDA-64C.....	8-93
VIF-52.....	8-94
Frame Wiring.....	8-97

9. Board Layouts

ADO-12.....	9-1
AT-167A.....	9-2
AU-339.....	9-4
AVP-15.....	9-5
CN-2672GA.....	9-6
CN-2673.....	9-6
CN-2674G.....	9-7
CN-2718.....	9-7
CN-2805G.....	9-7
CN-3275.....	9-8
CN-3450.....	9-8
CNB-28A.....	9-9
DRX-9.....	9-11
DTX-9.....	9-13
EN-159A, EN-159B.....	9-15
HIF-26.....	9-17
HIF-57.....	9-17
LE-378.....	9-18
MB-1180.....	9-18
PS-780.....	9-20
PS-781.....	9-22
RC-105.....	9-23
RE-276.....	9-25
SDI-98.....	9-27
SDP-17.....	9-28
VDA-64A, VDA-64B, VDA-64C.....	9-29
VIF-52.....	9-30
Board Parts Location.....	9-31

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.

Section 1

Service Overview

1-1. Checking the ROM and Software Version

When connecting the peripheral equipment in the list below to this unit, be sure to check that the ROM and software version on each peripheral device is corresponding to this unit 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.

1-1-1. ROM

Peripheral equipment	Board name	Ref. No.	ROM version
MSU-900/950	CPU-396	IC18, IC31	Ver.1.02 and higher
MSU-1000/1500	MPU-150/151	IC15, 16	Ver.2.00 and higher ^{*1}
RCP-920/921	MPU-143	IC13, 14	Ver.1.11 and higher
RCP-1000/1001	MPU-152	IC15, 16	Ver.2.00 and higher ^{*1}
PCP-1500/1501	MPU-153	IC14, 15	Ver.2.00 and higher ^{*1}
RCP-1530	MPU-153	IC14, 15	Ver.2.00 and higher ^{*1}

1-1-2. Software

Peripheral equipment	Board name	ROM version
HDC-1500R	AT-163	Ver.1.27 and higher
MSU-900/950	CPU-396	Ver.1.02 and higher
MSU-1000/1500	MPU-150/151	Ver.2.00 and higher ^{*1}
RCP-920/921	MPU-143	Ver.1.11 and higher
RCP-1000/1001	MPU-152	Ver.2.00 and higher ^{*1}
PCP-1500/1501	MPU-153	Ver.2.00 and higher ^{*1}
RCP-1530	MPU-153	Ver.2.00 and higher ^{*1}

*1: Will be supported after functions are added in the future

1-2. Power Cord

To get a power cord, please contact your local Sony Sales Office/Service Center.

WARNING

- Use the approved Power Cord (3-core mains lead)/Appliance Connector/Plug with earthing-contacts that conforms to the safety regulations of each country if applicable.
- Use the Power Cord (3-core mains lead)/Appliance Connector/Plug conforming to the proper ratings (Voltage, Ampere).
- Never use an injured power cord.

1-3. Connectors and Cables

1-3-1. Connector Input/Output Signals of HDCU2000

Input Signals

1. HD PROMPTER IN

- BNC type
- BTA S-004/SMPTE 292M compliant
75 Ω, 1.485 Gbps/1.4835 Gbps

2. SDI 1 to 4 (RETURN INPUT)

- BNC type
- 3G-SDI: SMPTE 424M/425M Level-B compliant
0.8 Vp-p, 75 Ω, 2.970 Gbps/2.967Gbps
- HD-SDI: SMPTE 292M
0.8 Vp-p, 75 Ω, 1.485 Gbps/1.4835 Gbps
- SD-SDI: 0.8 Vp-p, 75 Ω, 270 Mbps, SMPTE 259M

3. VBS 1 to 4 (RETURN INPUT)

- BNC type
- Analog composite signals: 1.0 V p-p, 75 Ω

4. REFERENCE (INPUT)

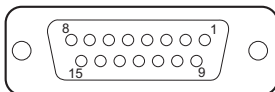
- BNC type
- HD: SMPTE 274M compliant
tri-level sync, 0.6 Vp-p, 75 Ω
- SD: Black burst signal (NTSC: 0.286 Vp-p, 75 Ω/
PAL: 0.3 Vp-p, 75 Ω) or NTSC 10F-BB

5. PROMPTER 1, 2 (INPUT)

- BNC type
- Analog signals, 1.0 Vp-p, 75 Ω

6. WF REMOTE

D-sub, 15-pin, Female



- External View -

No.	Signal	I/O	Specifications
1	NC	—	No connection
2	NC	—	No connection
3	NC	—	No connection
4	NC	—	No connection

Continued

No.	Signal	I/O	Specifications
5	RECALL2 (G)	I	LOW ACTIVE
6	RECALL3 (B)	I	
7	RECALL1 (R)	I	
8	RECALL4 (SEQ)	I	
9	GND	—	—
10	NC	—	No connection
11	NC	—	No connection
12	RECALL5 (ENC)	I	LOW ACTIVE
13	RECALL6 (R +B)	I	
14	RECALL7 (R +G)	I	
15	RECALL8 (G +B)	I	

Output Signals

7. SYNC (OUTPUT)

- BNC type
- HD: BTA-S001A compliant
tri-level sync, 0.6 Vp-p, 75 Ω
- SD: composite sync, 0.3 Vp-p, 75 Ω
- HD SYNC/SD SYNC selectable

8. CHARACTER (OUTPUT)

- BNC type
- VBS, 1 Vp-p, 75 Ω, character on/off switchable

9. AES/EBU (OUTPUT)

- BNC type
- AES/EBU format

10. HD/SD-SDI OUT 1 to 4

- BNC type
- HD-SDI: BTA-S004, SMPTE 292M compliant
0.8 Vp-p, 75 Ω, 1.485 Gbps/1.4835 Gbps
- SD-SDI: SMPTE 259M compliant
0.8 Vp-p, 75 Ω, 270 Mbps
- HD-SDI/SD-SDI selectable

11. 3G/HD-SDI OUT 1 to 4

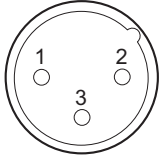
- BNC type
- 3G-SDI: SMPTE 424M/425M Level-B compliant
0.8 Vp-p, 75 Ω, 2.970 Gbps/2.967Gbps
- HD-SDI: SMPTE 292M
0.8 Vp-p, 75 Ω, 1.485 Gbps/1.4835 Gbps
- 3G-SDI/HD-SDI selectable

12. HD TRUNK OUT

- BNC type
- HD-SDI: BTA-S004, SMPTE 292M compliant
0.8 Vp-p, 75 Ω , 1.485 Gbps/1.4835 Gbps (Available only when camera single link format is selected)

13. AUDIO OUT CH1, CH2

XLR 3-pin, Male



- External View -

(0 dBu = 0.775 Vrms)

No.	Signal	I/O	Specifications
1	MIC OUT (G)	—	+4 dBu/0 dBu/−20 dBu
2	MIC OUT (X)	O	
3	MIC OUT (Y)	O	

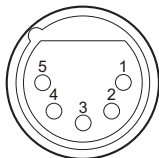
Input/Output Signals

14. CAMERA

- Optical/electrical connector
- VIDEO: Y/PB/PR
BTA-S004 compliant
3.7125 Gbps/3.7088 Gbps/1.485 Gbps /1.4835 Gbps serial
- RET VIDEO: Y/PB/PR
3.7125 Gbps/3.7088 Gbps/1.485 Gbps /1.4835 Gbps serial
- INTEERCOM: 2ch
- MIC: 2ch
- DIGITAL AUDIO (AES/EBU)
- CAMERA COMMAND
- PROMPTER: 2ch

15. INTERCOM

XLR 5-pin, Female



- External View -

(0 dBu = 0.775 V rms)

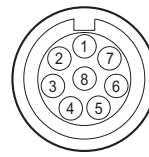
Note

In the UNBALANCE mode, connect the GND signal of the microphone to Pin 1

No.	Signal	I/O	Specifications
1	INTERCOM MIC IN (Y)/ (GND)	I	−20 dBu (CARBON) −40 dBu (ECM) −60 dBu (DYNAMIC, BALANCE/UNBALANCE)
2	INTERCOM MIC IN (X)	I	
3	GND	—	GND
4	INTERCOM L OUT	O	—
5	INTERCOM R OUT	O	—

16. AUX REMOTE

8-pin, Female

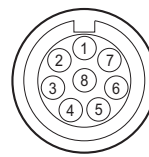


- External View -

No.	Signal	I/O	Specifications
1	TX (+)	O	SERIAL DATA OUT
2	TX (−)	O	
3	RX (+)	I	SERIAL DATA IN
4	RX (−)	I	
5	TX GND	—	GND for TX
6	POWER (+) OUT	O	RCP POWER, +30 V
7	POWER (−) OUT	O	GND for POWER
8	VIDEO (X)	O	75 Ω , 1.0 V p-p

17. RCP/CNU

8-pin, Female



- External View -

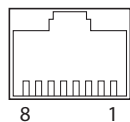
No.	Signal	I/O	Specifications
1	TX (+)	O	SERIAL DATA OUT
2	TX (−)	O	
3	RX (+)	I	SERIAL DATA IN
4	RX (−)	I	
5	TX GND	—	GND for TX
6	POWER (+) OUT	O	RCP POWER, +30 V

Continued

No.	Signal	I/O	Specifications
7	POWER (-) OUT	O	GND for POWER
8	VIDEO (X)	O	75 Ω , 1.0 V p-p

18. LAN

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

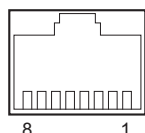


- External View -

No.	Signal	I/O	Specifications
1	TXD (+)	O	Transmitted Data (+)
2	TXD (-)	O	Transmitted Data (-)
3	RXD (+)	I	Received Data (+)
4	NC	—	No connection
5	NC	—	No connection
6	RXD (-)	I	Received Data (-)
7	NC	—	No connection
8	NC	—	No connection

19. NETWORK TRUNK

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

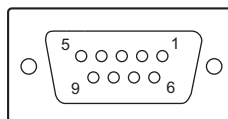


- External View -

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

20. TRUNK LINE

D-sub 9-pin, Female

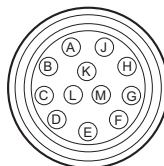


- External View -

No.	Signal	I/O	Specifications
1	NC	—	No connection
2	EXT-CMD0-IN (RXD IN)	I	—
3	EXT-CHD0- OUT (TXD OUT)	O	—
4	NC	—	No connection
5	GND	—	—
6	NC	—	No connection
7	NC	—	No connection
8	NC	—	No connection
9	NC	—	No connection

21. TRUNK A

12-pin, Female

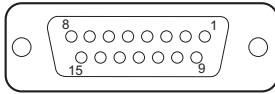


- External View -

No.	RS422A		RS232C		Specifications
	Signal	I/O	Signal	I/O	
A	TX1 (-)	O	—	—	TRUNK Data out
B	TX1 (+)	O	—	—	
C	NC	—	NC	—	No connection
D	TX0 (+)	O	TX1	O	TRUNK Data out
E	TX0 (-)	O	TX0	O	
F	RX0 (-)	I	RX0	I	TRUNK Data in
G	RX0 (+)	I	RX1	I	
H	RX1 (+)	I	—	—	
J	RX1 (-)	I	—	—	
K	GND	—	GND	—	GND for com- mand
L	NC	—	NC	—	No connection
M	NC	—	NC	—	No connection

22. I/O PORT

D-sub, 15-pin, Female

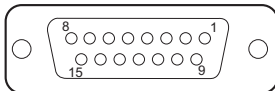


- External View -

No.	Signal	I/O	Specifications
1	IN1	I	GND/+5 V, OPEN (47 kΩ +5 V PULL UP)
2	IN2	I	GND/+5 V, OPEN (47 kΩ +5 V PULL UP)
3	IN3	I	GND/+5 V, OPEN (47 kΩ +5 V PULL UP)
4	IN4	I	GND/+5 V, OPEN (47 kΩ +5 V PULL UP)
5	IN5	I	GND/+5 V, OPEN (47 kΩ +5 V PULL UP)
6	IN6	I	GND/+5 V, OPEN (47 kΩ +5 V PULL UP)
7	IN7	I	GND/+5 V, OPEN (47 kΩ +5 V PULL UP)
8	IN8	I	GND/+5 V, OPEN (47 kΩ +5 V PULL UP)
9	GND	—	—
10	OUT1	O	0/+5 V (1 kΩ)
11	OUT2	O	0/+5 V (1 kΩ)
12	OUT3	O	0/+5 V (1 kΩ)
13	OUT4	O	0/+5 V (1 kΩ)
14	OUT5	O	0/+5 V (1 kΩ)
15	OUT6	O	0/+5 V (1 kΩ)

23. MIC REMOTE

D-sub, 15-pin, Female



- External View -

No.	Signal	I/O	Specifications
1	+5.5 V OUT	O	Max. 250 mA
2	TALLY GND	—	GND for TALLY
3	G TALLY OUT	O	ON (GND) : Max. 30 mA IN
4	R TALLY OUT	O	ON (GND) : Max. 30 mA IN
5	CHU MIC AMP GAIN CONT2	I	Refer to “Specification of CHU MIC AMP GAIN”
6	CHU MIC AMP GAIN CONT1	I	
7	CHU MIC AMP GAIN CONT0	I	

Continued

No.	Signal	I/O	Specifications
8	MIC1 GAIN CONT ON/OFF IN	I	Refer to “Specification of MIC GAIN CONT”
9	GND	—	GND for +5.5 V
10	TALLY OUT	O	R/G/Y TALLY OUT ON (GND) : Max. 30 mA IN
11	Y TALLY OUT	O	ON (GND) : Max. 30 mA IN
12	ASPECT REMOTE	I	L : REMOTE
13	ASPECT CTL CONT1	I	Refer to “Specification of ASPECT CTL”
14	ASPECT CTL CONT2 (CNS MODE)	I	
15	MIC2 GAIN CONT ON/OFF IN	I	Refer to “Specification of MIC GAIN CONT”

- Specification of CHU MIC AMP GAIN

Note

The following shows the MIC REMOTE settings in OTHERS (M04) of the MAINTENANCE menu.

MIC1&2 or MIC+NETWORK: Common to MIC1 and MIC2

MIC1, 2: MIC1

CONT0	CONT1	CONT2	CHU MIC AMP GAIN
H	H	H	60 dB
L	H	H	50 dB
H	L	H	40 dB
L	L	H	30 dB
H	H	L	20 dB

- Specification of MIC GAIN CONT

8 pin	15 pin	MIC GAIN CONT
L	L	MIC1 and MIC2 ON
L	H	MIC1 ON
H	L	MIC2 ON
H	H	INTERNAL set

- Specification of ASPECT CTL

The following shows the MIC REMOTE settings in OTHERS (M04) of the MAINTENANCE menu.

- For MIC REMOTE: MIC1, 2

CONT1	CONT2	ASPECT CTL
L	H	SQ (16 : 9)
H	H	EC (4 : 3)
L	L	INTERNAL set
H	L	LB

- For MIC REMOTE: MIC1, 2

Note

For specification of GAIN, refer to “Specification of CHU MIC AMP GAIN”.

AMP GAIN of MIC2

12 pin: CONT2

13 pin: CONT1

14 pin: CONT0

- For MIC REMOTE: MIC+NETWORK

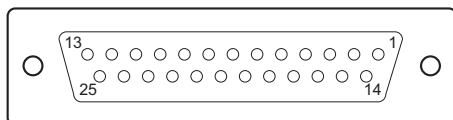
CONT (14 pin)	CNS MODE
H	MCS, BRIDGE, or LEGACY
L	Forcible LEGACY

Note

12 pin and 13 pin are no connection

24. INTERCOM/TALLY/PGM

D-sub 25-pin, Female



- External View -

(0 dBu = 0.775 Vrms)

No.	Signal	I/O	Specifications
1	ENG (R) (X) OUT	O	ENG SYSTEM RECEIVE
2	ENG (R) (Y) OUT	O	0 dBu BALANCED
3	ENG (G)	—	GND for ENG
4	ENG (T) (X) IN	I	ENG SYSTEM TALK
5	ENG (T) (Y) IN	I	0 dBu BALANCED
6	PGM1 (X) IN	I	-20 dBu/0 dBu/+4 dBu (Selectable with CCU Menu)
7	PGM1 (Y) IN	I	
8	PGM1 (G) IN	I	
9	GND	—	GND for AUX
10	AUX3	—	—

Continued

No.	Signal	I/O	Specifications
11	R TALLY (X) IN	I	ON : 24 Vdc, TTL (H), SHORT OFF : 0 Vdc, TTL (L), OPEN
12	R TALLY (Y) IN	I	
13	GND	—	CHASSIS GND
14	PROD (R) (X) OUT	O	PROD SYSTEM RECEIVE 0 dBu BALANCED
15	PROD (R) (Y) OUT	O	
16	PROD (G)	—	GND for PROD
17	PROD (T) (X) IN	I	PROD SYSTEM TALK 0 dBu BALANCED
18	PROD (T) (Y) IN	I	
19	PGM2 (X) IN	I	-20 dBu/0 dBu/+4 dBu (Selectable with CCU Menu)
20	PGM2 (Y) IN	I	
21	PGM2 (G) IN	—	
22	Y TALLY (X)	I	ON : 24 Vdc, TTL (H), SHORT OFF : 0 Vdc, TTL (L), OPEN
23	Y TALLY (Y)	I	
24	G TALLY (X) IN	I	ON : 24 Vdc, TTL (H), SHORT OFF : 0 Vdc, TTL (L), OPEN
25	G TALLY (Y) IN	I	

1-3-2. Connector Input/Output Signals of HKCU2007

Output Signals

1. SDI OUT 1 to 4

- BNC type
- 3G-SDI: SMPTE 424M/425M Level-B compliant
0.8 Vp-p, 75 Ω, 2.970 Gbps/2.967Gbps
- HD-SDI: BTA-S004, SMPTE 292M compliant
0.8 Vp-p, 75 Ω, 1.485 Gbps/1.4835 Gbps
- 3G-SDI/HD-SDI selectable
- Character ON/OFF selectable (connectors 3/4)

1-3-3. Connector Input/Output Signals of HKCU1001

Output Signals

1. VBS 1, 2

- BNC type
- VBS 1.0 V p-p, 75 Ω

2. PIX OUT

- BNC type

- VBS/R/G/B (VBS 1.0 Vp-p, 75 Ω)

3. WF OUT

- BNC type
- 0.714 Vp-p, 75 Ω (NTSC)
0.7 Vp-p, 75 Ω (PAL)
- ENC : 1.0 V p-p

1-3-4. Connector Input/Output Signals of HKCU1003

VDA-64A board

Output Signals

1. VBS 1, 2

- BNC type
- VBS 1.0 V p-p, 75 Ω

2. PIX OUT

- BNC type
- VBS/R/G/B (VBS 1.0 Vp-p, 75 Ω)

3. WF OUT

- BNC type
- 0.714 Vp-p, 75 Ω (NTSC)
0.7 Vp-p, 75 Ω (PAL)
- ENC : 1.0 V p-p

VDA-64B board

Input/Output Signals

1. FRAME REF IN

- BNC type
- HD: SMPTE 274M compliant
tri-level sync input, 0.6 Vp-p, 75 Ω
- SD: Black burst signal input, 0.286 Vp-p, 75 Ω

2. FRAME REF OUT

- BNC type
- Loop-through output or frame sync pulse output, 0.3 Vp-p, 75 Ω , selectable

3. PIX OUT

- BNC type
- VBS/R/G/B (VBS 1.0 Vp-p, 75 Ω)

4. WF OUT

- BNC type

- 0.714 Vp-p, 75 Ω (NTSC)
0.7 Vp-p, 75 Ω (PAL)
- ENC : 1.0 V p-p

VDA-64C board

Output Signals

1. VBS OUT

- BNC type
- VBS 1.0 V p-p, 75 Ω

2. R/R-Y OUT

- BNC type
- R (100% white): 0.7 Vp-p, 75 Ω
- R-Y (when outputting 75% color bar):
0.7 Vp-p, 75 Ω (NTSC, SETUP: ON)
0.525 V p-p, 75 Ω (PAL)

3. G/Y OUT

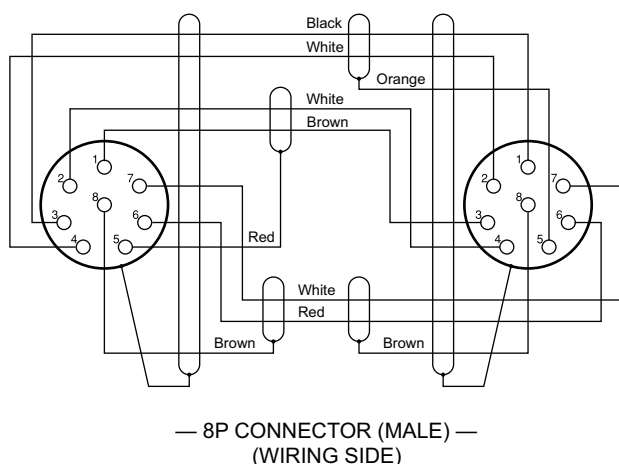
- BNC type
- G (100% white): 0.7 Vp-p, 75 Ω
- Y (100% white):
1.0 V p-p (Video : 0.714 V, synchronous 0.286 V, NTSC), 75 Ω
1.0 V p-p (Video : 0.7 V, synchronous 0.3 V, PAL), 75 Ω

4. B/B-Y OUT

- BNC type
- B (100% white): 0.7 Vp-p, 75 Ω
- B-Y (when outputting 75% color bar):
0.7 Vp-p, 75 Ω (NTSC, SETUP: ON)
0.525 V p-p, 75 Ω (PAL)

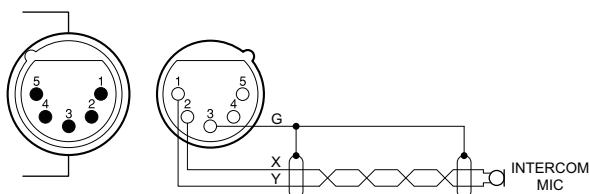
1-3-5. Wiring Diagrams for Cables

CCA-5 Cable (for RCP/CNU connector)

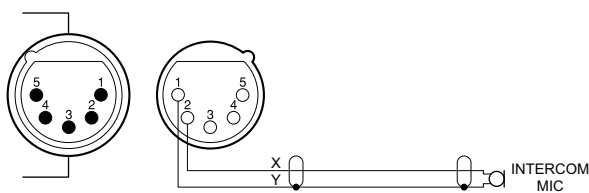


INTERCOM MIC Cable

1. Balance (BALANCE in MIC TYPE menu)



2. Unbalance (UNBALANCE in MIC TYPE menu)



1-3-6. 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.

HDCU2000

Connector Name	Connector/Cable
CAMERA (LEMO®)	LEMO® PUW. 3K. 93C. TLCC96

Continued

Connector Name	Connector/Cable
CAMERA (Tajimi Electronics Co.,Ltd.)	Tajimi Electronics Co.,Ltd. OPS2402-R
- VBS 1 to 4 (RETURN INPUT) - PROMPTER 1, 2 (INPUT) - REFERENCE (INPUT) - SYNC (OUTPUT) - CHARACTER (OUTPUT) - AES/EBU (OUTPUT) (BNC type)	1-564-742-11 PLUG, BNC or B-B Cable assembly (1.5 m, optional)
- HD PROMPTER IN - SDI 1 to 4 (RETURN INPUT) 3G/HD-SDI OUT 1 to 4 - HD/SD-SDI OUT 1 to 4 - HD TRUNK OUT (BNC type)	1-569-370-12 PLUG, BNC/SC-FB coaxial cable (Fujikura products recommended)
AUDIO OUT CH1, CH2 (3P, Male)	1-508-083-xx XLR 3P Female or CANNON XLR-3-11C equivalent
WF MODE (4P, Female)	1-560-155-xx PLUG, 4P Male (supplied)
INTERCOM (5P, Female)	1-508-370-11 XLR 5P, Male or CANNON XLR-5-12C equivalent
- AUX REMOTE - RCP/CNU (8P, Female)	1-766-848-11 PLUG, 8P Male or CCA cable assembly (optional), CCA-5-10 (10 m), CCA-5-3 (3 m)
- LAN - NETWORK TRUNK (8P, RJ-45)	LAN cable (commercially available, shield type, category 5 or higher)
TRUNK LINE (D-sub 9P, Female)	1-560-651-xx D-sub 9P, Male or JAE DE-9PF-N equivalent 1-561-749-xx JUNCTION SHELL
TRUNK A (12P, Female)	1-819-261-11 12P, Male or Tajimi Electronics Co.,Ltd. PRC07-P12M
- WF REMOTE - MIC REMOTE - I/O PORT (D-sub 15P, Female)	1-506-582-11 D-sub 15P, Male or JAE DA-CI-J10 equivalent
INTERCOM/TALLY/PGM (D-sub 25P, Female)	1-766-367-11 D-sub 25P, Male, JAE DB-25PF-N equivalent

HKCU2007

Connector Name	Connector/Cable
SDI OUT 1 to 4 (BNC type)	1-569-370-12 PLUG, BNC/SC-FB coaxial cable (Fujikura products recommended)

HKCU1001

Connector Name	Connector/Cable
• VBS 1, 2 • PIX OUT • WF OUT (BNC type)	1-564-742-11 PLUG, BNC or B-B Cable assembly (1.5 m, optional)

HKCU1003

Connector Name	Connector/Cable
VDA-64A board • VBS 1, 2 • PIX OUT • WF OUT (BNC type)	1-564-742-11 PLUG, BNC or B-B Cable assembly (1.5 m, optional)
VDA-64B board • FRAME REF IN • FRAME REF OUT • PIX OUT • WF OUT (BNC type)	
VDA-64C board • VBS • R/R-Y • G/Y • B/B-Y (BNC type)	

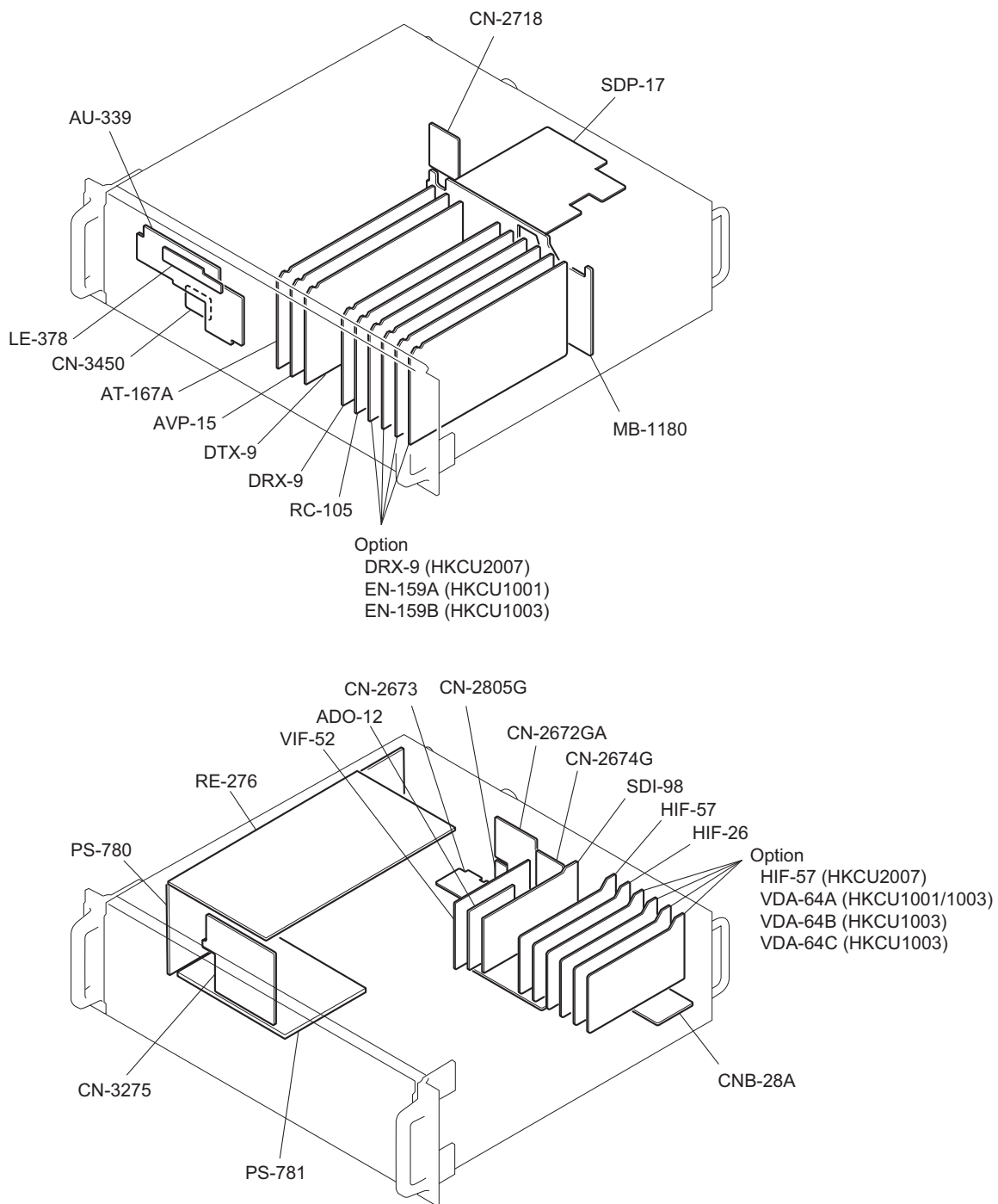
1-3-7. Note in Connecting CAMERA Connector

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

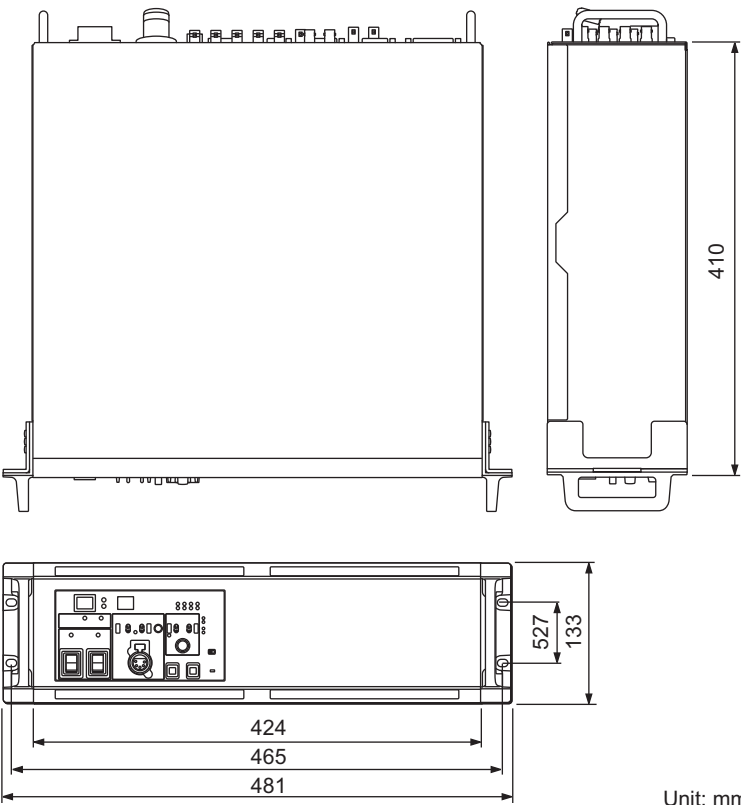
For details on a cleaning method, refer to [“1-15. Cleaning of Connector/Cable”](#).

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

1-4. Location of Printed Circuit Boards



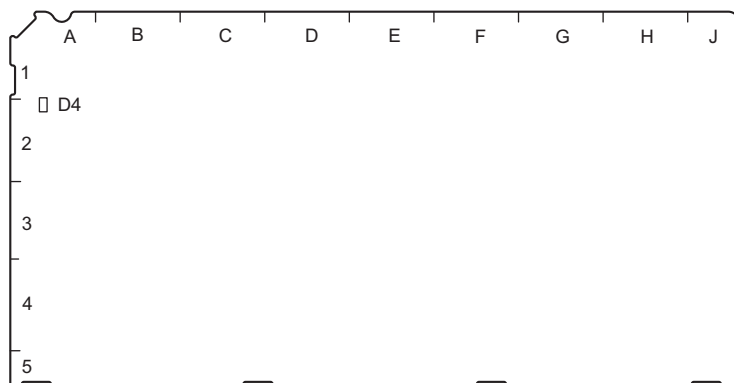
1-5. Outside Dimensions



1-6. Functions of Onboard Parts

1-6-1. Description of Onboard LED Indicators

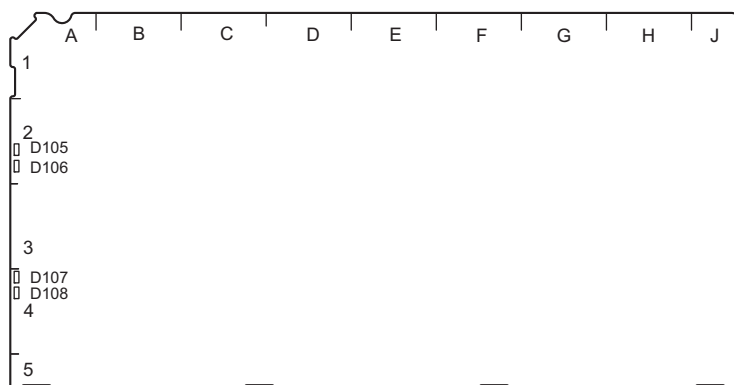
AT-167A Board



AT-167A Board (Side A)

Ref. No.	Name	Color	Description	Normal state
D4	POWER	Green	Lit when the power to the AT-167A board has correctly started.	—

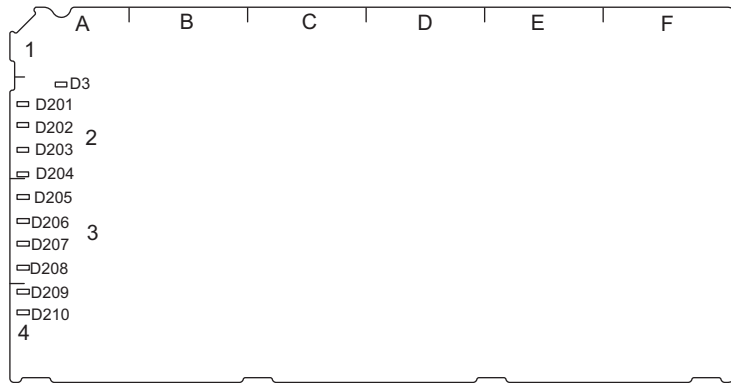
AVP-15 Board



AVP-15 Board (Side A)

Ref. No.	Name	Color	Description	Normal state
D105	CCU POWER	Green	Lit when the power to the boards in the whole CCU is functioning properly	—
D106	CAM LOCK	Green	Lit when the communication with camera head is normal.	—
D107	/1.001	Green	Lit when the operation clock frequency of SG is 74.17582 MHz. (When the frame frequency of the video signal is integer 1/1.001.)	—
D108	90H (LINE DELAY)	Yellow	Lit when the SD signal delay time at down-conversion is set to LINE-DELAY.	—

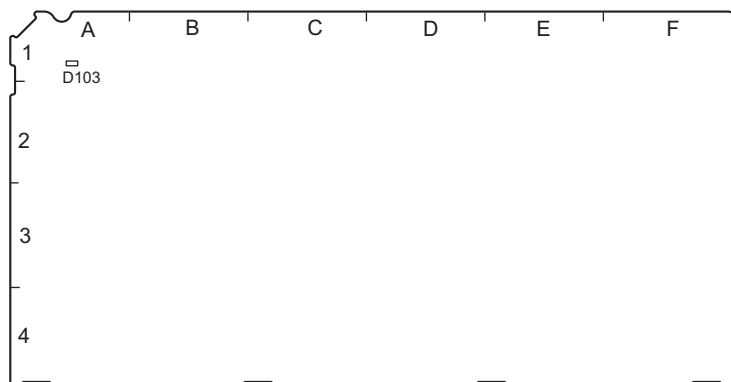
DRX-9 Board



DRX-9 Board (Side A)

Ref. No.	Name	Color	Description	Normal state
D3	POWER	Green	Lit when the power to the DRX-9 board has correctly started.	—
D201	1080	Green	Lit when the Active-Line of the Main output is 1080P-Format. ^{*1}	—
D202	720	Green	Lit when the Active-Line of the Main output is 720P-Format. ^{*1}	—
D203	P/PsF	Orange	Lit when the Main output is Progressive video. ^{*1}	—
D204	FC/RC	Orange	Lit when the frame frequency converted signal or the rate converted (1080 P-Format to 720 P-Format) signal is output from the Main output. ^{*1}	—
D205	×2	Green	Lit when the Main output is ×2 output. ^{*1}	—
D206	60	Green	Lit when the Main output is 1080-60i/59.94i or 720-60P/59.94P. ^{*1}	—
D207	50	Green	Lit when the Main output is 1080-50i or 720-50P. ^{*1}	—
D208	30	Green	Lit when the Main output is 1080-30PsF/29.97PsF. ^{*1}	—
D209	25	Green	Lit when the Main output is 1080-25PsF. ^{*1}	—
D210	24	Green	Lit when the Main output is 1080-24PsF/23.98PsF. ^{*1}	—

DTX-9 Board

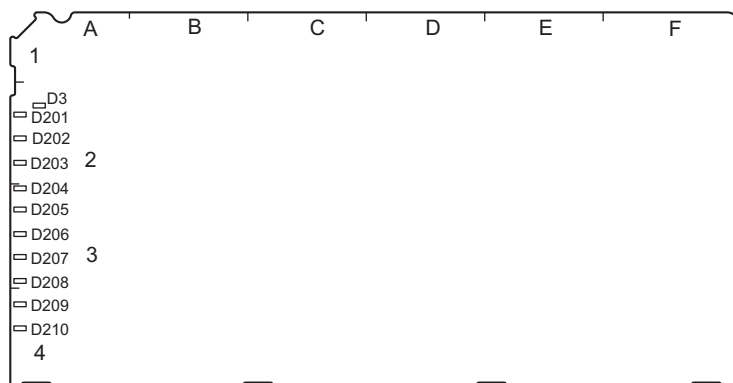


DTX-9 Board (Side A)

*1: Blinks when the format setting is not correct.

Ref. No.	Name	Color	Description	Normal state
D103	POWER	Green	Lit when the power to the DTX-9 board has correctly started.	—

RC-105 Board



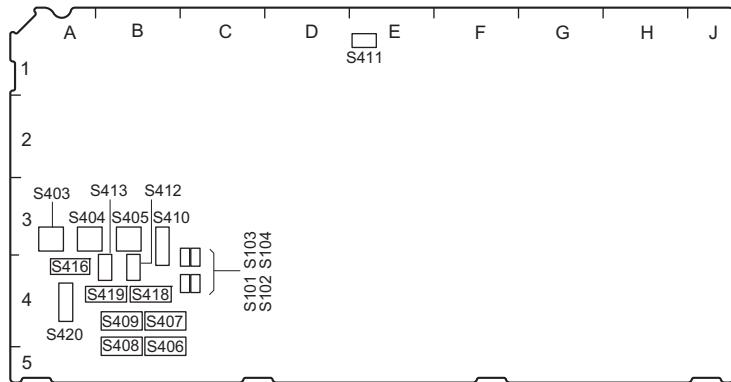
RC-105 Board (Side A)

Ref. No.	Name	Color	Description	Normal state
D3	POWER	Green	Lit when the power to the RC-105 board has correctly started.	—
D201	1080	Green	Lit when the Active-Line of the Main output is 1080-Format. ^{*1}	—
D202	720	Green	Lit when the Active-Line of the Main output is 720P-Format. ^{*1}	—
D203	SD	Green	Lit when the Main output is SD-Format. ^{*1}	—
D204	P/PsF	Orange	Lit when the Main output is Progressive video. ^{*1}	—
D205	FC	Orange	Lit when the frame frequency converted signal is output from the Main output. ^{*1}	—
D206	60	Green	Lit when the Main output is 1080-60i/59.94i or 720-60P/59.94P. ^{*1}	—
D207	50	Green	Lit when the Main output is 1080-50i or 720-50P. ^{*1}	—
D208	30	Green	Lit when the Main output is 1080-30PsF/29.97PsF. ^{*1}	—
D209	25	Green	Lit when the Main output is 1080-25PsF. ^{*1}	—
D210	24	Green	Lit when the Main output is 1080-24PsF/23.98PsF. ^{*1}	—

*1: Blinks when the format setting is defective.

1-6-2. Functions of Onboard Switches

AT-167A Board



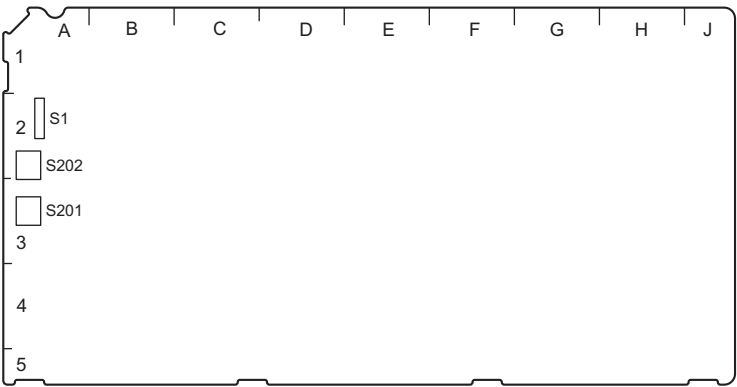
AT-167A Board (Side A)

Note

Do not change the setting of “Factory use” switch.

Ref. No.	Name	bit	Description	Factory setting
S101	PRTCT	—	Factory use	ON
S102	DEBUG	—	Factory use	OFF
S103	URA	—	Factory use	OFF
S104	DEBUG	—	Factory use	OFF
S403	H-Phase (STEP)	—	Factory use	8
S404	V-Phase	—	Factory use	8
S405	V-DLY	—	Factory use	0
S406	MODE1	1 to 8	Factory use	OFF (ALL)
S407	TEST	1 to 4	Factory use	OFF (ALL)
		5		ON
		6 to 8		OFF (ALL)
S408	MODE2	1 to 8	Factory use	OFF (ALL)
S409	CCU-NO	1 to 8	Factory use	OFF (ALL)
S410	HD-SD DLY	—	Factory use	LINE-DLY
S411	SEQ1&SEQ2	—	Switch depending on the waveform monitor to be used. +: PNP open collector output -: NPN open collector output	+
S412	SYNC	—	Factory use	SD
S413	10F-BB	—	Factory use	OFF
S416	Co-AX/D-S-F1	—	Factory use	Fiber
S418	48V/50V/60V	—	Factory use	60
S419	720/Psf/I	—	Factory use	INTR
S420	1001/RMT/1000	—	Factory use	REMOTE

AVP-15 Board



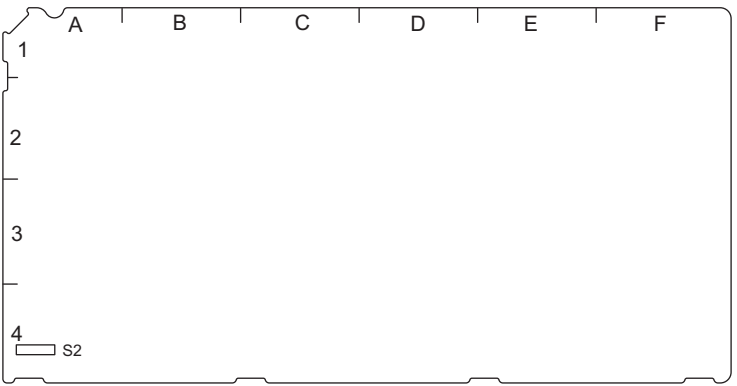
AVP-15 Board (Side A)

Note

Do not change the setting of “Factory use” switch.

Ref. No.	Name	bit	Description	Factory setting
S1	MODE	1 to 7	Factory use	OFF (ALL)
		8	Set this to ON when upgrading the PLD (IC1, IC601) version of the SDP-17 board. (Be sure to set the switch to OFF after the upgrade is completed.)	OFF
S201	LEGACY/ NETWORK	—	Forcible LEGACY switch that allows 1:1 communication between CAM and CCU	LEGACY/ NETWORK
S202	CAM POWER	—	Turns ON/OFF the CAMERA POWER.	—

DRX-9 Board



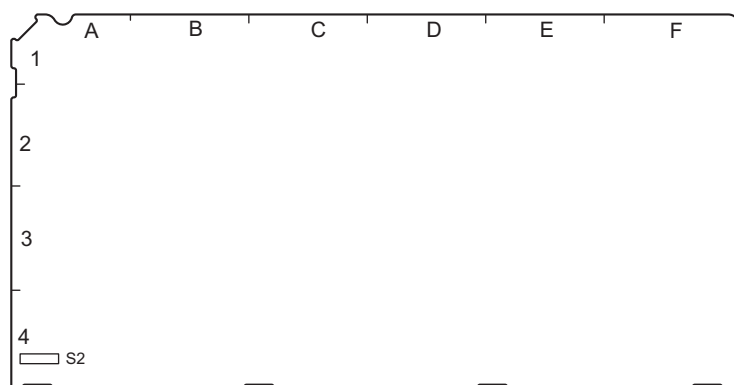
DRX-9 Board (Side A)

Note

Do not change the setting of “Factory use” switch.

Ref. No.	Name	bit	Description	Factory setting
S2	MODE1	1 (MONI-ON)	Turns on or off the character MIX function of SDI monitor output (3, 4). OFF: Normal SDI monitor output. ON: Forcibly turns on characters and marker of SDI monitor output (3, 4). Note Settings are for each DRX-9 board.	OFF
		2 to 8	Factory use	OFF (ALL)

RC-105 Board



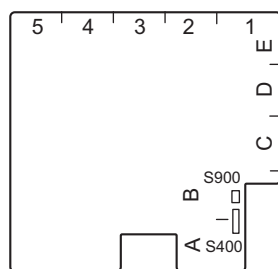
RC-105 Board (Side A)

Note

Do not change the setting of “Factory use” switch.

Ref. No.	Name	bit	Description	Factory setting
S2	MODE1	1 (CHARA ON)	Turns on or off the character MIX function of SDI monitor output (3, 4). OFF: Normal SDI monitor output. ON: Keeps the characters and the markers of the SDI monitor output (3, 4) turned on. Note Settings are for each RC-105 board.	OFF
		2 to 8	Factory use	OFF (ALL)

SDP-17 Board



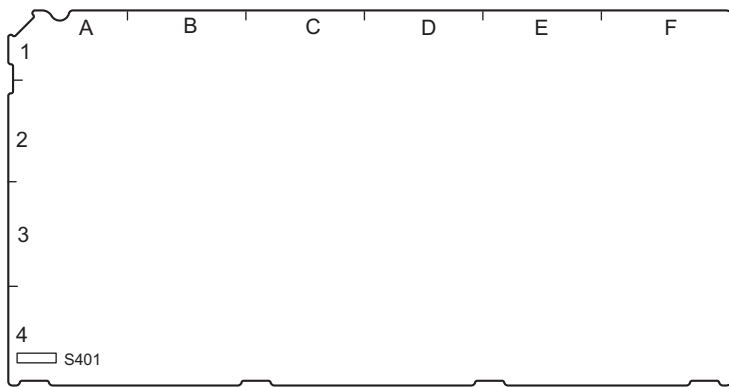
SDP-17 Board (Side A)

Note

Do not change the setting of “Factory use” switch.

Ref. No.	Name	bit	Description	Factory setting
S400	TEST	1 to 8	Factory use	OFF (ALL)
S900	GRST	—	Factory use	OFF

DTX-9 Board

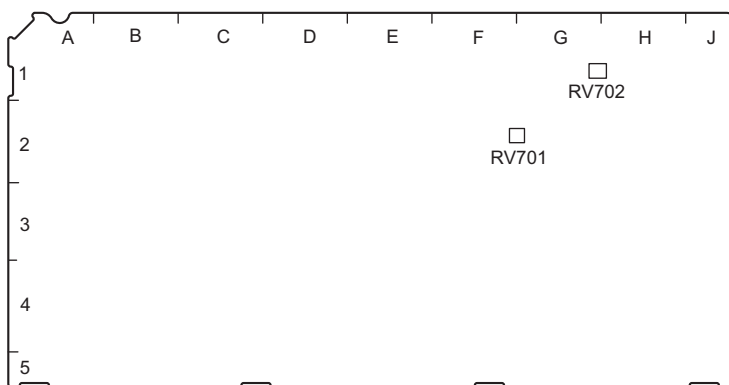


DTX-9 Board (Side A)

Ref. No.	Name	bit	Description	Factory setting
S401	MODE	1 to 8	Factory use	OFF (ALL)

1-6-3. Functions of Onboard Potentiometers

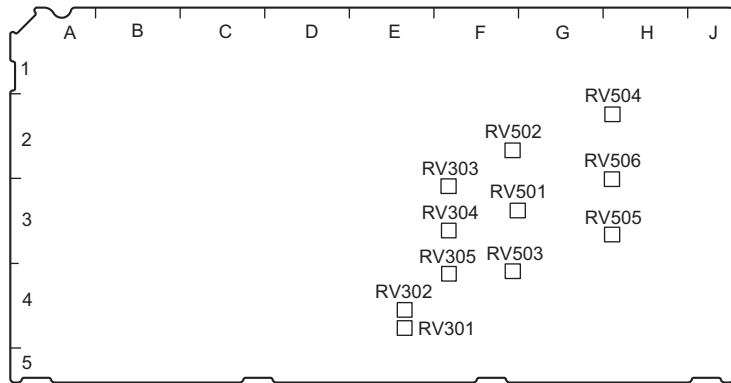
AT-167A Board



AT-167A Board (Side A)

Ref. No.	Name	Description
RV701	27M FREQ	Volume that adjusts the free-run frequency of 27M-VCO (X701). Must be readjusted when replacing X701.
RV702	CK-DUTY	Volume that adjusts the clock duty of the 74 MHz clock.

EN-159A/159B Board



EN-159A/159B Board (Side A)

Ref. No.	Name	Description
RV301	DC (Position)	In the 3-waveform display on the waveform monitor, the display position can be adjusted horizontally.
RV302	LEVEL (Interval)	In the 3-waveform display on the waveform monitor, the display interval can be adjusted.
RV303	VBS GAIN	Adjusts the video level of the VBS output.
RV304	PIX GAIN	Adjusts the video level of the PIX output.
RV305	WF GAIN	Adjusts the video level of the WF output.
RV501 ^{*1}	Y GAIN (UC)	Adjusts the video level of the Y output.
RV502 ^{*1}	R-Y GAIN	Adjusts the video level of the R-Y output.
RV503 ^{*1}	B-Y GAIN	Adjusts the video level of the B-Y output.
RV504 ^{*1}	R-Y/R LEVEL	Adjusts the video level of the R (R-Y) output.
RV505 ^{*1}	B-Y/B LEVEL	Adjusts the video level of the B (B-Y) output.
RV506 ^{*1}	Y/G LEVEL	Adjusts the video level of the G (Y) output.

*1: The EN-159A board does not have this function

1-7. Notes on Using the Power Supply Unit

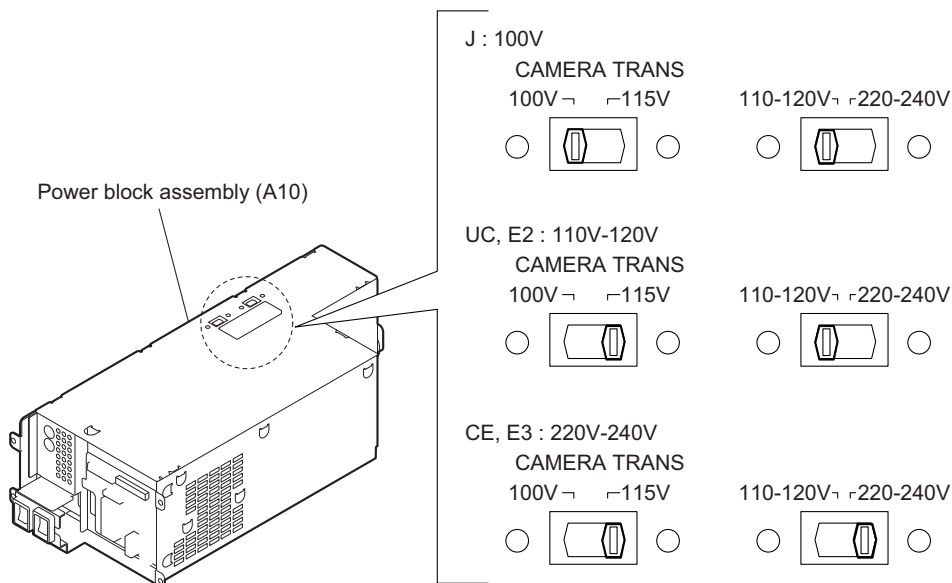
1-7-1. Setting the Power Voltage

Set the voltage according to the power voltage.

Voltage setting is performed by combinations of the two switches of the power block assembly (A10).

Refer to “4-2-1. Removing/Installing the Power Block Assembly (A10)” for the procedure of removing the power block assembly (A10).

If the voltage setting is changed, the CAMERA fuse needs to be replaced as well. (Refer to “4-2-2. Fuse”.)



1-8. Service Tools/Measuring Equipment List

1-8-1. Service Tools

Part No.	Name	Usage/Note
A-1153-700-A	EX-982 board	For extension of front boards
A-1153-701-A	EX-983 board	For extension of rear boards
A-1153-715-A	EX-984 board	For extension of the SDP-17 board
J-6480-010-A	Alignment sleeve remover HC-001	For female optical connector (LEMO® DCC. 91.312.5LA or equivalent)
J-7120-220-A	PLD download fixture	PLD data download cable
—	Cotton swab	Commercially available, for cleaning optical contact block (4 mm or less in diameter)

1-8-2. Measuring Equipment

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

Equipment	Type name
Digital oscilloscope (300 MHz or higher)	Tektronix TDS460A or equivalent
SD waveform/Vector monitor	Tektronix 1780R or equivalent (for NTSC) Tektronix 1781R or equivalent (for PAL)
SD signal generator	Tektronix TSG170A or equivalent (for NTSC) Tektronix TSG271 or equivalent (for PAL)
Audio oscillator	Tektronix SG-5010 or equivalent
Frequency counter	Advantest TR5821AK or equivalent

1-9. Cautions when Replacing the Lithium Battery

The lithium battery is installed on the AT-167A board. This lithium battery is used to back up the real-time clock (RTC). RTC stops operating when the battery life expires. Replace the battery and reset DATE/TIME in the DATE (C15) of the CCU CONFIGURATION menu. (Refer to “[3. Menu Settings](#)”.)

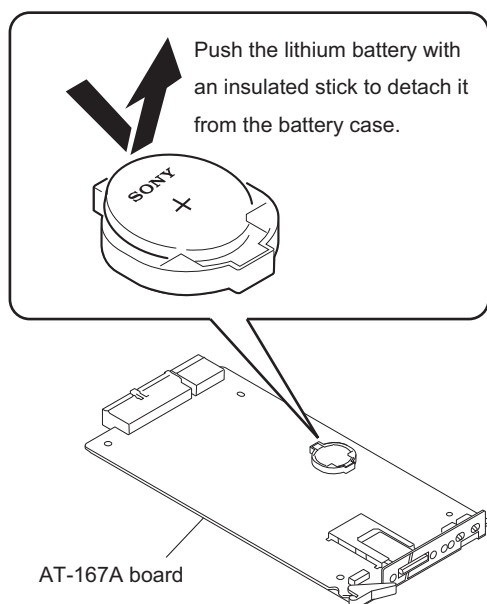
Part No.	Name	Usage
△ 1-528-174-72	Lithium Battery (CR2032 type)	For internal clock

CAUTION

Ensure that the battery is installed with + and – poles connected to the correct terminals. An incorrect connection may cause an explosion or leakage of fluid.

1-9-1. Replacing Procedure

1. Remove the AT-167A board. (Refer to “[4-5-1. Installing/Removing Plug-in Boards on the Front Side](#)”.)
2. Replace the lithium battery (CR2032) on the AT-167A board.



3. Install the removed parts by reversing the steps of removal.
4. Set DATE/TIME in the DATE (C15) of the CCU CONFIGURATION menu. (Refer to “[3. Menu Settings](#)”.)

1-10. Replacing the Flexible Card Wires

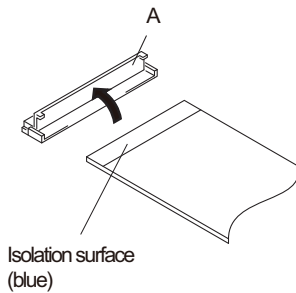
Note

The flat cables, flexible card wires and boards are used to connect between the following boards. Life of flexible card wire will be significantly shortened if it is folded. Be very careful not to fold the flat cables, flexible card wires and boards.

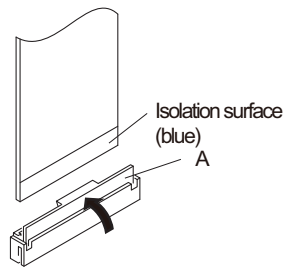
The three types of different shape connectors are used in this unit.

Because the direction of the flat cables, flexible card wires and boards are different depending on the shape of the connector, be careful when connecting the flat cables, flexible card wires and boards.

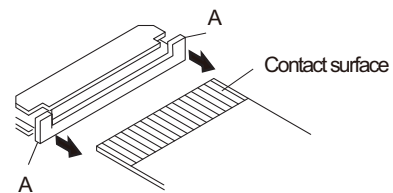
Connector : 1



Connector : 2



Connector : 3



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

Notes

- Do not insert the flexible card wires sideways.
 - Confirm that there is no stain or dust on the contact surface of the flexible card wires.
 - Check the connector shape, and great care should be taken for the direction of the contact surface or isolation surface (blue).
1. Slide or lift up the portion A in the direction of the arrow and securely insert the flexible card wire into the deep end of the connector.
 2. Return the portion A to its original position and lock the connector.

1-11. Option Board Installation Position

Slots to be used for the option boards vary depending on the system used. Slots to be used for the option boards vary depending on the system used.

For the details, refer to “2-1. System Connection”.

Model name	Board name (slot on the front side)	Board name (slot on the rear side)
HKCU2007 3G/HD SDI OUTPUT EXPANSION UNIT	DRX-9	HIF-57
HKCU1001 SD Analog Interface Unit	EN-159A	VDA-64A
HKCU1003 MULTI Interface Unit	EN-159B	VDA-64A VDA-64B VDA-64C

1-11-1. When Installing One Option Model

Note

When installing the option board, keep the following points in mind:

- Install option boards other than HKCU2007 sequentially into slots beginning with slot 3.
- Install the DRX-9 board (HKCU2007) between the standard DRX-9 board and the standard RC-105 board.
- Install the HIF-57 board (HKCU2007) between the standard HIF-57 board and the standard HIF-26 board.
- Three rear boards VDA-64A/64B/64C of HKCU1003 cannot be installed simultaneously.

When using VDA-64A/64B/64C simultaneously, use them together with HKCU1001.

Slot on the front side: Board name	Slot on the rear side: Board name	Option name
1: Standard DRX-9 2: DRX-9 3: Standard RC-105 4: — 5: — 6: —	1: Standard HIF-57 2: HIF-57 3: Standard HIF-26 4: — 5: — 6: —	HKCU2007
1: Standard DRX-9 2: Standard RC-105 3: EN-159A 4: — 5: — 6: —	1: Standard HIF-57 2: Standard HIF-26 3: VDA-64A 4: — 5: — 6: —	HKCU1001
1: Standard DRX-9 2: Standard RC-105 3: EN-159B 4: — 5: — 6: —	1: Standard HIF-57 2: Standard HIF-26 3: VDA-64A 4: — 5: — 6: —	HKCU1003
1: Standard DRX-9 2: Standard RC-105 3: EN-159B 4: — 5: — 6: —	1: Standard HIF-57 2: Standard HIF-26 3: VDA-64B 4: — 5: — 6: —	HKCU1003

Continued

Slot on the front side: Board name	Slot on the rear side: Board name	Option name
1: Standard DRX-9 2: Standard RC-105 3: EN-159B 4: — 5: — 6: —	1: Standard HIF-57 2: Standard HIF-26 3: VDA-64A 4: VDA-64C 5: — 6: —	HKCU1003
1: Standard DRX-9 2: Standard RC-105 3: EN-159B 4: — 5: — 6: —	1: Standard HIF-57 2: Standard HIF-26 3: VDA-64B 4: VDA-64C 5: — 6: —	HKCU1003

1-11-2. When Installing two Option Models

Note

When installing the option board, keep the following points in mind:

- Install option boards other than HKCU2007 sequentially into slots beginning with slot 3.
- Install the DRX-9 board (HKCU2007) between the standard DRX-9 board and the standard RC-105 board.
- Install the HIF-57 board (HKCU2007) between the standard HIF-57 board and the standard HIF-26 board.
- Three rear boards VDA-64A/64B/64C of HKCU1003 cannot be installed simultaneously.

When using VDA-64A/64B/64C simultaneously, use them together with HKCU1001.

Slot on the front side: Board name	Slot on the rear side: Board name	Option name
1: Standard DRX-9 2: DRX-9 3: DRX-9 4: Standard RC-105 5: — 6: —	1: Standard HIF-57 2: HIF-57 3: HIF-57 4: Standard HIF-26 5: — 6: —	HKCU2007 x 2
1: Standard DRX-9 2: DRX-9 3: Standard RC-105 4: EN-159A 5: — 6: —	1: Standard HIF-57 2: HIF-57 3: Standard HIF-26 4: VDA-64A 5: — 6: —	HKCU2007 HKCU1001
1: Standard DRX-9 2: DRX-9 3: Standard RC-105 4: EN-159B 5: — 6: —	1: Standard HIF-57 2: HIF-57 3: Standard HIF-26 4: VDA-64A 5: — 6: —	HKCU2007 HKCU1003
1: Standard DRX-9 2: DRX-9 3: Standard RC-105 4: EN-159B 5: — 6: —	1: Standard HIF-57 2: HIF-57 3: Standard HIF-26 4: VDA-64B 5: — 6: —	HKCU2007 HKCU1003
1: Standard DRX-9 2: DRX-9 3: Standard RC-105 4: EN-159B 5: — 6: —	1: Standard HIF-57 2: HIF-57 3: Standard HIF-26 4: VDA-64A 5: VDA-64C 6: —	HKCU2007 HKCU1003

Continued

Slot on the front side: Board name	Slot on the rear side: Board name	Option name
1: Standard DRX-9 2: DRX-9 3: Standard RC-105 4: EN-159B 5: — 6: —	1: Standard HIF-57 2: HIF-57 3: Standard HIF-26 4: VDA-64B 5: VDA-64C 6: —	HKCU2007 HKCU1003
1: Standard DRX-9 2: Standard RC-105 3: EN-159A 4: EN-159A 5: — 6: —	1: Standard HIF-57 2: Standard HIF-26 3: VDA-64A 4: VDA-64A 5: — 6: —	HKCU1001 x 2
1: Standard DRX-9 2: Standard RC-105 3: EN-159A 4: EN-159B 5: — 6: —	1: Standard HIF-57 2: Standard HIF-26 3: VDA-64A 4: VDA-64A 5: — 6: —	HKCU1001 HKCU1003
1: Standard DRX-9 2: Standard RC-105 3: EN-159A 4: EN-159B 5: — 6: —	1: Standard HIF-57 2: Standard HIF-26 3: VDA-64A 4: VDA-64B 5: — 6: —	HKCU1001 HKCU1003
1: Standard DRX-9 2: Standard RC-105 3: EN-159A 4: EN-159B 5: — 6: —	1: Standard HIF-57 2: Standard HIF-26 3: VDA-64A 4: VDA-64A 5: VDA-64C 6: —	HKCU1001 HKCU1003
1: Standard DRX-9 2: Standard RC-105 3: EN-159A 4: EN-159B 5: — 6: —	1: Standard HIF-57 2: Standard HIF-26 3: VDA-64A 4: VDA-64B 5: VDA-64C 6: —	HKCU1001 HKCU1003

1-11-3. When Installing three Option Models

Note

When installing the option board, keep the following points in mind:

- Install option boards other than HKCU2007 sequentially into slots beginning with slot 3.
- Install the DRX-9 board (HKCU2007) between the standard DRX-9 board and the standard RC-105 board.
- Install the HIF-57 board (HKCU2007) between the standard HIF-57 board and the standard HIF-26 board.
- Three rear boards VDA-64A/64B/64C of HKCU1003 cannot be installed simultaneously.

When using VDA-64A/64B/64C simultaneously, use them together with HKCU1001.

Slot on the front side: Board name	Slot on the rear side: Board name	Option name
1: Standard DRX-9 2: DRX-9 3: DRX-9 4: DRX-9 5: Standard RC-105 6: —	1: Standard HIF-57 2: HIF-57 3: HIF-57 4: HIF-57 5: Standard HIF-26 6: —	HKCU2007 x 3

Continued

Slot on the front side: Board name	Slot on the rear side: Board name	Option name
1: Standard DRX-9 2: DRX-9 3: DRX-9 4: Standard RC-105 5: EN-159A 6: —	1: Standard HIF-57 2: HIF-57 3: HIF-57 4: Standard HIF-26 5: VDA-64A 6: —	HKCU2007 x 2 HKCU1001
1: Standard DRX-9 2: DRX-9 3: DRX-9 4: Standard RC-105 5: EN-159B 6: —	1: Standard HIF-57 2: HIF-57 3: HIF-57 4: Standard HIF-26 5: VDA-64A 6: —	HKCU2007 x 2 HKCU1003
1: Standard DRX-9 2: DRX-9 3: DRX-9 4: Standard RC-105 5: EN-159B 6: —	1: Standard HIF-57 2: HIF-57 3: HIF-57 4: Standard HIF-26 5: VDA-64B 6: —	HKCU2007 x 2 HKCU1003
1: Standard DRX-9 2: DRX-9 3: DRX-9 4: Standard RC-105 5: EN-159B 6: —	1: Standard HIF-57 2: HIF-57 3: HIF-57 4: Standard HIF-26 5: VDA-64A 6: VDA-64B	HKCU2007 x 2 HKCU1003
1: Standard DRX-9 2: DRX-9 3: DRX-9 4: Standard RC-105 5: EN-159B 6: —	1: Standard HIF-57 2: HIF-57 3: HIF-57 4: Standard HIF-26 5: VDA-64B 6: VDA-64C	HKCU2007 x 2 HKCU1003
1: Standard DRX-9 2: DRX-9 3: Standard RC-105 4: EN-159A 5: EN-159A 6: —	1: Standard HIF-57 2: HIF-57 3: Standard HIF-26 4: VDA-64A 5: VDA-64A 6: —	HKCU2007 HKCU1001 x 2
1: Standard DRX-9 2: DRX-9 3: Standard RC-105 4: EN-159A 5: EN-159B 6: —	1: Standard HIF-57 2: HIF-57 3: Standard HIF-26 4: VDA-64A 5: VDA-64A 6: —	HKCU2007 HKCU1001 HKCU1003
1: Standard DRX-9 2: DRX-9 3: Standard RC-105 4: EN-159A 5: EN-159B 6: —	1: Standard HIF-57 2: HIF-57 3: Standard HIF-26 4: VDA-64A 5: VDA-64B 6: —	HKCU2007 HKCU1001 HKCU1003
1: Standard DRX-9 2: DRX-9 3: Standard RC-105 4: EN-159A 5: EN-159B 6: —	1: Standard HIF-57 2: HIF-57 3: Standard HIF-26 4: VDA-64A 5: VDA-64A 6: VDA-64C	HKCU2007 HKCU1001 HKCU1003
1: Standard DRX-9 2: DRX-9 3: Standard RC-105 4: EN-159A 5: EN-159B 6: —	1: Standard HIF-57 2: HIF-57 3: Standard HIF-26 4: VDA-64A 5: VDA-64B 6: VDA-64C	HKCU2007 HKCU1001 HKCU1003

1-11-4. When Installing four Option Models

Note

When installing the option board, keep the following points in mind:

- Install option boards other than HKCU2007 sequentially into slots beginning with slot 3.
- Install the DRX-9 board (HKCU2007) between the standard DRX-9 board and the standard RC-105 board.
- Install the HIF-57 board (HKCU2007) between the standard HIF-57 board and the standard HIF-26 board.
- Three rear boards VDA-64A/64B/64C of HKCU1003 cannot be installed simultaneously.

When using VDA-64A/64B/64C simultaneously, use them together with HKCU1001.

Slot on the front side: Board name	Slot on the rear side: Board name	Option name
1: Standard DRX-9 2: DRX-9 3: DRX-9 4: DRX-9 5: Standard RC-105 6: EN-159A	1: Standard HIF-57 2: HIF-57 3: HIF-57 4: HIF-57 5: Standard HIF-26 6: VDA-64A	HKCU2007 x 3 HKCU1001 x 1
1: Standard DRX-9 2: DRX-9 3: DRX-9 4: Standard RC-105 5: EN-159A 6: EN-159A	1: Standard HIF-57 2: HIF-57 3: HIF-57 4: Standard HIF-26 5: VDA-64A 6: VDA-64A	HKCU2007 x 2 HKCU1001 x 2
1: Standard DRX-9 2: DRX-9 3: DRX-9 4: Standard RC-105 5: EN-159A 6: EN-159B	1: Standard HIF-57 2: HIF-57 3: HIF-57 4: Standard HIF-26 5: VDA-64A 6: VDA-64A	HKCU2007 x 2 KCU1001 HKCU1003
1: Standard DRX-9 2: DRX-9 3: DRX-9 4: Standard RC-105 5: EN-159A 6: EN-159B	1: Standard HIF-57 2: HIF-57 3: HIF-57 4: Standard HIF-26 5: VDA-64A 6: VDA-64B	HKCU2007 x 2 HKCU1001 HKCU1003

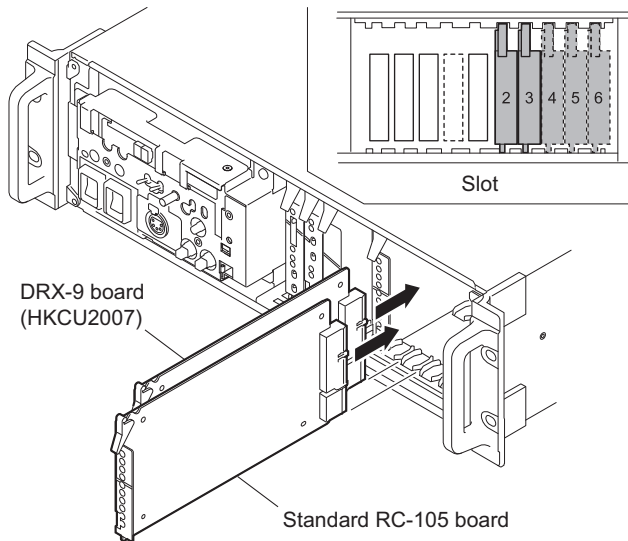
1-12. Installing the Option Board

1-12-1. Front Side (HKCU2007)

1. Remove the front panel. (Refer to “[4-2-1. Removing/Installing the Power Block Assembly \(A10\)](#)”)
2. Shift the standard RC-105 board from slot 2 to slot 3.
3. Insert the DRX-9 board (HKCU2007) into slot 2.

Notes

- Put the board on the groove at the bottom of the slot and then push it straight .
- Check that the board is securely connected to the MB-1180 board.



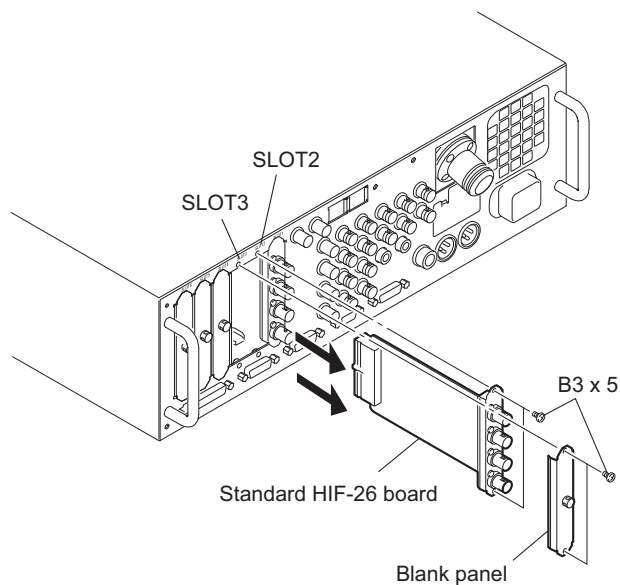
4. When installing two or more optional models, insert option boards into blank slots referring to “[1-11. Option Board Installation Position](#)”.
5. Attach the front panel. (Refer to “[4-2-1. Removing/Installing the Power Block Assembly \(A10\)](#)”)

1-12-2. Rear Side (HKCU2007)

1. Remove the four screws and remove the standard HIF-26 board of slot 2 and the blank panel of slot 3.

Note

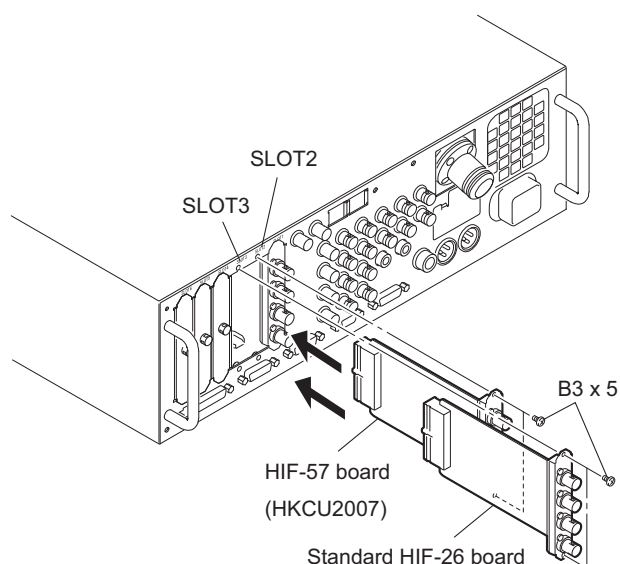
Keep the removed blank panel.



2. Insert the HIF-57 board into (HKCU2007) slot 2 and the standard HIF-26 board into slot 3, and secure them with four screws.

Notes

- Put the board on the groove at the bottom of the slot and then push it straight .
- Check that the board is securely connected to the MB-1180 board.



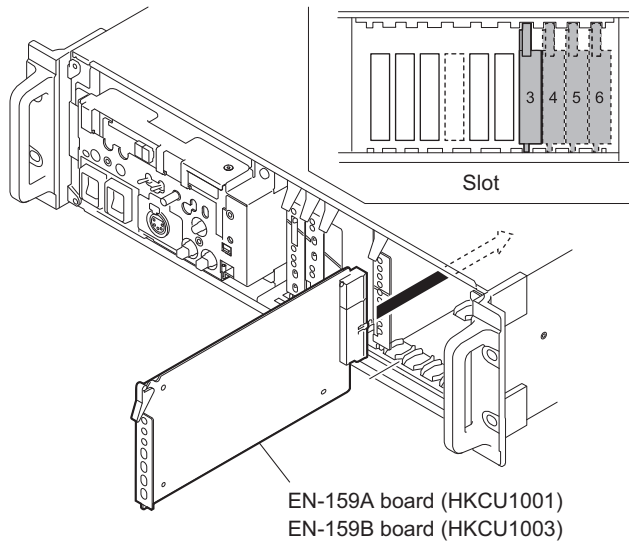
3. When installing two or more optional models, remove blank panels and insert option boards referring to [“1-11. Option Board Installation Position”](#).

1-12-3. Front Side (HKCU1001/1003)

1. Remove the front panel. (Refer to [“4-2-1. Removing/Installing the Power Block Assembly \(A10\)”](#))
2. Insert the EN-159A board or EN-159B board into slot 3.

Notes

- Put the board on the groove at the bottom of the slot and then push it straight .
- Check that the board is securely connected to the MB-1180 board.



3. When installing two or more optional models, insert option boards into blank slots referring to [“1-11. Option Board Installation Position”](#).
4. Attach the front panel. (Refer to [“4-2-1. Removing/Installing the Power Block Assembly \(A10\)”](#))

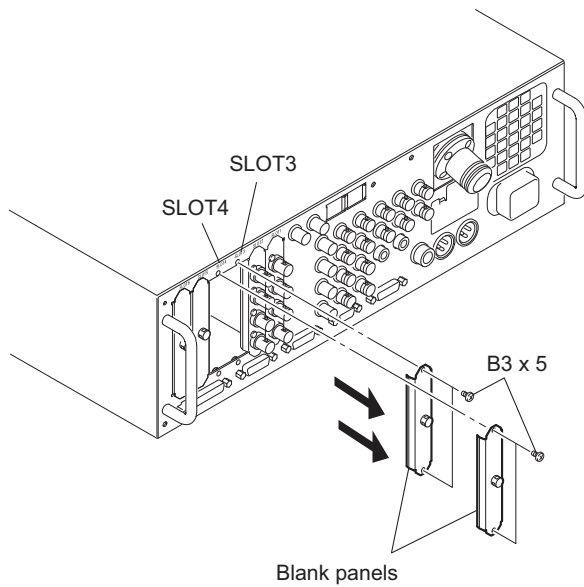
1-12-4. Rear Side (HKCU1001/1003)

1. Remove the two screws and remove the blank panel of slot 3.

Note

Keep the removed blank panel.

2. To install the VDA-64C board, remove the two screws to detach the blank panel from slot 4.

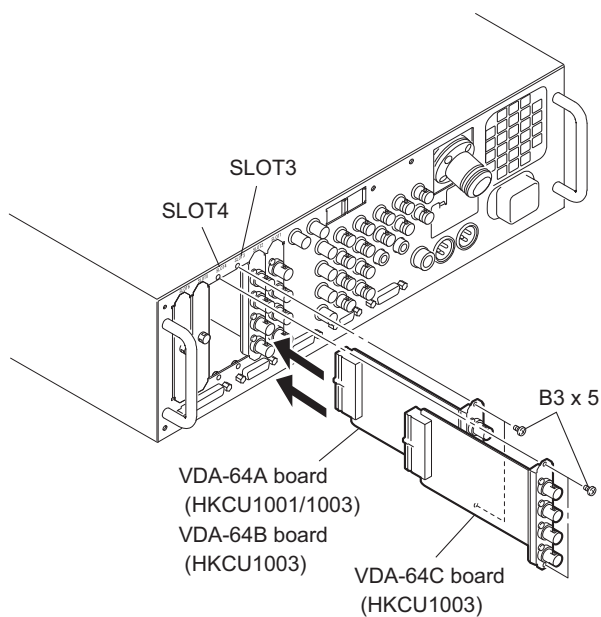


3. Insert the VDA-64A board or VDA-64B board into slot 3 and secure it with two screws.

Notes

- Put the board on the groove at the bottom of the slot and then push it straight .
- Check that the board is securely connected to the MB-1180 board.

4. To install the VDA-64C board, insert it into slot 4 and secure it with two screws.



5. When installing two or more optional models, remove blank panels and insert option boards referring to [“1-11. Option Board Installation Position”](#).

1-13. Writing and Rewriting the PLD Internal Data

This unit uses the PLD (Programmable Logic Device) that supports the e-Production (EPR) system to write and rewrite the internal data.

If the parts listed below need to be replaced or if PLD needs 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, the PLD has only to be replaced and data needs not to be written only.

1-13-1. e-Production System Has the Advantages Shown Below

- To write/rewrite the PLD internal data:
 - The standard fixture (cable) can be used.
 - The standard software (PLD Download Tool) can be used.
- The PLD internal data is controlled in the Sony Database Server under the name Project file (E_XXX_XXX_XX_XX).
- A standard connector (EPR connector) for writing PLD internal data is provided on the board with an indication “EPR” or “EPR2.”

Corresponding PLDs

Board name	PLD Ref No.	EPR connector Ref No. (number of pins)	Project file No.
AT-167A	IC601 ^{*1} , IC603	CN601 (8 pins)	E_000_001_93_XX
AVP-15	IC901, IC918 ^{*2}	CN3 (10 pins)	E_000_005_27_XX
DTX-9	IC1 ^{*3} , IC806	CN801 (10 pins)	E_000_005_28_XX
DRX-9	IC301 ^{*4} , IC326	CN3 (10 pins)	E_000_005_29_XX
RC-105	IC301 ^{*5} , IC326	CN3 (10 pins)	E_000_005_30_XX
SDP-17 ^{*6}	IC1 ^{*7} , IC601	CN600 (10 pins)	E_000_005_26_XX
EN-159A/159B (HKCU1001/1003)	IC210, IC501, IC502 ^{*8} , IC504 ^{*8}	CN501 (8 pins)	E_000_001_98_XX

Note

After having written or rewritten the data in the PLD of the SDP-17 board via the AVP-15 board, turn off switch S1-8 on the AVP-15 board.

*1: IC601/AT-167A is a ROM for IC603/AT-167A.

*2: IC918/AVP-15 is a ROM for IC901/AVP-15.

*3: IC1/DTX-9 is a ROM for IC806 DTX-9.

*4: IC301/DRX-9 is a ROM for IC326/DRX-9.

*5: IC301/RC-105 is a ROM for IC326/ RC-105.

*6: The data in the PLD of the SDP-17 board can also be written or rewritten via the AVP-15 board. Turn on switch S1-8 on the AVP-15 board.

*7: IC1/SDP-17 is a ROM for IC601/SDP-17.

*8: IC502, IC504/EN-159A/159B is a ROM for IC210, IC501/EN-159A/159B.

Equipment required

Name	Part No.	Usage/Note
PLD download tool	J-7120-220-A	Cable connecting between PC and this unit (8 pins)
PC	—	A PC having USB port. A PC in which the PLD Download Tool software is already installed. For the applicable OS and the operating environment, refer to “Download Tool Operating Instruction for Device Programming”.

Data writing procedure

Data writing procedure in the PLD (or ROM for PLD) is outlined below.

For details of data writing procedure, refer to “Download Tool Operating Instruction for Device Programming”, which is available in the same site where the PLD Download Tool software is available.

1. Prepare the Project file.

Note

Download the Project file from the Sony Database Server.

2. Turn off the power of this unit.
3. Extend the board on which the PLD data is to be written or rewritten using the extension board.
4. Connect the PC parallel port to the EPR connector of the target board using the PLD download tool (cable).
5. Turn on the power of this unit.
6. Start the PLD Download Tool software and read the Project file.
7. Program the PLD (or ROM for PLD) with the PLD Download Tool software.
8. Upon completion of programming, check that error message is not displayed. Turn off the power of this unit and back on.
9. Check that the PLD version is correct on the status display of the menu. (Refer to “[3-2. Status Display](#)”)

1-14. Circuit Protective Devices

1-14-1. Fuse

WARNING

The fuse is critical parts to safe operation. Replace the components with Sony parts whose part number appear in the manual published by Sony. If the components are replaced by any parts other than the specified ones, this may cause a fire or electric shock.

CAUTION

If fuse is replaced while the main power is kept on, this may cause electric shock. Before replacing fuse, not only turn off the POWER switch but also remove the power cable that is connected to the Optical/electrical connector.

This unit is equipped with fuse. Any an excessive current flow due to abnormality inside the equipment, the fuse blow. If a fuse blows, turn off the main power of the equipment once and inspect inside of the equipment and remove the cause of excessive current. After that, replace the fuse.

Board name	Ref. No.	Address	Name	Part No,
PS-780	F101	G3 (Side A)	Fuse (10 A /250 V)	△ 1-523-152-11
	F102	G3 (Side A)		

1-14-2. Thermistor

This unit is provided with a positive coefficient thermistor (for power supply) as a circuit protective device. If an over current flows in a positive coefficient thermistor or it heats up to a certain degree with the increase of the ambient temperature, its internal resistance increases sharply to limit the current flowing in the circuit. When a thermistor is activated, turn off the power and check the circuit of the unit.

After the cause of the problem is removed and the device cools down, turn on the power again. The unit will work normally.

It takes about one minute for the device to cool down after power-off.

Board	Ref. No.	Address	Part No,
AT-167A	THP1	H1 (Side A)	△ 1-533-817-21
	THP2	H1 (Side A)	
	THP3	C1 (Side A)	△ 1-804-458-21
	THP4	C1 (Side A)	
	THP101	C3 (Side A)	△ 1-803-353-21
AVP-15	THP101	H4 (Side A)	△ 1-803-615-21
	THP102	H4 (Side A)	
	THP103	H2 (Side A)	△ 1-804-616-21
	THP104	H2 (Side A)	
	THP105	H3 (Side A)	

Continued

Board	Ref. No.	Address	Part No,
DTX-9	THP101	D1 (Side B)	△ 1-533-817-21
	THP102	D1 (Side B)	
	THP103	B1 (Side B)	
	THP104	B1 (Side B)	
	THP105	C1 (Side A)	△ 1-804-616-21
	THP106	C1 (Side A)	
	THP107	C1 (Side A)	
DRX-9	THP1	F1 (Side A)	△ 1-804-616-21
	THP2	E1 (Side B)	
	THP3	E4 (Side A)	
	THP5	E1 (Side A)	
	THP20	B2 (Side A)	
	THP21	B2 (Side A)	
	THP40	B2 (Side A)	
	THP41	B2 (Side A)	
	THP60	B3 (Side A)	
RC-105	THP1	D1 (Side A)	△ 1-804-616-21
	THP2	C1 (Side A)	
	THP3	E1 (Side A)	
	THP4	D4 (Side A)	
	THP5	D1 (Side A)	
	THP6	D4 (Side A)	
	THP40	B4 (Side A)	
	THP41	C4 (Side A)	
	THP60	C4 (Side A)	
SDI-98	THP1	A1 (Side A)	△ 1-804-616-21
	THP2	A2 (Side A)	
SDP-17	THP100	B1 (Side B)	△ 1-804-616-21
	THP101	B1 (Side B)	
	THP102	C1 (Side B)	
	THP103	C1 (Side B)	
	THP104	C1 (Side B)	
	THP105	D1 (Side B)	
	THP106	B1 (Side A)	
	THP107	D2 (Side A)	
	THP108	D2 (Side A)	
	THP109	D1 (Side B)	
VIF-52	THP1	A2 (Side B)	△ 1-804-458-21
	THP2	A2 (Side B)	
	THP3	C1 (Side B)	△ 1-803-615-21
	THP4	A2 (Side B)	
	THP5	A2 (Side B)	
	THP6	A1 (Side A)	△ 1-804-458-21

Continued

Board	Ref. No.	Address	Part No,
EN-159A/159B	THP1	B4 (Side A)	△ 1-533-817-21
	THP2	C4 (Side A)	
	THP3	H4 (Side A)	
	THP4	J1 (Side A)	
	THP5	H5 (Side A)	
	THP6	H4 (Side A)	△ 1-803-615-21
	THP7	H4 (Side A)	

1-15. Cleaning of Connector/Cable

The photo receptive condition of the optical connector can be checked at OPTICAL CONDITION of the DTX board of this unit.

- When lit in green: Normal (–16 dBm or above)
- When lit in yellow: Normal (–16 to –19 dBm)
- When lit in red: Abnormal (Less than –19 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 HDCU. In the case of attenuation, be sure to clean optical contact portions proceeding as follows.

The optical contact portions exist in the optical connector on this unit or HDC, and in the optical/electrical cables.

1-15-1. When the Optical Connector Cleaner (Commercially Available) is Available

Cleaning of Optical connector /Cable

Tools required

- Optical connector cleaner (commercially available)

Product name: CLETOP® stick type

14100402 or 14100403 or equivalent

14100402: 2.0 mm

14100403: 2.0/2.5 mm double ended

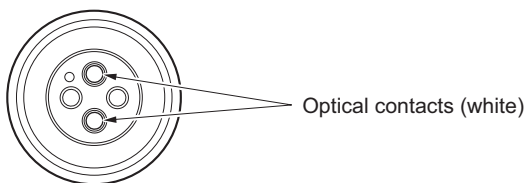
Note

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

Cleaning procedure

[Male connector]

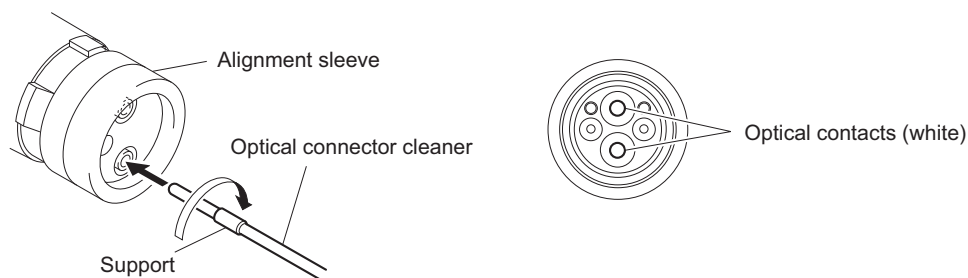
Clean the tip of the white optical contacts using the optical connector cleaner.



[Female connector]

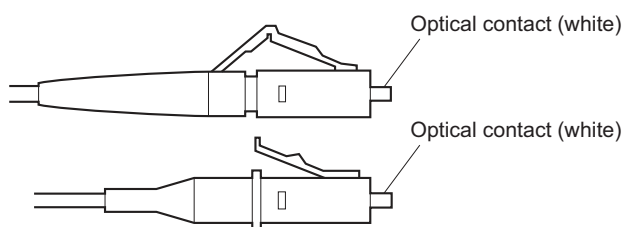
1. Insert the optical connector cleaner straight. Ensure that it is held straight when inserting.
2. Apply sufficient pressure (approximately 600 g to 700 g) to ensure that the optical contact is a little depressed.

- While pressing the optical connector cleaner against the tip of the white 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.



[LC type connector]

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



1-15-2. When the Optical Connector Cleaner (Commercially Available) is not Available

Cleaning connectors/cables of LEMO

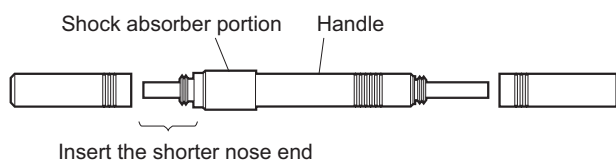
Clean the LEMO connectors and cables using the following procedure.

Tools required

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

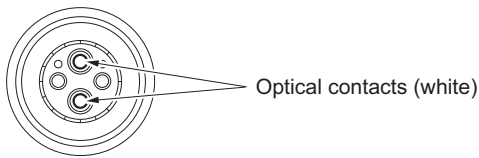
Note

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]

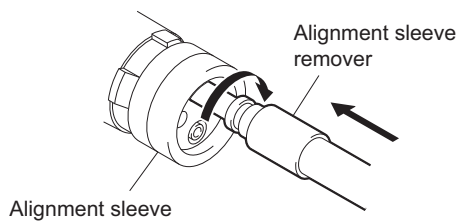
Clean the tip of the white optical contacts with a cotton swab moistened with alcohol.



[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 P/N 9-980-074-01)

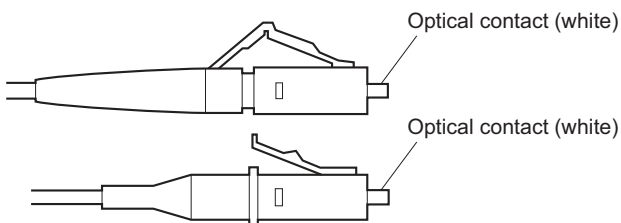
3. Clean the tip of the white optical contacts with a cotton swab moistened with alcohol.



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.

[LC type connector]

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



Cleaning connectors/cables of 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)

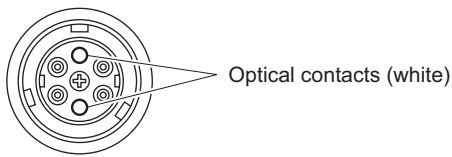
Note

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]

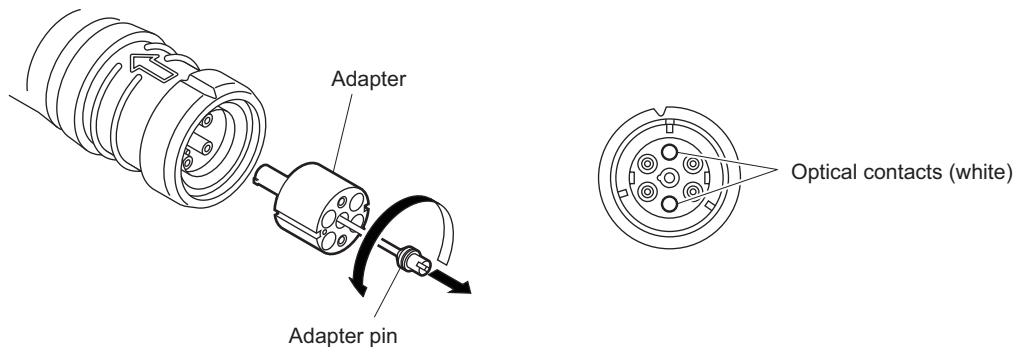
The optical contacts for female connector are in an unexposed state. In cleaning, it is necessary to be exposed by removing the adapter in the connector in advance. Proceed as follows.

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.

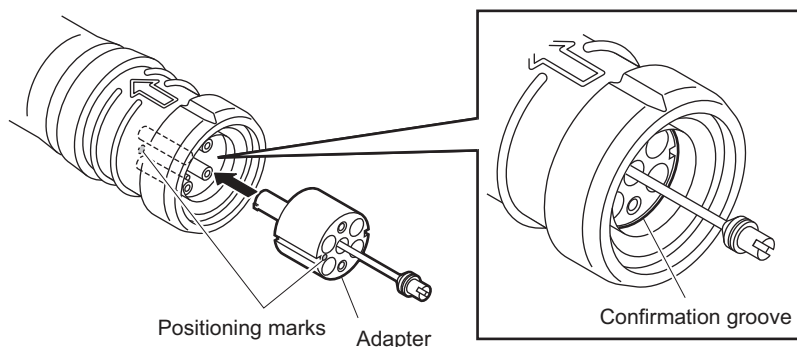
2. Pull the adapter pin out of the connector in the arrow direction.
3. Clean the white optical contacts with a cotton swab moistened with alcohol.



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.



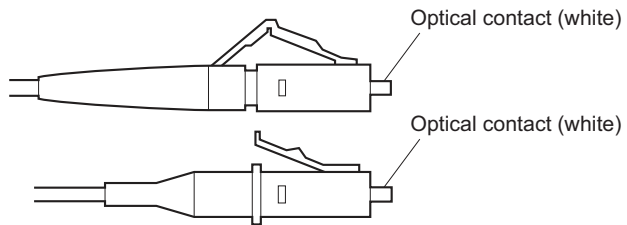
5. Tighten the adapter pin clockwise until you feel that it is fixed to some extent.

Note

Do not fully tighten the adapter pin.

[LC type connector]

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



1-16. Circuit Description

1-16-1. Front Boards

AT-167A board

The AT-167A board has the built-in microprocessor (SH2-DSP). It controls various circuit boards inside this unit and the power supply. It also performs the system setup including a camera.

The board performs command communication with a camera, and with RCP, MSU, or CNU.

Also, it enables Ethernet connection by the Ethernet controller with the built-in microprocessor.

It has the built-in signal generator circuit generating HD and SD. This signal generator circuit establishes gen-lock with external (main) reference and also gen-lock between HD and SD. It controls phase of all video signal outputs.

It has the sync output of one channel enabling to switch between the HD ternary value sync signal and the SD sync signal.

AVP-15 board

The AVP-15 board processes the audio signal, tally, and trunk line. It has the following functions.

- D/A-converts and outputs the MIC signals supplied from the camera in digital format.
- A/D converts the intercom signals (ENG/PROD/PGM/Front-Intercom) input to this unit.
- Inputs the intercom signals sent from the camera in digital format and the A/D-converted audio signals of this unit to the digital mix IC, and performs line selection, mixing, and volume control.
- D/A converts the signals processed at the digital mix IC, and outputs it to external circuits.
- R/G/Y tally signal I/F
- Trunk line (RS-232C/422A) I/F

DTX-9 board

The DTX-9 board processes the return signals and the prompter signals.

This board can handle the 3G-SDI /HD-SDI/SD-SDI/VBS signals as return signals, and convert them to the specified signals and send them back to the camera.

- Phase adjustment is performed on the 3G/ HD-SDI signal.
- The SD-SDI signal is up-converted to the pseudo-HD signal and its signal phase is adjusted.
- The VBS signal is converted to the digital signal equivalent to the SD-Digital-Component signal, and processed in the same way as the SD-SDI signal. The signal also has the Frame conversion function and performs reverse conversion (from 60 i to 24 PsF) according to the mainline system.

The signal input as a prompter is A/D-converted, embedded to the return signal and then sent to the camera.

DRX-9 board

The DRX-9 board processes the main-line signals from the camera.

- Phase adjustment and re-clocking using line memory
- Frame conversion (2-3 Pull Down) function as necessary
- Down-conversion function as necessary
- Has the built-in 3G/HD signal color bar generator and supports multiple formats
- Matches the MIC signal from the camera to the delay of the video signal, and then multiplexes it to the SDI signal.

RC-105 board

The RC-105 board processes the main-line signals from the camera.

- Phase adjustment and re-clocking using line memory
- Frame conversion (2-3 Pull Down) function as necessary
- SD down-conversion function
- Has the built-in HD/SD signal color bar generator and supports multiple formats
- Matches the MIC signal from the camera to the delay of the video signal, and then multiplexes it to the SDI signal.
- Analog character output

AU-339 board

The AU-339 board is an interface to the front INTERCOM connector, and has the intercom control switch and indicators.

1-16-2. Rear Boards

SDP-17 board

The SDP-17 board processes main-channel signals sent from the camera, HD TRUNK video signals, return signals to the camera, and the HD PROMPTER signal.

This board converts the main-channel serial optical signal sent from the camera from optical to electrical signal and from serial to parallel signal. Then, this board separates the digital audio signal and the commands multiplexed with the main-channel signal Link A, and sends the main-channel video signal to the DRX-9 or RC-105 board in slot 1, the digital audio signal to the AVP-15 board, and commands to the AT-167A board.

Also, the return video signal is sent from the DTX-9 board, the digital audio signal from the AVP-15 board, and commands from the AT-167A board. Then this board multiplexes the digital audio signal and the commands with the return video signal. Furthermore, the return signal and the HD PROMPTER signal are multiplexed. The multiplexed signal is converted from parallel to serial signal and from electrical to optical signal, and sent to the camera as the serial optical signal.

HIF-26 board

The HIF-26 board has the co-axial connector for outputting the HD/SD-SDI signals to external devices.

The board outputs two systems of the main-line system HD/SD-SDI signal sent from the DRX-9 board, and outputs two systems of the monitor-system HD/SD-SDI signal.

HIF-57 board

The HIF-57 board has the co-axial connector for outputting the 3G-SDI/HD-SD signals to external devices.

The board outputs two systems of the main-line system 3G-SDI/HD-SD signal sent from the DRX-9 board, and outputs two systems of the monitor-system 3G-SDI/HD-SD signal.

SDI-98 board

The SDI-98 board inputs the return signals of HD-SDI from external devices.

The board has four systems of the return input of the HD-SDI signal, which are selected and then sent to the DTX-9 board.

VIF-52 board

I/F board that connects each connector on the rear panel

- I/F of MIC REMOTE, WFM REMOTE, and I/O PORT of the D-Sub 15 pin connector
- SYNC output, CHARACTER output
- Retains serial numbers in EEPROM.

ADO-12 board

Relay board between the AVP-15 board and the rear panel connector

- INCOM/MIC/PGM
- TRUNK LINE
- AES/EBU

1-16-3. HKCU2007

DRX-9 board

The DRX-9 board processes the main-line signals from the camera.

- Phase adjustment and re-clocking using line memory
- Frame conversion (2-3 Pull Down) function as necessary
- Down-conversion function as necessary
- Has the built-in 3G/HD signal color bar generator and supports multiple formats
- Matches the MIC signal from the camera to the delay of the video signal, and then multiplexes it to the SDI signal.

HIF-57 board

The HIF-57 board has the co-axial connector for outputting the 3G-SDI/HD-SD signals to external devices.

The board outputs two systems of the main-line system 3G-SDI/HD-SD signal sent from the DRX-9 board, and outputs two systems of the monitor-system 3G-SDI/HD-SD signal.

1-16-4. HKCU1001

The HKCU1001 only supports the basic functions of VBS OUT, PIX OUT, and WFM OUT.

EN-159A board

The EN-159A board receives 8:4:4 component digital signal from the DRX-9 board, and outputs the main-line system SD analog composite signals (VBS, PIX, and WFM signals). The board is equipped with the external synchronous circuit of the reference SC (sub carrier) of SD, and the composite signal whose external SC is locked can be output. There also is a through-path of the 8:4:4 component digital signal to the EN-159B board.

VDA-64A board

The VDA-64A board outputs the SD analog signals (VBS, PIX, and WFM signals) to external devices.

1-16-5. HKCU1003

In addition to the functions of the HKCU1001, the HKCU1003 supports full functions including COMPONENT OUT, and SUB REF.

EN-159B board

In addition to the functions of the EN-159A board, the EN-159B board receives the 8:4:4 component digital signal from the DRX-9 board or EN-159A board, and outputs the SD analog component signal.

Other than that, the board is equipped with the synchronous circuit of the sub reference signal, and the output of the staircase signal for the WFM sequential display.

VDA-64A board

Same as the HKCU1001.

Insert this board to the rear side of the slot that has the EN-159B board inserted in its front side. The VDA-64A and 64B boards cannot be inserted simultaneously.

VDA-64B board

The VDA-64B board is used to output the SD analog signals (PIX, WFM signals), and to input or output Frame_ Reference to external devices.

Insert this board to the rear side of the slot that has the EN-159B board inserted in its front side. The VDA-64A and 64B boards cannot be inserted simultaneously.

VDA-64C board

The VDA-64C board outputs the SD analog signals (VBS, component signals) to external devices.

Insert this board into the slot next (signal downstream) to the one whose front side has the EN-159B board. The front side of the slot should not have any board inserted.

1-17. Mounting the Unit in a 19-Inch Rack

This unit can be mounted in a 19-inch EIA standard rack. (height: 3U)

WARNING

- Secure the rack to the floor.
If the rack falls due to the weight of equipment, it may result in death or serious injury.
Secure the rack to the floor without fail to prevent it from falling or moving.
- Do not mount the unit at a floor height of more than 1 m.
Fall of the rack may result in death or serious injury.
Mount the unit in the rack that is secured to the floor at a floor height within about 1 m.

Preparations

CAUTION

Be sure to use specified rack-mount rails.

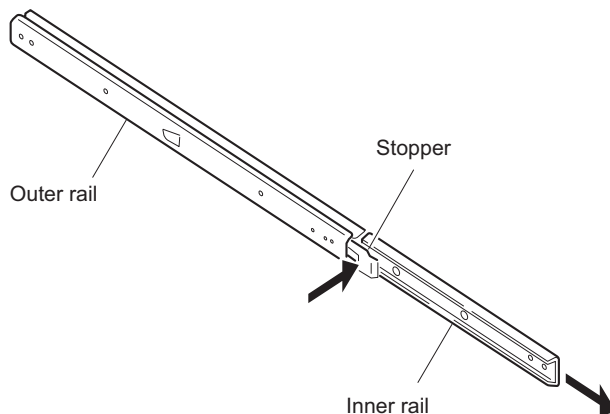
If unspecified rack-mount rails are used, the equipment in the rack may fall due to insufficient strength, which may result in injury.

Manufacturer: Accuride Japan

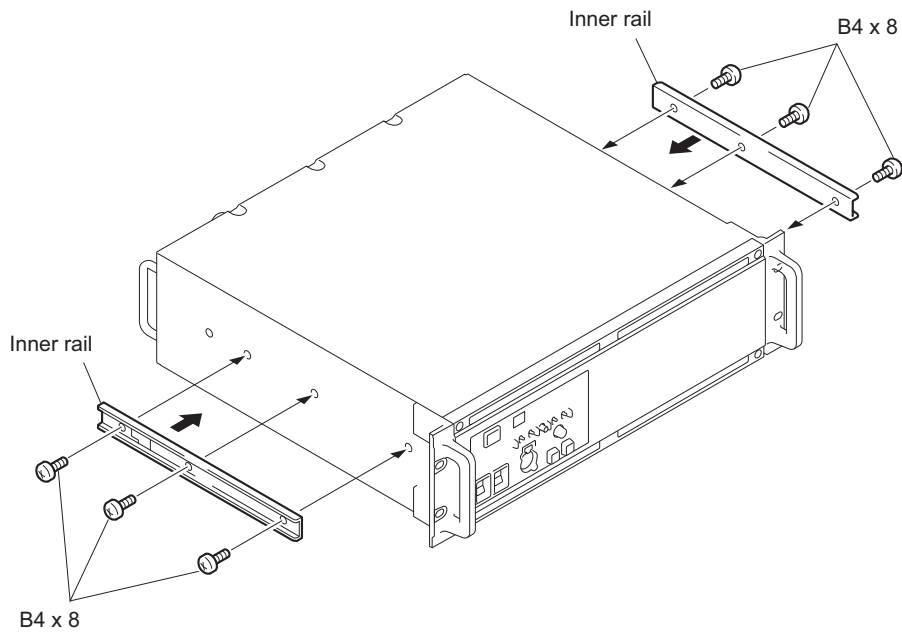
- Slide rail: 1 set
Accuride Model 305A-18 (457 mm)
- Front bracket: 2 pcs
Sony Part No.: 2-142-214-01
- Rear bracket: 2 pcs
Sony Part No.: 2-142-215-01
- Screw (B4 x 8) : 14 pcs
- Screw (B5 x 8) : 8 pcs
- Plate nut: 2 pcs
Sony Part No.: 3-651-812-00
- Screws for rack mounting (RK5 x 14) : 4 pcs
- Washers for rack mounting: 4 pcs
Sony Part No. 2-297-913-01

1-17-1. Mounting the Unit in the Rack

1. Pull out the inner rail while pressing the rail stopper.



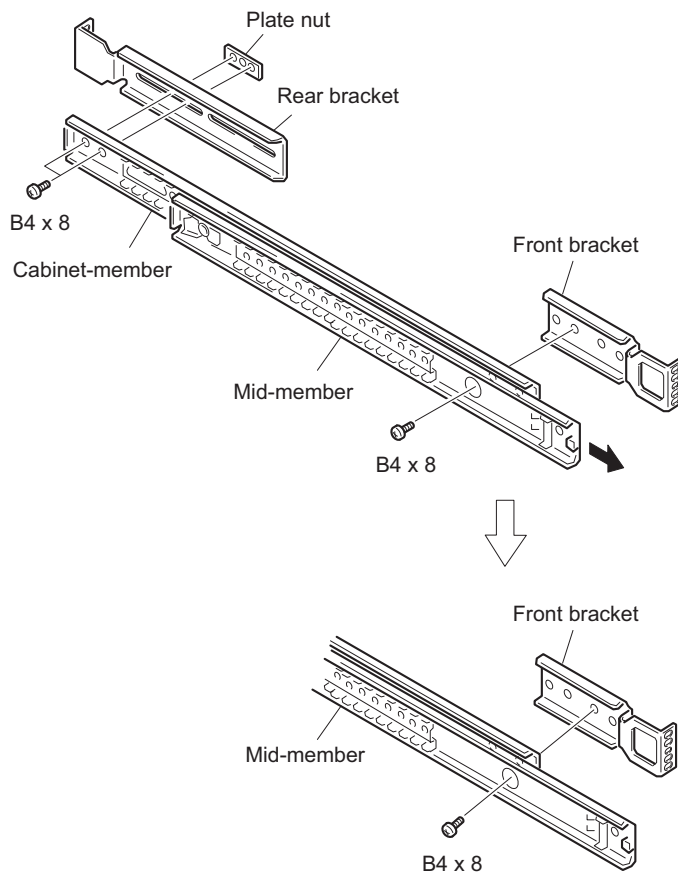
2. Install the inner rail to the unit with six screws.



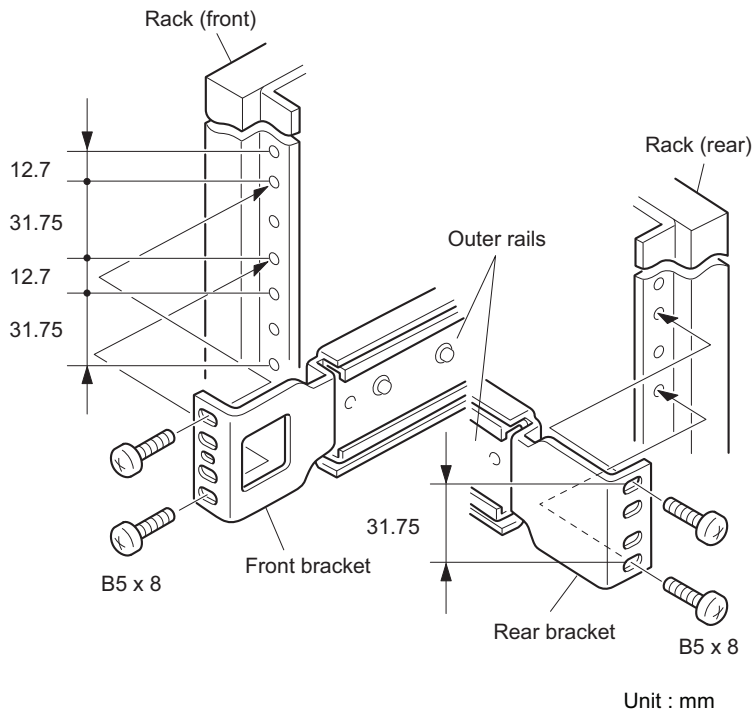
3. Attach the front and rear brackets to the outer rail with eight screws.

Notes

- When attaching the front bracket, slide the middle member to the position where the screw hole in the cabinet member is visible from the hole in the middle member shown in the figure.
- When attaching the rear bracket, adjust the bracket position according to the depth of the rack.



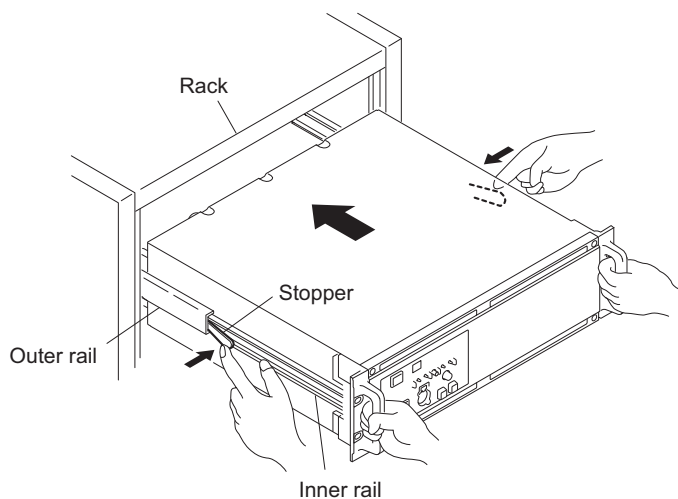
4. Attach the front and rear brackets to the outside of the rack temporarily using the eight screws.



5. Set the unit in the rack while pressing the inner rail stopper into the outer rail as far as it will go.

CAUTION

- Mount the unit by two persons or more.
A one-man job may cause injury.
- If you forget to fasten the screws of the rack angle, the unit may slip and fall, causing injury. After rack mounting, be sure to fasten the screws.
- When setting and drawing the mounted unit, be careful not to catch your fingers by the rails.
- If balance is lost when mounting and removing the unit, it may fall, resulting in injury. Mount or remove the unit carefully maintaining a stable posture.

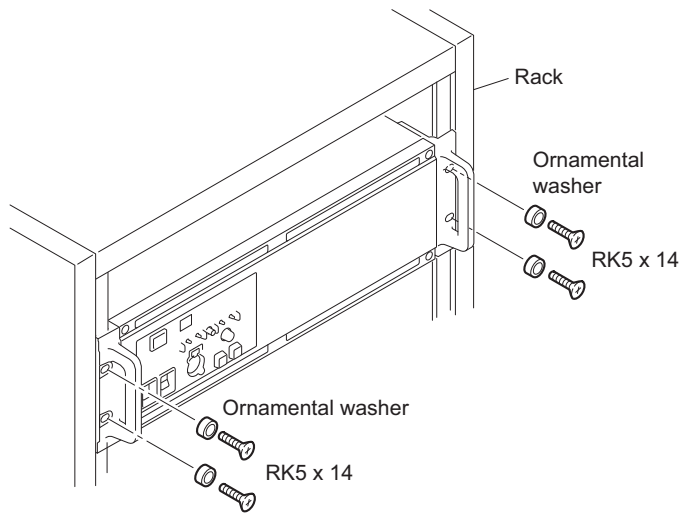


6. After confirming that the unit can be moved smoothly, tighten the screws secured temporarily in the step 4.

Note

When securing the front brackets to the rack by screws, pull the unit out of the rack about 20 cm (8 inches), and fasten the screws of the front brackets to the rack.

7. After installing the unit in the rack, fix the unit to the rack using the four screws and four ornamental washers.



1-18. 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

System Setup

2-1. System Connection

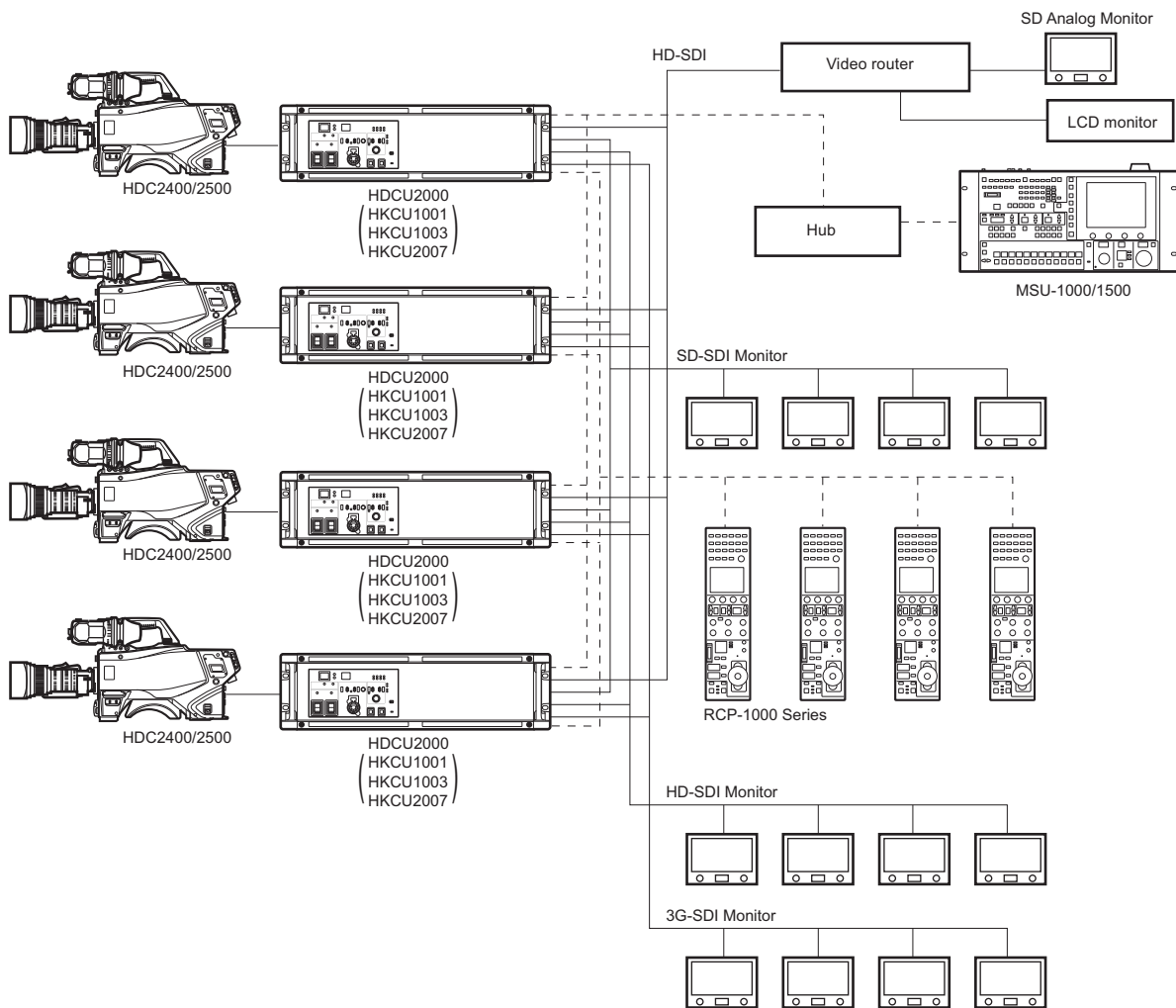
This unit can support input and output of multiple formats. It can also support various types of user's format by installing the optional circuit boards. The slots to be used and the switch setting on each board vary depending on the system to be used.

Note

Regarding the installation of the optional boards, refer to [“1-11. Option Board Installation Position”](#).

Model name	Function	Board name (slot on the front side)	Board name (slot on the rear side)
HKCU1001 SD Analog Interface Unit	• Composite video signal output	EN-159A	VDA-64A
HKCU1003 MULTI Interface Unit	• Composite video signal output • Frame reference input/output • Component video signal output	EN-159B	VDA-64A VDA-64B VDA-64C
HKCU2007 3G/HD SDI OUTPUT EX- PANSION UNIT	• 3G-SDI/HD-SDI Output	DRX-9	HIF-57

2-1-1. Example of Connection



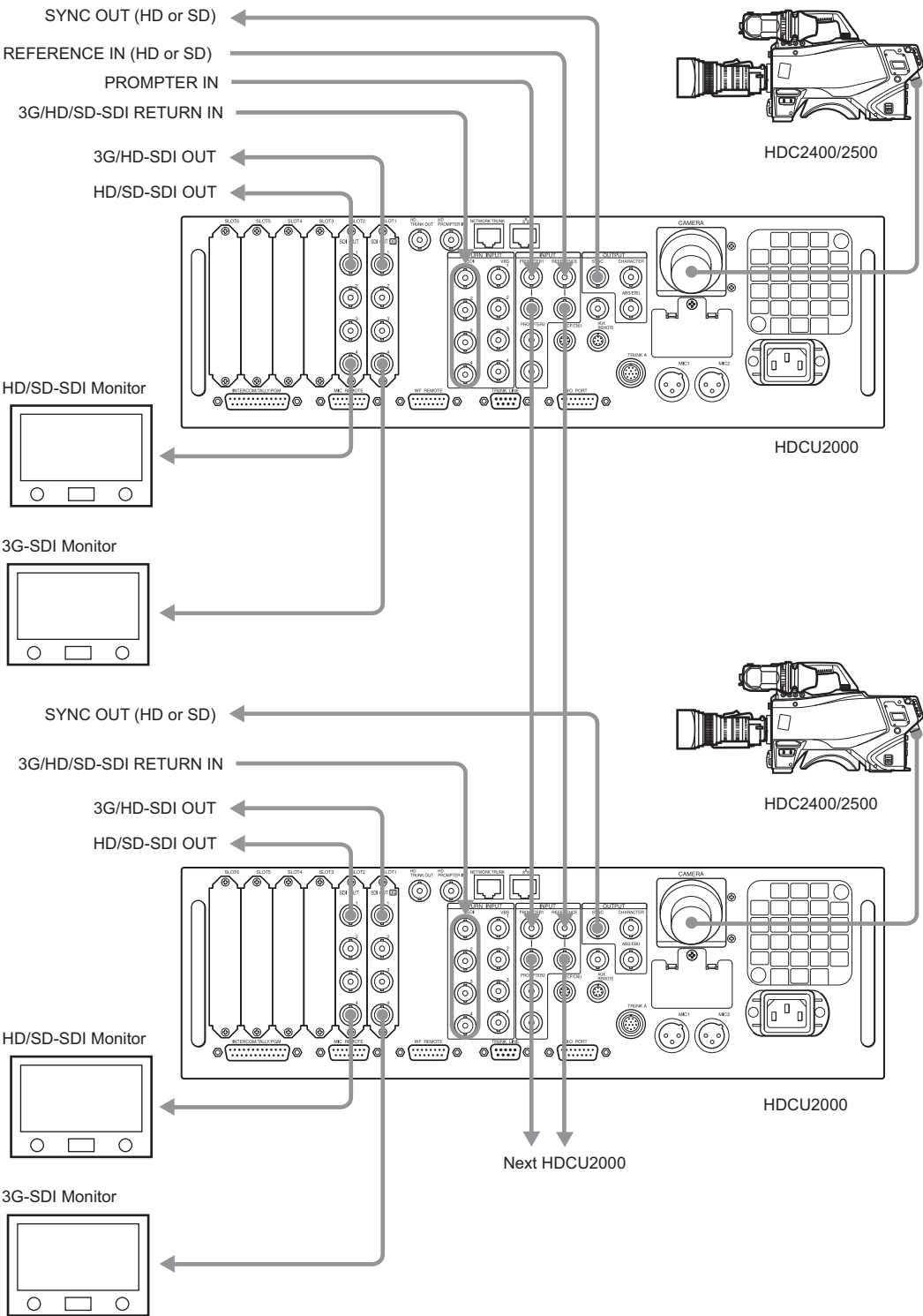
Example of board combinations

System configuration	Slot on the front side: Board name	Slot on the rear side: Board name
Standard 3G/HD/SD system	1 : DRX-9 2 : RC-105 3 : — 4 : — 5 : — 6 : —	1 : HIF-57 2 : HIF-26 3 : — 4 : — 5 : — 6 : —
Standard 3G/HD/SD system + SD analog encoder (HKCU1001) [SD analog I/F added (VBS, PIX, and WF output)]	1 : DRX-9 2 : RC-105 3 : EN-159A 4 : — 5 : — 6 : —	1 : HIF-57 2 : HIF-26 3 : VDA-64A 4 : — 5 : — 6 : —
Standard 3G/HD/SD system + 3G signal interface + Multi interface (HKCU2007/1003) [3G/HD-SDI + Analog NTSC/PAL added]	1 : DRX-9 2 : DRX-9 3 : RC-105 4 : EN-159B 5 : — 6 : —	1 : HIF-57 2 : HIF-57 3 : HIF-26 4 : VDA-64B 5 : — 6 : —

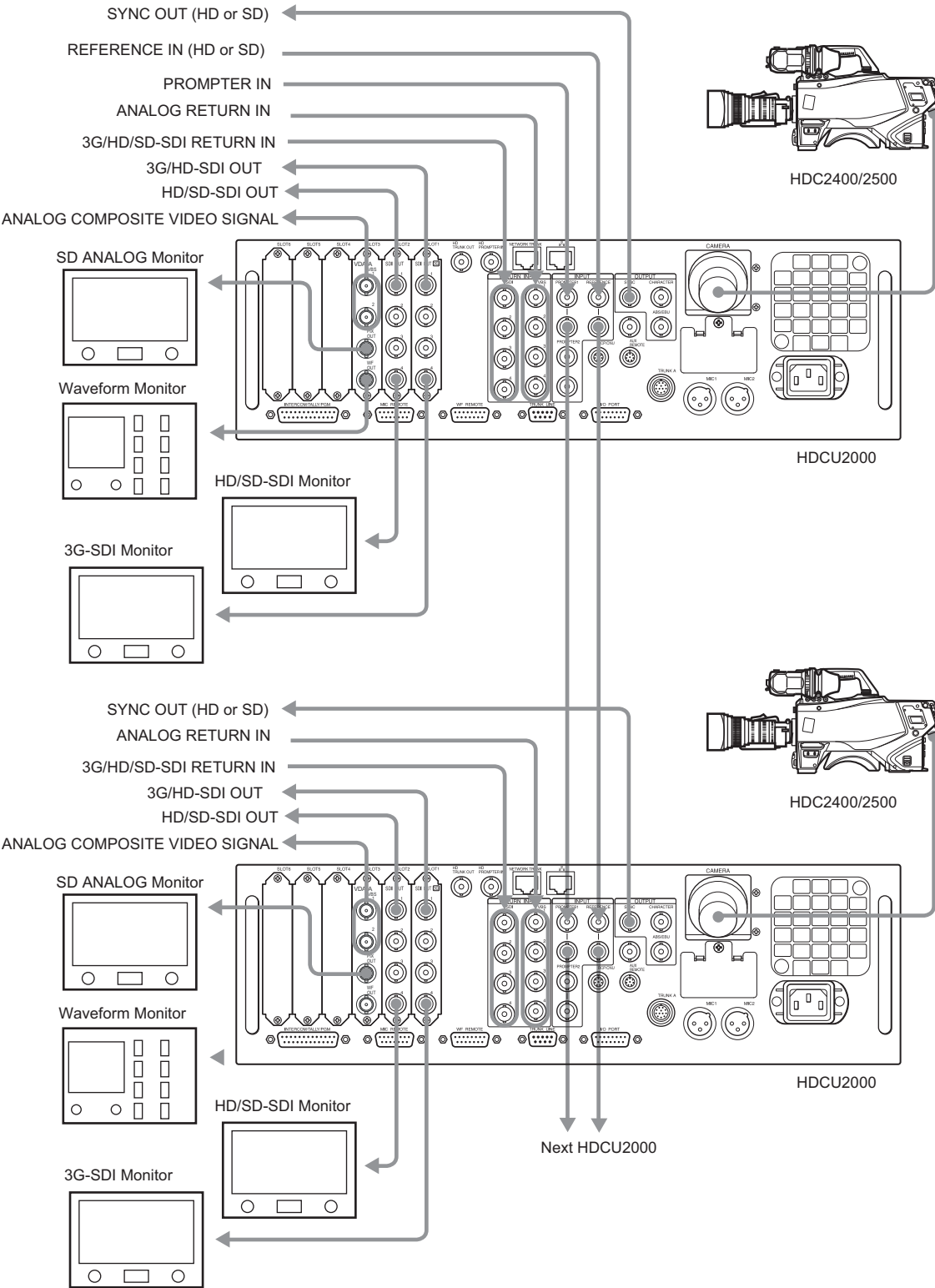
Continued

System configuration	Slot on the front side: Board name	Slot on the rear side: Board name
Standard 3G/HD/SD system + Multi interface (HKCU1003) [Analog NTSC/PAL system added]	1 : DRX-9 2 : RC-105 3 : EN-159B 4 : — 5 : — 6 : —	1 : HIF-57 2 : HIF-26 3 : VDA-64A 4 : VDA-64C 5 : — 6 : —

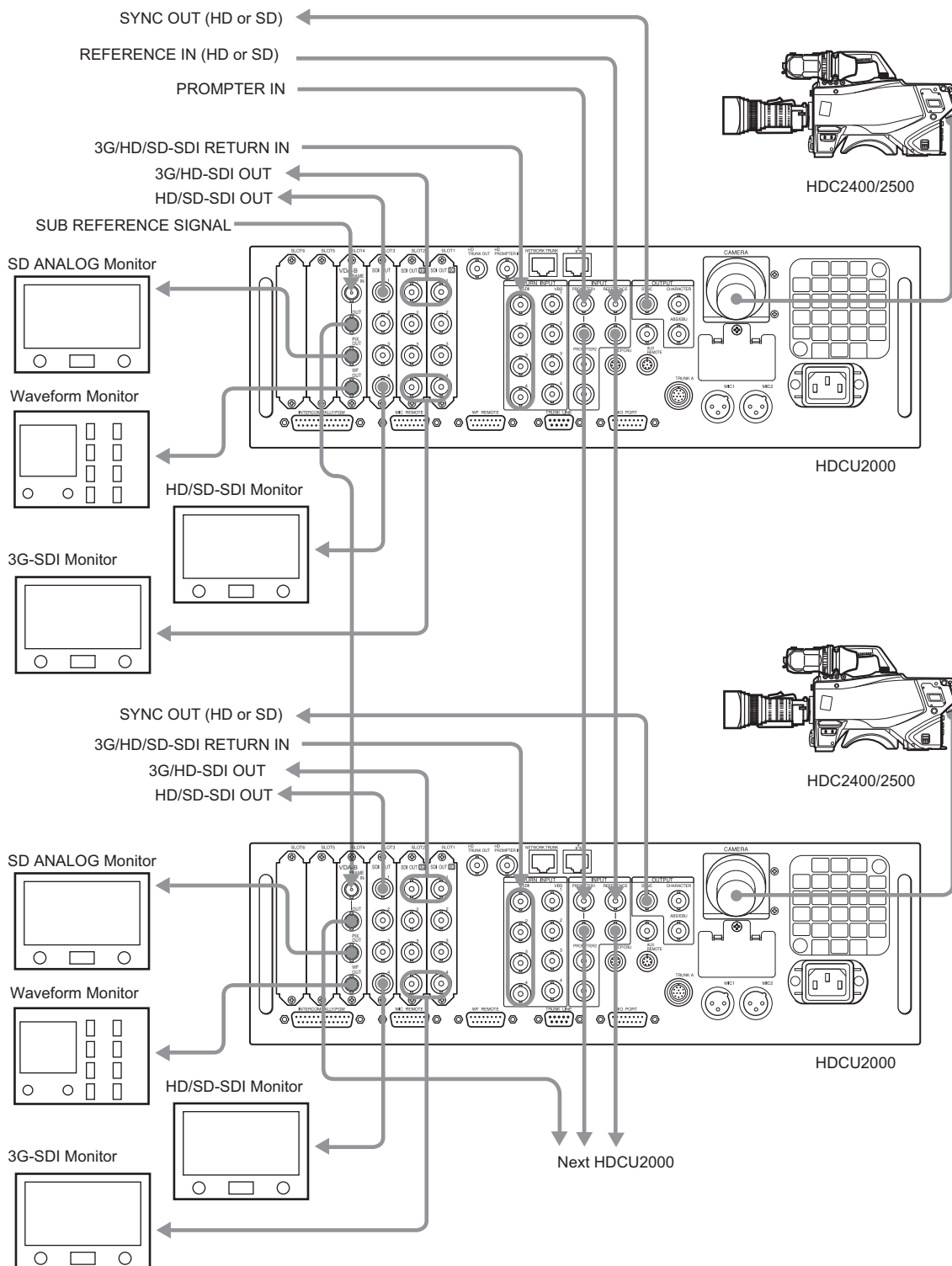
2-1-2. Standard 3G/HD/SD System



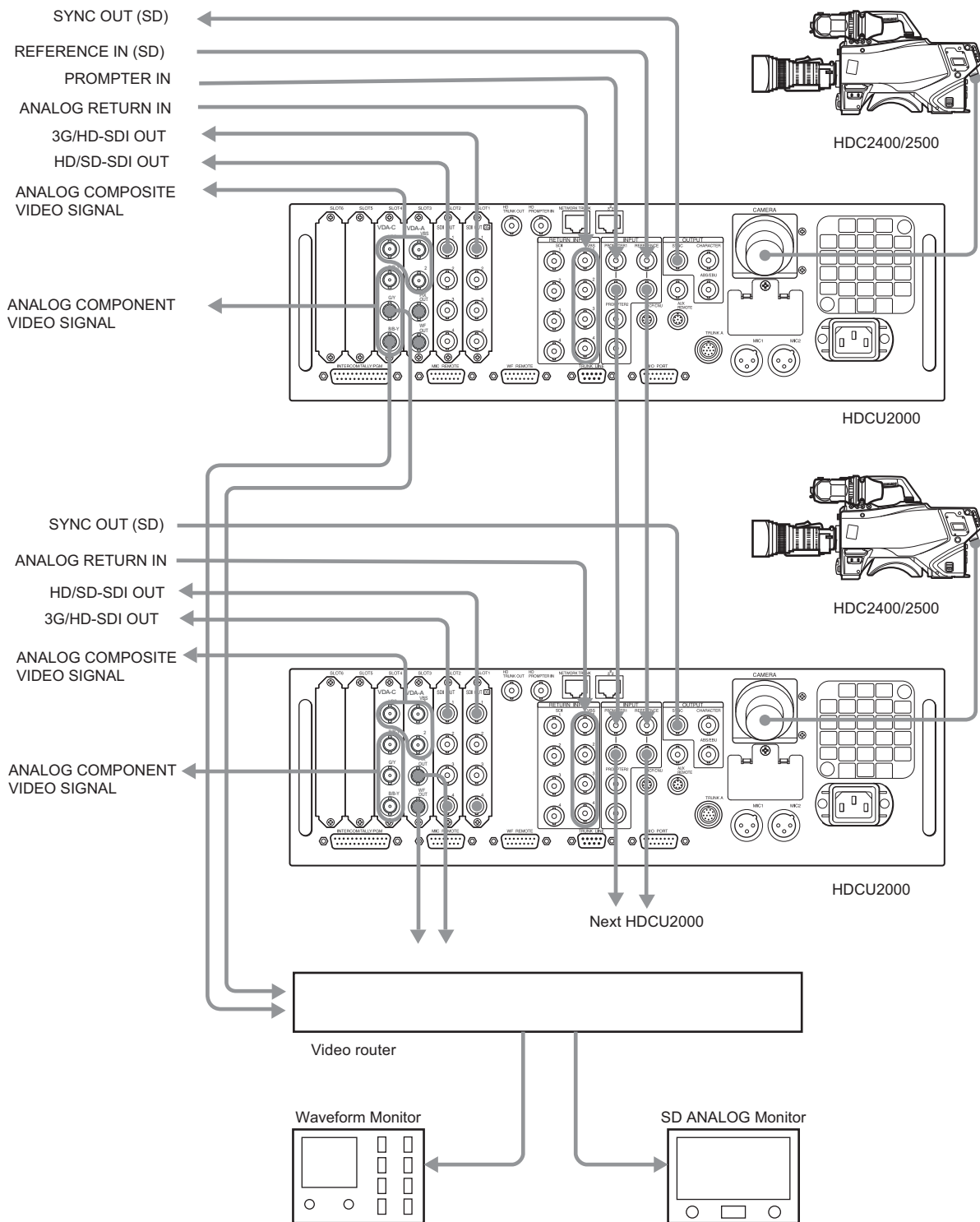
2-1-3. Standard 3G/HD/SD System with SD Analog Encoder (HKCU1001)



2-1-4. Standard 3G/HD/SD System with 3G Signal Interface and Multi Interface (HKCU2007/1003)



2-1-5. Standard 3G/HD/SD System with Multi Interface (HKCU1003)



2-2. Setting the System Formats

2-2-1. Setting the Multi-Format

Sets the format of the signal that is output from the unit.

Normally the format is set from the MSU connected outside or from MULTI FORMAT (S03) of the SYSTEM OPERATION menu in this unit.

Setting the HD-SDI Output

Sets the format of the signal that is output as the HD-SDI signal. At the same time, this setting becomes the shooting mode of the camera.

2-2-2. Setting the Reference Input

Normally the format is set from the MSU connected outside or from GENLOCK PHASE (S02) of the SYSTEM OPERATION menu in this unit.

Inputting the Sub Reference Signal (When the VDA-64B Board/ HKCU1003 is Installed)

When the EN-159B board and VDA-64B board of the HKCU1003 are installed in the optional slots, the sub reference signal is input and the frame sequences of the 24PsF signal and the 60i signal can be locked.

Input the frame frequency signal that is different from the main reference signal for the sub reference signal.

Note

When the sub reference signal is not input, the pulse gate signal of the frame sync is output from the loop-through output terminal.

The frame sequence between multiple CCUs can be locked if you connect this signal to the sub reference input of other CCUs.

2-3. Audio System

2-3-1. Setting the Intercom System

Two independent intercom lines (producer line and engineer line) are selectable and available in this unit. This unit supports 4 WIRE, RTS, and Clear-Com intercom systems. Make settings of the menus according to the system to be used.

Selecting Intercom System

Select an intercom system (4WIRE, RTS or CLEAR COM) for each of the engineer line and producer line according to the system to be used. Then, select the number of intercom line systems (1CH or 2CH).

Note

When SYSTEM INTERFACE in INTERCOM (C07) of the CCU CONFIGURATION menu is set to RTS/CLEAR COM, be sure to connect the unit to the RTS or Clear-Com system. Failure to do so will cause the output to oscillate and adversely affect the surrounding circuit.

Selecting producer line

CCU CONFIGURATION menu → INTERCOM (C07) → PRODUCER

Selecting engineer line

CCU CONFIGURATION menu → INTERCOM (C07) → ENGINEER

Selecting intercom line channel

Connect the intercom line to the producer line of the unit and make the following settings.

Note

Factory setting: 2CH

- 1CH

CCU CONFIGURATION menu → INTERCOM (C07) → INTERCOM CH:1CH

Note

The intercom line is always connected to the producer line regardless of the settings of the INCOM PROD/ENG switch of the HDC2000 series and the INTERCOM switch on the front panel of the unit.

- 2CH

CCU CONFIGURATION menu → INTERCOM (C07) → INTERCOM CH:2CH

Adjusting RTS Cancellation (RTS/Clear-Com)

When the RTS or Clear-Com system is used, adjust the sidetone cancellation amount using the following procedure.

1. Set the SIDE TONE in FRONT INCOM (C08) of the CCU CONFIGURATION menu to 0.
2. Set the INTERCOM switch on the front panel to PROD.
3. While speaking to the headset microphone, adjust PRODUCER CANCEL LVL in INTERCOM (C07) of the CCU CONFIGURATION menu so that the voice heard from the headset becomes minimum.
4. Set the INTERCOM switch on the front panel to ENG.
5. While speaking to the headset microphone, adjust ENGINEER CANCEL LVL in INTERCOM (C07) of the CCU CONFIGURATION menu so that the voice heard from the headset becomes minimum.
6. Reset the value of SIDE TONE in FRONT INCOM (C08) of the CCU CONFIGURATION menu to the previous value.

Setting Headset Microphone

Setting intercom microphone

Set the INCOM MIC in FRONT INCOM (C08) of the CCU CONFIGURATION menu according to the microphone type of the headset to be connected to the INTERCOM connector on the front panel.

- CARBON:
When using a carbon microphone (power supplied, 20 dB gain)
- ECM:
When using a electric condenser microphone (power supplied, 40 dB gain)
- DYNAMIC:
When using a dynamic microphone (no power supplied, 60 dB gain) (Factory setting)

Adjusting the side tone level

Adjust the sidetone volume of the headset connected to the INTERCOM connector on the front panel with SIDE TONE in FRONT INCOM (C08) of the CCU CONFIGURATION menu according to the headset to be used.

Setting PGM Audio Signal Input Level

Set the PGM1 INPUT and PGM2 INPUT in INTERCOM (C07) of the CCU CONFIGURATION menu to -20 dBu , 0 dBu, or $+4$ dBu according to each level of audio 1 and 2 of the system.

Note

Factory setting: 0 dBu

Selecting PGM Audio Signal

Select the PGM audio signal of the headset connected to the INTERCOM connector on the front panel to user's preference level with PGM SEL in FRONT INCOM (C08) of the CCU CONFIGURATION menu.

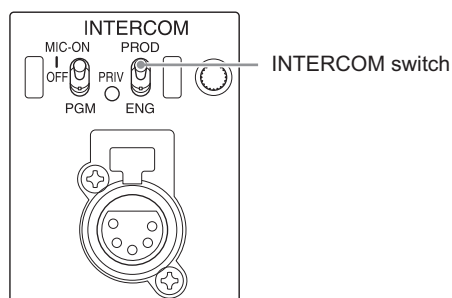
- PGM 1: To select PGM1 (Factory setting)
- PGM1 + PGM2: To select PGM1 and PGM2 mixed
- PGM2: To select PGM2

Adjusting PGM Audio Signal Mixing Volume

Adjust the PGM audio signal mixing volume of the headset connected to the INTERCOM connector on the front panel to user's preference level with PGM1 LVL/PGM2 LVL in FRONT INCOM (C08) of the CCU CONFIGURATION menu.

Selecting an Intercom LINE to be Connected to the INTERCOM Connector

Select the intercom line to be connected to the INTERCOM connector on the front panel as follows with the INTERCOM switch.



- When connecting to the producer line:
Set the INTERCOM switch to PROD.

- When connecting to the engineer line:
Set the INTERCOM switch to ENG.
- When connecting only a camera:
Set the INTERCOM switch to PRIV.
When this position is set, the intercom from outside is cut and the system consists of the intercom and camera.

Note

When INTERCOM CH in INTERCOM (C07) of the CCU CONFIGURATION menu is set to 1CH, the INTERCOM switch on the front panel of this unit and the camera are fixed to the producer line regardless of the setting.

2-3-2. Microphone Setting

This unit can receive two independent microphone lines (MIC1 and MIC2) from the video camera HDC2000 series and output them.

Remote Controlling Microphone Input Amplifier Gain

Remote control using the menu setting

When the MIC REMOTE connector on the rear panel is open or pins 8 (MIC1) and 15 (MIC2) of the MIC REMOTE connector are at a high level, Adjusting the CAM MIC GAIN with MIC/AUDIO (C06) of the CCU CONFIGURATION menu.

Setting values: 20, 30, 40, 50, 60 dB (Factory setting: 60 dB)

Adjusting the microphone input gain using the MIC REMOTE connector

The microphone input amplifier gain control is enabled or disabled by pins 8 and 15 of the MIC REMOTE connector on the rear panel.

Furthermore, the microphone input amplifier gain can be set by pins 5 to 7 and 12 to 14.

When MIC REMOTE in OTHERS (M04) of the MAINTENANCE menu is set to MIC1 & 2 or MIC+NETWORK, the MIC1 gain and MIC2 gain can be set by pins 5 to 7 and the microphone input amplifier gain can be set at the same time.

When MIC REMOTE is set to MIC1 or MIC2, the MIC1 gain and MIC2 gain can be set independently. Set the MIC1 gain by pins 5 to 7, and the MIC2 gain by pins 12 to 14.

Setting the microphone input control of the video camera

Pin No.		Microphone connector	
8	15	MIC IN CH-1	MIC IN CH-2
L	L	ON	ON
L	H	ON	OFF
H	L	OFF	ON
H	H	Set with CAM MIC GAIN of MIC/AUDIO (C05)	

Setting the microphone input gain of the video camera

Pin No.			Gain
7	6	5	
H	H	H	60 dB
L	H	H	50 dB
H	L	H	40 dB
L	L	H	30 dB
H	H	L	20 dB

Pin No.			Gain
14	13	12	
H	H	H	60 dB
L	H	H	50 dB
H	L	H	40 dB
L	L	H	30 dB
H	H	L	20 dB

H: +5 V or open

L: GND

Input resistance: 100 k Ω +5 V pull-up

Adjusting MIC Phase

When the microphone signal phase is ahead of the video signal phase to be used, adjust the microphone signal phase with AUDIO OUTPUT DELAY in MIC/AUDIO (C06) of the CCU CONFIGURATION menu.

0 ~ 3840 FS (Factory setting: 0 Fs)

Setting MIC Output Level

Set the MIC outputs (MIC1 and MIC2) with AUDIO OUT CH1 LEVEL/CH2 LEVEL in MIC/AUDIO (C06) of the CCU CONFIGURATION menu according to each signal level.

-20 dBu, 0 dBu, or +4 dBu (Factory setting: 0 dB)

2-4. System Settings

2-4-1. Tally System Setting

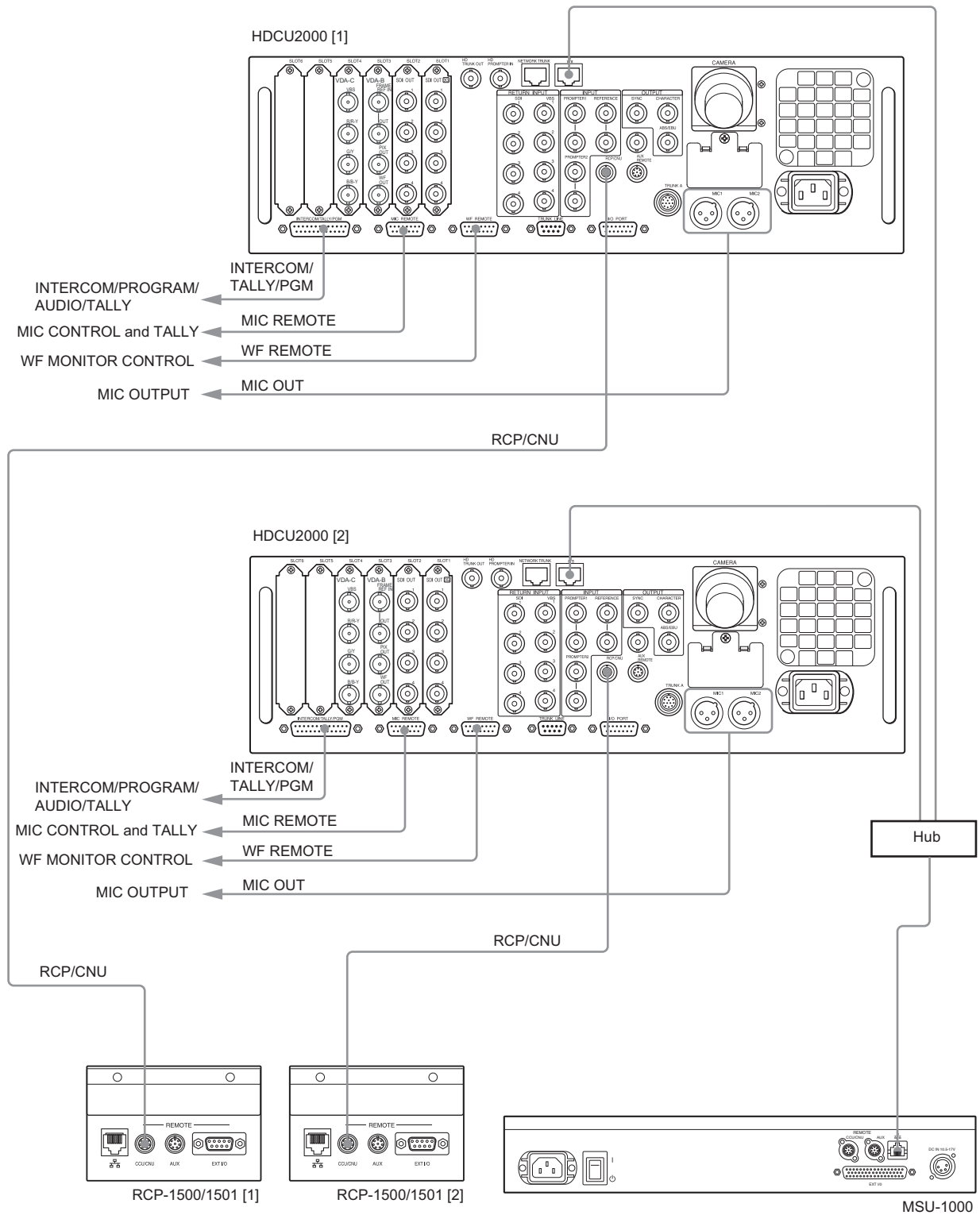
This unit supports red tally, green tally, and yellow tally systems, and also supports contact supply and power voltage supply (24 V/TTL). Set the TALLY INPUT (C16) of the CCU CONFIGURATION menu according to the tally system to be used.

- Contact supply: CONTACT
- 24 V supply: POWER (24V)
- 5 V supply: POWER (TTL)

2-4-2. Camera Number Setting

Set the camera number with OTHERS1 (C17) of the CCU CONFIGURATION menu.

2-4-3. Connecting the Control, Intercom, Tally and Audio Signals



2-5. Video Signal System

Video signals of this unit and the equipment used for the HDC2000 series camera system were adjusted to the specified levels in the factory shipping process. Before starting operation, check the signal levels between equipment and adjust them, if necessary. Some adjustments can be performed using the maintenance menu of the MSU-1000/1500 besides using the control or switches on the board. Perform the basic adjustments on the board and perform the fine adjustments on the maintenance menu.

2-5-1. Input/Output Signal Selection

Select a signal of the input/output terminal signal on the rear panel according to the video system to be implemented.

2-5-2. Signal Phase Adjustment

Adjust signal phases of the unit. Before starting this adjustment, input the following sync signals to the unit and equipment used.

- This unit
REFERENCE connector
HD tri-level sync signal: 0.6 Vp-p
or
Black burst signal: 40 IRE (0.3 Vp-p)
(SMPTE318M (10F-BB) is also acceptable.)

Note

When the VBS signal of HKCU1001/1003 is used (when SC (subcarrier) phase lock is required), use the black burst signal.

- HKCU1003 (Using VDA-64B board)
FRAME REFERENCE connector
HD tri-level sync signal: 0.6 Vp-p
or
Black burst signal: 40 IRE (0.3 Vp-p)
Sequence pulse: 40 IRE (0.3 Vp-p)

Adjusting Sync Signal Phase

Adjust the sync signal phase so that the output signal phase matches the reference signal phase by using the SYSTEM OPERATION menu and the switch on the EN-159 board (HKCU1001/1003) panel. The phase can also be adjusted using the maintenance menu of MSU-1000/1500

Adjustment Procedure

Select an external sync signal type from the SYSTEM OPERATION menu.
SYSTEM OPERATION menu → GENLOCK PHASE (S02) → GENLOCK
HD: HD tri-level sync
SD: BB (black burst) signal

When HD is selected

1. Make coarse adjustment of the H phase by COARSE of GENLOCK PHASE (S02) and make fine adjustment by H STEP.

When SD is selected

1. Make coarse adjustment of the H phase by COARSE of GENLOCK PHASE (S02) and make fine adjustment by H STEP.
2. When the BB signal is selected as reference, adjust the SC phase with the SC PHASE switch on the EN-159A/159B board (HKCU1001/1003) panel.

2-5-3. Aspect Ratio Setting for Down-Conversion

With this unit or MSU-1000/1500, this system enables switching of aspect ratio in accordance with various systems for the HD-SD down-conversion.

Set the aspect ratio with the MIC REMOTE connector on the rear panel or with S05:SD ASPECT of the SYSTEM OPERATION menu. It can also be set using the maintenance menu of MSU-1000/1500.

The following four aspect ratio modes are selectable in this system.

Squeeze	Converts the HD video signal to SD signal with an aspect ratio of 16 : 9 unchanged (16 : 9)
Edge crop	Crops 4 : 3 video part from the HD video signal and converts it to SD signal (4 : 3)
Letterbox	Fits the HD video signal with an aspect ratio of 16 : 9 into a 4 : 3 monitor frame and converts it to SD signal (4 : 3) (Black level is inserted above and below the picture.)
Semi-letterbox	Crops 15 : 9 (or 14 : 9 or 13 : 9) video part from the HD video signal, fits it into a 4 : 3 monitor frame, and then converts it to SD signal (4 : 3) (Black level is inserted above and below the picture.)

Setting Aspect Ratio with the MIC REMOTE Connector

Note

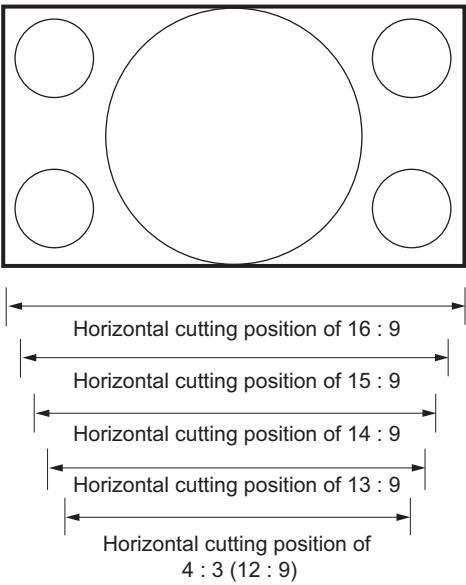
If MIC REMOTE in OTHERS (M04) of the MAINTENANCE menu is set to MIC+NETWORK or MIC1 or MIC2, the ASPECT REMOTE signal from the MIC REMOTE connector is disabled.

1. Set pin 12 (ASPECT REMOTE ON/OFF) of the MIC REMOTE connector on the rear panel to low level.
2. Set pins 13 (ASPECT CTL CONT1) and 14 (ASPECT CTL CONT2) of the MIC REMOTE connector according to the aspect ratio to be converted.

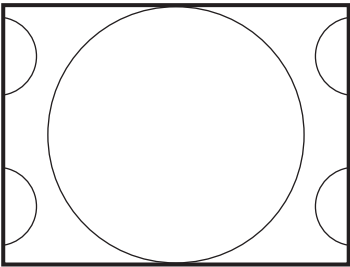
Pin 13 (ASPECT CTL CONT1)	Pin 14 (ASPECT CTL CONT2)	Aspect ratio
L	H	Squeeze (16 : 9)
H	H	Edge crop (4 : 3)
L	L	Set with S05:SD ASPECT of SYSTEM OPERATION menu
H	L	Letterbox (4 : 3)

Examples of Display

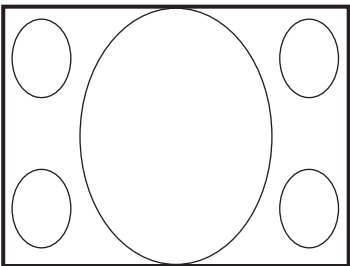
16 : 9 picture (picture from camera)



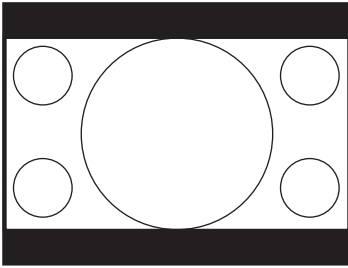
Picture whose aspect ratio is converted (SD output)



Edge-crop
CROP POSITION can be changed.

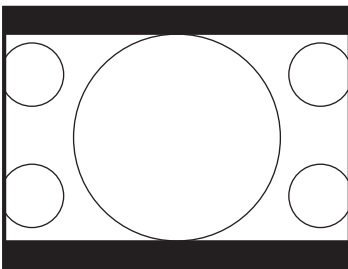


Squeeze
The 16 : 9 ratio picture is output in the SD format without changing the ratio.



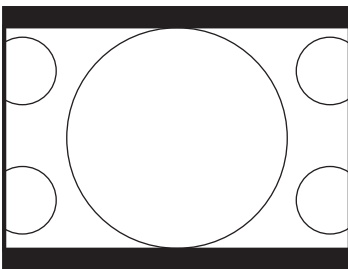
Letter box (16 : 9)

The 16 : 9 ratio picture is inserted into the 4 : 3 ratio picture without changing the ratio and is output in the SD format.



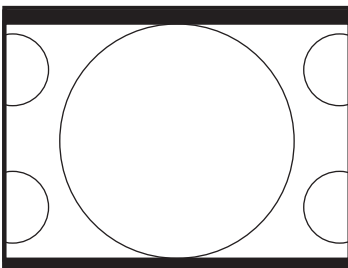
Semi-letter box (15 : 9)

The picture that is cut out with the aspect ratio of 15 : 9, is inserted into the 4 : 3 ratio picture and is output in the SD format.



Semi-letter box (14 : 9)

The picture that is cut out with the aspect ratio of 14 : 9, is inserted into the 4 : 3 ratio picture and is output in the SD format.



Semi-letter box (13 : 9)

The picture that is cut out with the aspect ratio of 13 : 9, is inserted into the 4 : 3 ratio picture and is output in the SD format.

2-5-4. VBS Signal Level Adjustment (Only When HKCU1001/1003 is Installed)

Adjust the VBS signal level that is output from this unit using the color bar signal. Use the switch on the EN-159A/159B board (HKCU1001/1003) and the potentiometer on the panel of the unit to adjust the VBS signal level.

Adjustment Procedure

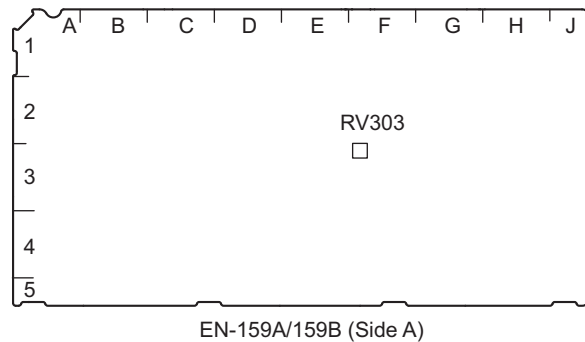
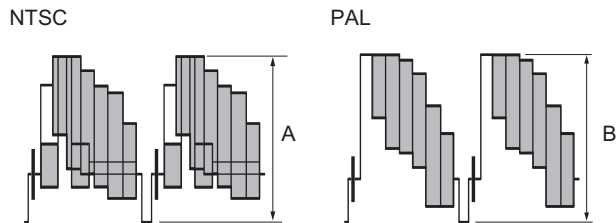
1. Press the BARS button of the MSU-1000/1500 or RCP-1500/1501 to display the color bars on the waveform monitor.
2. Adjust the color bar signal with potentiometer RV303 (VBS LEVEL) on the EN-159A/159B board so that it is within the specified level.

Test Point: VBS OUT connector/rear panel

Specification:

A = 140 ± 1 IRE (75 Ω termination)

B = 1000 ± 7 mVp-p (75 Ω termination)



2-5-5. Waveform Monitor Signal Level Adjustment (Only When HKCU1001/1003 is Installed)

The video output signal of the unit can be checked using the waveform monitor connected to the WF OUT connector. Adjust the WF output signal level using the color bar signal.

Adjustment Procedure Using EN-159A/159B Board

1. Press the BARS button of the MSU-1000/1500 or RCP-1500/1501.
2. Press the ENC button of the WAVEFORM MONITOR button of M SU-1000/1500 or MONITOR SELECT button of RCP-1500/1501 to display color bars on the waveform monitor.

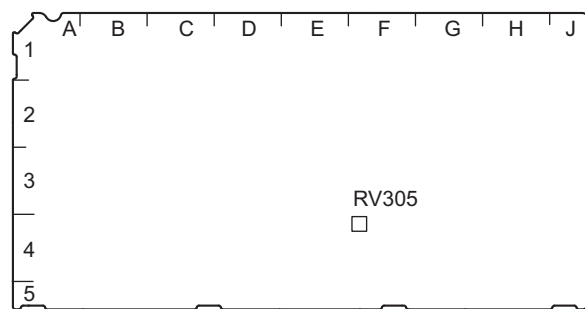
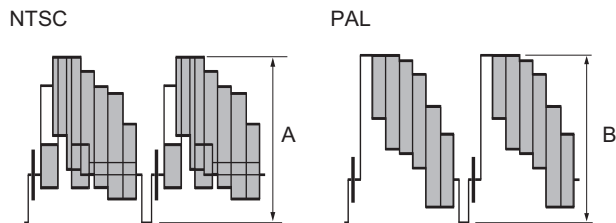
- Adjust the color bar signal with potentiometer RV305 (WFM GAIN) on the EN-159A/159B board so that it is within the specified level.

Test Point: WF OUT connector/rear panel

Specification:

A = 140 ± 1 IRE (75 Ω termination)

B = 1000 ± 7 mVp-p (75 Ω termination)



EN-159A/159B (Side A)

2-5-6. Stair Case Signal Adjustment Procedure (Only When HKCU1001/1003 is Installed)

Adjust the stair case signal to display signals in the sequential mode on the waveform monitor. Make this adjustment when signals in the sequential mode are not displayed correctly on the waveform monitor. When the waveform monitor is connected to this unit, adjust the stair case signal with potentiometers RV301 (STAIR STEP POSITION) and RV302 (STAIR STEP LEVEL) on the EN-159A/159B board of the HKCU1001/1003.

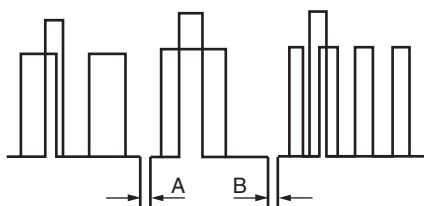
- Press the WAVEFORM MONITOR button of MSU-1000/1500 or the SEQ button of MONITOR SELECT button of RCP-1500/1501.

Note

The waveform monitor control signal of this unit is output in synchronization with the WF OUT connector output signal.

- Adjust the position of the signal to be displayed with potentiometer RV301 (STAIR STEP POSITION) on the EN-159A/159B board.

- Adjust intervals A and B of the signal to be displayed with potentiometer RV302 (STAIR STEP LEVEL) on the EN-159A/159B board, so that A and B are nearly equal.

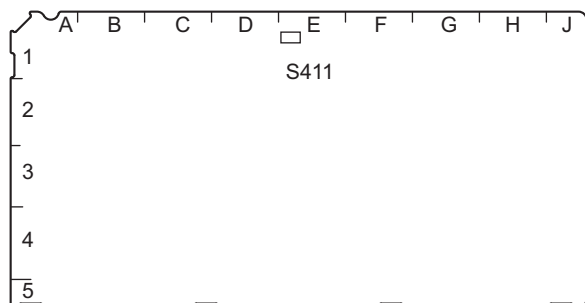


EN-159A/159B (Side A)

Note

The sequential mode control varies with the waveform monitor used. Change the polarity of control by the switch S411 (SEQ1&SEQ2) setting on the AT-167A board as required.

If the stair case signal cannot be adjusted properly even by changing the polarity of control, adjust it on the waveform monitor side.



AT-167A (Side A)

2-5-7. Picture Monitor Signal Level Adjustment (Only When HKCU1001/1003 is Installed)

The video output signal of this unit can be checked using the waveform monitor connected to the PIX connector. Adjust the PIX output signal level using the color bar signal.

Adjustment Procedure Using EN-159A/159B Board

- Press the BARS button of the MSU-1000/1500 or RCP-1500/1501.
- Press the ENC button of the WAVEFORM MONITOR button of M SU-1000/1500 or MONITOR SELECT button of RCP-1500/1501 to display color bars on the waveform monitor.

3. Adjust the color bar signal with potentiometer RV304 (PIX GAIN) on the EN-159A/159B board so that it is within the specified level.

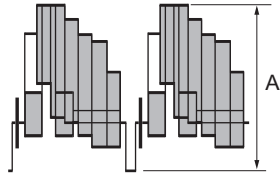
Test Point: PIX OUT connector/rear panel

Specification:

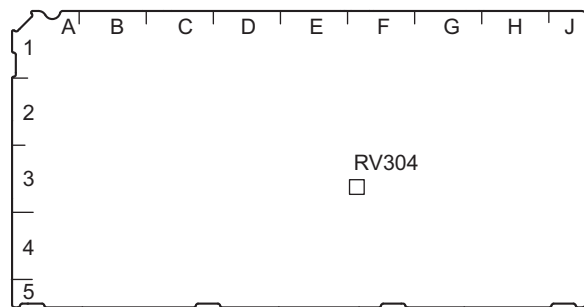
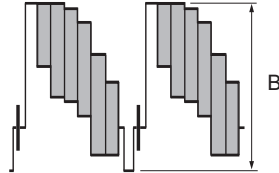
A = 140 ± 1 IRE (75 Ω termination)

B = 1000 ± 7 mVp-p (75 Ω termination)

NTSC



PAL



EN-159A/159B (Side A)

2-5-8. RETURN Input Signal

Set the format of the return signal to be input to the RETURN INPUT connector (SDI 1 to 4 and VBS 1 to 4) using the maintenance menu of MSU-1000/1500 or S07: RETURN SETUP in the SYSTEM OPERATION menu of this unit.

Section 3

Menu Settings

This unit can display the status of this unit and entire system on the video monitor connected to the PIX OUT connector (VDA-64A/64B board) of HKCU1001/1003 to check and change settings.

3-1. Preparations

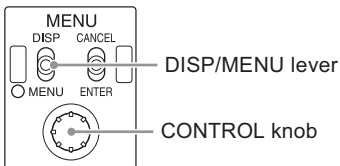
3-1-1. Display/Hide the Status Screen

To display the status screen

Set the DISP/MENU lever to the DISP position

Note

Turning the CONTROL knob changes the displayed page.



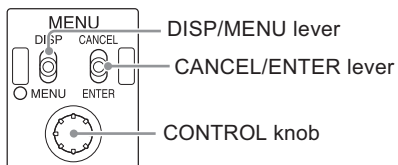
To exit the status screen display

In status screen display mode, set the DISP/MENU lever to the DISP position.

3-1-2. Starting/Exiting the Maintenance Mode

Starting

1. When the status screen or menu screen is displayed, hide the screen.
 - When the status screen is displayed, turn the DISP/MENU lever to the DISP side once.
 - When the menu screen is displayed, turn the DISP/MENU lever to the MENU side once.
2. While pressing the CONTROL knob, turn the CANCEL/ENTER lever quickly to the ENTER side twice.
3. Turn the DISP/MENU lever to the MENU side within two seconds.



4. Check that the following screen appears. If it does not appear, repeat steps 1 to 3.

```

** CCU MENU **
→ SYSTEM OPERATION
  CCU CONFIGURATION
  NETWORK SETTINGS
  VE OPERATION
  MAINTENANCE

```

Exiting

1. When the status screen or menu screen is displayed, hide the screen.
2. Turn the CANCEL/ENTER lever quickly to the CANCEL side twice.

Changing Setting Values

To enter:

Press the CONTROL knob.

To cancel

Turn the CANCEL/ENTER lever to the CANCEL side before pressing the CONTROL knob. The setting of the selected item is restored.

To suspend:

Turn the DISP/MENU lever to the MENU. The menu disappears. To restart the setting operation, turn the DISP/MENU lever again to the MENU side.

3-1-3. Memory Stick

The following types of Memory Stick are available for this unit.

- Memory Stick
- Memory Stick PRO (Up to 2 GB)

3-2. Status Display

3-2-1. Camera Settings

Notes

- If display of an item is disabled by DISPLAY (C14) of the CCU CONFIGURATION menu, the item is not displayed.
- A “—” mark is displayed for each item when a camera is not connected.

Page 1: Description of display

Menu Image	Item	Description
	Master gain value	Video output signal gain (dB units).
	Shutter speed/Clear scan frequency	Shutter speed value. When ECS is on, the clear scan frequency is displayed.
	Shutter/ECS	Shutter/ECS on/off indicator.
	Camera auto control information area	Top: Displays the Auto Setup category and execution status. Bottom: Displays the execution item.
	ND filter	Current ND filter selection.
	F-stop value	Lens F-stop value (iris value).
	EX (lens extender)	Lens extender indicator.
	CC filter	Current CC filter selection.

Page 2: Camera status

Menu Image	Item	Description
	White/R/G/B	White balance R/G/B value
	Black/R/G/B/M	Black balance R/G/B/Master value
	BLK γ	Black gamma value
	Flare/R/G/B	Flare balance R/G/B value
	DTL	Detail level

Page 3: SD signal setting status of CCU

Menu Image	Item	Description
	SD MATRIX	Matrix of SD output
	CC Reduction	Cross color reduction
	SD Detail	Detail of SD output

3-2-2. Settings of Entire System

The model name of the camera connected to the unit, the format setting, CCU output format setting, external reference setting and return signal format setting are displayed.

Menu Image	Item	Description
<pre> *System Status* 1/20 Ref:HD Lock Camera :HDC2500(HB) 1080/59.94I HD Main:1080/59.94I HD Conv:----- SD Conv:525/59.94I RET1:1080/59.94I (PsF) RET2:1080/59.94I (PsF) RET3:1080/59.94I (PsF) RET4:1080/59.94I (PsF) </pre>	Ref	Reference signal format and lock status
	Camera	Model name of the connected camera
	HD Main	Return signal format
	HD Conv	HD up convert setting status
	SD Conv	SD up convert setting status
	RET1	Return 1 return format selection status
	RET2	Return 2 return format selection status
	RET3	Return 3 return format selection status
	RET4	Return 4 return format selection status

3-2-3. Status of Internal Boards

Names of boards mounted in front slots and self-diagnosis results of mounted boards are displayed.

Menu Image	Item	Description
<pre> 2/20 ** Diagnosis ** A:AT :OK 2:DRX OK B:AVP :OK 3:DRX OK C:DTX :OK 4:RC OK D: 5:EN1-A OK 1:DRX :OK 6:EN2-B OK </pre>	Slot A to D	Board names and self-diagnosis results of boards
	Slot 1 to 6	

3-2-4. Camera System Diagnostics

Page 1: System diagnostics 1

Menu Image	Item	Description
<pre> *System Diag 1/3* 3/20 Optical Condition CAMERA OK CCU OK Fan Power OK Timer 56H CCU Power AC OK SerialNo 00002002 </pre>	CAMERA	Camera light sensor level
	CCU	CCU light sensor level
	Fan Power	CCU power supply fan status
	Timer	Elapsed time since power-on
	CCU POWER	CCU power supply type and status
	Serial No.	CCU serial number

Page 2: System diagnostics 2

Menu Image	Item		Description
<pre> *System Diag 2/3* 4/20 CAMERA Cable Connect Data OK Power OK RCP/CNU Cable Connect Data OK Power OK </pre>	CAMERA	Cable	Camera cable connection status
		Data	Camera data transmission status
		Power	Camera power supply status
	RCP/CNU	Cable	This unit's REMOTE connector cable connection status
		Data	Data transmission status from a device connected to this unit's REMOTE connector
		Power	Power supply status to a device connected to this unit's REMOTE connector

Page 3: System diagnostics 3

Menu Image	Item		Description
<pre> *System Diag 3/3* 5/20 Intercom CCU Private CAMERA CH1 ENG MIC OFF CH2 PROD MIC OFF CHU MIC Gain Local CH1 60 dB CH2 60 dB </pre>	Intercom	CCU	CCU intercom selection status
		CAMERA CH1	Camera intercom 1 selection status and camera microphone status (When 1CH is selected via the INTERCOM menu (C07), the PROD setting cannot be changed.)
		CAMERA CH2	Camera intercom 2 selection status and camera microphone status
	CAM MIC	Gain	Camera microphone circuit control status
		CH1	Camera microphone circuit 1 amp gain status
		CH2	Camera microphone circuit 2 amp gain status

3-2-5. Network Diagnostics

Page 1: Network diagnostics 1

Menu Image	Item	Description
<pre> *Network Diag 1/3* 6/20 MacAddress 00014A-xxxxxx Auto Negotiation: ON Auto MDIX : ON Connect Speed : 100M Duplex Mode : FULL MDI/MDIX Select : MDIX Link Status :OK </pre>	MacAddress	CCU MAC address
	Auto Negotiation	Auto negotiation setting status
	Auto MDIX	Auto-MDIX setting status
	Connect Speed	Connection speed setting status
	Duplex Mode	Communication method setting status
	MDI/MDIX Select	Communications port wiring configuration selection status
	Link Status	LAN connection status

Page 2: Network diagnostics 2

Menu Image	Item	Description
<pre> *Network Diag 2/3* 7/20 CNS Mode : MCS CCU No. : (1) Master IP Address 192.168. 0.100 </pre>	CNS Mode	REMOTE and LAN connectors mode setting status
	CCU No.	CCU number setting status
	Master IP Address	Master device IP address

Page 3: Network diagnostics 3

Menu Image	Item	Description
<pre> *Network Diag 3/3* 8/20 IP Addr :192.168. 0.101 NetMask :255.255.255. 0 Def GW :192.168. 0.254 </pre>	IP Addr	CCU IP address setting status
	NetMask	CCU subnet mask setting status
	Def GW	CCU default gateway setting status

3-2-6. Board Diagnostics

AT board diagnostics

Menu Image	Item	Description
<pre> *AT Diag* 9/20 System Frequency:1.001 CHU Format Setting 1080/59.94P Reference :HD Remote Line Delay :Line(90H) Power Supply:OK PLD Version :3.00 Done VIF Power :OK </pre>	System Frequency	System frequency
	CHU Format Setting	Camera format setting status
	Reference	Reference signal setting status
	Line Delay	HD-SD delay setting status
	Power Supply	Status of power supply to the AT board
	PLD Version	AT board PLD version
	VIF Power	Status of power supply to the VIF board

AVP board diagnostics

Menu Image	Item	Description
AVP Diag 10/20 Front Power:OK PLD Version:1.00 Done ADO Power :OK	Front Power	Status of power supply to the AVP board
	PLD Version	AVP board PLD version
	ADO Power	Status of power supply to the ADO board

DTX board diagnostics

Menu Image	Item	Description
DTX Diag 11/20 Return Delay :F/S Active Ret CH :2CH Front Power:OK PLD Version:1.00 Done Rear:SDI Power:OK	Return Delay	Return delay setting status
	Active Ret CH	The selected RET channel
	Front Power	Status of power supply to the DTX board
	PLD Version	DTX board PLD version
	Rear	Name of the board installed in the rear slot
	Power	Status of power supply to the board installed in the slot

3-2-7. Status of the Board Inserted in Slot

Note

The items displayed differ depending on board connected to the expansion slot.

Status of the board inserted in Slot1

Note

This display example shows a case where the DRX board is mounted on the front side and the HIF board is mounted on the rear side.

Menu Image	Item	Description
Slot1 Diag 12/20 1&2: 1080/59.94I 3&4:M1080/59.94I HD CB:BAR 16:9(100%) Front:DRX Power:OK PLD Version:1.00 Done Rear :HIF Power:OK	1 & 2	Output format of Output 1 & 2
	3 & 4	Output format of Output 3 & 4
	HD CB	The output color bar signal
	Front, Power	Status of power supply to the board installed in option slot 1 and the board name
	PLD Version	PLD version of the board installed in option slot 1 and the board name
	Rear, Power	Status of power supply to the rear board and board name

Status of the board inserted in Slot2

Note

This display example shows a case where the RC board is mounted on the front side and the HIF board is mounted on the rear side.

Menu Image	Item	Description
Slot2 Diag 13/20 1&2: 1080/59.94I 3&4:M1080/59.94I HD CB:BAR 16:9(100%) SD CB:SMPTE Front:RC Power:OK PLD Version:1.00 Done Rear :HIF Power:OK	1 & 2	Output format of Output 1 & 2
	3 & 4	Output format of Output 3 & 4
	HD CB	The output color bar signal
	SD CB	The output color bar signal
	Front, Power	Status of power supply to the board installed in option slot 2 and the board name
	PLD Version	PLD version of the board installed in option slot 2 and the board name
	Rear, Power	Status of power supply to the rear board and board name

Status of the board inserted in Slot3

Note

This display example shows a case where no board is mounted on the front side.

When no board is mounted on the front side, even if a board is mounted on the rear side, the unit judges that no board is mounted on both front and rear sides.

Menu Image	Item	Description
Slot3 Diag 14/20 Front:None Rear :None	Front	Name of board inserted in option slot3
	Rear	Name of board inserted in rear side

Status of the board inserted in Slot4

Note

This display example shows a case where the EN-159A board is mounted on the front side and the VDA-64A board is mounted on the rear side.

Menu Image	Item	Description
Slot4 Diag 15/20 Front:EN1-A Power:OK PLD Version:1.00 Done Rear:VDA-A Power:OK	Front Power	Status of power supply to the board installed in option slot 4 and the board name
	PLD Version	PLD version of the board installed in option slot 4 and the board name
	Rear, Power	Status of power supply to the rear board and board name

Status of the board inserted in Slot5

Note

This display example shows a case where the EN-159B board is mounted on the front side and the VDA-64B board is mounted on the rear side.

Menu Image	Item	Description
*Slot5 Diag*16/20 Sub-Ref:None Unknown Front:EN2-BPower:OK PLD Version:1.00Done Rear:VDA-BPower:OK	Sub-Ref	Sub-Reference signal format and lock status
	Front Power	Status of power supply to the board installed in option slot 5 and the board name
	PLD Version	PLD version of the board installed in option slot 5 and the board name
	Rear, Power	Status of power supply to the rear board and board name

Status of the board inserted in Slot6

Note

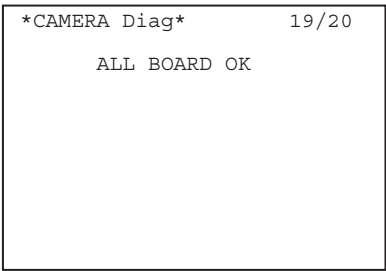
This display example shows a case where no board is mounted on the front side and the VDA-64C board is mounted on the rear side.

Menu Image	Item	Description
*Slot-6 Diag*17/20 Front None Rear :VDA-C	Front	Name of board inserted in option slot6
	Rear	Name of board inserted in rear side

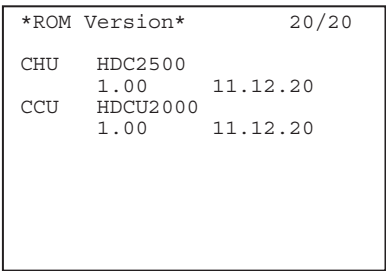
3-2-8. SDP Board Diagnostics

Menu Image	Item	Description
*SDP Diag*18/20 Power:OK PLD Version:1.00Done	POWER	Status of power supply to the SDP board
	PLD Version	SDP board PLD version

3-2-9. Camera Board Status

Menu Image	Item	Description
	—	Displays the status of each board of the camera.

3-2-10. Version Information of ROMs in Each Unit

Menu Image	Item	Description
	CHU	ROM version of the camera connected to this unit
	CCU	ROM version of this unit

3-3. SYSTEM OPERATION Menu

S01: OUTPUT SELECT

Menu Image	Item	Settings	Description
<pre> <OUTPUT SELECT> S01 TOP OUTPUT: *CAMERA BAR TEST1 TEST2 PIX: *ENC R G B R&G G&B R&B RGB WFM: *ENC R G B SEQ R&G G&B R&B RGB </pre>	OUTPUT	CAMERA, BAR, TEST1, TEST2	Selects the output signal. TEST1 and TEST2 are not selectable if there is no communication with the camera
	PIX	ENC, R, G, B, R&G, G&B, R&B, RGB	Selects the PIX connector output signal.
	WFM	ENC, R, G, B, SEQ, R&G, G&B, R&B, RGB	Selects the WFM connector output signal.

S02: GENLOCK PHASE

Note

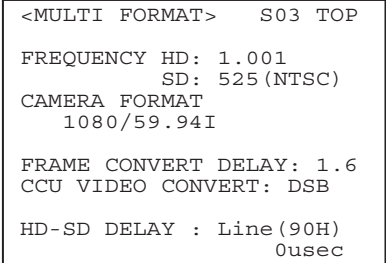
SUB-REF displayed only when HKCU1003 is installed

Menu Image	Item	Settings	Description
<pre> <GENLOCK PHASE> S02 TOP REFERENCE (NONE) GENLOCK : SD (OK) H STEP : 0.00usec COARSE : 0 V PHASE : 0 SUB-REF : (NONE) (UNKNOWN) </pre>	REFER-ENCE	(NONE), (EXT IN)	Displays whether reference signal input is present. (Display only)
	GENLOCK	HD, SD	This unit's GEN LOCK mode: displays the lock status and format.
		(OK) , (NG)	Sets the lock status of the external reference signal. (OK): Lock (NG): Unlock
		External reference signal format	Displayed only when a reference signal is present.
	H STEP	When GENLOCK mode is HD: -3.01 to 3.45 μ sec	Adjusts the reference signal lock phase. Horizontal phase (STEP)
		When GENLOCK mode is SD: -8.29 to 9.48 μ sec	
	COARSE	-99.9 to 99.9	Adjusts the reference signal lock phase. Horizontal phase
	V PHASE	0 to 7	Adjusts the reference signal lock phase. Vertical phase (in units of line)
	SUB-REF	(NONE), (EXT IN)	Displays whether sub-reference signal input is present. (Display only)
		(UNKNOWN), (Frame Gate), (HD), (SD)	Sub-reference signal format display (Display only)

S03: MULTI FORMAT

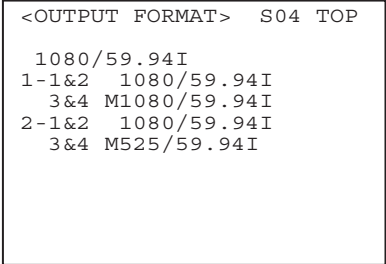
Note

COMPONENT displayed only when HKCU1003 is installed

Menu Image	Item	Settings	Description
	FREQUENCY HD	1.001, 1.000	Selects the operating frequency.
	FREQUENCY SD	(525NTSC), (625PAL)	
	CAMERA FORMAT	When FREQUENCY is set to 1.001: 1080/59.94I, 1080/29.97PsF, 1080/59.94P, 1080/23.98PsF, 720/59.94P, 1080/59.94I (RGB444), 1080/29.97PsF (RGB444), 1080/23.98PsF (RGB444), 1080/59I (×2), 720/59P (×2) When FREQUENCY is set to 1.000: 1080/50I, 1080/25PsF, 1080/50P, 1080/24PsF, 720/50P, 1080/50I (RGB444), 1080/25PsF (RGB444), 1080/24PsF (RGB444), 1080/50I (×2), 720/50P (×2)	Selects the transmission format.
	FRAME CONVERT DELAY	0.8, 1.2, 1.6	
	CCU VIDEO CONVERT	DSB, ENB ^{*1}	Sets video conversion. To set to ENB, set FRAME SYNCHRO in RETURN SETUP (S07) to ON.
	×2 MODE	1, 2	Sets the output format to 2× frame output. The CCU output format changes. 1: Output by aligning with field. (Compatible with devices other than SRW-1/5800.) 2: Output by aligning with frame. (Compatible with SRW-1/5800.) Displayed only when CAMERA FORMAT is set to 1080/59.94I (×2), 1080/50I (×2), 720/59.94P (×2) or 720/50P (×2).
	HD-SD DELAY	Line (90H), Frame (1F), 0-Delay	Sets the phase output for SD signals down converted from this unit's HD signals.
	COMPONENT	RGB, YCD	Selects the component signal connector's output format.

*1: When CCU VIDEO CONVERT is set to ENB, the CCU internal video conversion is delayed, so adjust the camera's signal by advancing it as necessary.

S04: OUTPUT FORMAT

Menu Image	Item	Settings	Description
	CAMERA TRANSMIT	When FREQUENCY HD is set to 1.001: 1080/59.94I, 1080/29.97PsF, 1080/59.94P, 1080/23.98PsF, 720/59.94P, 1080/59.94I(RGB444), 1080/29.97PsF(RGB444), 1080/23.98PsF(RGB444), 1080/59I(x2), 720/59P(x2) When FREQUENCY HD is set to 1.000: 1080/50I, 1080/25PsF, 1080/50P, 1080/24PsF, 720/50P, 1080/50I(RGB444), 1080/25PsF(RGB444), 1080/24PsF(RGB444), 1080/50I(x2), 720/50P(x2)	Selects the output format. This setting works in conjunction with CAMERA FORMAT
	SLOT1- 1&2	Output format Refer to “Example of format setting”	Selects the output format for slot 1’s SDI OUT1/2 connector.
	SLOT1- 3&4	Output format Refer to “Example of format setting”	Selects the output format for slot 1’s SDI OUT3/4 connector.
	SLOT2- 1&2	Output format Refer to “Example of format setting”	Selects the output format for slot 2’s SDI OUT1/2 connector.
	SLOT2- 3&4	Output format Refer to “Example of format setting”	Selects the output format for slot 2’s SDI OUT3/4 connector.
	SLOT3	Output format Refer to “Example of format setting”	Selects the output format for slot 3’s SDI OUT connector.
	SLOT4	Output format Refer to “Example of format setting”	Selects the output format for slot 4’s SDI OUT connector.
	SLOT5	Output format Refer to “Example of format setting”	Selects the output format for slot 5’s SDI OUT connector.
	SLOT6	Output format Refer to “Example of format setting”	Selects the output format for slot 6’s SDI OUT connector

Example of format setting

Note

- An “M” next to the output format indicates that a cable’s character will be output with the signal.
- A “C” next to the output format indicates that a character will not be added.

	1080/59.94I	1080/29.97PsF	1080/59.94P	1080/23.98PsF	720/59.94P
Slot1 1&2	1080/59.94I	1080/29.97PsF	1080/59.94P (3G)	1080/23.98PsF	720/59.94P
Slot1 3&4	M1080/59.94I	M1080/29.97PsF	C1080/59.94P (A)	M1080/23.98PsF	M720/59.94P
Slot2 1&2	1080/59.94I	1080/29.97PsF	1080/59.94P (B)	1080/59.94I	720/59.94P
Slot2 3&4	M1080/59.94I	M1080/29.97PsF	M1080/59.94I	M1080/59.94	M720/59.94P
Slot3 1&2	525/59.94I	525/29.97PsF	720/59.94P	525/59.94I	525/59.94I
Slot3 3&4	M525/59.94I	M525/29.97PsF	525/59.94I	M525/59.94I	M525/59.94I
Slot4	NTSC	NTSC	NTSC	NTSC	NTSC
Slot5	—	—	—	—	—

Continued

	1080/59.94I	1080/29.97PsF	1080/59.94P	1080/23.98PsF	720/59.94P
Slot6	—	—	—	—	—

S05: SD ASPECT

Menu Image	Item	Settings	Description
<SD ASPECT> S05 TOP SD ASPECT : EDGE CROP SD LB SEL : 16:9 H-POSITION: 0 CENTER : ON V-POSITION: (0) CENTER : (ON) H-INTERP : A V-INTERP : A	SD ASPECT	SQUEEZE, EDGE CROP, LETTER BOX	Selects the SD output aspect
	SD LB SEL	16:9, 15:9, 14:9, 13:9	Selects the LETTER BOX aspect ratio
	H-POSITION	–99 to 99, (–99) to (99)	Sets the horizontal clipping position. Settings in (): Displayed when SQUEEZE or LETTER BOX is selected in SD ASPECT (Display only)
	CENTER	ON, OFF, (ON), (OFF)	Sets the horizontal center of clipping position. Settings in (): Displayed when SQUEEZE or LETTER BOX is selected in SD ASPECT (Display only)
	V-POSITION	–99 to 99, (–99) to (99)	Sets the vertical clipping position. Settings in (): Displayed when SQUEEZE or EDGE CROP is selected in SD ASPECT (Display only)
	CENTER	ON, OFF, (ON), (OFF)	Sets the vertical center of clipping position. Settings in (): Displayed when SQUEEZE or EDGE CROP is selected in SD ASPECT (Display only)
	H-INTERP	A, B, C, D, E	Selects the down converter horizontal filter.
	V-INTERP	A, B, C, D, E	Selects the down converter vertical filter.

S06: RETURN FORMAT

Menu Image	Item	Settings	Description
<pre> <RETURN FORMAT> S06 TOP RET1: 1080/59.94I (PsF) RET2: 1080/59.94I (PsF) RET3: 1080/59.94I (PsF) RET4: 1080/59.94I (PsF) AUTO SCAN EXEC LINK TO MAIN: MANUAL </pre>	RET1 RET2 RET3 RET4	When 1.001 is selected for FREQUENCY HD: 1080/59.94P, 1080/59.94I (PsF), 1080/23.97PsF, 720/59.94P, 525/59.94I (PsF), NTSC When 1.000 is selected for FREQUENCY HD: 1080/50P, 1080/50I (PsF), 1080/24PsF, 720/50P, 625/50I (PsF), PAL When 525/59.94I (PsF), NTSC, 625/50I (PsF) or PAL are selected, the following settings are available: SQUEEZE, EDGE CROP, LETTER BOX, 16:9, 15:9, 14:9, 13:9	Sets the return signal input format. Sets input format, aspect ratio, and letter-box mode.
	AUTO SCAN	Execute via EXEC	Automatically detects the return signal input format, and then executes. Note If the automatically detected result is invalid, the previous setting flashes for 5 seconds, and then the previous setting is maintained.
	LINK TO MAIN	MANUAL, AUTO	Sets the mode for linking the return signal to this signal.

S07: RETURN SETUP

Menu Image	Item		Settings	Description
<pre> <RETURN SETUP> S07 TOP FRAME SYNCHRO : ON SD-RETURN MATRIX : ON LB LINE: 364 ASPECT : MANUAL </pre>	FRAME SYNCHRO		OFF, ON	Set the FRAME SYNCHRO function for the return signal to on/off.
	SD-RETURN	MATRIX	OFF, ON	Turn the HD matrix to the SD return signal on/off.
		LB LINE	360, 364	Set the effective line setting for letterbox.
		ASPECT	MANUAL/AUTO	Sets the auto-linking function for this unit's aspect setting.

S08: CCU VIDEO

Menu Image	Item	Settings	Description
<pre> <CCU VIDEO> S08 TOP VBS-CHROMA : ON MONO COLOR : OFF PHASE : 0 SATURATION: 0 </pre>	VBS-CHROMA	OFF, ON	Turns the VBS output signal's cross signal on/off.
	MONO-COLOR	OFF, ON	Sets the MONO COLOR function on/off.
	PHASE	0 to 358	Adjusts the color phase for the MONO COLOR function.
	SATURATION	-99 to 99	Adjusts the color saturation for the MONO COLOR function.

S09: 3D SETTINGS

Menu Image	Item	Settings	Description
<pre> <3D SETTINGS> S09 TOP 3D MODE : OFF 3D OUTPUT : 3D MONITOR 3D MONITOR : SPLIT SCREEN POSITION : 0 MIX CHROMA : ON DIFF MODE : L-R V SPLIT MODE: L/R BORDER LINE: OFF CHANNEL ID: (OFF) </pre>	3D MODE	OFF, ON	Turns the 3D Mode setting ON/OFF. (Available only with the HDFA-200 expansion.)
	3D OUTPUT	3D MONITOR, RIGHT ONLY, LEFT ONLY	Sets 3D Monitor output.
	3D MONITOR	SPLIT SCREEN, SIDE BY SIDE, ANAGLYPH, 50% MIX, DIFFERENCE, DIFF Y ONLY, MIRROR, CROP SPLIT, V SPLIT, CHECKER BOARD, LINE BY LINE	Displays the format.
	POSITION	-99 to 99	Sets the WIPE division ratio and MIX mix ratio. (Displayed when 3D MODE is set to ON.)
	MIX CHROMA	ON, OFF	Selects whether to display chroma information when MIX is activated.
	DIFF MODE	L-R, R-L	Switches to the difference image calculation operation.
	V SPLIT MODE	L/R, R/L	Switches the left and right sides when splitting the display.
	BORDER LINE	OFF, ON	Selects whether or not to display the boundary line when splitting the display.
	CHANNEL ID	(OFF), (ON)	Selects whether to display the Channel ID with this line's output.

3-4. CCU CONFIGURATION Menu

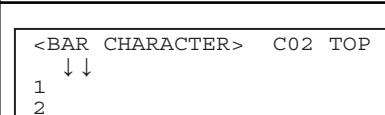
C01: COLOR BAR

Menu Image	Item		Settings	Description
<COLOR BAR> C01 TOP HD-BAR SEL: BAR 16:9 (100%) MF-CB : MODIFY SLOPE : WIDE SD-BAR : SMPTE : ENB BAR-CHARA: OFF GRAY : ON	HD-BAR	SEL	BAR 16:9 (100%), BAR 16:9 (75%), SMPTE 16:9 (BLACK), SMPTE 16:9 (-I/Q), BAR 4:3 (100%), BAR 4:3 (75%), SMPTE 4:3 (BLACK), SMPTE 4:3 (-I/Q), MF-ARIB (75%), MFARIB (100%), MF-ARIB (+I), MFSMPTE (-I, Q), MF-SMPTE (75%, Q), MF-SMPTE (100%, Q), MF-SMPTE (+I, Q), HD-CUSTOM, SDI CHECK FIELD, Y-RAMP, Y/C-RAMP, HDCUSTOM2	Sets an HD output color bar.
		MF CB	MODIFY, EVEN	Sets a multi-format color bar.
		SLOPE	WIDE, NARROW	Sets the chroma band for a color bar.
	SD-BAR		For NTSC: SMPTE, EIA, FULL, 95%, NTSC100%, Y/C-RAMP, Y-RAMP For PAL: SMPTE, EIA, EBU, 95%, PAL100%, Y/C-RAMP, Y-RAMP	Sets SD output for a color bar.
			DSB, ENB	DSB: Down convert and display the HD color bar. ENB: Display the set SD color bar.
	BAR-CHARA		ON, OFF	Turns the signal for characters superimposed on a color bar ON/OFF.
	GRAY		ON, OFF	ON: Gray screen output when camera power supply is off. OFF: Color bar signal output when camera power supply is off.

C02: BAR CHARACTER

Note

Menu numbers 11 and 12 are displayed by scrolling.

Menu Image	Item	Settings	Description
 CHARACTER 1 2 3 4 5 6 7 8 9 10 11 12 →<ALL CLEAR>	BAR CHARACTER	—	Sets strings 1 to 12 that are superimposed on the color bar signal.
	ALL CLEAR	—	Execute to clear all character strings. (Execute via ENTER.)

Setting character string

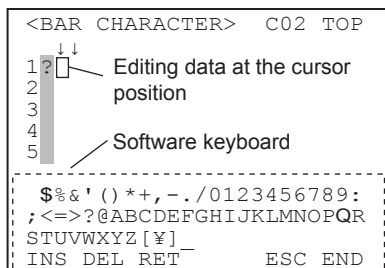
Note

Use the CCU CONFIGURATION menu to check indication of data that is input on this page.

COLOR BAR (01) → BAR-CHARA: ON

The procedure to edit the first line is described below as an example.

1. Turn the control knob clockwise to set the cursor to line number 1 and turn the CANCEL/ENTER lever to ENTER. The unit enters the edit mode and the software keyboard field is displayed.



2. Turn the CANCEL/ENTER lever to ENTER.
The unit transitions to the character input mode and the cursor appears in the software keyboard field.
3. Set the cursor to the character you want to input with the control knob.

C04: MONITOR 2

Menu Image	Item	Settings	Description
<MONITOR 2> C04 TOP LEVEL-GATE : --- Y-LEVEL1 49%~ 61% -25 Y-LEVEL2 74%~ 108% -25 GATE-MARKER: --- : 0 MODURATION : --- : 0 MARKER : OFF : 4:3	LEVEL GATE	---, 1&2, 1, 2, OFF	1&2: Displays level gate 1 and 2. 1: Displays level gate 1. 2: Displays level gate 2. ---: Displayed when camera not connected, video output not set to CAMERA, or video output is set to CAMERA and GATE MARKER is ON. (Display only)
	Y-LEVEL1	0 to 108%	Sets the level gate 1 minimum and maximum detection level.
		-99 to 99	Sets the level gate 1 zebra range.
	Y-LEVEL2	0 to 108%	Sets the level gate 2 minimum and maximum detection level.
		-99 to 99	Sets the level gate 2 zebra range.
	GATE-MARKER	---, ON, OFF	Sets the gate signal display to ON/OFF. ---: Displayed when a camera is not connected. (Display only)
		-99 to 99	Sets the gate signal level.
	MODULATION	---, ON, OFF	Sets the 4:3 aspect ratio mask function to ON/OFF when EDGE CROP is set to ON. ---: Displayed when a camera is not connected. (Display only)
		-99 to 99	Sets the mask video level.
	MARKER	ON, OFF	Sets the marker signal to ON/OFF.
		4:3, 13:9, 14:9, EU VISTA, VISTA, CINEMA, FOLLOW DC	Selects a superimposed marker signal.

C05: I/F SETUP

Menu Image	Item	Settings	Description
<I/F SETUP> C05 TOP BOARD FRONT REAR SLOT1:DRX-9 => HIF-57 SLOT2:RC-105 => HIF-26 SLOT3:(NONE) => (NONE) SLOT4:(NONE) => (NONE) SLOT5:(NONE) => (NONE) SLOT6:(NONE) => (NONE) REAR PREVIEW: MOMENTARY	BOARD	FRONT, REAR	Display only
	SLOT1	BOARD NAME DISPLAY	Detects and displays the boards installed to the front/rear of the CCU. (Display only)
	SLOT2		
	SLOT3		
	SLOT4		
	SLOT5		
	SLOT6		
	REAR PREVIEW	MOMENTARY, TOGGLE	Selects the REAR PREVIEW output operating mode.

C06: MIC/AUDIO

Menu Image	Item		Settings	Description
<MIC/AUDIO> C06 TOP CAM MIC GAIN: (LOCAL) CH1 : --- CH2 : --- AUDIO OUT DELAY : 0FS ANALOG OUT : MIC1/2 AES/EBU OUT: MIC1/2 CH1 LEVEL : 0dbu CH2 LEVEL : 0dbu	CAM MIC GAIN		—	Sets the camera’s microphone gain.
	CH1 CH2		---, 20, 30, 40, 50, 60 dB	Settings vary depending on microphones. --: Displayed when a camera is not connected. (Display only)
	AUDIO OUT	DELAY	0 to 3840FS	Sets the camera’s microphone output phase.
		ANALOG OUT	MIC 1/2, AES, EBU	Selects the MIC OUT ANALOG output.
		AES/EBU OUT	MIC 1/2, AES, EBU	Selects the MIC OUT DIGITAL output.
		CH1 LEVEL	0, +4, -20dBu	Sets the AUDIO CH1 output level.
		CH2 LEVEL	0, +4, -20dBu	Sets the AUDIO CH2 output level.

C07: INTERCOM

Menu Image	Item	Settings	Description
<INTERCOM> C07 TOP INTERCOM CH : 2CH SYSTEM INTERFACE PRODUCER : 4WIRE TERMINATION: (OFF) CANCEL LVL : (0) ENGINEER : 4WIRE TERMINATION: (OFF) CANCEL LVL : (0) PGM1 INPUT : 0dbu PGM2 INPUT : 0dbu	INTERCOM CH	1CH, 2CH	Selects the intercom channel number.
	SYSTEM INTERFACE	4WIRE, RTS, CLEAR COM	Sets the D-sub 25-pin intercom system.
	PRODUCER	4WIRE, RTS, CLEAR COM	Sets the producer line intercom system.
	TERMINATION	(OFF), ON, OFF	Connects to a 200 Ω terminator, if ON is selected while 2-wire intercom interface is used. (OFF): Displayed when 4WIRE is selected in SYSTEM I/F. (Display only) (Display only)
	CANCEL LVL	—	Sets the side tone cancel level.
	ENGINEER	4WIRE, RTS, CLEAR COM	Sets the engineer line intercom system.
	TERMINATION	(OFF), ON, OFF	Connects to a 200 Ω terminator, if ON is selected while 2-wire intercom interface is used. (OFF): Displayed when 4WIRE is selected in SYSTEM I/F. (Display only) (Display only)
	CANCEL LVL	—	Sets the side tone cancel level.
	PGM1 INPUT	-20, 0, +4 dBu	Sets the PGM1 input level.
	PGM2 INPUT	-20, 0, +4 dBu	Sets the PGM2 input level.

C08: FRONT INCOM

Menu Image	Item	Settings	Description
<FRONT INCOM> C08 TOP (MIC OFF) (PRIVATE) INCOM MIC: DYNAMIC MIC TYPE: UNBALANCE MIC GAIN: 0dB SIDE TONE: 50 PGM MIX : OFF PGM SEL : PGM1 PGM1 LVL: 50 PGM2 LVL: 50	—	(MIC ON), (MIC OFF), (PGM ON)	CCU front panel MIC/PGM switch position. (Display only)
	—	(PROD), (ENG), (PRIVATE)	CCU front panel INTERCOM switch position. (Display only)
	INCOM MIC	CARBON, ECM, DYNAMIC	Sets INCOM MIC according to the microphone of headset to be connected to the INTERCOM connector on the front of the unit. CARBON: Carbon microphone (power supply, 20dB gain) ECM: Electret condenser microphone (power supply, 40dB gain) DYNAMIC: Dynamic microphone (no power supply, 60dB gain)
	MIC TYPE	BALANCE, UNBALANCE	Sets INCOM MIC according to the microphone of headset to be connected to the INTERCOM connector on the front of the unit. BALANCE: Balanced microphone UNBALANCE: Unbalanced microphone
	MIC GAIN	−6dB, 0dB, +6dB	Sets the input gain.
	SIDE TONE	0 to 99	Sets the side tone level.
	PGM MIX	OFF, INCOM+PGM, L-INCOM/RPGM	OFF: Signals are not mixed. INCOM+PGM: INCOM and PGM signals are mixed. L-INCOM/R-PGM: Outputs an INCOM signal through the left channel and a PGM signal through the right.
	PGM SEL	PGM1, PGM2, PGM1 + PGM2	Sets the PGM level.
	PGM1 LVL	0 to 99	Sets the PGM1 level.
	PGM2 LVL	0 to 99	Sets the PGM2 level.

C09: PROMPT/TRUNK

Menu Image	Item		Settings	Description
<PROMPT/TRUNK> C09 TOP PROMPTER : 2CH NETWORK/TRUNK : OFF TRUNK SETTINGS CH : 2CH IF : 232C RATE : (19Kbps) TRANSMIT: AUTO CABLE : CAMERA CABLE AUX REMOTE: DISABLE	PROMPTER		1CH, 2CH	Sets the number of prompter lines.
	NETWORK/TRUNK		OFF, ON	The HD prompter cannot be used when this is set to ON. Note The HD prompter is available when HDC2500 series camera is used, but is not available when HAFX/TX is connected.
	TRUNK SETTINGS	CH	1CH, 2CH	Sets the number of channels to be used.
		IF	232C, 422A	Sets the communication line mode.
		RATE	(150Kbps), (75Kbps), (38Kbps), (19Kbps)	Display only Note (150Kbps) and (75Kbps) are selectable only when a high-speed TRUNK compatible camera is connected. - HDC2500 series - HDC1500R/LD series - HDC1500R series (Firmware version 2.11, PLD [DAP-33A] version 4.10, PLD [DPR-265A] version 3.02, PLD [SDI-84A] version 2.11 and later) - HDC1500/1500R series with built-in HKC-HB10/15 (Firmware version 3.20, PLD [DAP-33A] version 4.10, PLD [DPR-265A] version 3.02, PLD [SDI-95] version 1.11 and later)
	TRANSMIT		AUTO, HIGH BIT RATE, HD-SDI	Sets the optical transmission rate between the camera and CCU. (AUTO is recommended) Note When TRANSMIT is set to HIGH BIT RATE, HDC1500 series or HAFX/TX cannot be connected.
	CABLE		CAMERA CABLE, COAX	Sets the transmission format between the camera and CCU.
	AUX REMOTE		DISABLE, ENABLE	Sets whether to use AUX REMOTE. Note AES/EBU is not available when AUX REMOTE is set to ENABLE.

C10: VIDEO SETUP

Note

Q FILTER, G/Y SYNC, and VCS RELAY displayed only when HKCU1001 or 1003 is installed

Menu Image	Item	Settings	Description
<pre> <VIDEO SETUP> C10 TOP SETUP : OFF SD BLK CLP : ON Q FILTER : WD G/Y SYNC : OFF VCS RELAY : ON </pre>	SETUP	ON, OFF, ---	ON: Sets up VBS and SD YCD component signals to Ych-SYNC. OFF: No setup ---: Displayed when the format is PAL. (Unmodifiable)
	SD BLK CLP	OFF, ON	Y signals from SD SDI output that are less than 0% are clipped at 0%.
	Q FILTER	WD, NA	Sets the Q filter bandwidth.
	G/Y SYNC	OFF, ON	Sets the R/G/B component signal's G ch-SYNC to on/off.
	VCS RELAY	OFF, ON	Sets the PIX/WFM connector output.

C11: VIDEO ADJUST (when HKCU1001 or 1003 is installed)

Menu Image	Item		Settings	Description
<VIDEO ADJUST> C11 TOP VBS LEVEL : 0 CHROMA : 0 PIX LEVEL : 0 CHROMA : 0 WFM LEVEL : 0 CHROMA : 0	VBS	LEVEL	-99 to 99	Adjusts the VBS output video level.
		CHROMA		
	PIX	LEVEL	-99 to 99	Adjusts the PIX output video level.
		CHROMA		
	WFM	LEVEL	-99 to 99	Adjusts the WFM output video level.
		CHROMA		

C12: VIDEO ADJUST2 (when two HKCU1001 or HKCU1003 boards are installed)

Note

G/Y LEVEL, B/B-Y LEVEL, and R/R-Y LEVE displayed only when VDA-C board (HKCU 1003) is installed

Menu Image	Item		Settings	Description
<VIDEO ADJUST2> C12 TOP VBS LEVEL : 0 CHROMA: 0 PIX LEVEL : 0 CHROMA: 0 WFM LEVEL : 0 CHROMA: 0 G/Y LEVEL: 0 B/B-Y LEVEL: 0 R/R-Y LEVEL: 0	VBS	LEVEL	-99 to 99	Adjusts the VBS output video level.
		CHROMA		
	PIX	LEVEL	-99 to 99	Adjusts the PIX output video level.
		CHROMA		
	WFM	LEVEL	-99 to 99	Adjusts the WFM output video level.
		CHROMA		
	G/Y LEVEL		-99 to 99	Adjusts the G/Y output video level.
	B/B-Y LEVEL		-99 to 99	Adjusts the B/B-Y output video level.
	R/R-Y LEVEL		-99 to 99	Adjusts the R/R-Y output video level.

C13: MENU SETTING

Menu Image	Item		Settings	Description
<MENU SETTING> C13 TOP RESUME : ON ALARM JUMP : OFF RE DIRECTION CATEGORY : STD PAGE : STD ITEM : STD DATA : STD	RESUME		ON, OFF	Turns ON/OFF the function to display the previously displayed page when the menu is used.
	ALARM JUMP		ON, OFF	Turns ON/OFF the error-related page display function for when an error occurs while in menu mode.
	RE DIRECTION	CATEGORY	STD, RVS	STD: CONTROL knob clockwise rotation moves the CCU MENU pointer (→) down. RVS: CONTROL knob counter-clockwise rotation moves the CCU MENU pointer (→) down.
		PAGE	STD, RVS	STD: CONTROL knob clockwise rotation displays the next page in the menu. RVS: CONTROL knob counter-clockwise rotation displays the next page in the menu.
		ITEM	STD, RVS	STD: CONTROL knob clockwise rotation moves the pointer (→) down to the next item on the page. RVS: CONTROL knob counter-clockwise rotation moves the pointer (→) down to the next item on the page.
		DATA	STD, RVS	STD: CONTROL knob clockwise rotation selects the next data option. RVS: CONTROL knob counter-clockwise rotation selects the next data option.

C14: DISPLAY

Item and information display ON/OFF setting in the camera setting status screen of the status display screen (Refer to “3-2-1. Camera Settings”)

Menu Image	Item	Settings	Description
<DISPLAY> C14 TOP MESSAGE : ALL MASTER GAIN : ON EVS/SHUTTER : ON ND FILTER : ON CC FILTER : ON IRIS : ON EXTENDEA : ON	MESSAGE	ALL, WARNING, OFF	ALL: Displays all messages. WARNING: Displays system warning messages and menu control messages. OFF: Displays only menu control messages.
	MASTER GAIN	ON, OFF	Displays or hides the master gain indication.
	EVS/SHUTTER	ON	Displays or hides the ECS/shutter indication.
	ND FILTER	ON	Displays or hides the ND filter indication.
	CC FILTER	ON	Displays or hides the CC indication.
	IRIS	ON	Displays or hides the IRIS indication.
	EXTENDER	ON	Displays or hides the EXTENDER indication.

C15: DATE

Menu Image	Item	Settings	Description
<DATE> C15 TOP DATE/TIME 20xx/xx/xx 00:00 TIME ZONE 00:00	DATE/TIME	20YY/MM/DD hh : mm	Sets the date and time.
	TIME ZONE	-11h : 59m to +11h : 59m	Sets the time zone.

C16: TALLY INPUT

Menu Image	Item	Settings	Description
<TALLY INPUT> C16 TOP R-TALLY: POWER (24V) G-TALLY: POWER (24V) Y-TALLY: POWER (24V)	R-TALLY	CONTACT, POWER (24 V), POWER (TTL)	RED tally input setting
	G-TALLY	CONTACT, POWER (24 V), POWER (TTL)	GREEN tally input setting
	Y-TALLY	CONTACT, POWER (24 V), POWER (TTL)	YELLOW tally input setting

C17: OTHERS

Menu Image	Item	Settings	Description
<OTHERS> C17 TOP BOARD SELECT : DRX1 META DATA EMB : OFF VIDEO PAYLOAD : NEW INTER LOCK : OFF SYNC OUT : SD SYNC REF 10F BB : OFF CCU NO : 0 ASSIGNABLE : NONE CAM MENU : (OFF)	BOARD SE- LECT	DRX1, RC, DRX2, DRX3, DRX4	Selects the board to set.
	META DA- TA EMB	OFF, ON	Sets superimposition of metadata to ON/ OFF.
	VIDEO PAY- LOAD	NEW, OLD	Sets the VIDEO ID.
	INTER LOCK	OFF, ON	SDI output (3, 4) format linking function
	SYNC OUT	SD SYNC, HD SYNC	Sets the SYNC OUT connector.
	REF 10F BB	OFF, ON	Sets the 10F BB function.
	CCU NO	0 to 96	Sets the CCU number.
	ASSIGNA- BLE	NONE, BARS, CLEAN, CAM POWER, FORCE LEGA- CY	Sets the function for the assignable button. NONE: No assignment. BARS: Sets the color bar output to ON/ OFF. CLEAN: Sets character superimposition for all output slots to ON/OFF. CAM POWER: Sets camera power to ON/ OFF. FORCE LEGACY: Forces the communi- cation mode to LEGACY mode.
	CAM MENU	OFF, ON	Displays the camera menu. Notes - When CAM MENU is set to ON, menu operation shifts to the camera menu side, disabling operation of the CCU CONFIGURATION menu. - The camera menu is not displayed in the SD output.

3-5. NETWORK SETTINGS Menu

N01: IP ADDR SET

Menu Image	Item	Settings	Description
<pre> <IP ADDR SET> N01 TOP HOST IP ADDRESS 0. 0. 0. 0 SUB NET MASK 0. 0. 0. 0 DEFUALT GATEWAY 0. 0. 0. 0 SET </pre>	HOST IP ADDRESS	0.0.0.0 to 255.255.255.255	Displays the IP address.
	SUB NET MASK	0.0.0.0 to 255.255.255.255	Displays the subnet mask.
	DEFAULT GATEWAY	0.0.0.0 to 255.255.255.255	Displays the default gateway.
	SET	—	Determines changes in the page.

N02: LAN SETTING

Menu Image	Item		Settings	Description
<pre> <LAN SETTING> N02 TOP AUTO NEGOTIATION : ON AUTO MDIX : ON CONNECT CONFIGURATION CONNECT SPEED : 100M DUPLEX MODE : FULL MDI/MDIX SELECT : MDI LINK CONDITION : (DOWN) SET </pre>	AUTO NEGOTIATION		ON, OFF	Selects whether to automatically set the connection speed and communication system according to the device connected.
	AUTO MDIX		ON, OFF	Sets the communication line.
	CONNECT CONFIGURATION	CONNECTION SPEED	10M, 100M	Selects the connection speed. 10M: 10BASE-TX 100M: 100BASE-TX Available only when OFF is selected in AUTO NEGOTIATION.
		DUPLEX MODE	HALF, FULL	Selects the communication system. HALF: Half-duplex communication. FULL: Full-duplex communication. Available only when OFF is selected in AUTO NEGOTIATION.
		MDI/MDIX SELECT	MDI, MDIX	Selects the communication line.
	LINK CONDITION		(DOWN), (UP)	Displays connection status. (Display only) (DOWN): Connection failure (UP): Connection successful
	SET		—	Determines changes in the page.

N03: CNS SETTING

Menu Image	Item	Settings	Description
<CNS SETTING> N03 TOP CNS MODE: LEGACY MCS MODE: (CLIENT) CCU NO : (1) MASTER IP ADDRESS 0. 0. 0. 0	CNS MODE	LEGACY, BRIDGE, MCS	Sets the communication mode.
	MCS MODE	(CLIENT)	Displays that the CCU is a CLIENT.
	CCU NO	blank, 1 to 96	Displays CCU number.
	MASTER IP ADDRESS	0.0.0.0 to 255.255.255.255	Sets the master device's IP address for MCS mode.

N04: NETWORK RESET

Menu Image	Item	Settings	Description
<NETWORK RESET> N04 TOP ALL RESET	ALL RSET	—	Re-sets all settings in the NETWORK SETTINGS menu to factory settings.

3-6. VE OPERATION Menu

V01: REFERENCE

Menu Image	Item	Description
<pre> <REFERENCE> →V01 TOP STORE FILE STANDARD ALL PRESET READ (MS →CAM) WRITE (CAM→MS) M.S FORMAT FILE ID : CAM CODE: DATE </pre>	STORE FILE	Registers the current values of the VE OPERATION menu and MAINTENANCE menu as reference.
	STANDARD	Calls the registered standard state.
	ALL PRESET	Restores the factory settings.
	READ (MS→CAM)	Reads the reference file from the memory stick and transfers it to the camera.
	WRITE (CAM→MS)	Writes the reference file stored in the camera to the memory stick.
	M.S FORMAT	Formats the memory stick.
	FILE ID	Displays and edits the comment information of the reference file stored in the memory stick.
	CAM CODE	Model name information of the reference file stored in the memory stick.
	DATA	Reference file save date information stored in the memory stick.

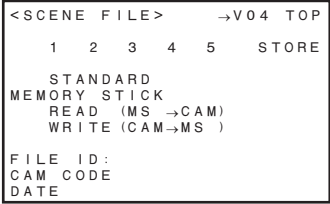
V02: LENS FILE

Menu Image	Item	Description
<pre> <LENS FILE> →V02 TOP STORE FILE No. : 1 NAME: A10x4.8 </pre>	STORE FILE	Registers the current adjustment values as a lens file selected with “No.” (1 to 16).
	No.	Selects a file corresponding to the mounted lens from the lens file (16 types).
	NAME	Displays and edits the lens name selected with “No.” (1 to 16).

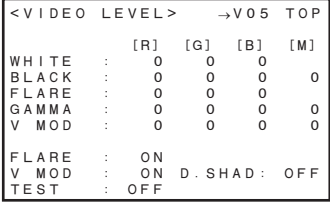
V03: OHB FILE

Menu Image	Item	Description
<pre> <OHB FILE> →V03 TOP STORE FILE </pre>	STORE FILE	Registers the current adjustment values as an OHB file.

V04: SCENE FILE

Menu Image	Item	Description
	1 to 5, STORE	When STORE operation is not used: Call the relevant scene file using the file number selection menu. After that, the indication of “STORE” is highlighted. To cancel the call, select the file number again. When STORE operation is used: Place the cursor at “STORE” and turn the CANCEL/ENTER lever to the ENTER side. A message “STORE NO?” appears and the indication of "STORE" is highlighted. Save the relevant scene file using the file number selection menu.
	STANDARD	Calls the registered reference file.
	READ (MS→CAM)	Reads the scene file from the memory stick and transfers it to the camera.
	WRITE (CAM→MS)	Acquires the scene file stored in the camera using the file transfer, and writes it to the memory stick.
	FILE ID	Comment information of the reference file stored in the memory stick. It can be edited from the menu.
	CAM CODE	Model name information of the scene file stored in the memory stick.
	DATE	Scene file save date information stored in the memory stick.

V05: VIDEO LEVEL

Menu Image	Item	Settings
	WHITE R/G/B	±99
	BLACK R/G/B/M	±99
	FLARE R/G/B	±99
	GAMMA R/G/B/M	±99
	V MOD R/G/B/M	±99
	FLARE	ON/OFF
	V MOD	ON/OFF
	D.SHAD	ON/OFF
	TEST	OFF/1/2

V06: GAMMA

Menu Image	Item	Settings
<pre> <GAMMA> →V06 TOP LEVEL : [R] [G] [B] [M] 0 0 0 0 COARSE : 0.45 GAMMA TYPE : 5 : BVW-400 GAMMA : ON TEST : OFF </pre>	LEVEL R/G/B/M	±99
	COARSE	0.90 to 0.35
	GAMMA TYPE	0 to 8
		Type Name
		0 ----
		1 ×3.5
		2 ×4.5
		3 CAMCORDER
		4 ×5.0
		5 BVW-400
		6 SMPTE-240M
		7 ITU-R709
		8 FILM
	GAMMA	ON/OFF
	TEST	OFF/1/2

V07: BLACK GAMMA

Menu Image	Item	Settings
<pre> <BLACK GAMMA> →V07 TOP LEVEL : [R] [G] [B] [M] 0 0 0 0 RANGE : HIGH : OFF TEST : OFF </pre>	LEVEL R/G/B/M	±99
	RANGE	LOW/MID L/MID H/HIGH ON/OFF
	TEST	OFF/1/2

V08: KNEE

Menu Image	Item	Settings
<pre> <KNEE> →V08 TOP K POINT : [R] [G] [B] [M] 0 0 0 0 K SLOPE : 0 0 0 0 KNEE : ON KNEE MAX : OFF KNEE SAT : 0 : OFF AUTO KNEE : OFF POINT LIMIT : 0 SLOPE : 0 </pre>	K POINT R/G/B/M	±99
	K SLOPE R/G/B/M	±99
	KNEE	ON/OFF
	KNEE MAX	ON/OFF
	KNEE SAT	±99 ON/OFF
	AUTO KNEE	OFF/AUTO
	POINT LIMIT	±99
	SLOPE	±99

V09: WHITE CLIP

Menu Image	Item	Settings
<pre> <WHITE CLIP> →V09 TOP W-CLIP : [R] [G] [B] [M] : 0 0 0 0 : ON </pre>	W-CLIP R/G/B/M	±99 ON/OFF

V10: USER MATRIX

Menu Image	Item	Settings
<pre> <USER MATRIX> →V10 TOP R : [-R] [-G] [-B] G : -- 0 -- 0 B : 0 -- 0 -- MATRIX : OFF PRESET : --- USER MATRIX : --- ADAPTIVE MATRIX : --- </pre>	MATRIX R-G/R-B	±99
	MATRIX G-R/G-B	±99
	MATRIX B-R/B-G	±99
	MATRIX	ON/OFF
	PRESET	ON/OFF
	USER MATRIX	ON/OFF
	ADAPTIVE MATRIX	ON/OFF

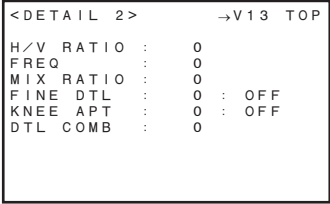
V11: MULTI MATRIX

Menu Image	Item	Settings	Description
<pre> <MULTI MATRIX> →V11 TOP PHASE : 0 HUE : 0 SAT : 0 ALL CLEAR MATRIX : OFF PRESET : --- MULTI MATRIX : --- </pre>	PHASE	0, 23, 45, 68, 90, 113, 135, 158, 180, 203, 225, 248, 270, 293, 315, 338	Selects an angle (from 16 angles) that varies the multi-matrix correction function.
	HUE	±99	Adjusts the multi-matrix correction value of hue for each PHASE (16 angles).
	SAT	±99	Adjusts the multi-matrix correction value of saturation for each PHASE (16 angles).
	ALL CLEAR		Clears HUE and SAT of all 16 angles to 0.
	MATRIX	ON/OFF	
	PRESET	ON/OFF	
	MULTI MATRIX	ON/OFF	

V12: DETAIL 1

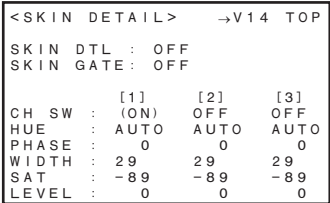
Menu Image	Item	Settings	
<DETAIL 1> →V12 TOP DETAIL : ON LEVEL : 0 LIMITER [M] : 0 LIMITER [WHT] : 0 LIMITER [BLK] : 0 CRISP : 0 LVL DEP : 0 : ON	DETAIL	ON/OFF	
	LEVEL	±99	
	LIMITER	[M]	±99
		[WHT]	±99
		[BLK]	±99
	CRISP	±99	
	LEVEL DEP	±99 ON/OFF	

V13: DETAIL 2

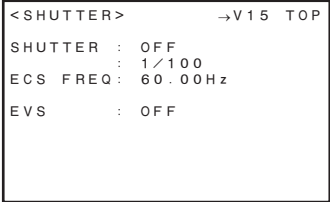
Menu Image	Item	Settings
 <pre> <DETAIL 2> →V13 TOP H/V RATIO : 0 FREQ : 0 MIX RATIO : 0 FINE DTL : 0 : OFF KNEE APT : 0 : OFF DTL COMB : 0 </pre>	H/V RATIO	±99
	FREQ	±99
	MIX RATIO	±99
	FINE DTL	±99 ON/OFF
	KNEE APT	±99 ON/OFF
	DTL COMB	±99

V14: SKIN DETAIL

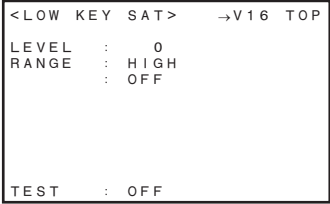
This unit controls only channel [1].

Menu Image	Item	Settings	Description
 <pre> <SKIN DETAIL> →V14 TOP SKIN DTL : OFF SKIN GATE: OFF CH SW [1] [2] [3] : (ON) OFF OFF HUE : AUTO AUTO AUTO PHASE : 0 0 0 WIDTH : 29 29 29 SAT : -89 -89 -89 LEVEL : 0 0 0 </pre>	SKIN DTL	ON/OFF	
	SKIN GATE	ON/OFF	
	CH SW 1/2/3	ON/OFF	
	HUE 1/2/3		Place the cursor at “AUTO” and turn the CANCEL/ENTER lever to the ENTER side. A message “AUTO HUE1:STANDBY” appears and the cursor changes to “?”. When the CANCEL/ENTER lever is turned to the ENTER side again, AUTO HUE is executed.
	PHASE 1/2/3	0, 359 to 270 to 180 to 90	The setting value decreases when the rotary encoder is rotated clockwise.
	WIDTH 1/2/3	±99	
	SAT 1/2/3	±99	
	LEVEL 1/2/3	±99	

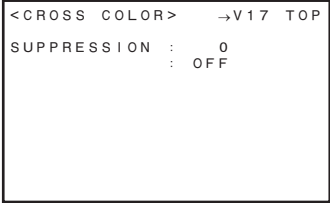
V15: SHUTTER

Menu Image	Item	Settings
 <pre> <SHUTTER> →V15 TOP SHUTTER : OFF : 1/100 ECS FREQ: 60.00Hz EVS : OFF </pre>	SHUTTER (SPEED)	ON/OFF 1/100 → 1/125 → ... → 1/2000 → ECS → 1/100
	ECS FREQ	
	EVS	ON/OFF

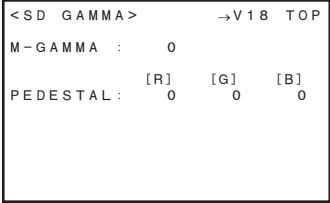
V16: LOW KEY SAT

Menu Image	Item	Settings
	LEVEL	±99
	RANGE	LOW/MID L/MID H/HIGH ON/OFF
	TEST	OFF/1/2

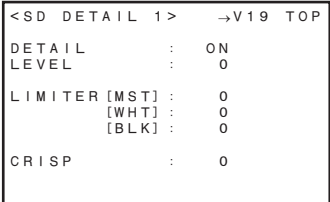
V17: CROSS COLOR

Menu Image	Item	Settings
	SUPPRESSION	±99 ON/OFF

V18: SD GAMMA

Menu Image	Item	Settings
	M-GAMMA	±99
	PEDESTAL R/G/B	±99

V19: SD DETAIL 1

Menu Image	Item		Settings
	DETAIL		ON/OFF
	LEVEL		±99
	LIMITER	[MST]	±99
		[WHT]	±99
		[BLK]	±99
	CRISP		±99

V20: SD DETAIL 2

Menu Image	Item	Settings
<pre> <SD DETAIL 2> →V20 TOP H-DETAIL FREQ : 0 H/V RATIO : 0 V-DTL MODE : H/V DTL COMB : 0 LEVEL DEP : 0 LEVEL DEP GAIN: 0 </pre>	H-DETAIL FREQ	±99
	H/V RATIO	±99
	V-DTL MODE	H/V, V ONLY
	DTL COMB	±99
	LEVEL DEP	±99
	LEVEL DEP GAIN	±99

V21: SD CROSS COLOR

Menu Image	Item	Settings
<pre> <SD CROSS COLOR>→V21 TOP CCR : OFF CCR LEVEL : 0 CCR CORING: 0 </pre>	CCR	ON/OFF
	CCR LEVEL	±99
	CCR CORING	±99

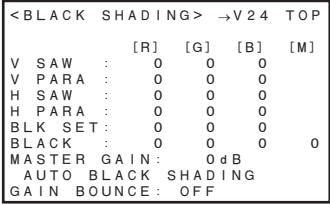
V22: SD USER MATRIX

Menu Image	Item	Settings
<pre> <SD USER MATRIX>→V22 TOP [-R] [-G] [-B] [R] : -- : 0 : 0 [G] : 0 : -- : 0 [B] : 0 : 0 : -- MATRIX : OFF PRESET MATRIX: ON USER MATRIX : OFF </pre>	R-G/R-B	±99
	G-R/G-B	±99
	B-R/B-G	±99
	MATRIX	ON/OFF
	PRESET MATRIX	ON/OFF
	USER MATRIX	ON/OFF

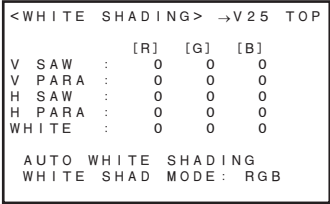
V23: SD MULTI MATRIX

Menu Image	Item	Settings	Description
<pre> <SD MULT MATRIX>→V23 TOP PHASE : 0 (0) HUE : 0 SATURATION : 0 ALL PRESET MATRIX : OFF PRESET MATRIX: ON MULTI MATRIX : OFF </pre>	PHASE	0, 23, 45, 68, 90, 113, 135, 158, 180, 203, 225, 248, 270, 293, 315, 338	Selects an angle (from 16 angles) that varies the SD multi-matrix correction function.
	HUE	±99	Adjusts the SD multi-matrix correction value of hue for each PHASE (16 angles).
	SATURATION	±99	Adjusts the SD multi-matrix correction value of saturation for each PHASE (16 angles).
	ALL PRESET		
	MATRIX	ON/OFF	
	PRESET MATRIX	ON/OFF	
	MULTI MATRIX	ON/OFF	

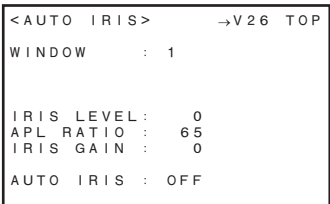
V24: BLACK SHADING

Menu Image	Item	Settings	Description
	V SAW R/G/B	±99	
	V PARA R/G/B	±99	
	H SAW R/G/B	±99	
	H PARA R/G/B	±99	
	BLK SET R/G/B	±99	
	BLACK R/G/B/M	±99	
	MASTER GAIN	-3dB to +12dB	
	AUTO BLACK SHADING		To execute: Place the cursor at “AUTO BLACK SHADING”, and turn the CANCEL/ENTER lever to the ENTER side. To cancel: Turn the CANCEL/ENTER lever to the ENTER side during execution.
	GAIN BOUNCE	ON/OFF	

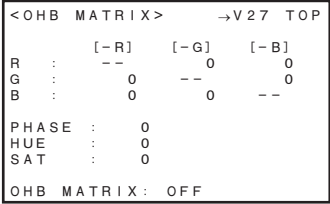
V25: WHITE SHADING

Menu Image	Item	Settings	Description
	V SAW R/G/B	±99	
	V PARA R/G/B	±99	
	H SAW R/G/B	±99	
	H PARA R/G/B	±99	
	WHITE R/G/B	±99	
	AUTO WHITE SHADING		To execute: Place the cursor at “AUTO WHITE SHADING” and turn the CANCEL/ENTER lever to the ENTER side. To cancel: Turn the CANCEL/ENTER lever to the ENTER side during execution.
	WHITE SHAD MODE	RB/RGB	

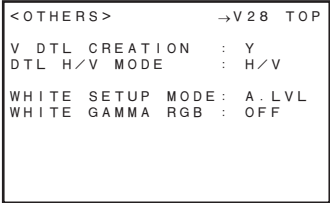
V26: AUTO IRIS

Menu Image	Item	Settings
	WINDOW	1 to 6
	IRIS LEVEL	±99
	APL RATIO	±99
	IRIS GAIN	±99
	AUTO IRIS	ON/OFF

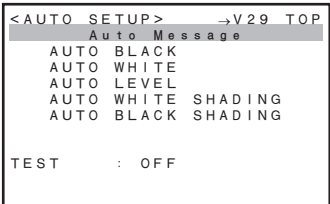
V27: OHB MATRIX

Menu Image	Item	Settings	Description
	R-G/R-B	±99	
	G-R/G-B	±99	
	B-R/B-G	±99	
	PHASE	0, 23, 45, 68, 90, 113, 135, 158, 180, 203, 225, 248, 270, 293, 315, 338	Selects an angle (from 16 angles) that varies the OHB matrix correction function.
	HUE	±99	Adjust the OHB multi-matrix correction value of hue for each PHASE (16 angles).
	SAT	±99	Adjusts the OHB multi-matrix correction value of saturation for each PHASE (16 angles).
	OHB MATRIX	ON/OFF	

V28: OTHERS

Menu Image	Item	Settings
	V DTL CREATION	NAM/G/R+G/Y
	DTL H/V MODE	H/V, V ONLY
	WHITE SETUP MODE	A.LVL/RGB
	WHITE GAMMA RGB	ON/OFF

V29: AUTO SETUP

Menu Image	Item	Settings	Description
	AUTO BLACK		To execute: Place the cursor at the item to be adjusted. Turn the CANCEL/ENTER lever to the ENTER side. To cancel: Turn the CANCEL/ENTER lever to the ENTER side during execution.
	AUTO WHITE		
	AUTO LEVEL		
	AUTO WHITE SHADING		
	AUTO BLACK SHADING		
	TEST	OFF/1/2	

The following messages are displayed in the shaded Auto Message.

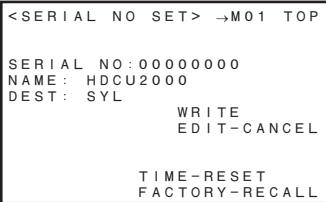
Adjustment item	Preparation for execution	During execution	Normal end	Abnormal end	Cancel
AUTO BLACK	—	ABB:EXECUTING	ABB:OK	ABB:NG	ABB:BREAK
AUTO WHITE	—	AWB:EXECUTING	AWB:OK	AWB:NG	AWB:BREAK
AUTO LEVEL	—	LEVEL AUTO:EXECUTING	LEVEL AUTO:OK	LEVEL AUTO:NG	LEVEL AUTO:BREAK
AUTO WHITE SHADING	—	AWS:EXECUTING	AWS:OK	AWS:NG	AWS:BREAK
AUTO BLACK SHADING	—	ABS:EXECUTING	ABS:OK	ABS:NG	ABS:BREAK

V30: CCU VIDEO

Menu Image	Item	Settings	Description
<CCU VIDEO> →V30 TOP VBS CHROMA : ON MONO COLOR : OFF PHASE : 0 SATURATION : 0	VBS CHROMA	ON/OFF	
	MONO COLOR	ON/OFF	
	PHASE	0, 359 to 270 to 180 to 90	The setting value decreases when the rotary encoder is rotated clockwise.
	SATURATION	±99	

3-7. MAINTENANCE Menu

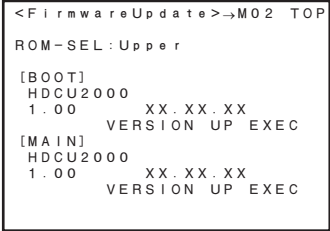
M01: SERIAL NO SET

Menu Image	Item	Settings	Description
	SERIAL NO	00000000 to 99999999	The setup information is stored in the EEPROM (IC101) on the AT-167A board. To modify the setup information, set S101 (PROTECT) on the AT-167A board to OFF.
	NAME	HDCU2000	
	DEST	SYL Common J Japan UC United States CE Europe	
	WRITE		
	EDIT CANCEL		Writes the above setup information to the EEPROM. Place the cursor at “WRITE” and turn the CANCEL/ENTER lever to the ENTER side. A message “SERIAL NO WRITE OK?” appears. Turn the CANCEL/ENTER lever to the ENTER side again to perform the processing.
	TIME-RESET		Restores the setup information during editing to the previous information before editing. Place the cursor at “EDIT-CANCEL” and turn the CANCEL/ENTER lever to the ENTER side. A message “EDIT DATA CANCEL OK?” appears. Turn the CANCEL/ENTER lever to the ENTER side again to perform the processing.
	FACTORY-RECALL		Resets the timer for displaying power-on hours. Resets all the setting values except the following items to the factory settings. - Media access control (MAC) address - Serial number - Power-on hours display timer - Setting values stored in the EEPROM on the AT-167A board through the PLD.

Processing result indication

Setting Item	Normal end	Abnormal end	Description
WRITE	SERIAL NO WRITE OK	EEPROM WRITE PROTECTED	S101 (PROTECT) on the AT-167A board is set to ON.
		MODEL NAME IS WRONG	The NAME (model name) setting is not correct.
		DEST NAME IS WRONG	The DEST (destination) setting is not correct.
		SERIAL NO WRITE NG	Data cannot be written to the EEPROM.
EDIT-CANCEL	EDIT DATA CANCEL OK	—	

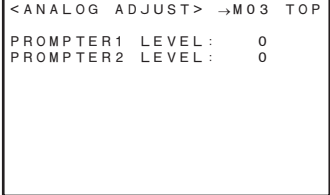
M02: Firmware Update

Menu Image	Item	Description
	ROM-SEL	Fixed to Upper (Factory use)
	BOOT	BOOT version information.
	VERSION UP EXEC	Place the cursor at “VERSION UP EXEC” and turn the CANCEL/ENTER lever to the ENTER side. A message “UPDATE BOOT BLOCK ?” appears. Turn the CANCEL/ENTER lever to the ENTER side again to perform the processing.
	MAIN	MAIN version information.
	VERSION UP EXEC	Place the cursor at “VERSION UP EXEC” and turn the CANCEL/ENTER lever to the ENTER side. A message “UPDATE BOOT BLOCK ?” appears. Turn the CANCEL/ENTER lever to the ENTER side again to perform the processing.

If an error is detected during memory stick read operation, any of the following messages is displayed.

- MS NOT FOUND: Memory stick is not inserted.
- MS-FILE NOT FOUND: The target file is not found in the memory stick.
- MS-FILE SIZE ERR: File size is not correct.
- MS-FILE READ ERR: Memory stick read error.

M03: ANALOG ADJUST

Menu Image	Item	Settings	Description
	PROMPTER1 LEVEL	±99	Prompter 1 signal level adjustment
	PROMPTER2 LEVEL	±99	Prompter 2 signal level adjustment

M04: OTHERS

Menu Image	Item	Settings	Description
<OTHERS> →M04 TOP CAM POWER REMOTE: NORMAL MIC REMOTE : MIC 1&2 : STANDARD PNL ASPECT: DISABLE RCP PIX CTRL : DISABLE MSU MONI SEL : DISABLE	CAM POWER REMOTE	NORMAL, BACKUP	NORMAL: When CCU is turned on, camera power is forcibly turned on BACKUP: When CCU is turned off, command status from the remote panel is retained.
	MIC REMOTE	MIC1 &2, MIC1,2, MIC+NETWORK	MIC1 &2: MIC1 amplifier gain and MIC2 amplifier gain are common. MIC1,2: MIC1 amplifier gain and MIC2 amplifier gain are independent. MIC+NETWORK: - MIC1 amplifier gain and MIC2 amplifier gain are common. - Pin 14 is forced LEGACY.
		STANDARD, HDCU2000	STANDARD: Standard HDCU2000: Same setting as HDCU2000
	PNL ASPECT	ENABLE, DISABLE	When MIC REMOTE is connected, ASPECT from the remote panel is operated.
	RCP PIX CTRL	ENABLE, DISABLE	Control from RCP PIX is prioritized.
	MSU MONI SEL	ENABLE, DISABLE	Control from MSU PIX is prioritized.

Section 4

Replacement of Main Parts

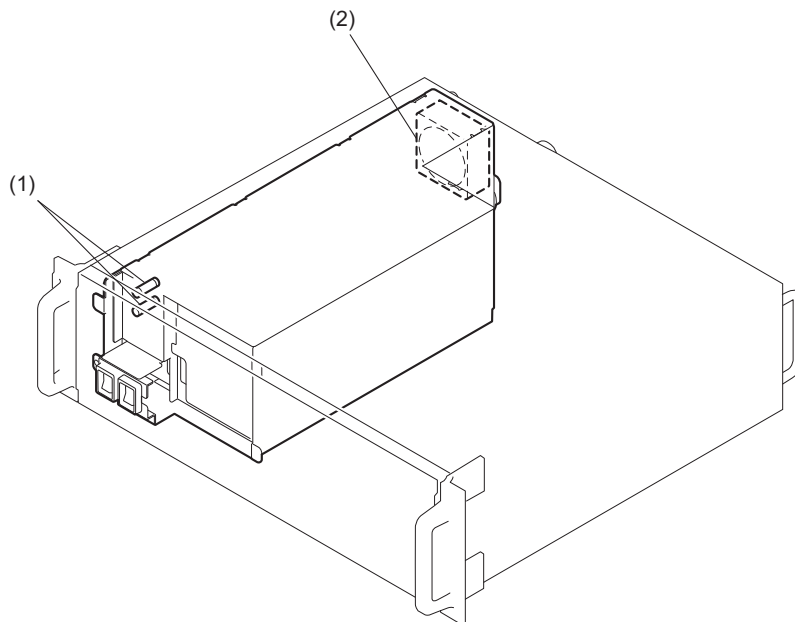
4-1. General Information for Parts Replacement

4-1-1. Index

The parts that are explained in each replacement procedure in this section are shown below.

Mechanical parts

No.	Part Name	Procedure
(1)	Fuse	Refer to “4-2-2. Fuse”
(2)	DC Fan	Refer to “4-2-3. DC Fan”

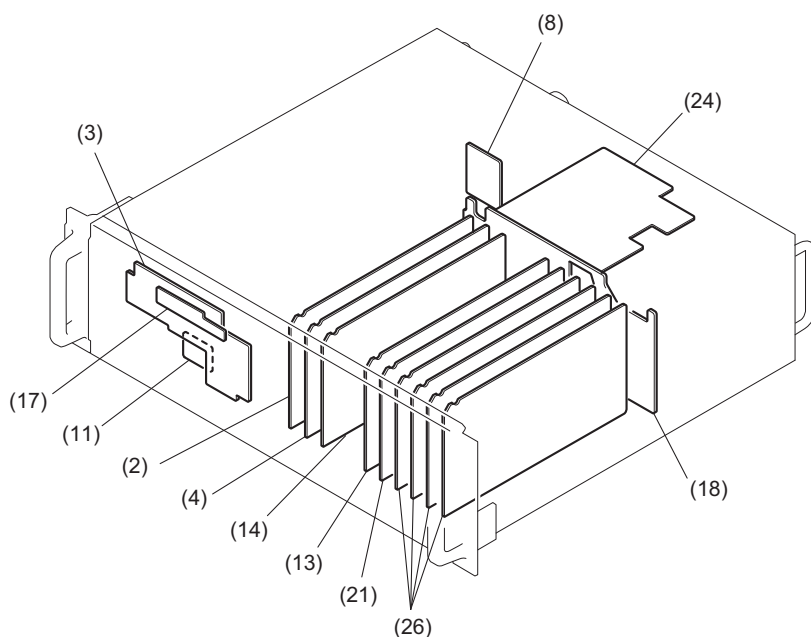


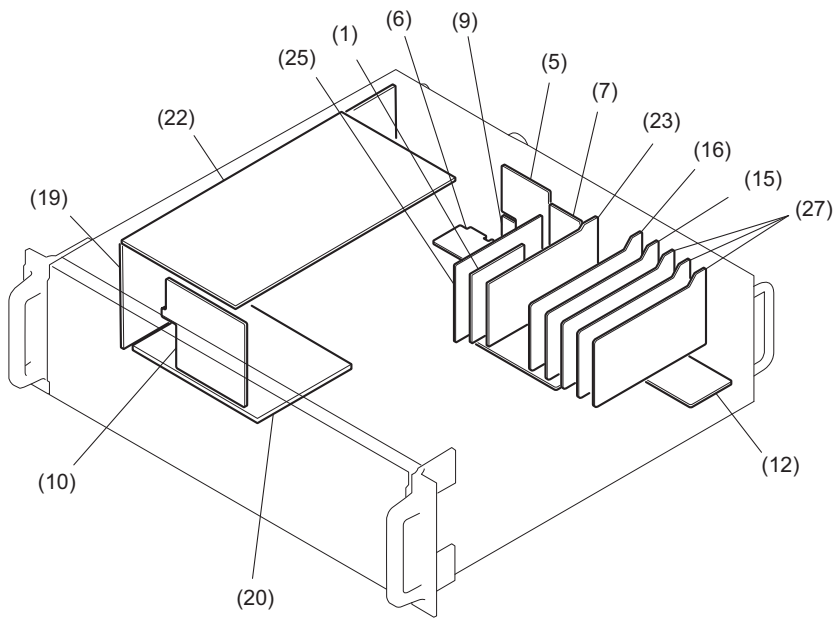
Mounted Circuit Boards

No.	Part Name	Procedure
(1)	ADO-12 Board	Refer to “4-6-4. ADO-12 Board”
(2)	AT-167A Board	Refer to “4-5-1. Installing/Removing Plug-in Boards on the Front Side”
(3)	AU-339 Board	Refer to “4-3-2. AU-339 Board/LE-378 Board”
(4)	AVP-15 Board	Refer to “4-5-1. Installing/Removing Plug-in Boards on the Front Side”
(5)	CN-2672GA Board	Refer to “4-4-3. CN-2672GA Board”
(6)	CN-2673 Board	Refer to “4-4-4. CN-2673 Board”
(7)	CN-2674G Board	Refer to “4-6-1. SDI-98 Board/CN-2674G Board”
(8)	CN-2718 Board	Refer to “4-6-2. CN-2718 Board”
(9)	CN-2805G Board	Refer to “4-4-5. CN-2805G Board”
(10)	CN-3275 Board	Refer to “4-2-4. CN-3275 Board”
(11)	CN-3450 Board	Refer to “4-3-1. CN-3450 Board”

Continued

No.	Part Name	Procedure
(12)	CNB-28A Board	Refer to “4-6-5. CNB-28A Board”
(13)	DRX-9 Board	Refer to “4-5-1. Installing/Removing Plug-in Boards on the Front Side”
(14)	DTX-9 Board	Refer to “4-5-1. Installing/Removing Plug-in Boards on the Front Side”
(15)	HIF-26 Board	Refer to “4-5-2. Installing/Removing Plug-in Boards on the Rear Side”
(16)	HIF-57 Board	Refer to “4-5-2. Installing/Removing Plug-in Boards on the Rear Side”
(17)	LE-378 Board	Refer to “4-3-2. AU-339 Board/LE-378 Board”
(18)	MB-1180 Board	Refer to “4-6-6. MB-1180 Board”
(19)	PS-780 Board	Refer to “4-2-6. PS-780 Board”
(20)	PS-781 Board	Refer to “4-2-7. PS-781 Board”
(21)	RC-105 Board	Refer to “4-5-1. Installing/Removing Plug-in Boards on the Front Side”
(22)	RE-276 Board	Refer to “4-2-5. RE-276 Board”
(23)	SDI-98 Board	Refer to “4-6-1. SDI-98 Board/CN-2674G Board”
(24)	SDP-17 Board	Refer to “4-4-2. SDP-17 Board”
(25)	VIF-52 Board	Refer to “4-6-3. VIF-52 Board”
(26)	VDA-64A Board (HKCU1001) VDA-64A Board (HKCU1003) VDA-64B Board (HKCU1003) HIF-57 Board (HKCU2007)	Refer to “4-5-1. Installing/Removing Plug-in Boards on the Front Side”
(27)	EN-159A Board (HKCU1001) DRX-9 Board (HKCU2007) EN-159B Board (HKCU1003)	Refer to “4-5-2. Installing/Removing Plug-in Boards on the Rear Side”





4-1-2. Basic Knowledge

Replacing the Main Parts

Be sure to perform the following operation when replacing or removing the main parts.

- Turn off the main power and disconnect the plug from the outlet.

Note

Wait for at least three minutes before starting replacement, because even after turning off the power, a high voltage remains in the machine that could cause electric shock.

Flexible Card Wire

When connecting flexible card wires, connect them firmly referring to [“1-10. Replacing the Flexible Card Wires”](#).

4-2. Power Supply Unit

4-2-1. Removing/Installing the Power Block Assembly (A10)

WARNING

The components marked $\triangle$ are critical to safe operation. If any of them is replaced with an unspecified part, it may result in a fire or electric shock.

CAUTION

When repairing or replacing the power supply block, set the voltage. Incorrect voltage setting may result in a fire or electric shock.

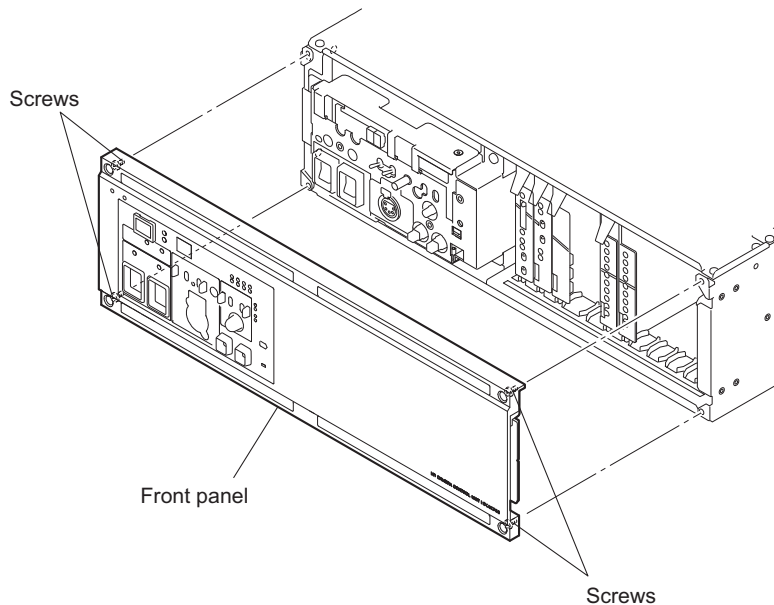
- When repairing or replacing the power block assembly (A10), set to the same power supply voltage as that of repair work bench.
- When delivering the unit to the user, adjust the power supply voltage to suit it to the user.

Gently remove or attach the power block assembly (A10) holding it by hand.

Otherwise, the power block assembly may fall, causing an injury.

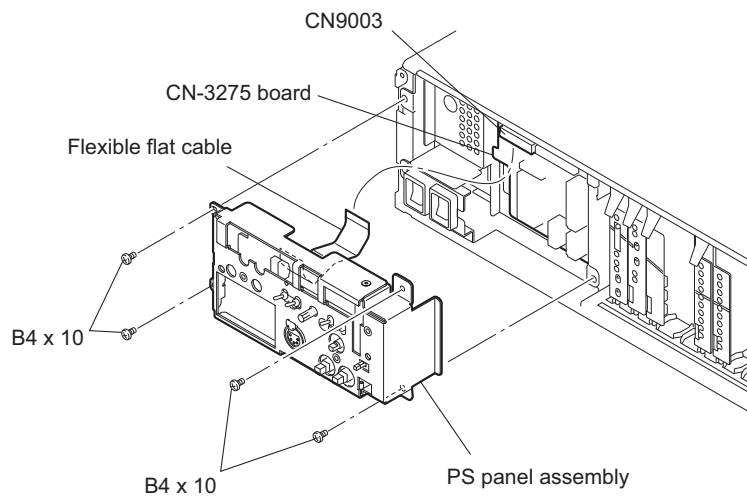
Procedure

1. Loosen the four screws to detach the front panel.

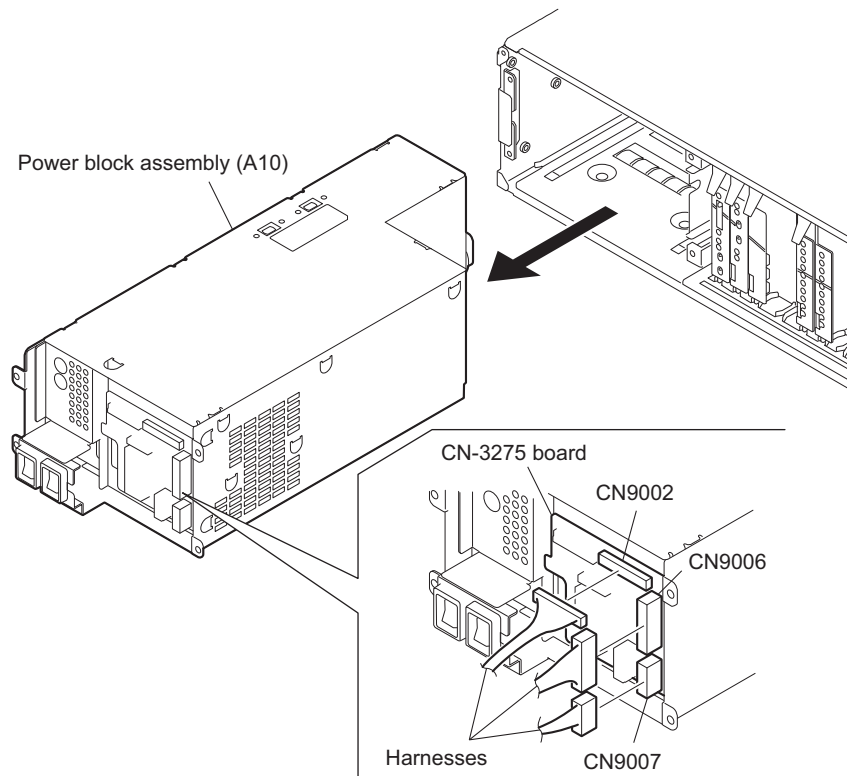


2. Remove the four screws and disconnect the flexible flat cable from the connector CN9003 on the CN-3275 board.

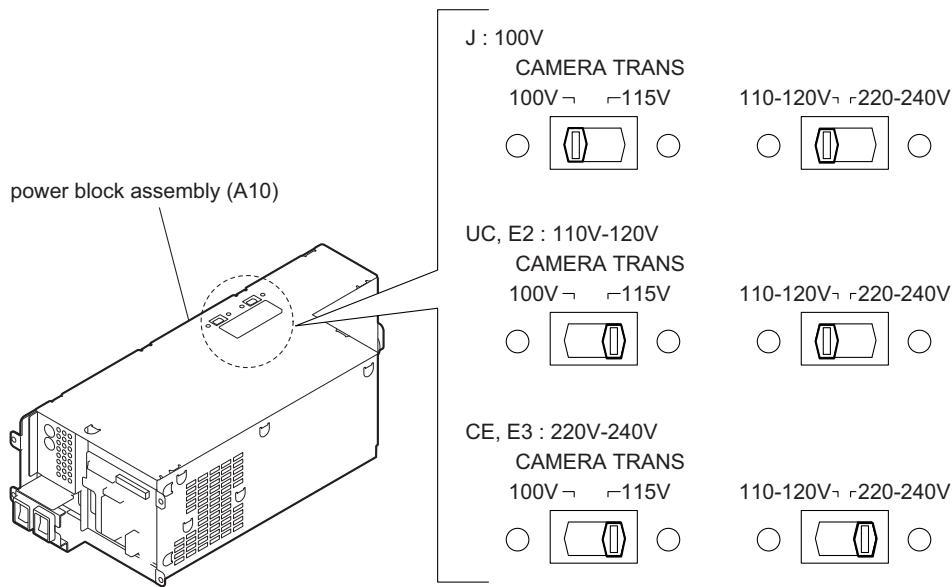
3. Remove the PS panel assembly.



4. Disconnect the three harnesses from the connectors CN9002, CN9006, and CN9007 on the CN-3275 board.
5. Remove the power block assembly (A10) from the main frame in the direction of arrow.



- Set the two voltage selectors on the power block assembly (A10) to the settings shown in the diagram.



- Check if the CAMERA fuse of the replacement power block assembly (A10) adapts to the working power voltage. If not, replace it with the one adapting to the working power voltage. (Refer to “4-2-2. Fuse”)

Note

If the rating of the fuse does not adapt to the working power voltage, the safety is not ensured. So, the CAMERA fuse needs to be replaced with the one adapting to the working power voltage.

- Install the power block assembly (A10) in the reverse order.

4-2-2. Fuse

Note

The components marked $\triangle$ are critical to safe operation. If any of them is replaced with an unspecified part, it may result in a fire or electric shock.

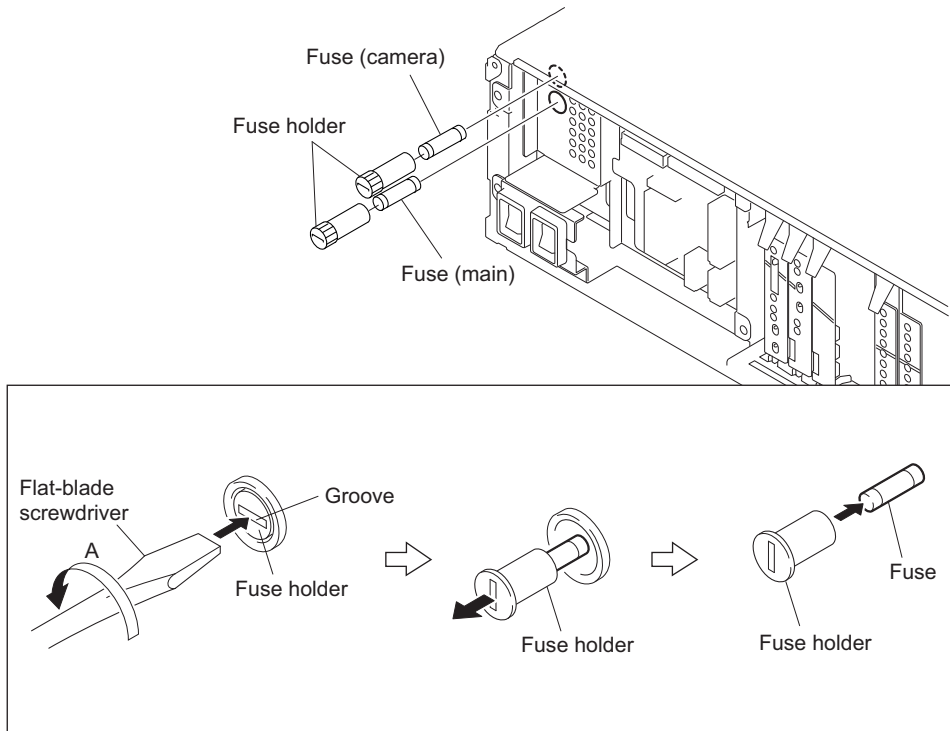
Replacement Part

- MAIN fuse
Part : $\triangle$ Fuse (3.15 A, 250 V)
- CAMERA Fuse
For 100 to 120 V setting
Part : $\triangle$ Fuse (8 A, 250 V)
For 220 to 240 V setting
Part : $\triangle$ Fuse (6.3 A, 250 V)

Procedure

- Remove the PS panel assembly. (Refer to “4-2-1. Removing/Installing the Power Block Assembly (A10)”)
- Insert a flat-blade screwdriver into the groove of the fuse holder, and rotate it in the direction of arrow A (by about 90 degrees) to unlock it.
- Remove the fuse holder with the fuse.

4. Remove the fuse from the fuse holder.



5. Install the fuse in the reverse order.

4-2-3. DC Fan

CAUTION

If the fan is defective, the temperature inside HDCU2000 will rise. Touching the inside of the unit in this state may cause a burn. Replace the parts after turning off the power and cooling the inside.

The fans that are used in the rear panel of HDCU2000 are recommended replacement parts. The lifetime of these fans is about 30,000 hours, which means that the fans can be used for about three and a half years if the power is on all the time. Therefore, the fans should be replaced every three and a half years as a guideline.

When replacing, be sure to use the specified part.

Replacing part

Part name: DC fan

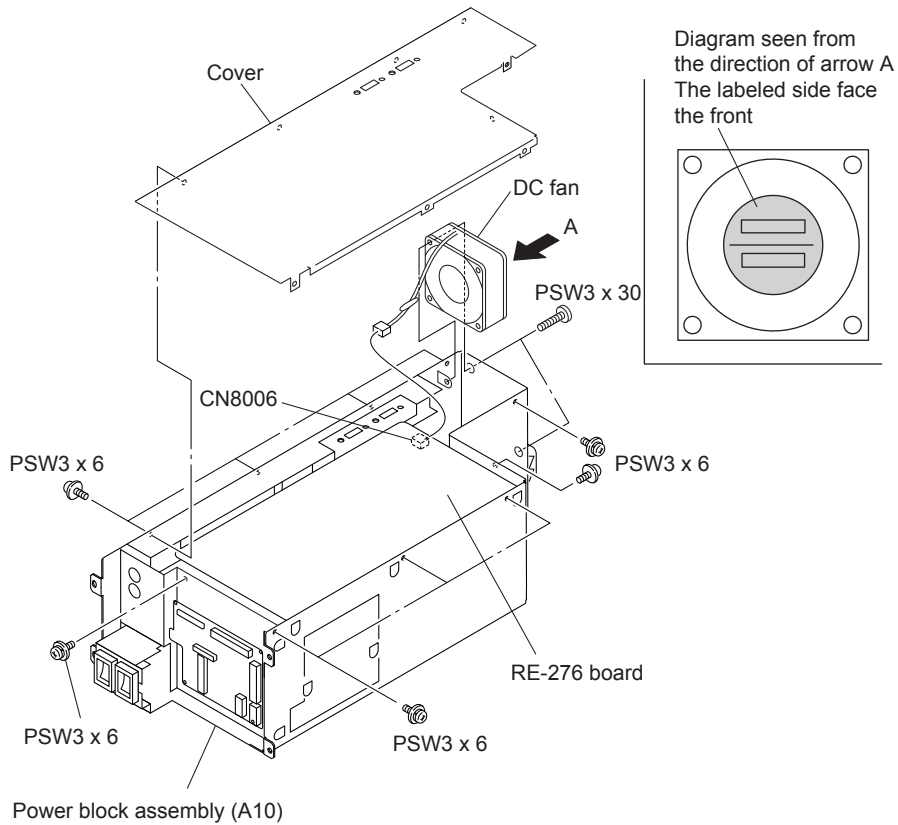
Preparation

1. Remove the Power Block Assembly (A10). (Refer to [“4-2-1. Removing/Installing the Power Block Assembly \(A10\)”](#))

Procedure

1. Remove the ten screws (PSW3 x 6) to detach the cover.
2. Disconnect the harness from the connector CN8006 on the RE-276 board.

3. Remove the two screws (PSW3 x 30) to detach the DC fan.

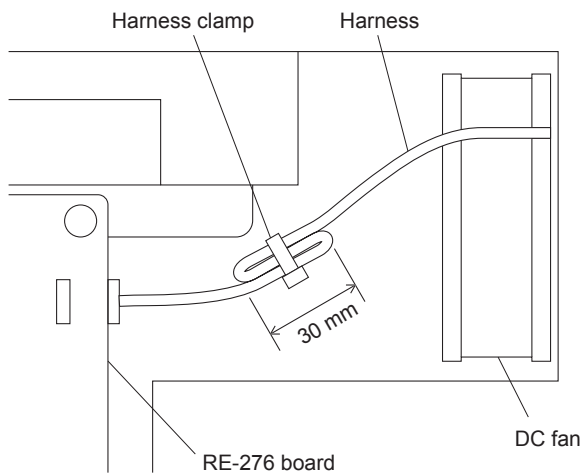


4. Install the DC fan by reversing steps 4 to 5.

Note

Install the DC fan in the orientation shown in the figure above.

5. Take in the slack of the DC fan harness at the harness clamp as shown in the figure.



6. Install the power block assembly (A10) by reversing steps 1 to 3.

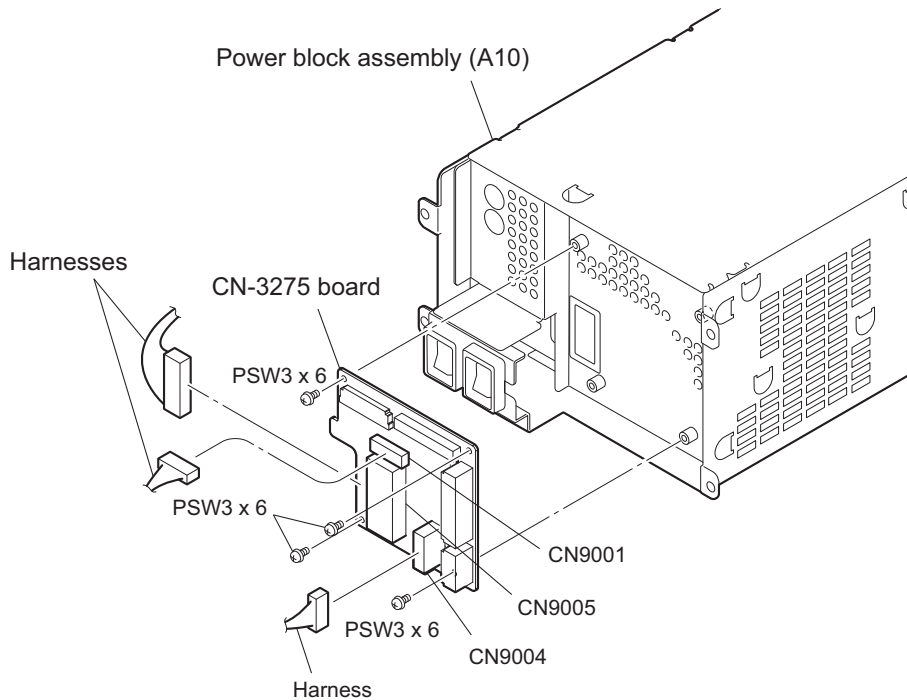
4-2-4. CN-3275 Board

Preparation

1. Remove the Power Block Assembly (A10). (Refer to [“4-2-1. Removing/Installing the Power Block Assembly \(A10\)”](#))

Procedure

1. Disconnect the three harnesses from the three connectors CN9001, CN9004, and CN9005 on the CN-3275 board.
2. Remove the four screws to detach the CN-3275 board.



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

4-2-5. RE-276 Board

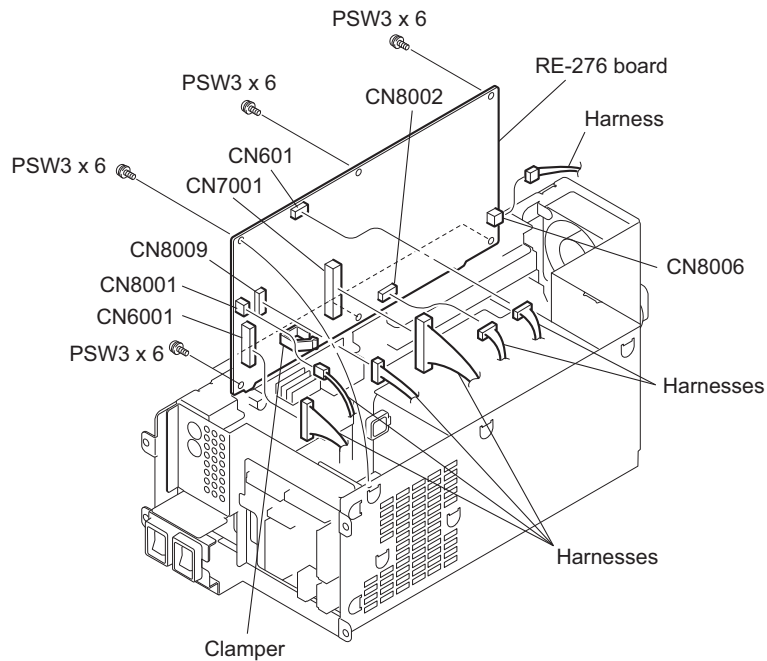
Preparation

1. Remove the Power Block Assembly (A10). (Refer to [“4-2-1. Removing/Installing the Power Block Assembly \(A10\)”](#))
2. Remove the cover. (Refer to [“4-2-3. DC Fan”](#))

Procedure

1. Remove the six screws.
2. Disconnect the seven harnesses from the connector CN601, CN6001, CN7001, CN8001, CN8002, CN8006, and CN8009 on the RE-276 board.

3. Release the harness from the clamp and remove the RE-276 board.



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

4-2-6. PS-780 Board

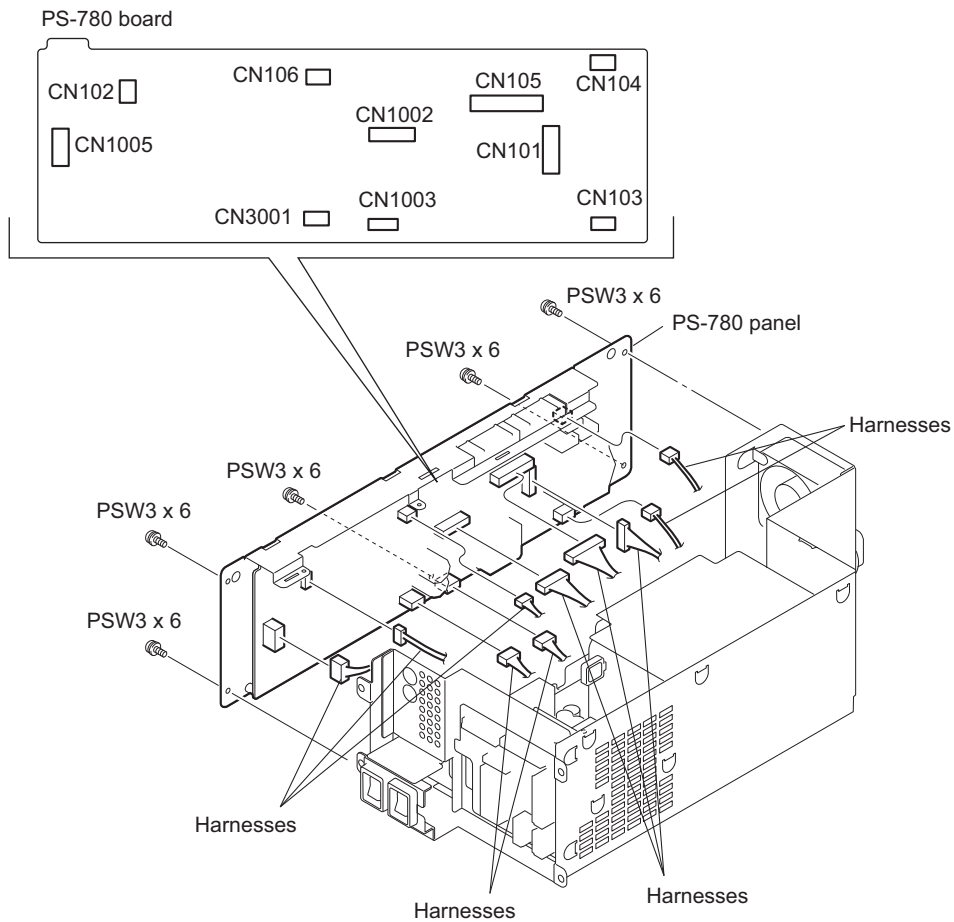
Preparation

1. Remove the Power Block Assembly (A10). (Refer to [“4-2-1. Removing/Installing the Power Block Assembly \(A10\)”](#))
2. Remove the cover. (Refer to [“4-2-3. DC Fan”](#))
3. Remove the RE-276 board. (Refer to [“4-2-5. RE-276 Board”](#))

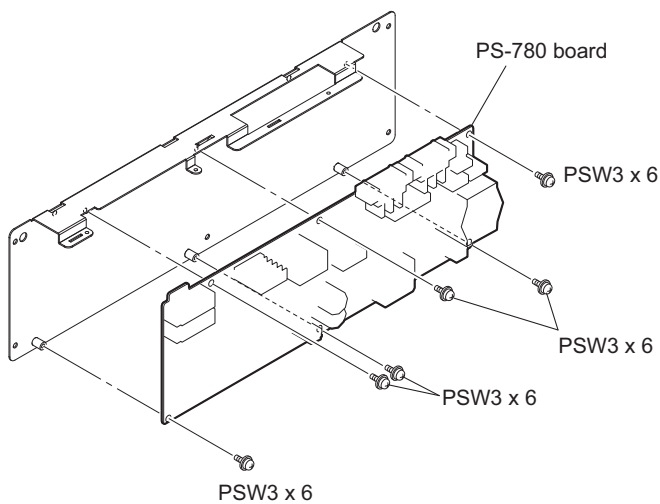
Procedure

1. Remove the five screws to detach the PS-780 panel.

2. Disconnect the ten harnesses from the ten connectors CN101, CN102, CN103, CN104, CN105, CN106, CN1002, CN1003, CN1005, and CN3001 on the PS-780 board.



3. Remove the six screws to detach the PS-780 board.



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

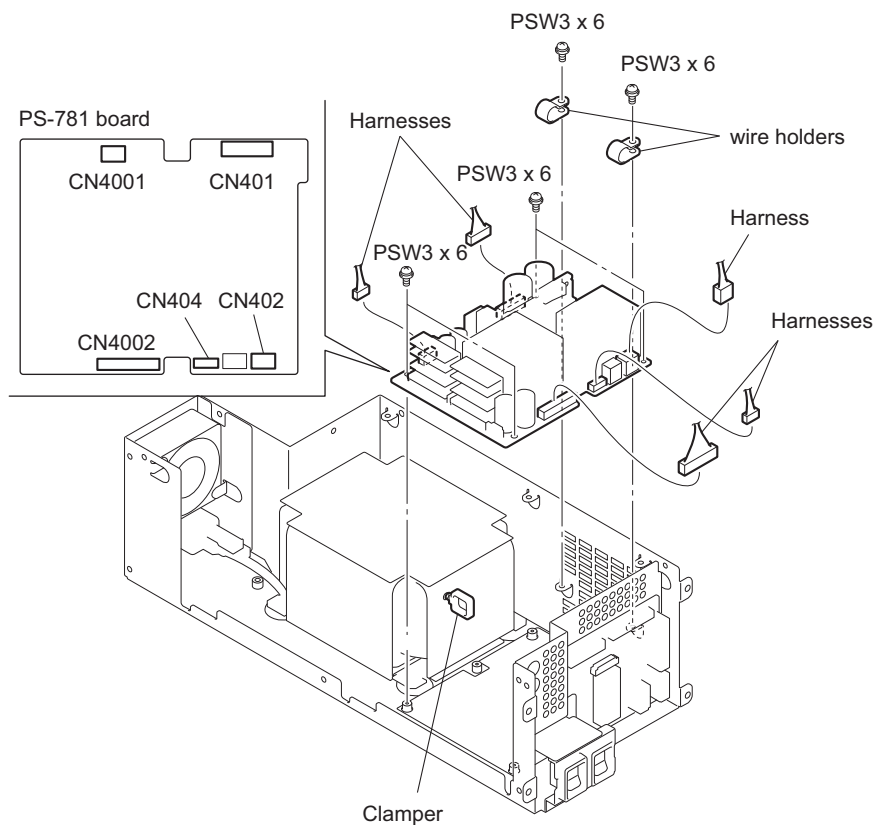
4-2-7. PS-781 Board

Preparation

1. Remove the Power Block Assembly (A10). (Refer to (“4-2-1. Removing/Installing the Power Block Assembly (A10)”))
2. Remove the cover. (Refer to “4-2-3. DC Fan”)
3. Remove the RE-276 board. (Refer to “4-2-5. RE-276 Board”)
4. Remove the PS-780 board. (Refer to “4-2-6. PS-780 Board”)

Procedure

1. Remove the two screws to detach the two wire holders.
2. Release the harness from the clamber.
3. Remove the four screws and disconnect the five harnesses from the five connectors CN401, CN402, CN404, CN4001, and CN4002 on the PS-781 board.
4. Remove the PS-781 board.



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

4-3. PS Panel Assembly

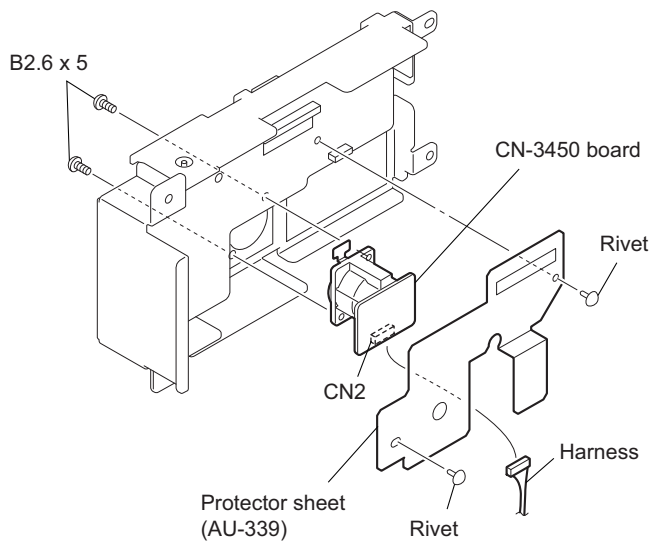
4-3-1. CN-3450 Board

Preparation

1. Remove the PS panel assembly. (Refer to “4-2-1. Removing/Installing the Power Block Assembly (A10)”)

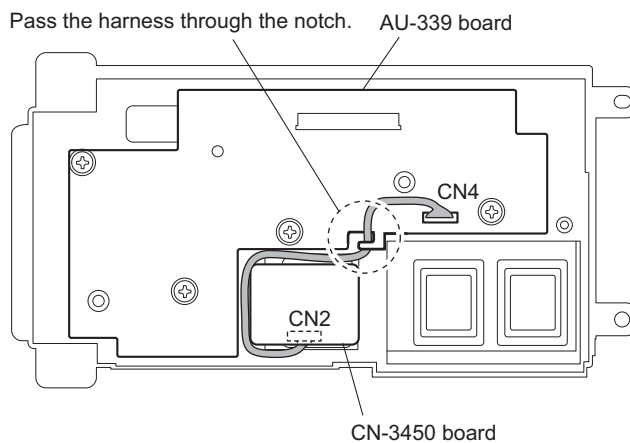
Procedure

1. Disconnect the harness from the connector CN2 on the CN-3450 board.
2. Remove the two rivets to detach the protector sheet (AU-339).
3. Remove the two screws to detach the CN-3450 board.



Note

When installing the CN-3450 board, arrange the harness as shown in the figure.



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

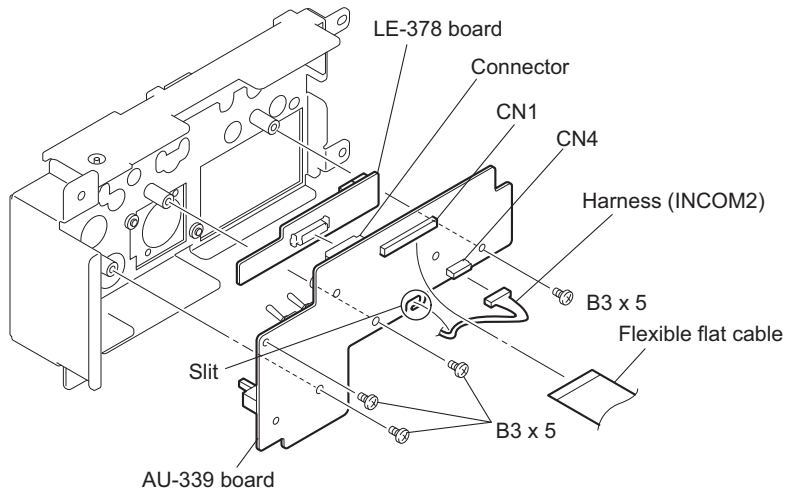
4-3-2. AU-339 Board/LE-378 Board

Preparation

1. Remove the PS panel assembly. (Refer to “4-2-1. Removing/Installing the Power Block Assembly (A10)”)
2. Remove the CN-3450 board. (Refer to “4-3-1. CN-3450 Board”)

Procedure

1. Disconnect the flexible flat cable from the connector CN1 on the AU-339 board.
2. Release the harness from the slit of the AU-339 board, and disconnect the harness from the connector CN4 on the AU-339 board.
3. Remove the four screws to detach the AU-339 board.
4. Remove the LE-378 board from the connector on the AU-339 board.



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

4-4. Rear Panel

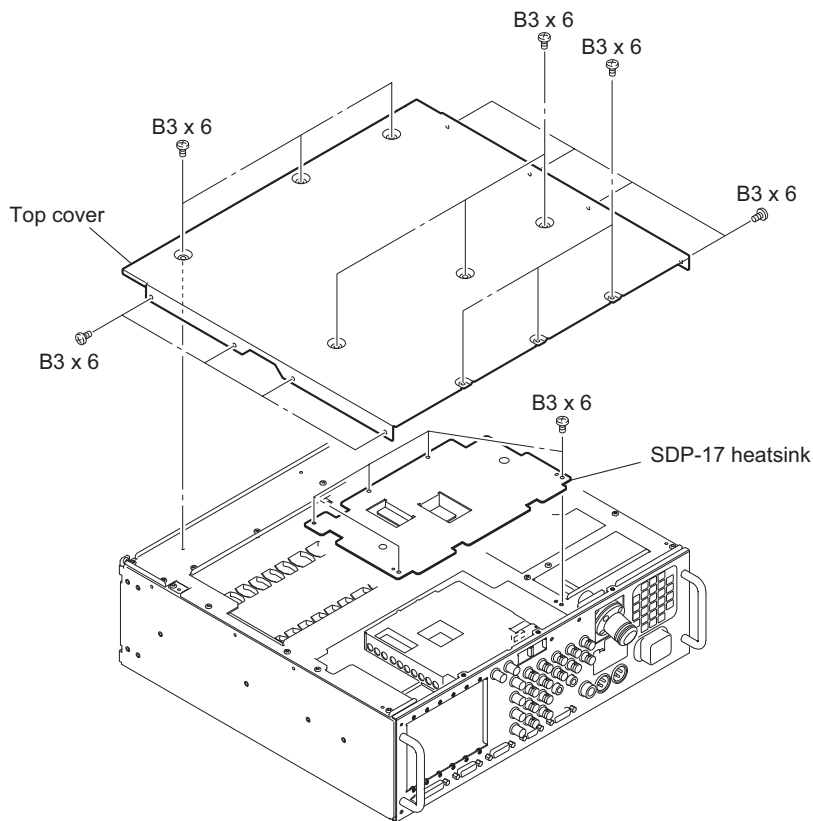
4-4-1. Removing/Installing the Rear Panel Assembly

Preparation

1. Remove the front panel. (Refer to “4-2-1. Removing/Installing the Power Block Assembly (A10)”)
2. Remove the rear plug-in board. (Refer to “4-5-2. Installing/Removing Plug-in Boards on the Rear Side”)

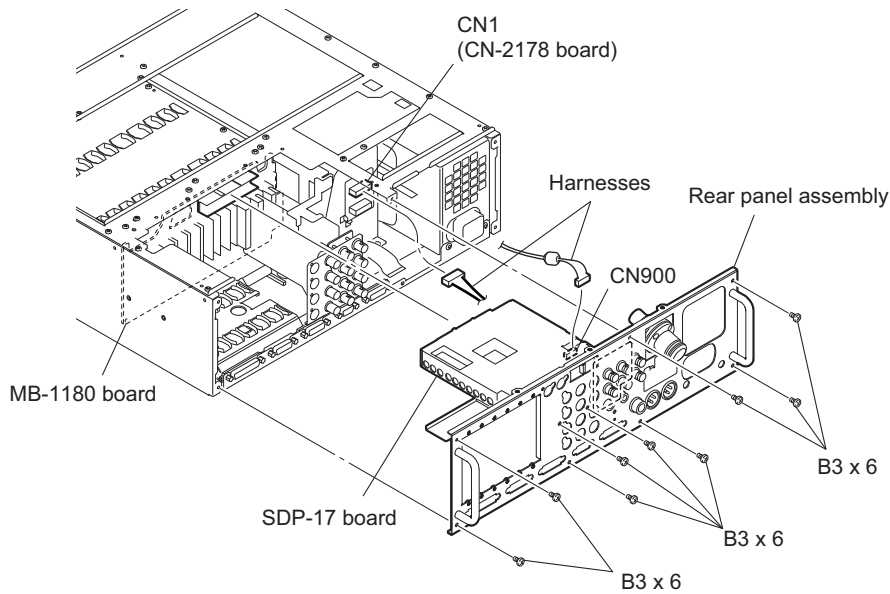
Procedure

1. Remove the seventeen screws to detach the top cover.
2. Remove the five screws to detach the SDP-17 heatsink.

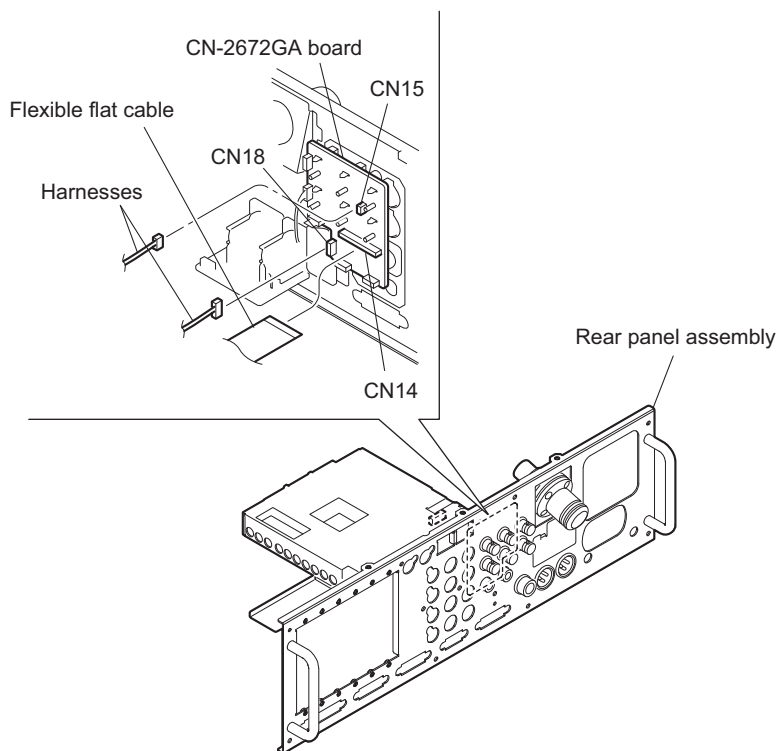


3. Disconnect the harness from the connector CN900 on the SDP-17 board.
4. Remove the nine screws from the rear panel assembly.
5. Remove the SDP-17 board from the connector CN21 on the MB-1180 board.

6. Disconnect the harness from the connector CN1 on the CN-2178 board.



7. Disconnect the two harnesses from the two connectors CN15, CN18 on the CN-2672GA board.
8. Disconnect the flexible flat cable from the connector CN14 on the CN-2672GA board.
9. Remove the rear panel assembly.



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

4-4-2. SDP-17 Board

Preparation

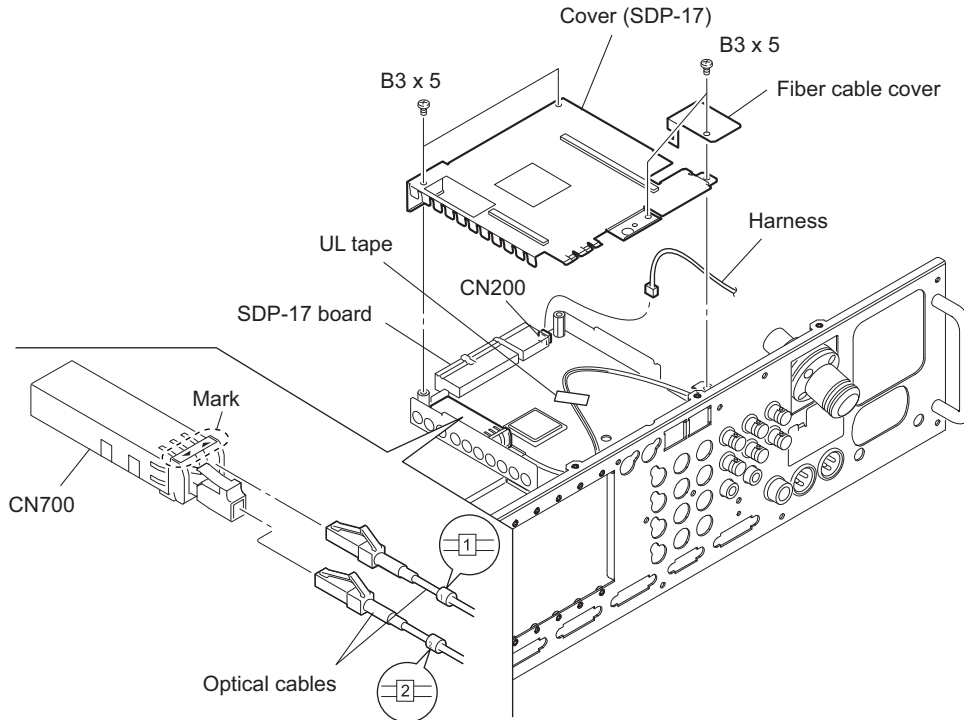
1. Remove the front panel. (Refer to [“4-2-1. Removing/Installing the Power Block Assembly \(A10\)”](#))
2. Remove the rear plug-in board. (Refer to [“4-5-2. Installing/Removing Plug-in Boards on the Rear Side”](#))
3. Remove the rear panel assembly. (Refer to [“4-4-1. Removing/Installing the Rear Panel Assembly”](#))

Procedure

1. Remove the four screws to detach the cover (SDP-17) and the fiber cable cover.
2. Disconnect the harness from the connector (CN200) on the SDP-17 board.
3. Peel the UL tape and disconnect the optical cables from the connector (CN700) on the SDP-17 board.

Note

When disconnecting the optical cables, disconnect the cables holding the blue portion of the plug.

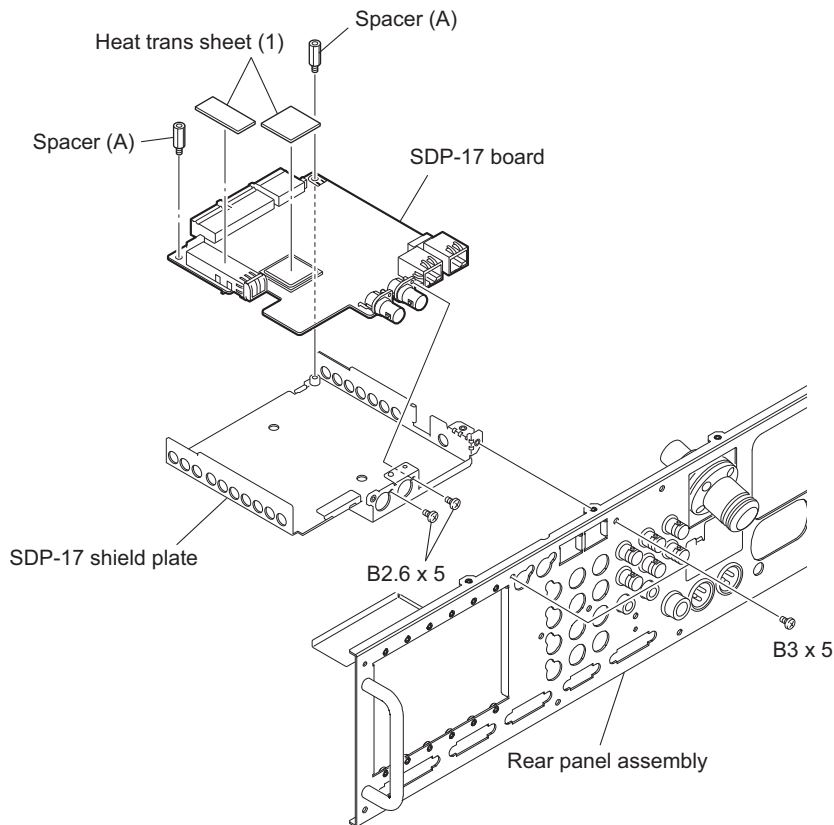


Notes

- When connecting the optical cables, push them in the connectors until a click sound is heard.
- When connecting the optical cable 1 and optical cable 2, check the connector mark and correctly connect them. If they are connected to incorrect positions, the signal will not be output.

4. Remove the two screws (B3 x 5) to detach the SDP-17 shield plate from the rear panel assembly.
5. Remove the two spacers (A) and the heat transfer sheets (1).

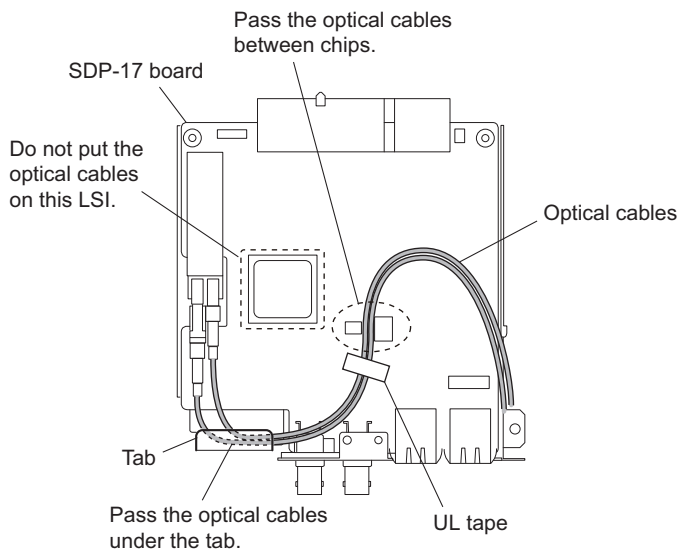
- Remove the two screws (B2.6 x 5) to detach the SDP-17 board.



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

Note

When installing the SDP-17 board, arrange the optical cables as shown in the figure.



4-4-3. CN-2672GA Board

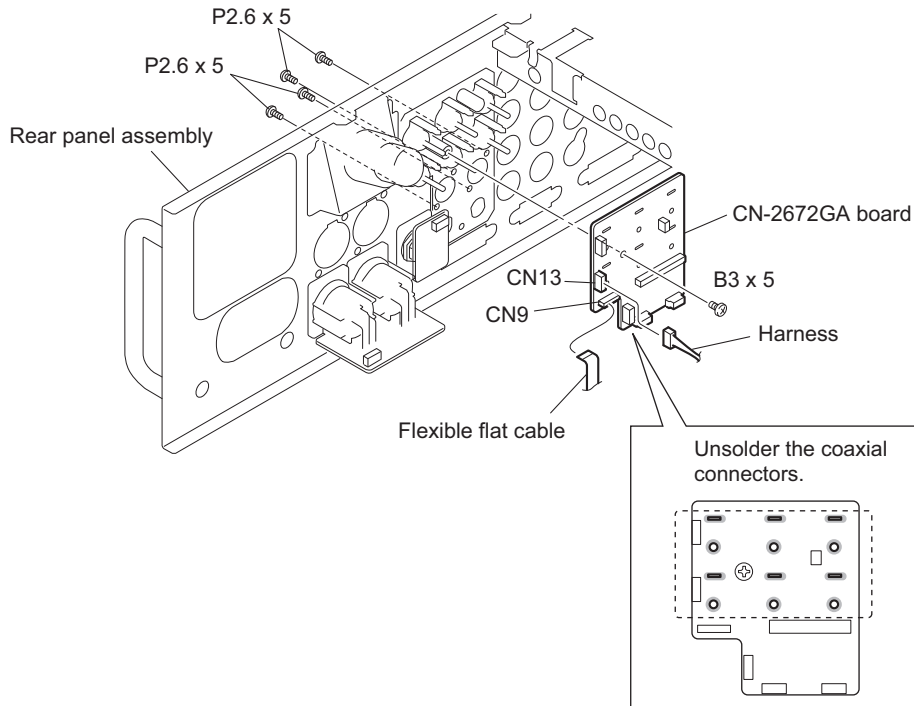
Preparation

- Remove the front panel. (Refer to [“4-2-1. Removing/Installing the Power Block Assembly \(A10\)”](#))
- Remove the rear plug-in board. (Refer to [“4-5-2. Installing/Removing Plug-in Boards on the Rear Side”](#))

3. Remove the rear panel assembly. (Refer to “4-4-1. Removing/Installing the Rear Panel Assembly”)

Procedure

1. Remove the four screws (P2.6 x 5).
2. Disconnect the flexible flat cable from the connector CN9 on the CN-2672GA board.
3. Disconnect the harness from the connector CN13 on the CN-2672GA board.
4. Unsolder the coaxial connectors from the CN-2672GA board.
5. Remove the screw (B3 x 5) to detach the CN-2672GA board.



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

4-4-4. CN-2673 Board

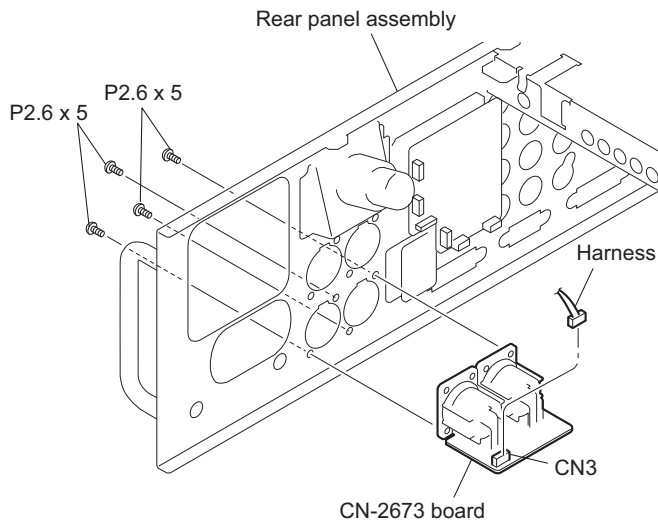
Preparation

1. Remove the front panel. (Refer to “4-2-1. Removing/Installing the Power Block Assembly (A10)”)
2. Remove the rear plug-in board. (Refer to “4-5-2. Installing/Removing Plug-in Boards on the Rear Side”)
3. Remove the rear panel assembly. (Refer to “4-4-1. Removing/Installing the Rear Panel Assembly”)

Procedure

1. Disconnect the harness from the connector CN3 on the CN-2673 board.

2. Remove the four screws to detach the CN-2673 board.



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

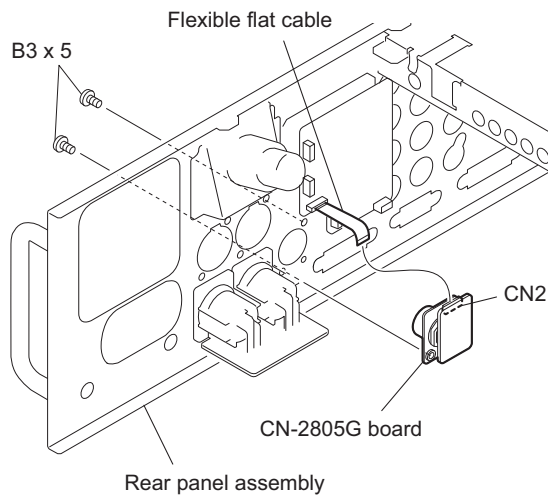
4-4-5. CN-2805G Board

Preparation

1. Remove the front panel. (Refer to [“4-2-1. Removing/Installing the Power Block Assembly \(A10\)”](#))
2. Remove the rear plug-in board. (Refer to [“4-5-2. Installing/Removing Plug-in Boards on the Rear Side”](#))
3. Remove the rear panel assembly. (Refer to [“4-4-1. Removing/Installing the Rear Panel Assembly”](#))

Procedure

1. Disconnect the flexible flat cable from the connector CN2 on the CN-2805G board.
2. Remove the two screws to detach the CN-2805G board.



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

4-5. Plug-in Board

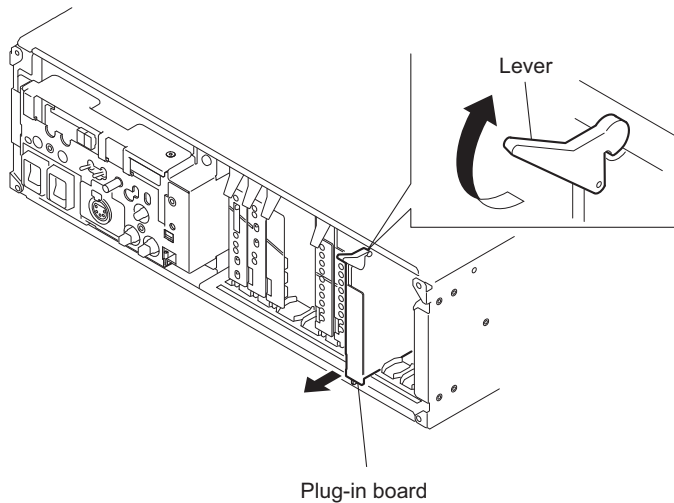
4-5-1. Installing/Removing Plug-in Boards on the Front Side

Preparation

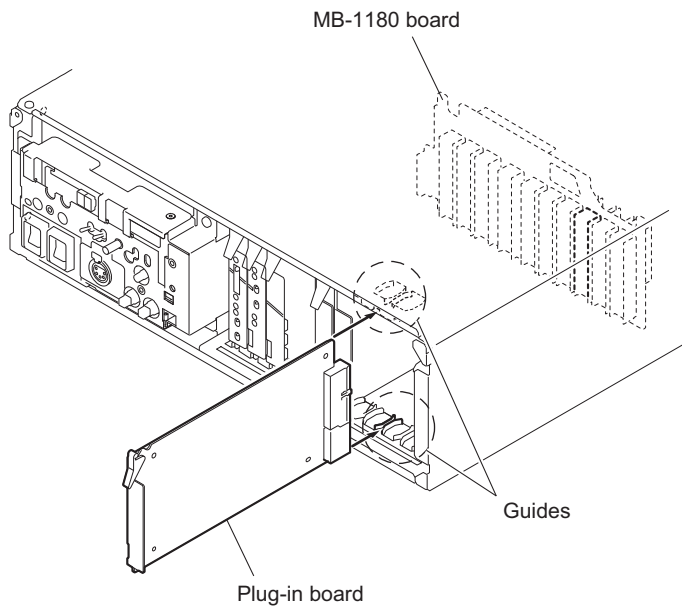
1. Remove the front panel. (Refer to [“4-2-1. Removing/Installing the Power Block Assembly \(A10\)”](#))

Procedure

1. Pull the lever in the direction of arrow and remove the plug-in board.



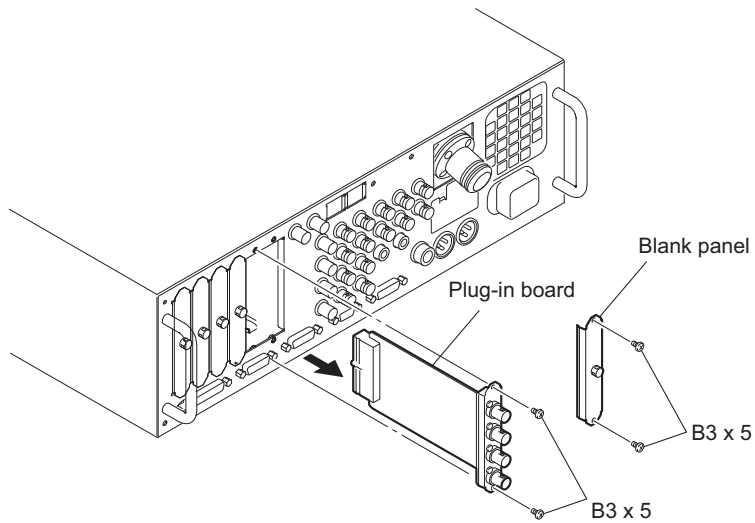
2. When installing the plug-in board, insert it along the guides of each slot and push it to connect it firmly to the connector on the MB-1180 board.



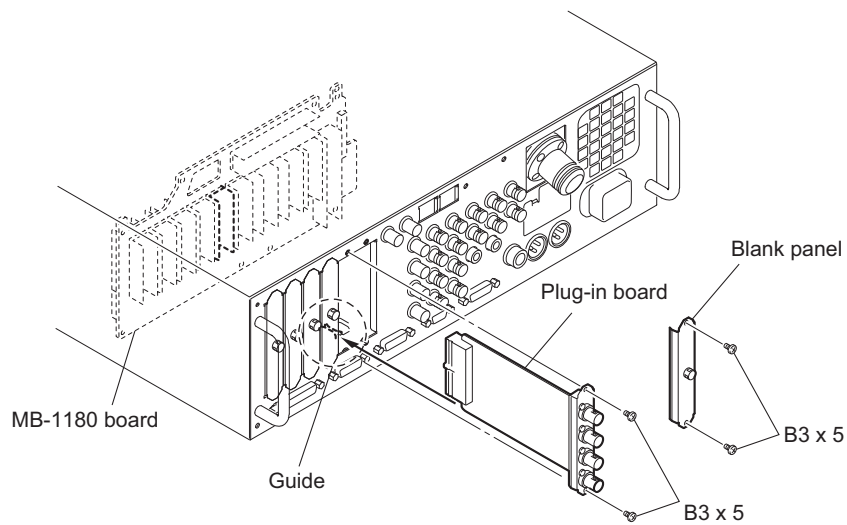
4-5-2. Installing/Removing Plug-in Boards on the Rear Side

Procedure

1. Remove the two screws to detach the plug-in board or blank panel.



2. When installing the plug-in board, insert it along the guide of each slot and push it to connect it firmly to the connector on the MB-1180 board.
3. Install two screws.



4-6. Main Frame

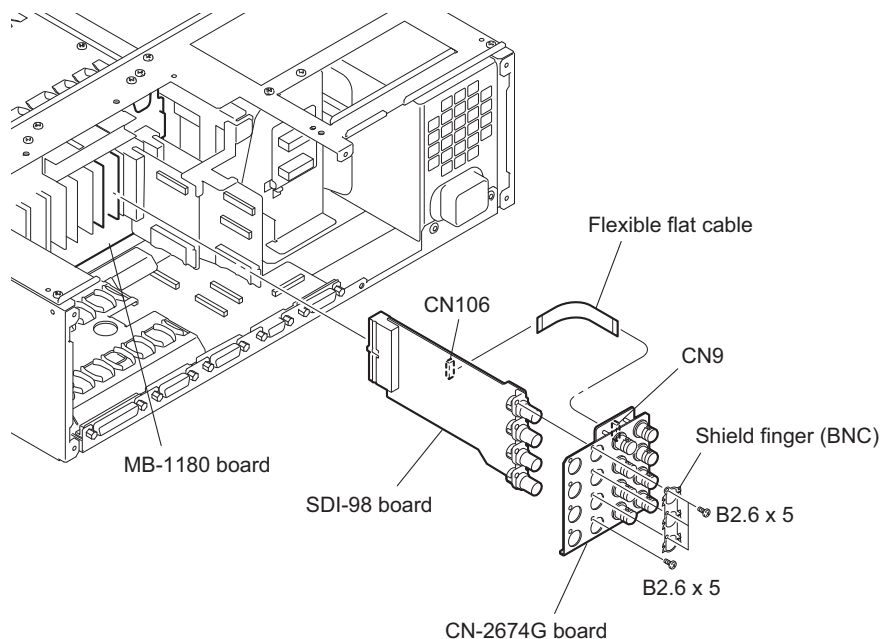
4-6-1. SDI-98 Board/CN-2674G Board

Preparation

1. Remove the front panel. (Refer to “4-2-1. Removing/Installing the Power Block Assembly (A10)”))
2. Remove the rear plug-in board. (Refer to “4-5-2. Installing/Removing Plug-in Boards on the Rear Side”))
3. Remove the rear panel assembly. (Refer to “4-4-1. Removing/Installing the Rear Panel Assembly”))

Procedure

1. Remove the SDI-98 board from the connector on the MB-1180 board.
2. Disconnect the flexible flat cable from the connector CN106 on the SDI-98 board.
3. Remove the four screws to detach the shield finger (BNC) and the SDI-98 board.
4. Disconnect the flexible flat cable from the connector CN9 on the CN-2674G board.



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

4-6-2. CN-2718 Board

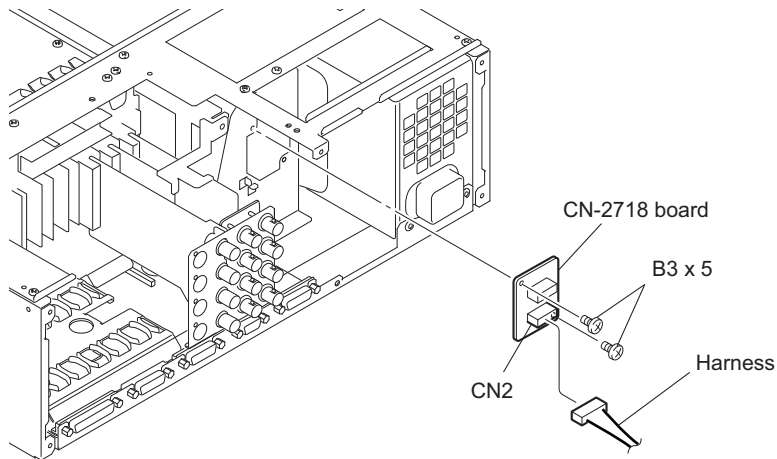
Preparation

1. Remove the front panel. (Refer to “4-2-1. Removing/Installing the Power Block Assembly (A10)”))
2. Remove the rear plug-in board. (Refer to “4-5-2. Installing/Removing Plug-in Boards on the Rear Side”))
3. Remove the rear panel assembly. (Refer to “4-4-1. Removing/Installing the Rear Panel Assembly”))

Procedure

1. Disconnect the harness from the connector CN2 on the CN-2718 board.

2. Remove the two screws to detach the CN-2718 board.



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

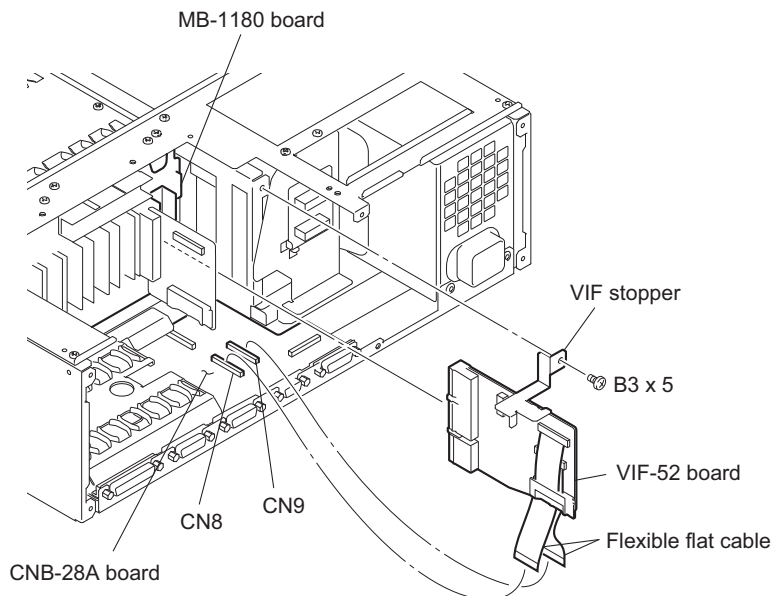
4-6-3. VIF-52 Board

Preparation

1. Remove the front panel. (Refer to [“4-2-1. Removing/Installing the Power Block Assembly \(A10\)”](#))
2. Remove the rear plug-in board. (Refer to [“4-5-2. Installing/Removing Plug-in Boards on the Rear Side”](#))
3. Remove the rear panel assembly. (Refer to [“4-4-1. Removing/Installing the Rear Panel Assembly”](#))
4. Remove the SDI-98 board and the CN-2674G board. (Refer to [“4-6-1. SDI-98 Board/CN-2674G Board”](#))

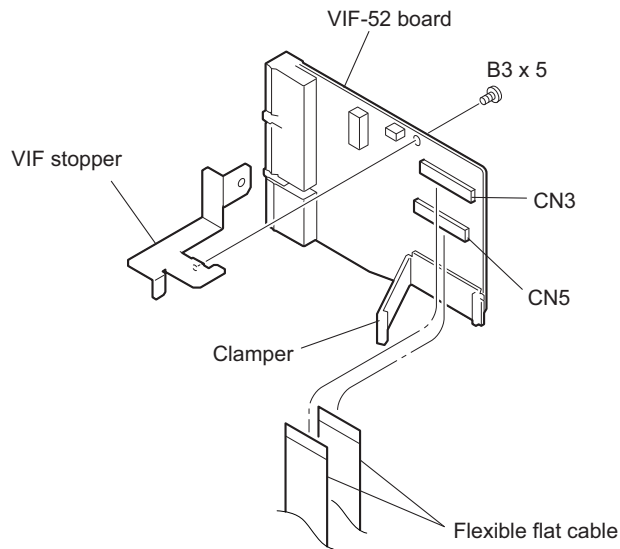
Procedure

1. Disconnect the two flexible flat cables from the connectors CN8, CN9 on the CNB-28A board.
2. Remove the screw from the VIF stopper and disconnect the VIF-52 board from the connector on the MB-1180 board.



3. Remove the screw to detach the VIF stopper.

4. Open the clamp and disconnect the two flexible flat cables from the two connectors CN3, CN5 on the VIF-52 board.



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

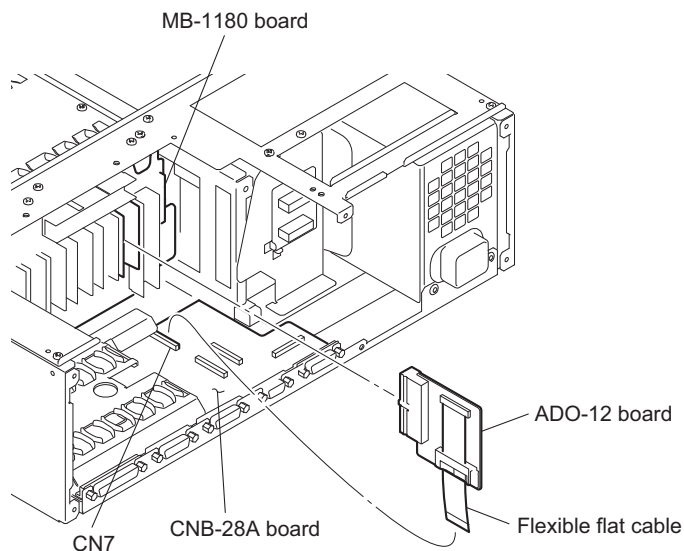
4-6-4. ADO-12 Board

Preparation

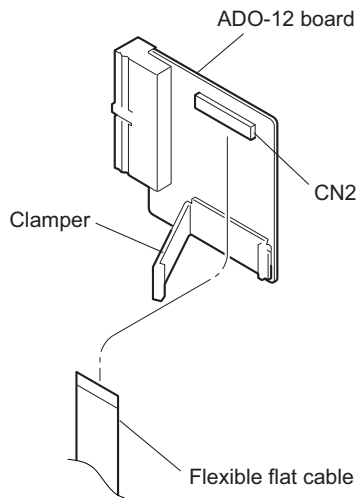
1. Remove the front panel. (Refer to “4-2-1. Removing/Installing the Power Block Assembly (A10)”)
2. Remove the rear plug-in board. (Refer to “4-5-2. Installing/Removing Plug-in Boards on the Rear Side”)
3. Remove the rear panel assembly. (Refer to “4-4-1. Removing/Installing the Rear Panel Assembly”)
4. Remove the SDI-98 board and the CN-2674G board. (“4-6-1. SDI-98 Board/CN-2674G Board”)
5. Remove the VIF-52 board. (Refer to “4-6-3. VIF-52 Board”)

Procedure

1. Disconnect the flexible flat cable from the connector CN7 on the CNB-28A board.
2. Disconnect the ADO-12 board from the connector on the MB-1180 board.



3. Open the clamp on the ADO-12 board and disconnect the flexible flat cable from the connector CN2 on the ADO-12 board.



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

4-6-5. CNB-28A Board

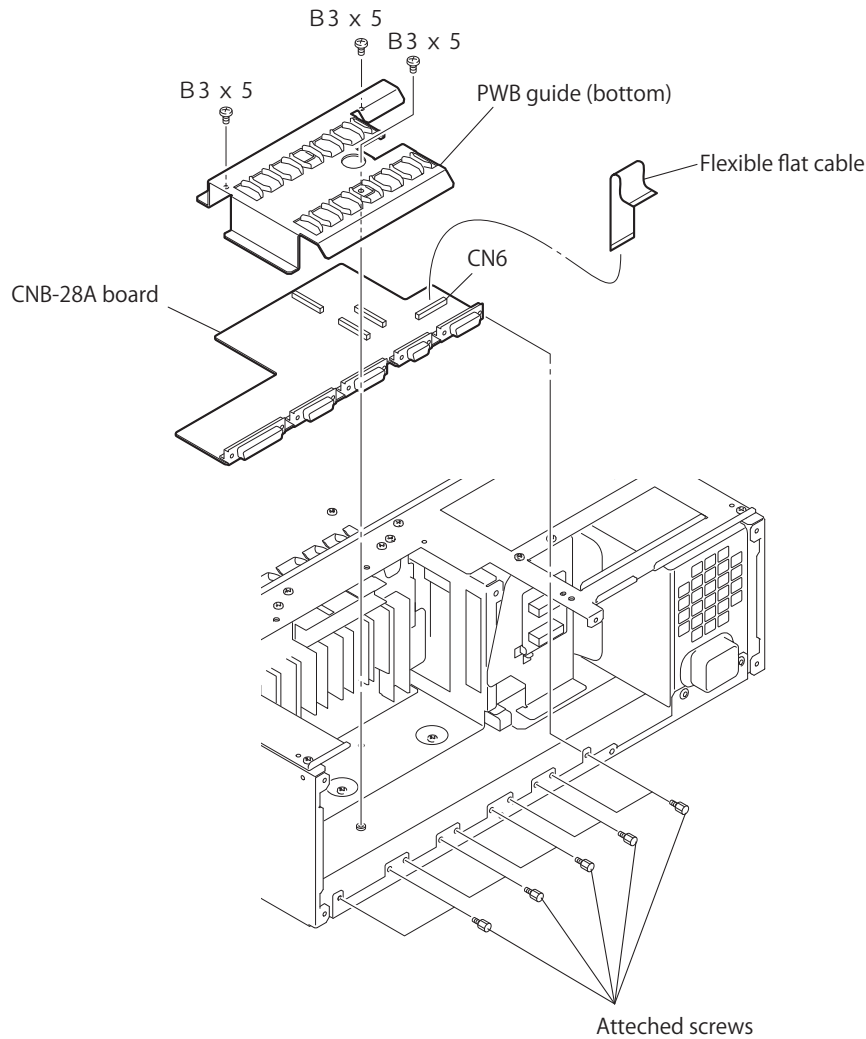
Preparation

1. Remove the front panel. (Refer to [“4-2-1. Removing/Installing the Power Block Assembly \(A10\)”](#))
2. Remove the rear plug-in board. (Refer to [“4-5-2. Installing/Removing Plug-in Boards on the Rear Side”](#))
3. Remove the rear panel assembly. (Refer to [“4-4-1. Removing/Installing the Rear Panel Assembly”](#))
4. Remove the SDI-98 board and the CN-2674G board. (Refer to [“4-6-1. SDI-98 Board/CN-2674G Board”](#))
5. Remove the VIF-52 board. (Refer to [“4-6-3. VIF-52 Board”](#))
6. Remove the ADO-12 board. (Refer to [“4-6-4. ADO-12 Board”](#))

Procedure

1. Disconnect the flexible flat cable from the connector CN6 on the CNB-28A board.
2. Remove the three screws to detach the PWB guide (bottom).

3. Remove the ten attached screws to detach the CNB-28A board.



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

4-6-6. MB-1180 Board

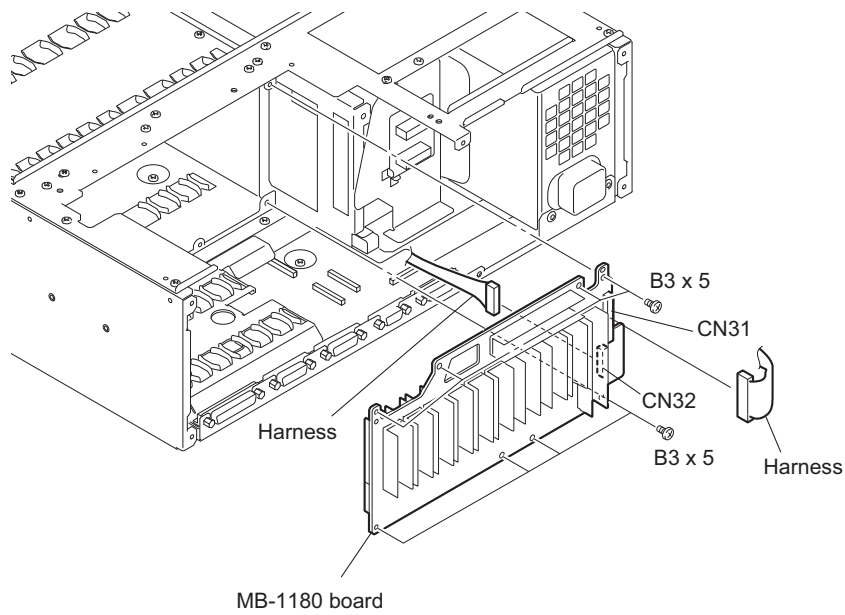
Preparation

1. Remove the front panel. (Refer to [“4-2-1. Removing/Installing the Power Block Assembly \(A10\)”](#))
2. Remove the rear plug-in board. (Refer to [“4-5-2. Installing/Removing Plug-in Boards on the Rear Side”](#))
3. Remove the rear panel assembly. (Refer to [“4-4-1. Removing/Installing the Rear Panel Assembly”](#))
4. Remove the SDI-98 board and the CN-2674G board. (Refer to [“4-6-1. SDI-98 Board/CN-2674G Board”](#))
5. Remove the VIF-52 board. (Refer to [“4-6-3. VIF-52 Board”](#))
6. Remove the ADO-12 board. (Refer to [“4-6-4. ADO-12 Board”](#))
7. Remove the board guide (rear). (Refer to [“4-6-5. CNB-28A Board”](#))

Procedure

1. Disconnect the two harnesses from the two connectors CN31, CN32 on the MB-1180 board.

2. Remove the eight screws to detach the MB-1180 board.



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

Section 5

Electrical Alignment

5-1. Preparations

5-1-1. Equipment Required

Measuring equipment

Equipment	Type name
Digital oscilloscope (300 MHz or higher)	Tektronix TDS460A or equivalent
SD waveform/Vector monitor	Tektronix 1780R or equivalent (for NTSC) Tektronix 1781R or equivalent (for PAL)
SD signal generator	Tektronix TSG170A or equivalent (for NTSC) Tektronix TSG271 or equivalent (for PAL)
Audio oscillator	Tektronix SG-5010 or equivalent
Frequency counter	Advantest TR5821AK or equivalent

Related equipment

Model name	Description
HDC2400/2500	HD color video camera
MSU-1000/1500	Master setup unit

Tools

Name	Usage/Note	Part No.
EX-982 board	Front-side extended board	A-1153-700-A
EX-983 board	Rear-side extended board	A-1153-701-A
EX-984 board	SDP-17 extended board	A-1153-715-A

5-1-2. Notes on Adjustments

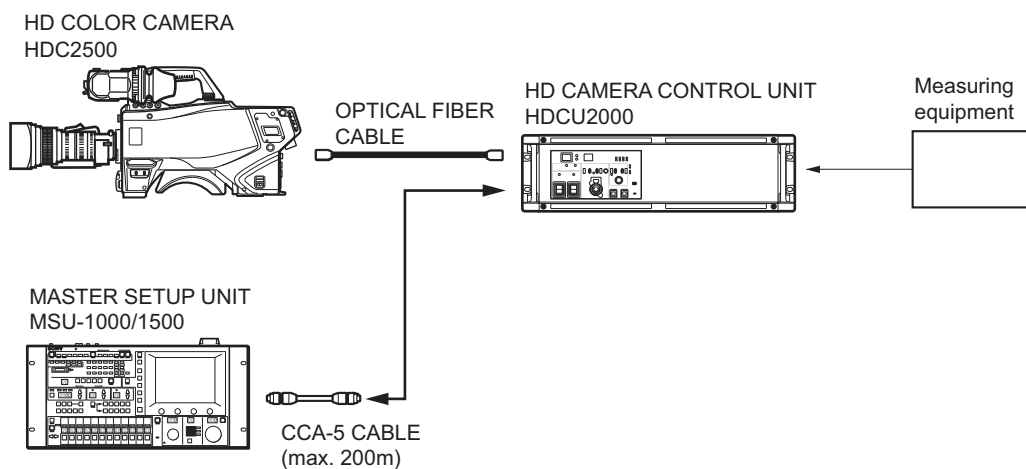
- Make sure all the measures have already been calibrated.
- Make sure “[5-1-4. Initialization Settings](#)” have already been finished.
- Make sure the adjustment of the HDC2400/2500 has already been finished.
- Types of the color bars to be output from the built-in synchronizing signal generator :

Signal format	Y	C
HD-SDI	100 %	100 %
SD-SDI (D1)	100 %	75 %
SD-Component-analog (HKCU1001)	100 %	75 %
SD-Composite-analog (HKCU1001)	75 %	75 % (SMPTE)
SD-Composite-analog (HKCU1001)	100 %	75 % (EBU)

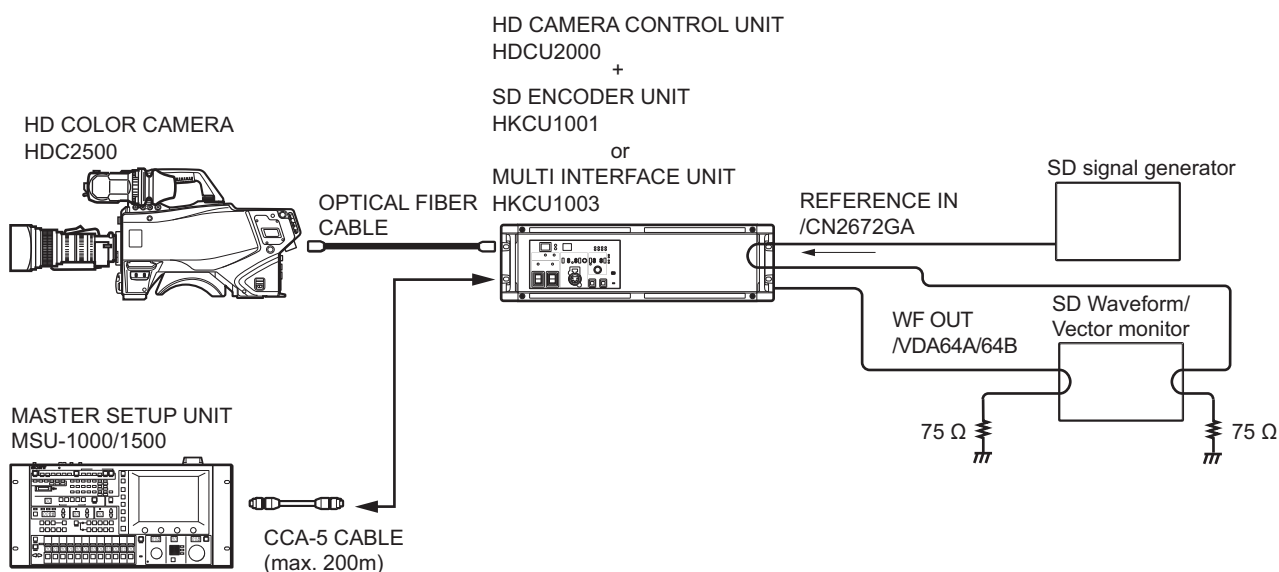
- To adjust this unit, extend each plug-in board. Before pulling out the boards, be sure to turn off the main power.
- Before starting adjustment, warm up for about 10 minutes.
- Before using the MSU-1000/1500, check the version of the ROM. For details, refer to Section “[1-1. Checking the ROM and Software Version ROM](#)”.

5-1-3. Connection of Equipment

Adjusting the HDCU2000



Adjusting the HKCU1001/1003



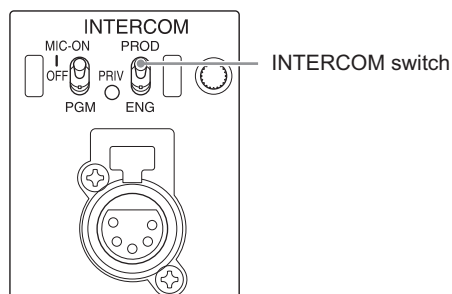
5-1-4. Initialization Settings

HDCU2000

Note

- When changing the switch settings from the customer's setting positions, it is recommended to write down the customer's setting positions in the following table. After completing the adjustment, be sure to return the switches to the customer's setting positions.
- Set the switches other than the following to the state when shipped from the factory
For details of the switch settings, refer to Section "1-6-2. Functions of Onboard Switches".

Name	Board (Onboard switch)	Setting during adjustment	Note	Customer setting
INTERCOM switch	AU-339 (S3)	PROD	Front panel	



When MSU-1000 is used

Power supply and signal switching block

Name	Setting
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

Name	Setting
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

Name	Setting
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)

5-2. Audio System Adjustment

5-2-1. RTS Intercom Adjustment

Measuring equipment

- Oscilloscope
- Audio oscillator

Precautions

- This adjustment is described on the premise that the output impedance of the audio oscillator is 600 Ω .
- When the intercom system is the RTS system, perform this adjustment.

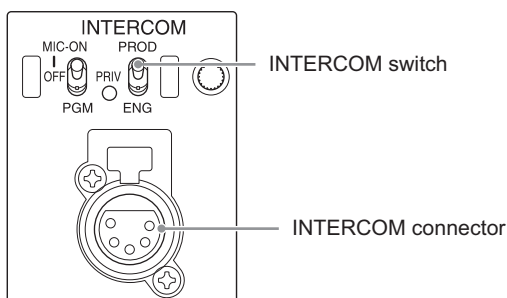
Preparation

- Extend the AVP-15 board using an extended board.
- CCU CONFIGURATION menu $\rightarrow$ INTERCOM (C07)
 - $\rightarrow$ ENGINEER: RTS
 - $\rightarrow$ TERMINATION: ON
- CCU CONFIGURATION menu $\rightarrow$ INTERCOM (C07)
 - $\rightarrow$ PRODUCER: RTS
 - $\rightarrow$ TERMINATION: ON
- CCU CONFIGURATION menu $\rightarrow$ FRONT INCOM (C08) $\rightarrow$ INCOM MIC: CARBON

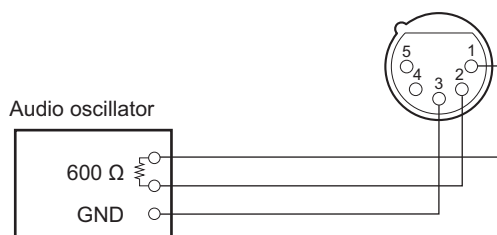
Adjustment Procedure

PROD CANCEL

1. Turn the INTERCOM switch on the front panel to PROD side .



2. Input a sine wave (1 kHz, 220 mV p-p (−20 dBu)) to pin 2 (X), pin 1 (Y), and pin 3 (G) of the INTERCOM connector from the audio oscillator.

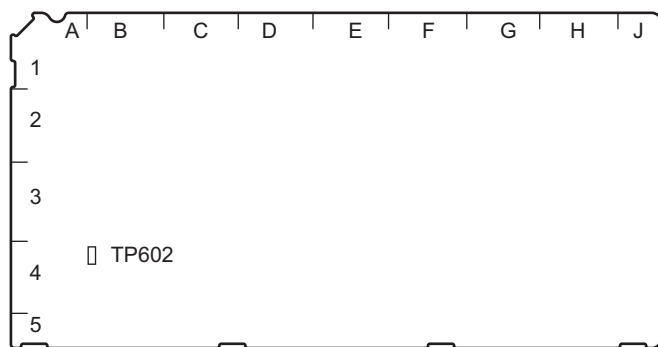


- Perform the following adjustments.

Test Point: TP602 (B-4)/AVP-15 board

Adjusting Point: CCU CONFIGURATION menu → INTERCOM (C07) → PRODUCER → CANCEL LVL

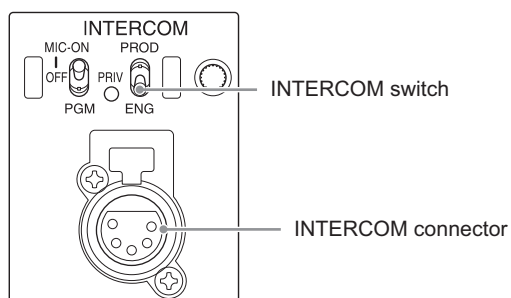
Specification: A = Minimum



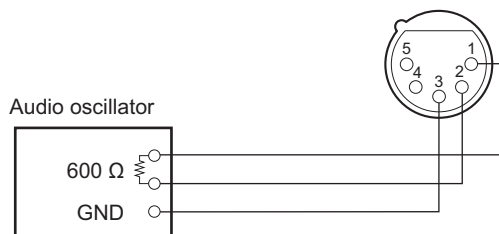
AVP-15 board (Side A)

ENG CANCEL

- Turn the INTERCOM switch on the front panel to ENG side .



- Input a sine wave (1 kHz, 220 mV p-p (−20 dBu)) to pin 2 (X), pin 1 (Y), and pin 3 (G) of the INTERCOM connector from the audio oscillator.



3. Perform the following adjustments.

Test Point: TP601 (B-4)/AVP-15 board

Adjusting Point: CCU CONFIGURATION menu → INTERCOM (C07) → ENGINEER → CANCEL LVL

Specification: B = Minimum



AVP-15 board (Side A)

Setting after Adjustment

After this adjustment is completed, set the switch to the previous state.

5-3. Video/Reference Signal System Adjustment

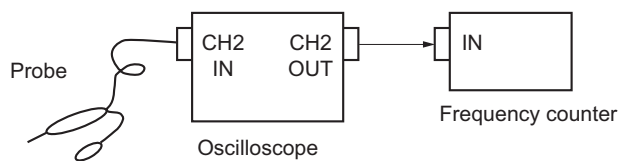
5-3-1. 27 MHz VCO Free-Running Adjustment

Measuring equipment

- Frequency counter
- Oscilloscope

Preparation

- Extend the AT-167A board using an extended board.
- Disconnect the cable from the REFERENCE INPUT connector.
- REFERENCE switch on the panel of AT-167A board → SD
- Connect the measuring equipment as shown in the following figure.

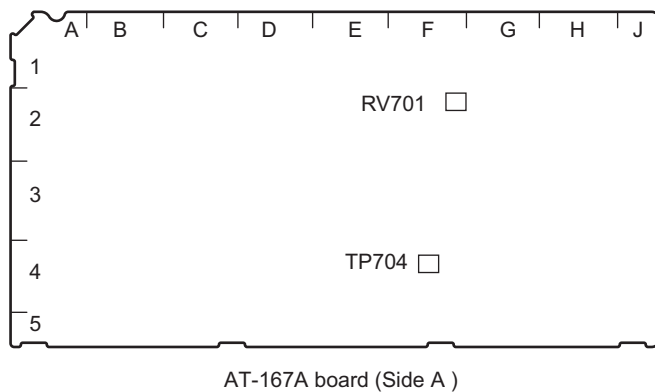


Adjustment Procedure

Test Point: TP704 (F-4)/ AT-167A board

Adjusting Point: RV701 (F-2)/ AT-167A board

Specification: 27,000,000 ±10 Hz



Setting after Adjustment

After this adjustment is completed, set the switch to the previous state and reconnect the disconnected cable.

5-3-2. Clock (74 MHz) Duty Adjustment

Measuring equipment

Oscilloscope (20 MHz BWLimit: ON)

Preparation

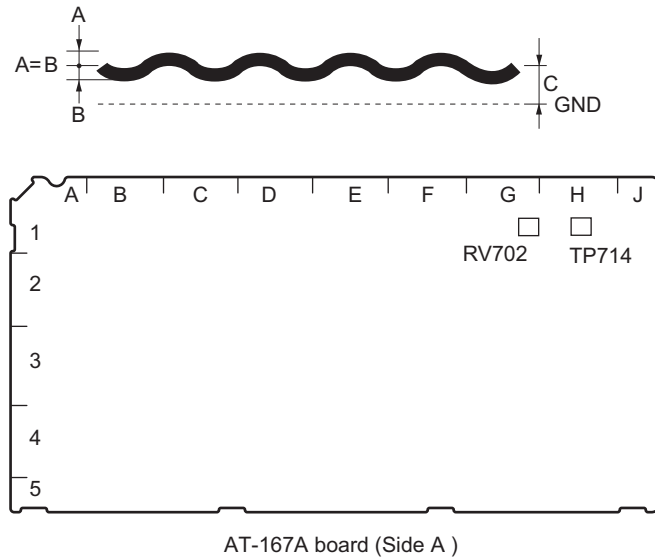
Extend the AT-167A board using an extended board.

Adjustment Procedure

Test Point: TP714 (H-1)/AT-167A board

Adjusting Point: RV702 (G-1)/AT-167A board

Specification: $C = 1.60 \pm 0.04$ Vdc



5-3-3. Prompter 1/2 Level Adjustment

Measuring equipment

- SD waveform monitor
- SD signal generator

Preparation

- Extend the DTX-9 board using an extended board.
- Connect the SD signal generator to the PROMPTER IN connector.
NTSC: SMPTE color bar
PAL: EBU color bar

Adjustment Procedure

1. PROMPTER 1 level adjustment

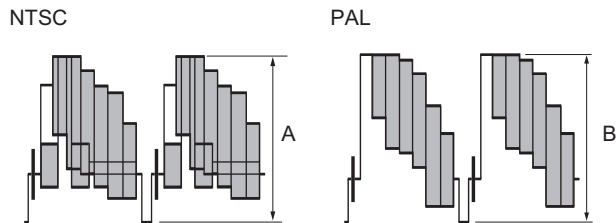
Test Point: PROMPTER1 connector/Camera side

Adjusting Point: MAINTENANCE menu → ANALOG ADJUST (M03) → PROMPTER1 LEVEL

Specification:

A = 140 ± 1 IRE (75 Ω termination)

B = 1000 ± 7 mVp-p (75 Ω termination)



2. PROMPTER 2 level adjustment

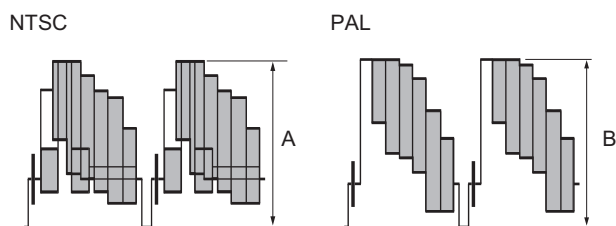
Test Point: PROMPTER2 connector/Camera side

Adjusting Point: MAINTENANCE menu → ANALOG ADJUST (M03) → PROMPTER2 LEVEL

Specification:

A = 140 ± 1 IRE (75 Ω termination)

B = 1000 ± 7 mVp-p (75 Ω termination)



5-3-4. STAIR CASE Adjustment

Measuring equipment

Oscilloscope

Precautions

This adjustment is used tentatively when a repair is made.

This adjustment must be made again according to the waveform monitor characteristics at the system setup.

Preparation

Extend the EN-159A/159B board using an extended board.

Adjustment Procedure

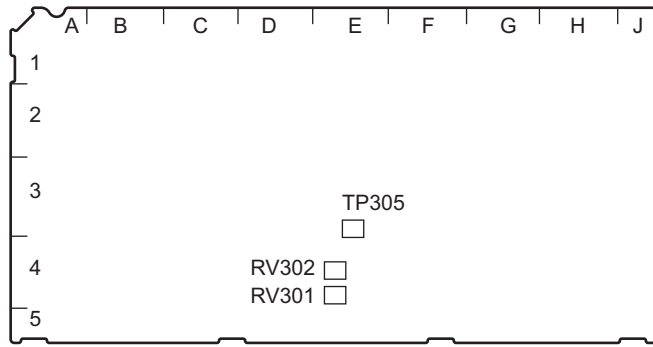
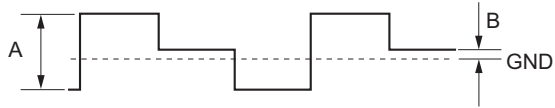
Test Point: TP305 (E-3)/EN-159A/159B board

Adjusting Point:

- RV302 (E-4)/EN-159A/159B board
- RV301 (E-4)/EN-159A/159B board

Specification :

- $A = 3.0 \pm 0.5$ V p-p (RV302)
- $B = 0 \pm 0.5$ V dc (RV301)



EN-159A/159B board (Side A)

Setting after Adjustment

After this adjustment is completed, set the switch to the previous state.

5-4. SD Signal System Adjustment

5-4-1. VBS Output Level Adjustment

Measuring equipment

SD waveform monitor

Preparation

Extend the EN-159A/159B board using an extended board.

Adjustment Procedure

Test Point: VBS OUT connector/ VDA-64A board

Adjusting Point: RV303 (F-3)/EN-159A/159B board

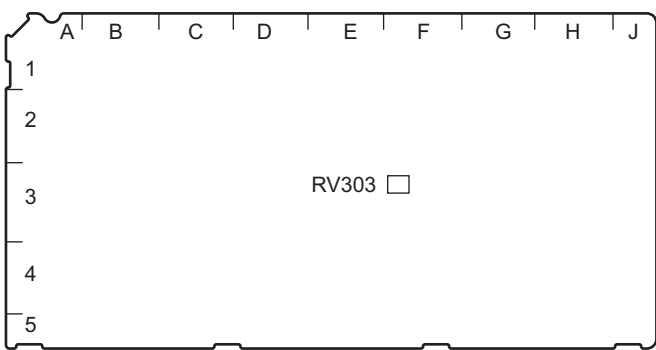
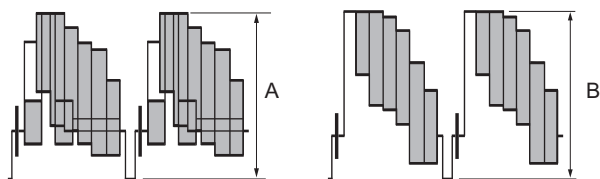
Specification:

A = 140 ± 1 IRE (75 Ω termination)

B = 1000 ± 7 mVp-p (75 Ω termination)

NTSC

PAL



EN-159A/159B board (Side A)

5-4-2. PIX Output Level Adjustment

Measuring equipment

SD waveform monitor

Preparation

Extend the EN-159A/159B board using an extended board.

Adjustment Procedure

Test Point: PIX OUT connector/VDA-64A board

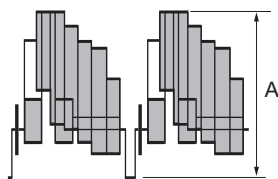
Adjusting Point: RV304 (F-3)/EN-159A/159B board

Specification:

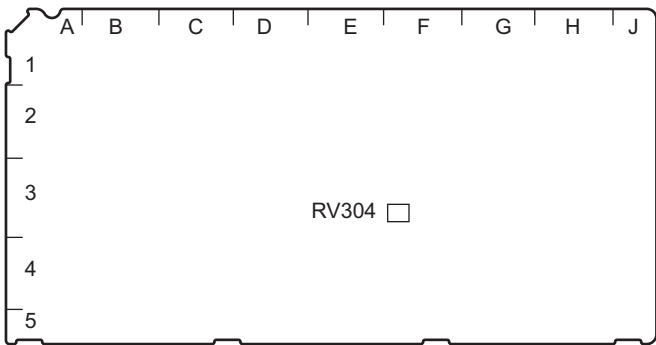
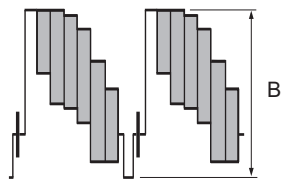
A = 140 ± 1 IRE (75 Ω termination)

B = 1000 ± 7 mVp-p (75 Ω termination)

NTSC



PAL



EN-159A/159B board (Side A)

5-4-3. WF Output Level Adjustment

Measuring equipment

SD waveform monitor

Preparation

Extend the EN-159A/159B board using an extended board.

Adjustment Procedure

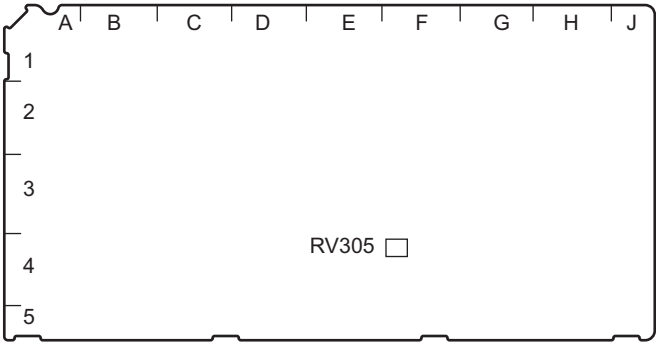
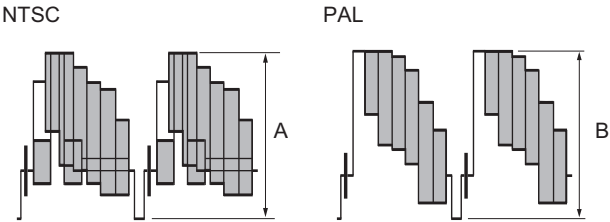
Test Point: WF OUT connector/VDA-64A board

Adjusting Point: RV305 (F-4)/EN-159A/159B board

Specification:

A = 140 ± 1 IRE (75 Ω termination)

B = 1000 ±7 mVp-p (75 Ω termination)



EN-159A/159B board (Side A)

5-4-4. RGB Output Level Adjustment

Note

This menu appears when the EN-159B board and the VDA-64C board are inserted.

Measuring equipment

SD waveform monitor

Preparation

- Extend the EN-159B board using an extended board.
- SYSTEM OPERATION menu → MULTI FORMAT (S03) → COMPONENT: RGB

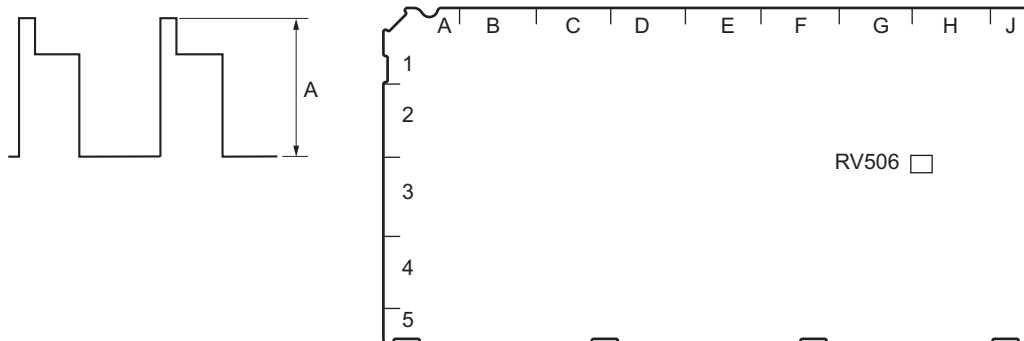
Adjustment Procedure

1. G signal level adjustment

Test Point: G/Y connector/VDA-64C board

Adjusting Point: RV506 (COMPONENT G/Y LEVEL)/EN-159B board

Specification : $A = 700 \pm 5$ mV p-p (75 Ω termination) (when 100 % color bar is used)



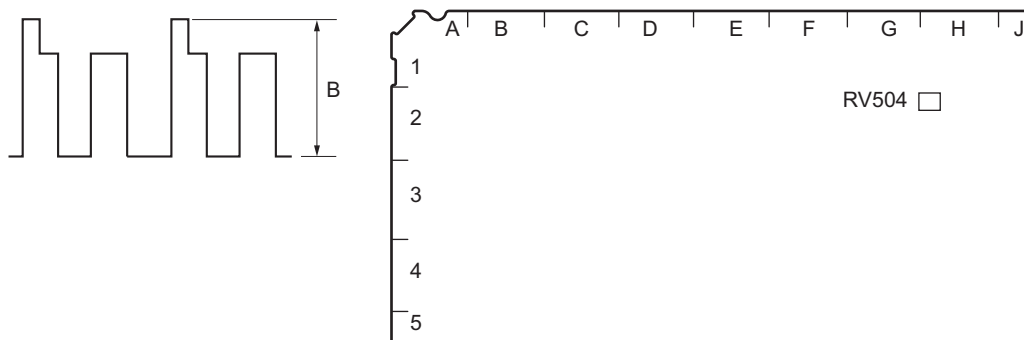
EN-159B board (Side A)

2. R signal level adjustment

Test Point: R/R-Y connector/VDA-64C board

Adjusting Point: RV504 (COMPONENT R/R-Y LEVEL)/EN-159B board

Specification: $B = 700 \pm 5$ mV p-p (75 Ω termination) (when 100 % color bar is used)



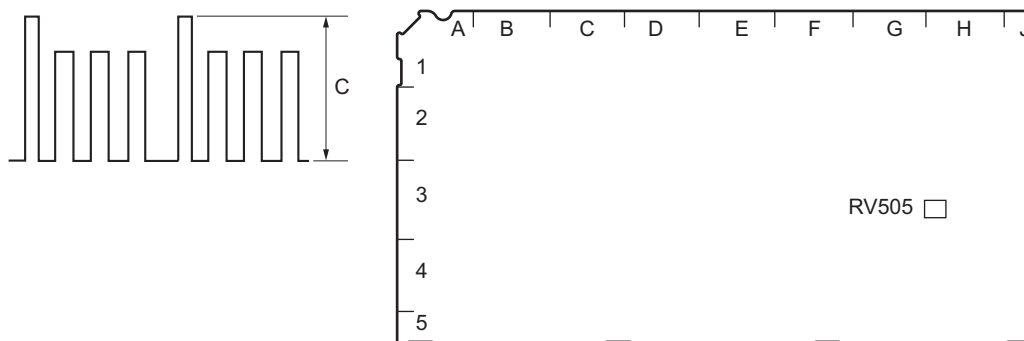
EN-159B board (Side A)

3. B signal level adjustment

Test Point: B/B-Y connector/VDA-64C board

Adjusting Point: RV505 (COMPONENT B/B-Y LEVEL)/EN-159B board

Specification: $C = 700 \pm 5$ mV p-p (75 Ω termination) (when 100 % color bar is used)



EN-159B board (Side A)

5-4-5. Y/R-Y/B-Y Output Level Adjustment

Measuring equipment

SD waveform monitor

Precautions

“5-4-4. RGB Output Level Adjustment” must have been completed.

Preparation

- Extend the EN-159B board using an extended board.
- SYSTEM OPERATION menu → MULTI FORMAT (S03) → COMPONENT: YCD
- CCU CONFIGURATION menu → VIDEO SETUP (C10) → SETUP: ON/OFF

Adjustment Procedure

1. Y signal level adjustment

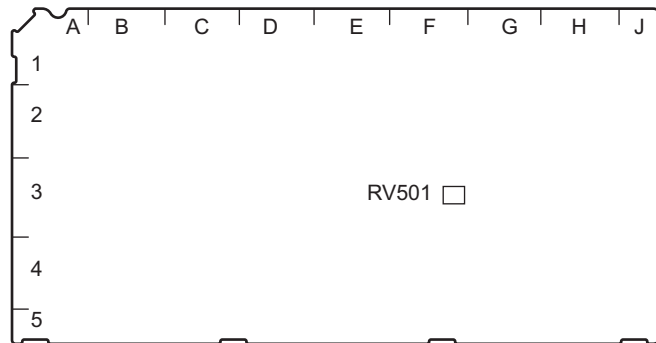
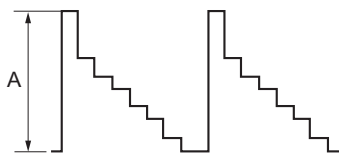
Note

Make this adjustment when SETUP in VIDEO SETUP (C10) of the CCU CONFIGURATION menu is set to ON.

Test Point: G/Y connector/VDA-64C board

Adjusting Point: RV501 (F-3)/EN-159Bboard

Specification: $A = 714 \text{ mV} \pm 5 \text{ mV}$ (75 Ω termination) (when 100 % (Y) color bar is used)



EN-159B board (Side A)

2. R-Y signal level adjustment

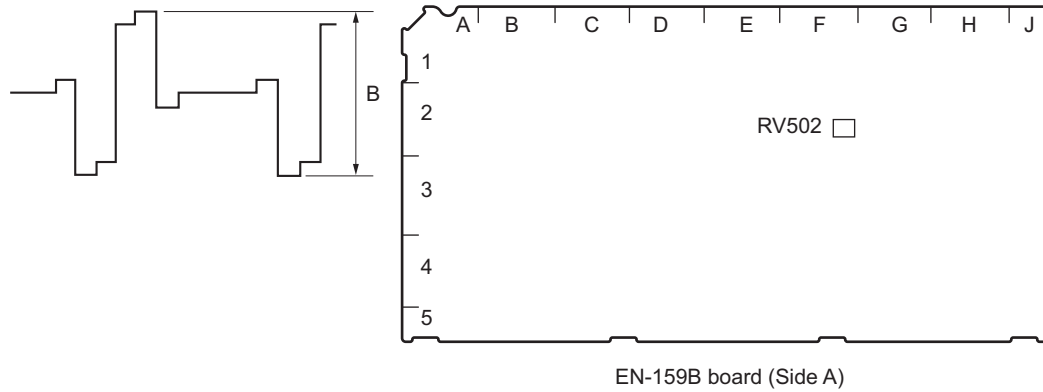
Test Point: R/R-Y connector/VDA-64C board

Adjusting Point: RV502 (F-2)/EN-159B board

Specification:

B = 756 ± 5 mV (75 Ω termination) (SET UP: OFF)

B = 700 ± 5 mV (75 Ω termination) (SET UP: ON)



3. B-Y signal level adjustment

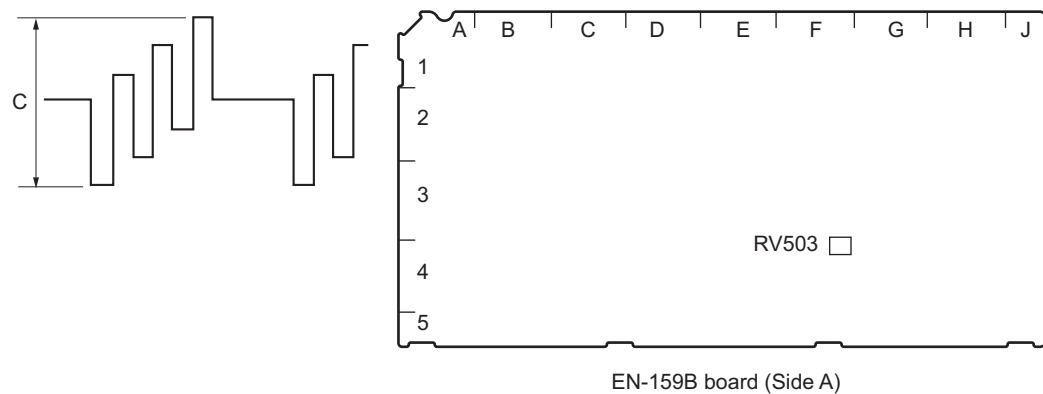
Test Point: B/B-Y connector /VDA-64C board

Adjusting Point: RV503 (F-4)/EN-159B board

Specification:

C = 756 ± 5 mV (75 Ω termination) (SET UP: OFF)

C = 700 ± 5 mV (75 Ω termination) (SET UP: ON)



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

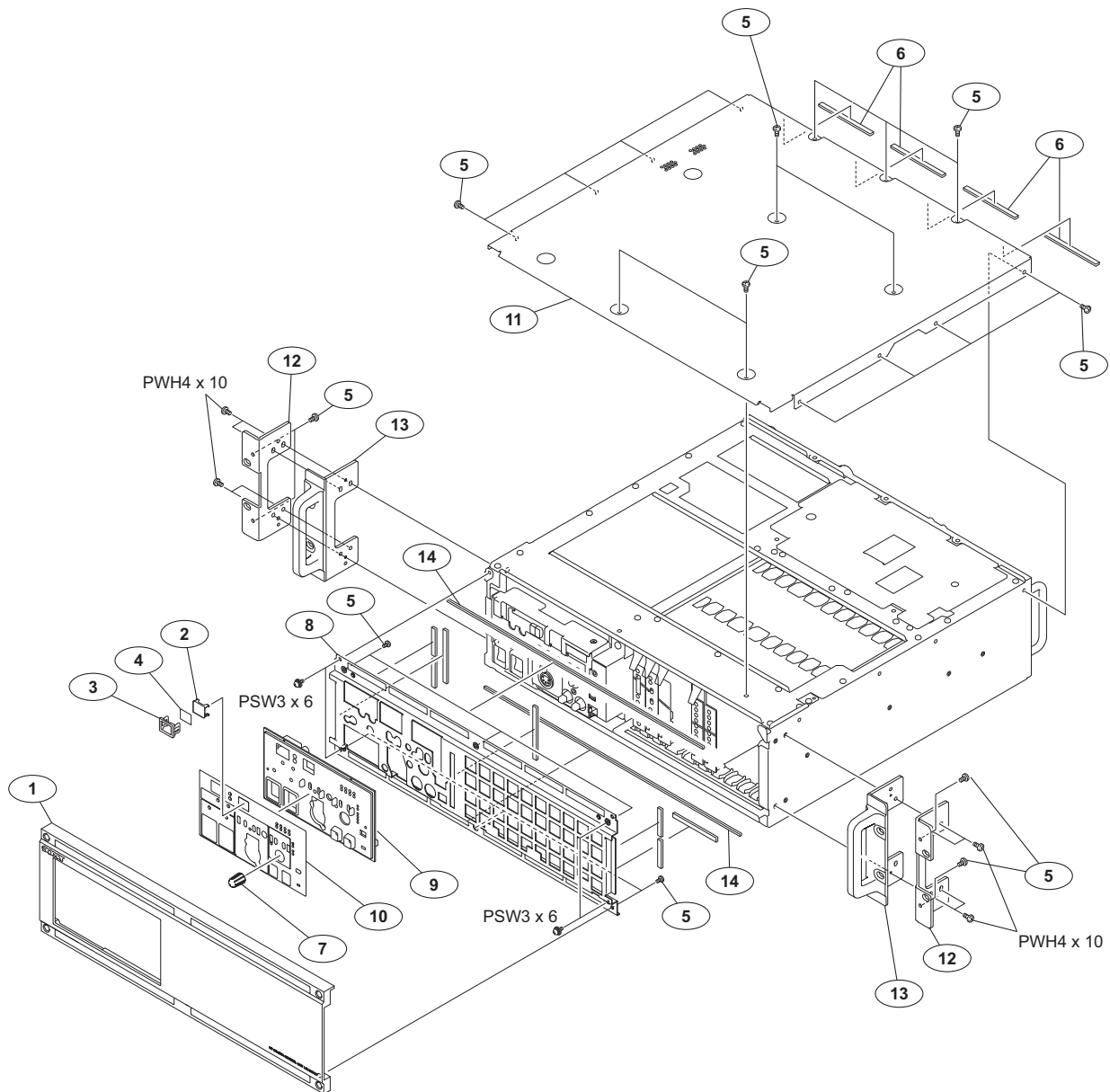
部品表の SP (Supply code) 欄に “o” で示される部品は在庫していないことがあります、納期が長くなる場合があります。

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。

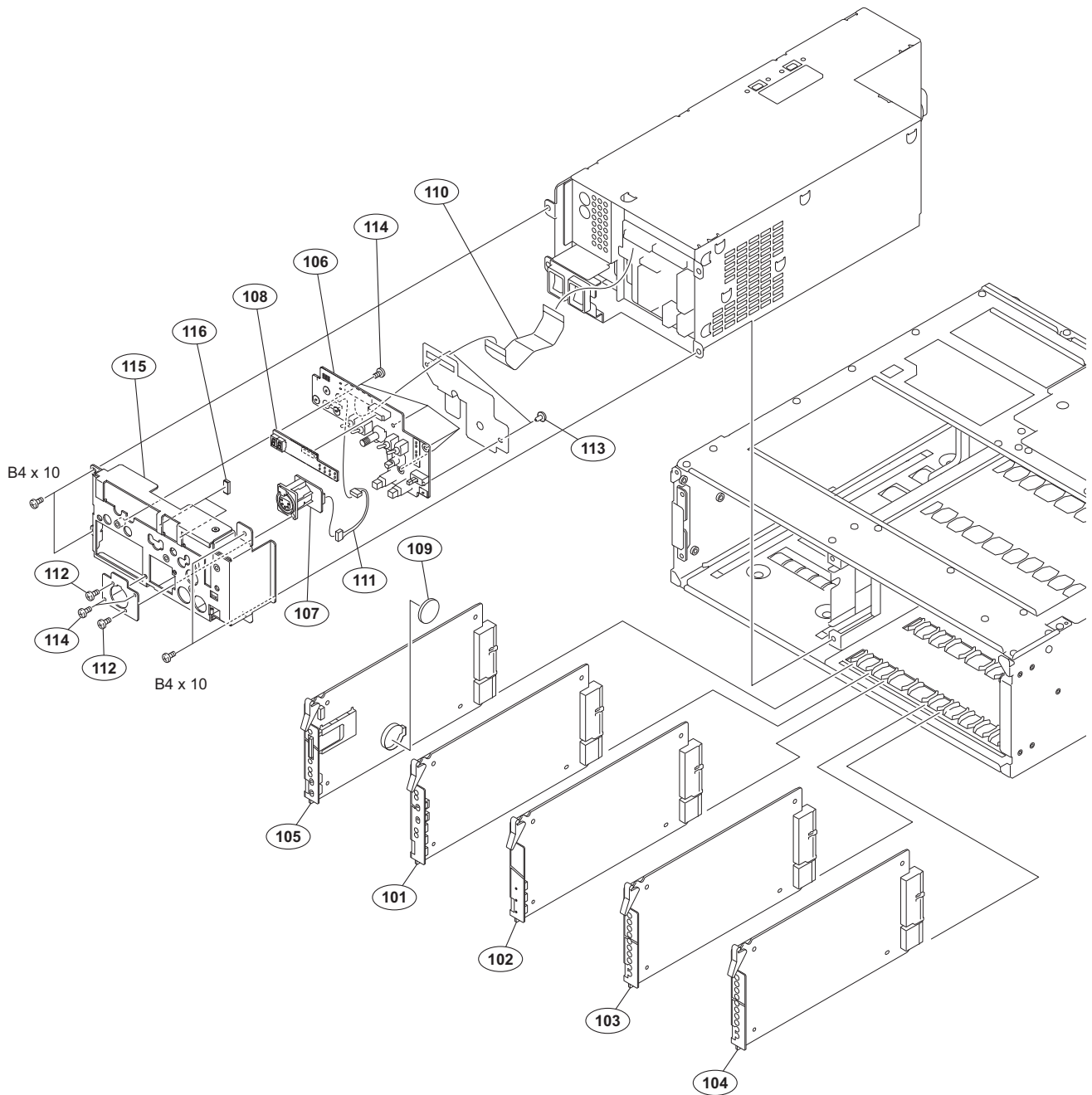
6-2. Exploded Views

Front Side -1



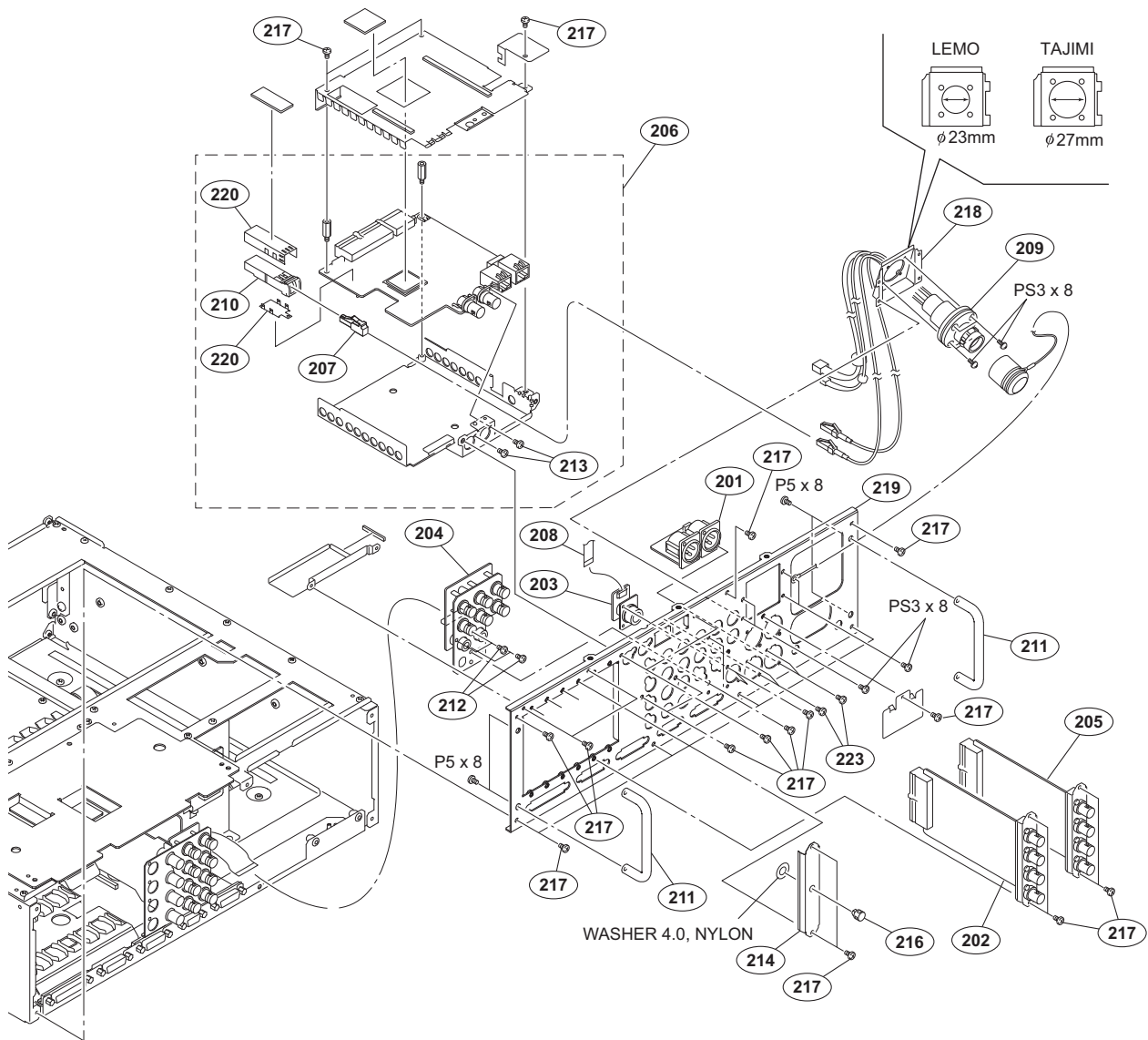
No.	Part No.	SP Description
1	A-1873-279-A s	FRONT PANEL SUB ASSY
2	2-139-192-01 s	FRAME, INDICATOR WINDOW
3	2-139-193-02 s	WINDOW, INDICATOR
4	2-249-353-01 s	COVER, LAMP
5	3-725-295-21 s	SCREW, (+) (B3)
6	3-990-217-01 s	SOFT SHIELD 3500(3133)
7	4-139-232-01 s	KNOB, ROTARY ENCODER
8	4-413-495-01 s	PLATE, FRONT
9	4-413-497-01 s	PANEL, INCOME
10	4-413-498-01 s	SHEET, FRONT PANEL
11	4-413-500-01 s	TOP COVER
12	4-413-525-01 s	BRACKET, RACK (3U)
13	4-413-526-01 s	COVER, RACK BRACKET (3U)
14	4-413-734-01 s	GASKET, SHIELDING STGZ
	7-682-904-21 s	SCREW +PWH 4X10
	7-682-947-09 s	SCREW +PSW 3X6

Front Side -2



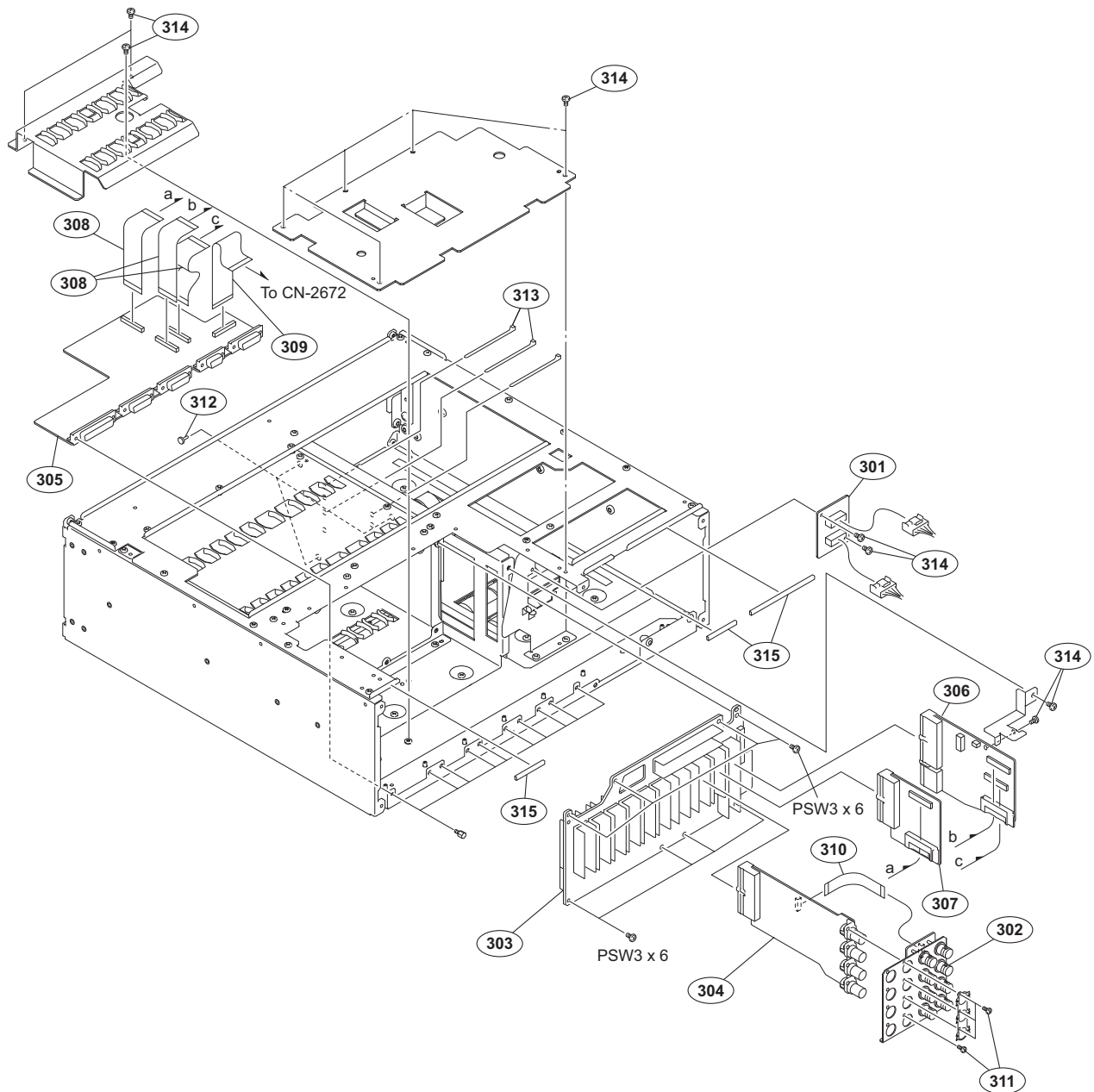
No.	Part No.	SP Description	No.	Part No.	SP Description
101	A-1856-354-A s	MOUNTED CIRCUIT BOARD, AVP-15	116	4-413-534-01 s	CUSHION(7SEG)-F
102	A-1856-355-A s	MOUNTED CIRCUIT BOARD, DTX-9			
103	A-1856-356-A s	MOUNTED CIRCUIT BOARD, DRX-9			
104	A-1856-357-A s	MOUNTED CIRCUIT BOARD, RC-105		7-682-562-04 s	SCREW +B 4X10
105	A-1859-145-A s	MOUNTED CIRCUIT BOARD, AT-167A			
106	A-1860-195-A s	MOUNTED CIRCUIT BOARD, AU-339			
107	A-1860-196-A s	MOUNTED CIRCUIT BOARD, CN-3450			
108	A-1860-200-A s	MOUNTED CIRCUIT BOARD, LE-378			
109	△ 1-528-174-31 s	BATTERY, LITHIUM (CR2032 TYPE)			
110	1-831-657-11 s	CABLE, FLEXIBLE FLAT (26 CORE)			
111	1-968-145-11 s	HARNESS, SUB (INCOM2)			
112	3-364-941-01 s	SCREW (+B) (2.6X5), NYLOK			
113	3-531-576-21 s	RIVET			
114	3-725-295-21 s	SCREW, (+) (B3)			
115	4-413-499-01 s	PANEL, POWER UNIT			

Rear Side -1



No.	Part No.	SP Description	No.	Part No.	SP Description
201	A-1129-232-A	s MOUNTED CIRCUIT BOARD, CN-2673	219	4-413-520-01	s REAR PANEL
202	A-1132-794-A	s MOUNTED CIRCUIT BOARD, HIF-26	220	4-669-854-01	s CAGE, TOP
203	A-1161-079-A	s MOUNTED CIRCUIT BOARD, CN-2805			
204	A-1650-608-A	s MOUNTED CIRCUIT BOARD, CN-2672			
205	A-1764-670-A	s MOUNTED CIRCUIT BOARD, HIF-57			
206	A-1856-358-A	s MOUNTED CIRCUIT BOARD, SDP-17			
207	1-490-082-11	s OPTICAL CONNECTOR (ATTENUATOR)			
208	1-831-666-11	s CABLE, FLEXIBLE FLAT (15 CORE)			
209	⚠ 1-838-240-13	s OPTICAL MULTI CABLE ASSEMBLY-F (LEMO)			
209	⚠ 1-838-251-12	s OPTICAL MULTI CABLE ASSEMBLY (TAJIMI)			
210	⚠ 1-840-881-11	s MODULE, OPTICAL (SFP)			
211	2-378-801-01	s HANDLE			
212	3-165-162-01	s SCREW (+P2.6X5) (TYPE1)			
213	3-364-941-01	s SCREW (+B) (2.6X5), NYLOK			
214	3-620-243-02	s BLANK PANEL			
215	3-637-901-11	s SCREW M2.6X5			
216	3-682-057-11	s SPACER (SMALL)			
217	3-725-295-21	s SCREW, (+) (B3)			
218	3-872-863-02	s FIBER CN HOLDER (LEMO)			
218	3-986-571-01	s FIBER CN HOLDER (TAJIMI)			

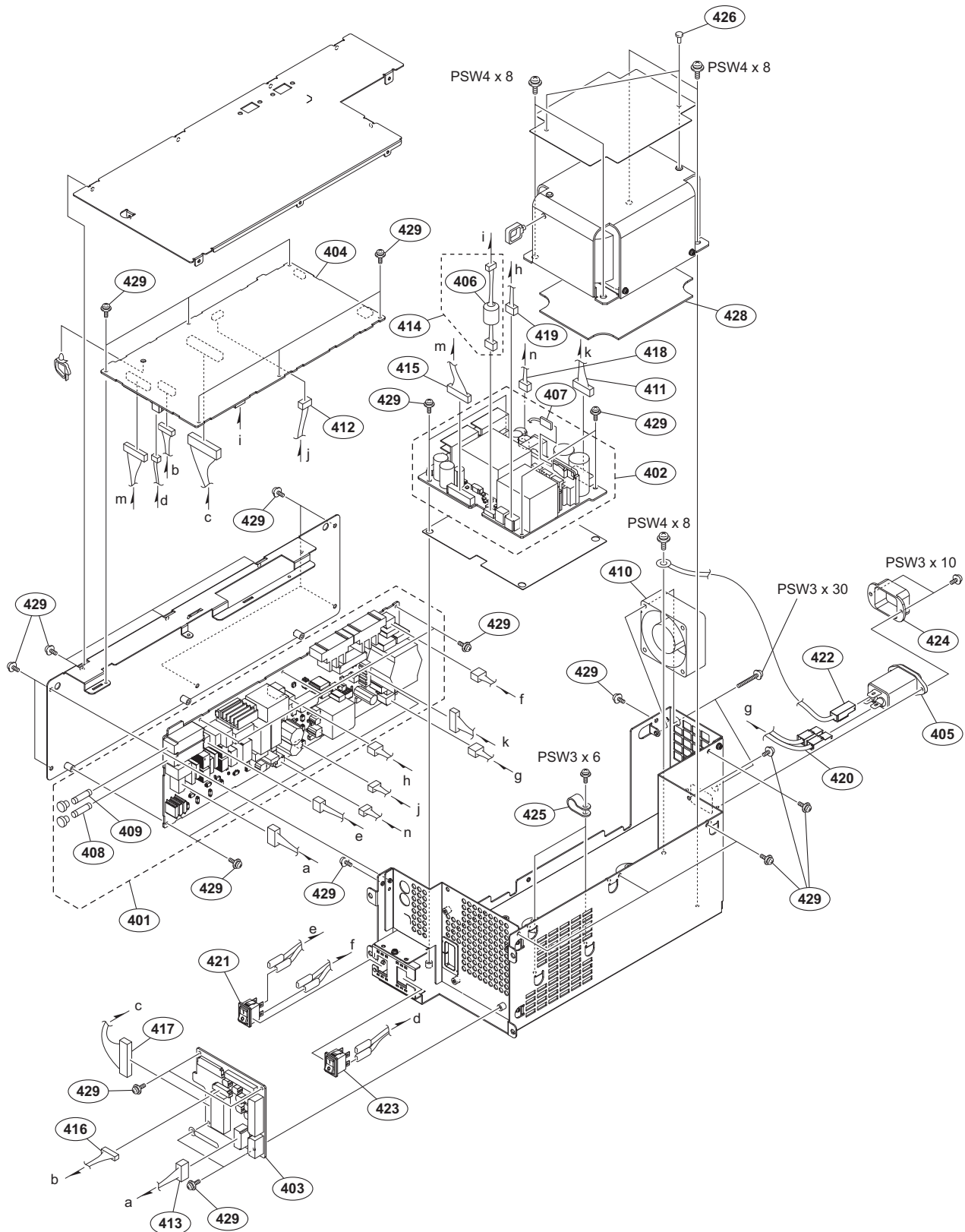
Rear Side -2



No.	Part No.	SP Description
301	A-1129-237-A s	MOUNTED CIRCUIT BOARD, CN-2718
302	A-1161-082-A s	MOUNTED CIRCUIT BOARD, CN-2674
303	A-1860-201-A s	MOUNTED CIRCUIT BOARD, MB-1180
304	A-1860-202-A s	MOUNTED CIRCUIT BOARD, SDI-98
305	A-1868-137-A s	MOUNTED CIRCUIT BOARD, CNB-28A
306	A-1862-003-A s	MOUNTED CIRCUIT BOARD, VIF-52
307	A-1865-247-A s	MOUNTED CIRCUIT BOARD, ADO-12
308	1-831-087-11 s	CABLE, FLEXIBLE FLAT (50 CORE)
309	1-831-664-11 s	CABLE, FLEXIBLE FLAT (50 CORE)
310	1-831-666-11 s	CABLE, FLEXIBLE FLAT (15 CORE)
311	3-364-941-01 s	SCREW (+B) (2.6 X5), NYLOK
312	3-531-576-21 s	RIVET
313	3-691-877-01 s	BAND, BINDING
314	3-725-295-21 s	SCREW, (+) (B3)
315	3-990-217-01 s	SOFT SHIELD 3500 (3133)

7-682-947-01 s SCREW +PSW 3X6

Power Block (A10)



No.	Part No.	SP Description	No.	Part No.	SP Description
401	⚠ A-1769-658-A s	MOUNTED CIRCUIT BOARD, PS-780	406	1-500-249-11 s	BEAD, FERRITE (CASE)
402	⚠ A-1769-659-A s	MOUNTED CIRCUIT BOARD, PS-781	407	1-523-151-11 s	THERMOSTAT (EP223)
403	A-1769-662-A s	MOUNTED CIRCUIT BOARD, CN-3275	408	⚠ 1-576-230-51 s	FUSE 3.15A 250V
404	⚠ A-1771-135-A s	MOUNTED CIRCUIT BOARD, RE-276	409	⚠ 1-576-300-51 s	FUSE 8A 250V
405	⚠ 1-251-385-12 s	INLET (WITH NOISE FILTER)	410	⚠ 1-787-419-12 s	FAN, DC (60 SQUARE)

Power Block (A10)

No.	Part No.	SP Description
411	1-967-201-11 s	HARNESS, SUB (BOAD1)
412	1-967-202-11 s	HARNESS, SUB (BOAD2)
413	1-967-204-11 s	HARNESS, SUB (CAM POWER)
414	1-967-205-11 s	HARNESS, SUB (BOAD4)
415	1-967-206-11 s	HARNESS, SUB (BOAD5)
416	1-967-207-11 s	HARNESS, SUB (SIGNAL)
417	1-967-208-11 s	HARNESS, SUB (CCU POWER)
418	1-967-209-11 s	HARNESS, SUB (BOAD6)
419	1-967-210-11 s	HARNESS, SUB (BOAD7)
420	1-967-211-11 s	HARNESS, SUB (FROM AC)
421	1-967-213-11 s	HARNESS, SUB (FROM SW1)
422	1-967-214-11 s	HARNESS, SUB (EARTH)
423	1-967-215-11 s	HARNESS, SUB (FROM SW2)
424	2-990-241-02 s	HOLDER (A), PLUG
425	3-001-707-05 s	HOLDER, WIRE
426	3-531-576-01 s	RIVET
428	4-191-694-01 s	SHEET RADIATION, COIL (A10-T1.5)
429	4-382-854-51 s	SCREW (M3X6), P, SW (+)
	7-682-947-01 s	SCREW +PSW 3X6
	7-682-949-01 s	SCREW +PSW 3X10
	7-682-955-01 s	SCREW +PSW 3X30
	7-682-961-01 s	SCREW +PSW 4X8

6-3. Electrical Parts List

ADO-12 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1865-247-A	s MOUNTED CIRCUIT BOARD, ADO-12
CN2	1-778-451-31	s CONNECTOR, FFC/FPC(ZIF) AN 50P
CN5	1-764-091-21	o PIN, CONNECTOR (PC BOARD) 6P

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1859-145-A	s MOUNTED CIRCUIT BOARD, AT-167A
0.93pcs	7-640-005-23	s SOLDER (F3M705,D0.8) 1.0KG
4pcs	7-682-947-01	s SCREW +PSW 3X6
BT101	1-756-076-21	s HOLDER, LITHIUM BATTERY
C1	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C2	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C3	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C4	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C5	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C6	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C7	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C8	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C9	1-100-506-91	s CAP, CERAMIC 1MF C (1005)
C10	1-127-573-91	s CAP, CHIP CERAMIC 1MF B (2012)
C11	1-127-573-91	s CAP, CHIP CERAMIC 1MF B (2012)
C12	1-100-506-91	s CAP, CERAMIC 1MF C (1005)
C13	1-126-391-21	s CAP, CHIP ELECT 47MF (5X5.7)
C14	1-126-396-21	s CAP, CHIP ELECT 47MF (6.3X5.7)
C15	1-126-396-21	s CAP, CHIP ELECT 47MF (6.3X5.7)
C16	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C18	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C19	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C20	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C21	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C22	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C23	1-100-506-91	s CAP, CERAMIC 1MF C (1005)
C24	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C25	1-100-506-91	s CAP, CERAMIC 1MF C (1005)
C26	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C28	1-100-506-91	s CAP, CERAMIC 1MF C (1005)
C29	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C30	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C31	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C33	1-100-506-91	s CAP, CERAMIC 1MF C (1005)
C34	1-100-506-91	s CAP, CERAMIC 1MF C (1005)
C35	1-100-506-91	s CAP, CERAMIC 1MF C (1005)
C37	1-126-391-21	s CAP, CHIP ELECT 47MF (5X5.7)
C38	1-126-391-21	s CAP, CHIP ELECT 47MF (5X5.7)
C39	1-126-391-21	s CAP, CHIP ELECT 47MF (5X5.7)
C41	1-126-391-21	s CAP, CHIP ELECT 47MF (5X5.7)
C101	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 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	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C105	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
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

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
C110	1-104-905-11	s CAP, DOUBLE LAYERS 0.22F
C111	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
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
C115	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C117	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C118	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C119	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C120	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
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	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C124	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C125	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C126	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C127	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C128	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C129	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C130	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C131	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C132	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C133	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C134	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C135	1-164-935-81	s CAP, CHIP CERAMIC 470PF B 1005
C136	1-164-935-81	s CAP, CHIP CERAMIC 470PF B 1005
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
C140	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C141	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C142	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C143	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C144	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C145	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C146	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C147	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C148	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C149	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C150	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C151	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C152	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C153	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C154	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C155	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C156	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C157	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C158	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C159	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C160	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C161	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C162	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C163	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C164	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C165	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C166	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C167	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C168	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C169	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C170	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C171	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C172	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C173	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C174	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C175	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C176	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
C720	1-164-937-81 s	CAP, CHIPCERAMIC 1000PF B 1005
C721	1-164-937-81 s	CAP, CHIPCERAMIC 1000PF B 1005
C722	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C723	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C724	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C725	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C726	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C727	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C728	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C729	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C730	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C731	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C732	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C733	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C734	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C735	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C736	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C738	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C739	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C740	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C741	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C742	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C743	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C744	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C745	1-125-891-91 s	CAP, CHIP CERAMIC0.47MF B 1608
C746	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C747	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C748	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C749	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C750	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C751	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C752	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C753	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C754	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C755	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C756	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C757	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C758	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C759	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C760	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C761	1-164-878-81 s	CAP,CHIP CERAMIC 150PF CH 1005
C762	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C763	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C764	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C765	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C766	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C767	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C768	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C769	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C770	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C771	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C772	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C773	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C774	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C775	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C776	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C777	1-164-937-81 s	CAP, CHIPCERAMIC 1000PF B 1005
C778	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C779	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C780	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C781	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C782	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C783	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C784	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C785	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
C786	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C787	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C789	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C790	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C791	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C792	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C793	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C796	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C798	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C799	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C801	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C802	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C803	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C804	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C805	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 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	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C809	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C810	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C811	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C812	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C813	1-125-891-91 s	CAP, CHIP CERAMIC0.47MF B 1608
C814	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C815	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C816	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C817	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C818	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C819	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C820	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C821	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C822	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C823	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C827	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C829	1-164-878-81 s	CAP,CHIP CERAMIC 150PF CH 1005
C830	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C831	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C833	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C834	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C835	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C836	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C837	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C840	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C841	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C842	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C843	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C844	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C845	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C846	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C847	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C848	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C849	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C850	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C851	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C852	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C853	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C854	1-164-937-81 s	CAP, CHIPCERAMIC 1000PF B 1005
C855	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C856	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C857	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C858	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C859	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C860	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C861	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C862	1-165-989-91 s	CAP, CERAMIC 10MF (2012)

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
C863	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C864	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C865	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C866	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C867	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C868	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C870	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C871	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C873	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C874	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C875	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005
C876	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005
CN103	1-794-917-11 s	CONNECTOR, MEMORY STICK
CN301	1-573-290-21 s	PIN, CONNECTOR (1.5MM) (SMD) 4P
CN601	1-764-093-21 o	PIN, CONNECTOR (PC BOARD) 8P
D1	8-719-017-03 s	DIODE 02DZ4.7-TPH3
D2	8-719-017-03 s	DIODE 02DZ4.7-TPH3
D4	8-719-074-31 s	DIODE CL-196YG-CD-T
D101	8-719-820-42 s	DIODE 1SS302-TE85L
D102	8-719-070-20 s	DIODE RB706F-40
D103	8-719-820-42 s	DIODE 1SS302-TE85L
D104	8-719-820-42 s	DIODE 1SS302-TE85L
D105	8-719-820-42 s	DIODE 1SS302-TE85L
D106	8-719-820-42 s	DIODE 1SS302-TE85L
D107	8-719-820-42 s	DIODE 1SS302-TE85L
D401	8-719-024-81 s	DIODE 1SS300-TE85L
D402	8-719-024-81 s	DIODE 1SS300-TE85L
D403	8-719-024-81 s	DIODE 1SS300-TE85L
D404	8-719-024-81 s	DIODE 1SS300-TE85L
D405	8-719-024-81 s	DIODE 1SS300-TE85L
D406	8-719-024-81 s	DIODE 1SS300-TE85L
D407	8-719-024-81 s	DIODE 1SS300-TE85L
D408	8-719-024-81 s	DIODE 1SS300-TE85L
D409	8-719-074-31 s	DIODE CL-196YG-CD-T
D410	8-719-077-09 s	DIODE CL-196HR-CD-T
D411	8-719-027-83 s	DIODE CL-155UR/G-DT
D412	8-719-027-83 s	DIODE CL-155UR/G-DT
D416	8-719-024-81 s	DIODE 1SS300-TE85L
D417	8-719-024-81 s	DIODE 1SS300-TE85L
D418	8-719-024-81 s	DIODE 1SS300-TE85L
D419	8-719-024-81 s	DIODE 1SS300-TE85L
D420	8-719-024-81 s	DIODE 1SS300-TE85L
D421	8-719-024-81 s	DIODE 1SS300-TE85L
D422	8-719-024-81 s	DIODE 1SS300-TE85L
D423	8-719-024-81 s	DIODE 1SS300-TE85L
D425	8-719-024-81 s	DIODE 1SS300-TE85L
D427	8-719-024-81 s	DIODE 1SS300-TE85L
D428	8-719-024-81 s	DIODE 1SS300-TE85L
D429	8-719-024-81 s	DIODE 1SS300-TE85L
D701	8-719-820-42 s	DIODE 1SS302-TE85L
D702	8-719-024-81 s	DIODE 1SS300-TE85L
D703	8-719-820-42 s	DIODE 1SS302-TE85L
D704	8-719-820-42 s	DIODE 1SS302-TE85L
D705	8-719-820-42 s	DIODE 1SS302-TE85L
D706	8-719-820-42 s	DIODE 1SS302-TE85L
D707	8-719-820-42 s	DIODE 1SS302-TE85L
D708	8-719-820-42 s	DIODE 1SS302-TE85L
D709	8-719-070-20 s	DIODE RB706F-40
E1	1-535-877-22 s	CHIP, CHECKER
E2	1-535-877-22 s	CHIP, CHECKER
E4	1-535-877-22 s	CHIP, CHECKER
FB701	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB702	1-469-094-21 s	FERRITE, EMI (SMD) (1608)

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
FB703	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB704	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
IC1	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC2	6-700-655-01 s	IC LT1963ES8#TR
IC3	8-759-327-01 s	IC NJM062V (TE2)
IC4	8-759-327-01 s	IC NJM062V (TE2)
IC6	8-759-338-95 s	IC NJM2903V (TE2)
IC101	6-710-018-01 s	IC CAT24C02WI-GT3
IC102	8-759-523-01 s	IC TC74HC4052AFT (EL)
IC103	8-759-363-26 s	IC RN5VD28AA-TL-FA
IC104	8-759-669-71 s	IC PCF8591T/2
IC105	8-759-648-04 s	IC RTC-4574JE
IC106	8-759-669-44 s	IC SN74LVC74APWR-12
IC107	6-703-461-11 s	IC CY2309ZXC-1HT
IC108	6-706-488-01 s	IC TC7SH14FU
IC110	6-706-487-01 s	IC TC7SH08FU
IC111	8-759-669-42 s	IC SN74LVC138APWR-12
IC112	8-759-669-42 s	IC SN74LVC138APWR-12
IC113	8-759-669-42 s	IC SN74LVC138APWR-12
IC114	8-759-669-68 s	IC SN74CBT3253PWR-12
IC116	6-706-487-01 s	IC TC7SH08FU
IC118	8-759-557-85 s	IC NC7SZ32P5X
IC119	6-705-721-01 s	IC MT48LC8M16A2P-75-Y15WTR
IC120	6-705-721-01 s	IC MT48LC8M16A2P-75-Y15WTR
IC121	8-759-669-42 s	IC SN74LVC138APWR-12
IC122	6-707-947-01 s	IC MB85R256PFTN-G-BNDE1
IC123	6-707-947-01 s	IC MB85R256PFTN-G-BNDE1
IC124	8-759-543-64 s	IC NC7SZ08P5X
IC125	8-759-679-55 s	IC SN74LVC08APWR
IC126	8-759-557-84 s	IC NC7SZ04P5X
IC127	8-759-557-84 s	IC NC7SZ04P5X
IC128	8-759-543-64 s	IC NC7SZ08P5X
IC129	8-759-584-32 s	IC MB86189PMC-G-BND-ER-E1
IC130	6-706-484-01 s	IC TC7SH04FU
IC131	8-759-327-01 s	IC NJM062V (TE2)
IC132	6-706-484-01 s	IC TC7SH04FU
IC133	6-706-488-01 s	IC TC7SH14FU
IC134	6-706-488-01 s	IC TC7SH14FU
IC135	6-706-483-01 s	IC TC7SH02FU
IC136	6-706-488-01 s	IC TC7SH14FU
IC137	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC138	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC139	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC140	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC141	8-759-679-55 s	IC SN74LVC08APWR
IC142	8-759-679-55 s	IC SN74LVC08APWR
IC143	8-759-679-55 s	IC SN74LVC08APWR
IC144	8-759-327-01 s	IC NJM062V (TE2)
IC145	8-759-669-66 s	IC TLC272CPWR-12
IC146	8-759-543-64 s	IC NC7SZ08P5X
IC147	8-759-543-64 s	IC NC7SZ08P5X
IC148	8-759-543-64 s	IC NC7SZ08P5X
IC149	8-759-679-55 s	IC SN74LVC08APWR
IC150	8-759-543-64 s	IC NC7SZ08P5X
IC151	6-706-487-01 s	IC TC7SH08FU
IC301	6-717-397-01 s	IC CXD9093AR
IC302	6-706-487-01 s	IC TC7SH08FU
IC303	6-706-484-01 s	IC TC7SH04FU
IC304	6-717-397-01 s	IC CXD9093AR
IC305	6-702-691-01 s	IC BCM5221A4KPTG
IC306	8-759-531-92 s	IC TC7WH04FU (TE12R)
IC307	8-759-471-91 s	IC 74VHC04MTCX
IC308	8-759-092-83 s	IC SN75158PSR
IC309	6-706-487-01 s	IC TC7SH08FU
IC401	6-713-799-01 s	IC BU7122KV-E2

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC402	6-706-357-01 s	IC LTC1664IGN#TR
IC403	6-707-885-01 s	IC TC74VHCT08AFT (EKJ)
IC406	8-759-531-92 s	IC TC7WH04FU (TE12R)
IC407	6-713-799-01 s	IC BU7122KV-E2
IC408	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC409	8-759-531-92 s	IC TC7WH04FU (TE12R)
IC410	8-759-471-96 s	IC 74VHC08MTCX
IC411	8-759-471-96 s	IC 74VHC08MTCX
IC602	8-759-363-26 s	IC RN5VD28AA-TL-FA
IC607	6-706-487-01 s	IC TC7SH08FU
IC701	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC702	8-759-327-14 s	IC TL712CPSR
IC703	8-759-327-14 s	IC TL712CPSR
IC704	8-759-327-14 s	IC TL712CPSR
IC705	8-759-344-12 s	IC GS4981CTAE3
IC706	8-759-669-41 s	IC SN74LVC125APWR-12
IC707	6-707-885-01 s	IC TC74VHCT08AFT (EKJ)
IC708	8-759-485-24 s	IC MC74HC4046ADTR2
IC709	8-759-184-65 s	IC TC4W66FU (TE12R)
IC710	8-759-564-49 s	IC TC7W53FU (TE12R)
IC711	8-759-564-49 s	IC TC7W53FU (TE12R)
IC712	8-759-675-47 s	IC SN74LVC04APWR
IC713	8-759-675-47 s	IC SN74LVC04APWR
IC715	8-759-675-47 s	IC SN74LVC04APWR
IC717	6-700-804-01 s	IC SN74LVC574APWR
IC718	8-759-564-49 s	IC TC7W53FU (TE12R)
IC719	6-700-186-01 s	IC GS4981ITA
IC720	8-759-327-14 s	IC TL712CPSR
IC722	8-759-485-24 s	IC MC74HC4046ADTR2
IC723	8-759-564-49 s	IC TC7W53FU (TE12R)
IC724	8-759-564-49 s	IC TC7W53FU (TE12R)
IC726	6-700-804-01 s	IC SN74LVC574APWR
IC727	8-759-471-91 s	IC 74VHC04MTCX
IC728	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC729	8-759-669-41 s	IC SN74LVC125APWR-12
IC730	8-759-675-47 s	IC SN74LVC04APWR
IC732	8-759-669-66 s	IC TLC272CPWR-12
IC733	8-759-669-66 s	IC TLC272CPWR-12
IC734	8-759-669-66 s	IC TLC272CPWR-12
IC735	8-759-669-66 s	IC TLC272CPWR-12
IC736	8-759-669-66 s	IC TLC272CPWR-12
IC737	8-759-669-66 s	IC TLC272CPWR-12
IC738	8-759-669-66 s	IC TLC272CPWR-12
IC739	6-706-484-01 s	IC TC7SH04FU
IC740	8-759-669-41 s	IC SN74LVC125APWR-12
IC741	8-759-663-35 s	IC 74VHC4053MTCX
IC742	8-759-663-35 s	IC 74VHC4053MTCX
IC743	8-759-523-04 s	IC TC74HC4538AFT (EL)
IC744	6-706-476-01 s	IC TC7SET04FU
IC745	6-706-476-01 s	IC TC7SET04FU
IC746	6-706-489-01 s	IC TC7SH32FU
IC747	6-706-478-01 s	IC TC7SET08FU
IC748	6-706-478-01 s	IC TC7SET08FU
IC749	8-759-523-04 s	IC TC74HC4538AFT (EL)
IC750	8-759-669-41 s	IC SN74LVC125APWR-12
IC751	6-706-484-01 s	IC TC7SH04FU
IC752	6-706-489-01 s	IC TC7SH32FU
IC753	6-706-484-01 s	IC TC7SH04FU
IC755	6-706-484-01 s	IC TC7SH04FU
IC756	8-759-531-92 s	IC TC7WH04FU (TE12R)
IC757	6-706-478-01 s	IC TC7SET08FU
IC758	6-706-478-01 s	IC TC7SET08FU
IC759	8-759-592-42 s	IC TC7SZ00FU (TE85R)
IC760	8-759-592-42 s	IC TC7SZ00FU (TE85R)
IC761	8-759-592-42 s	IC TC7SZ00FU (TE85R)

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC762	8-759-592-42 s	IC TC7SZ00FU (TE85R)
L1	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L101	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L102	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L103	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L104	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L105	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L106	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L107	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L108	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L109	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L110	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L111	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L113	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L114	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L301	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L302	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L303	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L304	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L305	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L401	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L601	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L602	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L701	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L702	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L703	1-414-396-41 s	INDUCTOR (SMD) 4.7UH
L704	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L705	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L706	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L707	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L708	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L709	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L710	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L711	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L712	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L713	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L714	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L715	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L716	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L717	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L718	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L719	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L720	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L724	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L725	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L726	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L727	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L728	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L729	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L730	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L733	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L734	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L735	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L736	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L737	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L738	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L739	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L740	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L741	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L742	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L743	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
PH1	8-749-011-37 s	PHOTO COUPLER TLP181 (BL-TPR)
PH301	8-749-014-35 s	IC HCPL-0630-500
PH302	8-749-014-35 s	IC HCPL-0630-500

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q1	8-729-035-99 s	TRANSISTOR 2SA1615-Z-E2
Q2	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q3	8-729-209-73 s	TRANSISTOR 2SA1213Y-TE12L
Q4	8-729-209-77 s	TRANSISTOR 2SC2873Y-TE12L
Q5	6-552-545-01 s	TR SI4425DDY-T1-GE3
Q6	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q101	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q102	8-729-209-73 s	TRANSISTOR 2SA1213Y-TE12L
Q301	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q401	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q402	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q403	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q404	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q405	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q406	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q407	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q408	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q409	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q410	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q411	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q412	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q413	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q414	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q415	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q416	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q417	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q418	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q419	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q701	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q702	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q703	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q704	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q705	8-729-142-11 s	TRANSISTOR 2SA1226-T1E3E4
Q706	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q707	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q708	8-729-142-11 s	TRANSISTOR 2SA1226-T1E3E4
Q709	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q710	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
R1	1-208-863-81 s	RES, CHIP 100 (1005)
R2	1-208-875-81 s	RES, CHIP 330 (1005)
R3	1-208-863-81 s	RES, CHIP 100 (1005)
R4	1-208-919-81 s	RES, CHIP 22K (1005)
R5	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R6	1-208-871-81 s	RES, CHIP 220 (1005)
R7	1-208-871-81 s	RES, CHIP 220 (1005)
R8	1-208-871-81 s	RES, CHIP 220 (1005)
R9	1-208-911-81 s	RES, CHIP 10K (1005)
R10	1-208-911-81 s	RES, CHIP 10K (1005)
R11	1-208-923-81 s	RES, CHIP 33K (1005)
R12	1-208-923-81 s	RES, CHIP 33K (1005)
R13	1-208-923-81 s	RES, CHIP 33K (1005)
R14	1-208-923-81 s	RES, CHIP 33K (1005)
R15	1-208-927-81 s	RES, CHIP 47K (1005)
R16	1-208-911-81 s	RES, CHIP 10K (1005)
R17	1-208-911-81 s	RES, CHIP 10K (1005)
R18	1-208-919-81 s	RES, CHIP 22K (1005)
R19	1-208-907-81 s	RES, CHIP 6.8K (1005)
R20	1-208-923-81 s	RES, CHIP 33K (1005)
R22	1-208-931-81 s	RES, CHIP 68K (1005)
R23	1-208-931-81 s	RES, CHIP 68K (1005)
R33	1-208-927-81 s	RES, CHIP 47K (1005)
R34	1-208-915-81 s	RES, CHIP 15K (1005)
R35	1-208-915-81 s	RES, CHIP 15K (1005)
R36	1-208-919-81 s	RES, CHIP 22K (1005)
R41	1-208-887-81 s	RES, CHIP 1.0K (1005)

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R43	1-208-927-81 s	RES, CHIP 47K (1005)
R44	1-208-935-81 s	RES, CHIP 100K (1005)
R48	1-208-895-81 s	RES, CHIP 2.2K (1005)
R49	1-208-911-81 s	RES, CHIP 10K (1005)
R50	1-208-919-81 s	RES, CHIP 22K (1005)
R51	1-208-911-81 s	RES, CHIP 10K (1005)
R101	1-220-870-81 s	RES, CHIP 10 (1005)
R102	1-208-911-81 s	RES, CHIP 10K (1005)
R103	1-208-911-81 s	RES, CHIP 10K (1005)
R104	1-208-887-81 s	RES, CHIP 1.0K (1005)
R105	1-208-915-81 s	RES, CHIP 15K (1005)
R106	1-208-863-81 s	RES, CHIP 100 (1005)
R107	1-208-863-81 s	RES, CHIP 100 (1005)
R108	1-208-887-81 s	RES, CHIP 1.0K (1005)
R109	1-208-863-81 s	RES, CHIP 100 (1005)
R110	1-208-935-81 s	RES, CHIP 100K (1005)
R111	1-208-911-81 s	RES, CHIP 10K (1005)
R112	1-208-911-81 s	RES, CHIP 10K (1005)
R113	1-208-855-81 s	RES, CHIP 47 (1005)
R115	1-220-870-81 s	RES, CHIP 10 (1005)
R116	1-220-870-81 s	RES, CHIP 10 (1005)
R117	1-220-870-81 s	RES, CHIP 10 (1005)
R118	1-220-870-81 s	RES, CHIP 10 (1005)
R119	1-208-855-81 s	RES, CHIP 47 (1005)
R120	1-208-855-81 s	RES, CHIP 47 (1005)
R121	1-208-911-81 s	RES, CHIP 10K (1005)
R122	1-208-887-81 s	RES, CHIP 1.0K (1005)
R123	1-208-895-81 s	RES, CHIP 2.2K (1005)
R124	1-208-895-81 s	RES, CHIP 2.2K (1005)
R125	1-208-895-81 s	RES, CHIP 2.2K (1005)
R128	1-208-863-81 s	RES, CHIP 100 (1005)
R129	1-208-863-81 s	RES, CHIP 100 (1005)
R130	1-208-887-81 s	RES, CHIP 1.0K (1005)
R131	1-208-935-81 s	RES, CHIP 100K (1005)
R132	1-208-935-81 s	RES, CHIP 100K (1005)
R133	1-208-935-81 s	RES, CHIP 100K (1005)
R134	1-208-935-81 s	RES, CHIP 100K (1005)
R135	1-208-911-81 s	RES, CHIP 10K (1005)
R136	1-208-911-81 s	RES, CHIP 10K (1005)
R137	1-208-863-81 s	RES, CHIP 100 (1005)
R139	1-208-887-81 s	RES, CHIP 1.0K (1005)
R140	1-208-911-81 s	RES, CHIP 10K (1005)
R142	1-208-935-81 s	RES, CHIP 100K (1005)
R144	1-208-887-81 s	RES, CHIP 1.0K (1005)
R147	1-208-863-81 s	RES, CHIP 100 (1005)
R148	1-208-911-81 s	RES, CHIP 10K (1005)
R150	1-208-911-81 s	RES, CHIP 10K (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	1-208-855-81 s	RES, CHIP 47 (1005)
R156	1-208-855-81 s	RES, CHIP 47 (1005)
R157	1-208-855-81 s	RES, CHIP 47 (1005)
R158	1-208-911-81 s	RES, CHIP 10K (1005)
R159	1-208-911-81 s	RES, CHIP 10K (1005)
R160	1-208-911-81 s	RES, CHIP 10K (1005)
R161	1-208-863-81 s	RES, CHIP 100 (1005)
R162	1-208-863-81 s	RES, CHIP 100 (1005)
R163	1-208-863-81 s	RES, CHIP 100 (1005)
R164	1-208-863-81 s	RES, CHIP 100 (1005)
R165	1-208-863-81 s	RES, CHIP 100 (1005)
R166	1-208-863-81 s	RES, CHIP 100 (1005)
R167	1-208-935-81 s	RES, CHIP 100K (1005)
R168	1-208-911-81 s	RES, CHIP 10K (1005)
R169	1-208-911-81 s	RES, CHIP 10K (1005)

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R170	1-208-911-81 s	RES, CHIP 10K (1005)
R171	1-208-911-81 s	RES, CHIP 10K (1005)
R172	1-208-911-81 s	RES, CHIP 10K (1005)
R173	1-220-878-81 s	RES, CHIP 22 (1005)
R174	1-208-911-81 s	RES, CHIP 10K (1005)
R175	1-208-911-81 s	RES, CHIP 10K (1005)
R176	1-208-911-81 s	RES, CHIP 10K (1005)
R177	1-208-911-81 s	RES, CHIP 10K (1005)
R178	1-208-911-81 s	RES, CHIP 10K (1005)
R179	1-220-878-81 s	RES, CHIP 22 (1005)
R180	1-220-878-81 s	RES, CHIP 22 (1005)
R181	1-208-855-81 s	RES, CHIP 47 (1005)
R182	1-208-855-81 s	RES, CHIP 47 (1005)
R183	1-208-855-81 s	RES, CHIP 47 (1005)
R184	1-208-855-81 s	RES, CHIP 47 (1005)
R185	1-208-855-81 s	RES, CHIP 47 (1005)
R186	1-208-863-81 s	RES, CHIP 100 (1005)
R187	1-208-911-81 s	RES, CHIP 10K (1005)
R188	1-208-935-81 s	RES, CHIP 100K (1005)
R189	1-208-863-81 s	RES, CHIP 100 (1005)
R190	1-208-935-81 s	RES, CHIP 100K (1005)
R191	1-208-935-81 s	RES, CHIP 100K (1005)
R192	1-208-855-81 s	RES, CHIP 47 (1005)
R193	1-208-855-81 s	RES, CHIP 47 (1005)
R194	1-220-870-81 s	RES, CHIP 10 (1005)
R195	1-208-935-81 s	RES, CHIP 100K (1005)
R196	1-208-911-81 s	RES, CHIP 10K (1005)
R197	1-208-911-81 s	RES, CHIP 10K (1005)
R198	1-208-911-81 s	RES, CHIP 10K (1005)
R199	1-208-911-81 s	RES, CHIP 10K (1005)
R200	1-208-911-81 s	RES, CHIP 10K (1005)
R201	1-208-935-81 s	RES, CHIP 100K (1005)
R202	1-208-911-81 s	RES, CHIP 10K (1005)
R203	1-208-911-81 s	RES, CHIP 10K (1005)
R204	1-208-911-81 s	RES, CHIP 10K (1005)
R205	1-208-935-81 s	RES, CHIP 100K (1005)
R206	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R207	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R209	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R210	1-208-911-81 s	RES, CHIP 10K (1005)
R211	1-208-911-81 s	RES, CHIP 10K (1005)
R212	1-220-870-81 s	RES, CHIP 10 (1005)
R213	1-208-935-81 s	RES, CHIP 100K (1005)
R214	1-208-911-81 s	RES, CHIP 10K (1005)
R215	1-208-887-81 s	RES, CHIP 1.0K (1005)
R216	1-220-878-81 s	RES, CHIP 22 (1005)
R217	1-220-878-81 s	RES, CHIP 22 (1005)
R218	1-220-878-81 s	RES, CHIP 22 (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	1-208-935-81 s	RES, CHIP 100K (1005)
R223	1-208-935-81 s	RES, CHIP 100K (1005)
R224	1-208-935-81 s	RES, CHIP 100K (1005)
R225	1-208-935-81 s	RES, CHIP 100K (1005)
R227	1-208-927-81 s	RES, CHIP 47K (1005)
R228	1-208-927-81 s	RES, CHIP 47K (1005)
R229	1-208-919-81 s	RES, CHIP 22K (1005)
R230	1-208-911-81 s	RES, CHIP 10K (1005)
R231	1-208-899-81 s	RES, CHIP 3.3K (1005)
R232	1-208-863-81 s	RES, CHIP 100 (1005)
R233	1-208-855-81 s	RES, CHIP 47 (1005)
R234	1-208-863-81 s	RES, CHIP 100 (1005)
R235	1-208-935-81 s	RES, CHIP 100K (1005)
R236	1-208-935-81 s	RES, CHIP 100K (1005)

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R237	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R240	1-220-870-81 s	RES, CHIP 10 (1005)
R241	1-220-870-81 s	RES, CHIP 10 (1005)
R242	1-208-855-81 s	RES, CHIP 47 (1005)
R243	1-208-855-81 s	RES, CHIP 47 (1005)
R245	1-220-870-81 s	RES, CHIP 10 (1005)
R246	1-208-863-81 s	RES, CHIP 100 (1005)
R247	1-208-887-81 s	RES, CHIP 1.0K (1005)
R248	1-220-870-81 s	RES, CHIP 10 (1005)
R301	1-208-863-81 s	RES, CHIP 100 (1005)
R302	1-208-863-81 s	RES, CHIP 100 (1005)
R303	1-208-871-81 s	RES, CHIP 220 (1005)
R304	1-208-907-81 s	RES, CHIP 6.8K (1005)
R305	1-208-911-81 s	RES, CHIP 10K (1005)
R306	1-208-907-81 s	RES, CHIP 6.8K (1005)
R307	1-208-863-81 s	RES, CHIP 100 (1005)
R308	1-220-870-81 s	RES, CHIP 10 (1005)
R309	1-220-870-81 s	RES, CHIP 10 (1005)
R310	1-220-882-81 s	RES, CHIP 33 (1005)
R311	1-208-911-81 s	RES, CHIP 10K (1005)
R312	1-208-907-81 s	RES, CHIP 6.8K (1005)
R313	1-208-907-81 s	RES, CHIP 6.8K (1005)
R314	1-220-870-81 s	RES, CHIP 10 (1005)
R315	1-208-895-81 s	RES, CHIP 2.2K (1005)
R316	1-208-911-81 s	RES, CHIP 10K (1005)
R317	1-208-911-81 s	RES, CHIP 10K (1005)
R318	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)
R321	1-208-887-81 s	RES, CHIP 1.0K (1005)
R322	1-208-887-81 s	RES, CHIP 1.0K (1005)
R323	1-208-887-81 s	RES, CHIP 1.0K (1005)
R324	1-208-887-81 s	RES, CHIP 1.0K (1005)
R325	1-208-911-81 s	RES, CHIP 10K (1005)
R326	1-208-911-81 s	RES, CHIP 10K (1005)
R327	1-208-911-81 s	RES, CHIP 10K (1005)
R328	1-208-871-81 s	RES, CHIP 220 (1005)
R329	1-208-911-81 s	RES, CHIP 10K (1005)
R330	1-208-911-81 s	RES, CHIP 10K (1005)
R331	1-208-927-81 s	RES, CHIP 47K (1005)
R332	1-208-895-81 s	RES, CHIP 2.2K (1005)
R333	1-208-887-81 s	RES, CHIP 1.0K (1005)
R334	1-208-927-81 s	RES, CHIP 47K (1005)
R335	1-208-871-81 s	RES, CHIP 220 (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	1-208-887-81 s	RES, CHIP 1.0K (1005)
R342	1-208-887-81 s	RES, CHIP 1.0K (1005)
R343	1-208-887-81 s	RES, CHIP 1.0K (1005)
R344	1-208-911-81 s	RES, CHIP 10K (1005)
R345	1-208-911-81 s	RES, CHIP 10K (1005)
R346	1-208-911-81 s	RES, CHIP 10K (1005)
R347	1-220-878-81 s	RES, CHIP 22 (1005)
R348	1-208-903-81 s	RES, CHIP 4.7K (1005)
R349	1-208-887-81 s	RES, CHIP 1.0K (1005)
R350	1-208-871-81 s	RES, CHIP 220 (1005)
R351	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R352	1-220-882-81 s	RES, CHIP 33 (1005)
R353	1-220-882-81 s	RES, CHIP 33 (1005)
R354	1-208-863-81 s	RES, CHIP 100 (1005)
R355	1-208-863-81 s	RES, CHIP 100 (1005)
R356	1-208-863-81 s	RES, CHIP 100 (1005)
R357	1-208-863-81 s	RES, CHIP 100 (1005)

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R358	1-208-863-81 s	RES, CHIP 100 (1005)
R359	1-208-863-81 s	RES, CHIP 100 (1005)
R360	1-208-863-81 s	RES, CHIP 100 (1005)
R361	1-208-863-81 s	RES, CHIP 100 (1005)
R362	1-208-891-81 s	RES, CHIP 1.5K (1005)
R363	1-208-903-81 s	RES, CHIP 4.7K (1005)
R364	1-220-870-81 s	RES, CHIP 10 (1005)
R401	1-208-935-81 s	RES, CHIP 100K (1005)
R402	1-208-935-81 s	RES, CHIP 100K (1005)
R403	1-208-935-81 s	RES, CHIP 100K (1005)
R404	1-208-935-81 s	RES, CHIP 100K (1005)
R405	1-220-870-81 s	RES, CHIP 10 (1005)
R406	1-208-927-81 s	RES, CHIP 47K (1005)
R407	1-208-927-81 s	RES, CHIP 47K (1005)
R408	1-208-927-81 s	RES, CHIP 47K (1005)
R409	1-208-927-81 s	RES, CHIP 47K (1005)
R410	1-208-919-81 s	RES, CHIP 22K (1005)
R411	1-208-919-81 s	RES, CHIP 22K (1005)
R412	1-208-919-81 s	RES, CHIP 22K (1005)
R413	1-208-919-81 s	RES, CHIP 22K (1005)
R414	1-208-887-81 s	RES, CHIP 1.0K (1005)
R415	1-208-911-81 s	RES, CHIP 10K (1005)
R416	1-208-895-81 s	RES, CHIP 2.2K (1005)
R417	1-208-895-81 s	RES, CHIP 2.2K (1005)
R418	1-208-895-81 s	RES, CHIP 2.2K (1005)
R419	1-208-895-81 s	RES, CHIP 2.2K (1005)
R420	1-208-919-81 s	RES, CHIP 22K (1005)
R421	1-208-919-81 s	RES, CHIP 22K (1005)
R422	1-208-927-81 s	RES, CHIP 47K (1005)
R423	1-208-927-81 s	RES, CHIP 47K (1005)
R424	1-208-863-81 s	RES, CHIP 100 (1005)
R425	1-208-863-81 s	RES, CHIP 100 (1005)
R426	1-208-863-81 s	RES, CHIP 100 (1005)
R427	1-208-863-81 s	RES, CHIP 100 (1005)
R430	1-208-863-81 s	RES, CHIP 100 (1005)
R431	1-208-863-81 s	RES, CHIP 100 (1005)
R432	1-208-887-81 s	RES, CHIP 1.0K (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)
R440	1-208-927-81 s	RES, CHIP 47K (1005)
R441	1-208-927-81 s	RES, CHIP 47K (1005)
R442	1-208-927-81 s	RES, CHIP 47K (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	1-220-870-81 s	RES, CHIP 10 (1005)
R449	1-220-870-81 s	RES, CHIP 10 (1005)
R450	1-208-919-81 s	RES, CHIP 22K (1005)
R451	1-208-911-81 s	RES, CHIP 10K (1005)
R452	1-220-870-81 s	RES, CHIP 10 (1005)
R453	1-208-887-81 s	RES, CHIP 1.0K (1005)
R454	1-208-927-81 s	RES, CHIP 47K (1005)
R455	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R456	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R457	1-208-927-81 s	RES, CHIP 47K (1005)
R458	1-208-927-81 s	RES, CHIP 47K (1005)
R459	1-208-911-81 s	RES, CHIP 10K (1005)
R460	1-208-911-81 s	RES, CHIP 10K (1005)
R461	1-208-911-81 s	RES, CHIP 10K (1005)
R462	1-208-911-81 s	RES, CHIP 10K (1005)
R463	1-208-927-81 s	RES, CHIP 47K (1005)

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R464	1-208-935-81 s	RES, CHIP 100K (1005)
R467	1-208-863-81 s	RES, CHIP 100 (1005)
R468	1-208-863-81 s	RES, CHIP 100 (1005)
R469	1-208-863-81 s	RES, CHIP 100 (1005)
R470	1-208-863-81 s	RES, CHIP 100 (1005)
R471	1-208-903-81 s	RES, CHIP 4.7K (1005)
R472	1-208-923-81 s	RES, CHIP 33K (1005)
R473	1-208-903-81 s	RES, CHIP 4.7K (1005)
R474	1-208-935-81 s	RES, CHIP 100K (1005)
R476	1-208-903-81 s	RES, CHIP 4.7K (1005)
R477	1-208-903-81 s	RES, CHIP 4.7K (1005)
R478	1-208-911-81 s	RES, CHIP 10K (1005)
R479	1-208-911-81 s	RES, CHIP 10K (1005)
R480	1-208-927-81 s	RES, CHIP 47K (1005)
R481	1-208-935-81 s	RES, CHIP 100K (1005)
R482	1-208-871-81 s	RES, CHIP 220 (1005)
R483	1-208-875-81 s	RES, CHIP 330 (1005)
R484	1-208-875-81 s	RES, CHIP 330 (1005)
R485	1-208-863-81 s	RES, CHIP 100 (1005)
R486	1-208-871-81 s	RES, CHIP 220 (1005)
R488	1-208-863-81 s	RES, CHIP 100 (1005)
R489	1-208-863-81 s	RES, CHIP 100 (1005)
R490	1-208-863-81 s	RES, CHIP 100 (1005)
R492	1-208-887-81 s	RES, CHIP 1.0K (1005)
R493	1-208-887-81 s	RES, CHIP 1.0K (1005)
R494	1-208-887-81 s	RES, CHIP 1.0K (1005)
R495	1-208-887-81 s	RES, CHIP 1.0K (1005)
R496	1-208-887-81 s	RES, CHIP 1.0K (1005)
R497	1-208-935-81 s	RES, CHIP 100K (1005)
R498	1-208-935-81 s	RES, CHIP 100K (1005)
R499	1-208-935-81 s	RES, CHIP 100K (1005)
R500	1-208-935-81 s	RES, CHIP 100K (1005)
R501	1-208-935-81 s	RES, CHIP 100K (1005)
R502	1-208-935-81 s	RES, CHIP 100K (1005)
R503	1-208-887-81 s	RES, CHIP 1.0K (1005)
R504	1-208-887-81 s	RES, CHIP 1.0K (1005)
R505	1-208-887-81 s	RES, CHIP 1.0K (1005)
R506	1-208-911-81 s	RES, CHIP 10K (1005)
R507	1-208-911-81 s	RES, CHIP 10K (1005)
R508	1-208-911-81 s	RES, CHIP 10K (1005)
R509	1-208-863-81 s	RES, CHIP 100 (1005)
R510	1-208-927-81 s	RES, CHIP 47K (1005)
R511	1-208-927-81 s	RES, CHIP 47K (1005)
R512	1-208-863-81 s	RES, CHIP 100 (1005)
R513	1-208-927-81 s	RES, CHIP 47K (1005)
R514	1-208-935-81 s	RES, CHIP 100K (1005)
R515	1-208-927-81 s	RES, CHIP 47K (1005)
R516	1-208-919-81 s	RES, CHIP 22K (1005)
R517	1-208-923-81 s	RES, CHIP 33K (1005)
R518	1-208-911-81 s	RES, CHIP 10K (1005)
R519	1-208-919-81 s	RES, CHIP 22K (1005)
R520	1-208-911-81 s	RES, CHIP 10K (1005)
R521	1-208-927-81 s	RES, CHIP 47K (1005)
R522	1-208-919-81 s	RES, CHIP 22K (1005)
R523	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R601	1-208-911-81 s	RES, CHIP 10K (1005)
R602	1-208-911-81 s	RES, CHIP 10K (1005)
R603	1-208-887-81 s	RES, CHIP 1.0K (1005)
R604	1-208-863-81 s	RES, CHIP 100 (1005)
R605	1-208-863-81 s	RES, CHIP 100 (1005)
R606	1-208-911-81 s	RES, CHIP 10K (1005)
R607	1-208-911-81 s	RES, CHIP 10K (1005)
R608	1-208-927-81 s	RES, CHIP 47K (1005)
R609	1-208-911-81 s	RES, CHIP 10K (1005)
R610	1-208-855-81 s	RES, CHIP 47 (1005)

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R611	1-208-855-81 s	RES, CHIP 47 (1005)
R614	1-220-870-81 s	RES, CHIP 10 (1005)
R615	1-208-911-81 s	RES, CHIP 10K (1005)
R617	1-208-911-81 s	RES, CHIP 10K (1005)
R618	1-208-863-81 s	RES, CHIP 100 (1005)
R619	1-208-863-81 s	RES, CHIP 100 (1005)
R620	1-208-863-81 s	RES, CHIP 100 (1005)
R621	1-208-863-81 s	RES, CHIP 100 (1005)
R622	1-208-863-81 s	RES, CHIP 100 (1005)
R623	1-208-863-81 s	RES, CHIP 100 (1005)
R624	1-208-863-81 s	RES, CHIP 100 (1005)
R625	1-208-863-81 s	RES, CHIP 100 (1005)
R626	1-208-863-81 s	RES, CHIP 100 (1005)
R627	1-208-863-81 s	RES, CHIP 100 (1005)
R628	1-208-863-81 s	RES, CHIP 100 (1005)
R629	1-208-863-81 s	RES, CHIP 100 (1005)
R630	1-220-870-81 s	RES, CHIP 10 (1005)
R631	1-208-895-81 s	RES, CHIP 2.2K (1005)
R633	1-208-863-81 s	RES, CHIP 100 (1005)
R700	1-208-883-81 s	RES, CHIP 680 (1005)
R701	1-208-875-81 s	RES, CHIP 330 (1005)
R702	1-208-887-81 s	RES, CHIP 1.0K (1005)
R703	1-208-879-81 s	RES, CHIP 470 (1005)
R704	1-208-863-81 s	RES, CHIP 100 (1005)
R705	1-208-863-81 s	RES, CHIP 100 (1005)
R706	1-208-863-81 s	RES, CHIP 100 (1005)
R707	1-208-891-81 s	RES, CHIP 1.5K (1005)
R709	1-208-903-81 s	RES, CHIP 4.7K (1005)
R710	1-208-927-81 s	RES, CHIP 47K (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	1-208-895-81 s	RES, CHIP 2.2K (1005)
R715	1-208-887-81 s	RES, CHIP 1.0K (1005)
R716	1-208-919-81 s	RES, CHIP 22K (1005)
R717	1-208-855-81 s	RES, CHIP 47 (1005)
R718	1-208-855-81 s	RES, CHIP 47 (1005)
R719	1-208-871-81 s	RES, CHIP 220 (1005)
R720	1-208-863-81 s	RES, CHIP 100 (1005)
R721	1-208-863-81 s	RES, CHIP 100 (1005)
R722	1-208-895-81 s	RES, CHIP 2.2K (1005)
R723	1-208-895-81 s	RES, CHIP 2.2K (1005)
R724	1-208-915-81 s	RES, CHIP 15K (1005)
R725	1-208-887-81 s	RES, CHIP 1.0K (1005)
R726	1-220-870-81 s	RES, CHIP 10 (1005)
R727	1-208-855-81 s	RES, CHIP 47 (1005)
R729	1-208-863-81 s	RES, CHIP 100 (1005)
R730	1-208-879-81 s	RES, CHIP 470 (1005)
R731	1-220-870-81 s	RES, CHIP 10 (1005)
R732	1-220-870-81 s	RES, CHIP 10 (1005)
R733	1-208-895-81 s	RES, CHIP 2.2K (1005)
R734	1-220-870-81 s	RES, CHIP 10 (1005)
R735	1-220-870-81 s	RES, CHIP 10 (1005)
R736	1-208-863-81 s	RES, CHIP 100 (1005)
R737	1-208-875-81 s	RES, CHIP 330 (1005)
R738	1-208-871-81 s	RES, CHIP 220 (1005)
R739	1-208-915-81 s	RES, CHIP 15K (1005)
R740	1-220-870-81 s	RES, CHIP 10 (1005)
R741	1-208-903-81 s	RES, CHIP 4.7K (1005)
R742	1-220-870-81 s	RES, CHIP 10 (1005)
R743	1-208-903-81 s	RES, CHIP 4.7K (1005)
R744	1-208-863-81 s	RES, CHIP 100 (1005)
R745	1-208-899-81 s	RES, CHIP 3.3K (1005)
R746	1-208-911-81 s	RES, CHIP 10K (1005)
R747	1-208-879-81 s	RES, CHIP 470 (1005)

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R748	1-208-911-81 s	RES, CHIP 10K (1005)
R749	1-208-863-81 s	RES, CHIP 100 (1005)
R750	1-208-879-81 s	RES, CHIP 470 (1005)
R751	1-208-903-81 s	RES, CHIP 4.7K (1005)
R752	1-208-911-81 s	RES, CHIP 10K (1005)
R753	1-208-919-81 s	RES, CHIP 22K (1005)
R754	1-208-903-81 s	RES, CHIP 4.7K (1005)
R755	1-208-855-81 s	RES, CHIP 47 (1005)
R756	1-208-895-81 s	RES, CHIP 2.2K (1005)
R757	1-208-911-81 s	RES, CHIP 10K (1005)
R758	1-208-919-81 s	RES, CHIP 22K (1005)
R759	1-208-915-81 s	RES, CHIP 15K (1005)
R760	1-208-879-81 s	RES, CHIP 470 (1005)
R761	1-208-879-81 s	RES, CHIP 470 (1005)
R762	1-208-919-81 s	RES, CHIP 22K (1005)
R763	1-208-947-81 s	RES, CHIP 330K (1005)
R764	1-208-955-81 s	RES, CHIP 680K (1005)
R765	1-208-899-81 s	RES, CHIP 3.3K (1005)
R766	1-208-911-81 s	RES, CHIP 10K (1005)
R767	1-208-863-81 s	RES, CHIP 100 (1005)
R768	1-208-863-81 s	RES, CHIP 100 (1005)
R769	1-208-911-81 s	RES, CHIP 10K (1005)
R770	1-208-863-81 s	RES, CHIP 100 (1005)
R771	1-208-903-81 s	RES, CHIP 4.7K (1005)
R772	1-208-863-81 s	RES, CHIP 100 (1005)
R773	1-208-863-81 s	RES, CHIP 100 (1005)
R774	1-208-903-81 s	RES, CHIP 4.7K (1005)
R775	1-208-863-81 s	RES, CHIP 100 (1005)
R776	1-208-863-81 s	RES, CHIP 100 (1005)
R777	1-208-895-81 s	RES, CHIP 2.2K (1005)
R778	1-208-863-81 s	RES, CHIP 100 (1005)
R779	1-208-855-81 s	RES, CHIP 47 (1005)
R780	1-208-935-81 s	RES, CHIP 100K (1005)
R781	1-208-863-81 s	RES, CHIP 100 (1005)
R782	1-208-863-81 s	RES, CHIP 100 (1005)
R783	1-208-855-81 s	RES, CHIP 47 (1005)
R784	1-208-863-81 s	RES, CHIP 100 (1005)
R785	1-208-863-81 s	RES, CHIP 100 (1005)
R786	1-208-863-81 s	RES, CHIP 100 (1005)
R787	1-208-863-81 s	RES, CHIP 100 (1005)
R788	1-208-903-81 s	RES, CHIP 4.7K (1005)
R789	1-208-903-81 s	RES, CHIP 4.7K (1005)
R790	1-208-863-81 s	RES, CHIP 100 (1005)
R791	1-208-863-81 s	RES, CHIP 100 (1005)
R792	1-208-863-81 s	RES, CHIP 100 (1005)
R793	1-208-955-81 s	RES, CHIP 680K (1005)
R794	1-208-863-81 s	RES, CHIP 100 (1005)
R795	1-208-919-81 s	RES, CHIP 22K (1005)
R796	1-208-911-81 s	RES, CHIP 10K (1005)
R797	1-208-895-81 s	RES, CHIP 2.2K (1005)
R798	1-208-903-81 s	RES, CHIP 4.7K (1005)
R799	1-208-919-81 s	RES, CHIP 22K (1005)
R800	1-208-895-81 s	RES, CHIP 2.2K (1005)
R801	1-208-863-81 s	RES, CHIP 100 (1005)
R802	1-208-863-81 s	RES, CHIP 100 (1005)
R803	1-208-927-81 s	RES, CHIP 47K (1005)
R804	1-208-927-81 s	RES, CHIP 47K (1005)
R805	1-208-855-81 s	RES, CHIP 47 (1005)
R806	1-208-887-81 s	RES, CHIP 1.0K (1005)
R807	1-208-903-81 s	RES, CHIP 4.7K (1005)
R808	1-208-911-81 s	RES, CHIP 10K (1005)
R809	1-208-911-81 s	RES, CHIP 10K (1005)
R810	1-208-895-81 s	RES, CHIP 2.2K (1005)
R811	1-244-161-81 s	RES, CHIP 2.2 (1005)
R812	1-244-161-81 s	RES, CHIP 2.2 (1005)

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R813	1-244-161-81 s	RES, CHIP 2.2 (1005)
R814	1-244-161-81 s	RES, CHIP 2.2 (1005)
R815	1-208-919-81 s	RES, CHIP 22K (1005)
R816	1-220-870-81 s	RES, CHIP 10 (1005)
R817	1-208-907-81 s	RES, CHIP 6.8K (1005)
R818	1-244-161-81 s	RES, CHIP 2.2 (1005)
R819	1-208-863-81 s	RES, CHIP 100 (1005)
R820	1-220-870-81 s	RES, CHIP 10 (1005)
R821	1-220-870-81 s	RES, CHIP 10 (1005)
R822	1-208-955-81 s	RES, CHIP 680K (1005)
R823	1-208-939-81 s	RES, CHIP 150K (1005)
R824	1-208-951-81 s	RES, CHIP 470K (1005)
R825	1-220-870-81 s	RES, CHIP 10 (1005)
R826	1-208-935-81 s	RES, CHIP 100K (1005)
R827	1-208-895-81 s	RES, CHIP 2.2K (1005)
R828	1-208-863-81 s	RES, CHIP 100 (1005)
R829	1-208-895-81 s	RES, CHIP 2.2K (1005)
R830	1-208-895-81 s	RES, CHIP 2.2K (1005)
R831	1-220-870-81 s	RES, CHIP 10 (1005)
R832	1-220-870-81 s	RES, CHIP 10 (1005)
R833	1-208-887-81 s	RES, CHIP 1.0K (1005)
R834	1-208-895-81 s	RES, CHIP 2.2K (1005)
R835	1-244-161-81 s	RES, CHIP 2.2 (1005)
R836	1-244-161-81 s	RES, CHIP 2.2 (1005)
R837	1-244-161-81 s	RES, CHIP 2.2 (1005)
R839	1-208-855-81 s	RES, CHIP 47 (1005)
R840	1-208-863-81 s	RES, CHIP 100 (1005)
R841	1-208-903-81 s	RES, CHIP 4.7K (1005)
R842	1-208-855-81 s	RES, CHIP 47 (1005)
R843	1-208-855-81 s	RES, CHIP 47 (1005)
R844	1-208-899-81 s	RES, CHIP 3.3K (1005)
R845	1-208-919-81 s	RES, CHIP 22K (1005)
R846	1-208-863-81 s	RES, CHIP 100 (1005)
R847	1-208-895-81 s	RES, CHIP 2.2K (1005)
R848	1-208-911-81 s	RES, CHIP 10K (1005)
R851	1-208-919-81 s	RES, CHIP 22K (1005)
R852	1-208-915-81 s	RES, CHIP 15K (1005)
R853	1-208-911-81 s	RES, CHIP 10K (1005)
R854	1-208-863-81 s	RES, CHIP 100 (1005)
R855	1-208-919-81 s	RES, CHIP 22K (1005)
R856	1-208-947-81 s	RES, CHIP 330K (1005)
R857	1-208-855-81 s	RES, CHIP 47 (1005)
R858	1-208-903-81 s	RES, CHIP 4.7K (1005)
R859	1-208-855-81 s	RES, CHIP 47 (1005)
R861	1-208-863-81 s	RES, CHIP 100 (1005)
R862	1-208-863-81 s	RES, CHIP 100 (1005)
R863	1-208-899-81 s	RES, CHIP 3.3K (1005)
R864	1-208-911-81 s	RES, CHIP 10K (1005)
R865	1-208-863-81 s	RES, CHIP 100 (1005)
R866	1-208-911-81 s	RES, CHIP 10K (1005)
R867	1-208-863-81 s	RES, CHIP 100 (1005)
R868	1-208-911-81 s	RES, CHIP 10K (1005)
R869	1-208-863-81 s	RES, CHIP 100 (1005)
R870	1-208-903-81 s	RES, CHIP 4.7K (1005)
R871	1-208-907-81 s	RES, CHIP 6.8K (1005)
R872	1-208-887-81 s	RES, CHIP 1.0K (1005)
R879	1-208-903-81 s	RES, CHIP 4.7K (1005)
R880	1-208-863-81 s	RES, CHIP 100 (1005)
R883	1-208-863-81 s	RES, CHIP 100 (1005)
R885	1-208-863-81 s	RES, CHIP 100 (1005)
R887	1-208-863-81 s	RES, CHIP 100 (1005)
R888	1-208-863-81 s	RES, CHIP 100 (1005)
R889	1-208-863-81 s	RES, CHIP 100 (1005)
R890	1-208-863-81 s	RES, CHIP 100 (1005)
R891	1-208-863-81 s	RES, CHIP 100 (1005)

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R893	1-208-863-81 s	RES, CHIP 100 (1005)
R894	1-208-863-81 s	RES, CHIP 100 (1005)
R897	1-208-863-81 s	RES, CHIP 100 (1005)
R900	1-208-903-81 s	RES, CHIP 4.7K (1005)
R902	1-208-903-81 s	RES, CHIP 4.7K (1005)
R903	1-208-911-81 s	RES, CHIP 10K (1005)
R904	1-208-911-81 s	RES, CHIP 10K (1005)
R905	1-208-911-81 s	RES, CHIP 10K (1005)
R906	1-208-895-81 s	RES, CHIP 2.2K (1005)
R907	1-208-895-81 s	RES, CHIP 2.2K (1005)
R908	1-208-923-81 s	RES, CHIP 33K (1005)
R909	1-208-895-81 s	RES, CHIP 2.2K (1005)
R910	1-220-870-81 s	RES, CHIP 10 (1005)
R911	1-208-895-81 s	RES, CHIP 2.2K (1005)
R912	1-208-927-81 s	RES, CHIP 47K (1005)
R913	1-208-927-81 s	RES, CHIP 47K (1005)
R914	1-208-887-81 s	RES, CHIP 1.0K (1005)
R915	1-220-870-81 s	RES, CHIP 10 (1005)
R916	1-220-870-81 s	RES, CHIP 10 (1005)
R917	1-220-870-81 s	RES, CHIP 10 (1005)
R918	1-208-903-81 s	RES, CHIP 4.7K (1005)
R919	1-208-911-81 s	RES, CHIP 10K (1005)
R920	1-208-911-81 s	RES, CHIP 10K (1005)
R921	1-208-903-81 s	RES, CHIP 4.7K (1005)
R922	1-208-935-81 s	RES, CHIP 100K (1005)
R923	1-244-161-81 s	RES, CHIP 2.2 (1005)
R924	1-208-891-81 s	RES, CHIP 1.5K (1005)
R925	1-208-891-81 s	RES, CHIP 1.5K (1005)
R926	1-208-891-81 s	RES, CHIP 1.5K (1005)
R927	1-208-911-81 s	RES, CHIP 10K (1005)
R928	1-208-903-81 s	RES, CHIP 4.7K (1005)
R929	1-244-161-81 s	RES, CHIP 2.2 (1005)
R930	1-244-161-81 s	RES, CHIP 2.2 (1005)
R931	1-244-161-81 s	RES, CHIP 2.2 (1005)
R932	1-208-935-81 s	RES, CHIP 100K (1005)
R933	1-244-161-81 s	RES, CHIP 2.2 (1005)
R934	1-208-871-81 s	RES, CHIP 220 (1005)
R935	1-208-871-81 s	RES, CHIP 220 (1005)
R936	1-208-863-81 s	RES, CHIP 100 (1005)
R937	1-208-863-81 s	RES, CHIP 100 (1005)
R938	1-208-911-81 s	RES, CHIP 10K (1005)
R939	1-208-915-81 s	RES, CHIP 15K (1005)
R940	1-208-887-81 s	RES, CHIP 1.0K (1005)
R941	1-208-899-81 s	RES, CHIP 3.3K (1005)
R942	1-208-919-81 s	RES, CHIP 22K (1005)
R943	1-208-887-81 s	RES, CHIP 1.0K (1005)
R944	1-208-899-81 s	RES, CHIP 3.3K (1005)
R945	1-208-919-81 s	RES, CHIP 22K (1005)
R946	1-208-871-81 s	RES, CHIP 220 (1005)
R947	1-208-863-81 s	RES, CHIP 100 (1005)
R948	1-208-895-81 s	RES, CHIP 2.2K (1005)
R950	1-208-875-81 s	RES, CHIP 330 (1005)
R954	1-208-863-81 s	RES, CHIP 100 (1005)
R958	1-208-867-81 s	RES, CHIP 150 (1005)
R959	1-208-887-81 s	RES, CHIP 1.0K (1005)
R960	1-208-867-81 s	RES, CHIP 150 (1005)
R961	1-208-887-81 s	RES, CHIP 1.0K (1005)
R962	1-220-870-81 s	RES, CHIP 10 (1005)
R963	1-220-870-81 s	RES, CHIP 10 (1005)
R964	1-220-870-81 s	RES, CHIP 10 (1005)
R965	1-220-870-81 s	RES, CHIP 10 (1005)
R966	1-220-870-81 s	RES, CHIP 10 (1005)
R967	1-220-870-81 s	RES, CHIP 10 (1005)
R969	1-208-863-81 s	RES, CHIP 100 (1005)
R970	1-208-863-81 s	RES, CHIP 100 (1005)

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R972	1-208-855-81 s	RES, CHIP 47 (1005)
R973	1-208-855-81 s	RES, CHIP 47 (1005)
RB101	1-233-810-21 s	RES, NETWORK 100K (3216)
RB102	1-233-810-21 s	RES, NETWORK 100K (3216)
RB103	1-233-810-21 s	RES, NETWORK 100K (3216)
RB104	1-233-810-21 s	RES, NETWORK 100K (3216)
RB105	1-233-810-21 s	RES, NETWORK 100K (3216)
RB106	1-233-810-21 s	RES, NETWORK 100K (3216)
RB107	1-233-810-21 s	RES, NETWORK 100K (3216)
RB108	1-233-810-21 s	RES, NETWORK 100K (3216)
RB109	1-233-810-21 s	RES, NETWORK 100K (3216)
RB110	1-233-810-21 s	RES, NETWORK 100K (3216)
RB111	1-233-810-21 s	RES, NETWORK 100K (3216)
RB112	1-233-810-21 s	RES, NETWORK 100K (3216)
RB113	1-233-810-21 s	RES, NETWORK 100K (3216)
RB114	1-233-810-21 s	RES, NETWORK 100K (3216)
RB115	1-233-810-21 s	RES, NETWORK 100K (3216)
RB116	1-233-810-21 s	RES, NETWORK 100K (3216)
RB117	1-233-810-21 s	RES, NETWORK 100K (3216)
RB118	1-233-810-21 s	RES, NETWORK 100K (3216)
RB119	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RB120	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RB121	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RB123	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RB124	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RB125	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RB126	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RB401	1-233-810-21 s	RES, NETWORK 100K (3216)
RB402	1-233-810-21 s	RES, NETWORK 100K (3216)
RB403	1-233-810-21 s	RES, NETWORK 100K (3216)
RB404	1-233-810-21 s	RES, NETWORK 100K (3216)
RB405	1-233-810-21 s	RES, NETWORK 100K (3216)
RB406	1-233-810-21 s	RES, NETWORK 100K (3216)
RB407	1-233-810-21 s	RES, NETWORK 100K (3216)
RB420	1-233-412-21 s	RES, CHIP NETWORK 1.0K (3216)
RB421	1-233-412-21 s	RES, CHIP NETWORK 1.0K (3216)
RB422	1-233-412-21 s	RES, CHIP NETWORK 1.0K (3216)
RB423	1-233-415-21 s	RES, CHIP NETWORK 10K (3216)
RB424	1-233-412-21 s	RES, CHIP NETWORK 1.0K (3216)
RB425	1-233-412-21 s	RES, CHIP NETWORK 1.0K (3216)
RB426	1-233-412-21 s	RES, CHIP NETWORK 1.0K (3216)
RB427	1-233-412-21 s	RES, CHIP NETWORK 1.0K (3216)
RB428	1-233-412-21 s	RES, CHIP NETWORK 1.0K (3216)
RB429	1-233-412-21 s	RES, CHIP NETWORK 1.0K (3216)
RB430	1-233-412-21 s	RES, CHIP NETWORK 1.0K (3216)
RB431	1-233-412-21 s	RES, CHIP NETWORK 1.0K (3216)
RB701	1-233-576-21 s	RES, CHIP NETWORK 100 (3216)
RB703	1-233-576-21 s	RES, CHIP NETWORK 100 (3216)
RB709	1-233-574-21 s	RES, CHIP NETWORK 10 (3216)
RB710	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RB714	1-233-574-21 s	RES, CHIP NETWORK 10 (3216)
RB715	1-233-574-21 s	RES, CHIP NETWORK 10 (3216)
RB716	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RB717	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RV701	1-225-791-21 s	RES, ADJ, CERMET 5K
RV702	1-225-793-21 s	RES, ADJ, CERMET 20K
S101	1-771-709-41 s	SWITCH, SLIDE
S102	1-771-709-41 s	SWITCH, SLIDE
S103	1-771-709-41 s	SWITCH, SLIDE
S104	1-771-709-41 s	SWITCH, SLIDE
S401	1-762-118-21 s	SWITCH, TOGGLE
S402	1-762-120-21 s	SWITCH, TOGGLE
S403	1-572-658-21 s	SWITCH, ROTARY
S404	1-572-658-21 s	SWITCH, ROTARY

AT-167A BOARD

Ref. No. or Q'ty	Part No.	SP Description
S405	1-572-658-21 s	SWITCH, ROTARY
S406	1-692-271-41 s	SWITCH, SLIDE
S407	1-692-271-41 s	SWITCH, SLIDE
S408	1-692-271-41 s	SWITCH, SLIDE
S409	1-692-271-41 s	SWITCH, SLIDE
S410	1-762-217-31 s	SWITCH, SLIDE
S411	1-570-711-33 s	SWITCH, SLIDE
S412	1-570-711-33 s	SWITCH, SLIDE
S413	1-570-711-33 s	SWITCH, SLIDE
S416	1-762-217-31 s	SWITCH, SLIDE
S418	1-762-217-31 s	SWITCH, SLIDE
S419	1-762-217-31 s	SWITCH, SLIDE
S420	1-762-217-31 s	SWITCH, SLIDE
THP1	△ 1-533-817-21 s	THERMISTOR
THP2	△ 1-533-817-21 s	THERMISTOR
THP3	△ 1-804-458-21 s	THERMISTOR, POSITIVE
THP4	△ 1-804-458-21 s	THERMISTOR, POSITIVE
THP101	△ 1-803-353-21 s	THERMISTOR, POSITIVE
TP601	1-535-877-22 s	CHIP, CHECKER
TP701	1-535-877-22 s	CHIP, CHECKER
TP702	1-535-877-22 s	CHIP, CHECKER
TP703	1-535-877-22 s	CHIP, CHECKER
TP704	1-535-877-22 s	CHIP, CHECKER
TP705	1-535-877-22 s	CHIP, CHECKER
TP709	1-535-877-22 s	CHIP, CHECKER
TP711	1-535-877-22 s	CHIP, CHECKER
TP712	1-535-877-22 s	CHIP, CHECKER
TP713	1-535-877-22 s	CHIP, CHECKER
TP714	1-535-877-22 s	CHIP, CHECKER
X301	1-813-007-21 s	OSCILLATOR, CRYSTAL (SMD)
X302	1-795-177-21 s	OSCILLATOR, CRYSTAL
X701	1-813-212-11 s	OSCILLATOR, CRYSTAL
X702	1-795-671-12 s	OSCILLATOR, CRYSTAL (VCXO) 3.3V
X703	1-795-670-12 s	OSCILLATOR, CRYSTAL (VCXO) 3.3V

AU-339 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1860-195-A s	MOUNTED CIRCUIT BOARD, AU-339
C3	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
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	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C10	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C11	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C12	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C13	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B (3225)
C14	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C15	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C16	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C17	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C18	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C19	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C20	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C21	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C22	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C23	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005

AU-339 BOARD

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	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C28	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C29	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C30	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C31	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C32	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C36	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C37	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C38	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C39	1-115-153-21 s	CAP, ELECT 4.7MF
C40	1-115-153-21 s	CAP, ELECT 4.7MF
C41	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C42	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C43	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C44	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C45	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C46	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C47	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C48	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C49	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C50	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C51	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C52	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C53	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C54	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C55	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C56	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C57	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C58	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C59	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C60	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
CN1	1-766-198-51 s	CONNECTOR, FPC 26P
CN2	1-815-960-21 s	CONNECTOR, BOAR TO BOAR 30P
CN4	1-779-806-21 s	CONNECTOR 8P
D1	6-501-358-01 s	DIODE CL-197HG5-CD-T
D2	6-501-358-01 s	DIODE CL-197HG5-CD-T
D3	6-502-598-01 s	DI SML-D12U8WT86
D4	6-502-598-01 s	DI SML-D12U8WT86
D5	6-501-123-01 s	DIODE RB160M-60TR
D6	6-502-196-01 s	DI SML-D12Y8WT86SP
D8	6-502-598-01 s	DI SML-D12U8WT86
D10	6-502-196-01 s	DI SML-D12Y8WT86SP
D12	6-501-358-01 s	DIODE CL-197HG5-CD-T
D14	6-502-598-01 s	DI SML-D12U8WT86
D16	6-502-196-01 s	DI SML-D12Y8WT86SP
D17	6-501-358-01 s	DIODE CL-197HG5-CD-T
D19	6-502-598-01 s	DI SML-D12U8WT86
D20	6-502-598-01 s	DI SML-D12U8WT86
D21	6-502-197-01 s	DI SML-D12M8WT86SM
D22	6-502-195-01 s	DI SML-D12D8WT86SQ
D31	6-502-197-01 s	DI SML-D12M8WT86SM
D32	6-502-598-01 s	DI SML-D12U8WT86
D33	6-502-598-01 s	DI SML-D12U8WT86
D34	6-502-598-01 s	DI SML-D12U8WT86
D35	6-502-598-01 s	DI SML-D12U8WT86
D36	6-502-598-01 s	DI SML-D12U8WT86
D37	6-502-197-01 s	DI SML-D12M8WT86SM
D38	6-502-196-01 s	DI SML-D12Y8WT86SP
D39	6-501-358-01 s	DIODE CL-197HG5-CD-T
EN1	1-480-630-11 s	ENCODER, ROTARY
FB1	1-414-864-21 s	FERRITE, EMI (SMD) (1608)

AU-339 BOARD

Ref. No. or Q'ty	Part No.	SP Description
FB2	1-414-864-21 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)
FB6	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
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	1-400-832-21 s	SMD EMI FERRITE
FB11	1-400-832-21 s	SMD EMI FERRITE
FB12	1-400-832-21 s	SMD EMI FERRITE
FB13	1-400-832-21 s	SMD EMI FERRITE
FB14	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB15	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB16	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB17	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
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
IC1	8-759-422-21 s	IC NJM4580V(Te2)
IC2	6-714-935-01 s	IC TPSS4225PWPR
IC3	6-711-237-01 s	IC NJM2878F3-33 (Te2)
IC4	6-714-067-01 s	IC PCA9555DB-T
IC5	6-714-067-01 s	IC PCA9555DB-T
IC6	6-714-067-01 s	IC PCA9555DB-T
JC1	1-218-990-81 s	CONDUCTOR, CHIP (1005)
L1	1-457-455-11 s	CHOKE COIL 10UH
Q2	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q3	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q4	8-729-928-91 s	TRANSISTOR DTC114EE-TL
Q5	8-729-928-91 s	TRANSISTOR DTC114EE-TL
Q6	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q7	8-729-928-91 s	TRANSISTOR DTC114EE-TL
Q8	8-729-231-96 s	TRANSISTOR 2SK880GR-TE85L
Q9	8-729-231-96 s	TRANSISTOR 2SK880GR-TE85L
Q10	8-729-928-91 s	TRANSISTOR DTC114EE-TL
R1	1-220-870-81 s	RES, CHIP 10 (1005)
R2	1-220-870-81 s	RES, CHIP 10 (1005)
R3	1-220-870-81 s	RES, CHIP 10 (1005)
R4	1-220-870-81 s	RES, CHIP 10 (1005)
R5	1-208-927-81 s	RES, CHIP 47K (1005)
R6	1-208-911-81 s	RES, CHIP 10K (1005)
R7	1-208-923-81 s	RES, CHIP 33K (1005)
R8	1-208-907-81 s	RES, CHIP 6.8K (1005)
R11	1-208-879-81 s	RES, CHIP 470 (1005)
R12	1-208-879-81 s	RES, CHIP 470 (1005)
R13	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R19	1-208-863-81 s	RES, CHIP 100 (1005)
R22	1-208-863-81 s	RES, CHIP 100 (1005)
R23	1-208-903-81 s	RES, CHIP 4.7K (1005)
R24	1-208-903-81 s	RES, CHIP 4.7K (1005)
R25	1-208-855-81 s	RES, CHIP 47 (1005)
R26	1-208-855-81 s	RES, CHIP 47 (1005)
R27	1-208-867-81 s	RES, CHIP 150 (1005)
R28	1-208-875-81 s	RES, CHIP 330 (1005)
R29	1-208-895-81 s	RES, CHIP 2.2K (1005)
R30	1-208-895-81 s	RES, CHIP 2.2K (1005)
R31	1-208-895-81 s	RES, CHIP 2.2K (1005)
R32	1-208-895-81 s	RES, CHIP 2.2K (1005)
R33	1-208-895-81 s	RES, CHIP 2.2K (1005)
R34	1-208-867-81 s	RES, CHIP 150 (1005)

AU-339 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R35	1-208-895-81 s	RES, CHIP 2.2K (1005)
R36	1-208-867-81 s	RES, CHIP 150 (1005)
R37	1-208-871-81 s	RES, CHIP 220 (1005)
R38	1-208-871-81 s	RES, CHIP 220 (1005)
R39	1-208-871-81 s	RES, CHIP 220 (1005)
R40	1-208-855-81 s	RES, CHIP 47 (1005)
R41	1-208-855-81 s	RES, CHIP 47 (1005)
R42	1-208-875-81 s	RES, CHIP 330 (1005)
R43	1-208-875-81 s	RES, CHIP 330 (1005)
R44	1-208-875-81 s	RES, CHIP 330 (1005)
R45	1-208-875-81 s	RES, CHIP 330 (1005)
R46	1-208-875-81 s	RES, CHIP 330 (1005)
R47	1-208-875-81 s	RES, CHIP 330 (1005)
R48	1-208-875-81 s	RES, CHIP 330 (1005)
R49	1-208-875-81 s	RES, CHIP 330 (1005)
R50	1-208-875-81 s	RES, CHIP 330 (1005)
R51	1-208-875-81 s	RES, CHIP 330 (1005)
R52	1-208-875-81 s	RES, CHIP 330 (1005)
R53	1-208-875-81 s	RES, CHIP 330 (1005)
R54	1-208-875-81 s	RES, CHIP 330 (1005)
R55	1-208-875-81 s	RES, CHIP 330 (1005)
R56	1-208-875-81 s	RES, CHIP 330 (1005)
R57	1-208-875-81 s	RES, CHIP 330 (1005)
R58	1-208-855-81 s	RES, CHIP 47 (1005)
R59	1-208-855-81 s	RES, CHIP 47 (1005)
R60	1-208-879-81 s	RES, CHIP 470 (1005)
R61	1-208-879-81 s	RES, CHIP 470 (1005)
R62	1-208-875-81 s	RES, CHIP 330 (1005)
R63	1-208-875-81 s	RES, CHIP 330 (1005)
R64	1-208-879-81 s	RES, CHIP 470 (1005)
R65	1-208-879-81 s	RES, CHIP 470 (1005)
R66	1-208-875-81 s	RES, CHIP 330 (1005)
R67	1-208-875-81 s	RES, CHIP 330 (1005)
R68	1-208-867-81 s	RES, CHIP 150 (1005)
R69	1-208-875-81 s	RES, CHIP 330 (1005)
R70	1-208-875-81 s	RES, CHIP 330 (1005)
R71	1-208-875-81 s	RES, CHIP 330 (1005)
R72	1-208-875-81 s	RES, CHIP 330 (1005)
R73	1-208-875-81 s	RES, CHIP 330 (1005)
R74	1-208-867-81 s	RES, CHIP 150 (1005)
R77	1-208-935-81 s	RES, CHIP 100K (1005)
R78	1-208-935-81 s	RES, CHIP 100K (1005)
R79	1-208-895-81 s	RES, CHIP 2.2K (1005)
R80	1-208-895-81 s	RES, CHIP 2.2K (1005)
R81	1-208-919-81 s	RES, CHIP 22K (1005)
R82	1-208-895-81 s	RES, CHIP 2.2K (1005)
R83	1-208-863-81 s	RES, CHIP 100 (1005)
R84	1-208-919-81 s	RES, CHIP 22K (1005)
R85	1-208-895-81 s	RES, CHIP 2.2K (1005)
R86	1-208-895-81 s	RES, CHIP 2.2K (1005)
R87	1-208-895-81 s	RES, CHIP 2.2K (1005)
R88	1-208-919-81 s	RES, CHIP 22K (1005)
R89	1-208-919-81 s	RES, CHIP 22K (1005)
R90	1-208-919-81 s	RES, CHIP 22K (1005)
R91	1-208-919-81 s	RES, CHIP 22K (1005)
R92	1-208-919-81 s	RES, CHIP 22K (1005)
R93	1-208-895-81 s	RES, CHIP 2.2K (1005)
R94	1-220-882-81 s	RES, CHIP 33 (1005)
R95	1-220-882-81 s	RES, CHIP 33 (1005)
R96	1-243-975-81 s	RES, CHIP 4.7M (1005)
R97	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R98	1-208-895-81 s	RES, CHIP 2.2K (1005)
R99	1-243-975-81 s	RES, CHIP 4.7M (1005)
R100	1-220-882-81 s	RES, CHIP 33 (1005)
R101	1-208-863-81 s	RES, CHIP 100 (1005)

AU-339 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R102	1-243-975-81 s	RES, CHIP 4.7M (1005)
R103	1-208-911-81 s	RES, CHIP 10K (1005)
R104	1-208-911-81 s	RES, CHIP 10K (1005)
R105	1-208-935-81 s	RES, CHIP 100K (1005)
R106	1-208-935-81 s	RES, CHIP 100K (1005)
R107	1-208-871-81 s	RES, CHIP 220 (1005)
R108	1-208-871-81 s	RES, CHIP 220 (1005)
R109	1-220-882-81 s	RES, CHIP 33 (1005)
R110	1-220-882-81 s	RES, CHIP 33 (1005)
R112	1-208-879-81 s	RES, CHIP 470 (1005)
R113	1-208-879-81 s	RES, CHIP 470 (1005)
R114	1-208-879-81 s	RES, CHIP 470 (1005)
R115	1-208-879-81 s	RES, CHIP 470 (1005)
R116	1-208-879-81 s	RES, CHIP 470 (1005)
R117	1-208-879-81 s	RES, CHIP 470 (1005)
R118	1-208-875-81 s	RES, CHIP 330 (1005)
R119	1-208-871-81 s	RES, CHIP 220 (1005)
R120	1-208-895-81 s	RES, CHIP 2.2K (1005)
RV1	1-238-255-21 s	RES, VAR, CARBON 10K
S2	1-762-123-21 s	SWITCH, TOGGLE
S3	1-762-123-21 s	SWITCH, TOGGLE
S4	1-798-386-11 s	SWITCH, TACTILE (ILLUMINATED)
S5	1-798-385-11 s	SWITCH, TACTILE (ILLUMINATED)
S6	1-762-531-21 s	SWITCH, TOGGLE
S7	1-762-531-21 s	SWITCH, TOGGLE
S8	1-571-640-21 s	SWITCH, SLIDE

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1856-354-A s	MOUNTED CIRCUIT BOARD, AVP-15
4pcs	7-682-947-01 s	SCREW +PSW 3X6
C101	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C102	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C103	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C104	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C105	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C106	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C108	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C109	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C110	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C111	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C112	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C113	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C114	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C115	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C116	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C117	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C118	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C119	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C120	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C121	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C122	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C123	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C124	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C126	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C127	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C128	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C129	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C130	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C131	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C132	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C133	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C135	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C136	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C137	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C138	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C139	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C140	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C141	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C142	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C143	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C144	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C145	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C146	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C147	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C148	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C149	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C150	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C151	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C152	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C153	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C154	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C155	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C156	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C157	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C158	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C159	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C160	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C201	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C202	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C203	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C204	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C205	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C206	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C207	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C211	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C212	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C213	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C302	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C303	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C304	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C305	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C306	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C307	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C308	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 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	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C316	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C317	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
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	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C321	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C322	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C323	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C324	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
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	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C328	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C329	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C330	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C331	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
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	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
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	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
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	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C350	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C351	1-164-854-81 s	CAP, CHIP CERAMIC 15PF CH 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	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C356	1-164-854-81 s	CAP, CHIP CERAMIC 15PF CH 1005
C357	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C358	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C359	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C360	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C361	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
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	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C365	1-164-854-81 s	CAP, CHIP CERAMIC 15PF CH 1005
C366	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C367	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C368	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C369	1-164-854-81 s	CAP, CHIP CERAMIC 15PF CH 1005
C370	1-164-840-81 s	CAP, CHIP CERAMIC 1PF CK 1005
C371	1-164-840-81 s	CAP, CHIP CERAMIC 1PF CK 1005
C401	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C402	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C403	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C404	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C405	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C406	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C407	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C408	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C409	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C410	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C411	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF 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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C415	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C416	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
C417	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
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	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C421	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C422	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C423	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C424	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C425	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C426	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C427	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C428	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C431	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C432	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C433	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C434	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C435	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C436	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C437	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C438	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C441	1-165-176-91 s	CAP,CERAMIC 47000PF B 1608
C442	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C443	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C444	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C445	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C446	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C447	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C448	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C449	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C450	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C451	1-107-781-21 s	CAP, ELECT 47MF
C453	1-107-781-21 s	CAP, ELECT 47MF
C455	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C456	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C457	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C458	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C459	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C460	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C461	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C462	1-117-142-21 s	CAP, ELECT 0.22MF
C463	1-107-781-21 s	CAP, ELECT 47MF
C464	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C465	1-117-142-21 s	CAP, ELECT 0.22MF
C466	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C467	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C468	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C469	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C470	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C471	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C472	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C473	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C474	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C475	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C476	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C501	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C502	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C503	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C504	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C505	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C506	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C507	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C508	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C509	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C510	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C511	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C512	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C513	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C514	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C515	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C516	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C517	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C518	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C519	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C520	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C521	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C522	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C523	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C524	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C527	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C528	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C529	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C530	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C531	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C532	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C533	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C534	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C535	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C536	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C537	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C538	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C539	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C540	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C541	1-112-791-11 s	CAP, ELECT 100MF
C601	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C602	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C603	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C604	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C605	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C606	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C607	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C608	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C609	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C610	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C611	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C612	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C613	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C614	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C615	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C616	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C617	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C618	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C619	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C620	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C621	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C622	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C623	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C625	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
C626	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C628	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C629	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C630	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C631	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C632	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C636	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C637	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C638	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C639	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C640	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C641	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C642	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C643	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C644	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C645	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C646	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C647	1-114-582-91 s	CAP, CERAMIC 0.1MF 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	1-114-582-91 s	CAP, CERAMIC 0.1MF 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	1-107-781-21 s	CAP, ELECT 47MF
C654	1-107-781-21 s	CAP, ELECT 47MF
C655	1-107-781-21 s	CAP, ELECT 47MF
C656	1-107-781-21 s	CAP, ELECT 47MF
C657	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C658	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C659	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C660	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C661	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C662	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C663	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C664	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C665	1-112-791-11 s	CAP, ELECT 100MF
C666	1-125-989-21 s	CAP, ELECT 220MF 10X10
C667	1-125-989-21 s	CAP, ELECT 220MF 10X10
C668	1-125-989-21 s	CAP, ELECT 220MF 10X10
C669	1-125-989-21 s	CAP, ELECT 220MF 10X10
C670	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C671	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C672	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C673	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C674	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C675	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C676	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C677	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C678	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C701	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C702	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C703	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C704	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C705	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C706	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C707	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C708	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C709	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C710	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C711	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C712	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C713	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C714	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C715	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C716	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C717	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C718	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C719	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C720	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C721	1-119-869-91 s	CAP, CHIP CERAMIC 10MF 3225
C722	1-119-869-91 s	CAP, CHIP CERAMIC 10MF 3225
C723	1-119-869-91 s	CAP, CHIP CERAMIC 10MF 3225
C724	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C725	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C726	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C727	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C728	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C729	1-164-940-81 s	CAP,CHIP CERAMIC 3300PF B 1005
C730	1-164-940-81 s	CAP,CHIP CERAMIC 3300PF B 1005
C731	1-164-940-81 s	CAP,CHIP CERAMIC 3300PF B 1005
C732	1-164-940-81 s	CAP,CHIP CERAMIC 3300PF B 1005

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C923	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C924	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C925	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C926	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C927	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C931	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C932	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C933	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C934	1-165-176-91 s	CAP,CERAMIC 47000PF B 1608
C937	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C939	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C940	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C941	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C942	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C943	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C944	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C945	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C946	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C947	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C948	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
CN3	1-770-627-21 s	PIN, CONNECTOR 10P
D101	8-719-083-60 s	DI UDZSUSTE-174.7B
D102	8-719-083-60 s	DI UDZSUSTE-174.7B
D103	8-719-083-60 s	DI UDZSUSTE-174.7B
D104	8-719-083-60 s	DI UDZSUSTE-174.7B
D105	6-502-197-01 s	DI SML-D12M8WT86SM
D106	6-502-197-01 s	DI SML-D12M8WT86SM
D107	6-502-197-01 s	DI SML-D12M8WT86SM
D108	6-502-196-01 s	DI SML-D12Y8WT86SP
D109	6-502-197-01 s	DI SML-D12M8WT86SM
D401	8-719-024-71 s	DIODE 1SS362-TE85L
D402	8-719-024-71 s	DIODE 1SS362-TE85L
D403	8-719-024-71 s	DIODE 1SS362-TE85L
D404	8-719-024-71 s	DIODE 1SS362-TE85L
D405	6-502-526-01 s	DI UDZSUSTE-172.0B
D406	6-502-526-01 s	DI UDZSUSTE-172.0B
D407	6-502-526-01 s	DI UDZSUSTE-172.0B
D408	6-502-526-01 s	DI UDZSUSTE-172.0B
D409	8-719-024-71 s	DIODE 1SS362-TE85L
D410	6-502-526-01 s	DI UDZSUSTE-172.0B
D411	6-502-526-01 s	DI UDZSUSTE-172.0B
D501	6-502-526-01 s	DI UDZSUSTE-172.0B
D502	6-502-526-01 s	DI UDZSUSTE-172.0B
D503	6-502-526-01 s	DI UDZSUSTE-172.0B
D504	6-502-526-01 s	DI UDZSUSTE-172.0B
D601	8-719-024-71 s	DIODE 1SS362-TE85L
D602	8-719-024-71 s	DIODE 1SS362-TE85L
D603	6-502-526-01 s	DI UDZSUSTE-172.0B
D604	6-502-526-01 s	DI UDZSUSTE-172.0B
D605	6-502-526-01 s	DI UDZSUSTE-172.0B
D606	6-502-526-01 s	DI UDZSUSTE-172.0B
D607	8-719-991-01 s	DIODE DAP222-TL
D608	8-719-991-01 s	DIODE DAP222-TL
D701	8-719-024-71 s	DIODE 1SS362-TE85L
D702	8-719-024-71 s	DIODE 1SS362-TE85L
D703	8-719-069-28 s	DI 1SS400FJTE61
D704	8-719-024-71 s	DIODE 1SS362-TE85L
D705	8-719-024-71 s	DIODE 1SS362-TE85L
D706	8-719-069-28 s	DI 1SS400FJTE61
D707	8-719-024-71 s	DIODE 1SS362-TE85L
D708	8-719-024-71 s	DIODE 1SS362-TE85L
D709	8-719-069-28 s	DI 1SS400FJTE61
D710	8-719-069-55 s	DI UDZSUSTE-175.6B
D711	8-719-069-55 s	DI UDZSUSTE-175.6B

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
D712	8-719-069-55 s	DI UDZSUSTE-175.6B
D713	8-719-069-28 s	DI 1SS400FJTE61
D714	8-719-069-28 s	DI 1SS400FJTE61
D715	8-719-069-28 s	DI 1SS400FJTE61
D716	8-719-069-55 s	DI UDZSUSTE-175.6B
D717	8-719-069-55 s	DI UDZSUSTE-175.6B
D718	8-719-069-55 s	DI UDZSUSTE-175.6B
D719	8-719-989-04 s	DIODE DAN222-TL
D720	8-719-989-04 s	DIODE DAN222-TL
D721	8-719-989-04 s	DIODE DAN222-TL
D722	8-719-991-01 s	DIODE DAP222-TL
D723	8-719-991-01 s	DIODE DAP222-TL
D724	8-719-991-01 s	DIODE DAP222-TL
D725	8-719-989-04 s	DIODE DAN222-TL
D726	8-719-989-04 s	DIODE DAN222-TL
D727	8-719-991-01 s	DIODE DAP222-TL
D728	8-719-991-01 s	DIODE DAP222-TL
E101	1-535-877-22 s	CHIP, CHECKER
E102	1-535-877-22 s	CHIP, CHECKER
E103	1-535-877-22 s	CHIP, CHECKER
E104	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	1-469-094-21 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	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB109	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
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
FB207	1-400-832-21 s	SMD EMI FERRITE
FB208	1-400-832-21 s	SMD EMI FERRITE
FB301	1-400-832-21 s	SMD EMI FERRITE
FB302	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	1-400-832-21 s	SMD EMI FERRITE
FB306	1-400-832-21 s	SMD EMI FERRITE
FB307	1-400-832-21 s	SMD EMI FERRITE
FB308	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB309	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
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
FB501	1-400-832-21 s	SMD EMI FERRITE
FB502	1-400-832-21 s	SMD EMI FERRITE
FB503	1-400-832-21 s	SMD EMI FERRITE
FB504	1-400-832-21 s	SMD EMI FERRITE
FB505	1-400-832-21 s	SMD EMI FERRITE
FB506	1-400-832-21 s	SMD EMI FERRITE
FB507	1-400-832-21 s	SMD EMI FERRITE
FB508	1-400-832-21 s	SMD EMI FERRITE
FB509	1-400-832-21 s	SMD EMI FERRITE
FB601	1-400-832-21 s	SMD EMI FERRITE
FB701	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)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
FB705	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB706	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB707	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB708	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB709	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB710	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB711	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB712	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB713	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB714	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB801	1-400-832-21 s	SMD EMI FERRITE
FB802	1-400-832-21 s	SMD EMI FERRITE
FB803	1-400-832-21 s	SMD EMI FERRITE
FB804	1-400-832-21 s	SMD EMI FERRITE
FB805	1-400-832-21 s	SMD EMI FERRITE
IC100	8-759-327-01 s	IC NJM062V (TE2)
IC101	8-759-327-01 s	IC NJM062V (TE2)
IC102	8-759-338-95 s	IC NJM2903V (TE2)
IC103	8-759-338-95 s	IC NJM2903V (TE2)
IC104	6-706-220-01 s	IC LTC3411EMS#TR
IC105	8-759-327-01 s	IC NJM062V (TE2)
IC106	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC107	6-707-863-01 s	IC TC74VHC08FT (EKJ)
IC108	6-716-627-01 s	IC LTC1387CG#TR
IC109	6-716-627-01 s	IC LTC1387CG#TR
IC201	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC202	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC203	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC204	6-707-868-01 s	IC TC74VHC138FT (EKJ)
IC205	6-706-489-01 s	IC TC7SH32FU
IC207	6-707-863-01 s	IC TC74VHC08FT (EKJ)
IC208	6-713-799-01 s	IC BU7122KV-E2
IC303	8-759-327-01 s	IC NJM062V (TE2)
IC304	8-759-592-44 s	IC TC7SZ04FU (TE85R)
IC305	8-759-672-76 s	IC AK9813BF-E2
IC306	6-707-863-01 s	IC TC74VHC08FT (EKJ)
IC307	6-701-874-01 s	IC IDT71V016SA15PHG-TL
IC308	8-759-092-83 s	IC SN75158PSR
IC309	8-759-592-44 s	IC TC7SZ04FU (TE85R)
IC310	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC311	8-759-675-54 s	IC TC7W53FK (TE85R)
IC312	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC313	8-759-675-54 s	IC TC7W53FK (TE85R)
IC314	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC315	8-759-485-24 s	IC MC74HC4046ADTR2
IC401	6-700-563-01 s	IC AK4552VT-E2
IC402	6-700-563-01 s	IC AK4552VT-E2
IC403	8-759-278-58 s	IC NJM4558V-TE2
IC404	8-759-278-58 s	IC NJM4558V-TE2
IC405	8-759-278-58 s	IC NJM4558V-TE2
IC406	8-759-422-21 s	IC NJM4580V (TE2)
IC407	8-759-422-21 s	IC NJM4580V (TE2)
IC409	8-759-278-58 s	IC NJM4558V-TE2
IC501	6-701-111-01 s	IC AK4382AVT-E2
IC502	8-759-278-58 s	IC NJM4558V-TE2
IC503	8-759-278-58 s	IC NJM4558V-TE2
IC504	8-759-278-58 s	IC NJM4558V-TE2
IC505	8-759-278-58 s	IC NJM4558V-TE2
IC506	8-759-422-21 s	IC NJM4580V (TE2)
IC507	8-759-422-21 s	IC NJM4580V (TE2)
IC601	8-759-278-58 s	IC NJM4558V-TE2
IC602	8-759-278-58 s	IC NJM4558V-TE2
IC603	8-759-278-58 s	IC NJM4558V-TE2
IC604	8-759-278-58 s	IC NJM4558V-TE2

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC605	6-704-960-01 s	IC NJM2172V (TE2)
IC606	6-700-563-01 s	IC AK4552VT-E2
IC607	8-759-422-21 s	IC NJM4580V (TE2)
IC608	8-759-356-17 s	IC NJM4556AM-A-TE2
IC609	8-759-278-58 s	IC NJM4558V-TE2
IC610	8-759-278-58 s	IC NJM4558V-TE2
IC611	8-759-356-17 s	IC NJM4556AM-A-TE2
IC612	8-759-422-21 s	IC NJM4580V (TE2)
IC615	8-759-675-54 s	IC TC7W53FK (TE85R)
IC616	8-759-675-54 s	IC TC7W53FK (TE85R)
IC617	8-759-675-54 s	IC TC7W53FK (TE85R)
IC618	8-759-675-54 s	IC TC7W53FK (TE85R)
IC908	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC909	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC910	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC911	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC912	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC915	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC920	6-707-863-01 s	IC TC74VHC08FT (EKJ)
IC922	6-702-879-01 s	IC R3112N281A-TR-FA
IC925	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC926	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC927	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC928	6-706-482-01 s	IC TC7SH00FU
IC929	6-706-484-01 s	IC TC7SH04FU
IC932	8-759-592-44 s	IC TC7SZ04FU (TE85R)
IC933	6-707-843-01 s	IC TC74LCX125FT (EKJ)
JC102	1-216-864-91 s	CONDUCTOR, CHIP (1608)
JC201	1-216-864-91 s	CONDUCTOR, CHIP (1608)
JC202	1-216-864-91 s	CONDUCTOR, CHIP (1608)
L101	1-419-630-21 s	COIL, CHOKE 4.7UH
L602	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L603	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L604	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L605	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L701	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L702	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L703	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
PH1	8-749-014-35 s	IC HCPL-0630-500
PH701	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH702	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH703	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH704	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH705	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH706	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH707	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH708	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH709	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH710	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH711	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH712	6-600-477-01 s	IC TLP281 (GB-TP,F)
Q101	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q102	6-550-632-01 s	TRANSISTOR 2SC4672-T100-Q
Q103	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q104	6-550-632-01 s	TRANSISTOR 2SC4672-T100-Q
Q105	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q106	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q108	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q109	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q110	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q111	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q112	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q401	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q402	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q403	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q404	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q405	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q406	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q407	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q501	6-551-743-01 s	TR SSM6P15FE
Q502	6-551-743-01 s	TR SSM6P15FE
Q503	6-551-041-01 s	TR RN4904
Q504	6-551-041-01 s	TR RN4904
Q505	6-551-743-01 s	TR SSM6P15FE
Q506	6-551-743-01 s	TR SSM6P15FE
Q507	6-551-041-01 s	TR RN4904
Q508	6-551-041-01 s	TR RN4904
Q509	6-551-743-01 s	TR SSM6P15FE
Q510	6-551-743-01 s	TR SSM6P15FE
Q511	6-551-743-01 s	TR SSM6P15FE
Q512	6-551-743-01 s	TR SSM6P15FE
Q513	6-551-743-01 s	TR SSM6P15FE
Q514	6-551-743-01 s	TR SSM6P15FE
Q515	6-551-743-01 s	TR SSM6P15FE
Q516	6-551-743-01 s	TR SSM6P15FE
Q517	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q518	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q519	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q520	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q521	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q522	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q523	6-551-041-01 s	TR RN4904
Q524	6-551-041-01 s	TR RN4904
Q525	6-551-041-01 s	TR RN4904
Q526	6-551-041-01 s	TR RN4904
Q527	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q528	6-551-041-01 s	TR RN4904
Q529	6-551-041-01 s	TR RN4904
Q530	6-551-041-01 s	TR RN4904
Q531	6-551-041-01 s	TR RN4904
Q601	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q602	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q603	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q604	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q605	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q606	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q607	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q608	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q609	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q610	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q613	6-551-743-01 s	TR SSM6P15FE
Q614	6-551-743-01 s	TR SSM6P15FE
Q617	6-551-041-01 s	TR RN4904
Q618	6-551-041-01 s	TR RN4904
Q619	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q620	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q621	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q622	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q623	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q624	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q625	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q626	6-552-494-01 s	TR SI2307CDS-T1-GE3
Q627	6-552-494-01 s	TR SI2307CDS-T1-GE3
Q628	6-552-494-01 s	TR SI2307CDS-T1-GE3
Q629	6-552-494-01 s	TR SI2307CDS-T1-GE3
Q630	6-551-041-01 s	TR RN4904
Q631	6-551-041-01 s	TR RN4904
Q632	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q633	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q634	8-729-928-91 s	TRANSISTOR DTC114EE-TL
Q635	8-729-928-91 s	TRANSISTOR DTC114EE-TL
Q636	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q637	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q638	6-551-041-01 s	TR RN4904
Q639	6-551-743-01 s	TR SSM6P15FE
Q640	6-551-743-01 s	TR SSM6P15FE
Q641	6-551-041-01 s	TR RN4904
Q701	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q702	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q703	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q704	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q705	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q706	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q707	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q708	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q709	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q710	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q711	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q712	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q713	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q714	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q715	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q716	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q717	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q718	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q719	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q720	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q721	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q722	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q723	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q724	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q725	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q726	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q727	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q728	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q729	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q730	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q731	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q732	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
R101	1-208-879-81 s	RES, CHIP 470 (1005)
R102	1-208-879-81 s	RES, CHIP 470 (1005)
R103	1-208-871-81 s	RES, CHIP 220 (1005)
R104	1-208-871-81 s	RES, CHIP 220 (1005)
R105	1-208-931-81 s	RES, CHIP 68K (1005)
R106	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R107	1-208-927-81 s	RES, CHIP 47K (1005)
R108	1-208-935-81 s	RES, CHIP 100K (1005)
R109	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R110	1-208-923-81 s	RES, CHIP 33K (1005)
R111	1-208-923-81 s	RES, CHIP 33K (1005)
R112	1-208-935-81 s	RES, CHIP 100K (1005)
R113	1-208-935-81 s	RES, CHIP 100K (1005)
R114	1-208-927-81 s	RES, CHIP 47K (1005)
R115	1-208-923-81 s	RES, CHIP 33K (1005)
R116	1-208-911-81 s	RES, CHIP 10K (1005)
R117	1-208-927-81 s	RES, CHIP 47K (1005)
R118	1-208-863-81 s	RES, CHIP 100 (1005)
R119	1-208-879-81 s	RES, CHIP 470 (1005)
R121	1-208-935-81 s	RES, CHIP 100K (1005)
R122	1-208-943-81 s	RES, CHIP 220K (1005)
R123	1-208-927-81 s	RES, CHIP 47K (1005)
R124	1-208-927-81 s	RES, CHIP 47K (1005)
R125	1-208-871-81 s	RES, CHIP 220 (1005)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R127	1-208-935-81 s	RES, CHIP 100K (1005)
R128	1-208-935-81 s	RES, CHIP 100K (1005)
R129	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R130	1-208-935-81 s	RES, CHIP 100K (1005)
R131	1-220-878-81 s	RES, CHIP 22 (1005)
R132	1-208-923-81 s	RES, CHIP 33K (1005)
R133	1-208-923-81 s	RES, CHIP 33K (1005)
R134	1-208-919-81 s	RES, CHIP 22K (1005)
R135	1-208-907-81 s	RES, CHIP 6.8K (1005)
R136	1-208-923-81 s	RES, CHIP 33K (1005)
R137	1-208-927-81 s	RES, CHIP 47K (1005)
R138	1-208-911-81 s	RES, CHIP 10K (1005)
R140	1-208-927-81 s	RES, CHIP 47K (1005)
R141	1-208-927-81 s	RES, CHIP 47K (1005)
R143	1-208-927-81 s	RES, CHIP 47K (1005)
R144	1-208-887-81 s	RES, CHIP 1.0K (1005)
R145	1-208-927-81 s	RES, CHIP 47K (1005)
R146	1-208-887-81 s	RES, CHIP 1.0K (1005)
R147	1-208-927-81 s	RES, CHIP 47K (1005)
R148	1-208-927-81 s	RES, CHIP 47K (1005)
R149	1-208-911-81 s	RES, CHIP 10K (1005)
R150	1-208-927-81 s	RES, CHIP 47K (1005)
R151	1-208-887-81 s	RES, CHIP 1.0K (1005)
R152	1-208-927-81 s	RES, CHIP 47K (1005)
R155	1-208-927-81 s	RES, CHIP 47K (1005)
R156	1-208-903-81 s	RES, CHIP 4.7K (1005)
R161	1-220-870-81 s	RES, CHIP 10 (1005)
R162	1-220-870-81 s	RES, CHIP 10 (1005)
R163	1-220-870-81 s	RES, CHIP 10 (1005)
R164	1-220-870-81 s	RES, CHIP 10 (1005)
R165	1-220-870-81 s	RES, CHIP 10 (1005)
R166	1-220-870-81 s	RES, CHIP 10 (1005)
R167	1-220-870-81 s	RES, CHIP 10 (1005)
R168	1-220-870-81 s	RES, CHIP 10 (1005)
R169	1-208-895-81 s	RES, CHIP 2.2K (1005)
R170	1-208-911-81 s	RES, CHIP 10K (1005)
R171	1-208-911-81 s	RES, CHIP 10K (1005)
R172	1-208-911-81 s	RES, CHIP 10K (1005)
R173	1-208-903-81 s	RES, CHIP 4.7K (1005)
R174	1-208-903-81 s	RES, CHIP 4.7K (1005)
R175	1-208-927-81 s	RES, CHIP 47K (1005)
R176	1-208-927-81 s	RES, CHIP 47K (1005)
R177	1-208-887-81 s	RES, CHIP 1.0K (1005)
R201	1-208-863-81 s	RES, CHIP 100 (1005)
R202	1-208-863-81 s	RES, CHIP 100 (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	1-208-935-81 s	RES, CHIP 100K (1005)
R212	1-208-863-81 s	RES, CHIP 100 (1005)
R215	1-208-863-81 s	RES, CHIP 100 (1005)
R217	1-208-935-81 s	RES, CHIP 100K (1005)
R218	1-208-935-81 s	RES, CHIP 100K (1005)
R220	1-208-863-81 s	RES, CHIP 100 (1005)
R221	1-208-935-81 s	RES, CHIP 100K (1005)
R222	1-208-863-81 s	RES, CHIP 100 (1005)
R223	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R224	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R226	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R228	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R229	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R230	1-208-895-81 s	RES, CHIP 2.2K (1005)
R233	1-208-863-81 s	RES, CHIP 100 (1005)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R234	1-208-863-81 s	RES, CHIP 100 (1005)
R238	1-208-887-81 s	RES, CHIP 1.0K (1005)
R239	1-208-887-81 s	RES, CHIP 1.0K (1005)
R240	1-208-887-81 s	RES, CHIP 1.0K (1005)
R244	1-208-887-81 s	RES, CHIP 1.0K (1005)
R245	1-208-887-81 s	RES, CHIP 1.0K (1005)
R246	1-208-935-81 s	RES, CHIP 100K (1005)
R247	1-208-935-81 s	RES, CHIP 100K (1005)
R301	1-208-935-81 s	RES, CHIP 100K (1005)
R302	1-208-903-81 s	RES, CHIP 4.7K (1005)
R303	1-208-903-81 s	RES, CHIP 4.7K (1005)
R304	1-208-887-81 s	RES, CHIP 1.0K (1005)
R305	1-208-923-81 s	RES, CHIP 33K (1005)
R306	1-208-919-81 s	RES, CHIP 22K (1005)
R307	1-208-919-81 s	RES, CHIP 22K (1005)
R308	1-220-870-81 s	RES, CHIP 10 (1005)
R309	1-220-870-81 s	RES, CHIP 10 (1005)
R310	1-208-927-81 s	RES, CHIP 47K (1005)
R311	1-208-863-81 s	RES, CHIP 100 (1005)
R312	1-208-863-81 s	RES, CHIP 100 (1005)
R313	1-220-870-81 s	RES, CHIP 10 (1005)
R314	1-208-863-81 s	RES, CHIP 100 (1005)
R315	1-208-863-81 s	RES, CHIP 100 (1005)
R316	1-208-863-81 s	RES, CHIP 100 (1005)
R318	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	1-208-887-81 s	RES, CHIP 1.0K (1005)
R323	1-208-887-81 s	RES, CHIP 1.0K (1005)
R324	1-208-935-81 s	RES, CHIP 100K (1005)
R325	1-208-935-81 s	RES, CHIP 100K (1005)
R326	1-208-863-81 s	RES, CHIP 100 (1005)
R327	1-208-863-81 s	RES, CHIP 100 (1005)
R328	1-208-911-81 s	RES, CHIP 10K (1005)
R329	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R330	1-220-874-81 s	RES, CHIP 15 (1005)
R331	1-220-874-81 s	RES, CHIP 15 (1005)
R332	1-208-871-81 s	RES, CHIP 220 (1005)
R333	1-208-875-81 s	RES, CHIP 330 (1005)
R334	1-208-863-81 s	RES, CHIP 100 (1005)
R335	1-208-863-81 s	RES, CHIP 100 (1005)
R336	1-208-907-81 s	RES, CHIP 6.8K (1005)
R337	1-208-907-81 s	RES, CHIP 6.8K (1005)
R338	1-208-863-81 s	RES, CHIP 100 (1005)
R339	1-208-863-81 s	RES, CHIP 100 (1005)
R340	1-208-863-81 s	RES, CHIP 100 (1005)
R341	1-208-863-81 s	RES, CHIP 100 (1005)
R342	1-220-870-81 s	RES, CHIP 10 (1005)
R343	1-208-895-81 s	RES, CHIP 2.2K (1005)
R344	1-208-863-81 s	RES, CHIP 100 (1005)
R345	1-208-863-81 s	RES, CHIP 100 (1005)
R346	1-208-863-81 s	RES, CHIP 100 (1005)
R347	1-208-863-81 s	RES, CHIP 100 (1005)
R348	1-220-870-81 s	RES, CHIP 10 (1005)
R349	1-208-895-81 s	RES, CHIP 2.2K (1005)
R350	1-208-887-81 s	RES, CHIP 1.0K (1005)
R351	1-208-863-81 s	RES, CHIP 100 (1005)
R352	1-208-887-81 s	RES, CHIP 1.0K (1005)
R353	1-208-887-81 s	RES, CHIP 1.0K (1005)
R354	1-208-895-81 s	RES, CHIP 2.2K (1005)
R355	1-208-887-81 s	RES, CHIP 1.0K (1005)
R356	1-208-863-81 s	RES, CHIP 100 (1005)
R357	1-208-887-81 s	RES, CHIP 1.0K (1005)
R358	1-208-887-81 s	RES, CHIP 1.0K (1005)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R359	1-208-860-81 s	RES, CHIP 75 (1005)
R362	1-208-860-81 s	RES, CHIP 75 (1005)
R401	1-208-911-81 s	RES, CHIP 10K (1005)
R402	1-208-911-81 s	RES, CHIP 10K (1005)
R403	1-208-927-81 s	RES, CHIP 47K (1005)
R404	1-208-927-81 s	RES, CHIP 47K (1005)
R405	1-208-927-81 s	RES, CHIP 47K (1005)
R406	1-208-927-81 s	RES, CHIP 47K (1005)
R407	1-208-927-81 s	RES, CHIP 47K (1005)
R408	1-208-927-81 s	RES, CHIP 47K (1005)
R409	1-208-863-81 s	RES, CHIP 100 (1005)
R410	1-208-863-81 s	RES, CHIP 100 (1005)
R411	1-208-863-81 s	RES, CHIP 100 (1005)
R412	1-208-863-81 s	RES, CHIP 100 (1005)
R413	1-220-870-81 s	RES, CHIP 10 (1005)
R414	1-220-870-81 s	RES, CHIP 10 (1005)
R415	1-208-863-81 s	RES, CHIP 100 (1005)
R416	1-208-863-81 s	RES, CHIP 100 (1005)
R417	1-208-915-81 s	RES, CHIP 15K (1005)
R418	1-208-915-81 s	RES, CHIP 15K (1005)
R419	1-208-915-81 s	RES, CHIP 15K (1005)
R420	1-208-915-81 s	RES, CHIP 15K (1005)
R421	1-208-915-81 s	RES, CHIP 15K (1005)
R422	1-208-915-81 s	RES, CHIP 15K (1005)
R423	1-208-915-81 s	RES, CHIP 15K (1005)
R424	1-208-915-81 s	RES, CHIP 15K (1005)
R425	1-208-919-81 s	RES, CHIP 22K (1005)
R426	1-208-919-81 s	RES, CHIP 22K (1005)
R427	1-208-863-81 s	RES, CHIP 100 (1005)
R428	1-208-863-81 s	RES, CHIP 100 (1005)
R429	1-208-919-81 s	RES, CHIP 22K (1005)
R430	1-208-919-81 s	RES, CHIP 22K (1005)
R431	1-208-911-81 s	RES, CHIP 10K (1005)
R432	1-208-911-81 s	RES, CHIP 10K (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	1-208-947-81 s	RES, CHIP 330K (1005)
R437	1-208-947-81 s	RES, CHIP 330K (1005)
R438	1-208-887-81 s	RES, CHIP 1.0K (1005)
R439	1-208-911-81 s	RES, CHIP 10K (1005)
R440	1-208-883-81 s	RES, CHIP 680 (1005)
R441	1-208-911-81 s	RES, CHIP 10K (1005)
R445	1-208-911-81 s	RES, CHIP 10K (1005)
R446	1-208-911-81 s	RES, CHIP 10K (1005)
R447	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R448	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R453	1-208-895-81 s	RES, CHIP 2.2K (1005)
R454	1-216-801-91 s	RES, CHIP 22 (1608)
R455	1-216-801-91 s	RES, CHIP 22 (1608)
R458	1-216-801-91 s	RES, CHIP 22 (1608)
R459	1-216-801-91 s	RES, CHIP 22 (1608)
R462	1-208-919-81 s	RES, CHIP 22K (1005)
R463	1-208-923-81 s	RES, CHIP 33K (1005)
R464	1-208-919-81 s	RES, CHIP 22K (1005)
R465	1-208-931-81 s	RES, CHIP 68K (1005)
R466	1-208-855-81 s	RES, CHIP 47 (1005)
R467	1-208-911-81 s	RES, CHIP 10K (1005)
R468	1-208-895-81 s	RES, CHIP 2.2K (1005)
R469	1-208-895-81 s	RES, CHIP 2.2K (1005)
R470	1-208-935-81 s	RES, CHIP 100K (1005)
R471	1-208-935-81 s	RES, CHIP 100K (1005)
R472	1-208-935-81 s	RES, CHIP 100K (1005)
R473	1-208-935-81 s	RES, CHIP 100K (1005)
R474	1-208-935-81 s	RES, CHIP 100K (1005)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R475	1-208-935-81 s	RES, CHIP 100K (1005)
R476	1-208-935-81 s	RES, CHIP 100K (1005)
R477	1-208-935-81 s	RES, CHIP 100K (1005)
R478	1-208-915-81 s	RES, CHIP 15K (1005)
R479	1-208-915-81 s	RES, CHIP 15K (1005)
R481	1-208-899-81 s	RES, CHIP 3.3K (1005)
R482	1-208-899-81 s	RES, CHIP 3.3K (1005)
R483	1-208-895-81 s	RES, CHIP 2.2K (1005)
R484	1-208-879-81 s	RES, CHIP 470 (1005)
R485	1-208-935-81 s	RES, CHIP 100K (1005)
R486	1-208-935-81 s	RES, CHIP 100K (1005)
R487	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R488	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R489	1-208-935-81 s	RES, CHIP 100K (1005)
R490	1-208-923-81 s	RES, CHIP 33K (1005)
R491	1-208-887-81 s	RES, CHIP 1.0K (1005)
R492	1-208-887-81 s	RES, CHIP 1.0K (1005)
R493	1-208-911-81 s	RES, CHIP 10K (1005)
R494	1-208-911-81 s	RES, CHIP 10K (1005)
R495	1-208-911-81 s	RES, CHIP 10K (1005)
R496	1-208-911-81 s	RES, CHIP 10K (1005)
R501	1-208-863-81 s	RES, CHIP 100 (1005)
R502	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R503	1-208-863-81 s	RES, CHIP 100 (1005)
R504	1-208-911-81 s	RES, CHIP 10K (1005)
R505	1-208-911-81 s	RES, CHIP 10K (1005)
R506	1-208-911-81 s	RES, CHIP 10K (1005)
R507	1-208-911-81 s	RES, CHIP 10K (1005)
R508	1-208-899-81 s	RES, CHIP 3.3K (1005)
R509	1-208-899-81 s	RES, CHIP 3.3K (1005)
R510	1-208-899-81 s	RES, CHIP 3.3K (1005)
R511	1-208-899-81 s	RES, CHIP 3.3K (1005)
R512	1-208-899-81 s	RES, CHIP 3.3K (1005)
R513	1-208-899-81 s	RES, CHIP 3.3K (1005)
R514	1-208-891-81 s	RES, CHIP 1.5K (1005)
R515	1-208-891-81 s	RES, CHIP 1.5K (1005)
R516	1-208-891-81 s	RES, CHIP 1.5K (1005)
R517	1-208-891-81 s	RES, CHIP 1.5K (1005)
R518	1-208-919-81 s	RES, CHIP 22K (1005)
R519	1-208-919-81 s	RES, CHIP 22K (1005)
R520	1-208-899-81 s	RES, CHIP 3.3K (1005)
R521	1-208-899-81 s	RES, CHIP 3.3K (1005)
R522	1-208-863-81 s	RES, CHIP 100 (1005)
R523	1-208-863-81 s	RES, CHIP 100 (1005)
R524	1-208-919-81 s	RES, CHIP 22K (1005)
R525	1-208-919-81 s	RES, CHIP 22K (1005)
R526	1-208-911-81 s	RES, CHIP 10K (1005)
R527	1-208-935-81 s	RES, CHIP 100K (1005)
R528	1-208-911-81 s	RES, CHIP 10K (1005)
R529	1-208-935-81 s	RES, CHIP 100K (1005)
R530	1-208-903-81 s	RES, CHIP 4.7K (1005)
R531	1-208-899-81 s	RES, CHIP 3.3K (1005)
R532	1-208-903-81 s	RES, CHIP 4.7K (1005)
R533	1-208-899-81 s	RES, CHIP 3.3K (1005)
R534	1-208-903-81 s	RES, CHIP 4.7K (1005)
R535	1-208-895-81 s	RES, CHIP 2.2K (1005)
R536	1-208-903-81 s	RES, CHIP 4.7K (1005)
R537	1-208-895-81 s	RES, CHIP 2.2K (1005)
R538	1-208-959-81 s	RES, CHIP 1M (1005)
R539	1-208-959-81 s	RES, CHIP 1M (1005)
R540	1-208-927-81 s	RES, CHIP 47K (1005)
R541	1-208-927-81 s	RES, CHIP 47K (1005)
R542	1-208-915-81 s	RES, CHIP 15K (1005)
R543	1-208-915-81 s	RES, CHIP 15K (1005)
R544	1-208-935-81 s	RES, CHIP 100K (1005)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R545	1-208-935-81 s	RES, CHIP 100K (1005)
R546	1-208-911-81 s	RES, CHIP 10K (1005)
R547	1-208-911-81 s	RES, CHIP 10K (1005)
R548	1-208-959-81 s	RES, CHIP 1M (1005)
R549	1-208-959-81 s	RES, CHIP 1M (1005)
R550	1-208-911-81 s	RES, CHIP 10K (1005)
R551	1-208-911-81 s	RES, CHIP 10K (1005)
R552	1-208-911-81 s	RES, CHIP 10K (1005)
R553	1-208-911-81 s	RES, CHIP 10K (1005)
R554	1-208-935-81 s	RES, CHIP 100K (1005)
R555	1-208-935-81 s	RES, CHIP 100K (1005)
R556	1-208-935-81 s	RES, CHIP 100K (1005)
R557	1-208-935-81 s	RES, CHIP 100K (1005)
R558	1-208-915-81 s	RES, CHIP 15K (1005)
R559	1-208-915-81 s	RES, CHIP 15K (1005)
R560	1-208-879-81 s	RES, CHIP 470 (1005)
R561	1-208-879-81 s	RES, CHIP 470 (1005)
R562	1-208-879-81 s	RES, CHIP 470 (1005)
R563	1-208-879-81 s	RES, CHIP 470 (1005)
R564	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R565	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R566	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R567	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R568	1-208-863-81 s	RES, CHIP 100 (1005)
R569	1-208-863-81 s	RES, CHIP 100 (1005)
R570	1-208-863-81 s	RES, CHIP 100 (1005)
R571	1-208-863-81 s	RES, CHIP 100 (1005)
R572	1-208-959-81 s	RES, CHIP 1M (1005)
R573	1-208-959-81 s	RES, CHIP 1M (1005)
R574	1-208-959-81 s	RES, CHIP 1M (1005)
R575	1-208-959-81 s	RES, CHIP 1M (1005)
R576	1-208-923-81 s	RES, CHIP 33K (1005)
R577	1-208-923-81 s	RES, CHIP 33K (1005)
R578	1-208-923-81 s	RES, CHIP 33K (1005)
R579	1-208-923-81 s	RES, CHIP 33K (1005)
R580	1-208-863-81 s	RES, CHIP 100 (1005)
R581	1-208-863-81 s	RES, CHIP 100 (1005)
R582	1-208-899-81 s	RES, CHIP 3.3K (1005)
R583	1-208-899-81 s	RES, CHIP 3.3K (1005)
R584	1-208-899-81 s	RES, CHIP 3.3K (1005)
R585	1-208-899-81 s	RES, CHIP 3.3K (1005)
R586	1-208-919-81 s	RES, CHIP 22K (1005)
R587	1-208-919-81 s	RES, CHIP 22K (1005)
R588	1-208-959-81 s	RES, CHIP 1M (1005)
R589	1-208-959-81 s	RES, CHIP 1M (1005)
R590	1-208-959-81 s	RES, CHIP 1M (1005)
R591	1-208-959-81 s	RES, CHIP 1M (1005)
R592	1-208-919-81 s	RES, CHIP 22K (1005)
R593	1-208-919-81 s	RES, CHIP 22K (1005)
R594	1-208-915-81 s	RES, CHIP 15K (1005)
R595	1-208-915-81 s	RES, CHIP 15K (1005)
R596	1-208-915-81 s	RES, CHIP 15K (1005)
R597	1-208-915-81 s	RES, CHIP 15K (1005)
R598	1-208-863-81 s	RES, CHIP 100 (1005)
R599	1-208-863-81 s	RES, CHIP 100 (1005)
R600	1-208-919-81 s	RES, CHIP 22K (1005)
R601	1-208-919-81 s	RES, CHIP 22K (1005)
R602	1-208-911-81 s	RES, CHIP 10K (1005)
R603	1-208-911-81 s	RES, CHIP 10K (1005)
R604	1-208-911-81 s	RES, CHIP 10K (1005)
R605	1-208-911-81 s	RES, CHIP 10K (1005)
R606	1-216-813-91 s	RES, CHIP 220 (1608)
R607	1-216-813-91 s	RES, CHIP 220 (1608)
R608	1-216-813-91 s	RES, CHIP 220 (1608)
R609	1-216-813-91 s	RES, CHIP 220 (1608)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R610	1-216-813-91 s	RES, CHIP 220 (1608)
R611	1-216-813-91 s	RES, CHIP 220 (1608)
R612	1-216-813-91 s	RES, CHIP 220 (1608)
R613	1-216-813-91 s	RES, CHIP 220 (1608)
R614	1-208-911-81 s	RES, CHIP 10K (1005)
R615	1-208-911-81 s	RES, CHIP 10K (1005)
R616	1-208-911-81 s	RES, CHIP 10K (1005)
R617	1-208-911-81 s	RES, CHIP 10K (1005)
R618	1-208-903-81 s	RES, CHIP 4.7K (1005)
R619	1-208-919-81 s	RES, CHIP 22K (1005)
R620	1-208-935-81 s	RES, CHIP 100K (1005)
R621	1-208-919-81 s	RES, CHIP 22K (1005)
R622	1-208-935-81 s	RES, CHIP 100K (1005)
R623	1-208-935-81 s	RES, CHIP 100K (1005)
R624	1-208-935-81 s	RES, CHIP 100K (1005)
R625	1-208-959-81 s	RES, CHIP 1M (1005)
R626	1-208-911-81 s	RES, CHIP 10K (1005)
R627	1-208-919-81 s	RES, CHIP 22K (1005)
R628	1-208-919-81 s	RES, CHIP 22K (1005)
R629	1-208-919-81 s	RES, CHIP 22K (1005)
R630	1-208-919-81 s	RES, CHIP 22K (1005)
R631	1-208-919-81 s	RES, CHIP 22K (1005)
R632	1-208-915-81 s	RES, CHIP 15K (1005)
R633	1-208-915-81 s	RES, CHIP 15K (1005)
R634	1-208-915-81 s	RES, CHIP 15K (1005)
R635	1-208-915-81 s	RES, CHIP 15K (1005)
R636	1-208-895-81 s	RES, CHIP 2.2K (1005)
R637	1-208-895-81 s	RES, CHIP 2.2K (1005)
R638	1-208-919-81 s	RES, CHIP 22K (1005)
R639	1-208-919-81 s	RES, CHIP 22K (1005)
R651	1-208-887-81 s	RES, CHIP 1.0K (1005)
R652	1-208-887-81 s	RES, CHIP 1.0K (1005)
R653	1-208-915-81 s	RES, CHIP 15K (1005)
R654	1-208-915-81 s	RES, CHIP 15K (1005)
R655	1-208-915-81 s	RES, CHIP 15K (1005)
R656	1-208-863-81 s	RES, CHIP 100 (1005)
R657	1-208-915-81 s	RES, CHIP 15K (1005)
R658	1-208-863-81 s	RES, CHIP 100 (1005)
R659	1-220-870-81 s	RES, CHIP 10 (1005)
R660	1-208-915-81 s	RES, CHIP 15K (1005)
R661	1-208-915-81 s	RES, CHIP 15K (1005)
R662	1-208-915-81 s	RES, CHIP 15K (1005)
R663	1-208-915-81 s	RES, CHIP 15K (1005)
R664	1-208-919-81 s	RES, CHIP 22K (1005)
R665	1-208-919-81 s	RES, CHIP 22K (1005)
R666	1-208-863-81 s	RES, CHIP 100 (1005)
R667	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R668	1-208-863-81 s	RES, CHIP 100 (1005)
R669	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R671	1-208-927-81 s	RES, CHIP 47K (1005)
R672	1-208-927-81 s	RES, CHIP 47K (1005)
R674	1-208-919-81 s	RES, CHIP 22K (1005)
R675	1-208-919-81 s	RES, CHIP 22K (1005)
R677	1-208-911-81 s	RES, CHIP 10K (1005)
R678	1-208-911-81 s	RES, CHIP 10K (1005)
R679	1-208-911-81 s	RES, CHIP 10K (1005)
R680	1-208-911-81 s	RES, CHIP 10K (1005)
R681	1-208-919-81 s	RES, CHIP 22K (1005)
R682	1-208-903-81 s	RES, CHIP 4.7K (1005)
R683	1-208-903-81 s	RES, CHIP 4.7K (1005)
R684	1-208-903-81 s	RES, CHIP 4.7K (1005)
R685	1-208-903-81 s	RES, CHIP 4.7K (1005)
R687	1-208-919-81 s	RES, CHIP 22K (1005)
R688	1-208-919-81 s	RES, CHIP 22K (1005)
R689	1-208-919-81 s	RES, CHIP 22K (1005)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R690	1-208-911-81 s	RES, CHIP 10K (1005)
R691	1-208-911-81 s	RES, CHIP 10K (1005)
R692	1-208-919-81 s	RES, CHIP 22K (1005)
R693	1-208-919-81 s	RES, CHIP 22K (1005)
R694	1-208-919-81 s	RES, CHIP 22K (1005)
R695	1-208-919-81 s	RES, CHIP 22K (1005)
R696	1-208-923-81 s	RES, CHIP 33K (1005)
R697	1-208-923-81 s	RES, CHIP 33K (1005)
R698	1-208-923-81 s	RES, CHIP 33K (1005)
R699	1-208-923-81 s	RES, CHIP 33K (1005)
R700	1-208-923-81 s	RES, CHIP 33K (1005)
R701	1-208-863-81 s	RES, CHIP 100 (1005)
R702	1-208-923-81 s	RES, CHIP 33K (1005)
R703	1-208-863-81 s	RES, CHIP 100 (1005)
R704	1-208-919-81 s	RES, CHIP 22K (1005)
R705	1-208-919-81 s	RES, CHIP 22K (1005)
R706	1-208-919-81 s	RES, CHIP 22K (1005)
R707	1-208-919-81 s	RES, CHIP 22K (1005)
R708	1-208-863-81 s	RES, CHIP 100 (1005)
R709	1-208-863-81 s	RES, CHIP 100 (1005)
R710	1-208-911-81 s	RES, CHIP 10K (1005)
R711	1-208-919-81 s	RES, CHIP 22K (1005)
R712	1-208-919-81 s	RES, CHIP 22K (1005)
R713	1-208-911-81 s	RES, CHIP 10K (1005)
R714	1-208-911-81 s	RES, CHIP 10K (1005)
R715	1-208-911-81 s	RES, CHIP 10K (1005)
R716	1-208-911-81 s	RES, CHIP 10K (1005)
R717	1-208-863-81 s	RES, CHIP 100 (1005)
R718	1-208-935-81 s	RES, CHIP 100K (1005)
R719	1-208-935-81 s	RES, CHIP 100K (1005)
R720	1-208-863-81 s	RES, CHIP 100 (1005)
R721	1-216-813-91 s	RES, CHIP 220 (1608)
R722	1-216-813-91 s	RES, CHIP 220 (1608)
R723	1-216-813-91 s	RES, CHIP 220 (1608)
R724	1-216-813-91 s	RES, CHIP 220 (1608)
R725	1-208-911-81 s	RES, CHIP 10K (1005)
R726	1-208-911-81 s	RES, CHIP 10K (1005)
R727	1-216-813-91 s	RES, CHIP 220 (1608)
R728	1-216-813-91 s	RES, CHIP 220 (1608)
R729	1-216-813-91 s	RES, CHIP 220 (1608)
R730	1-216-813-91 s	RES, CHIP 220 (1608)
R731	1-208-911-81 s	RES, CHIP 10K (1005)
R732	1-208-911-81 s	RES, CHIP 10K (1005)
R733	1-208-911-81 s	RES, CHIP 10K (1005)
R734	1-208-911-81 s	RES, CHIP 10K (1005)
R735	1-208-911-81 s	RES, CHIP 10K (1005)
R736	1-208-911-81 s	RES, CHIP 10K (1005)
R737	1-208-911-81 s	RES, CHIP 10K (1005)
R738	1-208-911-81 s	RES, CHIP 10K (1005)
R739	1-208-927-81 s	RES, CHIP 47K (1005)
R740	1-208-911-81 s	RES, CHIP 10K (1005)
R741	1-208-935-81 s	RES, CHIP 100K (1005)
R742	1-208-935-81 s	RES, CHIP 100K (1005)
R743	1-208-911-81 s	RES, CHIP 10K (1005)
R744	1-208-927-81 s	RES, CHIP 47K (1005)
R745	1-208-911-81 s	RES, CHIP 10K (1005)
R746	1-208-911-81 s	RES, CHIP 10K (1005)
R747	1-208-911-81 s	RES, CHIP 10K (1005)
R748	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R749	1-208-911-81 s	RES, CHIP 10K (1005)
R750	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R751	1-208-911-81 s	RES, CHIP 10K (1005)
R752	1-208-911-81 s	RES, CHIP 10K (1005)
R753	1-208-927-81 s	RES, CHIP 47K (1005)
R754	1-208-863-81 s	RES, CHIP 100 (1005)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R756	1-208-911-81 s	RES, CHIP 10K (1005)
R757	1-208-863-81 s	RES, CHIP 100 (1005)
R759	1-208-911-81 s	RES, CHIP 10K (1005)
R760	1-208-927-81 s	RES, CHIP 47K (1005)
R761	1-208-927-81 s	RES, CHIP 47K (1005)
R762	1-208-911-81 s	RES, CHIP 10K (1005)
R763	1-208-927-81 s	RES, CHIP 47K (1005)
R764	1-208-911-81 s	RES, CHIP 10K (1005)
R765	1-208-911-81 s	RES, CHIP 10K (1005)
R768	1-208-911-81 s	RES, CHIP 10K (1005)
R769	1-208-911-81 s	RES, CHIP 10K (1005)
R776	1-208-959-81 s	RES, CHIP 1M (1005)
R777	1-208-959-81 s	RES, CHIP 1M (1005)
R778	1-208-933-81 s	RES, CHIP 82K (1005)
R779	1-208-933-81 s	RES, CHIP 82K (1005)
R780	1-208-915-81 s	RES, CHIP 15K (1005)
R781	1-208-915-81 s	RES, CHIP 15K (1005)
R782	1-208-927-81 s	RES, CHIP 47K (1005)
R783	1-208-927-81 s	RES, CHIP 47K (1005)
R784	1-208-919-81 s	RES, CHIP 22K (1005)
R785	1-208-919-81 s	RES, CHIP 22K (1005)
R786	1-208-911-81 s	RES, CHIP 10K (1005)
R787	1-208-911-81 s	RES, CHIP 10K (1005)
R788	1-208-911-81 s	RES, CHIP 10K (1005)
R789	1-208-911-81 s	RES, CHIP 10K (1005)
R790	1-208-903-81 s	RES, CHIP 4.7K (1005)
R791	1-208-903-81 s	RES, CHIP 4.7K (1005)
R792	1-208-903-81 s	RES, CHIP 4.7K (1005)
R793	1-208-903-81 s	RES, CHIP 4.7K (1005)
R794	1-208-919-81 s	RES, CHIP 22K (1005)
R795	1-208-919-81 s	RES, CHIP 22K (1005)
R796	1-208-919-81 s	RES, CHIP 22K (1005)
R797	1-208-919-81 s	RES, CHIP 22K (1005)
R798	1-208-919-81 s	RES, CHIP 22K (1005)
R799	1-208-919-81 s	RES, CHIP 22K (1005)
R800	1-208-919-81 s	RES, CHIP 22K (1005)
R801	1-208-919-81 s	RES, CHIP 22K (1005)
R802	1-208-903-81 s	RES, CHIP 4.7K (1005)
R803	1-208-861-81 s	RES, CHIP 82 (1005)
R804	1-208-861-81 s	RES, CHIP 82 (1005)
R805	1-208-959-81 s	RES, CHIP 1M (1005)
R807	1-208-915-81 s	RES, CHIP 15K (1005)
R808	1-208-959-81 s	RES, CHIP 1M (1005)
R809	1-208-915-81 s	RES, CHIP 15K (1005)
R810	1-208-919-81 s	RES, CHIP 22K (1005)
R812	1-220-870-81 s	RES, CHIP 10 (1005)
R813	1-220-870-81 s	RES, CHIP 10 (1005)
R814	1-220-870-81 s	RES, CHIP 10 (1005)
R815	1-220-870-81 s	RES, CHIP 10 (1005)
R816	1-208-919-81 s	RES, CHIP 22K (1005)
R817	1-208-959-81 s	RES, CHIP 1M (1005)
R818	1-208-911-81 s	RES, CHIP 10K (1005)
R819	1-208-911-81 s	RES, CHIP 10K (1005)
R820	1-208-935-81 s	RES, CHIP 100K (1005)
R821	1-208-935-81 s	RES, CHIP 100K (1005)
R822	1-208-919-81 s	RES, CHIP 22K (1005)
R823	1-208-935-81 s	RES, CHIP 100K (1005)
R824	1-208-935-81 s	RES, CHIP 100K (1005)
R825	1-208-919-81 s	RES, CHIP 22K (1005)
R826	1-208-903-81 s	RES, CHIP 4.7K (1005)
R827	1-208-903-81 s	RES, CHIP 4.7K (1005)
R828	1-208-903-81 s	RES, CHIP 4.7K (1005)
R829	1-208-903-81 s	RES, CHIP 4.7K (1005)
R830	1-208-911-81 s	RES, CHIP 10K (1005)
R831	1-208-911-81 s	RES, CHIP 10K (1005)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R832	1-208-927-81 s	RES, CHIP 47K (1005)
R833	1-208-927-81 s	RES, CHIP 47K (1005)
R834	1-208-959-81 s	RES, CHIP 1M (1005)
R835	1-208-915-81 s	RES, CHIP 15K (1005)
R836	1-208-863-81 s	RES, CHIP 100 (1005)
R837	1-208-863-81 s	RES, CHIP 100 (1005)
R838	1-208-959-81 s	RES, CHIP 1M (1005)
R839	1-208-915-81 s	RES, CHIP 15K (1005)
R840	1-208-935-81 s	RES, CHIP 100K (1005)
R841	1-208-935-81 s	RES, CHIP 100K (1005)
R842	1-208-863-81 s	RES, CHIP 100 (1005)
R843	1-208-863-81 s	RES, CHIP 100 (1005)
R844	1-208-887-81 s	RES, CHIP 1.0K (1005)
R845	1-208-887-81 s	RES, CHIP 1.0K (1005)
R846	1-208-887-81 s	RES, CHIP 1.0K (1005)
R847	1-208-887-81 s	RES, CHIP 1.0K (1005)
R851	1-208-887-81 s	RES, CHIP 1.0K (1005)
R852	1-208-887-81 s	RES, CHIP 1.0K (1005)
R853	1-208-887-81 s	RES, CHIP 1.0K (1005)
R854	1-208-915-81 s	RES, CHIP 15K (1005)
R855	1-208-899-81 s	RES, CHIP 3.3K (1005)
R856	1-208-899-81 s	RES, CHIP 3.3K (1005)
R857	1-208-915-81 s	RES, CHIP 15K (1005)
R858	1-208-899-81 s	RES, CHIP 3.3K (1005)
R859	1-208-915-81 s	RES, CHIP 15K (1005)
R860	1-208-927-81 s	RES, CHIP 47K (1005)
R861	1-208-927-81 s	RES, CHIP 47K (1005)
R862	1-208-927-81 s	RES, CHIP 47K (1005)
R863	1-220-281-91 s	RES,SQUARE TYPE CHIP 4.7K 3225
R864	1-208-911-81 s	RES, CHIP 10K (1005)
R865	1-220-281-91 s	RES,SQUARE TYPE CHIP 4.7K 3225
R866	1-208-911-81 s	RES, CHIP 10K (1005)
R867	1-220-281-91 s	RES,SQUARE TYPE CHIP 4.7K 3225
R868	1-208-911-81 s	RES, CHIP 10K (1005)
R869	1-220-281-91 s	RES,SQUARE TYPE CHIP 4.7K 3225
R870	1-220-281-91 s	RES,SQUARE TYPE CHIP 4.7K 3225
R871	1-220-281-91 s	RES,SQUARE TYPE CHIP 4.7K 3225
R872	1-208-911-81 s	RES, CHIP 10K (1005)
R873	1-208-911-81 s	RES, CHIP 10K (1005)
R874	1-208-911-81 s	RES, CHIP 10K (1005)
R875	1-208-887-81 s	RES, CHIP 1.0K (1005)
R876	1-208-887-81 s	RES, CHIP 1.0K (1005)
R877	1-208-887-81 s	RES, CHIP 1.0K (1005)
R878	1-208-887-81 s	RES, CHIP 1.0K (1005)
R879	1-208-887-81 s	RES, CHIP 1.0K (1005)
R880	1-208-887-81 s	RES, CHIP 1.0K (1005)
R881	1-208-887-81 s	RES, CHIP 1.0K (1005)
R882	1-208-887-81 s	RES, CHIP 1.0K (1005)
R883	1-208-887-81 s	RES, CHIP 1.0K (1005)
R884	1-208-879-81 s	RES, CHIP 470 (1005)
R885	1-208-879-81 s	RES, CHIP 470 (1005)
R886	1-208-879-81 s	RES, CHIP 470 (1005)
R887	1-208-879-81 s	RES, CHIP 470 (1005)
R888	1-208-879-81 s	RES, CHIP 470 (1005)
R889	1-208-879-81 s	RES, CHIP 470 (1005)
R890	1-208-879-81 s	RES, CHIP 470 (1005)
R891	1-208-879-81 s	RES, CHIP 470 (1005)
R892	1-208-879-81 s	RES, CHIP 470 (1005)
R893	1-208-911-81 s	RES, CHIP 10K (1005)
R894	1-208-911-81 s	RES, CHIP 10K (1005)
R895	1-208-911-81 s	RES, CHIP 10K (1005)
R896	1-208-911-81 s	RES, CHIP 10K (1005)
R897	1-208-911-81 s	RES, CHIP 10K (1005)
R898	1-208-911-81 s	RES, CHIP 10K (1005)
R899	1-208-911-81 s	RES, CHIP 10K (1005)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R900	1-208-911-81 s	RES, CHIP 10K (1005)
R901	1-208-911-81 s	RES, CHIP 10K (1005)
R902	1-208-903-81 s	RES, CHIP 4.7K (1005)
R903	1-208-903-81 s	RES, CHIP 4.7K (1005)
R904	1-208-903-81 s	RES, CHIP 4.7K (1005)
R905	1-208-903-81 s	RES, CHIP 4.7K (1005)
R906	1-208-903-81 s	RES, CHIP 4.7K (1005)
R907	1-208-903-81 s	RES, CHIP 4.7K (1005)
R908	1-208-903-81 s	RES, CHIP 4.7K (1005)
R909	1-208-903-81 s	RES, CHIP 4.7K (1005)
R910	1-208-903-81 s	RES, CHIP 4.7K (1005)
R911	1-208-927-81 s	RES, CHIP 47K (1005)
R912	1-208-927-81 s	RES, CHIP 47K (1005)
R913	1-208-927-81 s	RES, CHIP 47K (1005)
R915	1-208-911-81 s	RES, CHIP 10K (1005)
R916	1-208-911-81 s	RES, CHIP 10K (1005)
R917	1-208-911-81 s	RES, CHIP 10K (1005)
R918	1-208-903-81 s	RES, CHIP 4.7K (1005)
R919	1-208-903-81 s	RES, CHIP 4.7K (1005)
R920	1-208-903-81 s	RES, CHIP 4.7K (1005)
R921	1-208-903-81 s	RES, CHIP 4.7K (1005)
R923	1-208-903-81 s	RES, CHIP 4.7K (1005)
R924	1-208-903-81 s	RES, CHIP 4.7K (1005)
R925	1-208-903-81 s	RES, CHIP 4.7K (1005)
R926	1-208-903-81 s	RES, CHIP 4.7K (1005)
R928	1-208-903-81 s	RES, CHIP 4.7K (1005)
R929	1-208-903-81 s	RES, CHIP 4.7K (1005)
R930	1-208-903-81 s	RES, CHIP 4.7K (1005)
R931	1-208-903-81 s	RES, CHIP 4.7K (1005)
R932	1-208-903-81 s	RES, CHIP 4.7K (1005)
R933	1-208-903-81 s	RES, CHIP 4.7K (1005)
R934	1-208-903-81 s	RES, CHIP 4.7K (1005)
R935	1-208-855-81 s	RES, CHIP 47 (1005)
R936	1-208-855-81 s	RES, CHIP 47 (1005)
R937	1-208-903-81 s	RES, CHIP 4.7K (1005)
R938	1-208-911-81 s	RES, CHIP 10K (1005)
R939	1-208-923-81 s	RES, CHIP 33K (1005)
R940	1-208-923-81 s	RES, CHIP 33K (1005)
R941	1-208-887-81 s	RES, CHIP 1.0K (1005)
R942	1-208-887-81 s	RES, CHIP 1.0K (1005)
R943	1-208-923-81 s	RES, CHIP 33K (1005)
R944	1-208-923-81 s	RES, CHIP 33K (1005)
R945	1-218-929-81 s	RES, CHIP 10
R946	1-218-929-81 s	RES, CHIP 10
R947	1-218-929-81 s	RES, CHIP 10
R948	1-208-887-81 s	RES, CHIP 1.0K (1005)
R949	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1002	1-208-863-81 s	RES, CHIP 100 (1005)
R1003	1-208-863-81 s	RES, CHIP 100 (1005)
R1004	1-208-911-81 s	RES, CHIP 10K (1005)
R1007	1-208-863-81 s	RES, CHIP 100 (1005)
R1008	1-208-863-81 s	RES, CHIP 100 (1005)
R1009	1-208-863-81 s	RES, CHIP 100 (1005)
R1013	1-208-863-81 s	RES, CHIP 100 (1005)
R1014	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1015	1-220-878-81 s	RES, CHIP 22 (1005)
R1016	1-220-878-81 s	RES, CHIP 22 (1005)
R1017	1-220-878-81 s	RES, CHIP 22 (1005)
R1018	1-220-878-81 s	RES, CHIP 22 (1005)
R1020	1-208-927-81 s	RES, CHIP 47K (1005)
R1021	1-208-911-81 s	RES, CHIP 10K (1005)
R1022	1-220-870-81 s	RES, CHIP 10 (1005)
R1023	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1025	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1027	1-208-887-81 s	RES, CHIP 1.0K (1005)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R1029	1-220-870-81 s	RES, CHIP 10 (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)
R1042	1-208-863-81 s	RES, CHIP 100 (1005)
R1043	1-220-878-81 s	RES, CHIP 22 (1005)
R1044	1-220-878-81 s	RES, CHIP 22 (1005)
R1045	1-220-870-81 s	RES, CHIP 10 (1005)
R1046	1-220-870-81 s	RES, CHIP 10 (1005)
R1051	1-208-911-81 s	RES, CHIP 10K (1005)
R1052	1-208-911-81 s	RES, CHIP 10K (1005)
RB101	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB102	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB103	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB104	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB201	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB202	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB203	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB204	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB205	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB206	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB207	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB208	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB209	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB210	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB211	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB212	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB213	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB214	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB216	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB218	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB219	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB220	1-234-381-21 s	RES, NETWORK 100K (1005X4)
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	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB305	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB306	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB307	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB308	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB401	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB402	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB501	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB601	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB954	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB955	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB957	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB958	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB960	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB961	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB962	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB963	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB964	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB965	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB966	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB967	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB969	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB970	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB971	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB972	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB973	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB974	1-234-371-21 s	RES, NETWORK 47 (1005X4)

AVP-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
RB975	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB976	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB977	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RY601	1-755-381-21 s	RELAY
RY602	1-755-381-21 s	RELAY
S1	1-692-271-41 s	SWITCH, SLIDE
S201	1-692-530-21 s	SWITCH, TOGGLE
S202	1-762-775-21 s	SWITCH, TOGGLE
T701	1-443-158-11 s	TRANSFORMER, DC-DC CONVERTER
T702	1-443-158-11 s	TRANSFORMER, DC-DC CONVERTER
THP101 	1-803-615-21 s	THERMISTOR, POSITIVE
THP102 	1-803-615-21 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
TP401	1-535-877-22 s	CHIP, CHECKER
TP402	1-535-877-22 s	CHIP, CHECKER
TP403	1-535-877-22 s	CHIP, CHECKER
TP404	1-535-877-22 s	CHIP, CHECKER
TP405	1-535-877-22 s	CHIP, CHECKER
TP406	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
TP506	1-535-877-22 s	CHIP, CHECKER
TP601	1-535-877-22 s	CHIP, CHECKER
TP602	1-535-877-22 s	CHIP, CHECKER
TP901	1-535-877-22 s	CHIP, CHECKER
TP902	1-535-877-22 s	CHIP, CHECKER
TP903	1-535-877-22 s	CHIP, CHECKER
X301	1-813-253-12 s	OSCILLATOR, CRYSTAL (VCXO) 5V

CN-2672GA BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1650-608-A s	MOUNTED CIRCUIT BOARD, CN-2672GA
4pcs	3-165-162-01 s	SCREW (+P2.6X5) (TYPE1)
1pc	3-725-295-21 s	SCREW, (+) (B3)
2pcs	4-369-317-01 s	PIN, COATING LEAD
1.15pcs	7-640-005-23 s	SOLDER (F3M705,D0.8) 1.0KG
C1	1-164-937-81 s	CAP, CHIPCERAMIC 1000PF B 1005
C2	1-164-937-81 s	CAP, CHIPCERAMIC 1000PF B 1005
C3	1-164-937-81 s	CAP, CHIPCERAMIC 1000PF B 1005
C4	1-164-937-81 s	CAP, CHIPCERAMIC 1000PF B 1005
CN1	1-561-336-41 s	CONNECTOR, COAXIAL
CN2	1-561-336-41 s	CONNECTOR, COAXIAL
CN3	1-561-336-41 s	CONNECTOR, COAXIAL
CN4	1-561-336-41 s	CONNECTOR, COAXIAL
CN5	1-561-336-41 s	CONNECTOR, COAXIAL
CN6	1-561-336-41 s	CONNECTOR, COAXIAL
CN7	1-766-696-11 o	CONNECTOR, ROUND TYPE 8P
CN8	1-766-696-11 o	CONNECTOR, ROUND TYPE 8P
CN9	1-778-647-31 s	CONNECTOR, FFC/FPC(ZIF) ST 15P
CN10	1-764-079-21 s	PIN, CONNECTOR (PC BOARD) 4P
CN11	1-764-079-21 s	PIN, CONNECTOR (PC BOARD) 4P
CN12	1-785-125-21 s	CONNECTOR 6P

CN-2672GA BOARD

Ref. No. or Q'ty	Part No.	SP Description
CN13	1-785-125-21 s	CONNECTOR 6P
CN14	1-778-652-31 s	CONNECTOR, FFC (ZIF) 50P
CN15	1-695-480-21 o	PIN, CONNECTOR (PC BOARD) 2P
CN18	1-695-207-21 o	PIN, CONNECTOR (PC BOARD) 6P
FL1	1-239-897-31 s	FILTER, EMI (SMD)
FL2	1-239-897-31 s	FILTER, EMI (SMD)
FL3	1-239-897-31 s	FILTER, EMI (SMD)
FL4	1-239-897-31 s	FILTER, EMI (SMD)
FL5	1-239-897-31 s	FILTER, EMI (SMD)
FL6	1-239-897-31 s	FILTER, EMI (SMD)
FL7	1-239-897-31 s	FILTER, EMI (SMD)
FL8	1-239-897-31 s	FILTER, EMI (SMD)
FL9	1-239-897-31 s	FILTER, EMI (SMD)
FL10	1-239-897-31 s	FILTER, EMI (SMD)
FL11	1-239-897-31 s	FILTER, EMI (SMD)
FL12	1-239-897-31 s	FILTER, EMI (SMD)
JC1	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R2	1-220-870-81 s	RES, CHIP 10 (1005)
R3	1-220-803-81 s	RES, CHIP 4.7
R4	1-220-803-81 s	RES, CHIP 4.7
VDR1	1-804-499-21 s	VARISTOR, CHIP (1608)

CN-2673 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1129-232-A s	MOUNTED CIRCUIT BOARD, CN-2673
CN1	1-568-005-11 s	CONNECTOR, XLR TYPE 3P
CN2	1-568-005-11 s	CONNECTOR, XLR TYPE 3P
CN3	1-785-125-21 s	CONNECTOR 6P
FL1	1-239-897-31 s	FILTER, EMI (SMD)
FL2	1-239-897-31 s	FILTER, EMI (SMD)
FL3	1-239-897-31 s	FILTER, EMI (SMD)
FL4	1-239-897-31 s	FILTER, EMI (SMD)
FL5	1-239-897-31 s	FILTER, EMI (SMD)
FL6	1-239-897-31 s	FILTER, EMI (SMD)
JC2	1-216-864-91 s	CONDUCTOR, CHIP (1608)
JC3	1-216-864-91 s	CONDUCTOR, CHIP (1608)
JC5	1-216-864-91 s	CONDUCTOR, CHIP (1608)
JC7	1-216-864-91 s	CONDUCTOR, CHIP (1608)
JC8	1-216-864-91 s	CONDUCTOR, CHIP (1608)
JC10	1-216-864-91 s	CONDUCTOR, CHIP (1608)

CN-2674G BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1161-082-A s	MOUNTED CIRCUIT BOARD, CN-2674G
1pc	3-725-295-21 s	SCREW, (+) (B3)
1.01pcs	7-640-005-23 s	SOLDER (F3M705,D0.8) 1.0KG
CN1	1-561-336-41 s	CONNECTOR, COAXIAL
CN2	1-561-336-41 s	CONNECTOR, COAXIAL
CN3	1-561-336-41 s	CONNECTOR, COAXIAL
CN4	1-561-336-41 s	CONNECTOR, COAXIAL
CN5	1-561-336-41 s	CONNECTOR, COAXIAL

CN-2674G BOARD

Ref. No. or Q'ty	Part No.	SP Description
CN6	1-561-336-41 s	CONNECTOR, COAXIAL
CN7	1-561-336-41 s	CONNECTOR, COAXIAL
CN8	1-561-336-41 s	CONNECTOR, COAXIAL
CN9	1-778-647-31 s	CONNECTOR, FFC/FPC(ZIF) ST 15P
R1	1-220-870-81 s	RES, CHIP 10 (1005)
R2	1-220-870-81 s	RES, CHIP 10 (1005)

CN-2718 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1129-237-A s	MOUNTED CIRCUIT BOARD, CN-2718
CN1	1-691-291-11 o	PIN, CONNECTOR (PC BOARD) 5P
CN2	1-691-291-11 o	PIN, CONNECTOR (PC BOARD) 5P

CN-2805G BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1161-079-A s	MOUNTED CIRCUIT BOARD, CN-2805G
C1	1-164-937-81 s	CAP, CHIPCERAMIC 1000PF B 1005
C2	1-164-937-81 s	CAP, CHIPCERAMIC 1000PF B 1005
C3	1-164-937-81 s	CAP, CHIPCERAMIC 1000PF B 1005
CN1	1-819-262-11 s	CONNECTOR, ROUND TYPE 12P
CN2	1-785-840-31 s	CONNECTOR, FFC/FPC(ZIF) AN 15P
FL1	1-239-897-31 s	FILTER, EMI (SMD)
FL2	1-239-897-31 s	FILTER, EMI (SMD)
FL3	1-239-897-31 s	FILTER, EMI (SMD)
FL4	1-239-897-31 s	FILTER, EMI (SMD)
FL5	1-239-897-31 s	FILTER, EMI (SMD)
FL6	1-239-897-31 s	FILTER, EMI (SMD)
FL7	1-239-897-31 s	FILTER, EMI (SMD)
FL8	1-239-897-31 s	FILTER, EMI (SMD)

CN-3275 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1769-662-A s	MOUNTED CIRCUIT BOARD, CN-3275
C9001	1-116-117-11 s	CAP, ELECT 22MF 105
C9017	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
CN9001	1-819-442-11 s	HEADER ASSEMBLY FOR PWB 14P
CN9002	1-580-547-11 o	PIN, CONNECTOR (PC BOARD) 36P
CN9003	1-766-198-51 s	CONNECTOR, FPC 26P
CN9004	1-691-291-11 o	PIN, CONNECTOR (PC BOARD) 5P
CN9005	1-779-094-11 s	PIN, CONNECTOR (PC BOARD) 10P
CN9006	1-779-092-11 s	PIN, CONNECTOR (PC BOARD) 10P
CN9007	1-691-291-11 o	PIN, CONNECTOR (PC BOARD) 5P
TP9001	1-780-925-11 s	TERMINAL, LUG
TP9002	1-780-627-11 s	TERMINAL, LUG

CN-3450 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1860-196-A s	MOUNTED CIRCUIT BOARD, CN-3450
C1	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C2	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C3	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
CN1	1-784-602-11 s	CONNECTOR, XLR (RECEPTACLE) 5P
CN2	1-779-806-21 s	CONNECTOR 8P
FB1	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB2	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
FB3	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
L1	1-457-217-21 o	COMMON MODE CHOKE COIL

CNB-28A BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1868-137-A s	MOUNTED CIRCUIT BOARD, CNB-28A
C101	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C102	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C103	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C104	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C105	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C106	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C107	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C108	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C109	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C110	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C111	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C112	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C113	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C114	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C115	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C116	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C117	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C118	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C119	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C120	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C121	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C122	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C123	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C124	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C125	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C126	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C127	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C128	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C129	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C130	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C131	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C132	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C133	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C134	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C135	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C136	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C201	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C202	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C203	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C204	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C205	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C206	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C207	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C208	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005

CNB-28A BOARD

Ref. No. or Q'ty	Part No.	SP Description
C209	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C210	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C211	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C212	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C213	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C214	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C215	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C216	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C217	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C218	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C219	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C220	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C221	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C222	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C223	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C224	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C225	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C226	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C227	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C228	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
CN1	1-750-890-11 s	CONNECTOR, D-SUB (ANGLE TYPE) 25P
CN2	1-750-889-11 s	CONNECTOR, D-SUB (ANGLE TYPE) 15P
CN3	1-750-889-11 s	CONNECTOR, D-SUB (ANGLE TYPE) 15P
CN4	1-573-566-11 s	CONNECTOR, D-SUB (ANGLE TYPE) 9P
CN5	1-750-889-11 s	CONNECTOR, D-SUB (ANGLE TYPE) 15P
CN6	1-778-652-31 s	CONNECTOR, FFC (ZIF) 50P
CN7	1-778-652-31 s	CONNECTOR, FFC (ZIF) 50P
CN8	1-778-652-31 s	CONNECTOR, FFC (ZIF) 50P
CN9	1-778-652-31 s	CONNECTOR, FFC (ZIF) 50P
FL101	1-239-896-31 s	FILTER, EMI (SMD)
FL102	1-239-896-31 s	FILTER, EMI (SMD)
FL103	1-239-896-31 s	FILTER, EMI (SMD)
FL104	1-239-896-31 s	FILTER, EMI (SMD)
FL105	1-239-896-31 s	FILTER, EMI (SMD)
FL106	1-239-896-31 s	FILTER, EMI (SMD)
FL107	1-239-896-31 s	FILTER, EMI (SMD)
FL108	1-239-896-31 s	FILTER, EMI (SMD)
FL109	1-239-896-31 s	FILTER, EMI (SMD)
FL110	1-239-896-31 s	FILTER, EMI (SMD)
JC1	1-216-864-91 s	CONDUCTOR, CHIP (1608)
JC2	1-216-864-91 s	CONDUCTOR, CHIP (1608)
JC4	1-216-864-91 s	CONDUCTOR, CHIP (1608)
JC7	1-216-864-91 s	CONDUCTOR, CHIP (1608)

DRX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1856-356-A s	MOUNTED CIRCUIT BOARD, DRX-9
4pcs	7-682-947-01 s	SCREW +PSW 3X6
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	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C6	1-116-346-11 s	CAP, ELECT 47MF 105
C7	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C8	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C9	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C10	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C11	1-116-346-11 s	CAP, ELECT 47MF 105
C12	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)

DRX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C13	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C14	1-116-346-11 s	CAP, ELECT 47MF 105
C15	1-116-346-11 s	CAP, ELECT 47MF 105
C16	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C17	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C18	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C19	1-116-346-11 s	CAP, ELECT 47MF 105
C20	1-116-346-11 s	CAP, ELECT 47MF 105
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	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C24	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C25	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C26	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C27	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C28	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C29	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C30	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C31	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C32	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C33	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C34	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C35	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C36	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C37	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C38	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
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	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C42	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C43	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C44	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C45	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C46	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C47	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C48	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C49	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C50	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C51	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C52	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C53	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C54	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C55	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C56	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C57	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C58	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C59	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C60	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C61	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C62	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C63	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C64	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C65	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C66	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C67	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C68	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C69	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C70	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C71	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C72	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C73	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C74	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C75	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C76	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C77	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

DRX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C78	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C79	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C80	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C81	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C82	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C83	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C84	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C85	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C86	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C87	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C88	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C89	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C90	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C91	1-116-346-11 s	CAP, ELECT 47MF 105
C92	1-116-346-11 s	CAP, ELECT 47MF 105
C203	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C204	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C205	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C210	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C230	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C231	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C232	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C250	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C251	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C252	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C301	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C305	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C306	1-112-933-11 s	CAP, NIOBIUM ELECT 47MF
C310	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C315	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	1-119-923-81 s	CAP, CERAMIC 0.047MF 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
C364	1-112-717-91 s	CAP, CERAMIC 1UF 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)
C372	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C373	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C374	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C375	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C380	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C381	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C392	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C394	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C395	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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C506	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C507	1-112-933-11 s	CAP, NIOBIUM ELECT 47MF
C508	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C509	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C510	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C511	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005
C512	1-164-840-81 s	CAP, CHIP CERAMIC 1PF CK 1005
C513	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005

DRX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C515	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C516	1-164-840-81 s	CAP, CHIP CERAMIC 1PF CK 1005
C517	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C518	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C521	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C522	1-112-933-11 s	CAP, NIOBIUM ELECT 47MF
C523	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C524	1-112-933-11 s	CAP, NIOBIUM ELECT 47MF
C525	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C526	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C527	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C528	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C529	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C531	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C532	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C533	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C535	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C541	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C543	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C544	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C546	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C561	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C562	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C563	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C564	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C581	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C582	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C583	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C584	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C601	1-112-933-11 s	CAP, NIOBIUM ELECT 47MF
C602	1-112-933-11 s	CAP, NIOBIUM ELECT 47MF
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
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	1-112-933-11 s	CAP, NIOBIUM ELECT 47MF
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	1-114-582-91 s	CAP, CERAMIC 0.1MF 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	1-114-582-91 s	CAP, CERAMIC 0.1MF 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
C640	1-112-933-11 s	CAP, NIOBIUM ELECT 47MF
C641	1-112-933-11 s	CAP, NIOBIUM ELECT 47MF
C642	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C648	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

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Ref. No. or Q'ty	Part No.	SP Description
C739	1-114-582-91 s	CAP, CERAMIC 0.1MF B 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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C748	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C749	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C750	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C751	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C752	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C753	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C754	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C755	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C756	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C757	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C758	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C759	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C760	1-114-582-91 s	CAP, CERAMIC 0.1MF B 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
C767	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C768	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C769	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C770	1-114-582-91 s	CAP, CERAMIC 0.1MF B 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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C778	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C779	1-114-582-91 s	CAP, CERAMIC 0.1MF B 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	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C784	1-114-582-91 s	CAP, CERAMIC 0.1MF B 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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C790	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C791	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C792	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C793	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C794	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C795	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C796	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C797	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C798	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C799	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C800	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C801	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C802	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C803	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)

DRX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C804	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C805	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C806	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C807	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C808	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
CN3	1-770-627-21 s	PIN, CONNECTOR 10P
D1	8-719-083-60 s	DI UDZSUSTE-174.7B
D2	8-719-083-60 s	DI UDZSUSTE-174.7B
D3	8-719-074-31 s	DIODE CL-196YG-CD-T
D201	8-719-074-31 s	DIODE CL-196YG-CD-T
D202	8-719-074-31 s	DIODE CL-196YG-CD-T
D203	6-501-257-01 s	DIODE CL-197TLY-CD-T
D204	6-501-257-01 s	DIODE CL-197TLY-CD-T
D205	8-719-074-31 s	DIODE CL-196YG-CD-T
D206	8-719-074-31 s	DIODE CL-196YG-CD-T
D207	8-719-074-31 s	DIODE CL-196YG-CD-T
D208	8-719-074-31 s	DIODE CL-196YG-CD-T
D209	8-719-074-31 s	DIODE CL-196YG-CD-T
D210	8-719-074-31 s	DIODE CL-196YG-CD-T
D521	6-500-697-01 s	DI UDZSUSTE-173.3B
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
E7	1-535-877-22 s	CHIP, CHECKER
E8	1-535-877-22 s	CHIP, CHECKER
FB20	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB21	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB22	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB23	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB24	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB25	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB40	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB41	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB42	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB43	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB44	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB60	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB61	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB62	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB63	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB64	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB80	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB81	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB82	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB83	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB501	1-481-195-21 s	FERRITE, EMI (SMD)
FB502	1-481-195-21 s	FERRITE, EMI (SMD)
FB503	1-400-832-21 s	SMD EMI FERRITE
FB505	1-400-832-21 s	SMD EMI FERRITE
FB506	1-400-832-21 s	SMD EMI FERRITE
FB507	1-400-832-21 s	SMD EMI FERRITE
FB508	1-481-195-21 s	FERRITE, EMI (SMD)
FB509	1-481-195-21 s	FERRITE, EMI (SMD)
FB521	1-481-195-21 s	FERRITE, EMI (SMD)
FB522	1-481-195-21 s	FERRITE, EMI (SMD)
FB523	1-481-195-21 s	FERRITE, EMI (SMD)
FB561	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB581	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
IC1	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC2	8-759-327-01 s	IC NJM062V(TE2)

DRX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC3	8-759-327-01 s	IC NJM062V(TE2)
IC6	8-759-327-01 s	IC NJM062V(TE2)
IC20	6-713-169-01 s	IC LTC3412AEFE#TR
IC40	6-713-169-01 s	IC LTC3412AEFE#TR
IC60	6-706-220-01 s	IC LTC3411EMS#TR
IC80	6-712-135-01 o	IC R1173H001D-T1-F
IC81	6-712-135-01 o	IC R1173H001D-T1-F
IC201	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC202	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC203	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC204	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC205	6-713-799-01 s	IC BU7122KV-E2
IC230	8-759-592-42 s	IC TC7SZ00FU (TE85R)
IC231	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC232	8-759-592-42 s	IC TC7SZ00FU (TE85R)
IC250	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC251	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC302	6-700-804-01 s	IC SN74LVC574APWR
IC303	8-759-592-42 s	IC TC7SZ00FU (TE85R)
IC306	6-700-804-01 s	IC SN74LVC574APWR
IC307	8-759-592-42 s	IC TC7SZ00FU (TE85R)
IC320	8-759-592-42 s	IC TC7SZ00FU (TE85R)
IC321	8-759-592-42 s	IC TC7SZ00FU (TE85R)
IC322	6-702-879-01 s	IC R3112N281A-TR-FA
IC324	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC325	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC326	6-713-878-01 s	IC EPCS64SI16N
IC327	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC328	8-759-592-48 s	IC TC7SZ32FU (TE85R)
IC330	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC401	8-759-327-01 s	IC NJM062V(TE2)
IC501	6-708-538-01 s	IC CDCVF2510APWR
IC502	6-700-804-01 s	IC SN74LVC574APWR
IC503	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC504	8-759-675-54 s	IC TC7W53FK (TE85R)
IC521	6-709-647-01 s	IC TLC2932AIPWR
IC522	8-759-669-66 s	IC TLC272CPWR-12
IC524	8-759-592-42 s	IC TC7SZ00FU (TE85R)
IC525	8-759-592-48 s	IC TC7SZ32FU (TE85R)
IC527	6-704-030-01 s	IC TC7SA04FU (TE85R)
IC528	6-704-030-01 s	IC TC7SA04FU (TE85R)
IC561	6-702-535-01 s	IC MC100LVEL11DTR2
IC581	6-702-535-01 s	IC MC100LVEL11DTR2
L20	1-457-372-21 s	COIL, CHOKE 1UH
L40	1-457-372-21 s	COIL, CHOKE 1UH
L60	1-419-630-21 s	COIL, CHOKE 4.7UH
L301	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L501	1-412-987-41 s	INDUCTOR, SMALL TYPE 4.7UH
L521	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L522	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L523	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L544	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L601	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L603	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L605	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L640	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L642	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L660	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L662	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L701	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L702	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L703	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L704	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L705	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L706	1-414-392-41 s	INDUCTOR (SMD) 1.0UH

DRX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
L707	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L708	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L709	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L710	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L711	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L712	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L713	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L714	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L715	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L716	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L717	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
Q1	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q2	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q3	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q4	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q5	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q6	6-550-632-01 s	TRANSISTOR 2SC4672-T100-Q
Q7	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q202	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q203	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q204	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q205	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q206	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q207	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q208	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q209	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q210	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q211	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q401	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q402	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q541	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q542	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q543	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q544	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
R1	1-208-863-81 s	RES, CHIP 100 (1005)
R2	1-208-863-81 s	RES, CHIP 100 (1005)
R3	1-208-871-81 s	RES, CHIP 220 (1005)
R4	1-208-923-81 s	RES, CHIP 33K (1005)
R5	1-208-923-81 s	RES, CHIP 33K (1005)
R6	1-208-907-81 s	RES, CHIP 6.8K (1005)
R7	1-208-923-81 s	RES, CHIP 33K (1005)
R8	1-208-863-81 s	RES, CHIP 100 (1005)
R9	1-208-863-81 s	RES, CHIP 100 (1005)
R10	1-208-919-81 s	RES, CHIP 22K (1005)
R11	1-208-871-81 s	RES, CHIP 220 (1005)
R12	1-208-923-81 s	RES, CHIP 33K (1005)
R13	1-208-923-81 s	RES, CHIP 33K (1005)
R14	1-208-871-81 s	RES, CHIP 220 (1005)
R15	1-208-871-81 s	RES, CHIP 220 (1005)
R16	1-208-923-81 s	RES, CHIP 33K (1005)
R17	1-208-923-81 s	RES, CHIP 33K (1005)
R18	1-208-927-81 s	RES, CHIP 47K (1005)
R19	1-208-927-81 s	RES, CHIP 47K (1005)
R21	1-208-899-81 s	RES, CHIP 3.3K (1005)
R22	1-220-804-81 s	RES, CHIP 2.2M
R23	1-243-975-81 s	RES, CHIP 4.7M (1005)
R24	1-208-943-81 s	RES, CHIP 220K (1005)
R25	1-208-935-81 s	RES, CHIP 100K (1005)
R26	1-208-927-81 s	RES, CHIP 47K (1005)
R27	1-208-895-81 s	RES, CHIP 2.2K (1005)
R28	1-208-891-81 s	RES, CHIP 1.5K (1005)
R29	1-208-903-81 s	RES, CHIP 4.7K (1005)
R30	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R31	1-208-927-81 s	RES, CHIP 47K (1005)

DRX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R32	1-208-923-81 s	RES, CHIP 33K (1005)
R33	1-208-895-81 s	RES, CHIP 2.2K (1005)
R34	1-208-915-81 s	RES, CHIP 15K (1005)
R35	1-208-915-81 s	RES, CHIP 15K (1005)
R36	1-208-919-81 s	RES, CHIP 22K (1005)
R37	1-208-895-81 s	RES, CHIP 2.2K (1005)
R38	1-208-911-81 s	RES, CHIP 10K (1005)
R39	1-208-895-81 s	RES, CHIP 2.2K (1005)
R41	1-208-911-81 s	RES, CHIP 10K (1005)
R42	1-220-804-81 s	RES, CHIP 2.2M
R43	1-243-975-81 s	RES, CHIP 4.7M (1005)
R44	1-208-943-81 s	RES, CHIP 220K (1005)
R45	1-208-919-81 s	RES, CHIP 22K (1005)
R46	1-208-915-81 s	RES, CHIP 15K (1005)
R47	1-208-887-81 s	RES, CHIP 1.0K (1005)
R48	1-208-899-81 s	RES, CHIP 3.3K (1005)
R49	1-208-927-81 s	RES, CHIP 47K (1005)
R50	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R51	1-208-915-81 s	RES, CHIP 15K (1005)
R52	1-208-911-81 s	RES, CHIP 10K (1005)
R53	1-208-919-81 s	RES, CHIP 22K (1005)
R54	1-208-895-81 s	RES, CHIP 2.2K (1005)
R61	1-208-919-81 s	RES, CHIP 22K (1005)
R62	1-208-919-81 s	RES, CHIP 22K (1005)
R63	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R64	1-208-943-81 s	RES, CHIP 220K (1005)
R65	1-208-919-81 s	RES, CHIP 22K (1005)
R66	1-208-959-81 s	RES, CHIP 1M (1005)
R67	1-208-959-81 s	RES, CHIP 1M (1005)
R68	1-243-975-81 s	RES, CHIP 4.7M (1005)
R69	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R70	1-208-927-81 s	RES, CHIP 47K (1005)
R71	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R72	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R80	1-208-887-81 s	RES, CHIP 1.0K (1005)
R81	1-208-911-81 s	RES, CHIP 10K (1005)
R82	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R83	1-208-911-81 s	RES, CHIP 10K (1005)
R84	1-208-911-81 s	RES, CHIP 10K (1005)
R85	1-208-911-81 s	RES, CHIP 10K (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)
R205	1-220-870-81 s	RES, CHIP 10 (1005)
R206	1-208-895-81 s	RES, CHIP 2.2K (1005)
R208	1-208-927-81 s	RES, CHIP 47K (1005)
R209	1-208-887-81 s	RES, CHIP 1.0K (1005)
R210	1-208-927-81 s	RES, CHIP 47K (1005)
R211	1-208-887-81 s	RES, CHIP 1.0K (1005)
R212	1-208-927-81 s	RES, CHIP 47K (1005)
R213	1-208-903-81 s	RES, CHIP 4.7K (1005)
R214	1-208-927-81 s	RES, CHIP 47K (1005)
R215	1-208-903-81 s	RES, CHIP 4.7K (1005)
R216	1-208-927-81 s	RES, CHIP 47K (1005)
R217	1-208-887-81 s	RES, CHIP 1.0K (1005)
R218	1-208-927-81 s	RES, CHIP 47K (1005)
R219	1-208-887-81 s	RES, CHIP 1.0K (1005)
R220	1-208-935-81 s	RES, CHIP 100K (1005)
R222	1-208-927-81 s	RES, CHIP 47K (1005)
R223	1-208-935-81 s	RES, CHIP 100K (1005)
R226	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R227	1-208-887-81 s	RES, CHIP 1.0K (1005)
R229	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R231	1-218-990-81 s	CONDUCTOR, CHIP (1005)

DRX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R232	1-208-927-81 s	RES, CHIP 47K (1005)
R233	1-208-887-81 s	RES, CHIP 1.0K (1005)
R234	1-208-927-81 s	RES, CHIP 47K (1005)
R235	1-208-887-81 s	RES, CHIP 1.0K (1005)
R236	1-208-927-81 s	RES, CHIP 47K (1005)
R237	1-208-887-81 s	RES, CHIP 1.0K (1005)
R238	1-208-887-81 s	RES, CHIP 1.0K (1005)
R240	1-208-887-81 s	RES, CHIP 1.0K (1005)
R251	1-220-878-81 s	RES, CHIP 22 (1005)
R252	1-220-878-81 s	RES, CHIP 22 (1005)
R253	1-220-878-81 s	RES, CHIP 22 (1005)
R255	1-208-911-81 s	RES, CHIP 10K (1005)
R257	1-220-870-81 s	RES, CHIP 10 (1005)
R258	1-220-870-81 s	RES, CHIP 10 (1005)
R259	1-220-870-81 s	RES, CHIP 10 (1005)
R260	1-208-887-81 s	RES, CHIP 1.0K (1005)
R261	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R262	1-208-887-81 s	RES, CHIP 1.0K (1005)
R264	1-208-911-81 s	RES, CHIP 10K (1005)
R269	1-208-863-81 s	RES, CHIP 100 (1005)
R278	1-208-863-81 s	RES, CHIP 100 (1005)
R279	1-208-863-81 s	RES, CHIP 100 (1005)
R299	1-208-863-81 s	RES, CHIP 100 (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	1-220-878-81 s	RES, CHIP 22 (1005)
R305	1-220-878-81 s	RES, CHIP 22 (1005)
R306	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R307	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R308	1-220-878-81 s	RES, CHIP 22 (1005)
R309	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R311	1-220-870-81 s	RES, CHIP 10 (1005)
R313	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R314	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R315	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R316	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R317	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R318	1-220-870-81 s	RES, CHIP 10 (1005)
R320	1-220-870-81 s	RES, CHIP 10 (1005)
R321	1-208-927-81 s	RES, CHIP 47K (1005)
R322	1-220-878-81 s	RES, CHIP 22 (1005)
R323	1-220-878-81 s	RES, CHIP 22 (1005)
R324	1-220-878-81 s	RES, CHIP 22 (1005)
R325	1-220-878-81 s	RES, CHIP 22 (1005)
R326	1-220-878-81 s	RES, CHIP 22 (1005)
R327	1-208-911-81 s	RES, CHIP 10K (1005)
R328	1-208-911-81 s	RES, CHIP 10K (1005)
R329	1-208-863-81 s	RES, CHIP 100 (1005)
R331	1-208-911-81 s	RES, CHIP 10K (1005)
R332	1-220-870-81 s	RES, CHIP 10 (1005)
R333	1-208-911-81 s	RES, CHIP 10K (1005)
R334	1-208-911-81 s	RES, CHIP 10K (1005)
R335	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R337	1-208-887-81 s	RES, CHIP 1.0K (1005)
R339	1-208-887-81 s	RES, CHIP 1.0K (1005)
R340	1-208-887-81 s	RES, CHIP 1.0K (1005)
R342	1-208-887-81 s	RES, CHIP 1.0K (1005)
R344	1-208-911-81 s	RES, CHIP 10K (1005)
R345	1-208-911-81 s	RES, CHIP 10K (1005)
R354	1-208-911-81 s	RES, CHIP 10K (1005)
R355	1-208-911-81 s	RES, CHIP 10K (1005)
R356	1-208-911-81 s	RES, CHIP 10K (1005)
R357	1-208-911-81 s	RES, CHIP 10K (1005)
R359	1-220-870-81 s	RES, CHIP 10 (1005)

DRX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R360	1-220-870-81 s	RES, CHIP 10 (1005)
R362	1-220-878-81 s	RES, CHIP 22 (1005)
R366	1-208-887-81 s	RES, CHIP 1.0K (1005)
R367	1-208-887-81 s	RES, CHIP 1.0K (1005)
R368	1-208-887-81 s	RES, CHIP 1.0K (1005)
R369	1-208-887-81 s	RES, CHIP 1.0K (1005)
R370	1-208-911-81 s	RES, CHIP 10K (1005)
R371	1-208-911-81 s	RES, CHIP 10K (1005)
R372	1-208-911-81 s	RES, CHIP 10K (1005)
R373	1-208-911-81 s	RES, CHIP 10K (1005)
R374	1-208-911-81 s	RES, CHIP 10K (1005)
R375	1-208-911-81 s	RES, CHIP 10K (1005)
R376	1-208-911-81 s	RES, CHIP 10K (1005)
R377	1-208-911-81 s	RES, CHIP 10K (1005)
R378	1-208-911-81 s	RES, CHIP 10K (1005)
R379	1-208-911-81 s	RES, CHIP 10K (1005)
R380	1-208-911-81 s	RES, CHIP 10K (1005)
R383	1-208-911-81 s	RES, CHIP 10K (1005)
R386	1-208-911-81 s	RES, CHIP 10K (1005)
R387	1-208-911-81 s	RES, CHIP 10K (1005)
R388	1-208-911-81 s	RES, CHIP 10K (1005)
R389	1-208-911-81 s	RES, CHIP 10K (1005)
R390	1-208-911-81 s	RES, CHIP 10K (1005)
R393	1-208-911-81 s	RES, CHIP 10K (1005)
R394	1-208-911-81 s	RES, CHIP 10K (1005)
R395	1-208-911-81 s	RES, CHIP 10K (1005)
R396	1-208-911-81 s	RES, CHIP 10K (1005)
R397	1-208-911-81 s	RES, CHIP 10K (1005)
R398	1-208-911-81 s	RES, CHIP 10K (1005)
R399	1-208-911-81 s	RES, CHIP 10K (1005)
R400	1-220-878-81 s	RES, CHIP 22 (1005)
R401	1-208-919-81 s	RES, CHIP 22K (1005)
R402	1-208-863-81 s	RES, CHIP 100 (1005)
R403	1-208-887-81 s	RES, CHIP 1.0K (1005)
R404	1-208-863-81 s	RES, CHIP 100 (1005)
R405	1-208-903-81 s	RES, CHIP 4.7K (1005)
R406	1-208-919-81 s	RES, CHIP 22K (1005)
R407	1-208-887-81 s	RES, CHIP 1.0K (1005)
R408	1-208-911-81 s	RES, CHIP 10K (1005)
R411	1-208-911-81 s	RES, CHIP 10K (1005)
R412	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R413	1-208-919-81 s	RES, CHIP 22K (1005)
R414	1-208-911-81 s	RES, CHIP 10K (1005)
R415	1-208-919-81 s	RES, CHIP 22K (1005)
R416	1-208-911-81 s	RES, CHIP 10K (1005)
R417	1-208-919-81 s	RES, CHIP 22K (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	1-208-863-81 s	RES, CHIP 100 (1005)
R423	1-208-863-81 s	RES, CHIP 100 (1005)
R424	1-208-887-81 s	RES, CHIP 1.0K (1005)
R427	1-208-863-81 s	RES, CHIP 100 (1005)
R428	1-208-863-81 s	RES, CHIP 100 (1005)
R429	1-208-863-81 s	RES, CHIP 100 (1005)
R430	1-208-863-81 s	RES, CHIP 100 (1005)
R431	1-208-863-81 s	RES, CHIP 100 (1005)
R432	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R433	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R434	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R435	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R436	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R437	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R438	1-218-990-81 s	CONDUCTOR, CHIP (1005)

DRX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R439	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R440	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R441	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R442	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R443	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R444	1-208-863-81 s	RES, CHIP 100 (1005)
R445	1-208-863-81 s	RES, CHIP 100 (1005)
R446	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R447	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R448	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R449	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R450	1-208-863-81 s	RES, CHIP 100 (1005)
R451	1-208-863-81 s	RES, CHIP 100 (1005)
R452	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R453	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R454	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R455	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R456	1-208-863-81 s	RES, CHIP 100 (1005)
R457	1-208-863-81 s	RES, CHIP 100 (1005)
R458	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R459	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R460	1-208-863-81 s	RES, CHIP 100 (1005)
R461	1-208-863-81 s	RES, CHIP 100 (1005)
R462	1-208-863-81 s	RES, CHIP 100 (1005)
R463	1-208-863-81 s	RES, CHIP 100 (1005)
R464	1-208-863-81 s	RES, CHIP 100 (1005)
R465	1-208-919-81 s	RES, CHIP 22K (1005)
R466	1-208-919-81 s	RES, CHIP 22K (1005)
R469	1-208-863-81 s	RES, CHIP 100 (1005)
R470	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R471	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R472	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R473	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R474	1-208-863-81 s	RES, CHIP 100 (1005)
R475	1-208-863-81 s	RES, CHIP 100 (1005)
R502	1-220-870-81 s	RES, CHIP 10 (1005)
R503	1-208-879-81 s	RES, CHIP 470 (1005)
R504	1-208-895-81 s	RES, CHIP 2.2K (1005)
R505	1-220-878-81 s	RES, CHIP 22 (1005)
R506	1-220-878-81 s	RES, CHIP 22 (1005)
R507	1-220-878-81 s	RES, CHIP 22 (1005)
R508	1-220-878-81 s	RES, CHIP 22 (1005)
R509	1-220-878-81 s	RES, CHIP 22 (1005)
R510	1-220-878-81 s	RES, CHIP 22 (1005)
R514	1-208-863-81 s	RES, CHIP 100 (1005)
R515	1-208-863-81 s	RES, CHIP 100 (1005)
R516	1-208-863-81 s	RES, CHIP 100 (1005)
R517	1-208-863-81 s	RES, CHIP 100 (1005)
R518	1-208-863-81 s	RES, CHIP 100 (1005)
R519	1-208-911-81 s	RES, CHIP 10K (1005)
R520	1-208-919-81 s	RES, CHIP 22K (1005)
R521	1-220-870-81 s	RES, CHIP 10 (1005)
R522	1-220-870-81 s	RES, CHIP 10 (1005)
R523	1-208-895-81 s	RES, CHIP 2.2K (1005)
R524	1-208-895-81 s	RES, CHIP 2.2K (1005)
R526	1-208-911-81 s	RES, CHIP 10K (1005)
R527	1-208-891-81 s	RES, CHIP 1.5K (1005)
R528	1-208-959-81 s	RES, CHIP 1M (1005)
R529	1-208-927-81 s	RES, CHIP 47K (1005)
R530	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R531	1-208-927-81 s	RES, CHIP 47K (1005)
R532	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R533	1-208-927-81 s	RES, CHIP 47K (1005)
R534	1-208-927-81 s	RES, CHIP 47K (1005)
R535	1-208-887-81 s	RES, CHIP 1.0K (1005)

DRX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R536	1-208-887-81 s	RES, CHIP 1.0K (1005)
R537	1-208-911-81 s	RES, CHIP 10K (1005)
R538	1-208-863-81 s	RES, CHIP 100 (1005)
R539	1-208-911-81 s	RES, CHIP 10K (1005)
R540	1-208-911-81 s	RES, CHIP 10K (1005)
R541	1-208-919-81 s	RES, CHIP 22K (1005)
R542	1-208-911-81 s	RES, CHIP 10K (1005)
R543	1-208-911-81 s	RES, CHIP 10K (1005)
R544	1-208-919-81 s	RES, CHIP 22K (1005)
R545	1-220-870-81 s	RES, CHIP 10 (1005)
R546	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R547	1-220-870-81 s	RES, CHIP 10 (1005)
R548	1-208-919-81 s	RES, CHIP 22K (1005)
R549	1-220-874-81 s	RES, CHIP 15 (1005)
R550	1-208-899-81 s	RES, CHIP 3.3K (1005)
R551	1-220-878-81 s	RES, CHIP 22 (1005)
R552	1-208-915-81 s	RES, CHIP 15K (1005)
R553	1-220-878-81 s	RES, CHIP 22 (1005)
R554	1-208-899-81 s	RES, CHIP 3.3K (1005)
R555	1-208-915-81 s	RES, CHIP 15K (1005)
R556	1-220-870-81 s	RES, CHIP 10 (1005)
R558	1-208-899-81 s	RES, CHIP 3.3K (1005)
R559	1-208-895-81 s	RES, CHIP 2.2K (1005)
R560	1-208-875-81 s	RES, CHIP 330 (1005)
R561	1-208-879-81 s	RES, CHIP 470 (1005)
R562	1-208-883-81 s	RES, CHIP 680 (1005)
R563	1-220-878-81 s	RES, CHIP 22 (1005)
R564	1-208-919-81 s	RES, CHIP 22K (1005)
R565	1-208-887-81 s	RES, CHIP 1.0K (1005)
R566	1-208-871-81 s	RES, CHIP 220 (1005)
R567	1-208-871-81 s	RES, CHIP 220 (1005)
R568	1-208-855-81 s	RES, CHIP 47 (1005)
R569	1-208-855-81 s	RES, CHIP 47 (1005)
R570	1-208-883-81 s	RES, CHIP 680 (1005)
R572	1-208-859-81 s	RES, CHIP 68 (1005)
R573	1-208-883-81 s	RES, CHIP 680 (1005)
R575	1-208-887-81 s	RES, CHIP 1.0K (1005)
R576	1-208-855-81 s	RES, CHIP 47 (1005)
R577	1-208-863-81 s	RES, CHIP 100 (1005)
R578	1-208-927-81 s	RES, CHIP 47K (1005)
R579	1-208-927-81 s	RES, CHIP 47K (1005)
R580	1-208-863-81 s	RES, CHIP 100 (1005)
R581	1-208-879-81 s	RES, CHIP 470 (1005)
R582	1-208-883-81 s	RES, CHIP 680 (1005)
R583	1-220-878-81 s	RES, CHIP 22 (1005)
R584	1-208-919-81 s	RES, CHIP 22K (1005)
R585	1-208-887-81 s	RES, CHIP 1.0K (1005)
R586	1-208-871-81 s	RES, CHIP 220 (1005)
R587	1-208-871-81 s	RES, CHIP 220 (1005)
R588	1-220-878-81 s	RES, CHIP 22 (1005)
R589	1-220-878-81 s	RES, CHIP 22 (1005)
R590	1-208-863-81 s	RES, CHIP 100 (1005)
R601	1-208-855-81 s	RES, CHIP 47 (1005)
R602	1-208-855-81 s	RES, CHIP 47 (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	1-220-878-81 s	RES, CHIP 22 (1005)
R640	1-208-855-81 s	RES, CHIP 47 (1005)
R641	1-208-855-81 s	RES, CHIP 47 (1005)
R642	1-220-878-81 s	RES, CHIP 22 (1005)
R643	1-220-878-81 s	RES, CHIP 22 (1005)
R644	1-220-878-81 s	RES, CHIP 22 (1005)

DRX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
THP3	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP5	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP20	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP21	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP40	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP41	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP60	△ 1-804-616-21 s	THERMISTOR, POSITIVE
TP501	1-535-877-22 s	CHIP, CHECKER
X541	1-795-670-12 s	OSCILLATOR, CRYSTAL (VCXO)3.3V
X542	1-795-671-12 s	OSCILLATOR, CRYSTAL (VCXO)3.3V

DTX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1856-355-A s	MOUNTED CIRCUIT BOARD, DTX-9
4pcs	7-682-947-01 s	SCREW +PSW 3X6
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C104	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C105	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C106	1-116-346-11 s	CAP, ELECT 47MF 105
C107	1-116-346-11 s	CAP, ELECT 47MF 105
C108	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C109	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C110	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C111	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
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	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C115	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C116	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C117	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C118	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C119	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C120	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C121	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C122	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C123	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C124	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C125	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C126	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C127	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C128	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C129	1-116-346-11 s	CAP, ELECT 47MF 105
C130	1-116-346-11 s	CAP, ELECT 47MF 105
C131	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C132	1-116-346-11 s	CAP, ELECT 47MF 105
C133	1-116-346-11 s	CAP, ELECT 47MF 105
C134	1-116-346-11 s	CAP, ELECT 47MF 105
C135	1-116-346-11 s	CAP, ELECT 47MF 105
C136	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C137	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C138	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C139	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C140	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C141	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C142	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C143	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C144	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005

DTX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C145	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C146	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C147	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C148	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C149	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C150	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C151	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C152	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C153	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C154	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C155	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C156	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C157	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C158	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C159	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C160	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C161	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C162	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C163	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C164	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C165	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C166	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C171	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C172	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C173	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C174	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C175	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C176	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C177	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C179	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C201	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C202	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C203	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C204	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C207	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C208	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C209	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C210	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C211	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C212	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C213	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C214	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C215	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C216	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C217	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C218	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C219	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C220	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C221	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C222	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C223	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C224	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C225	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C226	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C227	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C301	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C302	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C303	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C304	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C305	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C306	1-164-843-81 s	CAP, CHIP CERAMIC 3PF CJ 1005

[illegible]

Ref. No. or Q'ty	Part No.	SP Description
C873	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C875	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C877	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C878	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C879	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C880	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C881	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C882	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C883	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C884	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C885	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C886	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C887	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C888	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C889	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C890	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C891	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C892	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C893	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C894	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C895	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C896	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C899	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	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C905	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C906	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C907	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C908	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C909	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C910	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C911	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C912	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C913	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C914	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C915	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C916	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C917	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
CN801	1-770-627-21 s	PIN, CONNECTOR 10P
D101	8-719-083-60 s	DI UDZSUSTE-174.7B
D102	8-719-083-60 s	DI UDZSUSTE-174.7B
D103	6-502-197-01 s	DI SML-D12M8WT86SM
D601	6-500-697-01 s	DI UDZSUSTE-173.3B
D801	6-502-598-01 s	DI SML-D12U8WT86
E101	1-535-877-22 s	CHIP, CHECKER
E102	1-535-877-22 s	CHIP, CHECKER
E103	1-535-877-22 s	CHIP, CHECKER
E104	1-535-877-22 s	CHIP, CHECKER
E105	1-535-877-22 s	CHIP, CHECKER
E106	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	1-469-094-21 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	1-414-864-21 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	1-469-094-21 s	FERRITE, EMI (SMD) (1608)

DTX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
FB112	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB113	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB114	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB115	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB301	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB302	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB303	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB501	1-481-195-21 s	FERRITE, EMI (SMD)
FB502	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB503	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB504	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB601	1-481-195-21 s	FERRITE, EMI (SMD)
FB602	1-481-195-21 s	FERRITE, EMI (SMD)
FB801	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB802	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FL302	1-233-345-21 s	FILTER, LOW PASS (5.5MHZ)
FL352	1-233-345-21 s	FILTER, LOW PASS (5.5MHZ)
IC101	8-759-327-01 s	IC NJM062V (TE2)
IC102	8-759-327-01 s	IC NJM062V (TE2)
IC103	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC104	6-713-169-01 s	IC LTC3412AEFE#TR
IC105	6-706-220-01 s	IC LTC3411EMS#TR
IC106	6-712-135-01 o	IC R1173H001D-T1-F
IC107	6-712-135-01 o	IC R1173H001D-T1-F
IC108	6-712-135-01 o	IC R1173H001D-T1-F
IC109	8-759-346-27 s	IC LM45BIM3X
IC110	8-759-338-95 s	IC NJM2903V (TE2)
IC111	8-759-338-95 s	IC NJM2903V (TE2)
IC201	6-718-382-01 s	IC ML86V76653TBZ03A-7
IC202	8-759-592-47 s	IC TC7S208FU (TE85R)
IC301	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC302	6-704-489-01 s	IC AD9283BRSZ-RL80
IC303	8-759-672-76 s	IC AK9813BF-E2
IC351	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC352	6-704-489-01 s	IC AD9283BRSZ-RL80
IC401	8-759-592-47 s	IC TC7S208FU (TE85R)
IC402	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC403	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC404	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC405	6-707-855-01 s	IC TC74LCX574FT (EKJ)
IC406	6-713-799-01 s	IC BU7122KV-E2
IC409	8-759-592-47 s	IC TC7S208FU (TE85R)
IC410	8-759-592-47 s	IC TC7S208FU (TE85R)
IC412	6-706-488-01 s	IC TC7SH14FU
IC413	6-706-488-01 s	IC TC7SH14FU
IC501	6-703-875-01 s	IC CDCVF2505PWR
IC502	6-707-839-01 s	IC TC74LCX04FT (EKJ)
IC504	6-707-855-01 s	IC TC74LCX574FT (EKJ)
IC505	6-702-535-01 s	IC MC100LVEL11DTR2
IC506	6-702-535-01 s	IC MC100LVEL11DTR2
IC507	6-702-535-01 s	IC MC100LVEL11DTR2
IC508	6-709-647-01 s	IC TLC2932AIPWR
IC509	8-759-669-66 s	IC TLC272CPWR-12
IC510	6-706-484-01 s	IC TC7SH04FU
IC511	8-759-592-48 s	IC TC7S232FU (TE85R)
IC512	6-704-030-01 s	IC TC7SA04FU (TE85R)
IC513	6-704-030-01 s	IC TC7SA04FU (TE85R)
IC701	6-713-805-01 s	IC W9812G2IH-6-ER10
IC702	6-713-805-01 s	IC W9812G2IH-6-ER10
IC703	6-713-805-01 s	IC W9812G2IH-6-ER10
IC704	6-713-805-01 s	IC W9812G2IH-6-ER10
IC801	6-702-879-01 s	IC R3112N281A-TR-FA
IC802	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC803	6-706-489-01 s	IC TC7SH32FU

DTX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC804	8-759-592-47 s	IC TC7S208FU (TE85R)
IC805	8-759-592-47 s	IC TC7S208FU (TE85R)
IC807	6-706-489-01 s	IC TC7SH32FU
IC808	6-706-484-01 s	IC TC7SH04FU
IC809	6-706-489-01 s	IC TC7SH32FU
IC810	6-707-843-01 s	IC TC74LCX125FT (EKJ)
L101	1-419-630-21 s	COIL, CHOKE 4.7UH
L102	1-457-372-21 s	COIL, CHOKE 1UH
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
L301	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L302	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L303	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L304	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L305	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L306	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L351	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L352	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L353	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L354	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L355	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L356	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L501	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L601	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L602	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L603	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L701	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L702	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L703	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L704	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L801	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L802	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L803	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L804	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L805	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L806	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L807	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L808	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L809	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L810	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
Q101	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q102	6-550-632-01 s	TRANSISTOR 2SC4672-T100-Q
Q103	8-729-035-99 s	TRANSISTOR 2SA1615-Z-E2
Q104	8-729-035-99 s	TRANSISTOR 2SA1615-Z-E2
Q105	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q106	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q109	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q201	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q202	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q301	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q302	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q303	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q304	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q305	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q306	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q307	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q308	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q309	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q310	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q311	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q312	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR

DTX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q351	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q352	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q353	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q601	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q602	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q603	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q604	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q801	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
R101	1-208-863-81 s	RES, CHIP 100 (1005)
R102	1-208-871-81 s	RES, CHIP 220 (1005)
R103	1-208-863-81 s	RES, CHIP 100 (1005)
R104	1-208-871-81 s	RES, CHIP 220 (1005)
R105	1-208-871-81 s	RES, CHIP 220 (1005)
R106	1-208-871-81 s	RES, CHIP 220 (1005)
R107	1-208-871-81 s	RES, CHIP 220 (1005)
R108	1-208-871-81 s	RES, CHIP 220 (1005)
R109	1-208-923-81 s	RES, CHIP 33K (1005)
R110	1-208-927-81 s	RES, CHIP 47K (1005)
R111	1-208-923-81 s	RES, CHIP 33K (1005)
R112	1-208-923-81 s	RES, CHIP 33K (1005)
R113	1-208-923-81 s	RES, CHIP 33K (1005)
R114	1-208-923-81 s	RES, CHIP 33K (1005)
R115	1-208-923-81 s	RES, CHIP 33K (1005)
R116	1-208-931-81 s	RES, CHIP 68K (1005)
R117	1-208-931-81 s	RES, CHIP 68K (1005)
R118	1-208-919-81 s	RES, CHIP 22K (1005)
R119	1-208-911-81 s	RES, CHIP 10K (1005)
R120	1-208-923-81 s	RES, CHIP 33K (1005)
R122	1-208-911-81 s	RES, CHIP 10K (1005)
R124	1-208-919-81 s	RES, CHIP 22K (1005)
R125	1-220-804-81 s	RES, CHIP 2.2M
R126	1-208-919-81 s	RES, CHIP 22K (1005)
R127	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R128	1-243-975-81 s	RES, CHIP 4.7M (1005)
R129	1-208-943-81 s	RES, CHIP 220K (1005)
R130	1-208-935-81 s	RES, CHIP 100K (1005)
R131	1-208-943-81 s	RES, CHIP 220K (1005)
R132	1-208-919-81 s	RES, CHIP 22K (1005)
R133	1-208-959-81 s	RES, CHIP 1M (1005)
R134	1-208-959-81 s	RES, CHIP 1M (1005)
R135	1-243-975-81 s	RES, CHIP 4.7M (1005)
R136	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R137	1-208-927-81 s	RES, CHIP 47K (1005)
R138	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R139	1-208-927-81 s	RES, CHIP 47K (1005)
R140	1-208-895-81 s	RES, CHIP 2.2K (1005)
R141	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R142	1-208-891-81 s	RES, CHIP 1.5K (1005)
R143	1-208-903-81 s	RES, CHIP 4.7K (1005)
R144	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R145	1-208-887-81 s	RES, CHIP 1.0K (1005)
R146	1-208-911-81 s	RES, CHIP 10K (1005)
R147	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R148	1-208-911-81 s	RES, CHIP 10K (1005)
R149	1-208-911-81 s	RES, CHIP 10K (1005)
R150	1-208-911-81 s	RES, CHIP 10K (1005)
R151	1-208-899-81 s	RES, CHIP 3.3K (1005)
R152	1-208-903-81 s	RES, CHIP 4.7K (1005)
R153	1-208-911-81 s	RES, CHIP 10K (1005)
R157	1-208-863-81 s	RES, CHIP 100 (1005)
R159	1-208-923-81 s	RES, CHIP 33K (1005)
R160	1-208-903-81 s	RES, CHIP 4.7K (1005)
R161	1-208-903-81 s	RES, CHIP 4.7K (1005)
R162	1-208-927-81 s	RES, CHIP 47K (1005)
R163	1-208-927-81 s	RES, CHIP 47K (1005)

DTX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R164	1-208-907-81 s	RES, CHIP 6.8K (1005)
R165	1-208-915-81 s	RES, CHIP 15K (1005)
R166	1-208-907-81 s	RES, CHIP 6.8K (1005)
R167	1-208-907-81 s	RES, CHIP 6.8K (1005)
R168	1-208-907-81 s	RES, CHIP 6.8K (1005)
R169	1-208-895-81 s	RES, CHIP 2.2K (1005)
R170	1-208-907-81 s	RES, CHIP 6.8K (1005)
R171	1-208-915-81 s	RES, CHIP 15K (1005)
R172	1-208-879-81 s	RES, CHIP 470 (1005)
R173	1-208-907-81 s	RES, CHIP 6.8K (1005)
R174	1-208-907-81 s	RES, CHIP 6.8K (1005)
R175	1-208-887-81 s	RES, CHIP 1.0K (1005)
R176	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R177	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R178	1-208-895-81 s	RES, CHIP 2.2K (1005)
R179	1-208-911-81 s	RES, CHIP 10K (1005)
R180	1-208-919-81 s	RES, CHIP 22K (1005)
R181	1-208-911-81 s	RES, CHIP 10K (1005)
R201	1-208-855-81 s	RES, CHIP 47 (1005)
R202	1-220-803-81 s	RES, CHIP 4.7
R203	1-208-863-81 s	RES, CHIP 100 (1005)
R204	1-208-903-81 s	RES, CHIP 4.7K (1005)
R205	1-208-863-81 s	RES, CHIP 100 (1005)
R206	1-208-891-81 s	RES, CHIP 1.5K (1005)
R207	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R208	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R215	1-208-935-81 s	RES, CHIP 100K (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	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R223	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R224	1-208-911-81 s	RES, CHIP 10K (1005)
R225	1-208-911-81 s	RES, CHIP 10K (1005)
R226	1-208-855-81 s	RES, CHIP 47 (1005)
R228	1-220-870-81 s	RES, CHIP 10 (1005)
R297	1-208-891-81 s	RES, CHIP 1.5K (1005)
R298	1-208-891-81 s	RES, CHIP 1.5K (1005)
R299	1-208-891-81 s	RES, CHIP 1.5K (1005)
R300	1-208-891-81 s	RES, CHIP 1.5K (1005)
R301	1-208-875-81 s	RES, CHIP 330 (1005)
R302	1-208-863-81 s	RES, CHIP 100 (1005)
R303	1-208-863-81 s	RES, CHIP 100 (1005)
R304	1-208-891-81 s	RES, CHIP 1.5K (1005)
R305	1-208-935-81 s	RES, CHIP 100K (1005)
R306	1-208-887-81 s	RES, CHIP 1.0K (1005)
R307	1-208-915-81 s	RES, CHIP 15K (1005)
R308	1-208-895-81 s	RES, CHIP 2.2K (1005)
R309	1-208-919-81 s	RES, CHIP 22K (1005)
R310	1-208-907-81 s	RES, CHIP 6.8K (1005)
R311	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R312	1-208-891-81 s	RES, CHIP 1.5K (1005)
R313	1-208-887-81 s	RES, CHIP 1.0K (1005)
R314	1-208-887-81 s	RES, CHIP 1.0K (1005)
R315	1-208-871-81 s	RES, CHIP 220 (1005)
R316	1-208-907-81 s	RES, CHIP 6.8K (1005)
R317	1-208-895-81 s	RES, CHIP 2.2K (1005)
R318	1-208-887-81 s	RES, CHIP 1.0K (1005)
R319	1-208-891-81 s	RES, CHIP 1.5K (1005)
R320	1-208-919-81 s	RES, CHIP 22K (1005)
R321	1-208-895-81 s	RES, CHIP 2.2K (1005)
R322	1-208-875-81 s	RES, CHIP 330 (1005)

DTX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R323	1-208-887-81 s	RES, CHIP 1.0K (1005)
R324	1-208-903-81 s	RES, CHIP 4.7K (1005)
R325	1-208-879-81 s	RES, CHIP 470 (1005)
R326	1-208-887-81 s	RES, CHIP 1.0K (1005)
R327	1-220-878-81 s	RES, CHIP 22 (1005)
R328	1-208-855-81 s	RES, CHIP 47 (1005)
R330	1-208-903-81 s	RES, CHIP 4.7K (1005)
R331	1-208-903-81 s	RES, CHIP 4.7K (1005)
R332	1-208-887-81 s	RES, CHIP 1.0K (1005)
R333	1-208-855-81 s	RES, CHIP 47 (1005)
R334	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R335	1-208-863-81 s	RES, CHIP 100 (1005)
R337	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R338	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R339	1-208-927-81 s	RES, CHIP 47K (1005)
R340	1-208-863-81 s	RES, CHIP 100 (1005)
R341	1-208-903-81 s	RES, CHIP 4.7K (1005)
R342	1-208-899-81 s	RES, CHIP 3.3K (1005)
R343	1-208-911-81 s	RES, CHIP 10K (1005)
R344	1-208-863-81 s	RES, CHIP 100 (1005)
R345	1-208-903-81 s	RES, CHIP 4.7K (1005)
R346	1-208-899-81 s	RES, CHIP 3.3K (1005)
R347	1-208-911-81 s	RES, CHIP 10K (1005)
R348	1-208-863-81 s	RES, CHIP 100 (1005)
R349	1-208-863-81 s	RES, CHIP 100 (1005)
R350	1-208-891-81 s	RES, CHIP 1.5K (1005)
R351	1-208-875-81 s	RES, CHIP 330 (1005)
R352	1-208-863-81 s	RES, CHIP 100 (1005)
R353	1-208-863-81 s	RES, CHIP 100 (1005)
R354	1-208-891-81 s	RES, CHIP 1.5K (1005)
R355	1-208-935-81 s	RES, CHIP 100K (1005)
R356	1-208-887-81 s	RES, CHIP 1.0K (1005)
R357	1-208-915-81 s	RES, CHIP 15K (1005)
R358	1-208-895-81 s	RES, CHIP 2.2K (1005)
R359	1-208-919-81 s	RES, CHIP 22K (1005)
R360	1-208-907-81 s	RES, CHIP 6.8K (1005)
R361	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R362	1-208-891-81 s	RES, CHIP 1.5K (1005)
R363	1-208-887-81 s	RES, CHIP 1.0K (1005)
R364	1-208-887-81 s	RES, CHIP 1.0K (1005)
R365	1-208-871-81 s	RES, CHIP 220 (1005)
R366	1-208-907-81 s	RES, CHIP 6.8K (1005)
R367	1-208-895-81 s	RES, CHIP 2.2K (1005)
R368	1-208-887-81 s	RES, CHIP 1.0K (1005)
R369	1-208-891-81 s	RES, CHIP 1.5K (1005)
R370	1-208-919-81 s	RES, CHIP 22K (1005)
R371	1-208-895-81 s	RES, CHIP 2.2K (1005)
R372	1-208-875-81 s	RES, CHIP 330 (1005)
R373	1-208-887-81 s	RES, CHIP 1.0K (1005)
R374	1-208-903-81 s	RES, CHIP 4.7K (1005)
R375	1-208-879-81 s	RES, CHIP 470 (1005)
R376	1-208-887-81 s	RES, CHIP 1.0K (1005)
R377	1-220-878-81 s	RES, CHIP 22 (1005)
R378	1-208-855-81 s	RES, CHIP 47 (1005)
R380	1-208-903-81 s	RES, CHIP 4.7K (1005)
R381	1-208-903-81 s	RES, CHIP 4.7K (1005)
R382	1-208-887-81 s	RES, CHIP 1.0K (1005)
R383	1-208-855-81 s	RES, CHIP 47 (1005)
R384	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R385	1-208-863-81 s	RES, CHIP 100 (1005)
R387	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R388	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R389	1-208-927-81 s	RES, CHIP 47K (1005)
R390	1-208-927-81 s	RES, CHIP 47K (1005)
R391	1-208-935-81 s	RES, CHIP 100K (1005)

DTX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R392	1-208-935-81 s	RES, CHIP 100K (1005)
R393	1-208-911-81 s	RES, CHIP 10K (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)
R398	1-208-863-81 s	RES, CHIP 100 (1005)
R399	1-208-863-81 s	RES, CHIP 100 (1005)
R401	1-220-870-81 s	RES, CHIP 10 (1005)
R402	1-208-911-81 s	RES, CHIP 10K (1005)
R404	1-220-878-81 s	RES, CHIP 22 (1005)
R405	1-208-855-81 s	RES, CHIP 47 (1005)
R406	1-208-855-81 s	RES, CHIP 47 (1005)
R407	1-208-863-81 s	RES, CHIP 100 (1005)
R408	1-220-870-81 s	RES, CHIP 10 (1005)
R409	1-208-863-81 s	RES, CHIP 100 (1005)
R410	1-220-878-81 s	RES, CHIP 22 (1005)
R411	1-208-871-81 s	RES, CHIP 220 (1005)
R412	1-208-863-81 s	RES, CHIP 100 (1005)
R413	1-208-863-81 s	RES, CHIP 100 (1005)
R414	1-208-887-81 s	RES, CHIP 1.0K (1005)
R415	1-208-863-81 s	RES, CHIP 100 (1005)
R416	1-208-863-81 s	RES, CHIP 100 (1005)
R417	1-208-863-81 s	RES, CHIP 100 (1005)
R418	1-208-863-81 s	RES, CHIP 100 (1005)
R419	1-208-887-81 s	RES, CHIP 1.0K (1005)
R420	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R422	1-220-878-81 s	RES, CHIP 22 (1005)
R423	1-220-878-81 s	RES, CHIP 22 (1005)
R426	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R427	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R428	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R429	1-208-911-81 s	RES, CHIP 10K (1005)
R430	1-208-911-81 s	RES, CHIP 10K (1005)
R432	1-208-887-81 s	RES, CHIP 1.0K (1005)
R433	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R434	1-208-887-81 s	RES, CHIP 1.0K (1005)
R435	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R436	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R437	1-208-863-81 s	RES, CHIP 100 (1005)
R438	1-208-887-81 s	RES, CHIP 1.0K (1005)
R439	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R440	1-208-927-81 s	RES, CHIP 47K (1005)
R442	1-208-927-81 s	RES, CHIP 47K (1005)
R443	1-208-927-81 s	RES, CHIP 47K (1005)
R445	1-208-887-81 s	RES, CHIP 1.0K (1005)
R447	1-208-887-81 s	RES, CHIP 1.0K (1005)
R448	1-208-887-81 s	RES, CHIP 1.0K (1005)
R460	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R462	1-208-935-81 s	RES, CHIP 100K (1005)
R466	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R468	1-208-935-81 s	RES, CHIP 100K (1005)
R469	1-208-935-81 s	RES, CHIP 100K (1005)
R471	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R473	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R474	1-220-870-81 s	RES, CHIP 10 (1005)
R475	1-208-911-81 s	RES, CHIP 10K (1005)
R476	1-208-863-81 s	RES, CHIP 100 (1005)
R477	1-208-863-81 s	RES, CHIP 100 (1005)
R478	1-208-911-81 s	RES, CHIP 10K (1005)
R479	1-208-911-81 s	RES, CHIP 10K (1005)
R480	1-208-935-81 s	RES, CHIP 100K (1005)
R481	1-208-935-81 s	RES, CHIP 100K (1005)
R482	1-208-863-81 s	RES, CHIP 100 (1005)
R483	1-208-863-81 s	RES, CHIP 100 (1005)
R502	1-220-870-81 s	RES, CHIP 10 (1005)

DTX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R503	1-208-863-81 s	RES, CHIP 100 (1005)
R508	1-208-895-81 s	RES, CHIP 2.2K (1005)
R509	1-208-911-81 s	RES, CHIP 10K (1005)
R510	1-208-911-81 s	RES, CHIP 10K (1005)
R513	1-208-863-81 s	RES, CHIP 100 (1005)
R514	1-220-870-81 s	RES, CHIP 10 (1005)
R516	1-208-863-81 s	RES, CHIP 100 (1005)
R517	1-208-863-81 s	RES, CHIP 100 (1005)
R518	1-220-870-81 s	RES, CHIP 10 (1005)
R524	1-208-855-81 s	RES, CHIP 47 (1005)
R525	1-208-855-81 s	RES, CHIP 47 (1005)
R529	1-208-911-81 s	RES, CHIP 10K (1005)
R530	1-208-911-81 s	RES, CHIP 10K (1005)
R531	1-208-911-81 s	RES, CHIP 10K (1005)
R532	1-208-911-81 s	RES, CHIP 10K (1005)
R533	1-208-911-81 s	RES, CHIP 10K (1005)
R534	1-208-911-81 s	RES, CHIP 10K (1005)
R535	1-208-911-81 s	RES, CHIP 10K (1005)
R536	1-208-911-81 s	RES, CHIP 10K (1005)
R537	1-208-911-81 s	RES, CHIP 10K (1005)
R538	1-208-911-81 s	RES, CHIP 10K (1005)
R539	1-208-879-81 s	RES, CHIP 470 (1005)
R540	1-208-883-81 s	RES, CHIP 680 (1005)
R541	1-208-879-81 s	RES, CHIP 470 (1005)
R542	1-208-883-81 s	RES, CHIP 680 (1005)
R543	1-208-887-81 s	RES, CHIP 1.0K (1005)
R544	1-208-887-81 s	RES, CHIP 1.0K (1005)
R545	1-208-887-81 s	RES, CHIP 1.0K (1005)
R546	1-208-887-81 s	RES, CHIP 1.0K (1005)
R547	1-208-887-81 s	RES, CHIP 1.0K (1005)
R548	1-208-887-81 s	RES, CHIP 1.0K (1005)
R549	1-208-871-81 s	RES, CHIP 220 (1005)
R550	1-208-871-81 s	RES, CHIP 220 (1005)
R551	1-208-871-81 s	RES, CHIP 220 (1005)
R552	1-208-871-81 s	RES, CHIP 220 (1005)
R553	1-208-863-81 s	RES, CHIP 100 (1005)
R554	1-208-863-81 s	RES, CHIP 100 (1005)
R555	1-208-863-81 s	RES, CHIP 100 (1005)
R557	1-208-887-81 s	RES, CHIP 1.0K (1005)
R561	1-208-911-81 s	RES, CHIP 10K (1005)
R562	1-208-911-81 s	RES, CHIP 10K (1005)
R563	1-208-887-81 s	RES, CHIP 1.0K (1005)
R564	1-208-879-81 s	RES, CHIP 470 (1005)
R565	1-208-883-81 s	RES, CHIP 680 (1005)
R566	1-208-887-81 s	RES, CHIP 1.0K (1005)
R567	1-208-887-81 s	RES, CHIP 1.0K (1005)
R568	1-208-887-81 s	RES, CHIP 1.0K (1005)
R569	1-220-870-81 s	RES, CHIP 10 (1005)
R570	1-220-878-81 s	RES, CHIP 22 (1005)
R571	1-220-878-81 s	RES, CHIP 22 (1005)
R572	1-208-895-81 s	RES, CHIP 2.2K (1005)
R574	1-220-870-81 s	RES, CHIP 10 (1005)
R576	1-208-863-81 s	RES, CHIP 100 (1005)
R577	1-208-863-81 s	RES, CHIP 100 (1005)
R578	1-208-863-81 s	RES, CHIP 100 (1005)
R579	1-208-863-81 s	RES, CHIP 100 (1005)
R580	1-208-863-81 s	RES, CHIP 100 (1005)
R581	1-220-878-81 s	RES, CHIP 22 (1005)
R582	1-220-878-81 s	RES, CHIP 22 (1005)
R583	1-220-870-81 s	RES, CHIP 10 (1005)
R584	1-208-863-81 s	RES, CHIP 100 (1005)
R585	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R586	1-208-871-81 s	RES, CHIP 220 (1005)
R587	1-208-871-81 s	RES, CHIP 220 (1005)
R588	1-208-863-81 s	RES, CHIP 100 (1005)

DTX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R589	1-208-855-81 s	RES, CHIP 47 (1005)
R590	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R591	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R592	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R593	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R594	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R595	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R596	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R597	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R598	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R599	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R600	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R601	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R602	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R603	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R604	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R605	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R606	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R607	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R608	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R609	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R610	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R611	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R612	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R613	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R614	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R616	1-220-870-81 s	RES, CHIP 10 (1005)
R617	1-220-870-81 s	RES, CHIP 10 (1005)
R618	1-208-895-81 s	RES, CHIP 2.2K (1005)
R619	1-208-895-81 s	RES, CHIP 2.2K (1005)
R621	1-208-911-81 s	RES, CHIP 10K (1005)
R622	1-208-891-81 s	RES, CHIP 1.5K (1005)
R623	1-208-959-81 s	RES, CHIP 1M (1005)
R624	1-208-927-81 s	RES, CHIP 47K (1005)
R625	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R626	1-208-927-81 s	RES, CHIP 47K (1005)
R627	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R628	1-208-887-81 s	RES, CHIP 1.0K (1005)
R629	1-208-887-81 s	RES, CHIP 1.0K (1005)
R630	1-208-911-81 s	RES, CHIP 10K (1005)
R631	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	1-208-919-81 s	RES, CHIP 22K (1005)
R635	1-208-919-81 s	RES, CHIP 22K (1005)
R636	1-220-870-81 s	RES, CHIP 10 (1005)
R637	1-220-870-81 s	RES, CHIP 10 (1005)
R638	1-220-870-81 s	RES, CHIP 10 (1005)
R639	1-220-870-81 s	RES, CHIP 10 (1005)
R640	1-220-870-81 s	RES, CHIP 10 (1005)
R641	1-220-870-81 s	RES, CHIP 10 (1005)
R642	1-208-911-81 s	RES, CHIP 10K (1005)
R643	1-208-911-81 s	RES, CHIP 10K (1005)
R701	1-208-855-81 s	RES, CHIP 47 (1005)
R702	1-208-855-81 s	RES, CHIP 47 (1005)
R703	1-218-929-81 s	RES, CHIP 10
R704	1-218-929-81 s	RES, CHIP 10
R705	1-208-855-81 s	RES, CHIP 47 (1005)
R707	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R708	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R709	1-218-929-81 s	RES, CHIP 10
R710	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R711	1-208-855-81 s	RES, CHIP 47 (1005)
R712	1-208-855-81 s	RES, CHIP 47 (1005)
R713	1-218-929-81 s	RES, CHIP 10

DTX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R714	1-218-929-81 s	RES, CHIP 10
R715	1-208-855-81 s	RES, CHIP 47 (1005)
R717	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R718	1-208-863-81 s	RES, CHIP 100 (1005)
R719	1-218-929-81 s	RES, CHIP 10
R720	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R802	1-208-863-81 s	RES, CHIP 100 (1005)
R803	1-220-870-81 s	RES, CHIP 10 (1005)
R804	1-208-911-81 s	RES, CHIP 10K (1005)
R805	1-208-911-81 s	RES, CHIP 10K (1005)
R806	1-220-878-81 s	RES, CHIP 22 (1005)
R807	1-220-878-81 s	RES, CHIP 22 (1005)
R808	1-220-878-81 s	RES, CHIP 22 (1005)
R809	1-220-878-81 s	RES, CHIP 22 (1005)
R810	1-220-870-81 s	RES, CHIP 10 (1005)
R811	1-208-911-81 s	RES, CHIP 10K (1005)
R812	1-220-870-81 s	RES, CHIP 10 (1005)
R814	1-208-863-81 s	RES, CHIP 100 (1005)
R815	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R816	1-208-887-81 s	RES, CHIP 1.0K (1005)
R818	1-208-887-81 s	RES, CHIP 1.0K (1005)
R820	1-208-887-81 s	RES, CHIP 1.0K (1005)
R821	1-208-887-81 s	RES, CHIP 1.0K (1005)
R823	1-208-887-81 s	RES, CHIP 1.0K (1005)
R825	1-218-990-81 s	CONDUCTOR, CHIP (1005)
RB201	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB202	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB203	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB301	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB302	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB351	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB352	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB401	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB402	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB403	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB404	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB405	1-234-381-21 s	RES, NETWORK 100K (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	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB412	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB413	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB414	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB415	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB416	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB417	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB418	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB419	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB420	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB421	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB423	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB424	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB425	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB426	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB427	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB428	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB429	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB430	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB431	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB432	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB433	1-234-381-21 s	RES, NETWORK 100K (1005X4)

DTX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
RB434	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB435	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB436	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB437	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB501	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB502	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB503	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB505	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB701	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB702	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB703	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB704	1-234-371-21 s	RES, NETWORK 47 (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)
RB717	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB718	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB719	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB720	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB721	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB722	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	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB726	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB727	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB728	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB729	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB730	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB731	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB732	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB733	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB734	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB735	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB736	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB737	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB738	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB739	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB740	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB801	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB802	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB803	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB804	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB805	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB806	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB807	1-234-371-21 s	RES, NETWORK 47 (1005X4)
S401	1-692-271-41 s	SWITCH, SLIDE
THP101	△ 1-533-817-21 s	THERMISTOR
THP102	△ 1-533-817-21 s	THERMISTOR
THP103	△ 1-533-817-21 s	THERMISTOR
THP104	△ 1-533-817-21 s	THERMISTOR
THP105	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP106	△ 1-804-616-21 s	THERMISTOR, POSITIVE

DTX-9 BOARD

Ref. No. or Q'ty	Part No.	SP Description
THP107 	1-804-616-21	s THERMISTOR, POSITIVE
TP201	1-535-877-22	s CHIP, CHECKER
TP202	1-535-877-22	s CHIP, CHECKER
TP203	1-535-877-22	s CHIP, CHECKER
TP301	1-535-877-22	s CHIP, CHECKER
TP351	1-535-877-22	s CHIP, CHECKER
TP501	1-535-877-22	s CHIP, CHECKER
TP502	1-535-877-22	s CHIP, CHECKER
X502	1-795-671-12	s OSCILLATOR, CRYSTAL (VCXO) 3.3V
X503	1-795-670-12	s OSCILLATOR, CRYSTAL (VCXO) 3.3V

EN-159A BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1132-789-A	s MOUNTED CIRCUIT BOARD, EN-159A
4pcs	7-682-947-01	s SCREW +PSW 3X6
C101	1-127-692-91	s CAP, CHIP CERAMIC 10MF B 3225
C102	1-127-692-91	s CAP, CHIP CERAMIC 10MF B 3225
C103	1-165-176-91	s CAP, CERAMIC 47000PF B 1608
C104	1-165-176-91	s CAP, CERAMIC 47000PF B 1608
C105	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C106	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C107	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C108	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C109	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C110	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C111	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C112	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C113	1-100-352-91	s CAP, CERAMIC 1MF C (1608)
C114	1-128-589-21	s CAP, CHIP ELECT 47MF
C115	1-162-927-91	s CAP, CERAMIC 100PF CH 1608
C116	1-162-927-91	s CAP, CERAMIC 100PF CH 1608
C117	1-165-176-91	s CAP, CERAMIC 47000PF B 1608
C118	1-165-176-91	s CAP, CERAMIC 47000PF B 1608
C120	1-100-620-91	s CAP, CHIP CERAMIC 47MF B (3225)
C121	1-100-620-91	s CAP, CHIP CERAMIC 47MF B (3225)
C122	1-100-620-91	s CAP, CHIP CERAMIC 47MF B (3225)
C123	1-100-620-91	s CAP, CHIP CERAMIC 47MF B (3225)
C124	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C125	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C126	1-164-227-91	s CAP, CERAMIC 22000PF B 1608
C127	1-115-412-91	s CAP, CHIP CERAMIC 680PF CH 1608
C128	1-164-227-91	s CAP, CERAMIC 22000PF B 1608
C129	1-115-412-91	s CAP, CHIP CERAMIC 680PF CH 1608
C130	1-127-692-91	s CAP, CHIP CERAMIC 10MF B 3225
C131	1-162-927-91	s CAP, CERAMIC 100PF CH 1608
C132	1-127-692-91	s CAP, CHIP CERAMIC 10MF B 3225
C133	1-127-692-91	s CAP, CHIP CERAMIC 10MF B 3225
C134	1-115-416-91	s CAP, CHIP CERAMIC 1000PF CH 1608
C135	1-165-908-91	s CAP, CERAMIC 1MF B 1608
C136	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C137	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C138	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C139	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C140	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C141	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C142	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C143	1-128-589-21	s CAP, CHIP ELECT 47MF
C144	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C145	1-165-989-91	s CAP, CERAMIC 10MF (2012)

EN-159A BOARD

Ref. No. or Q'ty	Part No.	SP Description
C146	1-128-589-21	s CAP, CHIP ELECT 47MF
C147	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C148	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C149	1-100-352-91	s CAP, CERAMIC 1MF C (1608)
C150	1-100-352-91	s CAP, CERAMIC 1MF C (1608)
C151	1-128-589-21	s CAP, CHIP ELECT 47MF
C152	1-128-589-21	s CAP, CHIP ELECT 47MF
C153	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C155	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C156	1-115-340-91	s CAP, CERAMIC 0.22MF B (2012)
C157	1-115-340-91	s CAP, CERAMIC 0.22MF B (2012)
C158	1-126-399-21	s CAP, CHIP ELECT 10MF (5X5.7)
C159	1-126-399-21	s CAP, CHIP ELECT 10MF (5X5.7)
C160	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C161	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C162	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C163	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C164	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C165	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C166	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C167	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C201	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C202	1-165-908-91	s CAP, CERAMIC 1MF B 1608
C205	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C231	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C232	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C233	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C234	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C235	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C236	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C237	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C238	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C239	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C240	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C241	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C242	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C243	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C244	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C245	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C246	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C247	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C248	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C249	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C301	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C302	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C303	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C304	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C305	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C306	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C307	1-162-923-91	s CAP, CERAMIC 47PF CH 1608
C308	1-162-915-91	s CAP, CERAMIC 10PF CH 1608
C309	1-162-919-91	s CAP, CERAMIC 22PF CH 1608
C310	1-115-416-91	s CAP, CHIP CERAMIC 1000PF CH 1608
C311	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C312	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C313	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C314	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C315	1-127-954-21	s CAP, CHIP FILM 0.047MF (3216)
C316	1-115-416-91	s CAP, CHIP CERAMIC 1000PF CH 1608
C317	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C318	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C319	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B
C320	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C321	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C322	1-107-826-91	s CAP, CHIP CERAMIC 0.1MF B

EN-159A BOARD

Ref. No. or Q'ty	Part No.	SP Description
C323	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C324	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C325	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C326	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C328	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C329	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C330	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C331	1-165-872-21 s	CAP, ELECT 47MF (5.0X6.5)
C332	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C333	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C334	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C335	1-127-573-91 s	CAP, CHIP CERAMIC 1MF B (2012)
C336	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C337	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C338	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C339	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C340	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C341	1-127-573-91 s	CAP, CHIP CERAMIC 1MF B (2012)
C342	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C343	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C344	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C345	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C346	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C347	1-162-915-91 s	CAP, CERAMIC 10PF CH 1608
C348	1-162-919-91 s	CAP, CERAMIC 22PF CH 1608
C349	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C350	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C351	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C352	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C353	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C354	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C355	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C356	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C357	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C358	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C359	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C360	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C361	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C362	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C363	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C364	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C365	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C366	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C367	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C368	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C369	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C370	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C371	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C372	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C373	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C374	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C375	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C376	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C377	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C378	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C379	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C380	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C381	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C382	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C383	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C384	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C385	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C386	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C387	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C388	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B

EN-159A BOARD

Ref. No. or Q'ty	Part No.	SP Description
C389	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C390	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C391	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C392	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C393	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C394	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C395	1-162-910-91 s	CAP, CERAMIC 5.0PF CH 1608
C396	1-162-915-91 s	CAP, CERAMIC 10PF CH 1608
C397	1-162-910-91 s	CAP, CERAMIC 5.0PF CH 1608
C398	1-162-915-91 s	CAP, CERAMIC 10PF CH 1608
C399	1-162-910-91 s	CAP, CERAMIC 5.0PF CH 1608
C400	1-162-915-91 s	CAP, CERAMIC 10PF CH 1608
C401	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C402	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C403	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C404	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C405	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C406	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C407	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C408	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C409	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C410	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C411	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C412	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C413	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C414	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C415	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C416	1-162-915-91 s	CAP, CERAMIC 10PF CH 1608
C417	1-162-913-91 s	CAP, CERAMIC 8.0PF CH 1608
C418	1-162-915-91 s	CAP, CERAMIC 10PF CH 1608
C419	1-162-913-91 s	CAP, CERAMIC 8.0PF CH 1608
C420	1-162-915-91 s	CAP, CERAMIC 10PF CH 1608
C421	1-162-913-91 s	CAP, CERAMIC 8.0PF CH 1608
C501	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C502	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C503	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C504	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C505	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C506	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C507	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C508	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C509	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C510	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C511	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C512	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C513	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C514	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C515	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C516	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C517	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C518	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C524	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C618	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C619	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C620	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C621	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
CN501	1-764-093-21 o	PIN, CONNECTOR (PC BOARD) 8P
D101	8-719-017-03 s	DIODE 02DZ4.7-TPH3
D102	8-719-017-03 s	DIODE 02DZ4.7-TPH3
D202	8-719-064-52 s	DIODE CL-191YG-CD-T
D203	8-719-064-52 s	DIODE CL-191YG-CD-T
D301	8-719-024-83 s	DIODE 1SS301-TE85L
D302	8-719-820-42 s	DIODE 1SS302-TE85L

EN-159A BOARD

Ref. No. or Q'ty	Part No.	SP Description
E101	1-535-877-22 s	CHIP, CHECKER
E102	1-535-877-22 s	CHIP, CHECKER
E103	1-535-877-22 s	CHIP, CHECKER
E104	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	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB301	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB302	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
IC101	8-759-327-01 s	IC NJM062V(Te2)
IC102	8-759-327-01 s	IC NJM062V(Te2)
IC104	6-701-572-01 s	IC TPS54610PWPR
IC105	6-701-572-01 s	IC TPS54610PWPR
IC106	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC107	6-707-875-01 s	IC TC74VHC245FT(EKJ)
IC108	6-707-875-01 s	IC TC74VHC245FT(EKJ)
IC109	6-707-875-01 s	IC TC74VHC245FT(EKJ)
IC110	6-713-799-01 s	IC BU7122KV-E2
IC111	6-707-885-01 s	IC TC74VHCT08AFT(EKJ)
IC112	8-759-472-18 s	IC 74VHC138MTCX
IC113	6-706-478-01 s	IC TC7SET08FU
IC114	8-759-685-34 s	IC M62352AGP-D60Q
IC116	6-706-491-01 s	IC TC7SH86FU
IC117	6-706-482-01 s	IC TC7SH00FU
IC118	8-759-338-95 s	IC NJM2903V(Te2)
IC201	8-759-675-47 s	IC SN74LVC04APWR
IC202	8-759-675-47 s	IC SN74LVC04APWR
IC207	8-759-472-65 s	IC 74VHC574MTCX
IC208	8-759-472-65 s	IC 74VHC574MTCX
IC209	8-759-472-65 s	IC 74VHC574MTCX
IC301	8-752-371-56 s	IC CXD1171M-TH
IC302	6-700-572-01 s	IC UPD6466GS-515-E2
IC303	6-700-572-01 s	IC UPD6466GS-515-E2
IC304	6-706-484-01 s	IC TC7SH04FU
IC305	8-752-363-45 s	IC CXD1216M-TH
IC306	8-759-276-25 s	IC TLC272CPSR
IC307	8-752-349-19 s	IC CXD1176Q-T4
IC308	6-706-484-01 s	IC TC7SH04FU
IC309	8-759-472-65 s	IC 74VHC574MTCX
IC310	6-707-885-01 s	IC TC74VHCT08AFT(EKJ)
IC311	6-707-556-01 s	IC CXD9184R
IC312	8-759-256-45 s	IC NJM4560M-Te2
IC313	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC314	8-752-391-99 s	IC CXD2315Q-T4
IC315	6-706-478-01 s	IC TC7SET08FU
IC316	8-752-391-99 s	IC CXD2315Q-T4
IC317	6-706-478-01 s	IC TC7SET08FU
IC318	8-752-391-99 s	IC CXD2315Q-T4
IC319	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC320	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC321	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC502	6-700-387-01 s	IC EPC2LC20N-TP
IC513	8-759-472-65 s	IC 74VHC574MTCX
IC514	8-759-472-65 s	IC 74VHC574MTCX
IC515	8-759-472-65 s	IC 74VHC574MTCX
L101	1-416-344-21 s	COIL, CHOKE 10UH
L102	1-416-344-21 s	COIL, CHOKE 10UH
L103	1-416-344-21 s	COIL, CHOKE 10UH
L104	1-416-344-21 s	COIL, CHOKE 10UH
L105	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L106	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

EN-159A BOARD

Ref. No. or Q'ty	Part No.	SP Description
L301	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L302	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L303	1-412-947-21 s	INDUCTOR 4.7UH (2520)
L304	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L305	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L306	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L307	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L308	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L309	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L310	1-412-955-21 s	INDUCTOR, SMALL TYPE 22UH 2520
L311	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L312	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L313	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L314	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L315	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L316	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L317	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L318	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L319	1-412-947-21 s	INDUCTOR 4.7UH (2520)
L320	1-412-947-21 s	INDUCTOR 4.7UH (2520)
L321	1-412-947-21 s	INDUCTOR 4.7UH (2520)
L322	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L323	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L324	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L325	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L326	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L327	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
Q101	8-729-209-73 s	TRANSISTOR 2SA1213Y-Te12L
Q102	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q103	8-729-209-73 s	TRANSISTOR 2SA1213Y-Te12L
Q104	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q105	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q206	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q207	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
R101	1-218-883-91 s	RES, CHIP 33K (1608)
R102	1-218-855-91 s	RES, CHIP 2.2K (1608)
R103	1-218-875-91 s	RES, CHIP 15K (1608)
R104	1-218-875-91 s	RES, CHIP 15K (1608)
R105	1-218-879-91 s	RES, CHIP 22K (1608)
R106	1-218-855-91 s	RES, CHIP 2.2K (1608)
R107	1-218-891-91 s	RES, CHIP 68K (1608)
R108	1-218-891-91 s	RES, CHIP 68K (1608)
R109	1-218-875-91 s	RES, CHIP 15K (1608)
R110	1-218-883-91 s	RES, CHIP 33K (1608)
R111	1-218-831-91 s	RES, CHIP 220 (1608)
R112	1-218-871-91 s	RES, CHIP 10K (1608)
R113	1-218-855-91 s	RES, CHIP 2.2K (1608)
R114	1-218-875-91 s	RES, CHIP 15K (1608)
R115	1-218-823-91 s	RES, CHIP 100 (1608)
R116	1-218-831-91 s	RES, CHIP 220 (1608)
R117	1-218-831-91 s	RES, CHIP 220 (1608)
R118	1-218-831-91 s	RES, CHIP 220 (1608)
R119	1-218-847-91 s	RES, CHIP 1.0K (1608)
R120	1-218-847-91 s	RES, CHIP 1.0K (1608)
R121	1-218-831-91 s	RES, CHIP 220 (1608)
R122	1-218-851-91 s	RES, CHIP 1.5K (1608)
R123	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R124	1-218-823-91 s	RES, CHIP 100 (1608)
R125	1-218-851-91 s	RES, CHIP 1.5K (1608)
R126	1-218-871-91 s	RES, CHIP 10K (1608)
R127	1-218-823-91 s	RES, CHIP 100 (1608)
R128	1-218-871-91 s	RES, CHIP 10K (1608)

EN-159A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R129	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R130	1-218-855-91 s	RES, CHIP 2.2K (1608)
R131	1-218-871-91 s	RES, CHIP 10K (1608)
R132	1-218-879-91 s	RES, CHIP 22K (1608)
R133	1-218-879-91 s	RES, CHIP 22K (1608)
R134	1-218-859-91 s	RES, CHIP 3.3K (1608)
R135	1-218-871-91 s	RES, CHIP 10K (1608)
R136	1-218-879-91 s	RES, CHIP 22K (1608)
R137	1-218-887-91 s	RES, CHIP 47K (1608)
R138	1-218-879-91 s	RES, CHIP 22K (1608)
R139	1-218-879-91 s	RES, CHIP 22K (1608)
R140	1-218-871-91 s	RES, CHIP 10K (1608)
R141	1-218-855-91 s	RES, CHIP 2.2K (1608)
R142	1-218-863-91 s	RES, CHIP 4.7K (1608)
R143	1-218-887-91 s	RES, CHIP 47K (1608)
R144	1-218-887-91 s	RES, CHIP 47K (1608)
R145	1-218-879-91 s	RES, CHIP 22K (1608)
R146	1-218-867-91 s	RES, CHIP 6.8K (1608)
R147	1-218-883-91 s	RES, CHIP 33K (1608)
R148	1-218-831-91 s	RES, CHIP 220 (1608)
R149	1-218-831-91 s	RES, CHIP 220 (1608)
R150	1-218-831-91 s	RES, CHIP 220 (1608)
R151	1-218-831-91 s	RES, CHIP 220 (1608)
R152	1-218-831-91 s	RES, CHIP 220 (1608)
R153	1-211-969-91 s	RES, CHIP 10 (1608)
R154	1-211-969-91 s	RES, CHIP 10 (1608)
R155	1-218-871-91 s	RES, CHIP 10K (1608)
R156	1-218-823-91 s	RES, CHIP 100 (1608)
R157	1-218-823-91 s	RES, CHIP 100 (1608)
R158	1-218-823-91 s	RES, CHIP 100 (1608)
R159	1-218-823-91 s	RES, CHIP 100 (1608)
R160	1-218-823-91 s	RES, CHIP 100 (1608)
R161	1-218-823-91 s	RES, CHIP 100 (1608)
R165	1-218-823-91 s	RES, CHIP 100 (1608)
R166	1-218-823-91 s	RES, CHIP 100 (1608)
R168	1-218-823-91 s	RES, CHIP 100 (1608)
R171	1-218-871-91 s	RES, CHIP 10K (1608)
R174	1-218-895-91 s	RES, CHIP 100K (1608)
R175	1-218-895-91 s	RES, CHIP 100K (1608)
R176	1-218-847-91 s	RES, CHIP 1.0K (1608)
R177	1-218-847-91 s	RES, CHIP 1.0K (1608)
R204	1-211-985-91 s	RES, CHIP 47 (1608)
R206	1-218-855-91 s	RES, CHIP 2.2K (1608)
R210	1-211-985-91 s	RES, CHIP 47 (1608)
R211	1-211-985-91 s	RES, CHIP 47 (1608)
R213	1-218-863-91 s	RES, CHIP 4.7K (1608)
R214	1-218-863-91 s	RES, CHIP 4.7K (1608)
R221	1-218-823-91 s	RES, CHIP 100 (1608)
R223	1-211-985-91 s	RES, CHIP 47 (1608)
R224	1-211-985-91 s	RES, CHIP 47 (1608)
R225	1-211-985-91 s	RES, CHIP 47 (1608)
R226	1-211-985-91 s	RES, CHIP 47 (1608)
R227	1-211-985-91 s	RES, CHIP 47 (1608)
R228	1-211-985-91 s	RES, CHIP 47 (1608)
R229	1-211-985-91 s	RES, CHIP 47 (1608)
R230	1-211-985-91 s	RES, CHIP 47 (1608)
R231	1-211-985-91 s	RES, CHIP 47 (1608)
R232	1-211-985-91 s	RES, CHIP 47 (1608)
R259	1-218-863-91 s	RES, CHIP 4.7K (1608)
R260	1-211-985-91 s	RES, CHIP 47 (1608)
R261	1-218-823-91 s	RES, CHIP 100 (1608)
R262	1-218-823-91 s	RES, CHIP 100 (1608)
R263	1-218-823-91 s	RES, CHIP 100 (1608)
R264	1-218-823-91 s	RES, CHIP 100 (1608)
R265	1-218-823-91 s	RES, CHIP 100 (1608)

EN-159A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R266	1-218-887-91 s	RES, CHIP 47K (1608)
R267	1-218-823-91 s	RES, CHIP 100 (1608)
R268	1-218-823-91 s	RES, CHIP 100 (1608)
R269	1-218-887-91 s	RES, CHIP 47K (1608)
R270	1-218-823-91 s	RES, CHIP 100 (1608)
R271	1-218-823-91 s	RES, CHIP 100 (1608)
R272	1-218-823-91 s	RES, CHIP 100 (1608)
R273	1-218-823-91 s	RES, CHIP 100 (1608)
R274	1-218-823-91 s	RES, CHIP 100 (1608)
R275	1-218-887-91 s	RES, CHIP 47K (1608)
R276	1-218-847-91 s	RES, CHIP 1.0K (1608)
R277	1-218-887-91 s	RES, CHIP 47K (1608)
R278	1-218-847-91 s	RES, CHIP 1.0K (1608)
R279	1-218-823-91 s	RES, CHIP 100 (1608)
R298	1-218-823-91 s	RES, CHIP 100 (1608)
R301	1-218-823-91 s	RES, CHIP 100 (1608)
R302	1-218-839-91 s	RES, CHIP 470 (1608)
R303	1-218-855-91 s	RES, CHIP 2.2K (1608)
R305	1-218-883-91 s	RES, CHIP 33K (1608)
R306	1-218-879-91 s	RES, CHIP 22K (1608)
R307	1-218-847-91 s	RES, CHIP 1.0K (1608)
R308	1-218-839-91 s	RES, CHIP 470 (1608)
R309	1-218-839-91 s	RES, CHIP 470 (1608)
R311	1-218-895-91 s	RES, CHIP 100K (1608)
R312	1-218-831-91 s	RES, CHIP 220 (1608)
R313	1-218-871-91 s	RES, CHIP 10K (1608)
R314	1-218-871-91 s	RES, CHIP 10K (1608)
R315	1-211-985-91 s	RES, CHIP 47 (1608)
R316	1-211-985-91 s	RES, CHIP 47 (1608)
R317	1-211-985-91 s	RES, CHIP 47 (1608)
R318	1-218-823-91 s	RES, CHIP 100 (1608)
R319	1-211-985-91 s	RES, CHIP 47 (1608)
R320	1-218-871-91 s	RES, CHIP 10K (1608)
R321	1-218-871-91 s	RES, CHIP 10K (1608)
R322	1-218-847-91 s	RES, CHIP 1.0K (1608)
R323	1-218-855-91 s	RES, CHIP 2.2K (1608)
R324	1-218-835-91 s	RES, CHIP 330 (1608)
R325	1-218-851-91 s	RES, CHIP 1.5K (1608)
R326	1-218-823-91 s	RES, CHIP 100 (1608)
R327	1-211-969-91 s	RES, CHIP 10 (1608)
R329	1-218-879-91 s	RES, CHIP 22K (1608)
R331	1-218-823-91 s	RES, CHIP 100 (1608)
R332	1-218-823-91 s	RES, CHIP 100 (1608)
R333	1-211-985-91 s	RES, CHIP 47 (1608)
R334	1-218-871-91 s	RES, CHIP 10K (1608)
R341	1-218-823-91 s	RES, CHIP 100 (1608)
R342	1-218-871-91 s	RES, CHIP 10K (1608)
R343	1-218-871-91 s	RES, CHIP 10K (1608)
R344	1-218-871-91 s	RES, CHIP 10K (1608)
R345	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R346	1-218-871-91 s	RES, CHIP 10K (1608)
R347	1-218-863-91 s	RES, CHIP 4.7K (1608)
R348	1-218-863-91 s	RES, CHIP 4.7K (1608)
R349	1-211-969-91 s	RES, CHIP 10 (1608)
R350	1-218-831-91 s	RES, CHIP 220 (1608)
R351	1-218-871-91 s	RES, CHIP 10K (1608)
R352	1-218-871-91 s	RES, CHIP 10K (1608)
R353	1-218-871-91 s	RES, CHIP 10K (1608)
R354	1-218-863-91 s	RES, CHIP 4.7K (1608)
R355	1-218-847-91 s	RES, CHIP 1.0K (1608)
R356	1-218-847-91 s	RES, CHIP 1.0K (1608)
R357	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R358	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R360	1-218-831-91 s	RES, CHIP 220 (1608)
R361	1-218-831-91 s	RES, CHIP 220 (1608)

EN-159A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R362	1-218-831-91 s	RES, CHIP 220 (1608)
R363	1-218-831-91 s	RES, CHIP 220 (1608)
R364	1-218-823-91 s	RES, CHIP 100 (1608)
R365	1-211-985-91 s	RES, CHIP 47 (1608)
R366	1-218-855-91 s	RES, CHIP 2.2K (1608)
R367	1-218-831-91 s	RES, CHIP 220 (1608)
R368	1-218-831-91 s	RES, CHIP 220 (1608)
R369	1-218-823-91 s	RES, CHIP 100 (1608)
R370	1-218-831-91 s	RES, CHIP 220 (1608)
R371	1-218-831-91 s	RES, CHIP 220 (1608)
R372	1-218-831-91 s	RES, CHIP 220 (1608)
R373	1-218-847-91 s	RES, CHIP 1.0K (1608)
R375	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R376	1-218-855-91 s	RES, CHIP 2.2K (1608)
R377	1-218-851-91 s	RES, CHIP 1.5K (1608)
R378	1-211-985-91 s	RES, CHIP 47 (1608)
R379	1-218-851-91 s	RES, CHIP 1.5K (1608)
R380	1-218-843-91 s	RES, CHIP 680 (1608)
R381	1-218-851-91 s	RES, CHIP 1.5K (1608)
R382	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R383	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R384	1-218-843-91 s	RES, CHIP 680 (1608)
R387	1-218-827-91 s	RES, CHIP 150 (1608)
R390	1-218-831-91 s	RES, CHIP 220 (1608)
R391	1-218-827-91 s	RES, CHIP 150 (1608)
R392	1-218-827-91 s	RES, CHIP 150 (1608)
R393	1-218-823-91 s	RES, CHIP 100 (1608)
R394	1-218-823-91 s	RES, CHIP 100 (1608)
R396	1-218-823-91 s	RES, CHIP 100 (1608)
R398	1-218-823-91 s	RES, CHIP 100 (1608)
R400	1-218-859-91 s	RES, CHIP 3.3K (1608)
R401	1-218-859-91 s	RES, CHIP 3.3K (1608)
R402	1-218-859-91 s	RES, CHIP 3.3K (1608)
R403	1-218-831-91 s	RES, CHIP 220 (1608)
R404	1-218-831-91 s	RES, CHIP 220 (1608)
R405	1-218-831-91 s	RES, CHIP 220 (1608)
R406	1-218-835-91 s	RES, CHIP 330 (1608)
R407	1-218-835-91 s	RES, CHIP 330 (1608)
R408	1-218-835-91 s	RES, CHIP 330 (1608)
R409	1-218-851-91 s	RES, CHIP 1.5K (1608)
R410	1-218-851-91 s	RES, CHIP 1.5K (1608)
R411	1-218-855-91 s	RES, CHIP 2.2K (1608)
R412	1-218-851-91 s	RES, CHIP 1.5K (1608)
R413	1-218-851-91 s	RES, CHIP 1.5K (1608)
R414	1-218-855-91 s	RES, CHIP 2.2K (1608)
R415	1-218-851-91 s	RES, CHIP 1.5K (1608)
R416	1-218-851-91 s	RES, CHIP 1.5K (1608)
R417	1-218-855-91 s	RES, CHIP 2.2K (1608)
R418	1-218-887-91 s	RES, CHIP 47K (1608)
R419	1-218-903-91 s	RES, CHIP 220K (1608)
R420	1-218-887-91 s	RES, CHIP 47K (1608)
R421	1-218-903-91 s	RES, CHIP 220K (1608)
R422	1-218-887-91 s	RES, CHIP 47K (1608)
R423	1-218-903-91 s	RES, CHIP 220K (1608)
R424	1-218-875-91 s	RES, CHIP 15K (1608)
R425	1-218-875-91 s	RES, CHIP 15K (1608)
R426	1-218-875-91 s	RES, CHIP 15K (1608)
R427	1-218-835-91 s	RES, CHIP 330 (1608)
R428	1-218-835-91 s	RES, CHIP 330 (1608)
R429	1-218-835-91 s	RES, CHIP 330 (1608)
R430	1-218-823-91 s	RES, CHIP 100 (1608)
R431	1-218-851-91 s	RES, CHIP 1.5K (1608)
R432	1-218-823-91 s	RES, CHIP 100 (1608)
R433	1-218-851-91 s	RES, CHIP 1.5K (1608)
R434	1-218-823-91 s	RES, CHIP 100 (1608)

EN-159A BOARD

Ref. No. or Q'ty	Part No.	SP Description
R435	1-218-851-91 s	RES, CHIP 1.5K (1608)
R436	1-218-851-91 s	RES, CHIP 1.5K (1608)
R437	1-218-867-91 s	RES, CHIP 6.8K (1608)
R438	1-218-843-91 s	RES, CHIP 680 (1608)
R439	1-218-851-91 s	RES, CHIP 1.5K (1608)
R440	1-218-867-91 s	RES, CHIP 6.8K (1608)
R441	1-218-843-91 s	RES, CHIP 680 (1608)
R442	1-218-851-91 s	RES, CHIP 1.5K (1608)
R443	1-218-867-91 s	RES, CHIP 6.8K (1608)
R444	1-218-843-91 s	RES, CHIP 680 (1608)
R445	1-211-989-91 s	RES, CHIP 68 (1608)
R446	1-211-989-91 s	RES, CHIP 68 (1608)
R447	1-211-989-91 s	RES, CHIP 68 (1608)
R448	1-218-843-91 s	RES, CHIP 680 (1608)
R449	1-218-843-91 s	RES, CHIP 680 (1608)
R450	1-218-843-91 s	RES, CHIP 680 (1608)
R451	1-218-831-91 s	RES, CHIP 220 (1608)
R452	1-218-831-91 s	RES, CHIP 220 (1608)
R453	1-218-831-91 s	RES, CHIP 220 (1608)
R454	1-218-831-91 s	RES, CHIP 220 (1608)
R455	1-218-831-91 s	RES, CHIP 220 (1608)
R456	1-218-831-91 s	RES, CHIP 220 (1608)
R457	1-218-831-91 s	RES, CHIP 220 (1608)
R458	1-211-969-91 s	RES, CHIP 10 (1608)
R459	1-211-969-91 s	RES, CHIP 10 (1608)
R501	1-218-871-91 s	RES, CHIP 10K (1608)
R502	1-218-871-91 s	RES, CHIP 10K (1608)
R503	1-218-847-91 s	RES, CHIP 1.0K (1608)
R504	1-218-823-91 s	RES, CHIP 100 (1608)
R505	1-218-823-91 s	RES, CHIP 100 (1608)
R506	1-218-823-91 s	RES, CHIP 100 (1608)
R507	1-218-823-91 s	RES, CHIP 100 (1608)
R508	1-218-823-91 s	RES, CHIP 100 (1608)
R509	1-218-823-91 s	RES, CHIP 100 (1608)
R510	1-218-823-91 s	RES, CHIP 100 (1608)
R511	1-218-871-91 s	RES, CHIP 10K (1608)
R512	1-218-871-91 s	RES, CHIP 10K (1608)
R513	1-218-871-91 s	RES, CHIP 10K (1608)
R514	1-211-985-91 s	RES, CHIP 47 (1608)
R515	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R516	1-218-847-91 s	RES, CHIP 1.0K (1608)
R517	1-211-985-91 s	RES, CHIP 47 (1608)
R525	1-218-847-91 s	RES, CHIP 1.0K (1608)
R526	1-218-847-91 s	RES, CHIP 1.0K (1608)
R527	1-218-847-91 s	RES, CHIP 1.0K (1608)
R528	1-218-847-91 s	RES, CHIP 1.0K (1608)
R547	1-218-823-91 s	RES, CHIP 100 (1608)
R663	1-218-879-91 s	RES, CHIP 22K (1608)
R667	1-218-823-91 s	RES, CHIP 100 (1608)
R668	1-218-823-91 s	RES, CHIP 100 (1608)
R669	1-218-823-91 s	RES, CHIP 100 (1608)
R670	1-218-823-91 s	RES, CHIP 100 (1608)
R671	1-218-823-91 s	RES, CHIP 100 (1608)
R672	1-218-887-91 s	RES, CHIP 47K (1608)
R901	1-218-895-91 s	RES, CHIP 100K (1608)
R902	1-218-823-91 s	RES, CHIP 100 (1608)
R911	1-218-847-91 s	RES, CHIP 1.0K (1608)
R912	1-218-847-91 s	RES, CHIP 1.0K (1608)
R913	1-218-831-91 s	RES, CHIP 220 (1608)
RB101	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB102	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB103	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB104	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB105	1-234-381-21 s	RES, NETWORK 100K (1005X4)

[illegible]

Ref. No. or Q'ty	Part No.	SP	Description
RB302	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB303	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB304	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB305	1-234-379-21	s	RES, NETWORK 22K (1005X4)
RB306	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB307	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB308	1-234-381-21	s	RES, NETWORK 100K (1005X4)
RB309	1-234-381-21	s	RES, NETWORK 100K (1005X4)
RB311	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB312	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB313	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB314	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB315	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB316	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB317	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB318	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB319	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB320	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB321	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB322	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB323	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB324	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB325	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB326	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB327	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB328	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB329	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB330	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB331	1-234-373-21	s	RES, NETWORK 220 (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	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB506	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB507	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB508	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB529	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB530	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB531	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB532	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB533	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB534	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB539	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB540	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB541	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB542	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB543	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB544	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RV301	1-225-793-21	s	RES, ADJ, CERMET 20K
RV302	1-225-792-21	s	RES, ADJ, CERMET 10K
RV303	1-225-787-21	s	RES, ADJ, CERMET 500
RV304	1-225-787-21	s	RES, ADJ, CERMET 500
RV305	1-225-787-21	s	RES, ADJ, CERMET 500
S201	1-762-120-21	s	SWITCH, TOGGLE
S301	1-570-711-33	s	SWITCH, SLIDE
THP101	1-533-817-21	s	THERMISTOR
THP102	1-533-817-21	s	THERMISTOR
THP103	1-533-817-21	s	THERMISTOR
THP104	1-533-817-21	s	THERMISTOR
THP105	1-533-817-21	s	THERMISTOR
THP106	1-803-615-21	s	THERMISTOR, POSITIVE
THP107	1-803-615-21	s	THERMISTOR, POSITIVE

EN-159A BOARD

Ref. No. or Q'ty	Part No.	SP Description
TP202	1-535-877-22 s	CHIP, CHECKER
TP207	1-535-877-22 s	CHIP, CHECKER
TP301	1-535-877-22 s	CHIP, CHECKER
TP302	1-535-877-22 s	CHIP, CHECKER
TP303	1-535-877-22 s	CHIP, CHECKER
TP304	1-535-877-22 s	CHIP, CHECKER
TP305	1-535-877-22 s	CHIP, CHECKER
TP306	1-535-877-22 s	CHIP, CHECKER
TP307	1-535-877-22 s	CHIP, CHECKER

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1132-790-A s	MOUNTED CIRCUIT BOARD, EN-159B
4pcs	7-682-947-01 s	SCREW +PSW 3X6
C101	1-127-692-91 s	CAP, CHIP CERAMIC 10MF B 3225
C102	1-127-692-91 s	CAP, CHIP CERAMIC 10MF B 3225
C103	1-165-176-91 s	CAP,CERAMIC 47000PF B 1608
C104	1-165-176-91 s	CAP,CERAMIC 47000PF B 1608
C105	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C106	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C107	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C108	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C109	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C110	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C111	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C112	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C113	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C114	1-128-589-21 s	CAP, CHIP ELECT 47MF
C115	1-162-927-91 s	CAP, CERAMIC 100PF CH 1608
C116	1-162-927-91 s	CAP, CERAMIC 100PF CH 1608
C117	1-165-176-91 s	CAP,CERAMIC 47000PF B 1608
C118	1-165-176-91 s	CAP,CERAMIC 47000PF B 1608
C120	1-100-620-91 s	CAP, CHIP CERAMIC 47MF B (3225)
C121	1-100-620-91 s	CAP, CHIP CERAMIC 47MF B (3225)
C122	1-100-620-91 s	CAP, CHIP CERAMIC 47MF B (3225)
C123	1-100-620-91 s	CAP, CHIP CERAMIC 47MF B (3225)
C124	1-162-970-91 s	CAP, CERAMIC 0.01MF B 1608
C125	1-162-970-91 s	CAP, CERAMIC 0.01MF B 1608
C126	1-164-227-91 s	CAP,CERAMIC 22000PF B 1608
C127	1-115-412-91 s	CAP,CHIP CERAMIC 680PF CH 1608
C128	1-164-227-91 s	CAP,CERAMIC 22000PF B 1608
C129	1-115-412-91 s	CAP,CHIP CERAMIC 680PF CH 1608
C130	1-127-692-91 s	CAP, CHIP CERAMIC 10MF B 3225
C131	1-162-927-91 s	CAP, CERAMIC 100PF CH 1608
C132	1-127-692-91 s	CAP, CHIP CERAMIC 10MF B 3225
C133	1-127-692-91 s	CAP, CHIP CERAMIC 10MF B 3225
C134	1-115-416-91 s	CAP,CHIP CERAMIC1000PF CH 1608
C135	1-165-908-91 s	CAP, CERAMIC 1MF B 1608
C136	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C137	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C138	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C139	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C140	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C141	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C142	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C143	1-128-589-21 s	CAP, CHIP ELECT 47MF
C144	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C145	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C146	1-128-589-21 s	CAP, CHIP ELECT 47MF
C147	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C148	1-165-989-91 s	CAP, CERAMIC 10MF (2012)

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
C149	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C150	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C151	1-128-589-21 s	CAP, CHIP ELECT 47MF
C152	1-128-589-21 s	CAP, CHIP ELECT 47MF
C153	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C155	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C156	1-115-340-91 s	CAP, CERAMIC 0.22MF B (2012)
C157	1-115-340-91 s	CAP, CERAMIC 0.22MF B (2012)
C158	1-126-399-21 s	CAP, CHIP ELECT 10MF (5X5.7)
C159	1-126-399-21 s	CAP, CHIP ELECT 10MF (5X5.7)
C160	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C161	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C162	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C163	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C164	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C165	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C166	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C167	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C201	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C202	1-165-908-91 s	CAP, CERAMIC 1MF B 1608
C203	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C204	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C205	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C206	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C207	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C208	1-162-915-91 s	CAP, CERAMIC 10PF CH 1608
C209	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C210	1-162-919-91 s	CAP, CERAMIC 22PF CH 1608
C211	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C212	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C213	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C214	1-162-910-91 s	CAP, CERAMIC 5.0PF CH 1608
C215	1-126-390-21 s	CAP, CHIP ELECT 22MF (4X5.7)
C216	1-126-390-21 s	CAP, CHIP ELECT 22MF (4X5.7)
C217	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C218	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C219	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C220	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C221	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C222	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C223	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C224	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C225	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C226	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C227	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C228	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C229	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C230	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C231	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C232	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C233	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C234	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C235	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C236	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C237	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C238	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C239	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C240	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C241	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C242	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C243	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C244	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C245	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C246	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C247	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
C248	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C249	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C250	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C251	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C252	1-165-872-21 s	CAP, ELECT 47MF (5.0X6.5)
C253	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C254	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C255	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C256	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C257	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C258	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C259	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C260	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C261	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C262	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C263	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C264	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C265	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C266	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C267	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C268	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C301	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C302	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C303	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C304	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C305	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C306	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C307	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C308	1-162-915-91 s	CAP, CERAMIC 10PF CH 1608
C309	1-162-919-91 s	CAP, CERAMIC 22PF CH 1608
C310	1-115-416-91 s	CAP,CHIP CERAMIC1000PF CH 1608
C311	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C312	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C313	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C314	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C315	1-127-954-21 s	CAP, CHIP FILM 0.047MF (3216)
C316	1-115-416-91 s	CAP,CHIP CERAMIC1000PF CH 1608
C317	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C318	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C319	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C320	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C321	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C322	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C323	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C324	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C325	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C326	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C328	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C329	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C330	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C331	1-165-872-21 s	CAP, ELECT 47MF (5.0X6.5)
C332	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C333	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C334	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C335	1-127-573-91 s	CAP, CHIP CERAMIC 1MF B (2012)
C336	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C337	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C338	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C339	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C340	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C341	1-127-573-91 s	CAP, CHIP CERAMIC 1MF B (2012)
C342	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C343	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C344	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C345	1-165-989-91 s	CAP, CERAMIC 10MF (2012)

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
C346	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C347	1-162-915-91 s	CAP, CERAMIC 10PF CH 1608
C348	1-162-919-91 s	CAP, CERAMIC 22PF CH 1608
C349	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C350	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C351	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C352	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C353	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C354	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C355	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C356	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C357	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C358	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C359	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C360	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C361	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C362	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C363	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C364	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C365	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C366	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C367	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C368	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C369	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C370	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C371	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C372	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C373	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C374	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C375	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C376	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C377	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C378	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C379	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C380	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C381	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C382	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C383	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C384	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C385	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C386	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C387	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C388	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C389	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C390	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C391	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C392	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C393	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C394	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C395	1-162-910-91 s	CAP, CERAMIC 5.0PF CH 1608
C396	1-162-915-91 s	CAP, CERAMIC 10PF CH 1608
C397	1-162-910-91 s	CAP, CERAMIC 5.0PF CH 1608
C398	1-162-915-91 s	CAP, CERAMIC 10PF CH 1608
C399	1-162-910-91 s	CAP, CERAMIC 5.0PF CH 1608
C400	1-162-915-91 s	CAP, CERAMIC 10PF CH 1608
C401	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C402	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C403	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C404	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C405	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C406	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C407	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C408	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C409	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C410	1-165-989-91 s	CAP, CERAMIC 10MF (2012)

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
C620	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
CN501	1-764-093-21 o	PIN, CONNECTOR (PC BOARD) 8P
D101	8-719-017-03 s	DIODE 02DZ4.7-TPH3
D102	8-719-017-03 s	DIODE 02DZ4.7-TPH3
D201	8-719-024-71 s	DIODE 1SS362-TE85L
D202	8-719-064-52 s	DIODE CL-191YG-CD-T
D203	8-719-064-52 s	DIODE CL-191YG-CD-T
D204	8-719-074-31 s	DIODE CL-196YG-CD-T
D205	8-719-077-09 s	DIODE CL-196HR-CD-T
D301	8-719-024-83 s	DIODE 1SS301-TE85L
D302	8-719-820-42 s	DIODE 1SS302-TE85L
D501	8-719-024-83 s	DIODE 1SS301-TE85L
D502	8-719-820-42 s	DIODE 1SS302-TE85L
D503	8-719-820-42 s	DIODE 1SS302-TE85L
D504	8-719-820-42 s	DIODE 1SS302-TE85L
E101	1-535-877-22 s	CHIP, CHECKER
E102	1-535-877-22 s	CHIP, CHECKER
E103	1-535-877-22 s	CHIP, CHECKER
E104	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	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB301	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB302	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FL501	1-813-437-11 s	FILTER, LOW PASS (10MHZ)
FL502	1-813-437-11 s	FILTER, LOW PASS (10MHZ)
FL503	1-813-437-11 s	FILTER, LOW PASS (10MHZ)
IC101	8-759-327-01 s	IC NJM062V (TE2)
IC102	8-759-327-01 s	IC NJM062V (TE2)
IC104	6-701-572-01 s	IC TPS54610PWPR
IC105	6-701-572-01 s	IC TPS54610PWPR
IC106	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC107	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC108	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC109	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC110	6-713-799-01 s	IC BU7122KV-E2
IC111	6-707-885-01 s	IC TC74VHCT08AFT (EKJ)
IC112	8-759-472-18 s	IC 74VHC138MTCX
IC113	6-706-478-01 s	IC TC7SET08FU
IC114	8-759-685-34 s	IC M62352AGP-D60Q
IC116	6-706-491-01 s	IC TC7SH86FU
IC117	6-706-482-01 s	IC TC7SH00FU
IC118	8-759-338-95 s	IC NJM2903V (TE2)
IC201	8-759-675-47 s	IC SN74LVC04APWR
IC202	8-759-675-47 s	IC SN74LVC04APWR
IC203	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC204	8-759-184-65 s	IC TC4W66FU (TE12R)
IC205	8-759-344-12 s	IC GS4981CTAE3
IC206	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC207	8-759-472-65 s	IC 74VHC574MTCX
IC208	8-759-472-65 s	IC 74VHC574MTCX
IC209	8-759-472-65 s	IC 74VHC574MTCX
IC211	6-707-557-01 s	IC CXD9186R
IC212	8-759-327-01 s	IC NJM062V (TE2)
IC213	8-759-472-14 s	IC 74VHC125MTCX
IC301	8-752-371-56 s	IC CXD1171M-TH
IC302	6-700-572-01 s	IC UPD6466GS-515-E2
IC303	6-700-572-01 s	IC UPD6466GS-515-E2
IC304	6-706-484-01 s	IC TC7SH04FU
IC305	8-752-363-45 s	IC CXD1216M-TH
IC306	8-759-276-25 s	IC TLC272CPSR

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC307	8-752-349-19 s	IC CXD1176Q-T4
IC308	6-706-484-01 s	IC TC7SH04FU
IC309	8-759-472-65 s	IC 74VHC574MTCX
IC310	6-707-885-01 s	IC TC74VHCT08AFT (EKJ)
IC311	6-707-556-01 s	IC CXD9184R
IC312	8-759-256-45 s	IC NJM4560M-TE2
IC313	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC314	8-752-391-99 s	IC CXD2315Q-T4
IC315	6-706-478-01 s	IC TC7SET08FU
IC316	8-752-391-99 s	IC CXD2315Q-T4
IC317	6-706-478-01 s	IC TC7SET08FU
IC318	8-752-391-99 s	IC CXD2315Q-T4
IC319	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC320	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC321	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC502	6-700-387-01 s	IC EPC2LC20N-TP
IC503	8-752-414-92 s	IC CXD2309AQ-T6
IC505	8-752-391-99 s	IC CXD2315Q-T4
IC506	8-752-391-99 s	IC CXD2315Q-T4
IC507	8-752-391-99 s	IC CXD2315Q-T4
IC508	6-706-478-01 s	IC TC7SET08FU
IC509	6-706-478-01 s	IC TC7SET08FU
IC510	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC511	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC512	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC516	8-759-523-02 s	IC TC74HC4053AFT (EL)
IC517	8-759-523-02 s	IC TC74HC4053AFT (EL)
IC518	6-707-885-01 s	IC TC74VHCT08AFT (EKJ)
IC519	8-759-662-37 s	IC 74VHCT00AMTCX
L101	1-416-344-21 s	COIL, CHOKE 10UH
L102	1-416-344-21 s	COIL, CHOKE 10UH
L103	1-416-344-21 s	COIL, CHOKE 10UH
L104	1-416-344-21 s	COIL, CHOKE 10UH
L105	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L106	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	1-412-947-21 s	INDUCTOR 4.7UH (2520)
L204	1-414-400-41 s	INDUCTOR (SMD) 22.0UH
L205	1-414-400-41 s	INDUCTOR (SMD) 22.0UH
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
L301	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L302	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L303	1-412-947-21 s	INDUCTOR 4.7UH (2520)
L304	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L305	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L306	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L307	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L308	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L309	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L310	1-412-955-21 s	INDUCTOR, SMALL TYPE 22UH 2520
L311	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L312	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L313	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L314	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L315	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L316	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L317	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L318	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L319	1-412-947-21 s	INDUCTOR 4.7UH (2520)
L320	1-412-947-21 s	INDUCTOR 4.7UH (2520)

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
L321	1-412-947-21 s	INDUCTOR 4.7UH (2520)
L322	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L323	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L324	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L325	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L326	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L327	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	1-412-947-21 s	INDUCTOR 4.7UH (2520)
L506	1-412-947-21 s	INDUCTOR 4.7UH (2520)
L507	1-412-947-21 s	INDUCTOR 4.7UH (2520)
L508	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L509	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L510	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L511	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L512	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L513	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L514	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L515	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L516	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L517	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L518	1-412-955-21 s	INDUCTOR, SMALL TYPE 22UH 2520
L519	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L520	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L521	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L522	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L523	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L524	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
Q101	8-729-209-73 s	TRANSISTOR 2SA1213Y-TE12L
Q102	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q103	8-729-209-73 s	TRANSISTOR 2SA1213Y-TE12L
Q104	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q105	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q201	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q202	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q203	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q204	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q205	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q206	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q207	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q208	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q209	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q501	8-729-144-81 s	TRANSISTOR 2SC4176T1B33B34B35
Q502	8-729-144-81 s	TRANSISTOR 2SC4176T1B33B34B35
Q503	8-729-144-81 s	TRANSISTOR 2SC4176T1B33B34B35
Q504	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q505	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
R101	1-218-883-91 s	RES, CHIP 33K (1608)
R102	1-218-855-91 s	RES, CHIP 2.2K (1608)
R103	1-218-875-91 s	RES, CHIP 15K (1608)
R104	1-218-875-91 s	RES, CHIP 15K (1608)
R105	1-218-879-91 s	RES, CHIP 22K (1608)
R106	1-218-855-91 s	RES, CHIP 2.2K (1608)
R107	1-218-891-91 s	RES, CHIP 68K (1608)
R108	1-218-891-91 s	RES, CHIP 68K (1608)
R109	1-218-875-91 s	RES, CHIP 15K (1608)
R110	1-218-883-91 s	RES, CHIP 33K (1608)
R111	1-218-831-91 s	RES, CHIP 220 (1608)
R112	1-218-871-91 s	RES, CHIP 10K (1608)
R113	1-218-855-91 s	RES, CHIP 2.2K (1608)
R114	1-218-875-91 s	RES, CHIP 15K (1608)

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
R115	1-218-823-91 s	RES, CHIP 100 (1608)
R116	1-218-831-91 s	RES, CHIP 220 (1608)
R117	1-218-831-91 s	RES, CHIP 220 (1608)
R118	1-218-831-91 s	RES, CHIP 220 (1608)
R119	1-218-847-91 s	RES, CHIP 1.0K (1608)
R120	1-218-847-91 s	RES, CHIP 1.0K (1608)
R121	1-218-831-91 s	RES, CHIP 220 (1608)
R122	1-218-851-91 s	RES, CHIP 1.5K (1608)
R123	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R124	1-218-823-91 s	RES, CHIP 100 (1608)
R125	1-218-851-91 s	RES, CHIP 1.5K (1608)
R126	1-218-871-91 s	RES, CHIP 10K (1608)
R127	1-218-823-91 s	RES, CHIP 100 (1608)
R128	1-218-871-91 s	RES, CHIP 10K (1608)
R129	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R130	1-218-855-91 s	RES, CHIP 2.2K (1608)
R131	1-218-871-91 s	RES, CHIP 10K (1608)
R132	1-218-879-91 s	RES, CHIP 22K (1608)
R133	1-218-879-91 s	RES, CHIP 22K (1608)
R134	1-218-859-91 s	RES, CHIP 3.3K (1608)
R135	1-218-871-91 s	RES, CHIP 10K (1608)
R136	1-218-879-91 s	RES, CHIP 22K (1608)
R137	1-218-887-91 s	RES, CHIP 47K (1608)
R138	1-218-879-91 s	RES, CHIP 22K (1608)
R139	1-218-879-91 s	RES, CHIP 22K (1608)
R140	1-218-871-91 s	RES, CHIP 10K (1608)
R141	1-218-855-91 s	RES, CHIP 2.2K (1608)
R142	1-218-863-91 s	RES, CHIP 4.7K (1608)
R143	1-218-887-91 s	RES, CHIP 47K (1608)
R144	1-218-887-91 s	RES, CHIP 47K (1608)
R145	1-218-879-91 s	RES, CHIP 22K (1608)
R146	1-218-867-91 s	RES, CHIP 6.8K (1608)
R147	1-218-883-91 s	RES, CHIP 33K (1608)
R148	1-218-831-91 s	RES, CHIP 220 (1608)
R149	1-218-831-91 s	RES, CHIP 220 (1608)
R150	1-218-831-91 s	RES, CHIP 220 (1608)
R151	1-218-831-91 s	RES, CHIP 220 (1608)
R152	1-218-831-91 s	RES, CHIP 220 (1608)
R153	1-211-969-91 s	RES, CHIP 10 (1608)
R154	1-211-969-91 s	RES, CHIP 10 (1608)
R155	1-218-871-91 s	RES, CHIP 10K (1608)
R156	1-218-823-91 s	RES, CHIP 100 (1608)
R157	1-218-823-91 s	RES, CHIP 100 (1608)
R158	1-218-823-91 s	RES, CHIP 100 (1608)
R159	1-218-823-91 s	RES, CHIP 100 (1608)
R160	1-218-823-91 s	RES, CHIP 100 (1608)
R161	1-218-823-91 s	RES, CHIP 100 (1608)
R165	1-218-823-91 s	RES, CHIP 100 (1608)
R166	1-218-823-91 s	RES, CHIP 100 (1608)
R168	1-218-823-91 s	RES, CHIP 100 (1608)
R171	1-218-871-91 s	RES, CHIP 10K (1608)
R174	1-218-895-91 s	RES, CHIP 100K (1608)
R175	1-218-895-91 s	RES, CHIP 100K (1608)
R176	1-218-847-91 s	RES, CHIP 1.0K (1608)
R177	1-218-847-91 s	RES, CHIP 1.0K (1608)
R201	1-218-835-91 s	RES, CHIP 330 (1608)
R202	1-218-839-91 s	RES, CHIP 470 (1608)
R203	1-218-823-91 s	RES, CHIP 100 (1608)
R204	1-211-985-91 s	RES, CHIP 47 (1608)
R205	1-218-855-91 s	RES, CHIP 2.2K (1608)
R206	1-218-855-91 s	RES, CHIP 2.2K (1608)
R207	1-218-859-91 s	RES, CHIP 3.3K (1608)
R208	1-218-859-91 s	RES, CHIP 3.3K (1608)
R209	1-218-887-91 s	RES, CHIP 47K (1608)
R210	1-211-985-91 s	RES, CHIP 47 (1608)

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
R211	1-211-985-91 s	RES, CHIP 47 (1608)
R212	1-218-823-91 s	RES, CHIP 100 (1608)
R213	1-218-863-91 s	RES, CHIP 4.7K (1608)
R214	1-218-863-91 s	RES, CHIP 4.7K (1608)
R215	1-218-823-91 s	RES, CHIP 100 (1608)
R216	1-218-823-91 s	RES, CHIP 100 (1608)
R217	1-218-823-91 s	RES, CHIP 100 (1608)
R218	1-218-871-91 s	RES, CHIP 10K (1608)
R219	1-218-863-91 s	RES, CHIP 4.7K (1608)
R220	1-218-847-91 s	RES, CHIP 1.0K (1608)
R221	1-218-823-91 s	RES, CHIP 100 (1608)
R222	1-218-823-91 s	RES, CHIP 100 (1608)
R223	1-211-985-91 s	RES, CHIP 47 (1608)
R224	1-211-985-91 s	RES, CHIP 47 (1608)
R225	1-211-985-91 s	RES, CHIP 47 (1608)
R226	1-211-985-91 s	RES, CHIP 47 (1608)
R227	1-211-985-91 s	RES, CHIP 47 (1608)
R228	1-211-985-91 s	RES, CHIP 47 (1608)
R229	1-211-985-91 s	RES, CHIP 47 (1608)
R230	1-211-985-91 s	RES, CHIP 47 (1608)
R231	1-211-985-91 s	RES, CHIP 47 (1608)
R232	1-211-985-91 s	RES, CHIP 47 (1608)
R233	1-218-919-91 s	RES, CHIP 1M (1608)
R234	1-218-823-91 s	RES, CHIP 100 (1608)
R235	1-218-907-91 s	RES, CHIP 330K (1608)
R236	1-218-871-91 s	RES, CHIP 10K (1608)
R237	1-218-823-91 s	RES, CHIP 100 (1608)
R238	1-218-871-91 s	RES, CHIP 10K (1608)
R239	1-218-823-91 s	RES, CHIP 100 (1608)
R240	1-218-907-91 s	RES, CHIP 330K (1608)
R241	1-218-879-91 s	RES, CHIP 22K (1608)
R242	1-218-899-91 s	RES, CHIP 150K (1608)
R243	1-218-895-91 s	RES, CHIP 100K (1608)
R244	1-218-879-91 s	RES, CHIP 22K (1608)
R245	1-218-879-91 s	RES, CHIP 22K (1608)
R246	1-218-855-91 s	RES, CHIP 2.2K (1608)
R247	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R248	1-218-879-91 s	RES, CHIP 22K (1608)
R249	1-218-859-91 s	RES, CHIP 3.3K (1608)
R250	1-218-915-91 s	RES, CHIP 680K (1608)
R251	1-218-911-91 s	RES, CHIP 470K (1608)
R252	1-218-915-91 s	RES, CHIP 680K (1608)
R253	1-218-871-91 s	RES, CHIP 10K (1608)
R254	1-218-843-91 s	RES, CHIP 680 (1608)
R255	1-218-871-91 s	RES, CHIP 10K (1608)
R256	1-218-871-91 s	RES, CHIP 10K (1608)
R257	1-218-871-91 s	RES, CHIP 10K (1608)
R258	1-218-895-91 s	RES, CHIP 100K (1608)
R259	1-218-863-91 s	RES, CHIP 4.7K (1608)
R260	1-211-985-91 s	RES, CHIP 47 (1608)
R261	1-218-823-91 s	RES, CHIP 100 (1608)
R262	1-218-823-91 s	RES, CHIP 100 (1608)
R263	1-218-823-91 s	RES, CHIP 100 (1608)
R264	1-218-823-91 s	RES, CHIP 100 (1608)
R265	1-218-823-91 s	RES, CHIP 100 (1608)
R266	1-218-887-91 s	RES, CHIP 47K (1608)
R267	1-218-823-91 s	RES, CHIP 100 (1608)
R268	1-218-823-91 s	RES, CHIP 100 (1608)
R269	1-218-887-91 s	RES, CHIP 47K (1608)
R271	1-218-823-91 s	RES, CHIP 100 (1608)
R272	1-218-823-91 s	RES, CHIP 100 (1608)
R273	1-218-823-91 s	RES, CHIP 100 (1608)
R274	1-218-823-91 s	RES, CHIP 100 (1608)
R275	1-218-887-91 s	RES, CHIP 47K (1608)
R276	1-218-847-91 s	RES, CHIP 1.0K (1608)

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
R277	1-218-887-91 s	RES, CHIP 47K (1608)
R278	1-218-847-91 s	RES, CHIP 1.0K (1608)
R279	1-218-823-91 s	RES, CHIP 100 (1608)
R280	1-218-823-91 s	RES, CHIP 100 (1608)
R281	1-218-823-91 s	RES, CHIP 100 (1608)
R282	1-218-823-91 s	RES, CHIP 100 (1608)
R283	1-218-823-91 s	RES, CHIP 100 (1608)
R284	1-218-831-91 s	RES, CHIP 220 (1608)
R285	1-218-871-91 s	RES, CHIP 10K (1608)
R286	1-211-969-91 s	RES, CHIP 10 (1608)
R287	1-218-871-91 s	RES, CHIP 10K (1608)
R288	1-218-823-91 s	RES, CHIP 100 (1608)
R289	1-218-871-91 s	RES, CHIP 10K (1608)
R290	1-218-823-91 s	RES, CHIP 100 (1608)
R291	1-218-823-91 s	RES, CHIP 100 (1608)
R292	1-218-823-91 s	RES, CHIP 100 (1608)
R293	1-218-823-91 s	RES, CHIP 100 (1608)
R294	1-218-823-91 s	RES, CHIP 100 (1608)
R295	1-218-823-91 s	RES, CHIP 100 (1608)
R296	1-218-871-91 s	RES, CHIP 10K (1608)
R297	1-218-823-91 s	RES, CHIP 100 (1608)
R298	1-218-823-91 s	RES, CHIP 100 (1608)
R299	1-218-823-91 s	RES, CHIP 100 (1608)
R301	1-218-823-91 s	RES, CHIP 100 (1608)
R302	1-218-839-91 s	RES, CHIP 470 (1608)
R303	1-218-855-91 s	RES, CHIP 2.2K (1608)
R305	1-218-883-91 s	RES, CHIP 33K (1608)
R306	1-218-879-91 s	RES, CHIP 22K (1608)
R307	1-218-847-91 s	RES, CHIP 1.0K (1608)
R308	1-218-839-91 s	RES, CHIP 470 (1608)
R309	1-218-839-91 s	RES, CHIP 470 (1608)
R311	1-218-895-91 s	RES, CHIP 100K (1608)
R312	1-218-831-91 s	RES, CHIP 220 (1608)
R313	1-218-871-91 s	RES, CHIP 10K (1608)
R314	1-218-871-91 s	RES, CHIP 10K (1608)
R315	1-211-985-91 s	RES, CHIP 47 (1608)
R316	1-211-985-91 s	RES, CHIP 47 (1608)
R317	1-211-985-91 s	RES, CHIP 47 (1608)
R318	1-218-823-91 s	RES, CHIP 100 (1608)
R319	1-211-985-91 s	RES, CHIP 47 (1608)
R320	1-218-871-91 s	RES, CHIP 10K (1608)
R321	1-218-871-91 s	RES, CHIP 10K (1608)
R322	1-218-847-91 s	RES, CHIP 1.0K (1608)
R323	1-218-855-91 s	RES, CHIP 2.2K (1608)
R324	1-218-835-91 s	RES, CHIP 330 (1608)
R325	1-218-851-91 s	RES, CHIP 1.5K (1608)
R326	1-218-823-91 s	RES, CHIP 100 (1608)
R327	1-211-969-91 s	RES, CHIP 10 (1608)
R329	1-218-879-91 s	RES, CHIP 22K (1608)
R331	1-218-823-91 s	RES, CHIP 100 (1608)
R332	1-218-823-91 s	RES, CHIP 100 (1608)
R333	1-211-985-91 s	RES, CHIP 47 (1608)
R334	1-218-871-91 s	RES, CHIP 10K (1608)
R341	1-218-823-91 s	RES, CHIP 100 (1608)
R342	1-218-871-91 s	RES, CHIP 10K (1608)
R343	1-218-871-91 s	RES, CHIP 10K (1608)
R344	1-218-871-91 s	RES, CHIP 10K (1608)
R345	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R346	1-218-871-91 s	RES, CHIP 10K (1608)
R347	1-218-863-91 s	RES, CHIP 4.7K (1608)
R348	1-218-863-91 s	RES, CHIP 4.7K (1608)
R349	1-211-969-91 s	RES, CHIP 10 (1608)
R350	1-218-831-91 s	RES, CHIP 220 (1608)
R351	1-218-871-91 s	RES, CHIP 10K (1608)
R352	1-218-871-91 s	RES, CHIP 10K (1608)

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
R353	1-218-871-91 s	RES, CHIP 10K (1608)
R354	1-218-863-91 s	RES, CHIP 4.7K (1608)
R355	1-218-847-91 s	RES, CHIP 1.0K (1608)
R356	1-218-847-91 s	RES, CHIP 1.0K (1608)
R357	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R358	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R360	1-218-831-91 s	RES, CHIP 220 (1608)
R361	1-218-831-91 s	RES, CHIP 220 (1608)
R362	1-218-831-91 s	RES, CHIP 220 (1608)
R363	1-218-831-91 s	RES, CHIP 220 (1608)
R364	1-218-823-91 s	RES, CHIP 100 (1608)
R365	1-211-985-91 s	RES, CHIP 47 (1608)
R366	1-218-855-91 s	RES, CHIP 2.2K (1608)
R367	1-218-831-91 s	RES, CHIP 220 (1608)
R368	1-218-831-91 s	RES, CHIP 220 (1608)
R369	1-218-823-91 s	RES, CHIP 100 (1608)
R370	1-218-831-91 s	RES, CHIP 220 (1608)
R371	1-218-831-91 s	RES, CHIP 220 (1608)
R372	1-218-831-91 s	RES, CHIP 220 (1608)
R373	1-218-847-91 s	RES, CHIP 1.0K (1608)
R375	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R376	1-218-855-91 s	RES, CHIP 2.2K (1608)
R377	1-218-851-91 s	RES, CHIP 1.5K (1608)
R378	1-211-985-91 s	RES, CHIP 47 (1608)
R379	1-218-851-91 s	RES, CHIP 1.5K (1608)
R380	1-218-843-91 s	RES, CHIP 680 (1608)
R381	1-218-851-91 s	RES, CHIP 1.5K (1608)
R382	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R383	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R384	1-218-843-91 s	RES, CHIP 680 (1608)
R387	1-218-827-91 s	RES, CHIP 150 (1608)
R390	1-218-831-91 s	RES, CHIP 220 (1608)
R391	1-218-827-91 s	RES, CHIP 150 (1608)
R392	1-218-827-91 s	RES, CHIP 150 (1608)
R393	1-218-823-91 s	RES, CHIP 100 (1608)
R394	1-218-823-91 s	RES, CHIP 100 (1608)
R396	1-218-823-91 s	RES, CHIP 100 (1608)
R398	1-218-823-91 s	RES, CHIP 100 (1608)
R400	1-218-859-91 s	RES, CHIP 3.3K (1608)
R401	1-218-859-91 s	RES, CHIP 3.3K (1608)
R402	1-218-859-91 s	RES, CHIP 3.3K (1608)
R403	1-218-831-91 s	RES, CHIP 220 (1608)
R404	1-218-831-91 s	RES, CHIP 220 (1608)
R405	1-218-831-91 s	RES, CHIP 220 (1608)
R406	1-218-835-91 s	RES, CHIP 330 (1608)
R407	1-218-835-91 s	RES, CHIP 330 (1608)
R408	1-218-835-91 s	RES, CHIP 330 (1608)
R409	1-218-851-91 s	RES, CHIP 1.5K (1608)
R410	1-218-851-91 s	RES, CHIP 1.5K (1608)
R411	1-218-855-91 s	RES, CHIP 2.2K (1608)
R412	1-218-851-91 s	RES, CHIP 1.5K (1608)
R413	1-218-851-91 s	RES, CHIP 1.5K (1608)
R414	1-218-855-91 s	RES, CHIP 2.2K (1608)
R415	1-218-851-91 s	RES, CHIP 1.5K (1608)
R416	1-218-851-91 s	RES, CHIP 1.5K (1608)
R417	1-218-855-91 s	RES, CHIP 2.2K (1608)
R418	1-218-887-91 s	RES, CHIP 47K (1608)
R419	1-218-903-91 s	RES, CHIP 220K (1608)
R420	1-218-887-91 s	RES, CHIP 47K (1608)
R421	1-218-903-91 s	RES, CHIP 220K (1608)
R422	1-218-887-91 s	RES, CHIP 47K (1608)
R423	1-218-903-91 s	RES, CHIP 220K (1608)
R424	1-218-875-91 s	RES, CHIP 15K (1608)
R425	1-218-875-91 s	RES, CHIP 15K (1608)
R426	1-218-875-91 s	RES, CHIP 15K (1608)

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
R427	1-218-835-91 s	RES, CHIP 330 (1608)
R428	1-218-835-91 s	RES, CHIP 330 (1608)
R429	1-218-835-91 s	RES, CHIP 330 (1608)
R430	1-218-823-91 s	RES, CHIP 100 (1608)
R431	1-218-851-91 s	RES, CHIP 1.5K (1608)
R432	1-218-823-91 s	RES, CHIP 100 (1608)
R433	1-218-851-91 s	RES, CHIP 1.5K (1608)
R434	1-218-823-91 s	RES, CHIP 100 (1608)
R435	1-218-851-91 s	RES, CHIP 1.5K (1608)
R436	1-218-851-91 s	RES, CHIP 1.5K (1608)
R437	1-218-867-91 s	RES, CHIP 6.8K (1608)
R438	1-218-843-91 s	RES, CHIP 680 (1608)
R439	1-218-851-91 s	RES, CHIP 1.5K (1608)
R440	1-218-867-91 s	RES, CHIP 6.8K (1608)
R441	1-218-843-91 s	RES, CHIP 680 (1608)
R442	1-218-851-91 s	RES, CHIP 1.5K (1608)
R443	1-218-867-91 s	RES, CHIP 6.8K (1608)
R444	1-218-843-91 s	RES, CHIP 680 (1608)
R445	1-211-989-91 s	RES, CHIP 68 (1608)
R446	1-211-989-91 s	RES, CHIP 68 (1608)
R447	1-211-989-91 s	RES, CHIP 68 (1608)
R448	1-218-843-91 s	RES, CHIP 680 (1608)
R449	1-218-843-91 s	RES, CHIP 680 (1608)
R450	1-218-843-91 s	RES, CHIP 680 (1608)
R451	1-218-831-91 s	RES, CHIP 220 (1608)
R452	1-218-831-91 s	RES, CHIP 220 (1608)
R453	1-218-831-91 s	RES, CHIP 220 (1608)
R454	1-218-831-91 s	RES, CHIP 220 (1608)
R455	1-218-831-91 s	RES, CHIP 220 (1608)
R456	1-218-831-91 s	RES, CHIP 220 (1608)
R457	1-218-831-91 s	RES, CHIP 220 (1608)
R458	1-211-969-91 s	RES, CHIP 10 (1608)
R459	1-211-969-91 s	RES, CHIP 10 (1608)
R501	1-218-871-91 s	RES, CHIP 10K (1608)
R502	1-218-871-91 s	RES, CHIP 10K (1608)
R503	1-218-847-91 s	RES, CHIP 1.0K (1608)
R504	1-218-823-91 s	RES, CHIP 100 (1608)
R505	1-218-823-91 s	RES, CHIP 100 (1608)
R506	1-218-823-91 s	RES, CHIP 100 (1608)
R507	1-218-823-91 s	RES, CHIP 100 (1608)
R508	1-218-823-91 s	RES, CHIP 100 (1608)
R509	1-218-823-91 s	RES, CHIP 100 (1608)
R510	1-218-823-91 s	RES, CHIP 100 (1608)
R511	1-218-871-91 s	RES, CHIP 10K (1608)
R512	1-218-871-91 s	RES, CHIP 10K (1608)
R513	1-218-871-91 s	RES, CHIP 10K (1608)
R514	1-211-985-91 s	RES, CHIP 47 (1608)
R515	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R516	1-218-847-91 s	RES, CHIP 1.0K (1608)
R517	1-211-985-91 s	RES, CHIP 47 (1608)
R518	1-218-867-91 s	RES, CHIP 6.8K (1608)
R519	1-218-847-91 s	RES, CHIP 1.0K (1608)
R520	1-218-859-91 s	RES, CHIP 3.3K (1608)
R521	1-218-855-91 s	RES, CHIP 2.2K (1608)
R522	1-218-835-91 s	RES, CHIP 330 (1608)
R523	1-218-835-91 s	RES, CHIP 330 (1608)
R524	1-218-835-91 s	RES, CHIP 330 (1608)
R525	1-218-847-91 s	RES, CHIP 1.0K (1608)
R526	1-218-847-91 s	RES, CHIP 1.0K (1608)
R527	1-218-847-91 s	RES, CHIP 1.0K (1608)
R528	1-218-847-91 s	RES, CHIP 1.0K (1608)
R529	1-218-859-91 s	RES, CHIP 3.3K (1608)
R530	1-218-837-91 s	RES, CHIP 390 (1608)
R531	1-218-859-91 s	RES, CHIP 3.3K (1608)
R532	1-218-837-91 s	RES, CHIP 390 (1608)

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
R533	1-218-859-91 s	RES, CHIP 3.3K (1608)
R534	1-218-837-91 s	RES, CHIP 390 (1608)
R535	1-218-847-91 s	RES, CHIP 1.0K (1608)
R536	1-218-847-91 s	RES, CHIP 1.0K (1608)
R537	1-218-847-91 s	RES, CHIP 1.0K (1608)
R538	1-218-823-91 s	RES, CHIP 100 (1608)
R539	1-218-863-91 s	RES, CHIP 4.7K (1608)
R540	1-218-823-91 s	RES, CHIP 100 (1608)
R541	1-218-863-91 s	RES, CHIP 4.7K (1608)
R542	1-218-823-91 s	RES, CHIP 100 (1608)
R543	1-218-863-91 s	RES, CHIP 4.7K (1608)
R544	1-211-985-91 s	RES, CHIP 47 (1608)
R545	1-211-985-91 s	RES, CHIP 47 (1608)
R546	1-211-985-91 s	RES, CHIP 47 (1608)
R547	1-218-823-91 s	RES, CHIP 100 (1608)
R548	1-218-823-91 s	RES, CHIP 100 (1608)
R549	1-218-823-91 s	RES, CHIP 100 (1608)
R550	1-218-823-91 s	RES, CHIP 100 (1608)
R551	1-218-823-91 s	RES, CHIP 100 (1608)
R552	1-218-823-91 s	RES, CHIP 100 (1608)
R553	1-211-985-91 s	RES, CHIP 47 (1608)
R554	1-211-985-91 s	RES, CHIP 47 (1608)
R555	1-211-985-91 s	RES, CHIP 47 (1608)
R556	1-218-843-91 s	RES, CHIP 680 (1608)
R557	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R558	1-218-843-91 s	RES, CHIP 680 (1608)
R559	1-218-859-91 s	RES, CHIP 3.3K (1608)
R560	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R561	1-218-843-91 s	RES, CHIP 680 (1608)
R562	1-218-859-91 s	RES, CHIP 3.3K (1608)
R563	1-218-859-91 s	RES, CHIP 3.3K (1608)
R564	1-218-831-91 s	RES, CHIP 220 (1608)
R565	1-218-831-91 s	RES, CHIP 220 (1608)
R566	1-218-831-91 s	RES, CHIP 220 (1608)
R567	1-218-831-91 s	RES, CHIP 220 (1608)
R568	1-218-899-91 s	RES, CHIP 150K (1608)
R569	1-218-831-91 s	RES, CHIP 220 (1608)
R570	1-218-835-91 s	RES, CHIP 330 (1608)
R571	1-218-835-91 s	RES, CHIP 330 (1608)
R572	1-218-835-91 s	RES, CHIP 330 (1608)
R573	1-218-847-91 s	RES, CHIP 1.0K (1608)
R574	1-218-863-91 s	RES, CHIP 4.7K (1608)
R575	1-218-883-91 s	RES, CHIP 33K (1608)
R576	1-218-847-91 s	RES, CHIP 1.0K (1608)
R577	1-218-863-91 s	RES, CHIP 4.7K (1608)
R578	1-218-883-91 s	RES, CHIP 33K (1608)
R579	1-218-847-91 s	RES, CHIP 1.0K (1608)
R580	1-218-859-91 s	RES, CHIP 3.3K (1608)
R581	1-218-855-91 s	RES, CHIP 2.2K (1608)
R582	1-218-847-91 s	RES, CHIP 1.0K (1608)
R583	1-218-859-91 s	RES, CHIP 3.3K (1608)
R584	1-218-855-91 s	RES, CHIP 2.2K (1608)
R585	1-218-847-91 s	RES, CHIP 1.0K (1608)
R586	1-218-859-91 s	RES, CHIP 3.3K (1608)
R587	1-218-855-91 s	RES, CHIP 2.2K (1608)
R588	1-218-871-91 s	RES, CHIP 10K (1608)
R589	1-218-875-91 s	RES, CHIP 15K (1608)
R590	1-218-875-91 s	RES, CHIP 15K (1608)
R591	1-218-875-91 s	RES, CHIP 15K (1608)
R592	1-218-855-91 s	RES, CHIP 2.2K (1608)
R593	1-218-823-91 s	RES, CHIP 100 (1608)
R594	1-218-823-91 s	RES, CHIP 100 (1608)
R595	1-218-823-91 s	RES, CHIP 100 (1608)
R596	1-218-871-91 s	RES, CHIP 10K (1608)
R597	1-218-859-91 s	RES, CHIP 3.3K (1608)

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
R598	1-218-887-91 s	RES, CHIP 47K (1608)
R599	1-218-823-91 s	RES, CHIP 100 (1608)
R600	1-218-823-91 s	RES, CHIP 100 (1608)
R601	1-218-823-91 s	RES, CHIP 100 (1608)
R602	1-218-851-91 s	RES, CHIP 1.5K (1608)
R603	1-218-887-91 s	RES, CHIP 47K (1608)
R604	1-218-831-91 s	RES, CHIP 220 (1608)
R605	1-218-831-91 s	RES, CHIP 220 (1608)
R606	1-218-859-91 s	RES, CHIP 3.3K (1608)
R607	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R608	1-218-847-91 s	RES, CHIP 1.0K (1608)
R609	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R610	1-218-823-91 s	RES, CHIP 100 (1608)
R611	1-218-827-91 s	RES, CHIP 150 (1608)
R612	1-218-823-91 s	RES, CHIP 100 (1608)
R613	1-218-827-91 s	RES, CHIP 150 (1608)
R614	1-218-859-91 s	RES, CHIP 3.3K (1608)
R615	1-218-859-91 s	RES, CHIP 3.3K (1608)
R616	1-218-859-91 s	RES, CHIP 3.3K (1608)
R617	1-218-859-91 s	RES, CHIP 3.3K (1608)
R618	1-218-851-91 s	RES, CHIP 1.5K (1608)
R619	1-218-823-91 s	RES, CHIP 100 (1608)
R620	1-218-823-91 s	RES, CHIP 100 (1608)
R621	1-218-823-91 s	RES, CHIP 100 (1608)
R622	1-218-851-91 s	RES, CHIP 1.5K (1608)
R623	1-218-827-91 s	RES, CHIP 150 (1608)
R624	1-218-823-91 s	RES, CHIP 100 (1608)
R625	1-218-823-91 s	RES, CHIP 100 (1608)
R626	1-218-823-91 s	RES, CHIP 100 (1608)
R627	1-218-863-91 s	RES, CHIP 4.7K (1608)
R628	1-218-871-91 s	RES, CHIP 10K (1608)
R629	1-218-887-91 s	RES, CHIP 47K (1608)
R630	1-218-843-91 s	RES, CHIP 680 (1608)
R631	1-218-871-91 s	RES, CHIP 10K (1608)
R632	1-218-887-91 s	RES, CHIP 47K (1608)
R633	1-218-843-91 s	RES, CHIP 680 (1608)
R634	1-218-823-91 s	RES, CHIP 100 (1608)
R635	1-211-977-91 s	RES, CHIP 22 (1608)
R636	1-218-851-91 s	RES, CHIP 1.5K (1608)
R637	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R638	1-211-989-91 s	RES, CHIP 68 (1608)
R639	1-211-989-91 s	RES, CHIP 68 (1608)
R640	1-218-843-91 s	RES, CHIP 680 (1608)
R641	1-218-823-91 s	RES, CHIP 100 (1608)
R642	1-218-831-91 s	RES, CHIP 220 (1608)
R643	1-218-843-91 s	RES, CHIP 680 (1608)
R644	1-218-859-91 s	RES, CHIP 3.3K (1608)
R645	1-218-851-91 s	RES, CHIP 1.5K (1608)
R646	1-218-823-91 s	RES, CHIP 100 (1608)
R647	1-218-831-91 s	RES, CHIP 220 (1608)
R648	1-218-875-91 s	RES, CHIP 15K (1608)
R649	1-218-879-91 s	RES, CHIP 22K (1608)
R650	1-218-839-91 s	RES, CHIP 470 (1608)
R651	1-218-851-91 s	RES, CHIP 1.5K (1608)
R652	1-218-835-91 s	RES, CHIP 330 (1608)
R653	1-218-831-91 s	RES, CHIP 220 (1608)
R654	1-218-827-91 s	RES, CHIP 150 (1608)
R655	1-218-827-91 s	RES, CHIP 150 (1608)
R656	1-211-989-91 s	RES, CHIP 68 (1608)
R657	1-218-827-91 s	RES, CHIP 150 (1608)
R658	1-218-827-91 s	RES, CHIP 150 (1608)
R659	1-218-843-91 s	RES, CHIP 680 (1608)
R660	1-218-831-91 s	RES, CHIP 220 (1608)
R661	1-218-827-91 s	RES, CHIP 150 (1608)
R662	1-218-827-91 s	RES, CHIP 150 (1608)

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
RB329	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB330	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB331	1-234-373-21 s	RES, NETWORK 220 (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	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB506	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB507	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB508	1-234-372-21 s	RES, NETWORK 100 (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)
RB512	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB513	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB514	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB515	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB516	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB517	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB518	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB519	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB520	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB521	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB522	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB523	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB524	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB525	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB526	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB527	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB528	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB535	1-234-523-21 s	CONDUCTOR, NETWORK 1608X4
RB536	1-234-523-21 s	CONDUCTOR, NETWORK 1608X4
RB537	1-234-523-21 s	CONDUCTOR, NETWORK 1608X4
RB538	1-234-523-21 s	CONDUCTOR, NETWORK 1608X4
RB544	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RV301	1-225-793-21 s	RES, ADJ, CERMET 20K
RV302	1-225-792-21 s	RES, ADJ, CERMET 10K
RV303	1-225-787-21 s	RES, ADJ, CERMET 500
RV304	1-225-787-21 s	RES, ADJ, CERMET 500
RV305	1-225-787-21 s	RES, ADJ, CERMET 500
RV501	1-225-792-21 s	RES, ADJ, CERMET 10K
RV502	1-225-791-21 s	RES, ADJ, CERMET 5K
RV503	1-225-791-21 s	RES, ADJ, CERMET 5K
RV504	1-225-787-21 s	RES, ADJ, CERMET 500
RV505	1-225-787-21 s	RES, ADJ, CERMET 500
RV506	1-225-787-21 s	RES, ADJ, CERMET 500
S201	1-762-120-21 s	SWITCH, TOGGLE
S301	1-570-711-33 s	SWITCH, SLIDE
THP101 	1-533-817-21 s	THERMISTOR
THP102 	1-533-817-21 s	THERMISTOR
THP103 	1-533-817-21 s	THERMISTOR
THP104 	1-533-817-21 s	THERMISTOR
THP105 	1-533-817-21 s	THERMISTOR
THP106 	1-803-615-21 s	THERMISTOR, POSITIVE
THP107 	1-803-615-21 s	THERMISTOR, POSITIVE
TP201	1-535-877-22 s	CHIP, CHECKER
TP202	1-535-877-22 s	CHIP, CHECKER
TP203	1-535-877-22 s	CHIP, CHECKER
TP204	1-535-877-22 s	CHIP, CHECKER
TP205	1-535-877-22 s	CHIP, CHECKER
TP206	1-535-877-22 s	CHIP, CHECKER

EN-159B BOARD

Ref. No. or Q'ty	Part No.	SP Description
TP207	1-535-877-22 s	CHIP, CHECKER
TP301	1-535-877-22 s	CHIP, CHECKER
TP302	1-535-877-22 s	CHIP, CHECKER
TP303	1-535-877-22 s	CHIP, CHECKER
TP304	1-535-877-22 s	CHIP, CHECKER
TP305	1-535-877-22 s	CHIP, CHECKER
TP306	1-535-877-22 s	CHIP, CHECKER
TP307	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
1pc	A-1132-794-A s	MOUNTED CIRCUIT BOARD, HIF-26
8pcs	3-364-941-01 s	SCREW (+B) (2.6X5), NYLON
C1	1-128-589-21 s	CAP, CHIP ELECT 47MF
C2	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C3	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C4	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C6	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C7	1-126-394-21 s	CAP, CHIP ELECT 10MF (4X5.7)
C11	1-128-589-21 s	CAP, CHIP ELECT 47MF
C101	1-100-507-91 s	CAP, CERAMIC 4.7MF C (1608)
C102	1-100-507-91 s	CAP, CERAMIC 4.7MF C (1608)
C103	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C104	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C105	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C106	1-100-507-91 s	CAP, CERAMIC 4.7MF C (1608)
C107	1-100-507-91 s	CAP, CERAMIC 4.7MF C (1608)
C201	1-100-507-91 s	CAP, CERAMIC 4.7MF C (1608)
C202	1-100-507-91 s	CAP, CERAMIC 4.7MF C (1608)
C203	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C204	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C205	1-100-506-91 s	CAP, CERAMIC 1MF C (1005)
C206	1-100-507-91 s	CAP, CERAMIC 4.7MF C (1608)
C207	1-100-507-91 s	CAP, CERAMIC 4.7MF C (1608)
CN102	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN103	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN104	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN105	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
E1	1-535-877-22 s	CHIP, CHECKER
FB101	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB102	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB201	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB202	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
IC1	8-759-327-01 s	IC NJM062V (TE2)
IC2	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC101	6-709-619-01 s	IC GS1578ACNE3
IC201	6-709-619-01 s	IC GS1578ACNE3
L1	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L101	1-414-457-21 s	INDUCTOR, CHIP (S) 3.3NH
L102	1-414-457-21 s	INDUCTOR, CHIP (S) 3.3NH
L201	1-414-457-21 s	INDUCTOR, CHIP (S) 3.3NH
L202	1-414-457-21 s	INDUCTOR, CHIP (S) 3.3NH
Q1	8-729-209-73 s	TRANSISTOR 2SA1213Y-TE12L
Q2	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR

HIF-26 BOARD

HIF-26 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q3	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
R1	1-208-871-81 s	RES, CHIP 220 (1005)
R2	1-208-879-81 s	RES, CHIP 470 (1005)
R3	1-208-871-81 s	RES, CHIP 220 (1005)
R4	1-208-907-81 s	RES, CHIP 6.8K (1005)
R5	1-208-871-81 s	RES, CHIP 220 (1005)
R6	1-208-919-81 s	RES, CHIP 22K (1005)
R7	1-208-927-81 s	RES, CHIP 47K (1005)
R8	1-208-927-81 s	RES, CHIP 47K (1005)
R9	1-208-927-81 s	RES, CHIP 47K (1005)
R10	1-208-927-81 s	RES, CHIP 47K (1005)
R11	1-208-863-81 s	RES, CHIP 100 (1005)
R12	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R101	1-208-863-81 s	RES, CHIP 100 (1005)
R102	1-208-856-81 s	RES, CHIP 51 (1005)
R103	1-208-856-81 s	RES, CHIP 51 (1005)
R104	1-208-855-81 s	RES, CHIP 47 (1005)
R105	1-208-935-81 s	RES, CHIP 100K (1005)
R106	1-208-883-81 s	RES, CHIP 680 (1005)
R107	1-208-860-81 s	RES, CHIP 75 (1005)
R108	1-208-860-81 s	RES, CHIP 75 (1005)
R109	1-208-863-81 s	RES, CHIP 100 (1005)
R110	1-208-863-81 s	RES, CHIP 100 (1005)
R113	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R114	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)
R201	1-208-856-81 s	RES, CHIP 51 (1005)
R202	1-208-863-81 s	RES, CHIP 100 (1005)
R203	1-208-856-81 s	RES, CHIP 51 (1005)
R204	1-208-855-81 s	RES, CHIP 47 (1005)
R205	1-208-935-81 s	RES, CHIP 100K (1005)
R206	1-208-883-81 s	RES, CHIP 680 (1005)
R207	1-208-860-81 s	RES, CHIP 75 (1005)
R208	1-208-860-81 s	RES, CHIP 75 (1005)
R209	1-208-863-81 s	RES, CHIP 100 (1005)
R210	1-208-863-81 s	RES, CHIP 100 (1005)
R211	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R213	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)

HIF-57 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1764-670-A s	MOUNTED CIRCUIT BOARD, HIF-57
8pcs	3-364-941-01 s	SCREW (+B) (2.6X5), NYLON
C1	1-128-589-21 s	CAP, CHIP ELECT 47MF
C2	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C3	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C4	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C5	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C6	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C7	1-126-394-21 s	CAP, CHIP ELECT 10MF (4X5.7)
C11	1-128-589-21 s	CAP, CHIP ELECT 47MF
C151	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C153	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C154	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C155	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C156	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C157	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)

HIF-57 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C251	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C253	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C254	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C255	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C256	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C257	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
CN102	1-793-324-21 s	CONNECTOR, COAXIAL (BNC TYPE)
CN103	1-793-324-21 s	CONNECTOR, COAXIAL (BNC TYPE)
CN104	1-793-324-21 s	CONNECTOR, COAXIAL (BNC TYPE)
CN105	1-793-324-21 s	CONNECTOR, COAXIAL (BNC TYPE)
D1	6-500-697-01 s	DI UDZSUSTE-173.3B
E1	1-535-877-22 s	CHIP, CHECKER
FB151	1-481-195-21 s	FERRITE, EMI (SMD)
FB152	1-481-195-21 s	FERRITE, EMI (SMD)
FB251	1-481-195-21 s	FERRITE, EMI (SMD)
FB252	1-481-195-21 s	FERRITE, EMI (SMD)
IC1	8-759-327-01 s	IC NJM062V(TE2)
IC2	6-704-976-01 s	IC ADR381ARTZ-REEL7
L1	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L151	1-414-836-21 s	INDUCTOR, CHIP 4.7NH (1005)
L152	1-414-836-21 s	INDUCTOR, CHIP 4.7NH (1005)
L251	1-414-836-21 s	INDUCTOR, CHIP 4.7NH (1005)
L252	1-414-836-21 s	INDUCTOR, CHIP 4.7NH (1005)
Q1	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q3	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
R3	1-208-871-81 s	RES, CHIP 220 (1005)
R4	1-208-907-81 s	RES, CHIP 6.8K (1005)
R5	1-208-871-81 s	RES, CHIP 220 (1005)
R6	1-208-919-81 s	RES, CHIP 22K (1005)
R7	1-208-927-81 s	RES, CHIP 47K (1005)
R8	1-208-927-81 s	RES, CHIP 47K (1005)
R9	1-208-927-81 s	RES, CHIP 47K (1005)
R10	1-208-927-81 s	RES, CHIP 47K (1005)
R11	1-208-863-81 s	RES, CHIP 100 (1005)
R12	1-208-903-81 s	RES, CHIP 4.7K (1005)
R153	1-208-856-81 s	RES, CHIP 51 (1005)
R154	1-208-863-81 s	RES, CHIP 100 (1005)
R155	1-208-856-81 s	RES, CHIP 51 (1005)
R156	1-208-935-81 s	RES, CHIP 100K (1005)
R157	1-208-855-81 s	RES, CHIP 47 (1005)
R158	1-208-883-81 s	RES, CHIP 680 (1005)
R159	1-208-935-81 s	RES, CHIP 100K (1005)
R160	1-208-860-81 s	RES, CHIP 75 (1005)
R161	1-208-860-81 s	RES, CHIP 75 (1005)
R162	1-208-860-81 s	RES, CHIP 75 (1005)
R163	1-208-860-81 s	RES, CHIP 75 (1005)
R253	1-208-856-81 s	RES, CHIP 51 (1005)
R254	1-208-863-81 s	RES, CHIP 100 (1005)
R255	1-208-856-81 s	RES, CHIP 51 (1005)
R256	1-208-935-81 s	RES, CHIP 100K (1005)
R257	1-208-855-81 s	RES, CHIP 47 (1005)
R258	1-208-883-81 s	RES, CHIP 680 (1005)
R259	1-208-935-81 s	RES, CHIP 100K (1005)
R260	1-208-860-81 s	RES, CHIP 75 (1005)
R261	1-208-860-81 s	RES, CHIP 75 (1005)
R262	1-208-860-81 s	RES, CHIP 75 (1005)
R263	1-208-860-81 s	RES, CHIP 75 (1005)

LE-378 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1860-200-A	s MOUNTED CIRCUIT BOARD, LE-378
CN1	1-784-435-21	o CONNECTOR, BOARD TO BOARD 30P
D23	6-502-598-01	s DI SML-D12U8WT86
D24	6-502-196-01	s DI SML-D12Y8WT86SP
D25	6-502-197-01	s DI SML-D12M8WT86SM
D26	6-502-197-01	s DI SML-D12M8WT86SM
D27	6-502-598-01	s DI SML-D12U8WT86
D28	6-502-196-01	s DI SML-D12Y8WT86SP
D29	6-502-197-01	s DI SML-D12M8WT86SM
D30	6-502-197-01	s DI SML-D12M8WT86SM
ND1	6-503-067-01	s DI LF-301MKN
ND2	6-503-067-01	s DI LF-301MKN

MB-1180 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1860-201-A	s MOUNTED CIRCUIT BOARD, MB-1180
CN31	1-580-547-11	o PIN, CONNECTOR (PC BOARD) 36P
CN32	1-779-092-11	s PIN, CONNECTOR (PC BOARD) 10P

PS-780 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	△ A-1769-658-A	s MOUNTED CIRCUIT BOARD, PS-780
1pc	△ 1-576-230-51	s FUSE (H.B.C.) (3.15A/250V)
1pc	△ 1-576-300-51	s FUSE, H.B.C. (8A/250V)
2pcs	4-382-854-01	s SCREW (M3X8), P, SW (+)
5.7pcs	7-600-000-48	s ADHESIVE AGENT(SC608LVZ2)180ML
C11	1-113-900-51	s CAP, CERAMIC 470PF B
C101	△ 1-114-594-21	s CAP, PP FILM (ACROSS) 0.22MF
C102	△ 1-113-907-51	s CAP, CERAMIC 2200PF E
C103	△ 1-113-907-51	s CAP, CERAMIC 2200PF E
C104	△ 1-113-912-51	s CAP, CERAMIC 4700PF E
C105	△ 1-113-912-51	s CAP, CERAMIC 4700PF E
C106	△ 1-114-594-21	s CAP, PP FILM (ACROSS) 0.22MF
C109	△ 1-100-915-11	s CAP,METALIZED PE FILM 0.47MF
C110	△ 1-112-912-11	s CAP, ELECT 10MF
C111	△ 1-114-921-21	s CAP, CERAMIC 0.22MF X7R (5750)
C113	△ 1-114-265-11	s CAP, METALIZED POLYESTER FILM
C114	1-165-947-91	s CAP, CHIP CERAMIC 2.2MF B 3225
C115	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C116	1-112-679-21	s CAP,CERAMIC 2200PF B (3216)
C117	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C119	1-112-800-11	s CAP, ELECT 100MF
C120	1-112-798-11	s CAP, ELECT 10MF
C122	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C1001	1-114-499-11	s CAP, ELECT 47MF
C1002	1-114-499-11	s CAP, ELECT 47MF
C1003	1-112-801-11	s CAP, ELECT 220MF
C1004	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C1005	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C1006	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C1007	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608

PS-780 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C1008	1-162-966-91	s CAP, CERAMIC 2200PF B 1608
C1009	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C1010	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1011	1-100-864-11	s CAP, FILM 1.0MF
C1012	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C1013	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C1014	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C1016	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C1017	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C1018	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C1019	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C1020	1-112-746-91	s CAP, CERAMIC 4.7MF B (1608)
C1021	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C1023	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C1024	1-115-165-11	s CAP, FILM (ACROSS) 0.1MF
C1025	1-115-164-11	s CAP, FILM (ACROSS) 0.047MF
C1026	1-115-164-11	s CAP, FILM (ACROSS) 0.047MF
C1028	1-115-164-11	s CAP, FILM (ACROSS) 0.047MF
C1029	1-115-164-11	s CAP, FILM (ACROSS) 0.047MF
C1030	1-100-863-11	s CAP, FILM 0.47MF
C1031	1-100-915-11	s CAP,METALIZED PE FILM 0.47MF
C1032	1-165-733-31	s CAP, ELECT 100MF 105
C1033	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C1034	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C3009	1-116-381-11	s CAP, CERAMIC X7R 0.47MF
C3010	1-116-381-11	s CAP, CERAMIC X7R 0.47MF
C3011	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C3012	1-165-629-91	s CAP, CERAMIC 1000000PF B(3225)
C3013	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C3014	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C3015	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C3016	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C3017	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C3018	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C3019	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C3020	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C3021	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C3022	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C3023	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C3024	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C3026	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C3027	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C3031	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C3032	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C3033	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C3034	1-165-585-21	s CAP, CHIP ELECT 47MF
C3035	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C3037	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C3054	1-114-917-11	s CAP, ELECT 150MF
C3081	1-100-758-21	s CAP, CHIP CERAMIC 47000PF 3216
C3089	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C3090	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C5015	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
CN101	△ 1-785-705-11	s PIN, CONNECTOR (PC BOARD) 9P
CN102	△ 1-691-960-11	o PIN, CONNECTOR (PC BOARD) 3P
CN103	△ 1-691-960-11	o PIN, CONNECTOR (PC BOARD) 3P
CN104	△ 1-691-960-11	o PIN, CONNECTOR (PC BOARD) 3P
CN105	△ 1-766-177-11	o PIN, CONNECTOR (PC BOARD) 9P
CN106	△ 1-691-960-11	o PIN, CONNECTOR (PC BOARD) 3P
CN1002	△ 1-766-176-11	o PIN, CONNECTOR (PC BOARD) 6P
CN1003	1-818-714-21	s HEADER ASSEMBLY 20P
CN1005	1-691-291-11	o PIN, CONNECTOR (PC BOARD) 5P
CN3001	1-691-960-11	o PIN, CONNECTOR (PC BOARD) 3P
D101	△ 6-500-839-01	s DIODE D1UBA80

PS-780 BOARD

Ref. No. or Q'ty	Part No.	SP Description
D102	8-719-081-97 s	DIODE MMDL914T1
D103	△ 6-500-406-01 s	DIODE D10XB80
D104	8-719-069-28 s	DI 1SS400FJTE61
D105	8-719-069-55 s	DI UDZSUSTE-175.6B
D106	6-501-658-01 s	DIODE D1FK60
D107	8-719-066-92 s	DIODE D1FL20U-TA
D108	8-719-066-92 s	DIODE D1FL20U-TA
D109	8-719-083-85 s	DI UDZSUSTE-1722B
D1001	8-719-066-92 s	DIODE D1FL20U-TA
D1002	8-719-027-63 s	DIODE D2FL20U-TA
D1003	8-719-066-92 s	DIODE D1FL20U-TA
D1004	6-500-839-01 s	DIODE DIUBA80
D1005	8-719-081-97 s	DIODE MMDL914T1
D1006	8-719-056-48 s	DI 1SS388
D1007	8-719-081-97 s	DIODE MMDL914T1
D3001	6-501-658-01 s	DIODE D1FK60
D3007	6-501-196-01 s	DIODE M1FL40
D3008	6-501-196-01 s	DIODE M1FL40
D3009	6-502-642-01 s	DI RF101L4STE25
D3010	8-719-083-82 s	DI UDZSUSTE-1712B
D3013	8-719-069-28 s	DI 1SS400FJTE61
D3014	8-719-069-28 s	DI 1SS400FJTE61
D3015	6-502-642-01 s	DI RF101L4STE25
D3016	8-719-069-57 s	DI UDZSUSTE-176.8B
D3017	6-501-196-01 s	DIODE M1FL40
F101	△ 1-523-152-11 s	HOLDER, FUSE (10A/250V)
F102	△ 1-523-152-11 s	HOLDER, FUSE (10A/250V)
IC101	△ 6-713-051-01 s	IC STR-A6153E
IC1001	6-711-947-01 s	IC MM1431CURE
IC1002	8-759-338-95 s	IC NJM2903V (TE2)
IC1003	6-711-947-01 s	IC MM1431CURE
IC1004	6-711-947-01 s	IC MM1431CURE
IC1005	8-759-338-95 s	IC NJM2903V (TE2)
IC3001	6-712-159-11 s	IC AD8642ARZ-REEL7
IC3002	8-759-337-40 s	IC NJM2904V (TE2)
IC3003	6-715-288-01 s	IC MIP2E3DMY0LT
IC3004	6-711-947-01 s	IC MM1431CURE
IC3005	6-711-947-01 s	IC MM1431CURE
IC3006	8-759-338-95 s	IC NJM2903V (TE2)
IC3007	8-759-338-95 s	IC NJM2903V (TE2)
IC3008	8-759-337-40 s	IC NJM2904V (TE2)
L101	△ 1-406-749-11 s	COIL, CHOKO 100
L1001	1-409-721-11 s	COIL, CHOKO 42UH
L1002	1-409-721-11 s	COIL, CHOKO 42UH
L1003	1-409-721-11 s	COIL, CHOKO 42UH
L1004	1-409-721-11 s	COIL, CHOKO 42UH
L1005	1-481-603-11 s	BEAD, AMORPHOUS AB-SN 3X2X3SM
L3001	1-419-718-21 s	COIL, CHOKO 470UH
PH11	△ 8-749-016-82 s	PHOTO COUPLER PC123GY2J00F
PH12	△ 8-749-016-82 s	PHOTO COUPLER PC123GY2J00F
PH1001	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH3001	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH3002	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH3003	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH3005	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH3012	6-600-477-01 s	IC TLP281 (GB-TP,F)
Q101	8-729-807-27 s	TRANSISTOR 2SD1621S-TD-E
Q1001	8-729-807-27 s	TRANSISTOR 2SD1621S-TD-E
Q1002	8-729-807-27 s	TRANSISTOR 2SD1621S-TD-E
Q3001	8-729-230-50 s	TRANSISTOR 2SC2712-YG-TE85L
R101	△ 1-219-759-51 s	RESISTOR (SURGE RESISTANT) 1M
R104	1-208-838-91 s	RES, CHIP 220K (2012)

PS-780 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R105	1-208-838-91 s	RES, CHIP 220K (2012)
R106	1-208-838-91 s	RES, CHIP 220K (2012)
R107	1-208-838-91 s	RES, CHIP 220K (2012)
R108	1-208-838-91 s	RES, CHIP 220K (2012)
R109	1-208-830-91 s	RES, CHIP 100K (2012)
R110	1-208-818-91 s	RES, CHIP 33K (2012)
R111	1-218-879-91 s	RES, CHIP 22K (1608)
R112	△ 1-246-155-21 s	RES, NONFLAMMABLE FUSE 1.0
R119	1-211-969-91 s	RES, CHIP 10 (1608)
R120	1-220-305-91 o	RES,SQUARE TYPE CHIP 22K(4532)
R121	1-220-305-91 o	RES,SQUARE TYPE CHIP 22K(4532)
R122	1-220-149-91 s	RES,SQUARE TYPE CHIP 2.2(4532)
R123	1-220-149-91 s	RES,SQUARE TYPE CHIP 2.2(4532)
R126	1-211-981-91 s	RES, CHIP 33 (1608)
R127	1-218-871-91 s	RES, CHIP 10K (1608)
R128	1-218-871-91 s	RES, CHIP 10K (1608)
R129	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R131	1-218-875-91 s	RES, CHIP 15K (1608)
R1001	1-218-895-91 s	RES, CHIP 100K (1608)
R1002	1-218-863-91 s	RES, CHIP 4.7K (1608)
R1003	1-218-883-91 s	RES, CHIP 33K (1608)
R1005	1-218-875-91 s	RES, CHIP 15K (1608)
R1006	1-218-875-91 s	RES, CHIP 15K (1608)
R1007	1-218-875-91 s	RES, CHIP 15K (1608)
R1008	1-218-871-91 s	RES, CHIP 10K (1608)
R1009	1-218-871-91 s	RES, CHIP 10K (1608)
R1010	1-218-867-91 s	RES, CHIP 6.8K (1608)
R1011	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R1012	1-218-883-91 s	RES, CHIP 33K (1608)
R1013	1-218-863-91 s	RES, CHIP 4.7K (1608)
R1015	1-216-365-51 s	RES, METAL OXIDE FILM 0.47
R1016	1-216-365-51 s	RES, METAL OXIDE FILM 0.47
R1017	1-218-863-91 s	RES, CHIP 4.7K (1608)
R1018	1-218-863-91 s	RES, CHIP 4.7K (1608)
R1019	1-220-293-91 s	RES,SQUARE TYPE CHIP 47K(3225)
R1020	1-218-859-91 s	RES, CHIP 3.3K (1608)
R1025	1-220-293-91 s	RES,SQUARE TYPE CHIP 47K(3225)
R1028	1-218-859-91 s	RES, CHIP 3.3K (1608)
R1029	1-220-293-91 s	RES,SQUARE TYPE CHIP 47K(3225)
R1030	1-218-871-91 s	RES, CHIP 10K (1608)
R1031	1-218-871-91 s	RES, CHIP 10K (1608)
R1033	1-215-890-51 s	RES, METAL OXIDE FILM 470
R1035	1-218-851-91 s	RES, CHIP 1.5K (1608)
R1036	1-218-851-91 s	RES, CHIP 1.5K (1608)
R1037	1-218-847-91 s	RES, CHIP 1.0K (1608)
R1039	1-218-847-91 s	RES, CHIP 1.0K (1608)
R1040	1-218-847-91 s	RES, CHIP 1.0K (1608)
R1041	1-218-879-91 s	RES, CHIP 22K (1608)
R1042	1-218-859-91 s	RES, CHIP 3.3K (1608)
R1043	1-218-859-91 s	RES, CHIP 3.3K (1608)
R1044	1-220-221-91 s	RES,SQUARE TYPE CHIP 100(4532)
R1045	1-220-221-91 s	RES,SQUARE TYPE CHIP 100(4532)
R1046	1-220-221-91 s	RES,SQUARE TYPE CHIP 100(4532)
R1047	1-218-871-91 s	RES, CHIP 10K (1608)
R1048	1-218-871-91 s	RES, CHIP 10K (1608)
R1050	1-218-863-91 s	RES, CHIP 4.7K (1608)
R1051	1-218-835-91 s	RES, CHIP 330 (1608)
R1052	1-218-855-91 s	RES, CHIP 2.2K (1608)
R1053	1-218-839-91 s	RES, CHIP 470 (1608)
R1055	1-218-879-91 s	RES, CHIP 22K (1608)
R1056	1-220-285-91 s	RES,SQUARE TYPE CHIP 10K(3225)
R1057	1-220-293-91 s	RES,SQUARE TYPE CHIP 47K(3225)
R1058	1-220-293-91 s	RES,SQUARE TYPE CHIP 47K(3225)
R1059	1-220-293-91 s	RES,SQUARE TYPE CHIP 47K(3225)
R1060	1-220-285-91 s	RES,SQUARE TYPE CHIP 10K(3225)

PS-780 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R1061	1-220-293-91 s	RES,SQUARE TYPE CHIP 47K(3225)
R1062	1-220-293-91 s	RES,SQUARE TYPE CHIP 47K(3225)
R1063	1-220-293-91 s	RES,SQUARE TYPE CHIP 47K(3225)
R1065	1-218-871-91 s	RES, CHIP 10K (1608)
R1066	1-218-895-91 s	RES, CHIP 100K (1608)
R1067	1-218-855-91 s	RES, CHIP 2.2K (1608)
R1068	1-215-890-51 s	RES, METAL OXIDE FILM 470
R1069	1-215-890-51 s	RES, METAL OXIDE FILM 470
R1070	1-216-365-51 s	RES, METAL OXIDE FILM 0.47
R1071	1-220-238-91 s	RES, SQUARE TYPE CHIP 10(3225)
R1072	1-220-238-91 s	RES, SQUARE TYPE CHIP 10(3225)
R1073	1-218-895-91 s	RES, CHIP 100K (1608)
R3001	1-218-859-91 s	RES, CHIP 3.3K (1608)
R3002	1-218-859-91 s	RES, CHIP 3.3K (1608)
R3009	1-218-883-91 s	RES, CHIP 33K (1608)
R3012	1-219-706-21 s	RES, CHIP (SQUARE TYPE) 0.10
R3013	1-219-706-21 s	RES, CHIP (SQUARE TYPE) 0.10
R3014	1-218-839-91 s	RES, CHIP 470 (1608)
R3015	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R3016	1-218-855-91 s	RES, CHIP 2.2K (1608)
R3017	1-218-863-91 s	RES, CHIP 4.7K (1608)
R3019	1-218-895-91 s	RES, CHIP 100K (1608)
R3021	1-218-871-91 s	RES, CHIP 10K (1608)
R3022	1-218-883-91 s	RES, CHIP 33K (1608)
R3023	1-218-847-91 s	RES, CHIP 1.0K (1608)
R3024	1-218-863-91 s	RES, CHIP 4.7K (1608)
R3026	1-218-859-91 s	RES, CHIP 3.3K (1608)
R3027	1-218-863-91 s	RES, CHIP 4.7K (1608)
R3028	1-218-863-91 s	RES, CHIP 4.7K (1608)
R3029	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R3030	1-218-871-91 s	RES, CHIP 10K (1608)
R3031	1-218-871-91 s	RES, CHIP 10K (1608)
R3032	1-218-875-91 s	RES, CHIP 15K (1608)
R3033	1-218-875-91 s	RES, CHIP 15K (1608)
R3034	1-218-875-91 s	RES, CHIP 15K (1608)
R3035	1-218-875-91 s	RES, CHIP 15K (1608)
R3036	1-218-875-91 s	RES, CHIP 15K (1608)
R3037	1-218-843-91 s	RES, CHIP 680 (1608)
R3038	1-218-859-91 s	RES, CHIP 3.3K (1608)
R3039	1-218-895-91 s	RES, CHIP 100K (1608)
R3040	1-218-871-91 s	RES, CHIP 10K (1608)
R3041	1-218-875-91 s	RES, CHIP 15K (1608)
R3042	1-218-875-91 s	RES, CHIP 15K (1608)
R3043	1-218-875-91 s	RES, CHIP 15K (1608)
R3044	1-218-875-91 s	RES, CHIP 15K (1608)
R3045	1-218-875-91 s	RES, CHIP 15K (1608)
R3046	1-211-969-91 s	RES, CHIP 10 (1608)
R3047	1-218-867-91 s	RES, CHIP 6.8K (1608)
R3048	1-218-907-91 s	RES, CHIP 330K (1608)
R3050	1-218-895-91 s	RES, CHIP 100K (1608)
R3051	1-218-871-91 s	RES, CHIP 10K (1608)
R3055	1-215-899-51 s	RES, METAL OXIDE FILM 15K
R3057	1-215-899-51 s	RES, METAL OXIDE FILM 15K
R3058	1-218-871-91 s	RES, CHIP 10K (1608)
R3059	1-218-871-91 s	RES, CHIP 10K (1608)
R3060	1-218-871-91 s	RES, CHIP 10K (1608)
R3061	1-218-879-91 s	RES, CHIP 22K (1608)
R3062	1-218-863-91 s	RES, CHIP 4.7K (1608)
R3063	1-218-859-91 s	RES, CHIP 3.3K (1608)
R3064	1-218-847-91 s	RES, CHIP 1.0K (1608)
R3065	1-218-879-91 s	RES, CHIP 22K (1608)
R3066	1-211-985-91 s	RES, CHIP 47 (1608)
R3067	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R3072	1-218-871-91 s	RES, CHIP 10K (1608)
R3073	1-218-871-91 s	RES, CHIP 10K (1608)

PS-780 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R3074	1-218-867-91 s	RES, CHIP 6.8K (1608)
R3075	1-218-867-91 s	RES, CHIP 6.8K (1608)
R3076	1-218-895-91 s	RES, CHIP 100K (1608)
R3077	1-218-871-91 s	RES, CHIP 10K (1608)
R3078	1-218-859-91 s	RES, CHIP 3.3K (1608)
R3079	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R3080	1-218-871-91 s	RES, CHIP 10K (1608)
R3084	1-218-907-91 s	RES, CHIP 330K (1608)
R3085	1-218-883-91 s	RES, CHIP 33K (1608)
R3086	1-218-871-91 s	RES, CHIP 10K (1608)
R3087	1-218-883-91 s	RES, CHIP 33K (1608)
R3088	1-218-855-91 s	RES, CHIP 2.2K (1608)
R3097	1-218-863-91 s	RES, CHIP 4.7K (1608)
RY101	△ 1-755-488-11 s	RELAY (LKPIAF-18V)
RY1001	△ 1-755-022-12 s	RELAY, POWER
RY1002	△ 1-755-022-12 s	RELAY, POWER
S101	△ 1-798-301-11 s	SWITCH, VOLTAGE SELECTION
S102	△ 1-798-301-11 s	SWITCH, VOLTAGE SELECTION
T11	△ 1-445-786-11 s	TRANSFORMER, CONVERTER (STBY)
T101	△ 1-456-562-11 s	LINE FILTER COIL
TH101	△ 1-811-125-31 s	THERMISTOR, POWER (16D2-15LCS)
TH3001	1-811-125-41 s	THERMISTOR, POWER (16D2-15LD)
TP101	1-780-925-11 s	TERMINAL, LUG
VDR1	△ 1-804-996-21 s	VARISTOR

PS-781 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	△ A-1769-659-A s	MOUNTED CIRCUIT BOARD, PS-781
1pc	1-481-203-11 s	BEAD, FERRITE (HF57BB 2.85)
1pc	△ 1-523-151-11 s	THERMOSTAT (EP223) (13A/26V)
7pcs	4-382-854-01 s	SCREW (M3X8), P, SW (+)
1pc	4-382-854-51 s	SCREW (M3X6), P, SW (+)
3.25pcs	7-600-000-48 s	ADHESIVE AGENT(SC608LVZ2)180ML
C401	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C402	1-137-980-91 s	CAP,CHIP CERAMIC 0.47MF B 3216
C403	1-162-966-91 s	CAP, CERAMIC 2200PF B 1608
C404	1-162-966-91 s	CAP, CERAMIC 2200PF B 1608
C405	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C406	1-162-970-91 s	CAP, CERAMIC 0.01MF B 1608
C407	1-115-416-91 s	CAP,CHIP CERAMIC1000PF CH 1608
C408	1-164-227-91 s	CAP,CERAMIC 22000PF B 1608
C409	1-125-891-91 s	CAP, CHIP CERAMIC0.47MF B 1608
C410	1-112-686-11 s	CAP, CERAMIC 470PF U2J (3216)
C411	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C412	1-112-686-11 s	CAP, CERAMIC 470PF U2J (3216)
C413	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C414	△ 1-116-445-11 s	CAP, ELECT 100MF
C415	△ 1-116-445-11 s	CAP, ELECT 100MF
C416	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C418	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C419	1-115-416-91 s	CAP,CHIP CERAMIC1000PF CH 1608
C420	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C421	1-114-983-91 s	CAP, CHIP CERAMIC 2.2MF B 1608
C422	1-115-339-91 s	CAP, CERAMIC 0.1MF B (2012)
C423	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C424	1-164-315-91 s	CAP, CERAMIC 470PF CH (1608)

PS-781 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C425	1-164-315-91 s	CAP, CERAMIC 470PF CH (1608)
C426	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C427	1-115-416-91 s	CAP,CHIP CERAMIC1000PF CH 1608
C428	1-165-947-91 s	CAP, CHIP CERAMIC 2.2MF B 3225
C429	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C430	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C431	1-112-687-11 s	CAP, CERAMIC 1000PF U2J (3216)
C432	1-165-953-91 s	CAP, METALIZED PP FILM 47000PF
C433	1-164-227-91 s	CAP,CERAMIC 22000PF B 1608
C434	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C497	1-115-416-91 s	CAP,CHIP CERAMIC1000PF CH 1608
C4001	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C4002	1-107-960-91 s	CAP, ELECT 4.7MF
C4003	1-128-961-31 s	CAP, ELECT 220MF
C4004	1-112-912-11 s	CAP, ELECT 10MF
C4005	1-112-912-11 s	CAP, ELECT 10MF
C4006	1-128-954-31 s	CAP, ELECT 1000MF
C4007	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C4008	1-162-966-91 s	CAP, CERAMIC 2200PF B 1608
C4009	1-128-954-31 s	CAP, ELECT 1000MF
C4010	1-162-966-91 s	CAP, CERAMIC 2200PF B 1608
C4011	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C4012	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
CN401	△ 1-785-705-11 s	PIN, CONNECTOR (PC BOARD) 9P
CN402	△ 1-691-960-11 o	PIN, CONNECTOR (PC BOARD) 3P
CN403	△ 1-822-344-11 s	HEADER ASSEMBLY FOR PWB 3P
CN404	△ 1-819-475-11 o	HEADER ASSEMBLY FOR PWB 7P
CN4001	1-691-960-11 o	PIN, CONNECTOR (PC BOARD) 3P
CN4002	△ 1-794-824-11 s	PIN,CONNECTOR(B14B-PASK-1N)14P
D403	8-719-081-97 s	DIODE MMDL914T1
D406	△ 8-719-079-02 s	DIODE SF20L60U
D408	8-719-083-67 s	DI UDZSUSTE-1720B
D409	8-719-069-28 s	DI 1SS400FJTE61
D410	8-719-069-28 s	DI 1SS400FJTE61
D411	8-719-081-97 s	DIODE MMDL914T1
D412	8-719-081-97 s	DIODE MMDL914T1
D4001	6-501-068-01 s	DIODE D4SBN20-7001
D4002	6-501-658-01 s	DIODE D1FK60
D4003	6-503-161-01 s	DI FRF10A40-38A
D4004	6-503-162-01 s	DI FCF10A40-38A
D4005	6-503-152-01 s	DI SBR2045CTFP
D4006	6-500-864-01 s	DIODE RB050LA-40TR
D4007	6-500-864-01 s	DIODE RB050LA-40TR
D4008	6-503-152-01 s	DI SBR2045CTFP
IC401	8-753-311-71 s	IC CXA3790M-T6
IC4001	6-711-947-01 s	IC MM1431CURE
L4001	1-481-602-11 s	BEAD, AMORPHOUS AB-SN 4X2X6SM
L4002	1-481-602-11 s	BEAD, AMORPHOUS AB-SN 4X2X6SM
L4003	1-481-602-11 s	BEAD, AMORPHOUS AB-SN 4X2X6SM
PH41	△ 8-749-016-82 s	PHOTO COUPLER PC123GY2J00F
Q401	8-729-807-27 s	TRANSISTOR 2SD1621S-TD-E
Q402	8-729-805-35 s	TRANSISTOR 2SB1121-S-TD
Q404	△ 6-552-066-01 s	TR SPA17N80C3
Q406	8-729-230-50 s	TRANSISTOR 2SC2712-YG-TE85L
Q407	8-729-230-47 s	TRANSISTOR 2SA1162-YG-TE85L
Q408	8-729-230-50 s	TRANSISTOR 2SC2712-YG-TE85L
Q409	8-729-230-47 s	TRANSISTOR 2SA1162-YG-TE85L
Q410	8-729-230-50 s	TRANSISTOR 2SC2712-YG-TE85L
Q411	8-729-230-50 s	TRANSISTOR 2SC2712-YG-TE85L
Q412	8-729-805-35 s	TRANSISTOR 2SB1121-S-TD
Q413	8-729-805-35 s	TRANSISTOR 2SB1121-S-TD

PS-781 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q414	8-729-230-50 s	TRANSISTOR 2SC2712-YG-TE85L
Q415	8-729-230-50 s	TRANSISTOR 2SC2712-YG-TE85L
Q416	△ 6-551-297-01 s	TRANSISTOR 2SK3568 (LBS1SONY.Q
Q417	△ 6-551-297-01 s	TRANSISTOR 2SK3568 (LBS1SONY.Q
R403	1-211-969-91 s	RES, CHIP 10 (1608)
R404	1-216-791-91 s	RES, CHIP 3.3 (1608)
R405	1-211-977-91 s	RES, CHIP 22 (1608)
R406	1-218-875-91 s	RES, CHIP 15K (1608)
R407	△ 1-242-949-11 s	RES, INCOMBUSTIBILITY FUSE 0.1
R408	1-218-875-91 s	RES, CHIP 15K (1608)
R409	1-218-839-91 s	RES, CHIP 470 (1608)
R410	1-218-839-91 s	RES, CHIP 470 (1608)
R411	1-211-977-91 s	RES, CHIP 22 (1608)
R412	1-218-879-91 s	RES, CHIP 22K (1608)
R413	1-218-233-91 s	RES, SQUARE TYPE CHIP 47 (4532)
R414	1-218-871-91 s	RES, CHIP 10K (1608)
R415	1-218-879-91 s	RES, CHIP 22K (1608)
R416	1-218-859-91 s	RES, CHIP 3.3K (1608)
R417	1-243-639-11 s	RES, METAL PLATE 0.1
R418	1-218-871-91 s	RES, CHIP 10K (1608)
R419	1-218-871-91 s	RES, CHIP 10K (1608)
R420	1-215-907-51 s	RES, METAL OXIDE FILM 22
R421	1-216-829-91 s	RES, CHIP 4.7K (1608)
R422	1-218-875-91 s	RES, CHIP 15K (1608)
R423	1-211-969-91 s	RES, CHIP 10 (1608)
R424	1-211-985-91 s	RES, CHIP 47 (1608)
R425	1-218-867-91 s	RES, CHIP 6.8K (1608)
R427	1-218-823-91 s	RES, CHIP 100 (1608)
R429	1-208-838-91 s	RES, CHIP 220K (2012)
R430	1-208-838-91 s	RES, CHIP 220K (2012)
R431	1-208-838-91 s	RES, CHIP 220K (2012)
R432	1-208-838-91 s	RES, CHIP 220K (2012)
R433	1-208-838-91 s	RES, CHIP 220K (2012)
R434	1-208-838-91 s	RES, CHIP 220K (2012)
R435	1-208-834-91 s	RES, CHIP 150K (2012)
R436	1-208-822-91 s	RES, CHIP 47K (2012)
R437	1-218-871-91 s	RES, CHIP 10K (1608)
R438	1-218-875-91 s	RES, CHIP 15K (1608)
R440	1-208-838-91 s	RES, CHIP 220K (2012)
R441	1-208-838-91 s	RES, CHIP 220K (2012)
R442	1-208-838-91 s	RES, CHIP 220K (2012)
R443	1-208-838-91 s	RES, CHIP 220K (2012)
R444	1-208-838-91 s	RES, CHIP 220K (2012)
R445	1-208-838-91 s	RES, CHIP 220K (2012)
R446	1-208-834-91 s	RES, CHIP 150K (2012)
R447	1-208-822-91 s	RES, CHIP 47K (2012)
R448	1-218-871-91 s	RES, CHIP 10K (1608)
R449	1-218-875-91 s	RES, CHIP 15K (1608)
R451	1-218-887-91 s	RES, CHIP 47K (1608)
R452	1-218-871-91 s	RES, CHIP 10K (1608)
R453	1-218-887-91 s	RES, CHIP 47K (1608)
R454	1-218-875-91 s	RES, CHIP 15K (1608)
R456	1-218-847-91 s	RES, CHIP 1.0K (1608)
R457	1-218-871-91 s	RES, CHIP 10K (1608)
R458	1-218-875-91 s	RES, CHIP 15K (1608)
R462	1-218-863-91 s	RES, CHIP 4.7K (1608)
R463	1-211-985-91 s	RES, CHIP 47 (1608)
R464	1-218-855-91 s	RES, CHIP 2.2K (1608)
R465	1-218-875-91 s	RES, CHIP 15K (1608)
R466	1-218-875-91 s	RES, CHIP 15K (1608)
R467	1-218-855-91 s	RES, CHIP 2.2K (1608)
R468	1-218-855-91 s	RES, CHIP 2.2K (1608)
R469	1-218-875-91 s	RES, CHIP 15K (1608)
R470	1-218-871-91 s	RES, CHIP 10K (1608)

PS-781 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R471	1-218-875-91 s	RES, CHIP 15K (1608)
R472	1-216-789-91 s	RES, CHIP 2.2 (1608)
R473	1-216-789-91 s	RES, CHIP 2.2 (1608)
R474	1-218-871-91 s	RES, CHIP 10K (1608)
R475	1-218-871-91 s	RES, CHIP 10K (1608)
R476	1-243-639-11 s	RES, METAL PLATE 0.1
R477	1-218-831-91 s	RES, CHIP 220 (1608)
R478	1-218-831-91 s	RES, CHIP 220 (1608)
R479	1-218-879-91 s	RES, CHIP 22K (1608)
R480	1-218-879-91 s	RES, CHIP 22K (1608)
R481	1-218-879-91 s	RES, CHIP 22K (1608)
R498	1-218-871-91 s	RES, CHIP 10K (1608)
R4001	1-218-887-91 s	RES, CHIP 47K (1608)
R4002	1-218-867-91 s	RES, CHIP 6.8K (1608)
R4003	1-218-871-91 s	RES, CHIP 10K (1608)
R4004	1-218-911-91 s	RES, CHIP 470K (1608)
R4005	1-218-831-91 s	RES, CHIP 220 (1608)
R4006	1-220-277-91 s	RES,SQUARE TYPE CHIP 2.2K 3225
R4007	1-220-277-91 s	RES,SQUARE TYPE CHIP 2.2K 3225
R4008	1-218-847-91 s	RES, CHIP 1.0K (1608)
R4009	1-218-875-91 s	RES, CHIP 15K (1608)
R4010	1-218-863-91 s	RES, CHIP 4.7K (1608)
R4011	1-218-863-91 s	RES, CHIP 4.7K (1608)
R4012	1-218-871-91 s	RES, CHIP 10K (1608)
T41	⚠ 1-445-855-11 s	TRANSFORMER, CONVERTER
T401	⚠ 1-457-916-11 s	COIL, PFC CHOKE
T402	⚠ 1-445-848-11 s	TRANSFORMER, DRIVE

RC-105 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1856-357-A s	MOUNTED CIRCUIT BOARD, RC-105
4pcs	7-682-947-01 s	SCREW +PSW 3X6
C1	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C2	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C3	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C4	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C5	1-116-346-11 s	CAP, ELECT 47MF 105
C6	1-116-346-11 s	CAP, ELECT 47MF 105
C7	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C8	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
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	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C13	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C14	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C15	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C16	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C17	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C18	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C19	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C20	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C21	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C22	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C23	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C24	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C25	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C26	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C27	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C28	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)

RC-105 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C29	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C30	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C31	1-116-346-11 s	CAP, ELECT 47MF 105
C32	1-116-346-11 s	CAP, ELECT 47MF 105
C33	1-116-346-11 s	CAP, ELECT 47MF 105
C34	1-116-346-11 s	CAP, ELECT 47MF 105
C35	1-116-346-11 s	CAP, ELECT 47MF 105
C36	1-116-346-11 s	CAP, ELECT 47MF 105
C37	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C38	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C39	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C40	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C41	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C42	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C43	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C44	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C45	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C46	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C47	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C48	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C49	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C50	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C51	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C52	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C53	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C54	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C55	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C56	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C57	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C58	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C59	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C60	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C61	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C62	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C63	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C64	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C65	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C66	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C67	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C68	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C69	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C70	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C71	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C72	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C73	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C74	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C75	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C76	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C77	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C78	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C79	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C80	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C81	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C82	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C83	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C84	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C85	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C86	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C87	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C88	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C89	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C91	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C92	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C93	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C94	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005

RC-105 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C979	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C980	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C981	1-112-933-11 s	CAP, NIOBIUM ELECT 47MF
C982	1-114-582-91 s	CAP, CERAMIC 0.1MF 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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C986	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C990	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C991	1-112-933-11 s	CAP, NIOBIUM ELECT 47MF
C992	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C993	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C994	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C995	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C996	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C997	1-112-933-11 s	CAP, NIOBIUM ELECT 47MF
C998	1-112-933-11 s	CAP, NIOBIUM ELECT 47MF
CN3	1-770-627-21 s	PIN, CONNECTOR 10P
D1	8-719-083-60 s	DI UDZSUSTE-174.7B
D2	8-719-083-60 s	DI UDZSUSTE-174.7B
D3	8-719-074-31 s	DIODE CL-196YG-CD-T
D201	8-719-074-31 s	DIODE CL-196YG-CD-T
D202	8-719-074-31 s	DIODE CL-196YG-CD-T
D203	8-719-074-31 s	DIODE CL-196YG-CD-T
D204	6-501-257-01 s	DIODE CL-197TLY-CD-T
D205	6-501-257-01 s	DIODE CL-197TLY-CD-T
D206	8-719-074-31 s	DIODE CL-196YG-CD-T
D207	8-719-074-31 s	DIODE CL-196YG-CD-T
D208	8-719-074-31 s	DIODE CL-196YG-CD-T
D209	8-719-074-31 s	DIODE CL-196YG-CD-T
D210	8-719-074-31 s	DIODE CL-196YG-CD-T
D541	6-500-697-01 s	DI UDZSUSTE-173.3B
D701	8-719-082-45 s	DIODE RB715W-TL
D702	8-719-082-45 s	DIODE RB715W-TL
D703	8-719-082-45 s	DIODE RB715W-TL
D704	8-719-082-45 s	DIODE RB715W-TL
D705	8-719-082-45 s	DIODE RB715W-TL
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
E7	1-535-877-22 s	CHIP, CHECKER
E8	1-535-877-22 s	CHIP, CHECKER
FB1	1-469-094-21 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)
FB4	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB5	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB6	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB40	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB41	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB42	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB43	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB44	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB60	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB61	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB62	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB63	1-469-094-21 s	FERRITE, EMI (SMD) (1608)

RC-105 BOARD

Ref. No. or Q'ty	Part No.	SP Description
FB64	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB80	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB81	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB82	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB83	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB401	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB402	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB501	1-481-195-21 s	FERRITE, EMI (SMD)
FB502	1-481-195-21 s	FERRITE, EMI (SMD)
FB503	1-481-195-21 s	FERRITE, EMI (SMD)
FB504	1-481-195-21 s	FERRITE, EMI (SMD)
FB541	1-481-195-21 s	FERRITE, EMI (SMD)
FB542	1-481-195-21 s	FERRITE, EMI (SMD)
FB543	1-481-195-21 s	FERRITE, EMI (SMD)
FB561	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB581	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FL501	1-200-152-11 s	FILTER (LPF)
FL502	1-200-153-11 s	FILTER (EQ1)
FL503	1-200-154-11 s	FILTER (EQ2)
IC1	8-759-327-01 s	IC NJM062V (TE2)
IC2	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC3	8-759-327-01 s	IC NJM062V (TE2)
IC4	6-713-169-01 s	IC LTC3412AEFE#TR
IC7	8-759-327-01 s	IC NJM062V (TE2)
IC40	6-713-169-01 s	IC LTC3412AEFE#TR
IC60	6-706-220-01 s	IC LTC3411EMS#TR
IC80	6-712-135-01 o	IC R1173H001D-T1-F
IC81	6-712-135-01 o	IC R1173H001D-T1-F
IC201	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC202	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC203	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC204	8-759-592-47 s	IC TC7S208FU (TE85R)
IC205	6-713-799-01 s	IC BU7122KV-E2
IC207	8-759-592-47 s	IC TC7S208FU (TE85R)
IC208	6-704-099-01 s	IC TC7WZ08FK
IC209	6-704-099-01 s	IC TC7WZ08FK
IC226	8-759-592-47 s	IC TC7S208FU (TE85R)
IC230	8-759-592-42 s	IC TC7S200FU (TE85R)
IC231	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC250	8-759-592-47 s	IC TC7S208FU (TE85R)
IC251	8-759-592-47 s	IC TC7S208FU (TE85R)
IC302	6-700-804-01 s	IC SN74LVC574APWR
IC303	8-759-592-42 s	IC TC7S200FU (TE85R)
IC304	6-700-804-01 s	IC SN74LVC574APWR
IC305	6-700-804-01 s	IC SN74LVC574APWR
IC306	6-700-804-01 s	IC SN74LVC574APWR
IC307	8-759-592-42 s	IC TC7S200FU (TE85R)
IC308	8-759-327-01 s	IC NJM062V (TE2)
IC314	8-759-592-47 s	IC TC7S208FU (TE85R)
IC320	8-759-592-42 s	IC TC7S200FU (TE85R)
IC321	8-759-592-42 s	IC TC7S200FU (TE85R)
IC322	6-702-879-01 s	IC R3112N281A-TR-FA
IC324	8-759-592-47 s	IC TC7S208FU (TE85R)
IC325	8-759-592-47 s	IC TC7S208FU (TE85R)
IC327	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC328	8-759-592-48 s	IC TC7SZ32FU (TE85R)
IC330	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC501	6-708-538-01 s	IC CDCVF2510APWR
IC502	8-759-675-47 s	IC SN74LVC04APWR
IC505	6-706-471-01 s	IC THS5661AIPWR
IC506	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC521	8-759-592-42 s	IC TC7S200FU (TE85R)
IC524	8-759-592-49 s	IC TC7SZ125FU (TE85R)
IC525	8-759-592-49 s	IC TC7SZ125FU (TE85R)

RC-105 BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC541	6-709-647-01 s	IC TLC2932AIPWR
IC542	8-759-669-66 s	IC TLC272CPWR-12
IC545	8-759-592-42 s	IC TC7SZ00FU (TE85R)
IC546	8-759-592-48 s	IC TC7SZ32FU (TE85R)
IC561	6-702-535-01 s	IC MC100LVEL11DTR2
IC581	6-702-535-01 s	IC MC100LVEL11DTR2
L1	1-457-372-21 s	COIL, CHOKE 1UH
L40	1-457-372-21 s	COIL, CHOKE 1UH
L60	1-419-630-21 s	COIL, CHOKE 4.7UH
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
L305	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
L401	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L402	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L403	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L404	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L405	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L406	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L407	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L501	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
L541	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L542	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L543	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L544	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L601	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L602	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L603	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L604	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L941	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L942	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L943	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L944	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L945	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L946	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
Q1	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q2	6-550-632-01 s	TRANSISTOR 2SC4672-T100-Q
Q3	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q4	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q5	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q6	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q7	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q202	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q203	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q204	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q205	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q206	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q207	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q208	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q209	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q210	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q211	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q301	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q302	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q541	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q542	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q543	8-729-928-82 s	TRANSISTOR DTC144EE-TL

RC-105 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q544	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
R1	1-208-871-81 s	RES, CHIP 220 (1005)
R2	1-208-871-81 s	RES, CHIP 220 (1005)
R3	1-208-863-81 s	RES, CHIP 100 (1005)
R4	1-208-863-81 s	RES, CHIP 100 (1005)
R5	1-208-863-81 s	RES, CHIP 100 (1005)
R6	1-208-863-81 s	RES, CHIP 100 (1005)
R7	1-208-871-81 s	RES, CHIP 220 (1005)
R8	1-208-871-81 s	RES, CHIP 220 (1005)
R9	1-208-923-81 s	RES, CHIP 33K (1005)
R10	1-208-923-81 s	RES, CHIP 33K (1005)
R11	1-208-923-81 s	RES, CHIP 33K (1005)
R12	1-208-923-81 s	RES, CHIP 33K (1005)
R13	1-208-923-81 s	RES, CHIP 33K (1005)
R14	1-208-923-81 s	RES, CHIP 33K (1005)
R15	1-208-919-81 s	RES, CHIP 22K (1005)
R16	1-208-907-81 s	RES, CHIP 6.8K (1005)
R17	1-208-923-81 s	RES, CHIP 33K (1005)
R19	1-208-899-81 s	RES, CHIP 3.3K (1005)
R20	1-220-804-81 s	RES, CHIP 2.2M
R21	1-208-927-81 s	RES, CHIP 47K (1005)
R22	1-208-927-81 s	RES, CHIP 47K (1005)
R23	1-208-927-81 s	RES, CHIP 47K (1005)
R24	1-208-923-81 s	RES, CHIP 33K (1005)
R25	1-208-895-81 s	RES, CHIP 2.2K (1005)
R26	1-208-915-81 s	RES, CHIP 15K (1005)
R27	1-208-915-81 s	RES, CHIP 15K (1005)
R28	1-208-919-81 s	RES, CHIP 22K (1005)
R29	1-208-895-81 s	RES, CHIP 2.2K (1005)
R30	1-208-863-81 s	RES, CHIP 100 (1005)
R31	1-243-975-81 s	RES, CHIP 4.7M (1005)
R32	1-208-919-81 s	RES, CHIP 22K (1005)
R33	1-208-911-81 s	RES, CHIP 10K (1005)
R34	1-208-895-81 s	RES, CHIP 2.2K (1005)
R35	1-208-915-81 s	RES, CHIP 15K (1005)
R36	1-208-943-81 s	RES, CHIP 220K (1005)
R37	1-208-935-81 s	RES, CHIP 100K (1005)
R38	1-208-927-81 s	RES, CHIP 47K (1005)
R39	1-208-895-81 s	RES, CHIP 2.2K (1005)
R41	1-208-911-81 s	RES, CHIP 10K (1005)
R42	1-220-804-81 s	RES, CHIP 2.2M
R43	1-243-975-81 s	RES, CHIP 4.7M (1005)
R44	1-208-943-81 s	RES, CHIP 220K (1005)
R45	1-208-935-81 s	RES, CHIP 100K (1005)
R46	1-208-919-81 s	RES, CHIP 22K (1005)
R47	1-208-919-81 s	RES, CHIP 22K (1005)
R48	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R49	1-208-919-81 s	RES, CHIP 22K (1005)
R50	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R51	1-208-891-81 s	RES, CHIP 1.5K (1005)
R52	1-208-903-81 s	RES, CHIP 4.7K (1005)
R53	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R55	1-208-887-81 s	RES, CHIP 1.0K (1005)
R56	1-208-911-81 s	RES, CHIP 10K (1005)
R61	1-208-919-81 s	RES, CHIP 22K (1005)
R62	1-208-919-81 s	RES, CHIP 22K (1005)
R63	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R64	1-208-943-81 s	RES, CHIP 220K (1005)
R65	1-208-919-81 s	RES, CHIP 22K (1005)
R66	1-208-959-81 s	RES, CHIP 1M (1005)
R67	1-208-959-81 s	RES, CHIP 1M (1005)
R68	1-243-975-81 s	RES, CHIP 4.7M (1005)
R69	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R70	1-208-927-81 s	RES, CHIP 47K (1005)
R71	1-218-990-81 s	CONDUCTOR, CHIP (1005)

RC-105 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R72	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R80	1-208-887-81 s	RES, CHIP 1.0K (1005)
R81	1-208-911-81 s	RES, CHIP 10K (1005)
R82	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R83	1-208-911-81 s	RES, CHIP 10K (1005)
R84	1-208-911-81 s	RES, CHIP 10K (1005)
R85	1-208-911-81 s	RES, CHIP 10K (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)
R205	1-220-870-81 s	RES, CHIP 10 (1005)
R206	1-208-895-81 s	RES, CHIP 2.2K (1005)
R208	1-208-927-81 s	RES, CHIP 47K (1005)
R209	1-208-887-81 s	RES, CHIP 1.0K (1005)
R210	1-208-927-81 s	RES, CHIP 47K (1005)
R211	1-208-887-81 s	RES, CHIP 1.0K (1005)
R212	1-208-927-81 s	RES, CHIP 47K (1005)
R213	1-208-887-81 s	RES, CHIP 1.0K (1005)
R214	1-208-927-81 s	RES, CHIP 47K (1005)
R215	1-208-903-81 s	RES, CHIP 4.7K (1005)
R216	1-208-927-81 s	RES, CHIP 47K (1005)
R217	1-208-903-81 s	RES, CHIP 4.7K (1005)
R218	1-208-927-81 s	RES, CHIP 47K (1005)
R219	1-208-887-81 s	RES, CHIP 1.0K (1005)
R220	1-208-935-81 s	RES, CHIP 100K (1005)
R222	1-208-927-81 s	RES, CHIP 47K (1005)
R224	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R226	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R227	1-208-887-81 s	RES, CHIP 1.0K (1005)
R228	1-208-935-81 s	RES, CHIP 100K (1005)
R231	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R232	1-208-927-81 s	RES, CHIP 47K (1005)
R233	1-208-887-81 s	RES, CHIP 1.0K (1005)
R234	1-208-927-81 s	RES, CHIP 47K (1005)
R235	1-208-887-81 s	RES, CHIP 1.0K (1005)
R236	1-208-927-81 s	RES, CHIP 47K (1005)
R237	1-208-887-81 s	RES, CHIP 1.0K (1005)
R238	1-208-887-81 s	RES, CHIP 1.0K (1005)
R239	1-220-870-81 s	RES, CHIP 10 (1005)
R240	1-208-887-81 s	RES, CHIP 1.0K (1005)
R252	1-220-878-81 s	RES, CHIP 22 (1005)
R253	1-220-878-81 s	RES, CHIP 22 (1005)
R255	1-208-911-81 s	RES, CHIP 10K (1005)
R257	1-220-870-81 s	RES, CHIP 10 (1005)
R258	1-220-870-81 s	RES, CHIP 10 (1005)
R259	1-220-870-81 s	RES, CHIP 10 (1005)
R260	1-208-887-81 s	RES, CHIP 1.0K (1005)
R261	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R262	1-208-887-81 s	RES, CHIP 1.0K (1005)
R263	1-220-878-81 s	RES, CHIP 22 (1005)
R264	1-220-878-81 s	RES, CHIP 22 (1005)
R265	1-220-878-81 s	RES, CHIP 22 (1005)
R266	1-220-878-81 s	RES, CHIP 22 (1005)
R268	1-208-863-81 s	RES, CHIP 100 (1005)
R269	1-220-878-81 s	RES, CHIP 22 (1005)
R270	1-220-878-81 s	RES, CHIP 22 (1005)
R271	1-208-863-81 s	RES, CHIP 100 (1005)
R272	1-208-911-81 s	RES, CHIP 10K (1005)
R277	1-208-863-81 s	RES, CHIP 100 (1005)
R278	1-208-863-81 s	RES, CHIP 100 (1005)
R299	1-208-863-81 s	RES, CHIP 100 (1005)
R300	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R301	1-208-863-81 s	RES, CHIP 100 (1005)
R303	1-220-878-81 s	RES, CHIP 22 (1005)

RC-105 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R305	1-220-878-81 s	RES, CHIP 22 (1005)
R306	1-208-863-81 s	RES, CHIP 100 (1005)
R308	1-208-887-81 s	RES, CHIP 1.0K (1005)
R310	1-208-887-81 s	RES, CHIP 1.0K (1005)
R311	1-208-887-81 s	RES, CHIP 1.0K (1005)
R313	1-208-887-81 s	RES, CHIP 1.0K (1005)
R315	1-220-870-81 s	RES, CHIP 10 (1005)
R316	1-220-870-81 s	RES, CHIP 10 (1005)
R317	1-220-878-81 s	RES, CHIP 22 (1005)
R318	1-208-911-81 s	RES, CHIP 10K (1005)
R319	1-208-911-81 s	RES, CHIP 10K (1005)
R320	1-208-919-81 s	RES, CHIP 22K (1005)
R321	1-220-870-81 s	RES, CHIP 10 (1005)
R322	1-220-878-81 s	RES, CHIP 22 (1005)
R323	1-220-878-81 s	RES, CHIP 22 (1005)
R324	1-220-878-81 s	RES, CHIP 22 (1005)
R325	1-220-878-81 s	RES, CHIP 22 (1005)
R326	1-220-878-81 s	RES, CHIP 22 (1005)
R327	1-208-911-81 s	RES, CHIP 10K (1005)
R328	1-208-863-81 s	RES, CHIP 100 (1005)
R329	1-208-863-81 s	RES, CHIP 100 (1005)
R331	1-208-911-81 s	RES, CHIP 10K (1005)
R332	1-220-870-81 s	RES, CHIP 10 (1005)
R333	1-208-911-81 s	RES, CHIP 10K (1005)
R334	1-208-863-81 s	RES, CHIP 100 (1005)
R335	1-208-903-81 s	RES, CHIP 4.7K (1005)
R336	1-208-919-81 s	RES, CHIP 22K (1005)
R337	1-208-887-81 s	RES, CHIP 1.0K (1005)
R338	1-208-911-81 s	RES, CHIP 10K (1005)
R340	1-208-927-81 s	RES, CHIP 47K (1005)
R341	1-208-863-81 s	RES, CHIP 100 (1005)
R342	1-220-870-81 s	RES, CHIP 10 (1005)
R343	1-208-911-81 s	RES, CHIP 10K (1005)
R344	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R345	1-208-919-81 s	RES, CHIP 22K (1005)
R346	1-208-911-81 s	RES, CHIP 10K (1005)
R347	1-208-919-81 s	RES, CHIP 22K (1005)
R348	1-208-919-81 s	RES, CHIP 22K (1005)
R349	1-208-911-81 s	RES, CHIP 10K (1005)
R350	1-208-919-81 s	RES, CHIP 22K (1005)
R351	1-208-919-81 s	RES, CHIP 22K (1005)
R352	1-208-887-81 s	RES, CHIP 1.0K (1005)
R353	1-208-887-81 s	RES, CHIP 1.0K (1005)
R354	1-208-863-81 s	RES, CHIP 100 (1005)
R355	1-208-863-81 s	RES, CHIP 100 (1005)
R356	1-220-878-81 s	RES, CHIP 22 (1005)
R362	1-220-878-81 s	RES, CHIP 22 (1005)
R363	1-220-878-81 s	RES, CHIP 22 (1005)
R365	1-220-870-81 s	RES, CHIP 10 (1005)
R367	1-208-911-81 s	RES, CHIP 10K (1005)
R368	1-208-911-81 s	RES, CHIP 10K (1005)
R369	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R370	1-208-911-81 s	RES, CHIP 10K (1005)
R371	1-208-911-81 s	RES, CHIP 10K (1005)
R372	1-208-911-81 s	RES, CHIP 10K (1005)
R374	1-208-863-81 s	RES, CHIP 100 (1005)
R375	1-208-911-81 s	RES, CHIP 10K (1005)
R377	1-208-863-81 s	RES, CHIP 100 (1005)
R379	1-208-863-81 s	RES, CHIP 100 (1005)
R380	1-208-863-81 s	RES, CHIP 100 (1005)
R381	1-208-863-81 s	RES, CHIP 100 (1005)
R383	1-208-863-81 s	RES, CHIP 100 (1005)
R384	1-208-911-81 s	RES, CHIP 10K (1005)
R385	1-208-911-81 s	RES, CHIP 10K (1005)
R386	1-220-870-81 s	RES, CHIP 10 (1005)

RC-105 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R387	1-220-870-81 s	RES, CHIP 10 (1005)
R388	1-208-911-81 s	RES, CHIP 10K (1005)
R389	1-208-911-81 s	RES, CHIP 10K (1005)
R390	1-208-911-81 s	RES, CHIP 10K (1005)
R391	1-208-911-81 s	RES, CHIP 10K (1005)
R392	1-208-911-81 s	RES, CHIP 10K (1005)
R393	1-208-911-81 s	RES, CHIP 10K (1005)
R394	1-208-911-81 s	RES, CHIP 10K (1005)
R395	1-208-911-81 s	RES, CHIP 10K (1005)
R398	1-208-911-81 s	RES, CHIP 10K (1005)
R399	1-208-911-81 s	RES, CHIP 10K (1005)
R400	1-220-878-81 s	RES, CHIP 22 (1005)
R401	1-208-863-81 s	RES, CHIP 100 (1005)
R402	1-208-863-81 s	RES, CHIP 100 (1005)
R403	1-208-863-81 s	RES, CHIP 100 (1005)
R404	1-208-863-81 s	RES, CHIP 100 (1005)
R405	1-208-863-81 s	RES, CHIP 100 (1005)
R406	1-208-863-81 s	RES, CHIP 100 (1005)
R407	1-208-863-81 s	RES, CHIP 100 (1005)
R408	1-208-863-81 s	RES, CHIP 100 (1005)
R409	1-208-863-81 s	RES, CHIP 100 (1005)
R410	1-208-863-81 s	RES, CHIP 100 (1005)
R411	1-208-863-81 s	RES, CHIP 100 (1005)
R413	1-208-863-81 s	RES, CHIP 100 (1005)
R421	1-208-863-81 s	RES, CHIP 100 (1005)
R422	1-208-863-81 s	RES, CHIP 100 (1005)
R423	1-208-863-81 s	RES, CHIP 100 (1005)
R424	1-208-863-81 s	RES, CHIP 100 (1005)
R425	1-208-863-81 s	RES, CHIP 100 (1005)
R426	1-208-863-81 s	RES, CHIP 100 (1005)
R427	1-208-863-81 s	RES, CHIP 100 (1005)
R428	1-208-863-81 s	RES, CHIP 100 (1005)
R429	1-208-863-81 s	RES, CHIP 100 (1005)
R430	1-208-863-81 s	RES, CHIP 100 (1005)
R431	1-208-863-81 s	RES, CHIP 100 (1005)
R433	1-208-863-81 s	RES, CHIP 100 (1005)
R438	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R439	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R440	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R441	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R454	1-220-870-81 s	RES, CHIP 10 (1005)
R455	1-220-870-81 s	RES, CHIP 10 (1005)
R456	1-220-870-81 s	RES, CHIP 10 (1005)
R460	1-220-870-81 s	RES, CHIP 10 (1005)
R461	1-208-863-81 s	RES, CHIP 100 (1005)
R462	1-208-863-81 s	RES, CHIP 100 (1005)
R463	1-208-863-81 s	RES, CHIP 100 (1005)
R464	1-208-863-81 s	RES, CHIP 100 (1005)
R472	1-208-863-81 s	RES, CHIP 100 (1005)
R473	1-208-863-81 s	RES, CHIP 100 (1005)
R502	1-220-870-81 s	RES, CHIP 10 (1005)
R503	1-208-863-81 s	RES, CHIP 100 (1005)
R504	1-208-879-81 s	RES, CHIP 470 (1005)
R505	1-208-895-81 s	RES, CHIP 2.2K (1005)
R506	1-208-911-81 s	RES, CHIP 10K (1005)
R507	1-208-911-81 s	RES, CHIP 10K (1005)
R508	1-220-878-81 s	RES, CHIP 22 (1005)
R509	1-220-878-81 s	RES, CHIP 22 (1005)
R511	1-220-878-81 s	RES, CHIP 22 (1005)
R512	1-220-878-81 s	RES, CHIP 22 (1005)
R513	1-220-878-81 s	RES, CHIP 22 (1005)
R514	1-220-878-81 s	RES, CHIP 22 (1005)
R515	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R516	1-220-878-81 s	RES, CHIP 22 (1005)
R517	1-208-863-81 s	RES, CHIP 100 (1005)

RC-105 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R518	1-208-855-81 s	RES, CHIP 47 (1005)
R519	1-208-855-81 s	RES, CHIP 47 (1005)
R520	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R523	1-220-870-81 s	RES, CHIP 10 (1005)
R524	1-220-870-81 s	RES, CHIP 10 (1005)
R525	1-220-870-81 s	RES, CHIP 10 (1005)
R526	1-220-878-81 s	RES, CHIP 22 (1005)
R527	1-208-875-81 s	RES, CHIP 330 (1005)
R528	1-208-895-81 s	RES, CHIP 2.2K (1005)
R529	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R530	1-208-935-81 s	RES, CHIP 100K (1005)
R531	1-208-955-81 s	RES, CHIP 680K (1005)
R533	1-208-855-81 s	RES, CHIP 47 (1005)
R534	1-208-899-81 s	RES, CHIP 3.3K (1005)
R535	1-208-899-81 s	RES, CHIP 3.3K (1005)
R536	1-208-899-81 s	RES, CHIP 3.3K (1005)
R537	1-208-879-81 s	RES, CHIP 470 (1005)
R538	1-208-883-81 s	RES, CHIP 680 (1005)
R539	1-208-911-81 s	RES, CHIP 10K (1005)
R540	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R541	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R542	1-208-879-81 s	RES, CHIP 470 (1005)
R543	1-208-879-81 s	RES, CHIP 470 (1005)
R544	1-208-887-81 s	RES, CHIP 1.0K (1005)
R545	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R546	1-208-903-81 s	RES, CHIP 4.7K (1005)
R547	1-208-879-81 s	RES, CHIP 470 (1005)
R549	1-208-867-81 s	RES, CHIP 150 (1005)
R551	1-208-875-81 s	RES, CHIP 330 (1005)
R552	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R553	1-208-895-81 s	RES, CHIP 2.2K (1005)
R554	1-208-875-81 s	RES, CHIP 330 (1005)
R555	1-220-870-81 s	RES, CHIP 10 (1005)
R556	1-220-870-81 s	RES, CHIP 10 (1005)
R557	1-208-895-81 s	RES, CHIP 2.2K (1005)
R558	1-208-895-81 s	RES, CHIP 2.2K (1005)
R560	1-208-911-81 s	RES, CHIP 10K (1005)
R561	1-208-879-81 s	RES, CHIP 470 (1005)
R562	1-208-883-81 s	RES, CHIP 680 (1005)
R563	1-220-878-81 s	RES, CHIP 22 (1005)
R564	1-208-919-81 s	RES, CHIP 22K (1005)
R565	1-208-887-81 s	RES, CHIP 1.0K (1005)
R566	1-208-871-81 s	RES, CHIP 220 (1005)
R567	1-208-871-81 s	RES, CHIP 220 (1005)
R568	1-208-855-81 s	RES, CHIP 47 (1005)
R569	1-208-855-81 s	RES, CHIP 47 (1005)
R570	1-208-891-81 s	RES, CHIP 1.5K (1005)
R571	1-208-959-81 s	RES, CHIP 1M (1005)
R572	1-208-927-81 s	RES, CHIP 47K (1005)
R573	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R574	1-208-927-81 s	RES, CHIP 47K (1005)
R575	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R576	1-208-927-81 s	RES, CHIP 47K (1005)
R577	1-208-927-81 s	RES, CHIP 47K (1005)
R578	1-208-887-81 s	RES, CHIP 1.0K (1005)
R579	1-208-863-81 s	RES, CHIP 100 (1005)
R580	1-208-887-81 s	RES, CHIP 1.0K (1005)
R581	1-208-879-81 s	RES, CHIP 470 (1005)
R582	1-208-883-81 s	RES, CHIP 680 (1005)
R583	1-220-878-81 s	RES, CHIP 22 (1005)
R584	1-208-919-81 s	RES, CHIP 22K (1005)
R585	1-208-887-81 s	RES, CHIP 1.0K (1005)
R586	1-208-871-81 s	RES, CHIP 220 (1005)
R587	1-208-871-81 s	RES, CHIP 220 (1005)
R588	1-208-855-81 s	RES, CHIP 47 (1005)

RC-105 BOARD

Ref. No. or Q'ty	Part No.	SP Description
RB507	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB508	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB600	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB601	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB602	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB603	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB604	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB605	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB606	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB607	1-234-371-21 s	RES, NETWORK 47 (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	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB620	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB621	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB622	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB623	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB624	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB625	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB626	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	1-234-372-21 s	RES, NETWORK 100 (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	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB647	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB648	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB649	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB701	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB705	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB706	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB707	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB708	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB709	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB710	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB711	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB712	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB713	1-234-369-21 s	RES, NETWORK 10 (1005X4)
S2	1-692-271-41 s	SWITCH, SLIDE
THP1	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP2	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP3	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP4	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP5	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP6	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP40	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP41	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP60	△ 1-804-616-21 s	THERMISTOR, POSITIVE

RC-105 BOARD

Ref. No. or Q'ty	Part No.	SP Description
TP1	1-535-877-22 s	CHIP, CHECKER
TP2	1-535-877-22 s	CHIP, CHECKER
TP501	1-535-877-22 s	CHIP, CHECKER
TP502	1-535-877-22 s	CHIP, CHECKER
X541	1-795-671-12 s	OSCILLATOR, CRYSTAL (VCXO)3.3V
X542	1-795-670-12 s	OSCILLATOR, CRYSTAL (VCXO)3.3V

RE-276 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	△ A-1771-135-A s	MOUNTED CIRCUIT BOARD, RE-276
C601	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C6008	1-115-340-91 s	CAP, CERAMIC 0.22MF B (2012)
C6009	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C6010	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C6011	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C6012	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C6013	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C6014	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C6015	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C6016	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C6017	1-127-715-91 s	CAP,CHIP CERAMIC 0.22MF B 1608
C6018	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C6019	1-115-340-91 s	CAP, CERAMIC 0.22MF B (2012)
C6020	1-115-416-91 s	CAP,CHIP CERAMIC1000PF CH 1608
C6024	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C6025	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C6026	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C6027	1-116-174-11 s	CAP, CHIP ELECT 270MF (10X10.5)
C6028	1-112-800-11 s	CAP, ELECT 100MF
C6029	1-114-499-11 s	CAP, ELECT 47MF
C6030	1-115-339-91 s	CAP, CERAMIC 0.1MF B (2012)
C6031	1-100-761-21 s	CAP, CHIP CERAMIC 10000PF 2012
C6032	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C6111	1-165-947-91 s	CAP, CHIP CERAMIC 2.2MF B 3225
C7003	1-162-970-91 s	CAP, CERAMIC 0.01MF B 1608
C7004	1-114-965-11 s	CAP, CERAMIC 4.7MF X7R (3225)
C7005	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C7006	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7007	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7008	1-114-965-11 s	CAP, CERAMIC 4.7MF X7R (3225)
C7009	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C7010	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C7011	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C7012	1-162-923-91 s	CAP, CERAMIC 47PF CH 1608
C7013	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7014	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C7015	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C7016	1-163-021-91 s	CAP, CERAMIC 10000PF B (2012)
C7017	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C7018	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C7019	1-114-965-11 s	CAP, CERAMIC 4.7MF X7R (3225)
C7020	1-163-021-91 s	CAP, CERAMIC 10000PF B (2012)
C7021	1-114-965-11 s	CAP, CERAMIC 4.7MF X7R (3225)
C7023	1-115-339-91 s	CAP, CERAMIC 0.1MF B (2012)
C7024	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7025	1-164-227-91 s	CAP,CERAMIC 22000PF B 1608
C7026	1-164-227-91 s	CAP,CERAMIC 22000PF B 1608
C7028	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C7029	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C7030	1-164-230-91 s	CAP,CERAMIC 220PF CH 1608

RE-276 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C7031	1-162-969-91 s	CAP, CERAMIC 6800PF B 1608
C7032	1-162-969-91 s	CAP, CERAMIC 6800PF B 1608
C7033	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7034	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C7035	1-115-339-91 s	CAP, CERAMIC 0.1MF B (2012)
C7036	1-165-875-91 s	CAP, CHIP CERAMIC 10MF B 3216
C7037	1-165-875-91 s	CAP, CHIP CERAMIC 10MF B 3216
C7038	1-112-861-11 s	CAP, ELECT 150MF (8X7.7)
C7039	1-137-980-91 s	CAP,CHIP CERAMIC 0.47MF B 3216
C7040	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C7041	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C7042	1-164-230-91 s	CAP,CERAMIC 220PF CH 1608
C7044	1-116-174-11 s	CAP, CHIP ELECT 270MF(10X10.5)
C7045	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7046	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7047	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C7049	1-116-174-11 s	CAP, CHIP ELECT 270MF(10X10.5)
C7050	1-114-965-11 s	CAP, CERAMIC 4.7MF X7R (3225)
C7051	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C7052	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C7053	1-162-970-91 s	CAP, CERAMIC 0.01MF B 1608
C7054	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C7055	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C7056	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C7057	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C7058	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C7059	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C7060	1-162-970-91 s	CAP, CERAMIC 0.01MF B 1608
C7061	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7062	1-114-250-21 s	CAP, ELECT 150MF (8X6.9)
C7063	1-114-250-21 s	CAP, ELECT 150MF (8X6.9)
C7064	1-114-250-21 s	CAP, ELECT 150MF (8X6.9)
C7065	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C7066	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C7067	1-114-250-21 s	CAP, ELECT 150MF (8X6.9)
C7068	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C7069	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C7071	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7072	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7073	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C7075	1-115-340-91 s	CAP, CERAMIC 0.22MF B (2012)
C7076	1-163-021-91 s	CAP, CERAMIC 10000PF B (2012)
C7077	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C7078	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C7079	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C7080	1-165-947-91 s	CAP, CHIP CERAMIC 2.2MF B 3225
C7083	1-116-487-11 s	CAP, CHIP ELECT 10MF (6.3X7.7)
C7084	1-116-487-11 s	CAP, CHIP ELECT 10MF (6.3X7.7)
C7094	1-163-021-91 s	CAP, CERAMIC 10000PF B (2012)
C7101	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C7102	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7103	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C7104	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7105	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7106	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7107	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C7108	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C7114	1-125-898-91 s	CAP, CERAMIC 0.22MF B (3216)
C7116	1-125-898-91 s	CAP, CERAMIC 0.22MF B (3216)
C7120	1-125-898-91 s	CAP, CERAMIC 0.22MF B (3216)
C7122	1-125-898-91 s	CAP, CERAMIC 0.22MF B (3216)
C8001	1-114-965-11 s	CAP, CERAMIC 4.7MF X7R (3225)
C8002	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C8004	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C8005	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005

RE-276 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C8006	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8007	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8008	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8009	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C8010	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8011	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8012	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C8013	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8014	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8015	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C8016	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8017	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8019	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8020	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8021	1-162-970-91 s	CAP, CERAMIC 0.01MF B 1608
C8022	1-162-970-91 s	CAP, CERAMIC 0.01MF B 1608
C8023	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8024	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8025	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8026	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8027	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C8028	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8030	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C8031	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C8033	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C8040	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C8041	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C8043	1-116-174-11 s	CAP, CHIP ELECT 270MF(10X10.5)
C8044	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8045	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C8046	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C8047	1-114-415-21 s	CAP, ELECT 100MF (5X5.9)
CN601	△ 1-819-475-11 o	HEADER ASSEMBLY FOR PWB 7P
CN6001	1-794-824-11 s	PIN,CONNECTOR (B14B-PASK-1N)14P
CN7001	1-779-092-11 s	PIN, CONNECTOR (PC BOARD) 10P
CN8001	1-821-511-11 s	HEADER ASSEMBLY FOR PWB 2P
CN8002	1-818-714-21 s	HEADER ASSEMBLY 20P
CN8005	1-784-254-21 s	CONNECTOR 10P
CN8006	1-560-365-11 s	CONNECTOR POST HEADER,ILG (3P)
CN8009	1-819-442-11 s	HEADER ASSEMBLY FOR PWB 14P
D6004	8-719-069-28 s	DI 1SS400FJTE61
D6005	8-719-069-28 s	DI 1SS400FJTE61
D6008	8-719-027-63 s	DIODE D2FL20U-TA
D7003	8-719-072-43 s	DIODE RB050L-40TE25
D7004	6-500-528-01 s	DIODE DE5SC6M-7071
D7005	8-719-938-77 s	DIODE SB05-05C-TB-E
D7006	8-719-938-77 s	DIODE SB05-05C-TB-E
D7007	8-719-056-48 s	DI 1SS388
D7008	8-719-056-48 s	DI 1SS388
D7009	8-719-056-48 s	DI 1SS388
D7010	8-719-056-48 s	DI 1SS388
D7011	6-502-526-01 s	DI UDZSUSTE-172.0B
D7012	6-502-254-01 s	DI KDZTR6.8B
D7014	6-502-255-01 s	DI KDZTR7.5B
D7015	8-719-083-83 s	DI UDZSUSTE-1715B
D8001	8-719-069-28 s	DI 1SS400FJTE61
D8002	8-719-069-28 s	DI 1SS400FJTE61
D8012	8-719-938-77 s	DIODE SB05-05C-TB-E
D8013	8-719-051-04 s	DIODE EC10QS04-TE12L5
D8014	8-719-069-56 s	DI UDZSUSTE-176.2B
D8015	8-719-069-56 s	DI UDZSUSTE-176.2B
D8016	8-719-083-57 s	DI UDZSUSTE-173.6B
FB7001	1-414-581-21 s	FERRITE, EMI (SMD) (4516)
FB7002	1-414-581-21 s	FERRITE, EMI (SMD) (4516)

RE-276 BOARD

Ref. No. or Q'ty	Part No.	SP Description
FB7004	1-414-581-21 s	FERRITE, EMI (SMD) (4516)
FB7005	1-414-581-21 s	FERRITE, EMI (SMD) (4516)
FB7006	1-414-581-21 s	FERRITE, EMI (SMD) (4516)
FB7007	1-414-581-21 s	FERRITE, EMI (SMD) (4516)
FB7008	1-414-581-21 s	FERRITE, EMI (SMD) (4516)
FB7009	1-414-581-21 s	FERRITE, EMI (SMD) (4516)
FB7010	1-414-581-21 s	FERRITE, EMI (SMD) (4516)
FB7011	1-414-581-21 s	FERRITE, EMI (SMD) (4516)
FB8001	1-416-976-21 s	FERRITE, EMI (SMD) (3216)
FL7001	1-200-054-11 s	FILTER, NOISE REMOVAL
FL7002	1-200-054-11 s	FILTER, NOISE REMOVAL
IC6004	6-713-278-01 s	IC MAX4374HEUB+TG069
IC6005	8-759-338-95 s	IC NJM2903V (TE2)
IC6006	8-759-338-95 s	IC NJM2903V (TE2)
IC6007	8-759-338-95 s	IC NJM2903V (TE2)
IC6008	6-701-652-01 s	IC MAX4374TEUB+TG069
IC6009	6-711-947-01 s	IC MM1431CURE
IC7002	8-759-338-95 s	IC NJM2903V (TE2)
IC7003	8-759-338-95 s	IC NJM2903V (TE2)
IC7004	6-702-510-01 s	IC TPS5120DBTRG4
IC7005	6-715-696-01 s	IC TPS5430DDAR
IC7006	6-711-947-01 s	IC MM1431CURE
IC7007	6-714-161-01 s	IC LM5576MHX
IC7008	8-759-338-95 s	IC NJM2903V (TE2)
IC7009	8-759-156-66 s	IC UPC842G2-E2
IC7010	6-711-947-01 s	IC MM1431CURE
IC7011	6-715-222-01 s	IC INA206AIDGSR
IC8003	6-707-862-01 s	IC TC74VHC05FT (EKJ)
IC8004	6-707-888-01 s	IC TC74VHCT14AFT (EKJ)
IC8005	6-715-320-01 s	IC EPM570T100I5N
IC8006	6-707-888-01 s	IC TC74VHCT14AFT (EKJ)
IC8007	6-702-879-01 s	IC R3112N281A-TR-FA
IC8008	6-707-862-01 s	IC TC74VHC05FT (EKJ)
IC8009	6-707-862-01 s	IC TC74VHC05FT (EKJ)
IC8011	6-707-862-01 s	IC TC74VHC05FT (EKJ)
IC8013	8-759-653-03 s	IC NJM78M05DL1A-TE1
IC8014	6-709-014-01 s	IC UPC2933BT-E2-AZ
L7001	1-400-303-21 s	COIL, CHOKE 68UH
L7002	1-419-524-21 s	COIL, CHOKE
L7003	1-457-907-11 s	COIL, CHOKE 16UH
L7004	1-457-907-11 s	COIL, CHOKE 16UH
L7005	1-456-046-21 s	COIL, CHOKE (SMD) 10UH(10X10)
L7007	1-456-622-21 s	COIL, CHOKE 1UH
L7008	1-456-046-21 s	COIL, CHOKE (SMD) 10UH(10X10)
L7009	1-456-046-21 s	COIL, CHOKE (SMD) 10UH(10X10)
L8001	1-456-622-21 s	COIL, CHOKE 1UH
L8002	1-416-511-21 s	COIL, CHOKE 47.0UH
L8003	1-416-511-21 s	COIL, CHOKE 47.0UH
PH61	△ 8-749-016-82 s	PHOTO COUPLER PC123GY2J00F
PH62	△ 8-749-016-82 s	PHOTO COUPLER PC123GY2J00F
PH63	△ 8-749-016-82 s	PHOTO COUPLER PC123GY2J00F
PH64	△ 8-749-016-82 s	PHOTO COUPLER PC123GY2J00F
PH7001	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH7002	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH7003	6-600-477-01 s	IC TLP281 (GB-TP,F)
PH7004	6-600-477-01 s	IC TLP281 (GB-TP,F)
Q6001	6-552-545-01 s	TR SI4425DDY-T1-GE3
Q6002	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q7006	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q7007	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q7008	6-551-952-01 s	TR NTD4804NT4G

RE-276 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q7009	6-551-952-01 s	TR NTD4804NT4G
Q7010	6-551-952-01 s	TR NTD4804NT4G
Q7011	6-551-952-01 s	TR NTD4804NT4G
Q7012	8-729-230-50 s	TRANSISTOR 2SC2712-YG-TE85L
Q7014	8-729-230-50 s	TRANSISTOR 2SC2712-YG-TE85L
Q7016	6-552-271-01 s	TR FDS8880
Q7017	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q8001	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q8002	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q8003	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q8004	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q8005	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q8006	8-729-928-82 s	TRANSISTOR DTC144EE-TL
R601	1-208-911-81 s	RES, CHIP 10K (1005)
R602	1-208-911-81 s	RES, CHIP 10K (1005)
R603	1-208-935-81 s	RES, CHIP 100K (1005)
R604	1-208-935-81 s	RES, CHIP 100K (1005)
R6011	1-208-935-81 s	RES, CHIP 100K (1005)
R6015	1-208-923-81 s	RES, CHIP 33K (1005)
R6018	1-208-935-81 s	RES, CHIP 100K (1005)
R6019	1-219-684-21 s	RES, CHIP (SQUARE TYPE) 0.01
R6027	1-208-887-81 s	RES, CHIP 1.0K (1005)
R6028	1-208-911-81 s	RES, CHIP 10K (1005)
R6031	1-208-911-81 s	RES, CHIP 10K (1005)
R6032	1-208-899-81 s	RES, CHIP 3.3K (1005)
R6033	1-208-895-81 s	RES, CHIP 2.2K (1005)
R6034	1-208-867-81 s	RES, CHIP 150 (1005)
R6035	1-220-302-91 s	RES,SQUARE TYPE CHIP 10K(4532)
R6036	1-208-838-91 s	RES, CHIP 220K (2012)
R6037	1-220-302-91 s	RES,SQUARE TYPE CHIP 10K(4532)
R6038	1-208-923-81 s	RES, CHIP 33K (1005)
R6041	1-208-923-81 s	RES, CHIP 33K (1005)
R6043	1-208-822-91 s	RES, CHIP 47K (2012)
R6044	1-208-838-91 s	RES, CHIP 220K (2012)
R6045	1-208-814-91 s	RES, CHIP 22K (2012)
R6050	1-208-838-91 s	RES, CHIP 220K (2012)
R6051	1-208-814-91 s	RES, CHIP 22K (2012)
R6052	1-211-969-91 s	RES, CHIP 10 (1608)
R6053	1-211-969-91 s	RES, CHIP 10 (1608)
R6054	1-208-818-91 s	RES, CHIP 33K (2012)
R6055	1-208-842-91 s	RES, CHIP 330K (2012)
R6057	1-208-854-91 s	RES, CHIP 1M (2012)
R6059	1-208-854-91 s	RES, CHIP 1M (2012)
R6060	1-208-854-91 s	RES, CHIP 1M (2012)
R6061	1-208-838-91 s	RES, CHIP 220K (2012)
R6062	1-208-850-91 s	RES, CHIP 680K (2012)
R6063	1-211-969-91 s	RES, CHIP 10 (1608)
R6064	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R6066	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R6068	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R6074	1-208-871-81 s	RES, CHIP 220 (1005)
R6075	1-208-915-81 s	RES, CHIP 15K (1005)
R6076	1-208-911-81 s	RES, CHIP 10K (1005)
R6078	1-242-797-21 s	RES, CHIP (SQUARE TYPE) 0.15
R6079	1-208-935-81 s	RES, CHIP 100K (1005)
R6081	1-208-899-81 s	RES, CHIP 3.3K (1005)
R6082	1-208-899-81 s	RES, CHIP 3.3K (1005)
R6083	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R6098	1-208-887-81 s	RES, CHIP 1.0K (1005)
R6099	1-208-935-81 s	RES, CHIP 100K (1005)
R6100	1-218-369-91 s	RES,SQUARE TYPE CHIP 2.2K 4532
R6101	1-218-369-91 s	RES,SQUARE TYPE CHIP 2.2K 4532
R6102	1-218-369-91 s	RES,SQUARE TYPE CHIP 2.2K 4532
R7005	1-208-911-81 s	RES, CHIP 10K (1005)
R7006	1-208-935-81 s	RES, CHIP 100K (1005)

RE-276 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R7009	1-208-903-81 s	RES, CHIP 4.7K (1005)
R7012	1-220-870-81 s	RES, CHIP 10 (1005)
R7013	1-208-867-81 s	RES, CHIP 150 (1005)
R7014	1-208-863-81 s	RES, CHIP 100 (1005)
R7015	1-208-863-81 s	RES, CHIP 100 (1005)
R7016	1-208-903-81 s	RES, CHIP 4.7K (1005)
R7017	1-208-951-81 s	RES, CHIP 470K (1005)
R7018	1-208-951-81 s	RES, CHIP 470K (1005)
R7019	1-208-863-81 s	RES, CHIP 100 (1005)
R7020	1-208-879-81 s	RES, CHIP 470 (1005)
R7021	1-208-903-81 s	RES, CHIP 4.7K (1005)
R7022	1-208-911-81 s	RES, CHIP 10K (1005)
R7023	1-208-911-81 s	RES, CHIP 10K (1005)
R7024	1-208-923-81 s	RES, CHIP 33K (1005)
R7025	1-208-875-81 s	RES, CHIP 330 (1005)
R7026	1-208-923-81 s	RES, CHIP 33K (1005)
R7027	1-208-927-81 s	RES, CHIP 47K (1005)
R7028	1-208-911-81 s	RES, CHIP 10K (1005)
R7029	1-208-923-81 s	RES, CHIP 33K (1005)
R7030	1-208-903-81 s	RES, CHIP 4.7K (1005)
R7032	1-208-899-81 s	RES, CHIP 3.3K (1005)
R7033	1-208-899-81 s	RES, CHIP 3.3K (1005)
R7034	1-208-911-81 s	RES, CHIP 10K (1005)
R7038	1-208-919-81 s	RES, CHIP 22K (1005)
R7039	1-208-903-81 s	RES, CHIP 4.7K (1005)
R7040	1-218-614-91 s	RES, METAL FILM (CHIP) 10
R7042	1-208-899-81 s	RES, CHIP 3.3K (1005)
R7044	1-208-903-81 s	RES, CHIP 4.7K (1005)
R7045	1-208-863-81 s	RES, CHIP 100 (1005)
R7046	1-208-887-81 s	RES, CHIP 1.0K (1005)
R7047	1-208-871-81 s	RES, CHIP 220 (1005)
R7048	1-208-887-81 s	RES, CHIP 1.0K (1005)
R7049	1-220-870-81 s	RES, CHIP 10 (1005)
R7050	1-208-883-81 s	RES, CHIP 680 (1005)
R7051	1-220-870-81 s	RES, CHIP 10 (1005)
R7052	1-208-903-81 s	RES, CHIP 4.7K (1005)
R7054	1-208-907-81 s	RES, CHIP 6.8K (1005)
R7055	1-208-883-81 s	RES, CHIP 680 (1005)
R7056	1-208-907-81 s	RES, CHIP 6.8K (1005)
R7057	1-208-907-81 s	RES, CHIP 6.8K (1005)
R7058	1-208-939-81 s	RES, CHIP 150K (1005)
R7059	1-208-915-81 s	RES, CHIP 15K (1005)
R7061	1-208-923-81 s	RES, CHIP 33K (1005)
R7063	1-208-911-81 s	RES, CHIP 10K (1005)
R7064	1-208-895-81 s	RES, CHIP 2.2K (1005)
R7065	1-208-927-81 s	RES, CHIP 47K (1005)
R7069	1-208-911-81 s	RES, CHIP 10K (1005)
R7074	1-208-915-81 s	RES, CHIP 15K (1005)
R7075	1-208-879-81 s	RES, CHIP 470 (1005)
R7076	1-208-939-81 s	RES, CHIP 150K (1005)
R7077	1-208-919-81 s	RES, CHIP 22K (1005)
R7078	1-208-911-81 s	RES, CHIP 10K (1005)
R7079	1-208-919-81 s	RES, CHIP 22K (1005)
R7080	1-208-867-81 s	RES, CHIP 150 (1005)
R7084	1-208-911-81 s	RES, CHIP 10K (1005)
R7085	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R7086	1-208-899-81 s	RES, CHIP 3.3K (1005)
R7087	1-208-959-81 s	RES, CHIP 1M (1005)
R7088	1-208-911-81 s	RES, CHIP 10K (1005)
R7089	1-220-258-91 s	RES,SQUARE TYPE CHIP 100(3225)
R7090	1-220-258-91 s	RES,SQUARE TYPE CHIP 100(3225)
R7091	1-220-258-91 s	RES,SQUARE TYPE CHIP 100(3225)
R7092	1-220-258-91 s	RES,SQUARE TYPE CHIP 100(3225)
R7093	1-208-907-81 s	RES, CHIP 6.8K (1005)
R7094	1-218-990-81 s	CONDUCTOR, CHIP (1005)

RE-276 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R7095	1-220-258-91 s	RES,SQUARE TYPE CHIP 100(3225)
R7096	1-208-867-81 s	RES, CHIP 150 (1005)
R7097	1-208-895-81 s	RES, CHIP 2.2K (1005)
R7098	1-208-903-81 s	RES, CHIP 4.7K (1005)
R7099	1-208-899-81 s	RES, CHIP 3.3K (1005)
R7100	1-208-939-81 s	RES, CHIP 150K (1005)
R7101	1-208-911-81 s	RES, CHIP 10K (1005)
R7109	1-219-706-21 s	RES, CHIP (SQUARE TYPE) 0.10
R7110	1-242-797-21 s	RES, CHIP (SQUARE TYPE) 0.15
R7111	1-219-706-21 s	RES, CHIP (SQUARE TYPE) 0.10
R7113	1-208-931-81 s	RES, CHIP 68K (1005)
R7114	1-208-923-81 s	RES, CHIP 33K (1005)
R7115	1-208-935-81 s	RES, CHIP 100K (1005)
R7116	1-208-911-81 s	RES, CHIP 10K (1005)
R7118	1-208-931-81 s	RES, CHIP 68K (1005)
R7119	1-208-903-81 s	RES, CHIP 4.7K (1005)
R7120	1-208-919-81 s	RES, CHIP 22K (1005)
R7121	1-208-911-81 s	RES, CHIP 10K (1005)
R7122	1-208-899-81 s	RES, CHIP 3.3K (1005)
R7124	1-208-919-81 s	RES, CHIP 22K (1005)
R7125	1-208-903-81 s	RES, CHIP 4.7K (1005)
R7126	1-208-899-81 s	RES, CHIP 3.3K (1005)
R7127	1-208-895-81 s	RES, CHIP 2.2K (1005)
R7128	1-220-882-81 s	RES, CHIP 33 (1005)
R7129	1-208-955-81 s	RES, CHIP 680K (1005)
R7130	1-208-935-81 s	RES, CHIP 100K (1005)
R7131	1-208-911-81 s	RES, CHIP 10K (1005)
R7132	1-208-911-81 s	RES, CHIP 10K (1005)
R7133	1-208-935-81 s	RES, CHIP 100K (1005)
R7134	1-208-895-81 s	RES, CHIP 2.2K (1005)
R7135	1-208-887-81 s	RES, CHIP 1.0K (1005)
R7136	1-208-895-81 s	RES, CHIP 2.2K (1005)
R7137	1-208-859-81 s	RES, CHIP 68 (1005)
R7138	1-208-919-81 s	RES, CHIP 22K (1005)
R7139	1-208-911-81 s	RES, CHIP 10K (1005)
R7140	1-208-919-81 s	RES, CHIP 22K (1005)
R7148	1-208-911-81 s	RES, CHIP 10K (1005)
R7149	1-208-927-81 s	RES, CHIP 47K (1005)
R7150	1-208-883-81 s	RES, CHIP 680 (1005)
R7151	1-208-887-81 s	RES, CHIP 1.0K (1005)
R7171	1-208-935-81 s	RES, CHIP 100K (1005)
R7172	1-208-895-81 s	RES, CHIP 2.2K (1005)
R7188	1-208-903-81 s	RES, CHIP 4.7K (1005)
R7189	1-208-923-81 s	RES, CHIP 33K (1005)
R7190	1-208-907-81 s	RES, CHIP 6.8K (1005)
R7191	1-208-863-81 s	RES, CHIP 100 (1005)
R7192	1-208-911-81 s	RES, CHIP 10K (1005)
R7193	1-208-911-81 s	RES, CHIP 10K (1005)
R7194	1-218-602-91 s	RES, METAL FILM (CHIP) 1
R7195	1-218-602-91 s	RES, METAL FILM (CHIP) 1
R7196	1-218-602-91 s	RES, METAL FILM (CHIP) 1
R8004	1-208-863-81 s	RES, CHIP 100 (1005)
R8005	1-208-911-81 s	RES, CHIP 10K (1005)
R8006	1-208-911-81 s	RES, CHIP 10K (1005)
R8007	1-220-222-91 s	RES,SQUARE TYPE CHIP 4.7K 4532
R8008	1-220-222-91 s	RES,SQUARE TYPE CHIP 4.7K 4532
R8009	1-220-222-91 s	RES,SQUARE TYPE CHIP 4.7K 4532
R8011	1-208-887-81 s	RES, CHIP 1.0K (1005)
R8012	1-208-911-81 s	RES, CHIP 10K (1005)
R8015	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R8016	1-208-911-81 s	RES, CHIP 10K (1005)
R8018	1-208-887-81 s	RES, CHIP 1.0K (1005)
R8025	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R8081	1-220-878-81 s	RES, CHIP 22 (1005)
R8084	1-208-895-81 s	RES, CHIP 2.2K (1005)

RE-276 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R8085	1-208-895-81 s	RES, CHIP 2.2K (1005)
R8087	1-218-871-91 s	RES, CHIP 10K (1608)
R8088	1-218-871-91 s	RES, CHIP 10K (1608)
RB8001	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB8003	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB8005	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB8006	1-234-376-21 s	RES, NETWORK 2.2K (1005X4)
RB8007	1-234-376-21 s	RES, NETWORK 2.2K (1005X4)
RB8009	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB8010	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB8011	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB8012	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB8013	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB8014	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB8015	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB8016	1-234-372-21 s	RES, NETWORK 100 (1005X4)
TP6001	1-535-877-22 s	CHIP, CHECKER
TP6002	1-535-877-22 s	CHIP, CHECKER
TP7001	1-780-925-11 s	TERMINAL, LUG
TP7002	1-780-925-11 s	TERMINAL, LUG
TP7003	1-780-925-11 s	TERMINAL, LUG
TP7004	1-780-925-11 s	TERMINAL, LUG
TP7005	1-780-925-11 s	TERMINAL, LUG
TP7006	1-780-925-11 s	TERMINAL, LUG
X8001	1-813-329-11 s	OSCILLATOR, CRYSTAL

SDI-98 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1860-202-A s	MOUNTED CIRCUIT BOARD, SDI-98
4pcs	3-364-941-01 s	SCREW (+B) (2.6X5), NYLOK
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	1-116-346-11 s	CAP, ELECT 47MF 105
C4	1-116-346-11 s	CAP, ELECT 47MF 105
C5	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C6	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C7	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C8	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C9	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C10	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C11	1-126-394-21 s	CAP, CHIP ELECT 10MF (4X5.7)
C12	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C13	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C14	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C15	1-116-346-11 s	CAP, ELECT 47MF 105
C16	1-116-346-11 s	CAP, ELECT 47MF 105
C17	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C18	1-116-346-11 s	CAP, ELECT 47MF 105
C19	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C20	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C21	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C22	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C23	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C24	1-126-394-21 s	CAP, CHIP ELECT 10MF (4X5.7)
C25	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C26	1-116-346-11 s	CAP, ELECT 47MF 105
C27	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C28	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C29	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005

SDI-98 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C30	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C31	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C32	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C33	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C34	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C35	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C36	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C37	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C38	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C39	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C40	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C41	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C42	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C43	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C44	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C45	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C101	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C102	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C103	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C104	1-100-415-91 s	CAP, CHIP CERAMIC 0.47MF(1005)
C105	1-100-415-91 s	CAP, CHIP CERAMIC 0.47MF(1005)
C106	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C107	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C108	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C109	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C110	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C111	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
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	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 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
C117	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005
C118	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C119	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C120	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C121	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C122	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C123	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C124	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C125	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005
C126	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005
C127	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005
C128	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005
C149	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C201	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C202	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C203	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C204	1-100-415-91 s	CAP, CHIP CERAMIC 0.47MF(1005)
C205	1-100-415-91 s	CAP, CHIP CERAMIC 0.47MF(1005)
C206	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C207	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C208	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C209	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C210	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C301	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C302	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C303	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C304	1-100-415-91 s	CAP, CHIP CERAMIC 0.47MF(1005)
C305	1-100-415-91 s	CAP, CHIP CERAMIC 0.47MF(1005)
C306	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C307	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C308	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C309	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C310	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)

SDI-98 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C401	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C402	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C403	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C404	1-100-415-91 s	CAP, CHIP CERAMIC 0.47MF(1005)
C405	1-100-415-91 s	CAP, CHIP CERAMIC 0.47MF(1005)
C406	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C407	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C408	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C409	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C410	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C501	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C502	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C503	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C505	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005
C506	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C507	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C508	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C509	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C510	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C511	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C601	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C602	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C603	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C701	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C702	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C703	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C801	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C802	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C803	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C901	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C902	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C903	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C904	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C905	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C906	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
CN102	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN103	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN104	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN105	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN106	1-778-647-31 s	CONNECTOR, FFC/FPC(ZIF) ST 15P
D1	8-719-083-60 s	DI UDZSUSTE-174.7B
D2	8-719-083-60 s	DI UDZSUSTE-174.7B
E1	1-535-877-22 s	CHIP, CHECKER
E2	1-535-877-22 s	CHIP, CHECKER
FB1	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB2	1-469-094-21 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)
FB101	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB201	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB301	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB401	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
IC1	8-759-327-01 s	IC NJM062V(TE2)
IC2	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC3	8-759-327-01 s	IC NJM062V(TE2)
IC4	6-706-220-01 s	IC LTC3411EMS#TR
IC5	6-712-135-01 o	IC R1173H001D-T1-F
IC6	8-759-338-95 s	IC NJM2903V(TE2)
IC104	6-707-863-01 s	IC TC74VHC08FT(EKJ)
IC501	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC502	8-759-523-02 s	IC TC74HC4053AFT(EL)
IC901	8-759-561-46 s	IC AD8014ARTZ-REEL7

SDI-98 BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC902	8-759-561-46 s	IC AD8014ARTZ-REEL7
L1	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L3	1-419-630-21 s	COIL, CHOKE 4.7UH
L101	1-414-838-21 s	INDUCTOR, CHIP 6.8NH (1005)
L102	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L103	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L105	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L201	1-414-838-21 s	INDUCTOR, CHIP 6.8NH (1005)
L301	1-414-838-21 s	INDUCTOR, CHIP 6.8NH (1005)
L401	1-414-838-21 s	INDUCTOR, CHIP 6.8NH (1005)
L501	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L502	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
Q1	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q2	6-550-632-01 s	TRANSISTOR 2SC4672-T100-Q
Q3	8-729-035-99 s	TRANSISTOR 2SA1615-Z-E2
Q4	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q9	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q501	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q502	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q503	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q504	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q505	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q506	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q507	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q508	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q509	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q510	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q601	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q602	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q603	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q604	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q605	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q606	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q701	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q702	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q703	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q704	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q705	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q706	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q801	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q802	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q803	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q804	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q805	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q806	8-729-928-82 s	TRANSISTOR DTC144EE-TL
R1	1-208-871-81 s	RES, CHIP 220 (1005)
R2	1-208-871-81 s	RES, CHIP 220 (1005)
R3	1-208-923-81 s	RES, CHIP 33K (1005)
R4	1-208-927-81 s	RES, CHIP 47K (1005)
R5	1-208-923-81 s	RES, CHIP 33K (1005)
R6	1-208-931-81 s	RES, CHIP 68K (1005)
R7	1-208-931-81 s	RES, CHIP 68K (1005)
R8	1-208-863-81 s	RES, CHIP 100 (1005)
R9	1-208-871-81 s	RES, CHIP 220 (1005)
R10	1-208-871-81 s	RES, CHIP 220 (1005)
R11	1-208-923-81 s	RES, CHIP 33K (1005)
R12	1-208-923-81 s	RES, CHIP 33K (1005)
R13	1-208-919-81 s	RES, CHIP 22K (1005)
R14	1-208-907-81 s	RES, CHIP 6.8K (1005)
R15	1-208-923-81 s	RES, CHIP 33K (1005)
R20	1-208-919-81 s	RES, CHIP 22K (1005)

SDI-98 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R21	1-208-919-81 s	RES, CHIP 22K (1005)
R22	1-208-923-81 s	RES, CHIP 33K (1005)
R23	1-208-943-81 s	RES, CHIP 220K (1005)
R24	1-208-959-81 s	RES, CHIP 1M (1005)
R25	1-208-959-81 s	RES, CHIP 1M (1005)
R26	1-243-975-81 s	RES, CHIP 4.7M (1005)
R27	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R28	1-208-891-81 s	RES, CHIP 1.5K (1005)
R29	1-208-907-81 s	RES, CHIP 6.8K (1005)
R30	1-208-923-81 s	RES, CHIP 33K (1005)
R31	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R32	1-208-887-81 s	RES, CHIP 1.0K (1005)
R33	1-208-887-81 s	RES, CHIP 1.0K (1005)
R34	1-208-911-81 s	RES, CHIP 10K (1005)
R35	1-208-919-81 s	RES, CHIP 22K (1005)
R36	1-208-911-81 s	RES, CHIP 10K (1005)
R37	1-208-903-81 s	RES, CHIP 4.7K (1005)
R38	1-208-923-81 s	RES, CHIP 33K (1005)
R39	1-208-907-81 s	RES, CHIP 6.8K (1005)
R40	1-208-927-81 s	RES, CHIP 47K (1005)
R41	1-208-923-81 s	RES, CHIP 33K (1005)
R42	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R43	1-208-907-81 s	RES, CHIP 6.8K (1005)
R44	1-208-911-81 s	RES, CHIP 10K (1005)
R45	1-208-899-81 s	RES, CHIP 3.3K (1005)
R46	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R47	1-208-895-81 s	RES, CHIP 2.2K (1005)
R48	1-208-911-81 s	RES, CHIP 10K (1005)
R49	1-208-911-81 s	RES, CHIP 10K (1005)
R50	1-208-863-81 s	RES, CHIP 100 (1005)
R51	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R52	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R102	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R104	1-208-860-81 s	RES, CHIP 75 (1005)
R105	1-208-860-81 s	RES, CHIP 75 (1005)
R106	1-208-860-81 s	RES, CHIP 75 (1005)
R107	1-208-860-81 s	RES, CHIP 75 (1005)
R108	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R110	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R112	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R113	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R115	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R117	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R119	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R120	1-208-863-81 s	RES, CHIP 100 (1005)
R122	1-208-863-81 s	RES, CHIP 100 (1005)
R123	1-208-863-81 s	RES, CHIP 100 (1005)
R124	1-208-863-81 s	RES, CHIP 100 (1005)
R125	1-208-911-81 s	RES, CHIP 10K (1005)
R126	1-208-911-81 s	RES, CHIP 10K (1005)
R127	1-220-878-81 s	RES, CHIP 22 (1005)
R128	1-220-878-81 s	RES, CHIP 22 (1005)
R129	1-208-863-81 s	RES, CHIP 100 (1005)
R130	1-220-878-81 s	RES, CHIP 22 (1005)
R131	1-220-878-81 s	RES, CHIP 22 (1005)
R134	1-220-878-81 s	RES, CHIP 22 (1005)
R135	1-220-878-81 s	RES, CHIP 22 (1005)
R145	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R146	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R147	1-208-863-81 s	RES, CHIP 100 (1005)
R148	1-208-863-81 s	RES, CHIP 100 (1005)
R149	1-208-863-81 s	RES, CHIP 100 (1005)
R150	1-208-863-81 s	RES, CHIP 100 (1005)
R152	1-208-863-81 s	RES, CHIP 100 (1005)
R154	1-208-911-81 s	RES, CHIP 10K (1005)

SDI-98 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R202	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R204	1-208-860-81 s	RES, CHIP 75 (1005)
R205	1-208-860-81 s	RES, CHIP 75 (1005)
R206	1-208-860-81 s	RES, CHIP 75 (1005)
R207	1-208-860-81 s	RES, CHIP 75 (1005)
R208	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R210	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R212	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R213	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R302	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R304	1-208-860-81 s	RES, CHIP 75 (1005)
R305	1-208-860-81 s	RES, CHIP 75 (1005)
R306	1-208-860-81 s	RES, CHIP 75 (1005)
R307	1-208-860-81 s	RES, CHIP 75 (1005)
R308	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R310	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R312	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R313	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R402	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R404	1-208-860-81 s	RES, CHIP 75 (1005)
R405	1-208-860-81 s	RES, CHIP 75 (1005)
R406	1-208-860-81 s	RES, CHIP 75 (1005)
R407	1-208-860-81 s	RES, CHIP 75 (1005)
R408	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R410	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R412	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R413	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R501	1-208-867-81 s	RES, CHIP 150 (1005)
R502	1-208-867-81 s	RES, CHIP 150 (1005)
R503	1-208-863-81 s	RES, CHIP 100 (1005)
R504	1-208-899-81 s	RES, CHIP 3.3K (1005)
R505	1-208-943-81 s	RES, CHIP 220K (1005)
R506	1-208-899-81 s	RES, CHIP 3.3K (1005)
R507	1-208-927-81 s	RES, CHIP 47K (1005)
R508	1-208-915-81 s	RES, CHIP 15K (1005)
R509	1-208-911-81 s	RES, CHIP 10K (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	1-208-899-81 s	RES, CHIP 3.3K (1005)
R515	1-208-863-81 s	RES, CHIP 100 (1005)
R516	1-208-911-81 s	RES, CHIP 10K (1005)
R517	1-208-875-81 s	RES, CHIP 330 (1005)
R518	1-208-883-81 s	RES, CHIP 680 (1005)
R519	1-208-891-81 s	RES, CHIP 1.5K (1005)
R520	1-208-887-81 s	RES, CHIP 1.0K (1005)
R521	1-208-895-81 s	RES, CHIP 2.2K (1005)
R522	1-208-875-81 s	RES, CHIP 330 (1005)
R553	1-208-863-81 s	RES, CHIP 100 (1005)
R554	1-208-863-81 s	RES, CHIP 100 (1005)
R555	1-208-935-81 s	RES, CHIP 100K (1005)
R556	1-208-935-81 s	RES, CHIP 100K (1005)
R601	1-208-867-81 s	RES, CHIP 150 (1005)
R602	1-208-867-81 s	RES, CHIP 150 (1005)
R603	1-208-863-81 s	RES, CHIP 100 (1005)
R604	1-208-899-81 s	RES, CHIP 3.3K (1005)
R605	1-208-943-81 s	RES, CHIP 220K (1005)
R606	1-208-899-81 s	RES, CHIP 3.3K (1005)
R607	1-208-927-81 s	RES, CHIP 47K (1005)
R608	1-208-915-81 s	RES, CHIP 15K (1005)
R609	1-208-911-81 s	RES, CHIP 10K (1005)
R701	1-208-867-81 s	RES, CHIP 150 (1005)
R702	1-208-867-81 s	RES, CHIP 150 (1005)
R703	1-208-863-81 s	RES, CHIP 100 (1005)

SDI-98 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R704	1-208-899-81 s	RES, CHIP 3.3K (1005)
R705	1-208-943-81 s	RES, CHIP 220K (1005)
R706	1-208-899-81 s	RES, CHIP 3.3K (1005)
R707	1-208-927-81 s	RES, CHIP 47K (1005)
R708	1-208-915-81 s	RES, CHIP 15K (1005)
R709	1-208-911-81 s	RES, CHIP 10K (1005)
R801	1-208-867-81 s	RES, CHIP 150 (1005)
R802	1-208-867-81 s	RES, CHIP 150 (1005)
R803	1-208-863-81 s	RES, CHIP 100 (1005)
R804	1-208-899-81 s	RES, CHIP 3.3K (1005)
R805	1-208-943-81 s	RES, CHIP 220K (1005)
R806	1-208-899-81 s	RES, CHIP 3.3K (1005)
R807	1-208-927-81 s	RES, CHIP 47K (1005)
R808	1-208-915-81 s	RES, CHIP 15K (1005)
R809	1-208-911-81 s	RES, CHIP 10K (1005)
R901	1-208-863-81 s	RES, CHIP 100 (1005)
R902	1-208-923-81 s	RES, CHIP 33K (1005)
R903	1-208-887-81 s	RES, CHIP 1.0K (1005)
R904	1-208-887-81 s	RES, CHIP 1.0K (1005)
R905	1-208-875-81 s	RES, CHIP 330 (1005)
R906	1-208-863-81 s	RES, CHIP 100 (1005)
R907	1-208-923-81 s	RES, CHIP 33K (1005)
R908	1-208-887-81 s	RES, CHIP 1.0K (1005)
R909	1-208-887-81 s	RES, CHIP 1.0K (1005)
R910	1-208-875-81 s	RES, CHIP 330 (1005)
RB101	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB103	1-234-372-21 s	RES, NETWORK 100 (1005X4)
THP1	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP2	△ 1-804-616-21 s	THERMISTOR, POSITIVE

SDP-17 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1856-358-A s	MOUNTED CIRCUIT BOARD, SDP-17
1pc	1-490-082-11 s	OPTICAL CONNECTOR (ATTENUATOR)
1pc	1-840-881-11 s	MODULE, OPTICAL (SFP)
2pcs	3-364-941-01 s	SCREW (+B) (2.6X5), NYLOK
2pcs	3-364-941-01 s	SCREW (+B) (2.6X5), NYLOK
1pc	4-669-854-01 s	CAGE, TOP
C101	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C102	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C103	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C104	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C105	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C108	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C109	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C110	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C111	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C112	1-164-858-81 s	CAP, CHIP CERAMIC 22PF 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	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C116	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C117	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C119	1-126-394-21 s	CAP, CHIP ELECT 10MF (4X5.7)
C120	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C121	1-112-066-11 s	CAP, CERAMIC 10MF X7R 3216
C122	1-112-066-11 s	CAP, CERAMIC 10MF X7R 3216
C123	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225

SDP-17 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C124	1-112-066-11 s	CAP, CERAMIC 10MF X7R 3216
C125	1-112-066-11 s	CAP, CERAMIC 10MF X7R 3216
C126	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C130	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C131	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C132	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C133	1-112-066-11 s	CAP, CERAMIC 10MF X7R 3216
C134	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C135	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C136	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C137	1-112-066-11 s	CAP, CERAMIC 10MF X7R 3216
C138	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C139	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C140	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C141	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C142	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C143	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C145	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C146	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C147	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C149	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C150	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C151	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C152	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C153	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C154	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C155	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C156	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C158	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C159	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C160	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C161	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C165	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C166	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C168	1-112-066-11 s	CAP, CERAMIC 10MF X7R 3216
C169	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C170	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C171	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C172	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C173	1-112-066-11 s	CAP, CERAMIC 10MF X7R 3216
C174	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C175	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C176	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C177	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C178	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C179	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C180	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C181	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C200	1-126-394-21 s	CAP, CHIP ELECT 10MF (4X5.7)
C201	1-126-394-21 s	CAP, CHIP ELECT 10MF (4X5.7)
C202	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C203	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C204	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C205	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C206	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C207	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C208	1-125-891-91 s	CAP, CHIP CERAMIC0.47MF B 1608
C209	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C210	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C211	1-125-891-91 s	CAP, CHIP CERAMIC0.47MF B 1608
C212	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C213	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225

SDP-17 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C703	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C704	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C705	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C706	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C707	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C708	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C711	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C712	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C713	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C714	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C715	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C716	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C717	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C718	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C719	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C720	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C721	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C722	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C723	1-112-324-91 s	CAP, CERAMIC 0.47MF C (1005)
C724	1-112-324-91 s	CAP, CERAMIC 0.47MF C (1005)
C726	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C727	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C728	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C729	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C730	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C731	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C732	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C733	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C734	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C735	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C736	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C737	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C738	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C739	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C740	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C741	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C832	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C833	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C834	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C835	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C836	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C837	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C838	1-112-300-91 s	CAP, CERAMIC 4.7MF B (2012)
C839	1-114-549-11 s	CAP, NIOBIUM ELECT 47UF
C840	1-114-548-11 s	CAP, NIOBIUM ELECT 22UF
C841	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C842	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C843	1-127-950-21 s	CAP, CHIP FILM 0.01MF (2012)
C846	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C847	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C854	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C855	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C856	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C857	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C858	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C900	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C901	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C902	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C903	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C905	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C906	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
C911	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

SDP-17 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C912	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	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C916	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C917	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C918	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C919	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C920	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C921	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C922	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C923	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C924	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C925	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C926	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C927	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C928	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C929	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C930	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C931	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
CN200	1-695-480-21 o	PIN, CONNECTOR (PC BOARD) 2P
CN600	1-784-254-21 s	CONNECTOR 10P
CN700	1-817-176-11 s	CONNECTOR, SFP FIBER CHANNEL
CN701	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN702	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN900	1-770-470-21 s	PIN, CONNECTOR (PC BOARD) 6P
CN901	1-822-664-11 s	JACK, MODULAR (GIGA LED SMALL)
CN902	1-843-225-11 s	JACK,MODULAR (WITH TRANSFORMER)
D100	8-719-083-60 s	DI UDZSUSTE-174.7B
D101	8-719-083-60 s	DI UDZSUSTE-174.7B
D103	8-719-083-60 s	DI UDZSUSTE-174.7B
D200	8-719-991-01 s	DIODE DAP222-TL
D201	8-719-991-01 s	DIODE DAP222-TL
D202	8-719-991-01 s	DIODE DAP222-TL
D400	6-502-197-01 s	DI SML-D12M8WT86SM
D401	6-502-598-01 s	DI SML-D12U8WT86
D402	6-502-197-01 s	DI SML-D12M8WT86SM
D403	6-502-598-01 s	DI SML-D12U8WT86
D600	6-502-598-01 s	DI SML-D12U8WT86
D700	6-502-598-01 s	DI SML-D12U8WT86
D703	6-502-598-01 s	DI SML-D12U8WT86
D803	8-719-024-71 s	DIODE 1SS362-TE85L
D804	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	1-780-408-11 o	TERMINAL, LUG
E6	1-780-408-11 o	TERMINAL, LUG
E100	1-694-974-21 s	CONTACT TERMINAL
E101	1-694-974-21 s	CONTACT TERMINAL
E102	1-694-974-21 s	CONTACT TERMINAL
E103	1-694-974-21 s	CONTACT TERMINAL
E104	1-694-974-21 s	CONTACT TERMINAL
E105	1-694-974-21 s	CONTACT TERMINAL
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)

SDP-17 BOARD

Ref. No. or Q'ty	Part No.	SP Description
FB109	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB110	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB111	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB112	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB113	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB114	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB115	1-469-094-21 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)
FB300	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB301	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB500	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB501	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB600	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB700	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB701	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB702	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB806	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB900	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB901	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB902	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
IC101	6-713-169-01 s	IC LTC3412AEFE#TR
IC102	6-713-169-01 s	IC LTC3412AEFE#TR
IC103	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC104	6-712-135-01 o	IC R1173H001D-T1-F
IC105	6-706-220-01 s	IC LTC3411EMS#TR
IC106	6-712-135-01 o	IC R1173H001D-T1-F
IC107	6-712-135-01 o	IC R1173H001D-T1-F
IC108	8-759-327-01 s	IC NJM062V (TE2)
IC109	8-759-327-01 s	IC NJM062V (TE2)
IC110	8-759-327-01 s	IC NJM062V (TE2)
IC200	6-711-915-01 s	IC LM73CIMK-0
IC206	8-759-338-95 s	IC NJM2903V (TE2)
IC207	8-759-338-95 s	IC NJM2903V (TE2)
IC208	6-707-858-01 s	IC TC74VHC00FT (EKJ)
IC209	8-759-327-01 s	IC NJM062V (TE2)
IC210	8-759-327-01 s	IC NJM062V (TE2)
IC500	6-714-534-01 s	IC W9864G2IH-6-ER10
IC501	6-714-534-01 s	IC W9864G2IH-6-ER10
IC503	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC504	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC506	6-706-487-01 s	IC TC7SH08FU
IC507	6-706-487-01 s	IC TC7SH08FU
IC508	6-703-875-01 s	IC CDCVF2505PWR
IC600	6-706-487-01 s	IC TC7SH08FU
IC602	6-706-487-01 s	IC TC7SH08FU
IC603	8-759-592-49 s	IC TC7SZ125FU (TE85R)
IC604	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC605	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC606	6-706-484-01 s	IC TC7SH04FU
IC607	6-706-482-01 s	IC TC7SH00FU
IC701	6-706-484-01 s	IC TC7SH04FU
IC704	6-706-484-01 s	IC TC7SH04FU
IC706	6-713-192-11 s	IC GS2978-CNTE3Z
IC713	6-706-487-01 s	IC TC7SH08FU
IC714	6-706-482-01 s	IC TC7SH00FU
IC716	6-706-483-01 s	IC TC7SH02FU
IC717	6-706-487-01 s	IC TC7SH08FU
IC800	8-759-485-24 s	IC MC74HC4046ADTR2
IC805	6-706-478-01 s	IC TC7SET08FU
IC806	6-706-478-01 s	IC TC7SET08FU

SDP-17 BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC807	8-759-669-66 s	IC TLC272CPWR-12
IC808	6-702-982-01 s	IC TC7SA00FU (TE85R)
IC901	6-702-879-01 s	IC R3112N281A-TR-FA
IC903	6-706-487-01 s	IC TC7SH08FU
IC904	6-706-487-01 s	IC TC7SH08FU
IC905	6-706-487-01 s	IC TC7SH08FU
IC906	6-706-487-01 s	IC TC7SH08FU
JC900	1-218-990-81 s	CONDUCTOR, CHIP (1005)
JC901	1-218-990-81 s	CONDUCTOR, CHIP (1005)
L100	1-457-372-21 s	COIL, CHOKE 1UH
L101	1-457-372-21 s	COIL, CHOKE 1UH
L102	1-419-630-21 s	COIL, CHOKE 4.7UH
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
L309	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L310	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L700	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L701	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L702	1-414-461-41 s	INDUCTOR, CHIP (K) 6.8NH
L703	1-414-457-21 s	INDUCTOR, CHIP (S) 3.3NH
L704	1-414-457-21 s	INDUCTOR, CHIP (S) 3.3NH
L801	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L802	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L803	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L804	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L805	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
Q100	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q101	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q102	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q104	8-729-035-99 s	TRANSISTOR 2SA1615-Z-E2
Q105	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q106	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q200	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q201	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q202	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q203	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q204	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q205	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q400	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q401	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q402	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q403	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q404	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q405	8-729-928-82 s	TRANSISTOR DTC144EE-TL
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
Q703	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q704	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q705	6-552-494-01 s	TR SI2307CDS-T1-GE3
Q807	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q808	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q809	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q810	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q815	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
R100	1-242-967-81 s	RES, CHIP 1.0 (1005)
R101	1-242-967-81 s	RES, CHIP 1.0 (1005)

SDP-17 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R102	1-242-967-81 s	RES, CHIP 1.0 (1005)
R103	1-242-967-81 s	RES, CHIP 1.0 (1005)
R105	1-208-911-81 s	RES, CHIP 10K (1005)
R106	1-208-871-81 s	RES, CHIP 220 (1005)
R107	1-208-871-81 s	RES, CHIP 220 (1005)
R109	1-208-911-81 s	RES, CHIP 10K (1005)
R110	1-220-804-81 s	RES, CHIP 2.2M
R111	1-243-975-81 s	RES, CHIP 4.7M (1005)
R112	1-208-943-81 s	RES, CHIP 220K (1005)
R113	1-208-919-81 s	RES, CHIP 22K (1005)
R114	1-220-804-81 s	RES, CHIP 2.2M
R115	1-243-975-81 s	RES, CHIP 4.7M (1005)
R116	1-208-943-81 s	RES, CHIP 220K (1005)
R117	1-208-935-81 s	RES, CHIP 100K (1005)
R118	1-208-923-81 s	RES, CHIP 33K (1005)
R119	1-208-923-81 s	RES, CHIP 33K (1005)
R120	1-208-931-81 s	RES, CHIP 68K (1005)
R121	1-208-931-81 s	RES, CHIP 68K (1005)
R122	1-208-927-81 s	RES, CHIP 47K (1005)
R123	1-208-915-81 s	RES, CHIP 15K (1005)
R124	1-208-887-81 s	RES, CHIP 1.0K (1005)
R125	1-208-899-81 s	RES, CHIP 3.3K (1005)
R126	1-208-927-81 s	RES, CHIP 47K (1005)
R127	1-208-895-81 s	RES, CHIP 2.2K (1005)
R128	1-208-927-81 s	RES, CHIP 47K (1005)
R129	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2 (3225)
R130	1-208-891-81 s	RES, CHIP 1.5K (1005)
R131	1-208-903-81 s	RES, CHIP 4.7K (1005)
R132	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2 (3225)
R133	1-242-967-81 s	RES, CHIP 1.0 (1005)
R134	1-242-967-81 s	RES, CHIP 1.0 (1005)
R135	1-208-871-81 s	RES, CHIP 220 (1005)
R139	1-208-939-81 s	RES, CHIP 150K (1005)
R140	1-208-923-81 s	RES, CHIP 33K (1005)
R141	1-208-927-81 s	RES, CHIP 47K (1005)
R142	1-208-927-81 s	RES, CHIP 47K (1005)
R143	1-208-927-81 s	RES, CHIP 47K (1005)
R144	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R145	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R146	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R147	1-208-863-81 s	RES, CHIP 100 (1005)
R148	1-208-871-81 s	RES, CHIP 220 (1005)
R149	1-208-927-81 s	RES, CHIP 47K (1005)
R150	1-208-895-81 s	RES, CHIP 2.2K (1005)
R151	1-208-895-81 s	RES, CHIP 2.2K (1005)
R152	1-208-919-81 s	RES, CHIP 22K (1005)
R153	1-208-919-81 s	RES, CHIP 22K (1005)
R155	1-208-919-81 s	RES, CHIP 22K (1005)
R156	1-208-919-81 s	RES, CHIP 22K (1005)
R157	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R158	1-208-943-81 s	RES, CHIP 220K (1005)
R159	1-208-919-81 s	RES, CHIP 22K (1005)
R160	1-208-923-81 s	RES, CHIP 33K (1005)
R161	1-208-923-81 s	RES, CHIP 33K (1005)
R162	1-208-959-81 s	RES, CHIP 1M (1005)
R163	1-208-959-81 s	RES, CHIP 1M (1005)
R164	1-208-863-81 s	RES, CHIP 100 (1005)
R165	1-208-919-81 s	RES, CHIP 22K (1005)
R166	1-208-923-81 s	RES, CHIP 33K (1005)
R167	1-208-911-81 s	RES, CHIP 10K (1005)
R168	1-243-975-81 s	RES, CHIP 4.7M (1005)
R169	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2 (3225)
R170	1-208-927-81 s	RES, CHIP 47K (1005)
R171	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R172	1-208-899-81 s	RES, CHIP 3.3K (1005)

SDP-17 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R173	1-208-903-81 s	RES, CHIP 4.7K (1005)
R174	1-208-911-81 s	RES, CHIP 10K (1005)
R175	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R176	1-208-911-81 s	RES, CHIP 10K (1005)
R177	1-208-911-81 s	RES, CHIP 10K (1005)
R178	1-208-911-81 s	RES, CHIP 10K (1005)
R179	1-208-887-81 s	RES, CHIP 1.0K (1005)
R180	1-208-911-81 s	RES, CHIP 10K (1005)
R200	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R201	1-220-264-91 s	RES,SQUARE TYPE CHIP 1.0K 3225
R202	1-208-863-81 s	RES, CHIP 100 (1005)
R203	1-208-887-81 s	RES, CHIP 1.0K (1005)
R205	1-208-935-81 s	RES, CHIP 100K (1005)
R206	1-208-911-81 s	RES, CHIP 10K (1005)
R207	1-208-911-81 s	RES, CHIP 10K (1005)
R208	1-208-919-81 s	RES, CHIP 22K (1005)
R209	1-208-879-81 s	RES, CHIP 470 (1005)
R210	1-208-903-81 s	RES, CHIP 4.7K (1005)
R211	1-208-907-81 s	RES, CHIP 6.8K (1005)
R212	1-208-911-81 s	RES, CHIP 10K (1005)
R213	1-208-895-81 s	RES, CHIP 2.2K (1005)
R214	1-208-927-81 s	RES, CHIP 47K (1005)
R215	1-208-903-81 s	RES, CHIP 4.7K (1005)
R216	1-208-899-81 s	RES, CHIP 3.3K (1005)
R217	1-208-875-81 s	RES, CHIP 330 (1005)
R218	1-208-903-81 s	RES, CHIP 4.7K (1005)
R219	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R220	1-208-907-81 s	RES, CHIP 6.8K (1005)
R221	1-208-891-81 s	RES, CHIP 1.5K (1005)
R222	1-208-919-81 s	RES, CHIP 22K (1005)
R223	1-208-919-81 s	RES, CHIP 22K (1005)
R224	1-208-927-81 s	RES, CHIP 47K (1005)
R225	1-208-927-81 s	RES, CHIP 47K (1005)
R226	1-208-927-81 s	RES, CHIP 47K (1005)
R227	1-208-911-81 s	RES, CHIP 10K (1005)
R228	1-208-895-81 s	RES, CHIP 2.2K (1005)
R229	1-208-907-81 s	RES, CHIP 6.8K (1005)
R230	1-208-911-81 s	RES, CHIP 10K (1005)
R231	1-208-911-81 s	RES, CHIP 10K (1005)
R232	1-208-935-81 s	RES, CHIP 100K (1005)
R234	1-208-911-81 s	RES, CHIP 10K (1005)
R235	1-208-935-81 s	RES, CHIP 100K (1005)
R237	1-208-919-81 s	RES, CHIP 22K (1005)
R238	1-208-919-81 s	RES, CHIP 22K (1005)
R239	1-208-927-81 s	RES, CHIP 47K (1005)
R240	1-208-927-81 s	RES, CHIP 47K (1005)
R243	1-208-927-81 s	RES, CHIP 47K (1005)
R244	1-208-927-81 s	RES, CHIP 47K (1005)
R245	1-208-895-81 s	RES, CHIP 2.2K (1005)
R246	1-208-907-81 s	RES, CHIP 6.8K (1005)
R247	1-208-911-81 s	RES, CHIP 10K (1005)
R248	1-208-911-81 s	RES, CHIP 10K (1005)
R249	1-208-887-81 s	RES, CHIP 1.0K (1005)
R250	1-208-911-81 s	RES, CHIP 10K (1005)
R251	1-208-887-81 s	RES, CHIP 1.0K (1005)
R252	1-208-927-81 s	RES, CHIP 47K (1005)
R253	1-208-863-81 s	RES, CHIP 100 (1005)
R254	1-208-927-81 s	RES, CHIP 47K (1005)
R255	1-208-863-81 s	RES, CHIP 100 (1005)
R300	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R400	1-208-911-81 s	RES, CHIP 10K (1005)
R401	1-208-911-81 s	RES, CHIP 10K (1005)
R402	1-208-903-81 s	RES, CHIP 4.7K (1005)
R403	1-208-903-81 s	RES, CHIP 4.7K (1005)
R426	1-218-990-81 s	CONDUCTOR, CHIP (1005)

SDP-17 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R700	1-208-911-81 s	RES, CHIP 10K (1005)
R701	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	1-208-911-81 s	RES, CHIP 10K (1005)
R707	1-208-887-81 s	RES, CHIP 1.0K (1005)
R708	1-208-887-81 s	RES, CHIP 1.0K (1005)
R709	1-208-911-81 s	RES, CHIP 10K (1005)
R710	1-208-911-81 s	RES, CHIP 10K (1005)
R711	1-208-911-81 s	RES, CHIP 10K (1005)
R712	1-208-911-81 s	RES, CHIP 10K (1005)
R716	1-208-911-81 s	RES, CHIP 10K (1005)
R718	1-208-935-81 s	RES, CHIP 100K (1005)
R719	1-208-911-81 s	RES, CHIP 10K (1005)
R720	1-208-935-81 s	RES, CHIP 100K (1005)
R721	1-208-911-81 s	RES, CHIP 10K (1005)
R722	1-208-903-81 s	RES, CHIP 4.7K (1005)
R723	1-208-903-81 s	RES, CHIP 4.7K (1005)
R725	1-208-863-81 s	RES, CHIP 100 (1005)
R726	1-208-863-81 s	RES, CHIP 100 (1005)
R729	1-208-863-81 s	RES, CHIP 100 (1005)
R730	1-208-935-81 s	RES, CHIP 100K (1005)
R731	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R737	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R741	1-208-860-81 s	RES, CHIP 75 (1005)
R742	1-208-860-81 s	RES, CHIP 75 (1005)
R743	1-208-860-81 s	RES, CHIP 75 (1005)
R744	1-208-860-81 s	RES, CHIP 75 (1005)
R748	1-208-863-81 s	RES, CHIP 100 (1005)
R749	1-208-911-81 s	RES, CHIP 10K (1005)
R750	1-208-911-81 s	RES, CHIP 10K (1005)
R751	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R753	1-208-856-81 s	RES, CHIP 51 (1005)
R754	1-208-856-81 s	RES, CHIP 51 (1005)
R755	1-208-863-81 s	RES, CHIP 100 (1005)
R756	1-208-883-81 s	RES, CHIP 680 (1005)
R757	1-208-855-81 s	RES, CHIP 47 (1005)
R758	1-208-935-81 s	RES, CHIP 100K (1005)
R759	1-208-863-81 s	RES, CHIP 100 (1005)
R760	1-208-935-81 s	RES, CHIP 100K (1005)
R761	1-208-860-81 s	RES, CHIP 75 (1005)
R762	1-208-860-81 s	RES, CHIP 75 (1005)
R763	1-208-863-81 s	RES, CHIP 100 (1005)
R764	1-208-863-81 s	RES, CHIP 100 (1005)
R765	1-208-860-81 s	RES, CHIP 75 (1005)
R767	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R769	1-208-911-81 s	RES, CHIP 10K (1005)
R770	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R771	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R847	1-208-871-81 s	RES, CHIP 220 (1005)
R848	1-208-871-81 s	RES, CHIP 220 (1005)
R850	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R851	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R853	1-208-863-81 s	RES, CHIP 100 (1005)
R854	1-208-863-81 s	RES, CHIP 100 (1005)
R855	1-208-895-81 s	RES, CHIP 2.2K (1005)
R856	1-208-895-81 s	RES, CHIP 2.2K (1005)
R857	1-208-871-81 s	RES, CHIP 220 (1005)
R858	1-208-911-81 s	RES, CHIP 10K (1005)
R859	1-208-895-81 s	RES, CHIP 2.2K (1005)
R863	1-208-927-81 s	RES, CHIP 47K (1005)
R864	1-208-887-81 s	RES, CHIP 1.0K (1005)
R865	1-208-927-81 s	RES, CHIP 47K (1005)
R866	1-218-990-81 s	CONDUCTOR, CHIP (1005)

SDP-17 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R867	1-208-895-81 s	RES, CHIP 2.2K (1005)
R868	1-208-911-81 s	RES, CHIP 10K (1005)
R869	1-208-911-81 s	RES, CHIP 10K (1005)
R870	1-208-919-81 s	RES, CHIP 22K (1005)
R871	1-208-911-81 s	RES, CHIP 10K (1005)
R872	1-208-911-81 s	RES, CHIP 10K (1005)
R873	1-208-919-81 s	RES, CHIP 22K (1005)
R884	1-220-870-81 s	RES, CHIP 10 (1005)
R885	1-220-870-81 s	RES, CHIP 10 (1005)
R886	1-208-931-81 s	RES, CHIP 68K (1005)
R887	1-208-931-81 s	RES, CHIP 68K (1005)
R888	1-208-911-81 s	RES, CHIP 10K (1005)
R889	1-208-959-81 s	RES, CHIP 1M (1005)
R890	1-208-887-81 s	RES, CHIP 1.0K (1005)
R891	1-208-871-81 s	RES, CHIP 220 (1005)
R892	1-220-870-81 s	RES, CHIP 10 (1005)
R893	1-208-871-81 s	RES, CHIP 220 (1005)
R900	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R901	1-208-871-81 s	RES, CHIP 220 (1005)
R902	1-208-911-81 s	RES, CHIP 10K (1005)
R903	1-208-871-81 s	RES, CHIP 220 (1005)
R904	1-208-871-81 s	RES, CHIP 220 (1005)
R905	1-208-855-81 s	RES, CHIP 47 (1005)
R906	1-208-855-81 s	RES, CHIP 47 (1005)
R907	1-208-863-81 s	RES, CHIP 100 (1005)
R908	1-208-855-81 s	RES, CHIP 47 (1005)
R909	1-208-855-81 s	RES, CHIP 47 (1005)
R911	1-208-863-81 s	RES, CHIP 100 (1005)
R912	1-208-863-81 s	RES, CHIP 100 (1005)
R914	1-208-935-81 s	RES, CHIP 100K (1005)
R915	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R916	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R918	1-208-903-81 s	RES, CHIP 4.7K (1005)
R919	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R920	1-208-855-81 s	RES, CHIP 47 (1005)
R921	1-208-855-81 s	RES, CHIP 47 (1005)
R922	1-220-870-81 s	RES, CHIP 10 (1005)
R923	1-220-870-81 s	RES, CHIP 10 (1005)
R924	1-218-871-91 s	RES, CHIP 10K (1608)
R925	1-218-871-91 s	RES, CHIP 10K (1608)
R926	1-220-870-81 s	RES, CHIP 10 (1005)
R927	1-220-870-81 s	RES, CHIP 10 (1005)
R928	1-220-870-81 s	RES, CHIP 10 (1005)
R929	1-220-870-81 s	RES, CHIP 10 (1005)
R930	1-220-878-81 s	RES, CHIP 22 (1005)
R931	1-208-887-81 s	RES, CHIP 1.0K (1005)
R932	1-208-887-81 s	RES, CHIP 1.0K (1005)
R933	1-220-878-81 s	RES, CHIP 22 (1005)
R934	1-220-878-81 s	RES, CHIP 22 (1005)
R935	1-220-878-81 s	RES, CHIP 22 (1005)
R936	1-220-878-81 s	RES, CHIP 22 (1005)
R937	1-220-878-81 s	RES, CHIP 22 (1005)
R940	1-208-927-81 s	RES, CHIP 47K (1005)
R941	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R942	1-218-990-81 s	CONDUCTOR, CHIP (1005)
RB200	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB400	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB401	1-234-381-21 s	RES, NETWORK 100K (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	1-234-372-21 s	RES, NETWORK 100 (1005X4)

SDP-17 BOARD

Ref. No. or Q'ty	Part No.	SP Description
RB506	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB507	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB508	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB509	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB510	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB511	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB512	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB513	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB514	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB515	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB516	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB517	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB518	1-234-373-21 s	RES, NETWORK 220 (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)
RB523	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB524	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB600	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB601	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB602	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB603	1-234-378-21 s	RES, NETWORK 10K (1005X4)
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)
RB900	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB901	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB902	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB903	1-234-372-21 s	RES, NETWORK 100 (1005X4)
S400	1-692-271-41 s	SWITCH, SLIDE
S900	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
TP500	1-535-877-22 s	CHIP, CHECKER
TP501	1-535-877-22 s	CHIP, CHECKER
TP800	1-535-877-22 s	CHIP, CHECKER
X802	1-795-670-12 s	OSCILLATOR, CRYSTAL (VCXO) 3.3V
X803	1-795-671-12 s	OSCILLATOR, CRYSTAL (VCXO) 3.3V
X900	1-814-291-11 s	OSCILLATOR, CRYSTAL (25MHZ)

VDA-64A BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1132-791-A s	MOUNTED CIRCUIT BOARD, VDA-64A
8pcs	3-364-941-01 s	SCREW (+B) (2.6X5), NYLOK
C1	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C2	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C3	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C4	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)

VDA-64A BOARD

Ref. No. or Q'ty	Part No.	SP Description
C7	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C9	1-126-394-21 s	CAP, CHIP ELECT 10MF (4X5.7)
C10	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C11	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C12	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C13	1-128-589-21 s	CAP, CHIP ELECT 47MF
C14	1-128-589-21 s	CAP, CHIP ELECT 47MF
C101	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C102	1-128-589-21 s	CAP, CHIP ELECT 47MF
C103	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C104	1-128-589-21 s	CAP, CHIP ELECT 47MF
C105	1-128-589-21 s	CAP, CHIP ELECT 47MF
C106	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C107	1-128-589-21 s	CAP, CHIP ELECT 47MF
C108	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C201	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C202	1-128-589-21 s	CAP, CHIP ELECT 47MF
C203	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C204	1-128-589-21 s	CAP, CHIP ELECT 47MF
C205	1-128-589-21 s	CAP, CHIP ELECT 47MF
C206	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C207	1-128-589-21 s	CAP, CHIP ELECT 47MF
C208	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C211	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
CN1	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN2	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN3	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN4	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
D1	8-719-017-03 s	DIODE 02DZ4.7-TPH3
D2	8-719-017-03 s	DIODE 02DZ4.7-TPH3
D201	8-719-024-83 s	DIODE 1SS301-TE85L
E101	1-535-877-22 s	CHIP, CHECKER
E102	1-535-877-22 s	CHIP, CHECKER
FL101	1-813-437-11 s	FILTER, LOW PASS (10MHZ)
FL201	1-813-437-11 s	FILTER, LOW PASS (10MHZ)
FL202	1-813-437-11 s	FILTER, LOW PASS (10MHZ)
IC1	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC2	8-759-327-01 s	IC NJM062V (TE2)
IC3	8-759-338-95 s	IC NJM2903V (TE2)
IC101	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC102	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC201	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC202	8-759-561-46 s	IC AD8014ARTZ-REEL7
L1	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L101	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L102	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L103	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L104	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
Q1	8-729-209-73 s	TRANSISTOR 2SA1213Y-TE12L
Q2	8-729-209-77 s	TRANSISTOR 2SC2873Y-TE12L
Q3	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q201	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q202	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q203	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
R2	1-216-864-91 s	CONDUCTOR, CHIP (1608)

VDA-64A BOARD**Ref. No.****or Q'ty Part No. SP Description**

R3 1-216-864-91 s CONDUCTOR, CHIP (1608)
R12 1-218-831-91 s RES, CHIP 220 (1608)
R13 1-218-831-91 s RES, CHIP 220 (1608)
R14 1-218-883-91 s RES, CHIP 33K (1608)

R15 1-218-855-91 s RES, CHIP 2.2K (1608)
R16 1-218-875-91 s RES, CHIP 15K (1608)
R17 1-218-875-91 s RES, CHIP 15K (1608)
R18 1-218-879-91 s RES, CHIP 22K (1608)
R19 1-218-855-91 s RES, CHIP 2.2K (1608)

R20 1-218-883-91 s RES, CHIP 33K (1608)
R21 1-218-887-91 s RES, CHIP 47K (1608)
R22 1-218-883-91 s RES, CHIP 33K (1608)
R23 1-218-891-91 s RES, CHIP 68K (1608)
R24 1-218-891-91 s RES, CHIP 68K (1608)

R25 1-218-855-91 s RES, CHIP 2.2K (1608)
R26 1-218-879-91 s RES, CHIP 22K (1608)
R27 1-218-879-91 s RES, CHIP 22K (1608)
R28 1-218-823-91 s RES, CHIP 100 (1608)
R102 1-218-823-91 s RES, CHIP 100 (1608)

R107 1-218-847-91 s RES, CHIP 1.0K (1608)
R109 1-218-831-91 s RES, CHIP 220 (1608)
R111 1-218-839-91 s RES, CHIP 470 (1608)
R114 1-218-823-91 s RES, CHIP 100 (1608)
R117 1-216-864-91 s CONDUCTOR, CHIP (1608)

R118 1-216-864-91 s CONDUCTOR, CHIP (1608)
R119 1-218-847-91 s RES, CHIP 1.0K (1608)
R120 1-218-847-91 s RES, CHIP 1.0K (1608)
R121 1-218-823-91 s RES, CHIP 100 (1608)
R122 1-218-843-91 s RES, CHIP 680 (1608)

R123 1-218-843-91 s RES, CHIP 680 (1608)
R126 1-218-843-91 s RES, CHIP 680 (1608)
R127 1-218-843-91 s RES, CHIP 680 (1608)
R134 1-211-990-91 s RES, CHIP 75 (1608)
R135 1-211-990-91 s RES, CHIP 75 (1608)

R142 1-216-864-91 s CONDUCTOR, CHIP (1608)
R143 1-216-864-91 s CONDUCTOR, CHIP (1608)
R202 1-218-823-91 s RES, CHIP 100 (1608)
R204 1-218-823-91 s RES, CHIP 100 (1608)
R205 1-218-887-91 s RES, CHIP 47K (1608)

R207 1-218-847-91 s RES, CHIP 1.0K (1608)
R208 1-218-847-91 s RES, CHIP 1.0K (1608)
R209 1-218-831-91 s RES, CHIP 220 (1608)
R210 1-218-831-91 s RES, CHIP 220 (1608)
R212 1-218-839-91 s RES, CHIP 470 (1608)

R214 1-218-839-91 s RES, CHIP 470 (1608)
R215 1-216-864-91 s CONDUCTOR, CHIP (1608)
R216 1-216-864-91 s CONDUCTOR, CHIP (1608)
R217 1-218-847-91 s RES, CHIP 1.0K (1608)
R218 1-218-847-91 s RES, CHIP 1.0K (1608)

R219 1-218-823-91 s RES, CHIP 100 (1608)
R220 1-218-823-91 s RES, CHIP 100 (1608)
R221 1-218-843-91 s RES, CHIP 680 (1608)
R222 1-218-843-91 s RES, CHIP 680 (1608)
R225 1-218-843-91 s RES, CHIP 680 (1608)

R226 1-218-843-91 s RES, CHIP 680 (1608)
R227 1-211-990-91 s RES, CHIP 75 (1608)
R228 1-211-990-91 s RES, CHIP 75 (1608)
R229 1-218-887-91 s RES, CHIP 47K (1608)
R230 1-218-887-91 s RES, CHIP 47K (1608)

R231 1-218-887-91 s RES, CHIP 47K (1608)
R232 1-211-977-91 s RES, CHIP 22 (1608)
R235 1-218-859-91 s RES, CHIP 3.3K (1608)
R236 1-218-887-91 s RES, CHIP 47K (1608)
R237 1-211-977-91 s RES, CHIP 22 (1608)

RY201 1-755-380-21 s RELAY

VDA-64B BOARD**Ref. No.****or Q'ty Part No. SP Description**

1pc A-1132-792-A s MOUNTED CIRCUIT BOARD, VDA-64B
8pcs 3-364-941-01 s SCREW (+B) (2.6X5), NYLOK

C1 1-126-396-21 s CAP, CHIP ELECT 47MF (6.3X5.7)
C2 1-126-396-21 s CAP, CHIP ELECT 47MF (6.3X5.7)
C3 1-100-352-91 s CAP, CERAMIC 1MF C (1608)
C4 1-100-352-91 s CAP, CERAMIC 1MF C (1608)
C7 1-100-352-91 s CAP, CERAMIC 1MF C (1608)

C9 1-126-394-21 s CAP, CHIP ELECT 10MF (4X5.7)
C10 1-100-352-91 s CAP, CERAMIC 1MF C (1608)
C11 1-165-989-91 s CAP, CERAMIC 10MF (2012)
C12 1-165-989-91 s CAP, CERAMIC 10MF (2012)
C13 1-128-589-21 s CAP, CHIP ELECT 47MF

C14 1-128-589-21 s CAP, CHIP ELECT 47MF
C103 1-107-826-91 s CAP, CHIP CERAMIC 0.1MF B
C104 1-128-589-21 s CAP, CHIP ELECT 47MF
C107 1-128-589-21 s CAP, CHIP ELECT 47MF
C108 1-107-826-91 s CAP, CHIP CERAMIC 0.1MF B

C111 1-107-826-91 s CAP, CHIP CERAMIC 0.1MF B
C112 1-128-589-21 s CAP, CHIP ELECT 47MF
C116 1-128-589-21 s CAP, CHIP ELECT 47MF
C117 1-107-826-91 s CAP, CHIP CERAMIC 0.1MF B
C118 1-107-826-91 s CAP, CHIP CERAMIC 0.1MF B

C201 1-107-826-91 s CAP, CHIP CERAMIC 0.1MF B
C202 1-128-589-21 s CAP, CHIP ELECT 47MF
C203 1-107-826-91 s CAP, CHIP CERAMIC 0.1MF B
C204 1-128-589-21 s CAP, CHIP ELECT 47MF
C205 1-128-589-21 s CAP, CHIP ELECT 47MF

C206 1-107-826-91 s CAP, CHIP CERAMIC 0.1MF B
C207 1-128-589-21 s CAP, CHIP ELECT 47MF
C208 1-107-826-91 s CAP, CHIP CERAMIC 0.1MF B
C211 1-107-826-91 s CAP, CHIP CERAMIC 0.1MF B

CN1 1-793-324-11 o CONNECTOR, COAXIAL (BNC TYPE)
CN2 1-793-324-11 o CONNECTOR, COAXIAL (BNC TYPE)
CN3 1-793-324-11 o CONNECTOR, COAXIAL (BNC TYPE)
CN4 1-793-324-11 o CONNECTOR, COAXIAL (BNC TYPE)

D1 8-719-017-03 s DIODE 02DZ4.7-TPH3
D2 8-719-017-03 s DIODE 02DZ4.7-TPH3
D101 8-719-024-83 s DIODE 1SS301-TE85L
D201 8-719-024-83 s DIODE 1SS301-TE85L

E101 1-535-877-22 s CHIP, CHECKER
E102 1-535-877-22 s CHIP, CHECKER

FL102 1-813-437-11 s FILTER, LOW PASS (10MHZ)
FL201 1-813-437-11 s FILTER, LOW PASS (10MHZ)
FL202 1-813-437-11 s FILTER, LOW PASS (10MHZ)

IC1 6-704-976-01 s IC ADR381ARTZ-REEL7
IC2 8-759-327-01 s IC NJM062V(Te2)
IC3 8-759-338-95 s IC NJM2903V(Te2)
IC102 8-759-561-46 s IC AD8014ARTZ-REEL7
IC103 8-759-561-46 s IC AD8014ARTZ-REEL7

IC201 8-759-561-46 s IC AD8014ARTZ-REEL7
IC202 8-759-561-46 s IC AD8014ARTZ-REEL7

L1 1-414-398-41 s INDUCTOR (SMD) 10.0UH
L2 1-414-398-41 s INDUCTOR (SMD) 10.0UH
L102 1-414-398-41 s INDUCTOR (SMD) 10.0UH
L104 1-414-398-41 s INDUCTOR (SMD) 10.0UH
L105 1-414-398-41 s INDUCTOR (SMD) 10.0UH

L106 1-414-398-41 s INDUCTOR (SMD) 10.0UH
L107 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

VDA-64B BOARD

Ref. No. or Q'ty	Part No.	SP Description
L205	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
Q1	8-729-209-73 s	TRANSISTOR 2SA1213Y-TE12L
Q2	8-729-209-77 s	TRANSISTOR 2SC2873Y-TE12L
Q3	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q101	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q102	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q103	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q201	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q202	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q203	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
R2	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R12	1-218-831-91 s	RES, CHIP 220 (1608)
R13	1-218-831-91 s	RES, CHIP 220 (1608)
R14	1-218-883-91 s	RES, CHIP 33K (1608)
R15	1-218-855-91 s	RES, CHIP 2.2K (1608)
R16	1-218-875-91 s	RES, CHIP 15K (1608)
R17	1-218-875-91 s	RES, CHIP 15K (1608)
R18	1-218-879-91 s	RES, CHIP 22K (1608)
R19	1-218-855-91 s	RES, CHIP 2.2K (1608)
R20	1-218-883-91 s	RES, CHIP 33K (1608)
R21	1-218-887-91 s	RES, CHIP 47K (1608)
R22	1-218-883-91 s	RES, CHIP 33K (1608)
R23	1-218-891-91 s	RES, CHIP 68K (1608)
R24	1-218-891-91 s	RES, CHIP 68K (1608)
R25	1-218-855-91 s	RES, CHIP 2.2K (1608)
R26	1-218-879-91 s	RES, CHIP 22K (1608)
R27	1-218-879-91 s	RES, CHIP 22K (1608)
R28	1-218-823-91 s	RES, CHIP 100 (1608)
R104	1-218-859-91 s	RES, CHIP 3.3K (1608)
R105	1-218-887-91 s	RES, CHIP 47K (1608)
R108	1-218-839-91 s	RES, CHIP 470 (1608)
R110	1-211-985-91 s	RES, CHIP 47 (1608)
R113	1-218-839-91 s	RES, CHIP 470 (1608)
R116	1-218-823-91 s	RES, CHIP 100 (1608)
R118	1-211-985-91 s	RES, CHIP 47 (1608)
R120	1-218-839-91 s	RES, CHIP 470 (1608)
R123	1-218-839-91 s	RES, CHIP 470 (1608)
R127	1-218-843-91 s	RES, CHIP 680 (1608)
R129	1-218-835-91 s	RES, CHIP 330 (1608)
R130	1-218-859-91 s	RES, CHIP 3.3K (1608)
R133	1-218-847-91 s	RES, CHIP 1.0K (1608)
R135	1-211-990-91 s	RES, CHIP 75 (1608)
R136	1-218-871-91 s	RES, CHIP 10K (1608)
R137	1-218-831-91 s	RES, CHIP 220 (1608)
R138	1-218-887-91 s	RES, CHIP 47K (1608)
R139	1-218-887-91 s	RES, CHIP 47K (1608)
R140	1-218-887-91 s	RES, CHIP 47K (1608)
R141	1-211-977-91 s	RES, CHIP 22 (1608)
R144	1-218-859-91 s	RES, CHIP 3.3K (1608)
R145	1-218-887-91 s	RES, CHIP 47K (1608)
R146	1-211-977-91 s	RES, CHIP 22 (1608)
R202	1-218-823-91 s	RES, CHIP 100 (1608)
R204	1-218-823-91 s	RES, CHIP 100 (1608)
R205	1-218-887-91 s	RES, CHIP 47K (1608)
R207	1-218-847-91 s	RES, CHIP 1.0K (1608)
R208	1-218-847-91 s	RES, CHIP 1.0K (1608)
R209	1-218-831-91 s	RES, CHIP 220 (1608)
R210	1-218-831-91 s	RES, CHIP 220 (1608)
R212	1-218-839-91 s	RES, CHIP 470 (1608)
R214	1-218-839-91 s	RES, CHIP 470 (1608)
R215	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R216	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R217	1-218-847-91 s	RES, CHIP 1.0K (1608)
R218	1-218-847-91 s	RES, CHIP 1.0K (1608)

VDA-64B BOARD

Ref. No. or Q'ty	Part No.	SP Description
R219	1-218-823-91 s	RES, CHIP 100 (1608)
R220	1-218-823-91 s	RES, CHIP 100 (1608)
R221	1-218-843-91 s	RES, CHIP 680 (1608)
R222	1-218-843-91 s	RES, CHIP 680 (1608)
R225	1-218-843-91 s	RES, CHIP 680 (1608)
R226	1-218-843-91 s	RES, CHIP 680 (1608)
R227	1-211-990-91 s	RES, CHIP 75 (1608)
R228	1-211-990-91 s	RES, CHIP 75 (1608)
R229	1-218-887-91 s	RES, CHIP 47K (1608)
R230	1-218-887-91 s	RES, CHIP 47K (1608)
R231	1-218-887-91 s	RES, CHIP 47K (1608)
R232	1-211-977-91 s	RES, CHIP 22 (1608)
R235	1-218-859-91 s	RES, CHIP 3.3K (1608)
R236	1-218-887-91 s	RES, CHIP 47K (1608)
R237	1-211-977-91 s	RES, CHIP 22 (1608)
R238	1-211-990-91 s	RES, CHIP 75 (1608)
RY101	1-755-380-21 s	RELAY
RY201	1-755-380-21 s	RELAY

VDA-64C BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1132-793-A s	MOUNTED CIRCUIT BOARD, VDA-64C
8pcs	3-364-941-01 s	SCREW (+B) (2.6X5), NYLON
C1	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C2	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C3	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C4	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C7	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C9	1-126-394-21 s	CAP, CHIP ELECT 10MF (4X5.7)
C10	1-100-352-91 s	CAP, CERAMIC 1MF C (1608)
C11	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C12	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C13	1-128-589-21 s	CAP, CHIP ELECT 47MF
C14	1-128-589-21 s	CAP, CHIP ELECT 47MF
C101	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C102	1-128-589-21 s	CAP, CHIP ELECT 47MF
C103	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C104	1-128-589-21 s	CAP, CHIP ELECT 47MF
C105	1-128-589-21 s	CAP, CHIP ELECT 47MF
C106	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C107	1-128-589-21 s	CAP, CHIP ELECT 47MF
C108	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C201	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C202	1-128-589-21 s	CAP, CHIP ELECT 47MF
C203	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C204	1-128-589-21 s	CAP, CHIP ELECT 47MF
C205	1-128-589-21 s	CAP, CHIP ELECT 47MF
C206	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
C207	1-128-589-21 s	CAP, CHIP ELECT 47MF
C208	1-107-826-91 s	CAP, CHIP CERAMIC 0.1MF B
CN1	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN2	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN3	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN4	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
D1	8-719-017-03 s	DIODE 02DZ4.7-TPH3
D2	8-719-017-03 s	DIODE 02DZ4.7-TPH3
E101	1-535-877-22 s	CHIP, CHECKER
E102	1-535-877-22 s	CHIP, CHECKER

VDA-64C BOARD

Ref. No. or Q'ty	Part No.	SP Description
FL101	1-813-437-11 s	FILTER, LOW PASS (10MHZ)
IC1	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC2	8-759-327-01 s	IC NJM062V(Te2)
IC3	8-759-338-95 s	IC NJM2903V(Te2)
IC101	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC102	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC201	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC202	8-759-561-46 s	IC AD8014ARTZ-REEL7
L1	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L101	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L102	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L103	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L104	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
Q1	8-729-209-73 s	TRANSISTOR 2SA1213Y-TE12L
Q2	8-729-209-77 s	TRANSISTOR 2SC2873Y-TE12L
Q3	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
R5	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R6	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R7	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R8	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R9	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R10	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R12	1-218-831-91 s	RES, CHIP 220 (1608)
R13	1-218-831-91 s	RES, CHIP 220 (1608)
R14	1-218-883-91 s	RES, CHIP 33K (1608)
R15	1-218-855-91 s	RES, CHIP 2.2K (1608)
R16	1-218-875-91 s	RES, CHIP 15K (1608)
R17	1-218-875-91 s	RES, CHIP 15K (1608)
R18	1-218-879-91 s	RES, CHIP 22K (1608)
R19	1-218-855-91 s	RES, CHIP 2.2K (1608)
R20	1-218-883-91 s	RES, CHIP 33K (1608)
R21	1-218-887-91 s	RES, CHIP 47K (1608)
R22	1-218-883-91 s	RES, CHIP 33K (1608)
R23	1-218-891-91 s	RES, CHIP 68K (1608)
R24	1-218-891-91 s	RES, CHIP 68K (1608)
R25	1-218-855-91 s	RES, CHIP 2.2K (1608)
R26	1-218-879-91 s	RES, CHIP 22K (1608)
R27	1-218-879-91 s	RES, CHIP 22K (1608)
R28	1-218-823-91 s	RES, CHIP 100 (1608)
R101	1-218-823-91 s	RES, CHIP 100 (1608)
R103	1-211-973-91 s	RES, CHIP 15 (1608)
R107	1-218-847-91 s	RES, CHIP 1.0K (1608)
R109	1-218-831-91 s	RES, CHIP 220 (1608)
R111	1-218-839-91 s	RES, CHIP 470 (1608)
R112	1-211-989-91 s	RES, CHIP 68 (1608)
R115	1-218-823-91 s	RES, CHIP 100 (1608)
R117	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R118	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R119	1-218-847-91 s	RES, CHIP 1.0K (1608)
R120	1-218-847-91 s	RES, CHIP 1.0K (1608)
R121	1-218-823-91 s	RES, CHIP 100 (1608)
R122	1-218-843-91 s	RES, CHIP 680 (1608)
R123	1-218-843-91 s	RES, CHIP 680 (1608)
R126	1-218-843-91 s	RES, CHIP 680 (1608)
R127	1-218-843-91 s	RES, CHIP 680 (1608)
R134	1-211-990-91 s	RES, CHIP 75 (1608)
R135	1-211-990-91 s	RES, CHIP 75 (1608)
R142	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R143	1-216-864-91 s	CONDUCTOR, CHIP (1608)

VDA-64C BOARD

Ref. No. or Q'ty	Part No.	SP Description
R201	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R203	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R211	1-211-973-91 s	RES, CHIP 15 (1608)
R212	1-211-989-91 s	RES, CHIP 68 (1608)
R213	1-211-973-91 s	RES, CHIP 15 (1608)
R214	1-211-989-91 s	RES, CHIP 68 (1608)
R215	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R216	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R217	1-218-847-91 s	RES, CHIP 1.0K (1608)
R218	1-218-847-91 s	RES, CHIP 1.0K (1608)
R219	1-218-823-91 s	RES, CHIP 100 (1608)
R220	1-218-823-91 s	RES, CHIP 100 (1608)
R221	1-218-843-91 s	RES, CHIP 680 (1608)
R222	1-218-843-91 s	RES, CHIP 680 (1608)
R225	1-218-843-91 s	RES, CHIP 680 (1608)
R226	1-218-843-91 s	RES, CHIP 680 (1608)
R227	1-211-990-91 s	RES, CHIP 75 (1608)
R228	1-211-990-91 s	RES, CHIP 75 (1608)
R233	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R234	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R239	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R240	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R241	1-216-864-91 s	CONDUCTOR, CHIP (1608)
RV101	1-225-788-21 s	RES, ADJ, CERMET 1K

VIF-52 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1862-003-A s	MOUNTED CIRCUIT BOARD, VIF-52
C1	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C2	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C3	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C4	1-126-395-21 s	CAP, CHIP ELECT 22MF (5X5.7)
C5	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C6	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C7	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C8	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C9	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C10	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C11	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C12	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C13	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C14	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C15	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C16	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C17	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C18	1-114-326-11 s	CAP, CERAMIC 0.22MF X7R 1608
C19	1-114-326-11 s	CAP, CERAMIC 0.22MF X7R 1608
C20	1-128-589-21 s	CAP, CHIP ELECT 47MF
C21	1-126-399-21 s	CAP, CHIP ELECT 10MF (5X5.7)
C22	1-126-399-21 s	CAP, CHIP ELECT 10MF (5X5.7)
C23	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C24	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C25	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C26	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C27	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C28	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C29	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C31	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C32	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)

VIF-52 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C33	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C34	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C35	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C36	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C101	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C102	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C103	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C104	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C105	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C106	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C107	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C108	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C109	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C110	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C111	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C112	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C114	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C115	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C116	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C120	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C121	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C122	1-100-505-91 s	CAP, CERAMIC 0.1MF C (1005)
C123	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
CN3	1-778-451-31 s	CONNECTOR, FFC/FPC(ZIF) AN 50P
CN4	1-770-161-21 s	PIN, CONNECTOR (PC BOARD) 6P
CN5	1-778-451-31 s	CONNECTOR, FFC/FPC(ZIF) AN 50P
CN101	1-695-480-21 o	PIN, CONNECTOR (PC BOARD) 2P
D1	8-719-083-60 s	DI UDZSUSTE-174.7B
D2	8-719-083-60 s	DI UDZSUSTE-174.7B
D4	6-501-123-01 s	DIODE RB160M-60TR
D5	8-719-083-60 s	DI UDZSUSTE-174.7B
D31	8-719-056-48 s	DI 1SS388
D32	8-719-056-48 s	DI 1SS388
D33	8-719-024-81 s	DIODE 1SS300-TE85L
D34	8-719-024-81 s	DIODE 1SS300-TE85L
D35	8-719-024-81 s	DIODE 1SS300-TE85L
D36	8-719-024-81 s	DIODE 1SS300-TE85L
D37	8-719-056-48 s	DI 1SS388
D38	8-719-056-48 s	DI 1SS388
D39	8-719-056-48 s	DI 1SS388
D40	8-719-056-48 s	DI 1SS388
D41	8-719-056-48 s	DI 1SS388
D42	8-719-056-48 s	DI 1SS388
D43	8-719-024-81 s	DIODE 1SS300-TE85L
D44	8-719-024-81 s	DIODE 1SS300-TE85L
D45	8-719-024-81 s	DIODE 1SS300-TE85L
D46	8-719-024-81 s	DIODE 1SS300-TE85L
D47	8-719-024-81 s	DIODE 1SS300-TE85L
D48	8-719-024-81 s	DIODE 1SS300-TE85L
D49	8-719-024-81 s	DIODE 1SS300-TE85L
D50	8-719-024-81 s	DIODE 1SS300-TE85L
D51	8-719-024-81 s	DIODE 1SS300-TE85L
D52	8-719-024-81 s	DIODE 1SS300-TE85L
D53	8-719-024-81 s	DIODE 1SS300-TE85L
D54	8-719-024-81 s	DIODE 1SS300-TE85L
D55	8-719-056-48 s	DI 1SS388
D56	8-719-056-48 s	DI 1SS388
D57	8-719-056-48 s	DI 1SS388
D58	8-719-056-48 s	DI 1SS388
D59	8-719-056-48 s	DI 1SS388
D60	8-719-056-48 s	DI 1SS388
D61	8-719-056-48 s	DI 1SS388
D62	8-719-056-48 s	DI 1SS388
D63	8-719-056-48 s	DI 1SS388
D64	8-719-056-48 s	DI 1SS388

VIF-52 BOARD

Ref. No. or Q'ty	Part No.	SP Description
D65	8-719-056-48 s	DI 1SS388
D66	8-719-056-48 s	DI 1SS388
D67	8-719-056-48 s	DI 1SS388
D68	8-719-056-48 s	DI 1SS388
D69	8-719-056-48 s	DI 1SS388
D70	8-719-056-48 s	DI 1SS388
D71	8-719-056-48 s	DI 1SS388
D72	8-719-056-48 s	DI 1SS388
D73	8-719-056-48 s	DI 1SS388
D74	8-719-056-48 s	DI 1SS388
D75	8-719-024-81 s	DIODE 1SS300-TE85L
D76	8-719-024-81 s	DIODE 1SS300-TE85L
D77	8-719-024-81 s	DIODE 1SS300-TE85L
D78	8-719-024-81 s	DIODE 1SS300-TE85L
D79	8-719-056-48 s	DI 1SS388
D80	8-719-056-48 s	DI 1SS388
D81	8-719-056-48 s	DI 1SS388
D82	8-719-056-48 s	DI 1SS388
D83	8-719-056-48 s	DI 1SS388
D84	8-719-056-48 s	DI 1SS388
D85	8-719-056-48 s	DI 1SS388
D86	8-719-056-48 s	DI 1SS388
D101	8-719-024-81 s	DIODE 1SS300-TE85L
D102	8-719-056-48 s	DI 1SS388
D103	8-719-056-48 s	DI 1SS388
D104	8-719-056-48 s	DI 1SS388
D105	8-719-056-48 s	DI 1SS388
D106	8-719-024-81 s	DIODE 1SS300-TE85L
D107	8-719-024-81 s	DIODE 1SS300-TE85L
D108	8-719-056-48 s	DI 1SS388
D109	8-719-056-48 s	DI 1SS388
D110	8-719-056-48 s	DI 1SS388
D111	8-719-056-48 s	DI 1SS388
D112	8-719-024-81 s	DIODE 1SS300-TE85L
D113	8-719-024-81 s	DIODE 1SS300-TE85L
D114	8-719-056-48 s	DI 1SS388
D115	8-719-056-48 s	DI 1SS388
D116	8-719-056-48 s	DI 1SS388
D117	8-719-056-48 s	DI 1SS388
D118	8-719-024-81 s	DIODE 1SS300-TE85L
D119	8-719-024-81 s	DIODE 1SS300-TE85L
D120	8-719-056-48 s	DI 1SS388
D121	8-719-056-48 s	DI 1SS388
D122	8-719-056-48 s	DI 1SS388
D123	8-719-056-48 s	DI 1SS388
D124	8-719-056-48 s	DI 1SS388
D125	8-719-056-48 s	DI 1SS388
D126	8-719-056-48 s	DI 1SS388
D127	8-719-056-48 s	DI 1SS388
D128	8-719-024-81 s	DIODE 1SS300-TE85L
D129	8-719-024-81 s	DIODE 1SS300-TE85L
E1	1-535-877-22 s	CHIP, CHECKER
IC1	8-759-327-01 s	IC NJM062V (TE2)
IC2	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC3	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC4	8-759-327-01 s	IC NJM062V (TE2)
IC31	6-707-868-01 s	IC TC74VHC138FT (EKJ)
IC32	6-713-799-01 s	IC BU7122KV-E2
IC33	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC34	6-707-891-01 s	IC TC74VHCT245AFT (EKJ)
IC35	6-707-865-01 s	IC TC74VHC125FT (EKJ)
IC36	6-707-865-01 s	IC TC74VHC125FT (EKJ)
IC101	6-713-799-01 s	IC BU7122KV-E2
IC103	8-759-675-54 s	IC TC7W53FK (TE85R)

VIF-52 BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC104	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC105	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC106	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC107	8-759-256-45 s	IC NJM4560M-TE2
IC108	6-710-018-01 s	IC CAT24C02WI-GT3
IC110	6-707-891-01 s	IC TC74VHCT245AFT(EKJ)
L1	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L3	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L4	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L101	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L102	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L103	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L104	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L105	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L106	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
Q1	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q2	6-550-632-01 s	TRANSISTOR 2SC4672-T100-Q
Q3	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q5	6-552-545-01 s	TR SI4425DDY-T1-GE3
Q6	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q31	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q32	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q33	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q34	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q35	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q36	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q37	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q38	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q39	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q40	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q41	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q42	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q43	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q44	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q45	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q46	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q101	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q102	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q103	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q104	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q105	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q106	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q107	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q108	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q109	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
R1	1-208-871-81 s	RES, CHIP 220 (1005)
R2	1-208-871-81 s	RES, CHIP 220 (1005)
R3	1-208-875-81 s	RES, CHIP 330 (1005)
R4	1-208-899-81 s	RES, CHIP 3.3K (1005)
R5	1-208-911-81 s	RES, CHIP 10K (1005)
R6	1-208-911-81 s	RES, CHIP 10K (1005)
R7	1-208-887-81 s	RES, CHIP 1.0K (1005)
R8	1-208-887-81 s	RES, CHIP 1.0K (1005)
R9	1-208-923-81 s	RES, CHIP 33K (1005)
R10	1-208-923-81 s	RES, CHIP 33K (1005)
R11	1-208-911-81 s	RES, CHIP 10K (1005)
R12	1-208-863-81 s	RES, CHIP 100 (1005)
R14	1-208-927-81 s	RES, CHIP 47K (1005)
R15	1-208-931-81 s	RES, CHIP 68K (1005)
R16	1-208-931-81 s	RES, CHIP 68K (1005)
R19	1-208-927-81 s	RES, CHIP 47K (1005)
R22	1-208-871-81 s	RES, CHIP 220 (1005)
R23	1-208-919-81 s	RES, CHIP 22K (1005)
R24	1-208-919-81 s	RES, CHIP 22K (1005)

VIF-52 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R25	1-208-919-81 s	RES, CHIP 22K (1005)
R26	1-208-907-81 s	RES, CHIP 6.8K (1005)
R27	1-208-923-81 s	RES, CHIP 33K (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	1-208-935-81 s	RES, CHIP 100K (1005)
R36	1-208-935-81 s	RES, CHIP 100K (1005)
R37	1-208-911-81 s	RES, CHIP 10K (1005)
R38	1-208-911-81 s	RES, CHIP 10K (1005)
R39	1-208-911-81 s	RES, CHIP 10K (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	1-208-911-81 s	RES, CHIP 10K (1005)
R47	1-208-911-81 s	RES, CHIP 10K (1005)
R48	1-208-911-81 s	RES, CHIP 10K (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)
R52	1-208-911-81 s	RES, CHIP 10K (1005)
R53	1-208-879-81 s	RES, CHIP 470 (1005)
R54	1-208-879-81 s	RES, CHIP 470 (1005)
R55	1-208-879-81 s	RES, CHIP 470 (1005)
R56	1-208-879-81 s	RES, CHIP 470 (1005)
R57	1-208-879-81 s	RES, CHIP 470 (1005)
R58	1-208-879-81 s	RES, CHIP 470 (1005)
R59	1-208-879-81 s	RES, CHIP 470 (1005)
R60	1-208-879-81 s	RES, CHIP 470 (1005)
R61	1-208-879-81 s	RES, CHIP 470 (1005)
R62	1-208-879-81 s	RES, CHIP 470 (1005)
R63	1-208-879-81 s	RES, CHIP 470 (1005)
R64	1-208-879-81 s	RES, CHIP 470 (1005)
R65	1-208-879-81 s	RES, CHIP 470 (1005)
R66	1-208-879-81 s	RES, CHIP 470 (1005)
R67	1-208-879-81 s	RES, CHIP 470 (1005)
R101	1-208-911-81 s	RES, CHIP 10K (1005)
R102	1-208-911-81 s	RES, CHIP 10K (1005)
R103	1-208-927-81 s	RES, CHIP 47K (1005)
R104	1-208-887-81 s	RES, CHIP 1.0K (1005)
R105	1-208-887-81 s	RES, CHIP 1.0K (1005)
R106	1-208-887-81 s	RES, CHIP 1.0K (1005)
R107	1-208-887-81 s	RES, CHIP 1.0K (1005)
R108	1-208-911-81 s	RES, CHIP 10K (1005)
R109	1-208-911-81 s	RES, CHIP 10K (1005)
R110	1-208-911-81 s	RES, CHIP 10K (1005)
R111	1-208-911-81 s	RES, CHIP 10K (1005)
R112	1-208-875-81 s	RES, CHIP 330 (1005)
R113	1-208-911-81 s	RES, CHIP 10K (1005)
R114	1-208-911-81 s	RES, CHIP 10K (1005)
R115	1-208-863-81 s	RES, CHIP 100 (1005)
R116	1-208-863-81 s	RES, CHIP 100 (1005)
R119	1-208-899-81 s	RES, CHIP 3.3K (1005)
R121	1-208-927-81 s	RES, CHIP 47K (1005)
R122	1-208-895-81 s	RES, CHIP 2.2K (1005)
R123	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R124	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R126	1-208-863-81 s	RES, CHIP 100 (1005)
R128	1-208-887-81 s	RES, CHIP 1.0K (1005)
R129	1-208-875-81 s	RES, CHIP 330 (1005)
R130	1-208-863-81 s	RES, CHIP 100 (1005)

VIF-52 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R132	1-208-887-81 s	RES, CHIP 1.0K (1005)
R133	1-208-863-81 s	RES, CHIP 100 (1005)
R134	1-208-887-81 s	RES, CHIP 1.0K (1005)
R136	1-208-887-81 s	RES, CHIP 1.0K (1005)
R137	1-208-887-81 s	RES, CHIP 1.0K (1005)
R138	1-208-887-81 s	RES, CHIP 1.0K (1005)
R139	1-208-867-81 s	RES, CHIP 150 (1005)
R140	1-208-867-81 s	RES, CHIP 150 (1005)
R141	1-208-867-81 s	RES, CHIP 150 (1005)
R144	1-208-911-81 s	RES, CHIP 10K (1005)
R145	1-208-911-81 s	RES, CHIP 10K (1005)
R146	1-208-903-81 s	RES, CHIP 4.7K (1005)
R147	1-208-903-81 s	RES, CHIP 4.7K (1005)
R148	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R149	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R150	1-208-911-81 s	RES, CHIP 10K (1005)
R151	1-208-911-81 s	RES, CHIP 10K (1005)
R152	1-208-871-81 s	RES, CHIP 220 (1005)
R153	1-208-871-81 s	RES, CHIP 220 (1005)
R154	1-208-863-81 s	RES, CHIP 100 (1005)
R155	1-208-863-81 s	RES, CHIP 100 (1005)
R156	1-208-911-81 s	RES, CHIP 10K (1005)
R157	1-208-911-81 s	RES, CHIP 10K (1005)
R158	1-208-867-81 s	RES, CHIP 150 (1005)
R159	1-208-867-81 s	RES, CHIP 150 (1005)
R160	1-208-867-81 s	RES, CHIP 150 (1005)
R161	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R162	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R163	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R164	1-208-899-81 s	RES, CHIP 3.3K (1005)
R165	1-208-871-81 s	RES, CHIP 220 (1005)
R166	1-208-871-81 s	RES, CHIP 220 (1005)
RB31	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB32	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB33	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB34	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB35	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB36	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB37	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB38	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB39	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB40	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB41	1-233-577-21 s	RES, CHIP NETWORK 470 (3216)
RB42	1-233-577-21 s	RES, CHIP NETWORK 470 (3216)
RB43	1-233-810-21 s	RES, NETWORK 100K (3216)
RB44	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB45	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB46	1-233-810-21 s	RES, NETWORK 100K (3216)
RB47	1-233-810-21 s	RES, NETWORK 100K (3216)
RB48	1-233-810-21 s	RES, NETWORK 100K (3216)
RB49	1-233-578-21 s	RES, CHIP NETWORK 47K (3216)
RB50	1-233-578-21 s	RES, CHIP NETWORK 47K (3216)
RB51	1-233-577-21 s	RES, CHIP NETWORK 470 (3216)
RB52	1-233-578-21 s	RES, CHIP NETWORK 47K (3216)
RB53	1-233-577-21 s	RES, CHIP NETWORK 470 (3216)
RB54	1-233-578-21 s	RES, CHIP NETWORK 47K (3216)
RB55	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB56	1-233-578-21 s	RES, CHIP NETWORK 47K (3216)
RB57	1-233-578-21 s	RES, CHIP NETWORK 47K (3216)
RB58	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB62	1-233-577-21 s	RES, CHIP NETWORK 470 (3216)
RB63	1-233-577-21 s	RES, CHIP NETWORK 470 (3216)
RB64	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB65	1-234-378-21 s	RES, NETWORK 10K (1005X4)

VIF-52 BOARD

Ref. No. or Q'ty	Part No.	SP Description
RB101	1-233-810-21 s	RES, NETWORK 100K (3216)
RB102	1-233-810-21 s	RES, NETWORK 100K (3216)
RB103	1-233-810-21 s	RES, NETWORK 100K (3216)
RB104	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB105	1-233-577-21 s	RES, CHIP NETWORK 470 (3216)
RB106	1-233-578-21 s	RES, CHIP NETWORK 47K (3216)
RB107	1-233-577-21 s	RES, CHIP NETWORK 470 (3216)
RB108	1-233-578-21 s	RES, CHIP NETWORK 47K (3216)
THP1	△ 1-804-458-21 s	THERMISTOR, POSITIVE
THP2	△ 1-804-458-21 s	THERMISTOR, POSITIVE
THP3	△ 1-803-615-21 s	THERMISTOR, POSITIVE
THP4	△ 1-803-615-21 s	THERMISTOR, POSITIVE
THP5	△ 1-803-615-21 s	THERMISTOR, POSITIVE
THP6	△ 1-804-458-21 s	THERMISTOR, POSITIVE

6-4. Supplied Accessories

HDCU2000

Q'ty	Part No.	SP Description
1pc	A-8278-054-B	s REMOTE INDICATOR ASSY
1pc	△ 1-576-233-51	s FUSE (H.B.C.) (6.3A/250V)
1pc	△ 1-576-300-51	s FUSE, H.B.C. (8A/250V)
1pc	△ 4-413-602-01	s OPERATION MANUAL (JAPANESE)
1pc	△ 4-413-603-01	s OPERATION MANUAL (ENGLISH)

HKCU1001

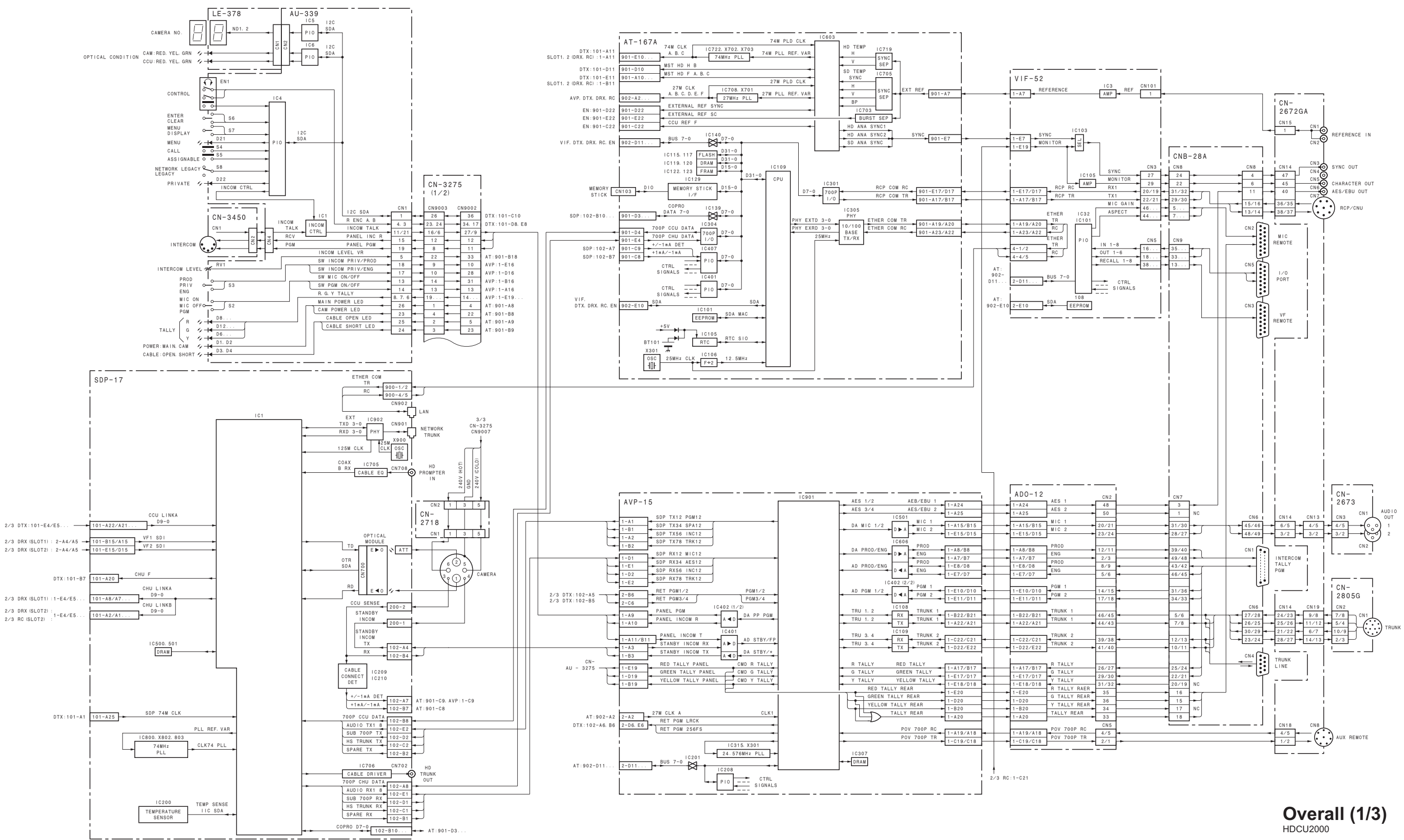
Q'ty	Part No.	SP Description
1pc	1-560-343-11	s CONNECTOR, 4P PLUG (M)

HKCU1003

Q'ty	Part No.	SP Description
1pc	1-560-343-11	s CONNECTOR, 4P PLUG (M)

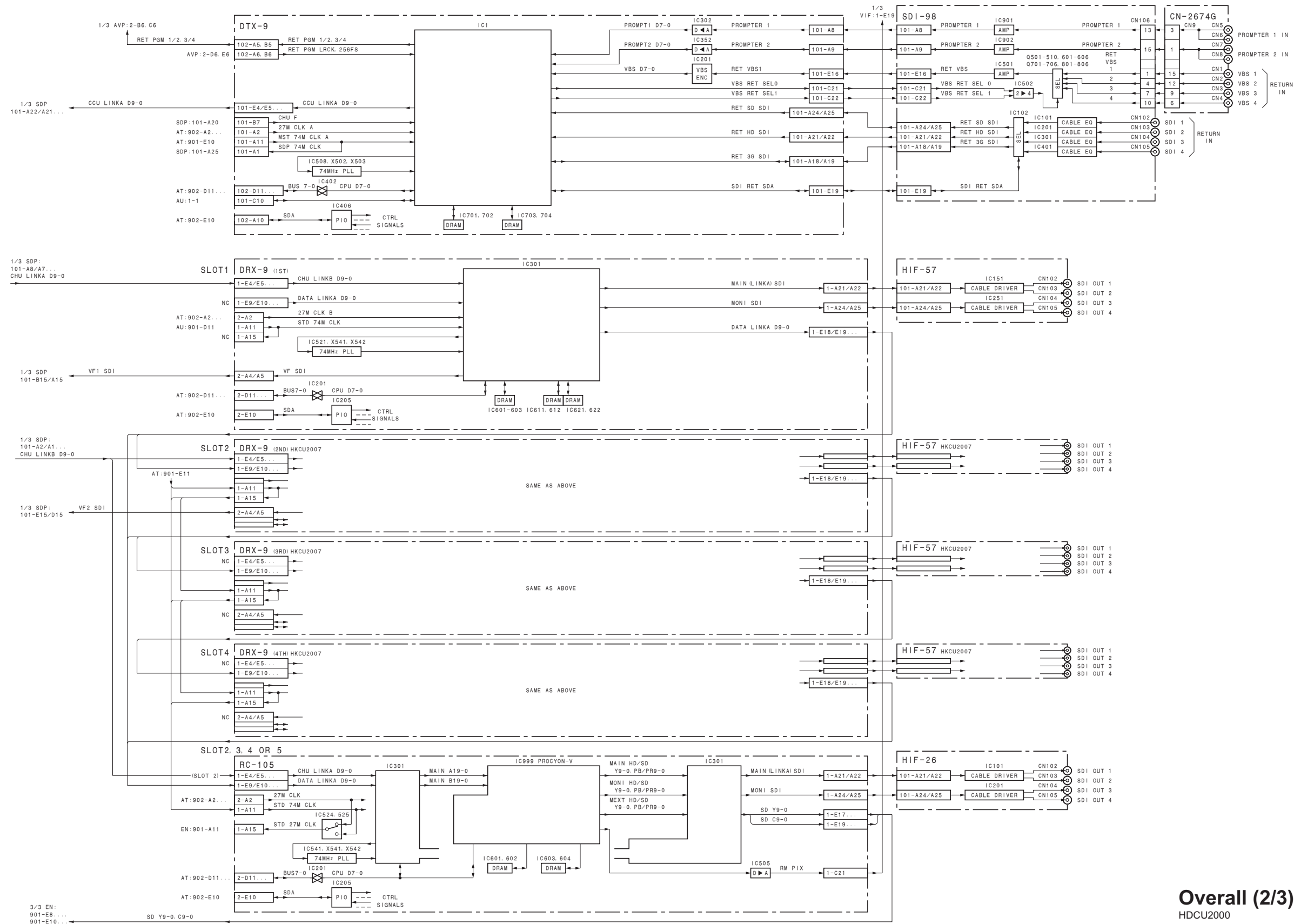
Section 7
Block Diagrams

Overall
Overall (1/3)

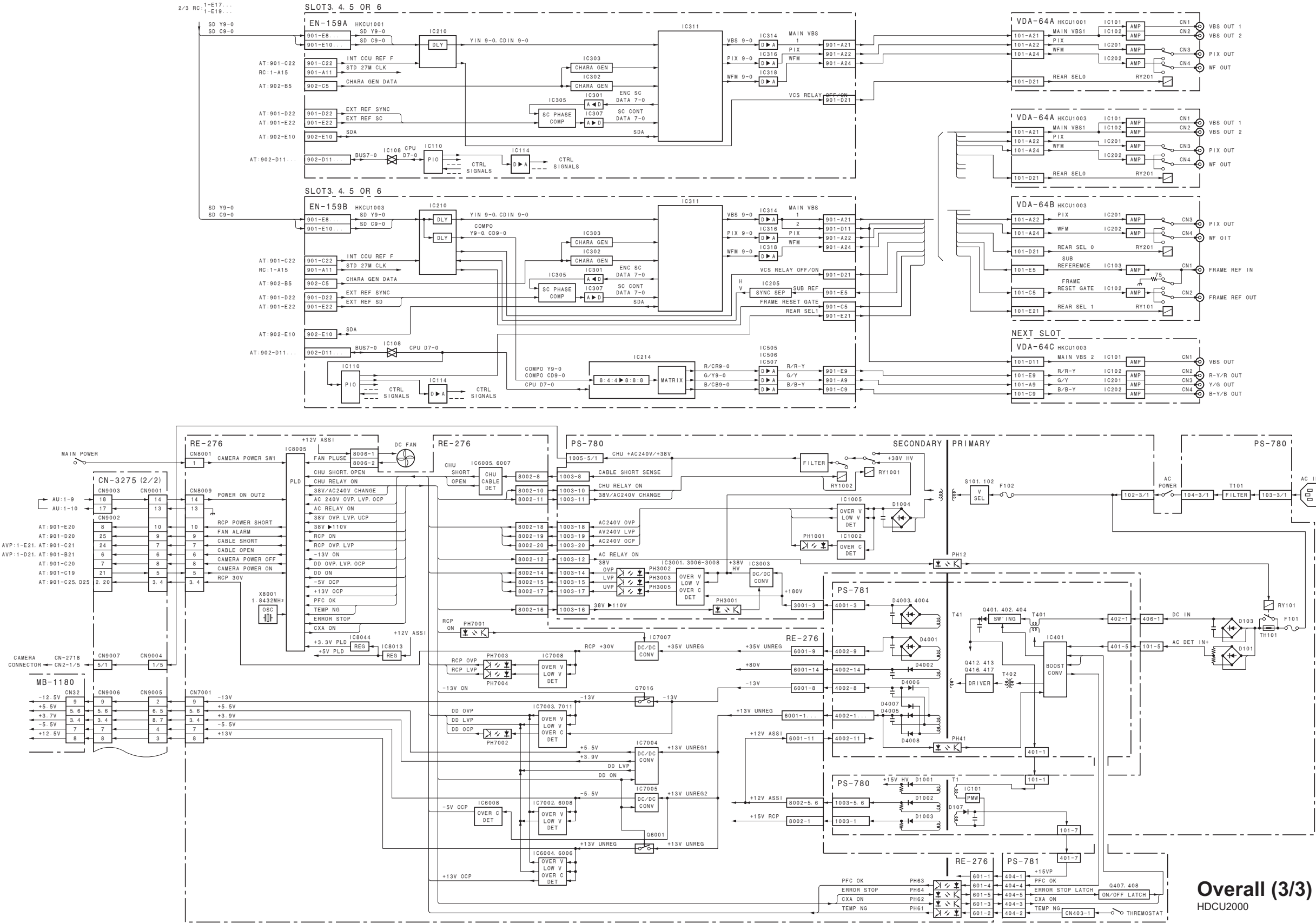


Overall (1/3)
HDCU2000

Overall (2/3)

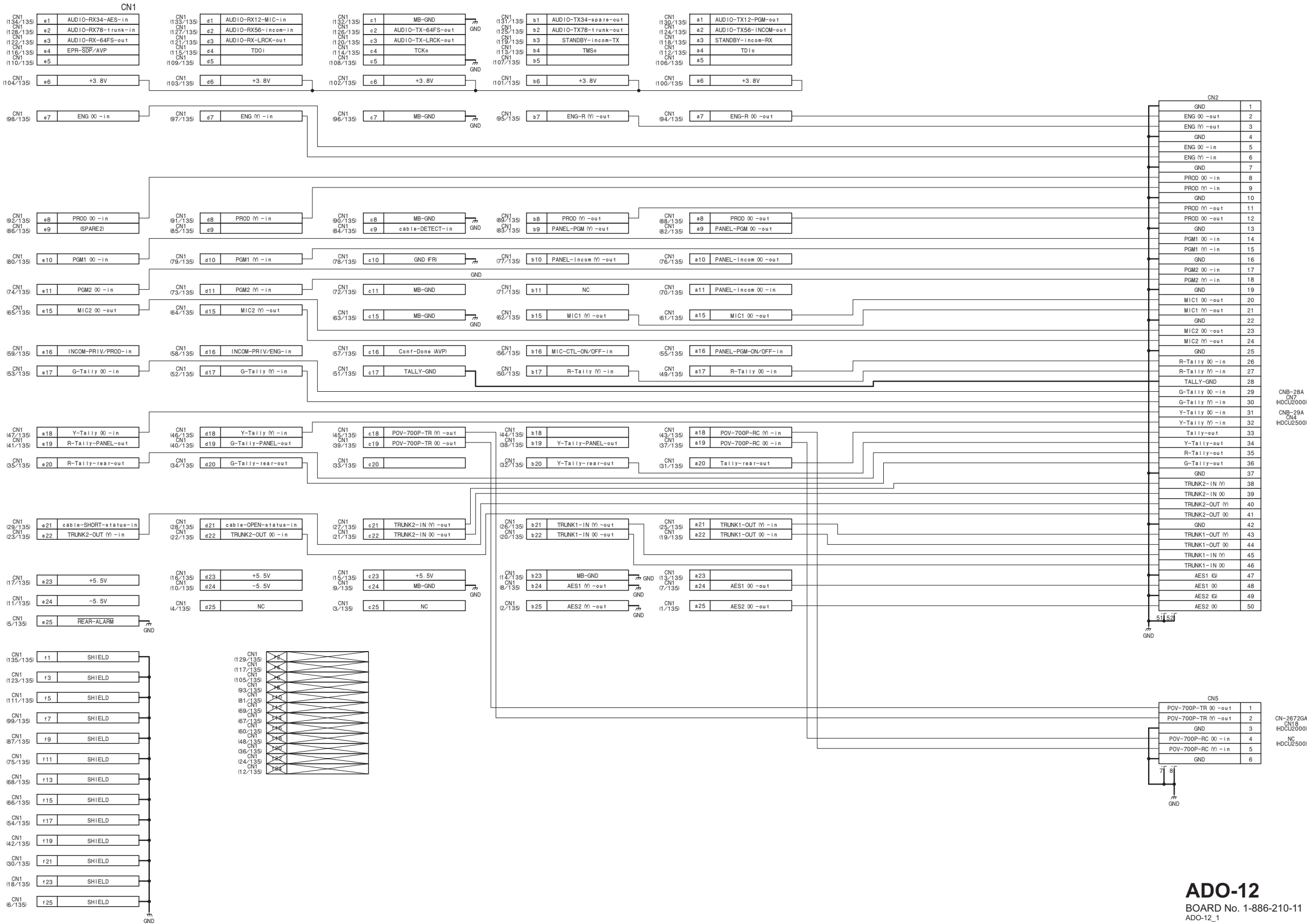


Overall (2/3)
HDCU2000

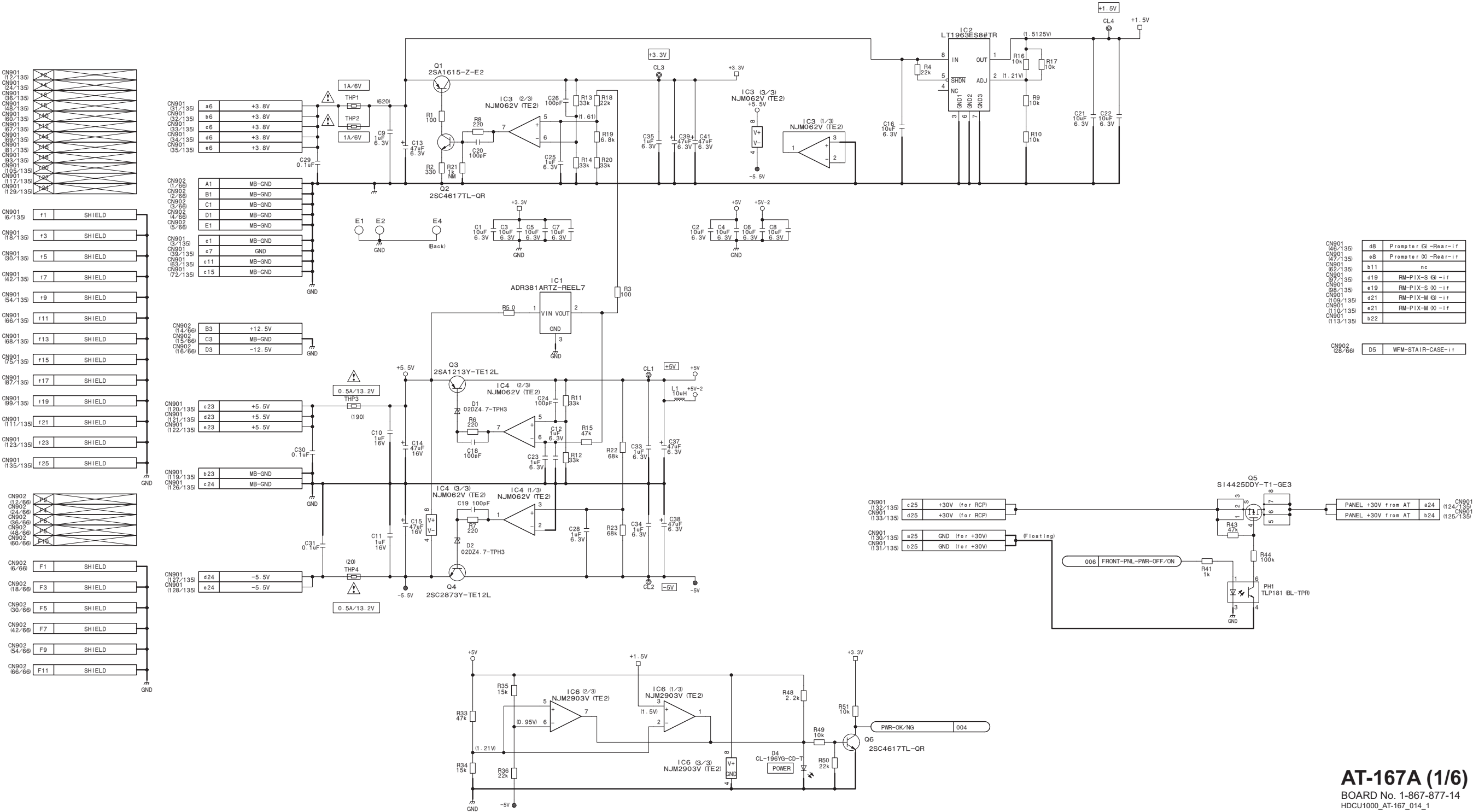


Section 8
Schematic Diagrams

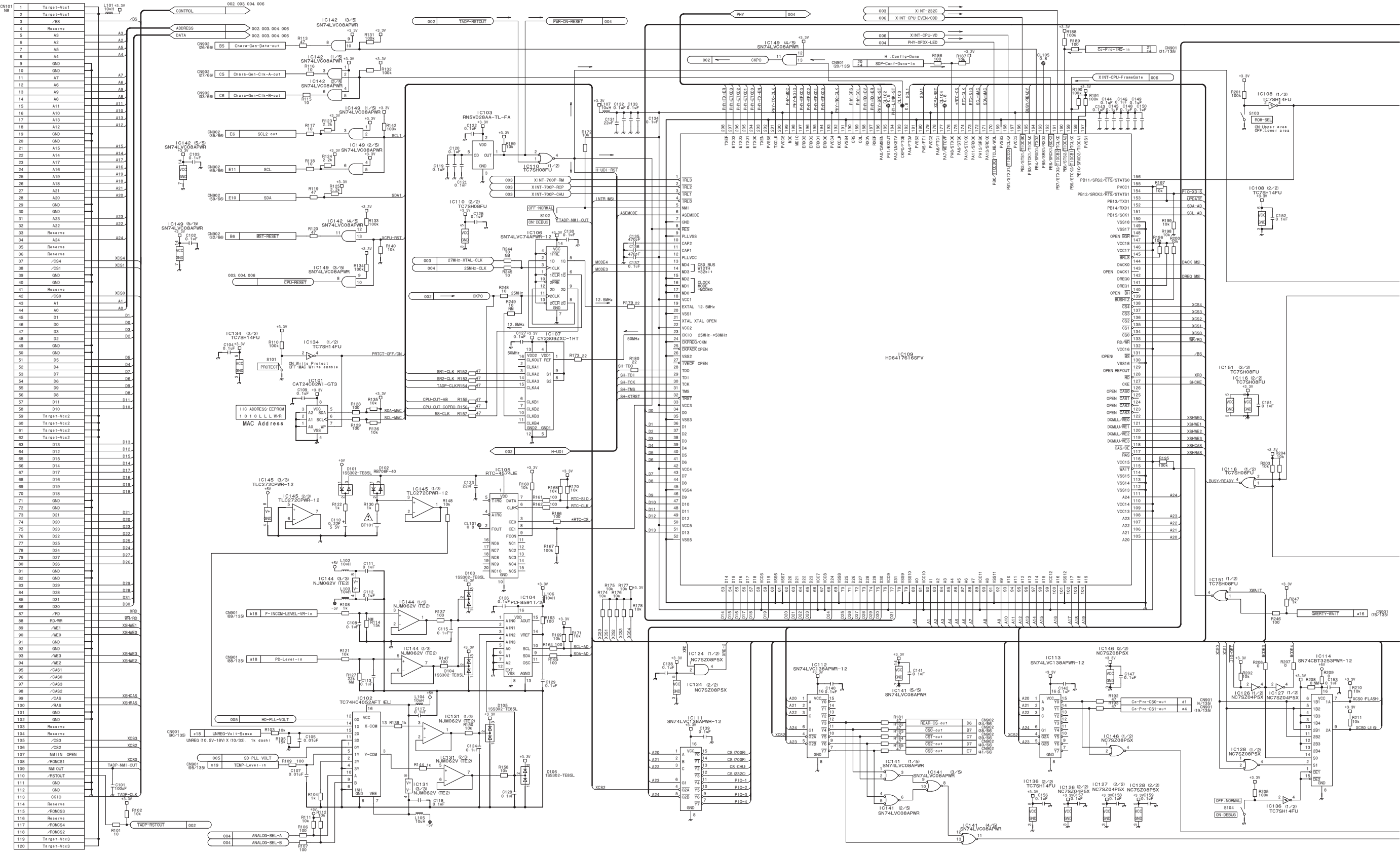
ADO-12



AT-167A
AT-167A (1/6)

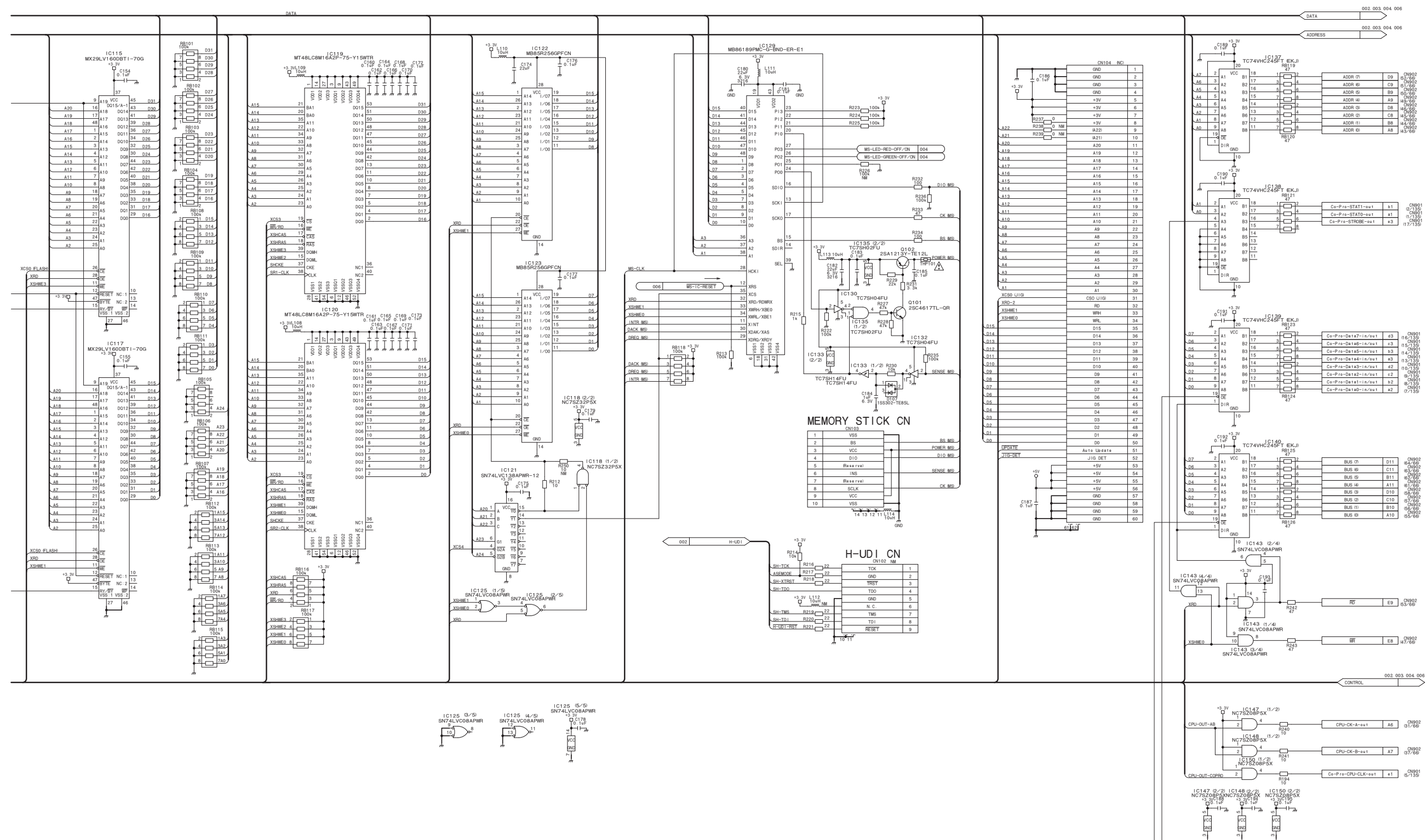


AT-167A (2/6)_L



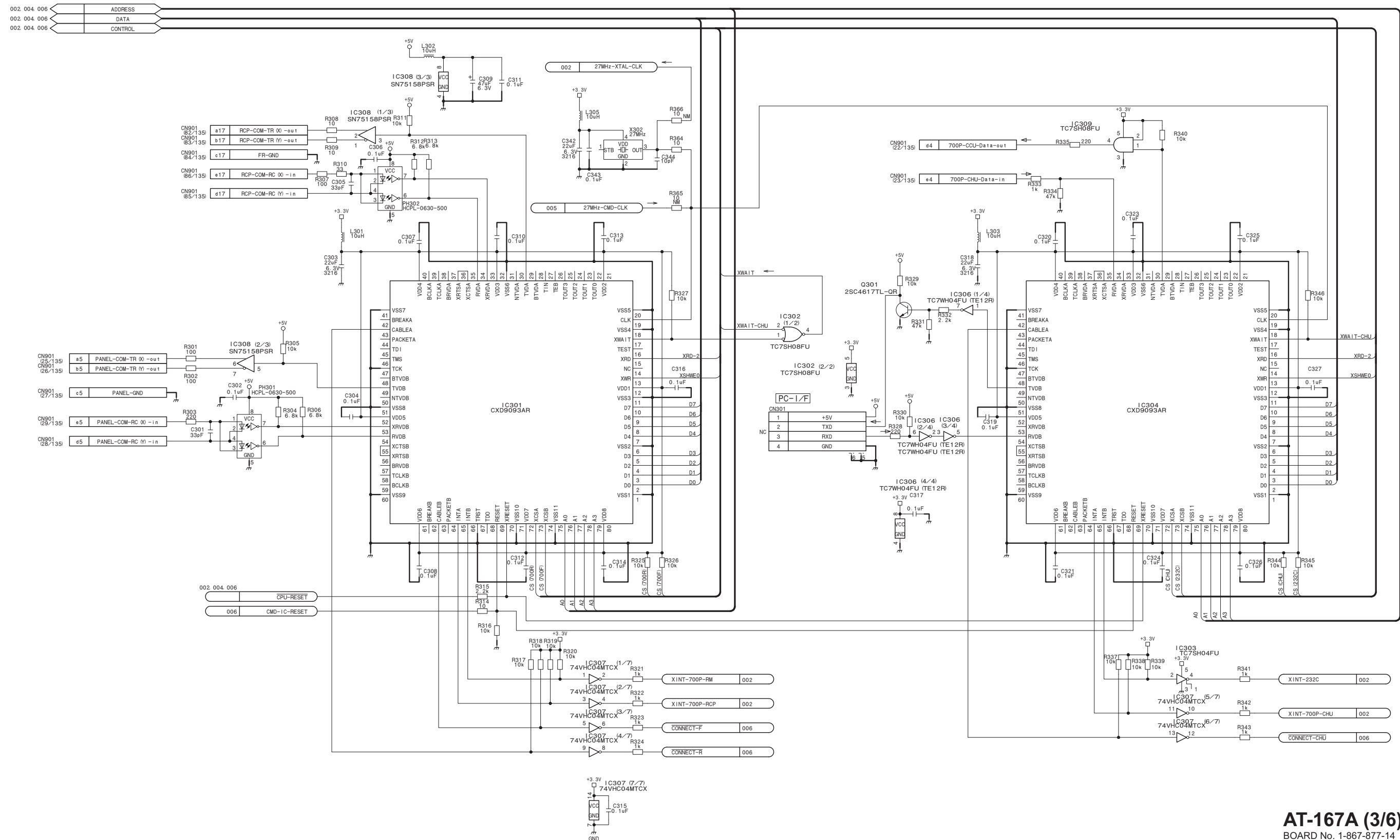
HDCU1000_AT-167_014_2

AT-167A (2/6)_R



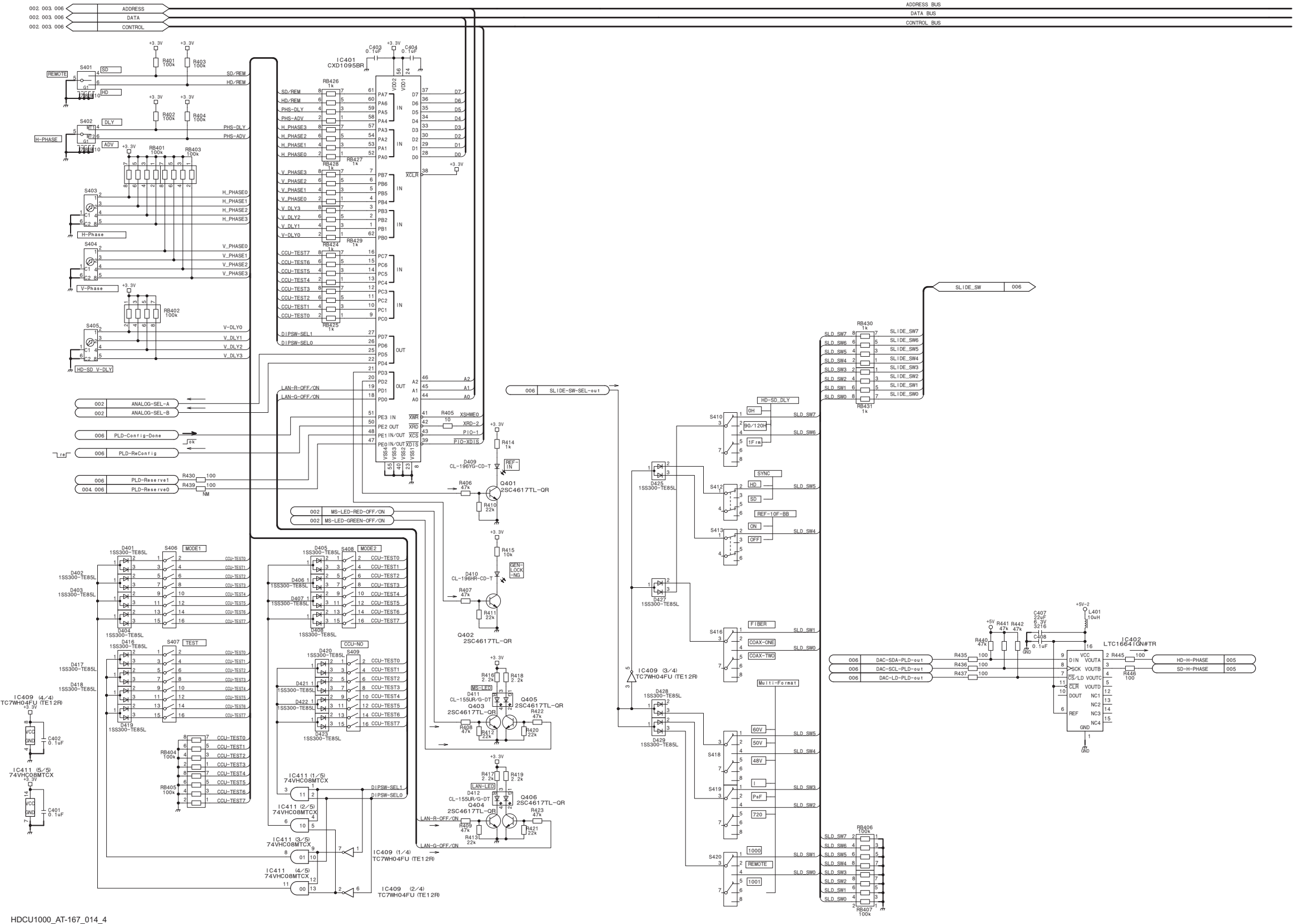
AT-167A (2/6)
BOARD No. 1-867-877-14
HDCU1000_AT-167_014_2

AT-167A (3/6)



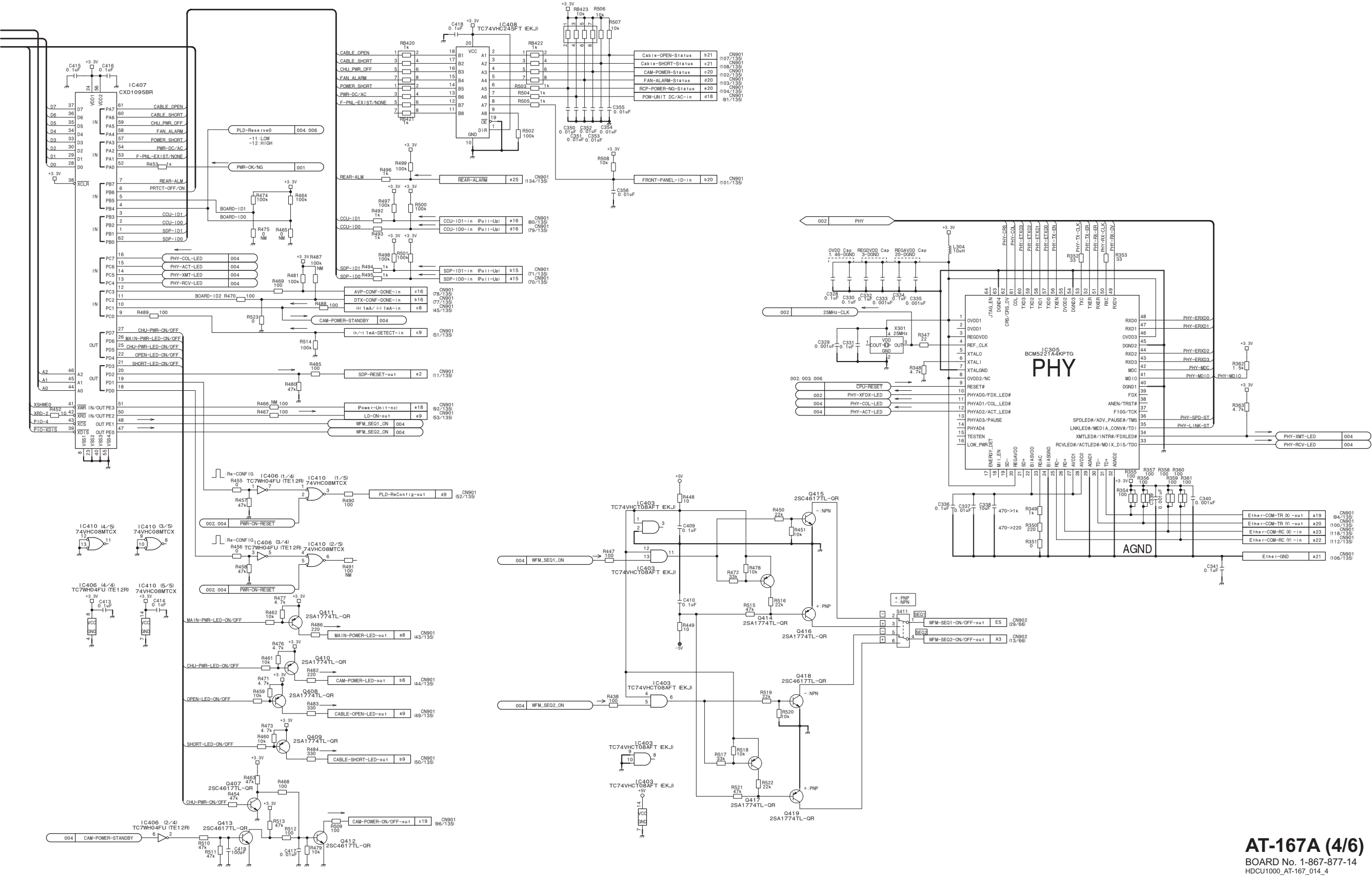
AT-167A (3/6)
BOARD No. 1-867-877-14
HDCU1000_AT-167_014_3

AT-167A (4/6)_L



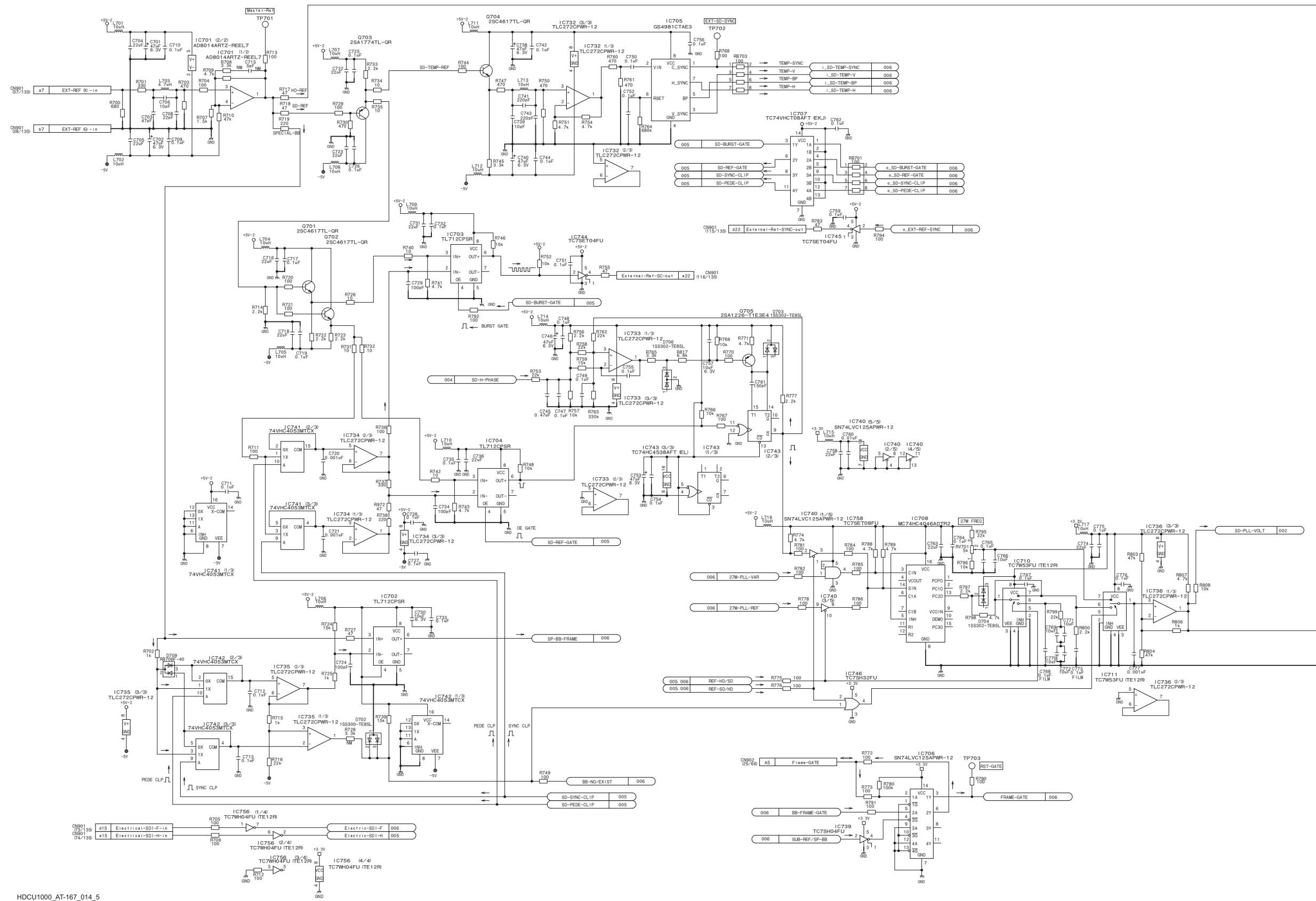
HDCU1000_AT-167_014_4

AT-167A (4/6)_R

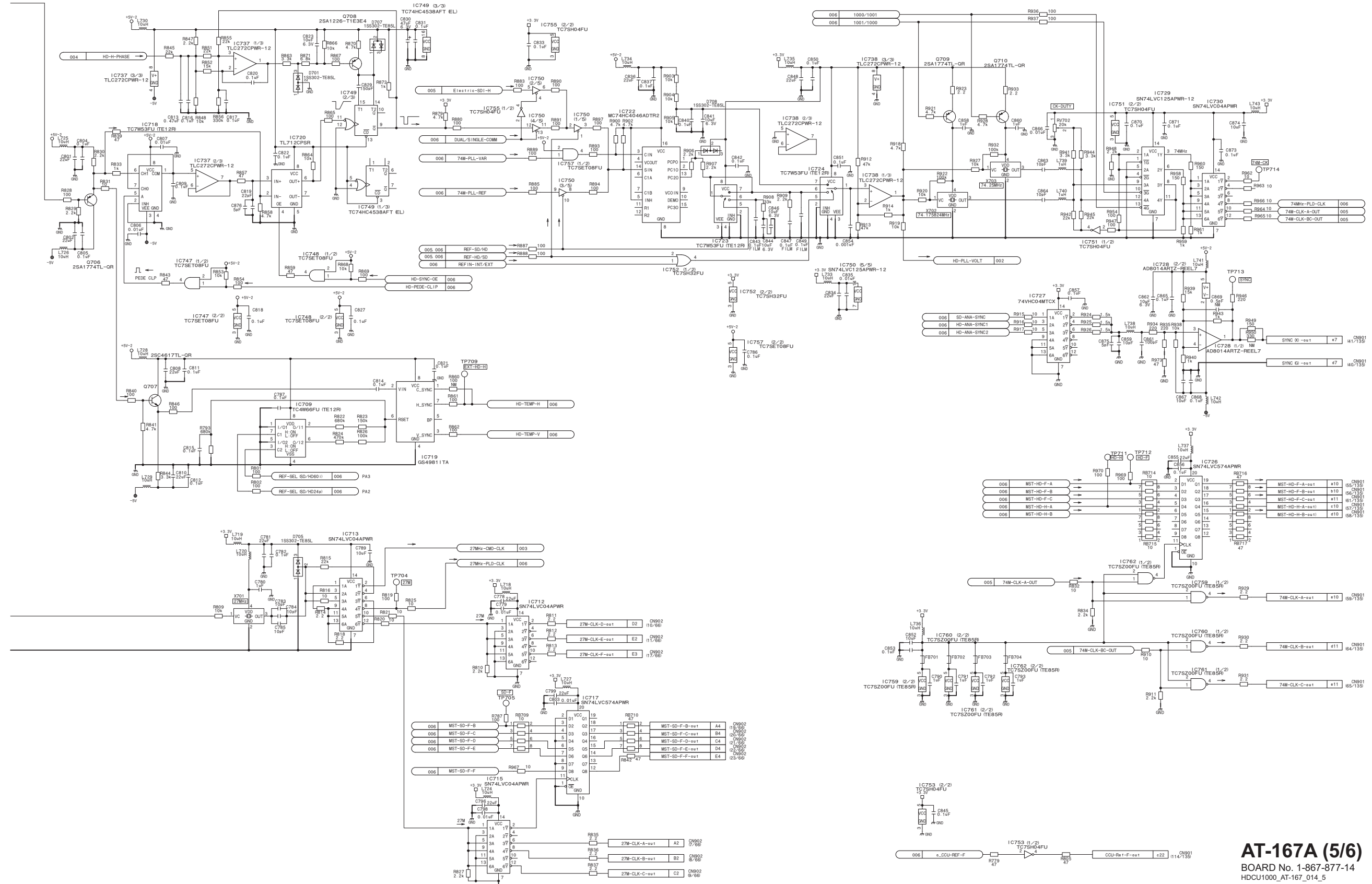


AT-167A (4/6)
BOARD No. 1-867-877-14
HDCU1000_AT-167_014_4

AT-167A (5/6)_L

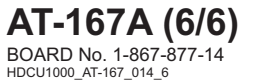


AT-167A (5/6)_R

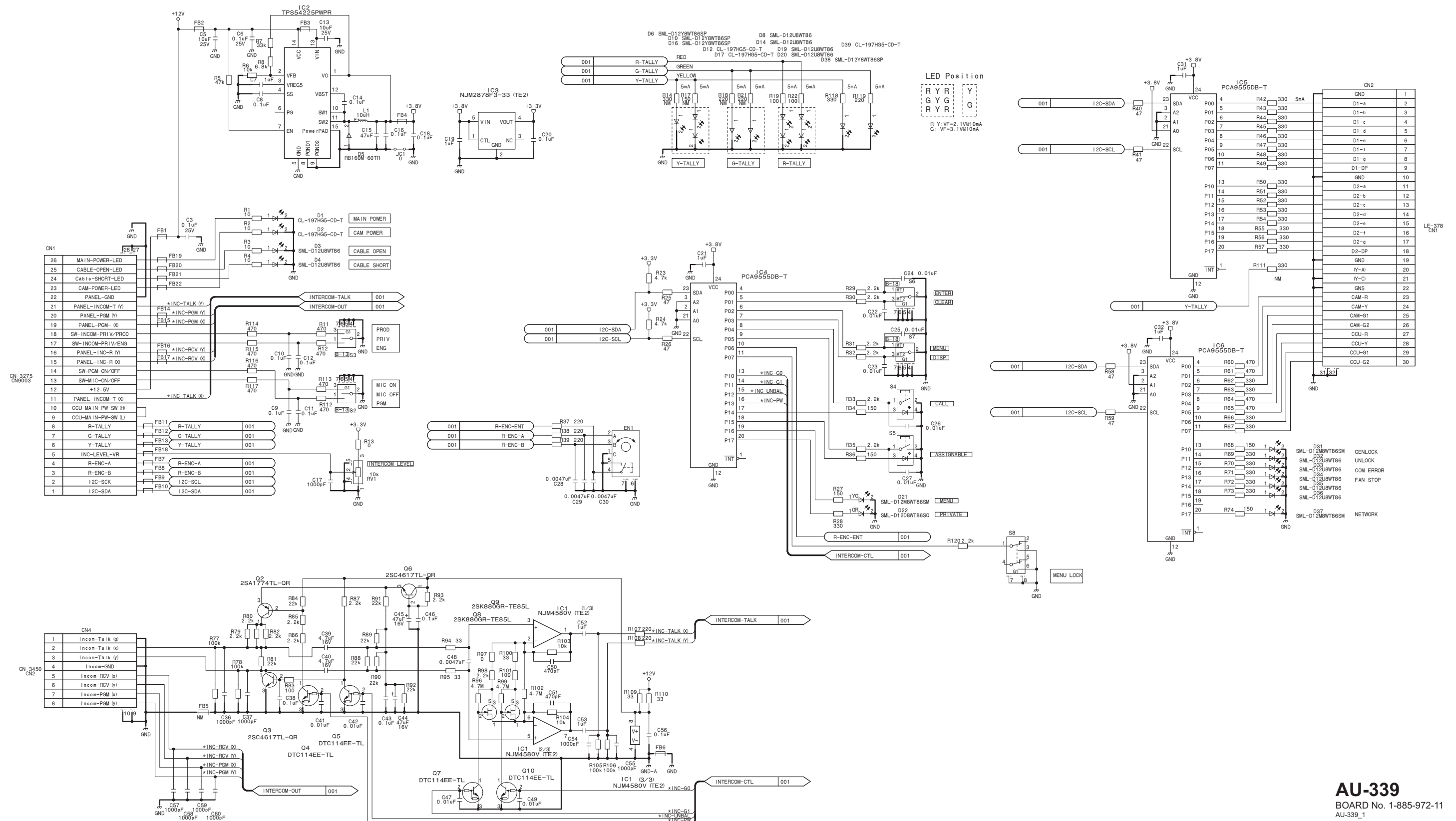


AT-167A (5/6)
BOARD No. 1-867-877-14
HDCU1000_AT-167_014_5

HDCU2000

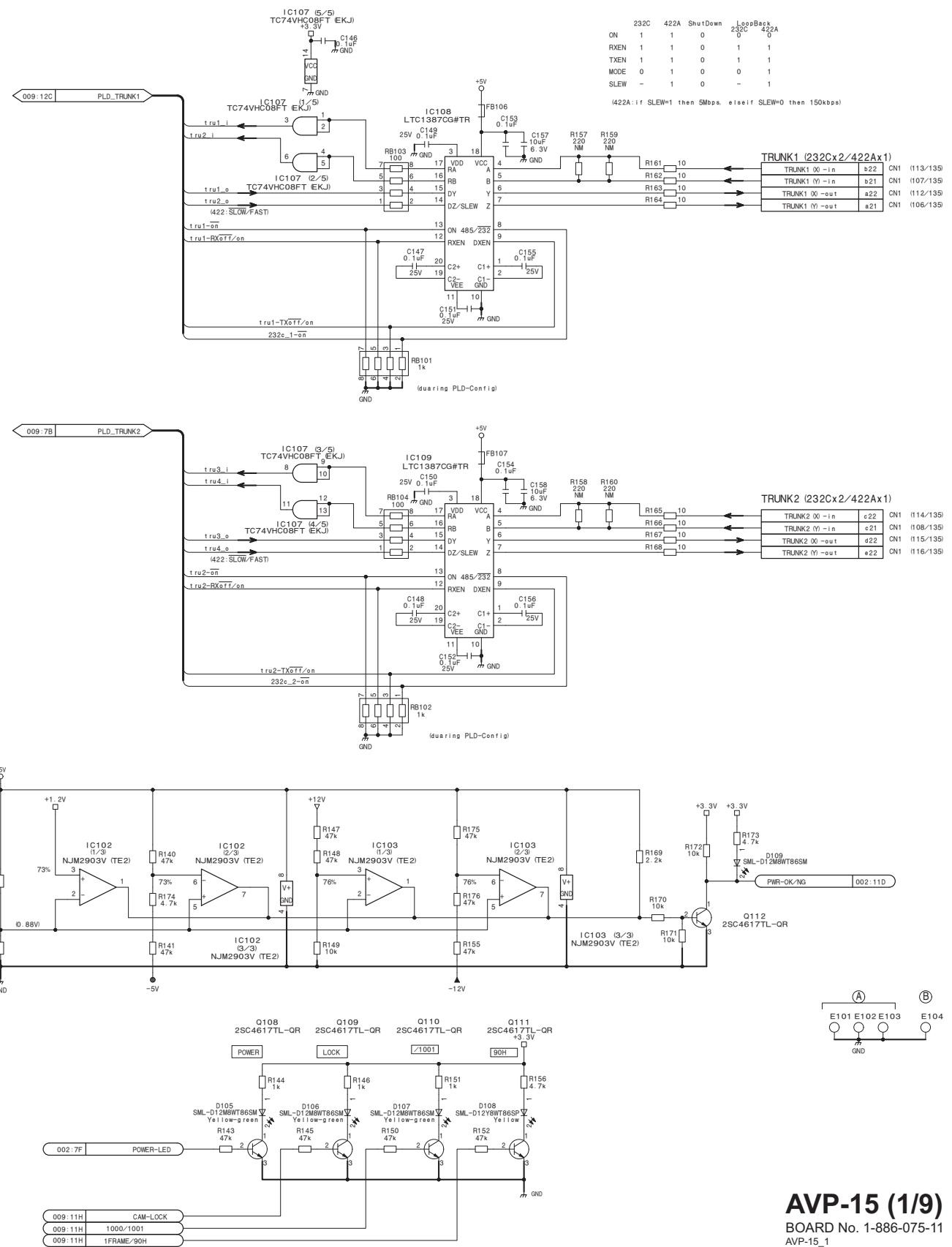
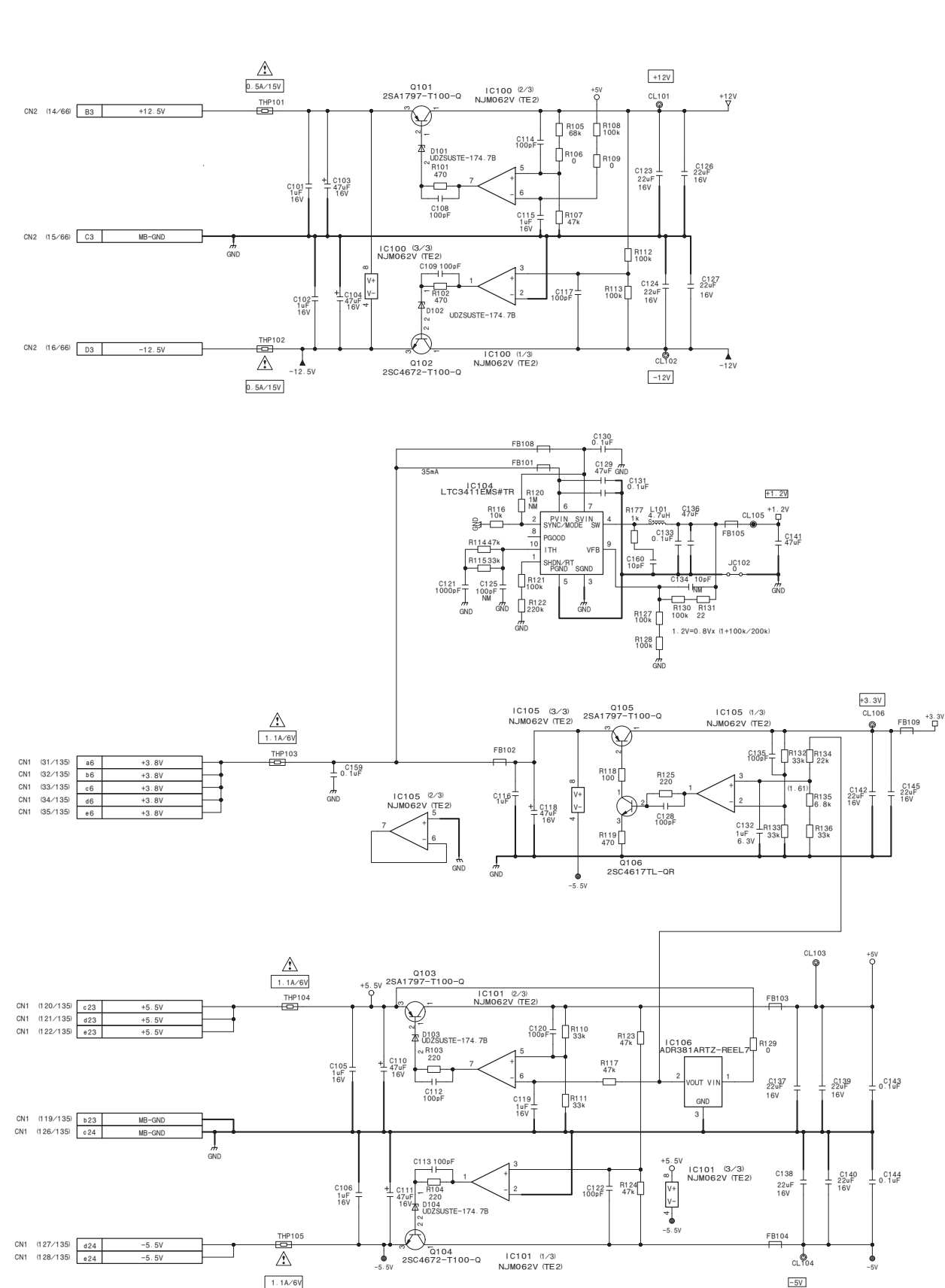


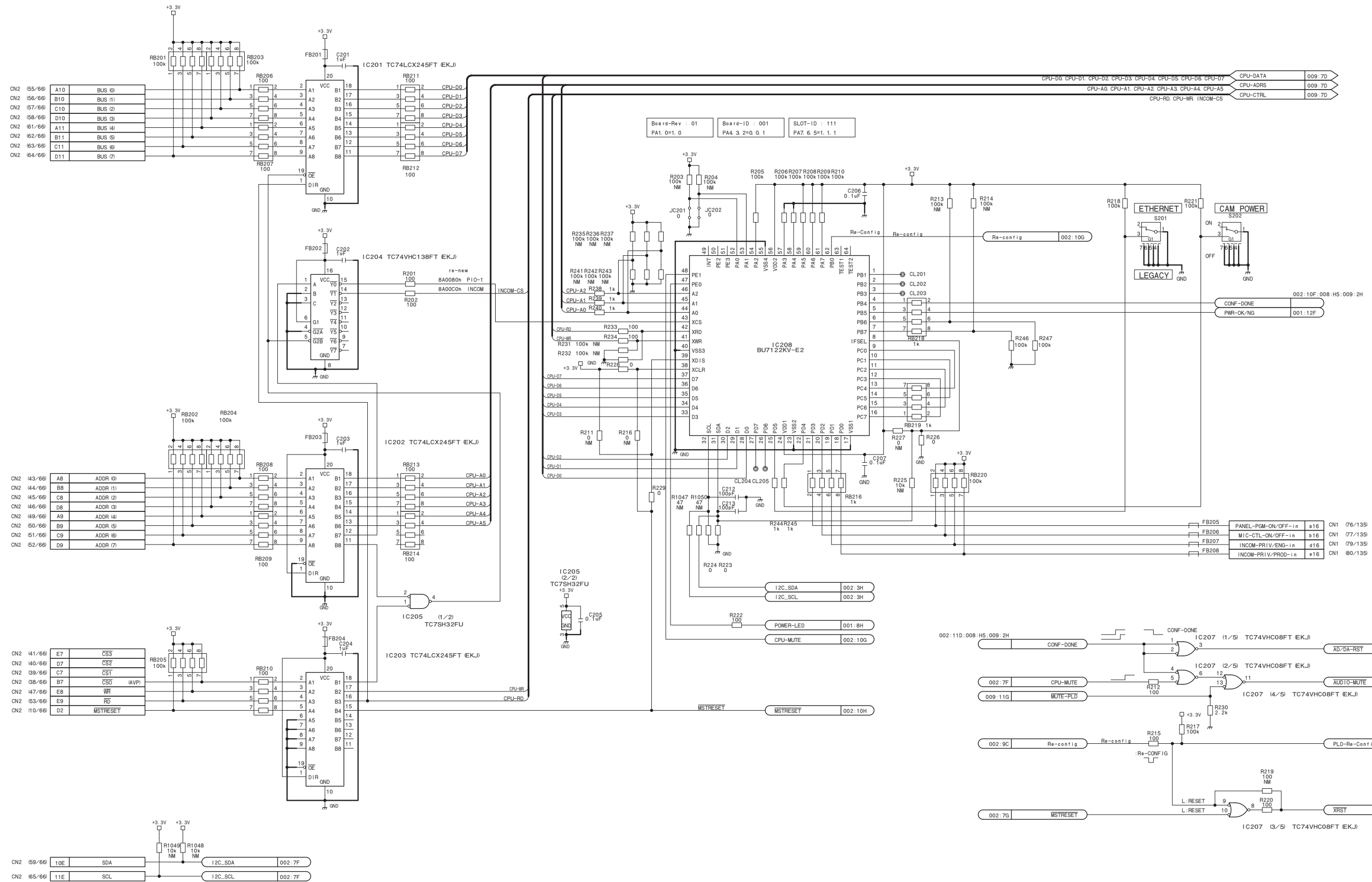
AU-339



AU-339
BOARD No. 1-885-972-11
AU-339_1

AVP-15
AVP-15 (1/9)



AVP-15 (2/9)

AVP-15 (2/9)
BOARD No. 1-886-075-11
AVP-15_2

AVP-15 (3/9)

CN1 (12/135)	f2	
CN1 (24/135)	f4	
CN1 (36/135)	f6	
CN1 (48/135)	f8	
CN1 (60/135)	f10	
CN1 (67/135)	f12	
CN1 (69/135)	f14	
CN1 (81/135)	f16	
CN1 (93/135)	f18	
CN1 (105/135)	f20	
CN1 (117/135)	f22	
CN1 (129/135)	f24	

CN1 (6/135)	f1	SHIELD
CN1 (18/135)	f3	SHIELD
CN1 (30/135)	f5	SHIELD
CN1 (42/135)	f7	SHIELD
CN1 (54/135)	f9	SHIELD
CN1 (66/135)	f11	SHIELD
CN1 (68/135)	f13	SHIELD
CN1 (75/135)	f15	SHIELD
CN1 (87/135)	f17	SHIELD
CN1 (99/135)	f19	SHIELD
CN1 (111/135)	f21	SHIELD
CN1 (123/135)	f23	SHIELD
CN1 (135/135)	f25	SHIELD

CN1 (26/135)	b5	
CN1 (28/135)	a5	
CN1 (29/135)	e5	
CN1 (52/135)	e9	
CN1 (53/135)	e9	
CN1 (89/135)	b18	
CN1 (102/135)	e20	
CN1 (118/135)	a23	
CN1 (132/135)	a25	n.c
CN1 (133/135)	a25	n.c

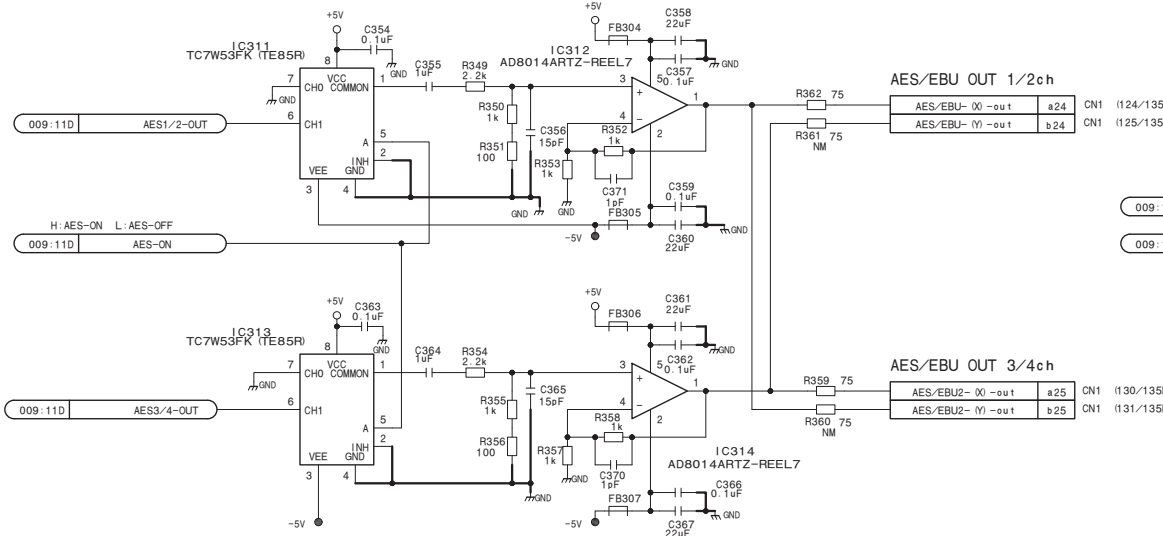
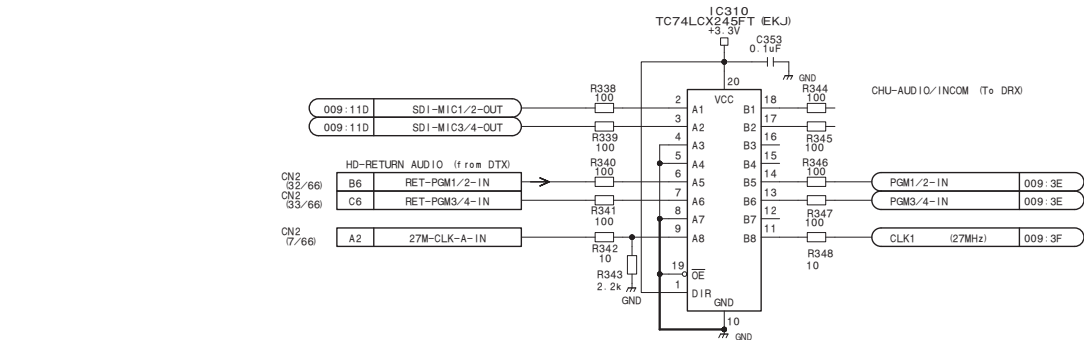
CN1 (3/135)	c1	MB-GND
CN1 (27/135)	c5	
CN1 (57/135)	c10	

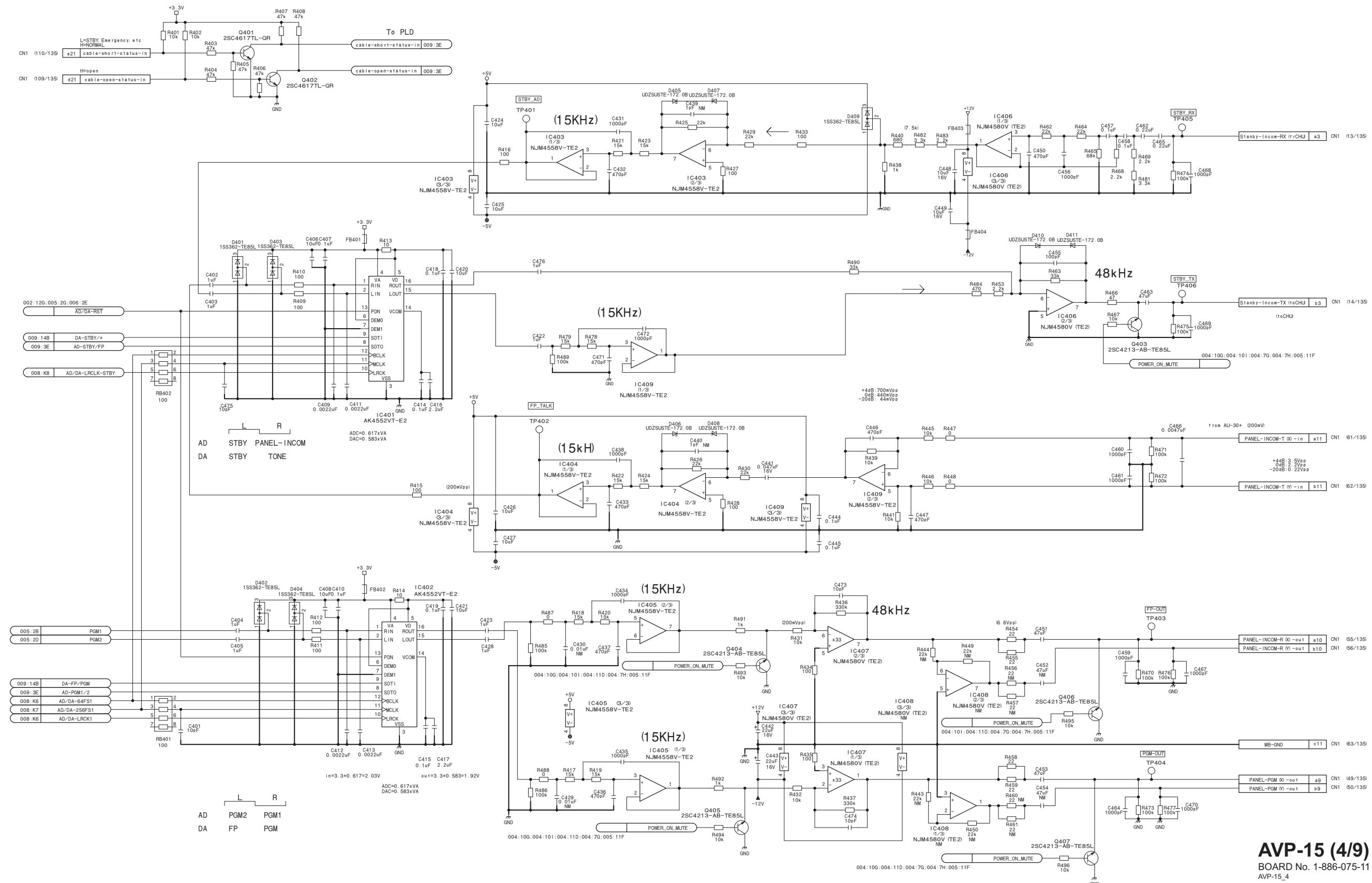
CN2 (12/66)	F2	NC
CN2 (24/66)	F4	NC
CN2 (36/66)	F6	NC
CN2 (48/66)	F8	NC
CN2 (60/66)	F10	NC

CN2 (6/66)	F1	SHIELD
CN2 (18/66)	F3	SHIELD
CN2 (30/66)	F5	SHIELD
CN2 (42/66)	F7	SHIELD
CN2 (54/66)	F9	SHIELD
CN2 (66/66)	F11	SHIELD

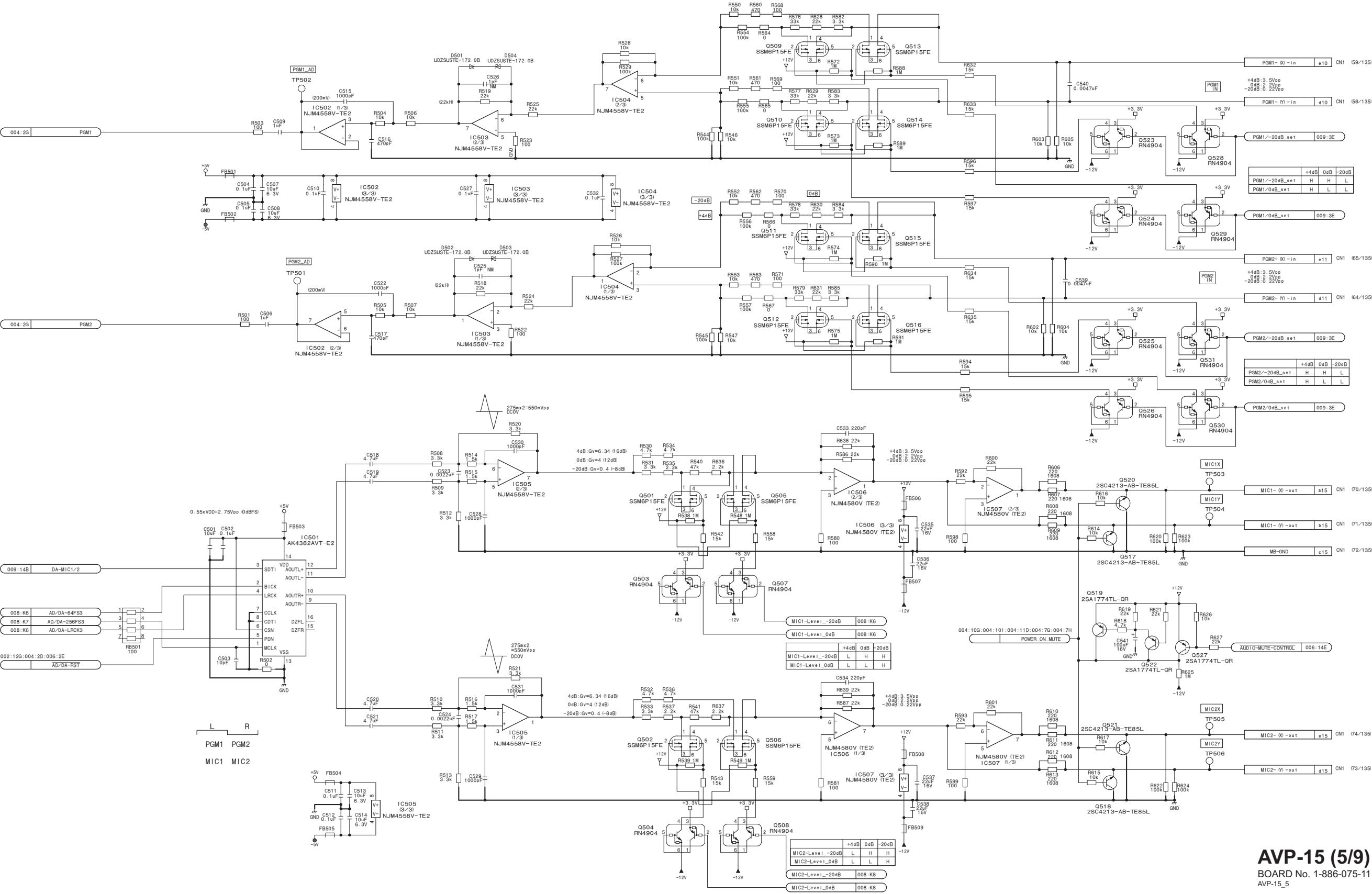
CN2 (1/66)	A1	MB-GND
CN2 (2/66)	B1	MB-GND
CN2 (3/66)	C1	MB-GND
CN2 (4/66)	D1	MB-GND
CN2 (5/66)	E1	MB-GND
CN2 (6/66)	B2	CLK-Gnd-GND

CN2 (9/66)	C2	NC
CN2 (11/66)	E2	NC
CN2 (26/66)	B5	EXT-AUDIO1/2-in
CN2 (27/66)	C5	EXT-AUDIO3/4-in
CN2 (37/66)	A7	CPU-CK

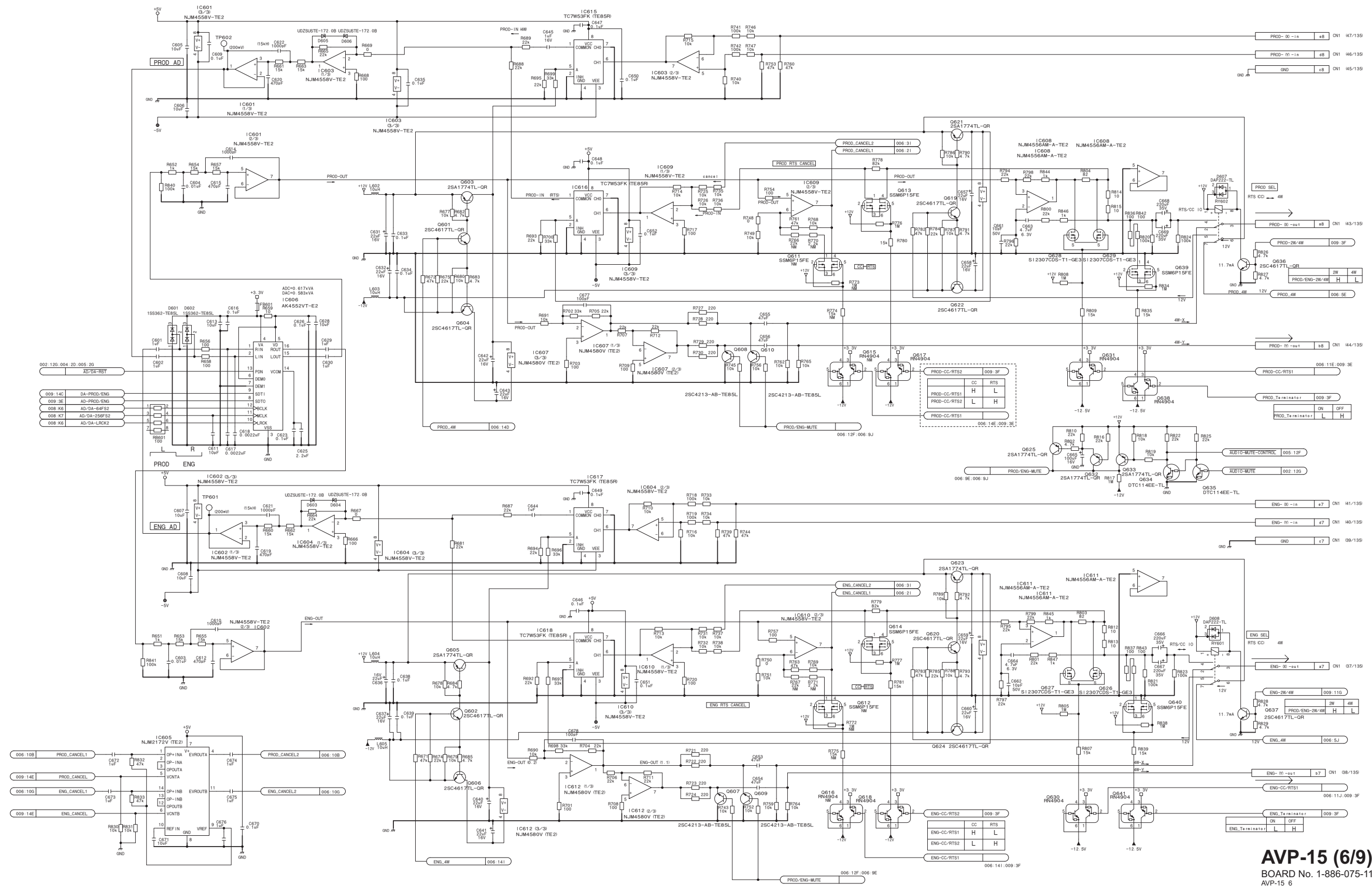


AVP-15 (4/9)

AVP-15 (4/9)
BOARD No. 1-886-075-11
AVP-15_4

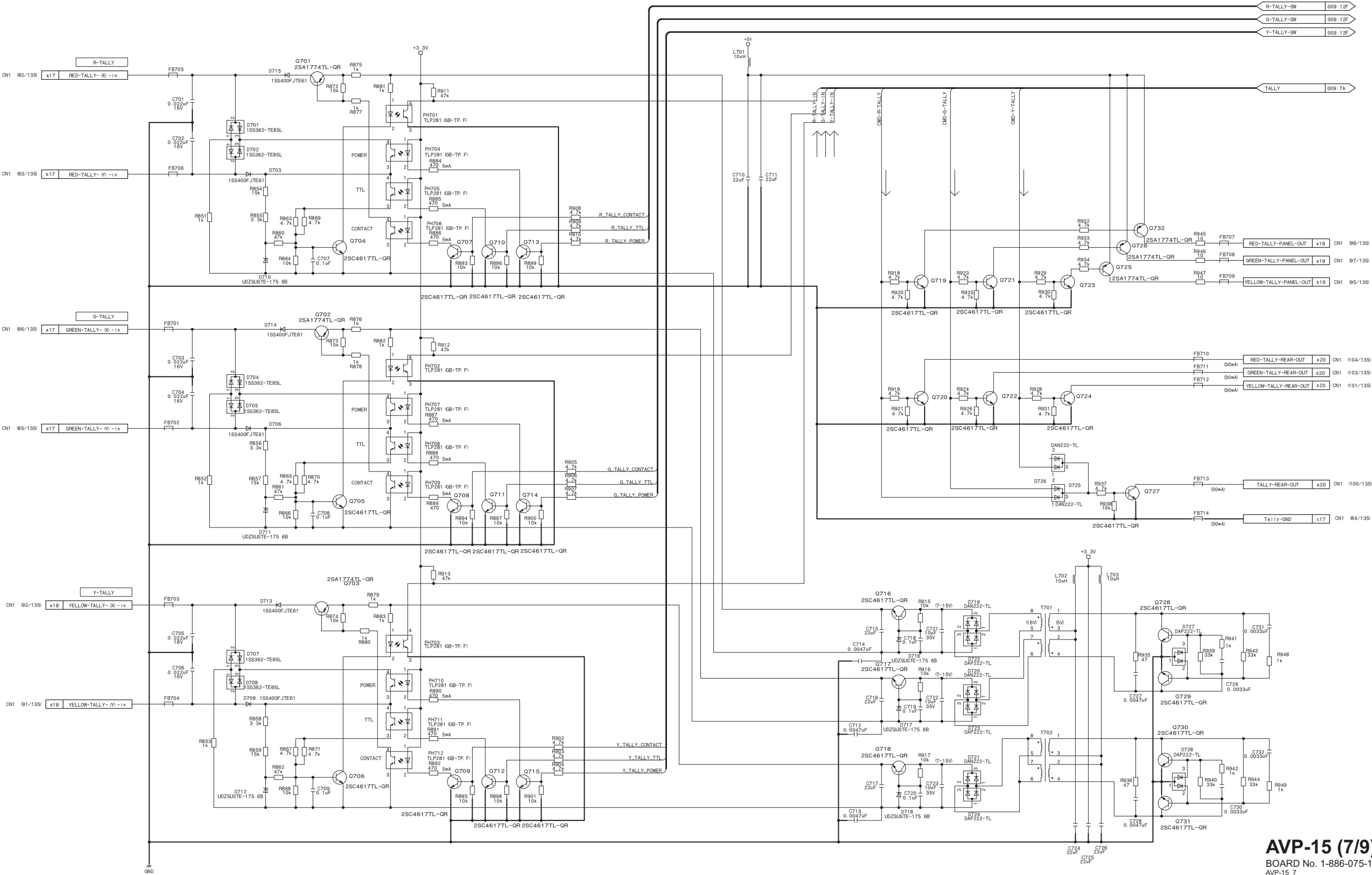


AVP-15 (5/9)
BOARD No. 1-886-075-11
AVP-15_5

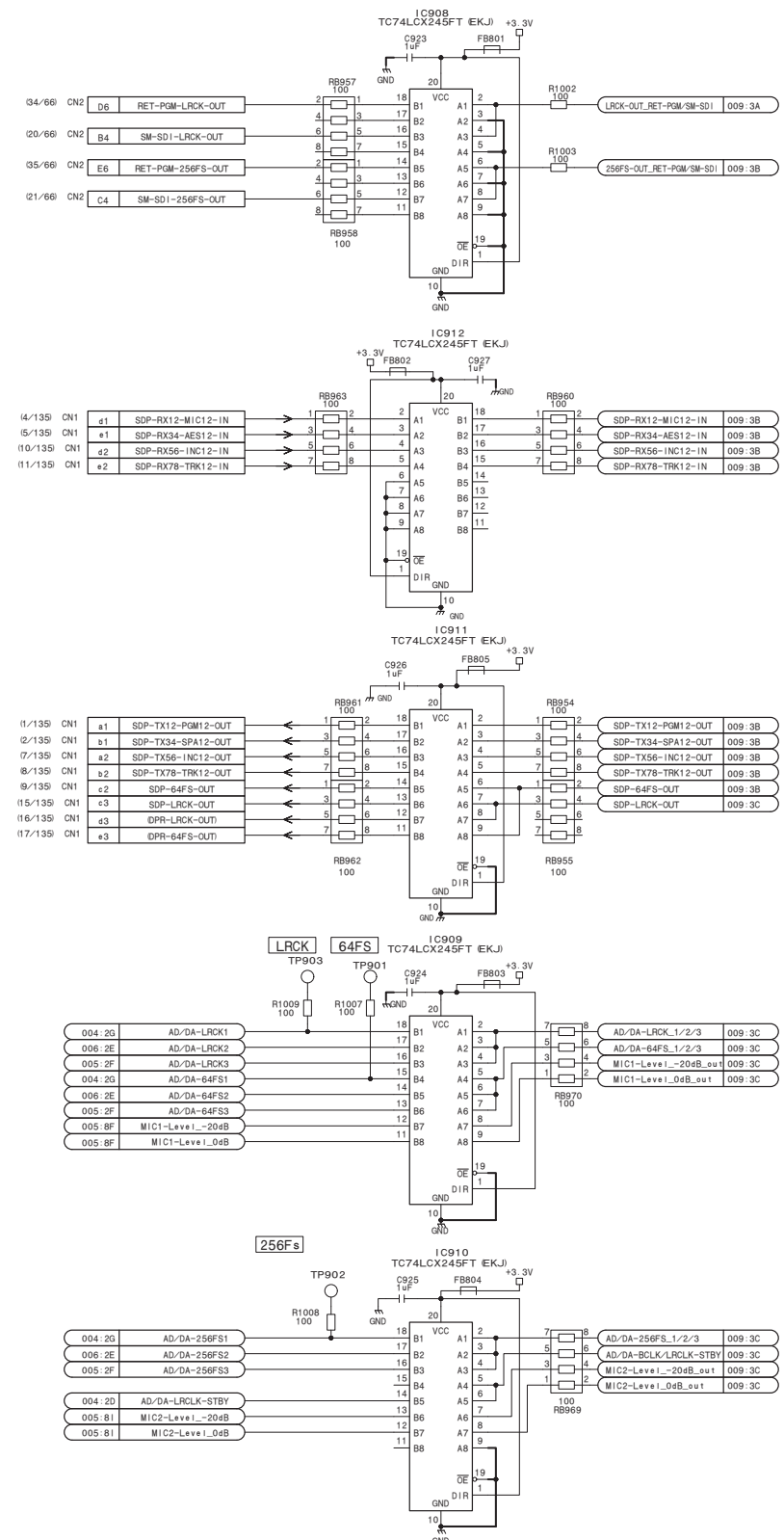
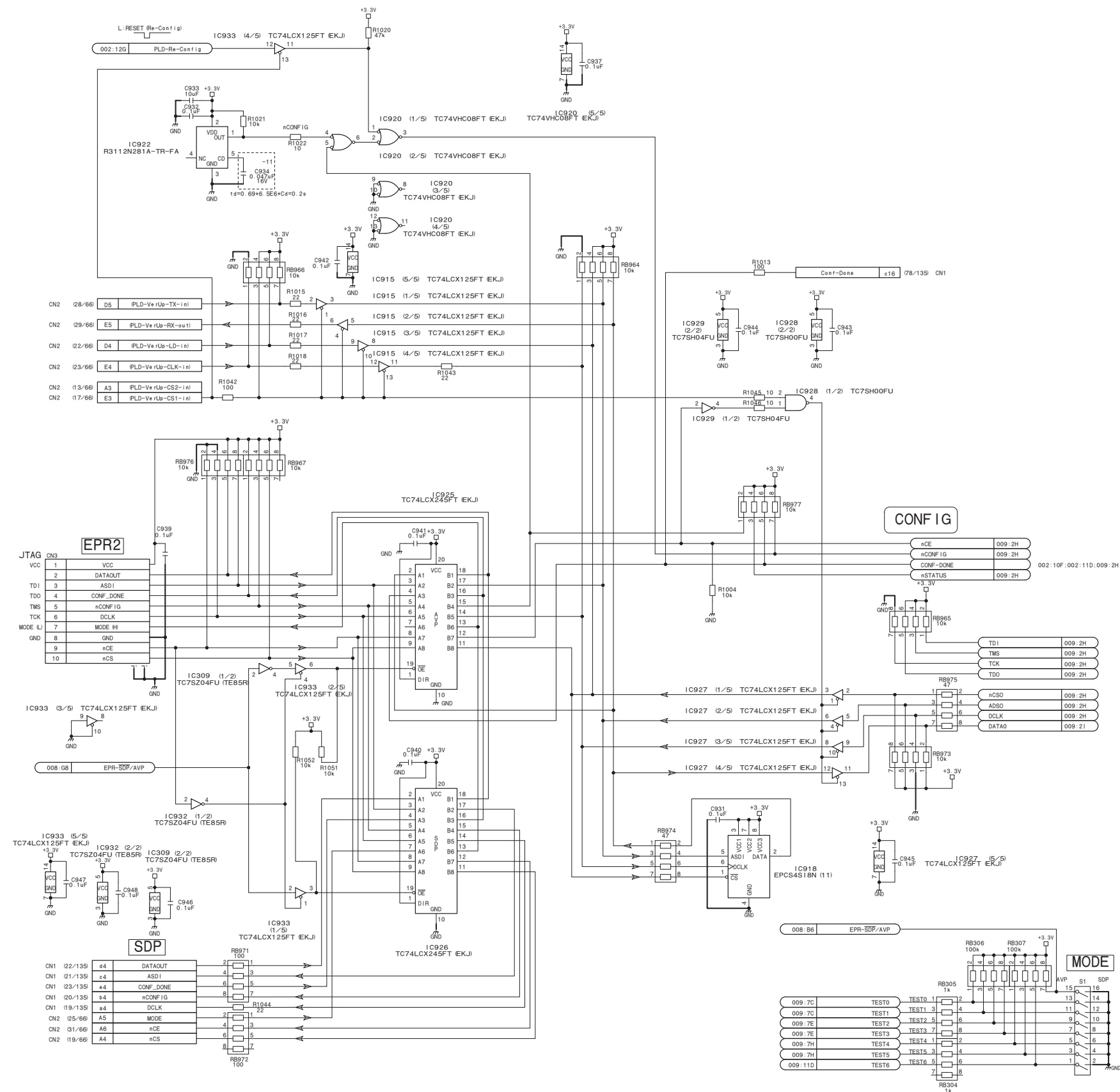
AVP-15 (6/9)

AVP-15 (6/9)
BOARD No. 1-886-075-11
AVP-15_6

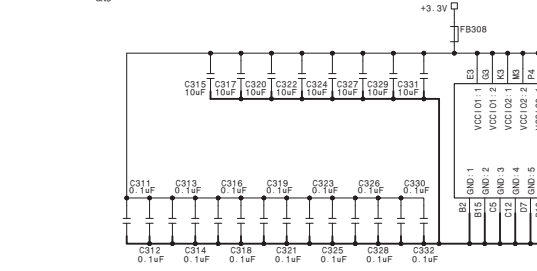
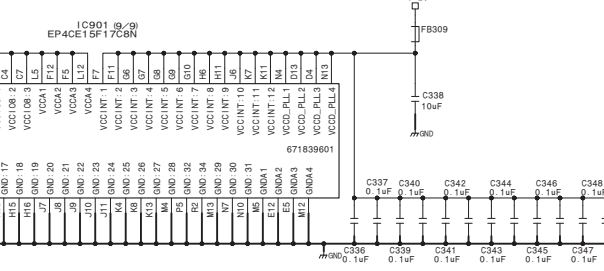
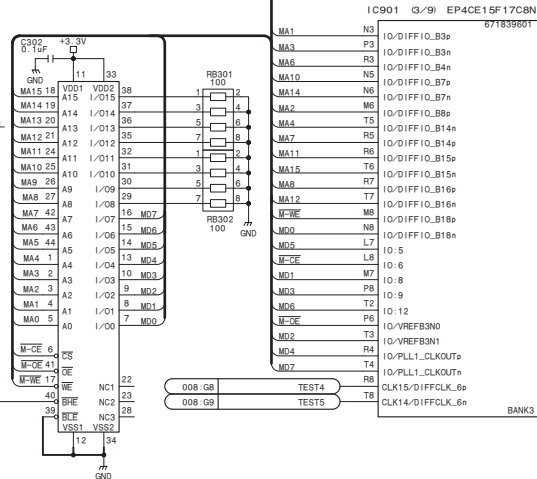
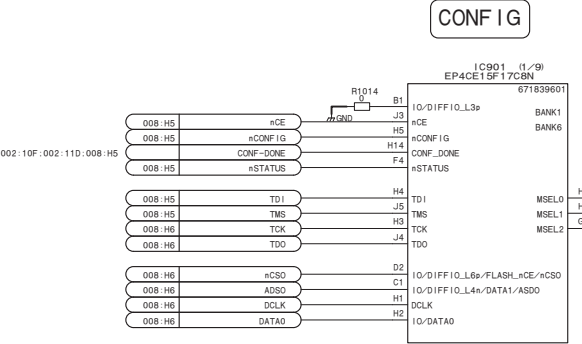
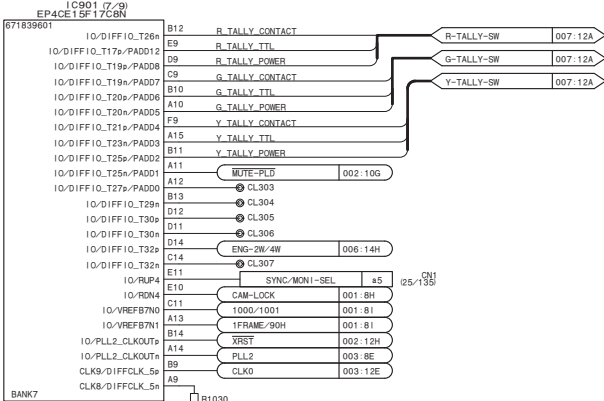
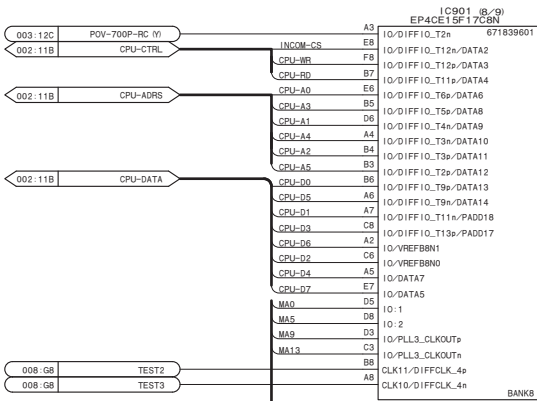
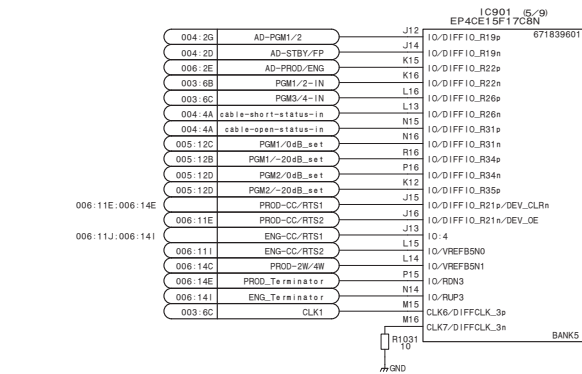
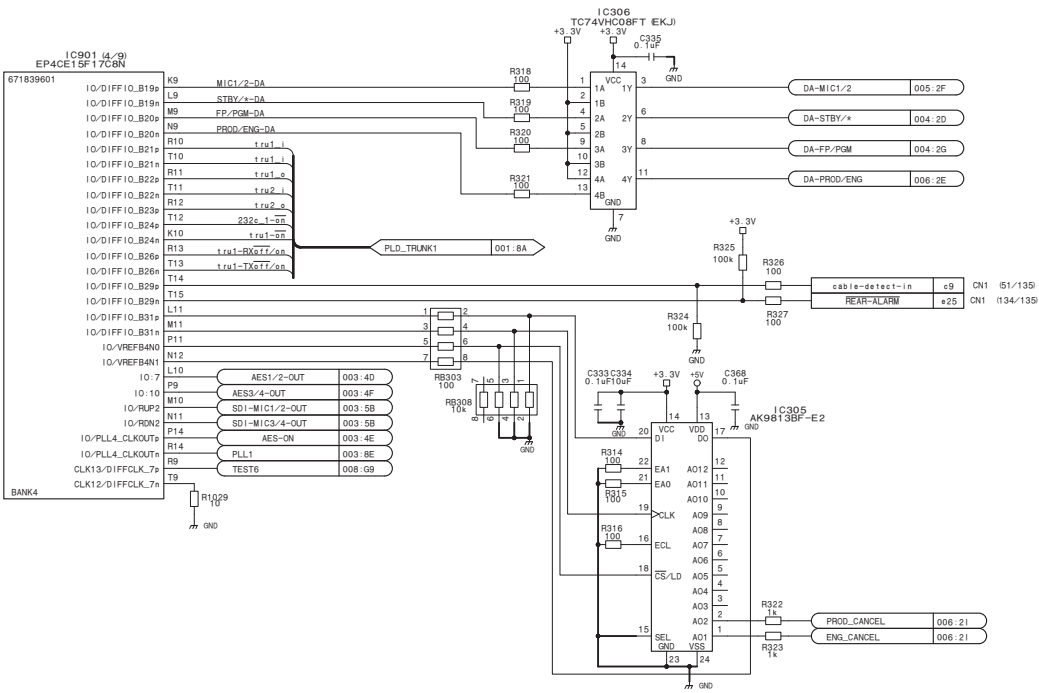
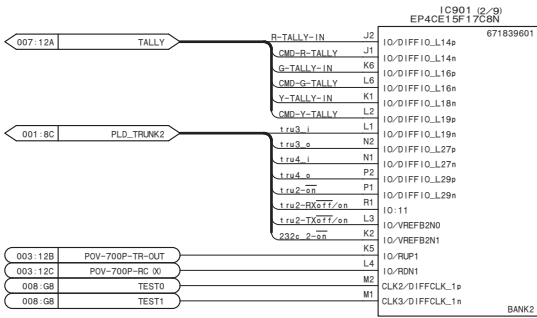
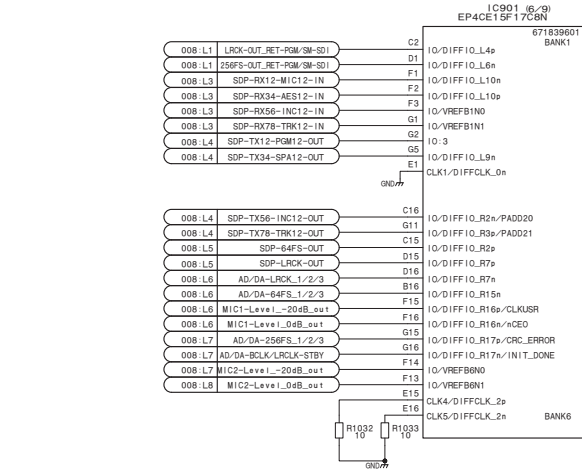
AVP-15 (7/9)



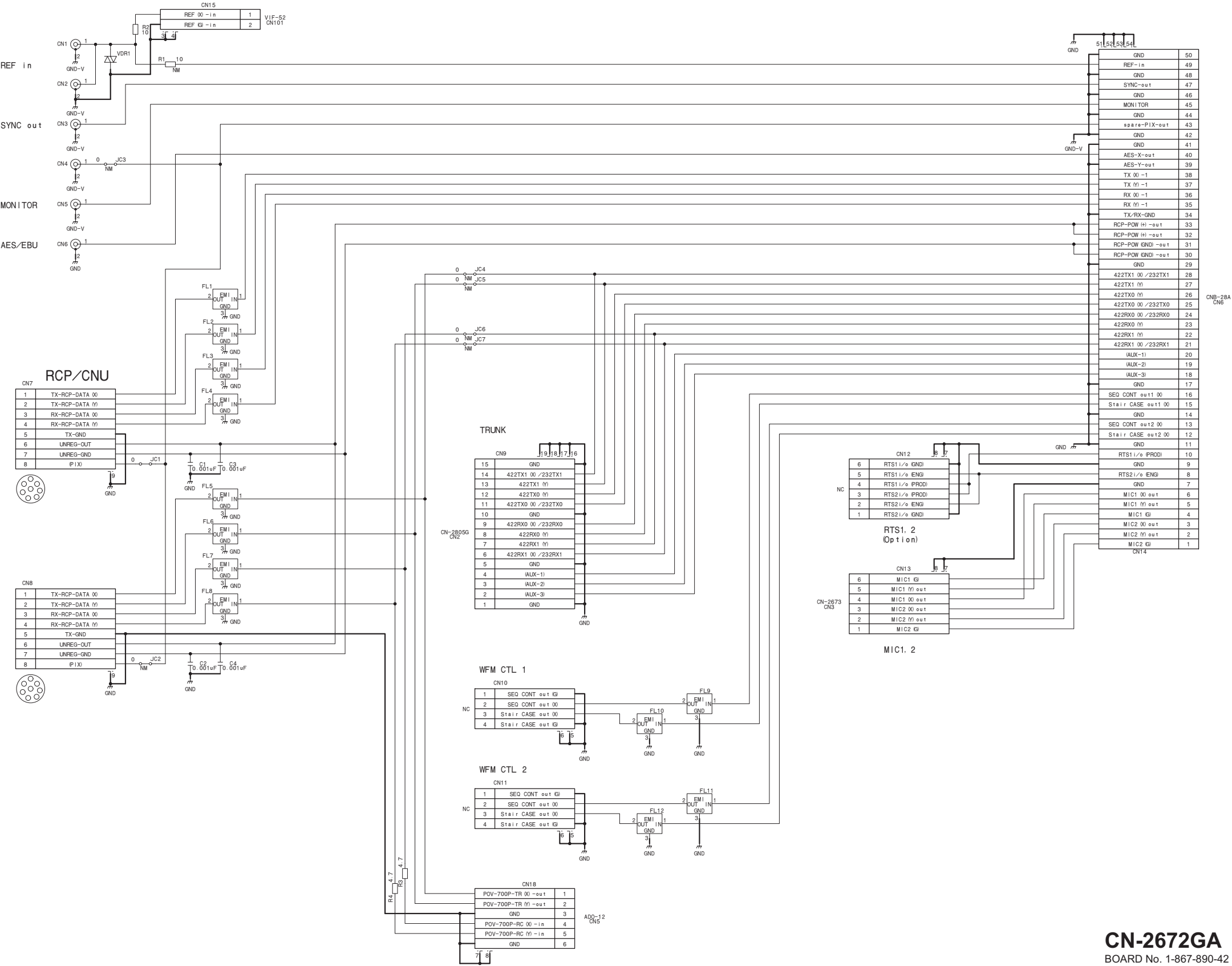
AVP-15 (7/9)
BOARD No. 1-886-075-11
AVP-15_7

AVP-15 (8/9)

AVP-15 (8/9)
BOARD No. 1-886-075-11
AVP-15.8



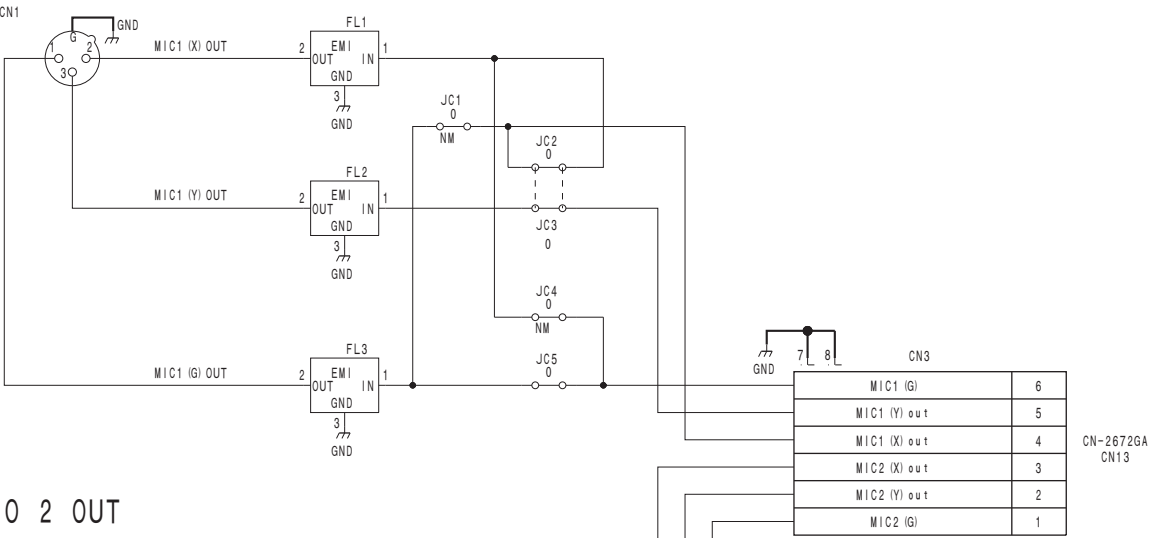
CN-2672GA



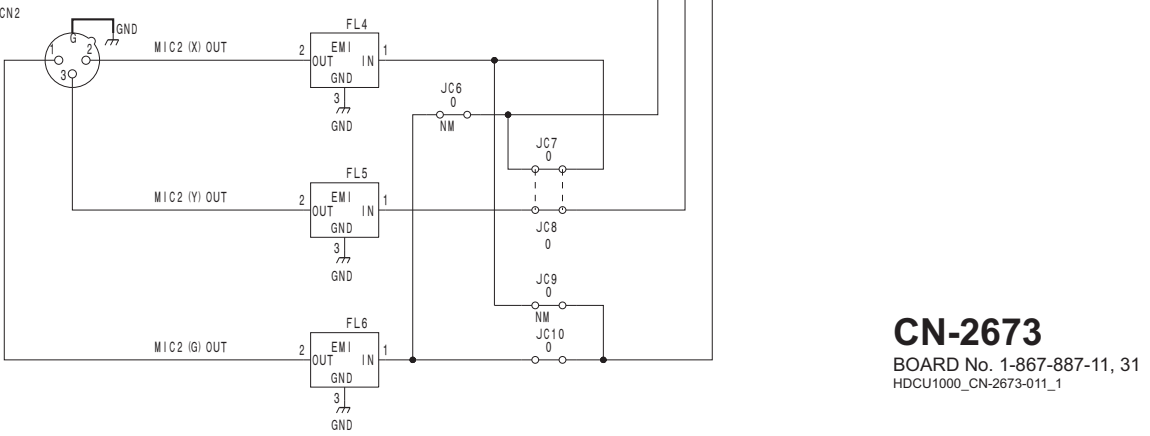
CN-2672GA
BOARD No. 1-867-890-42
HDCU1000_CN-2672G-042_1

CN-2673

AUDIO 1 OUT



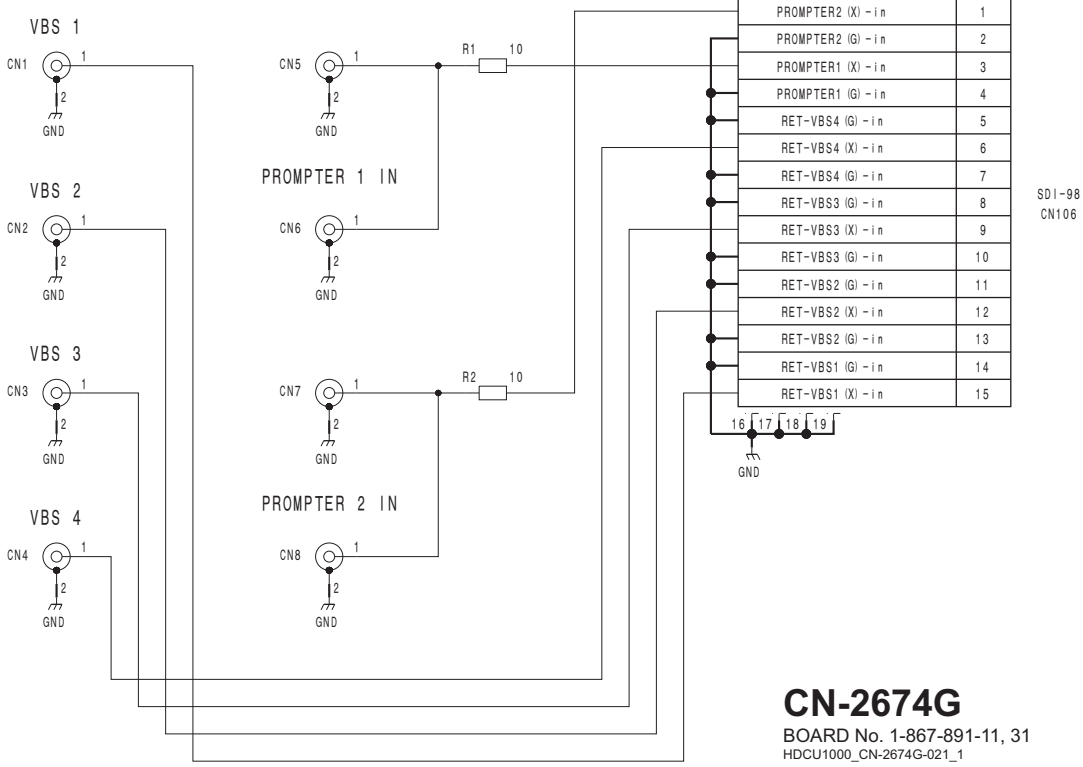
AUDIO 2 OUT



CN-2673
BOARD No. 1-867-887-11, 31
HDCU1000_CN-2673-011_1

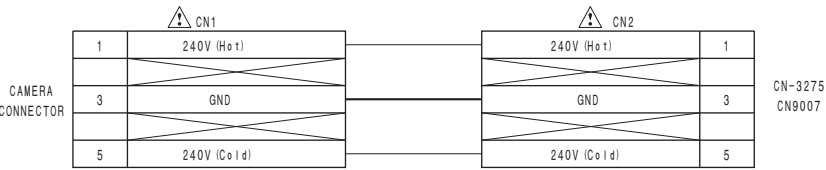
CN-2674G

RETURN IN



CN-2674G
BOARD No. 1-867-891-11, 31
HDCU1000_CN-2674G-021_1

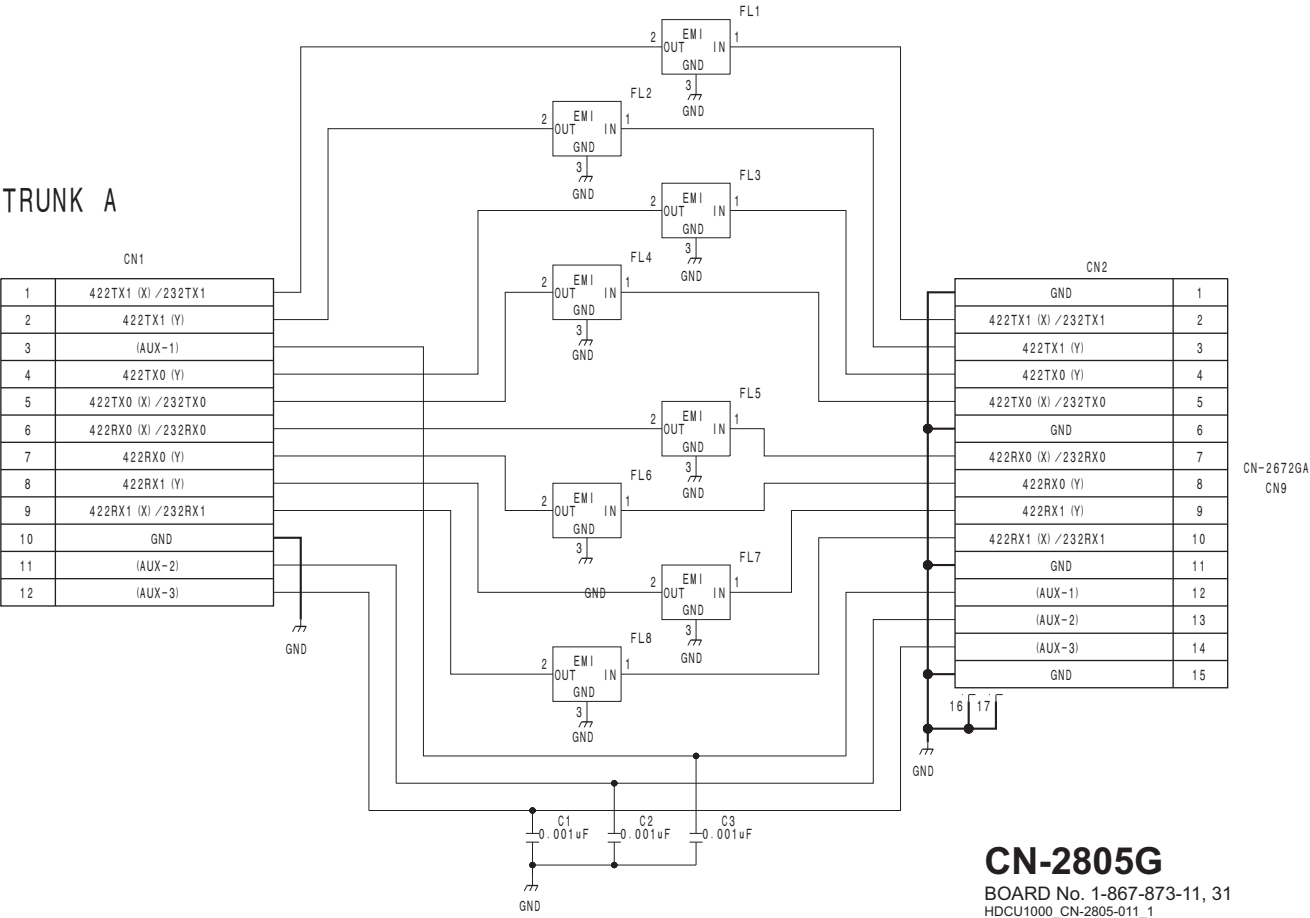
CN-2718



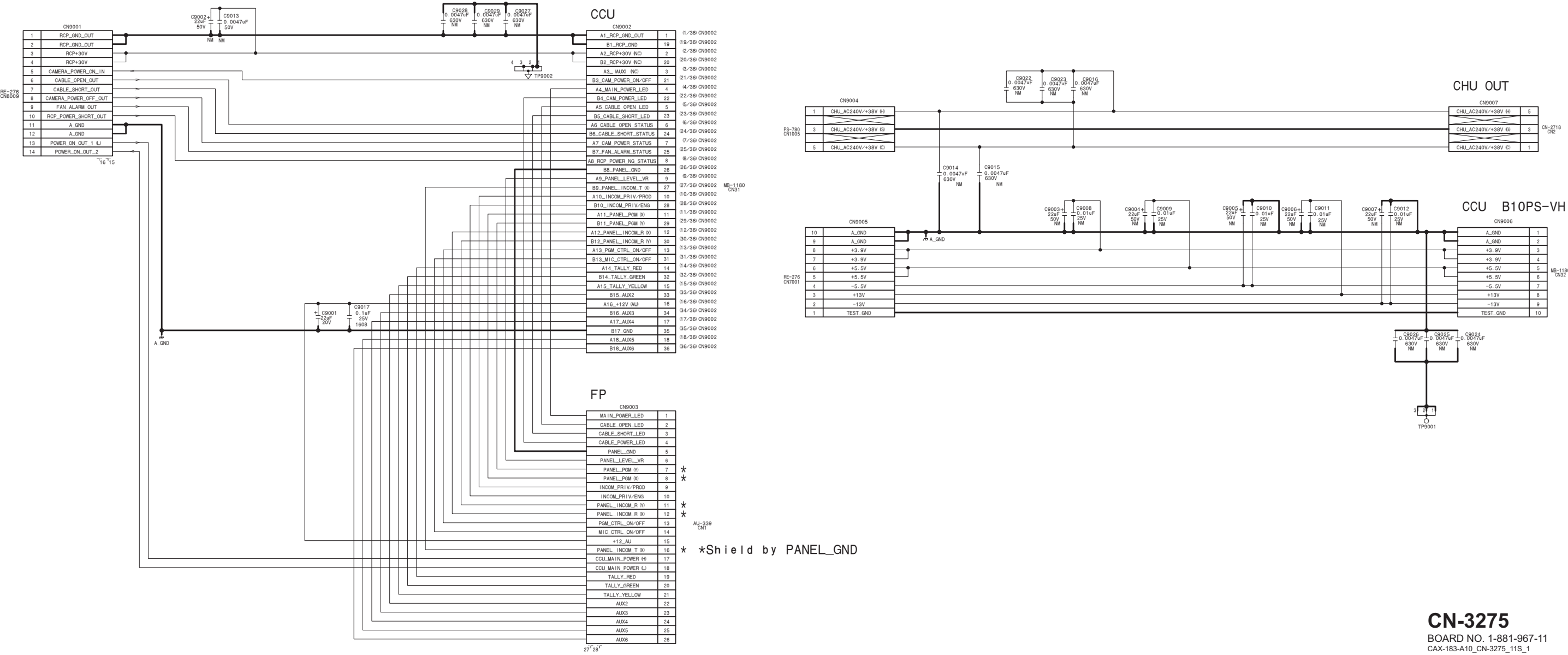
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BOARD No. 1-867-875-11, 31
HDCU1000_CN-2718-011_1

CN-2805G

TRUNK A

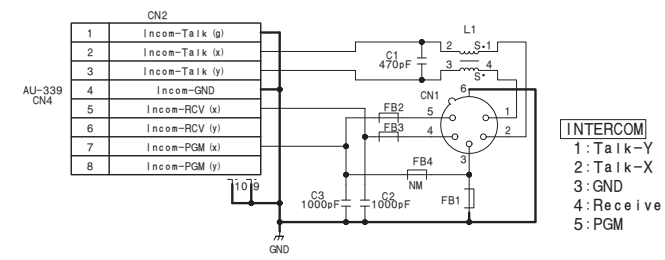


CN-3275



CN-3275
BOARD NO. 1-881-967-11
CAX-183-A10_CN-3275_11S_1

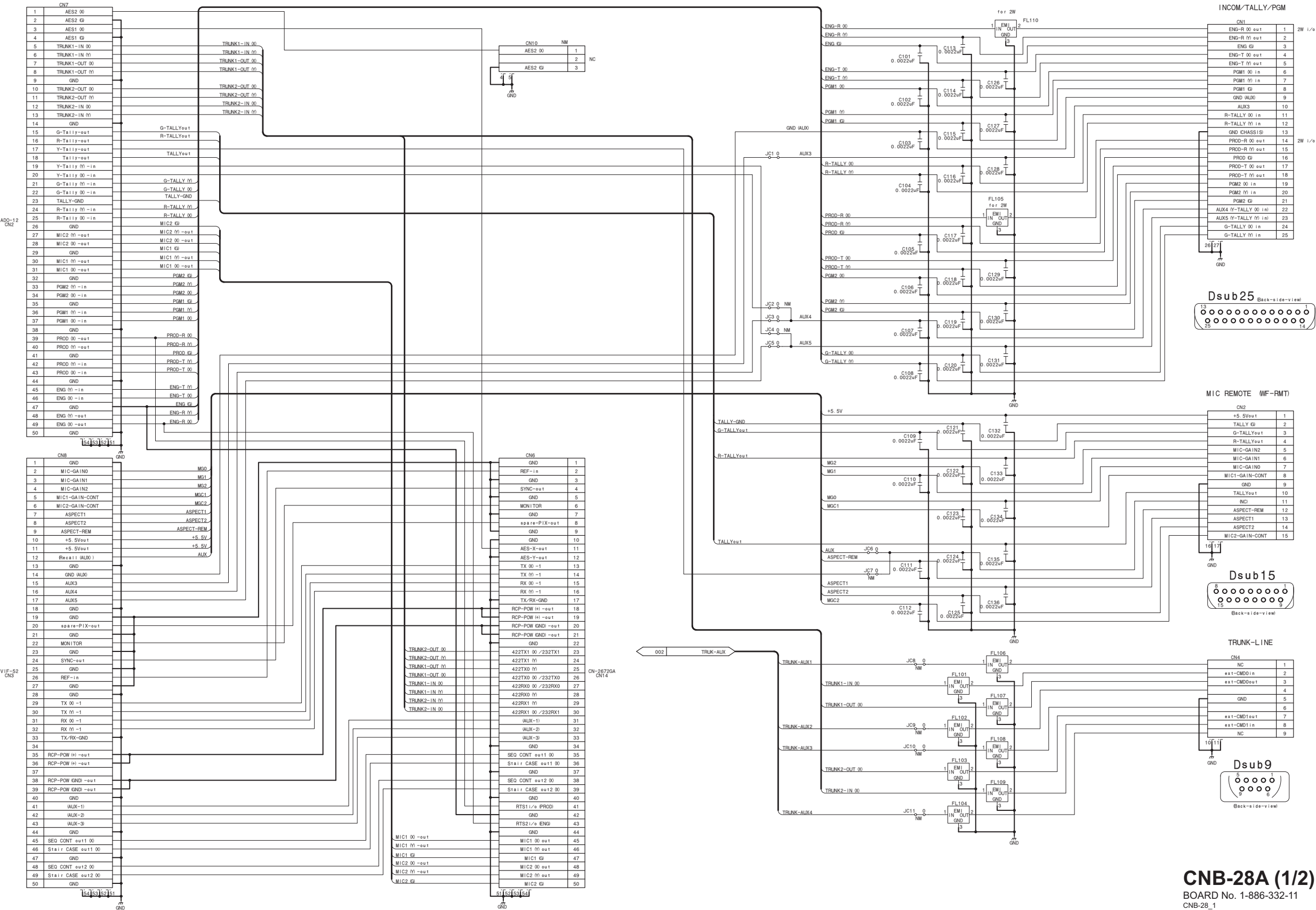
CN-3450



CN-3450

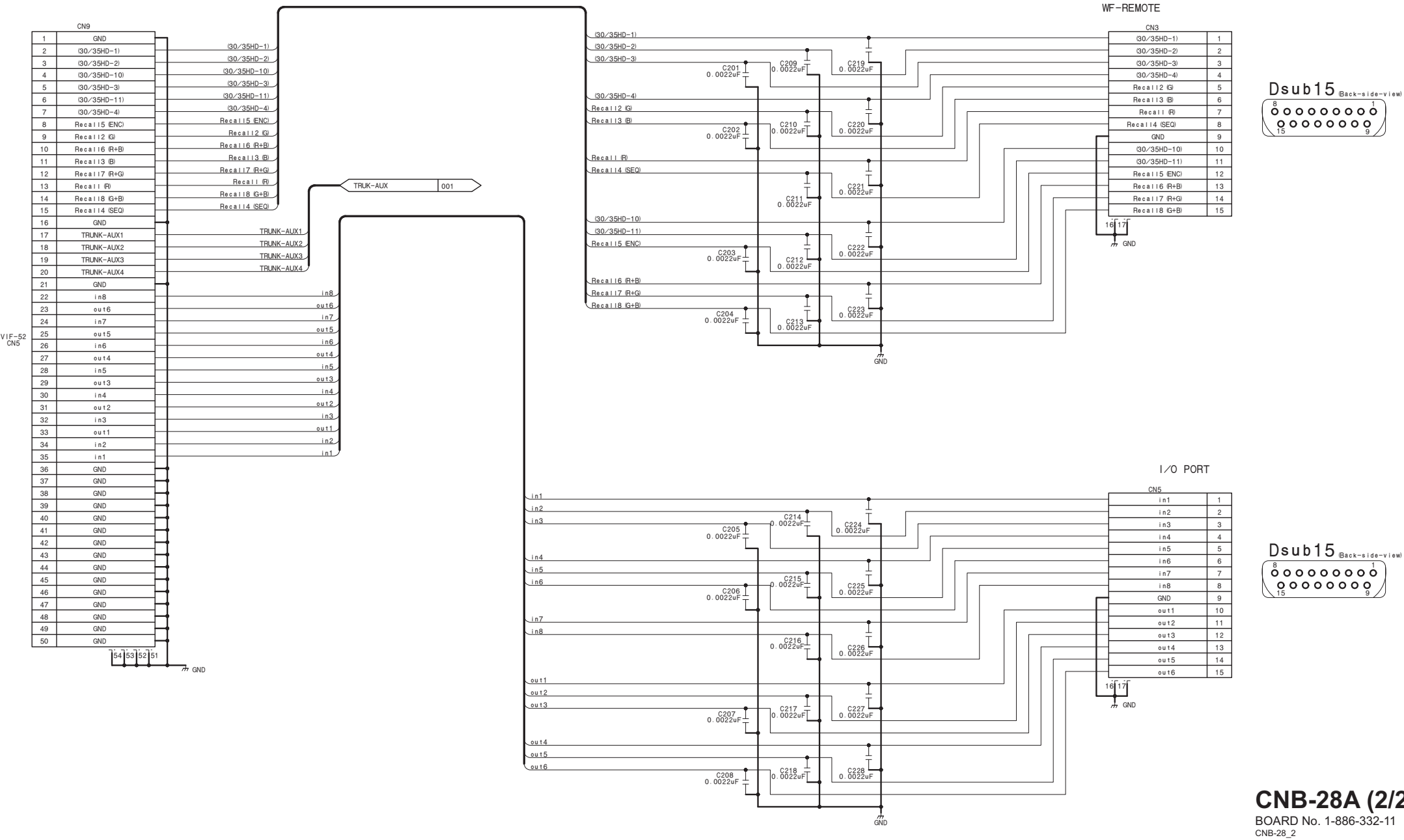
BOARD No. 1-885-973-11
CN-3450_1

CNB-28A
CNB-28A (1/2)

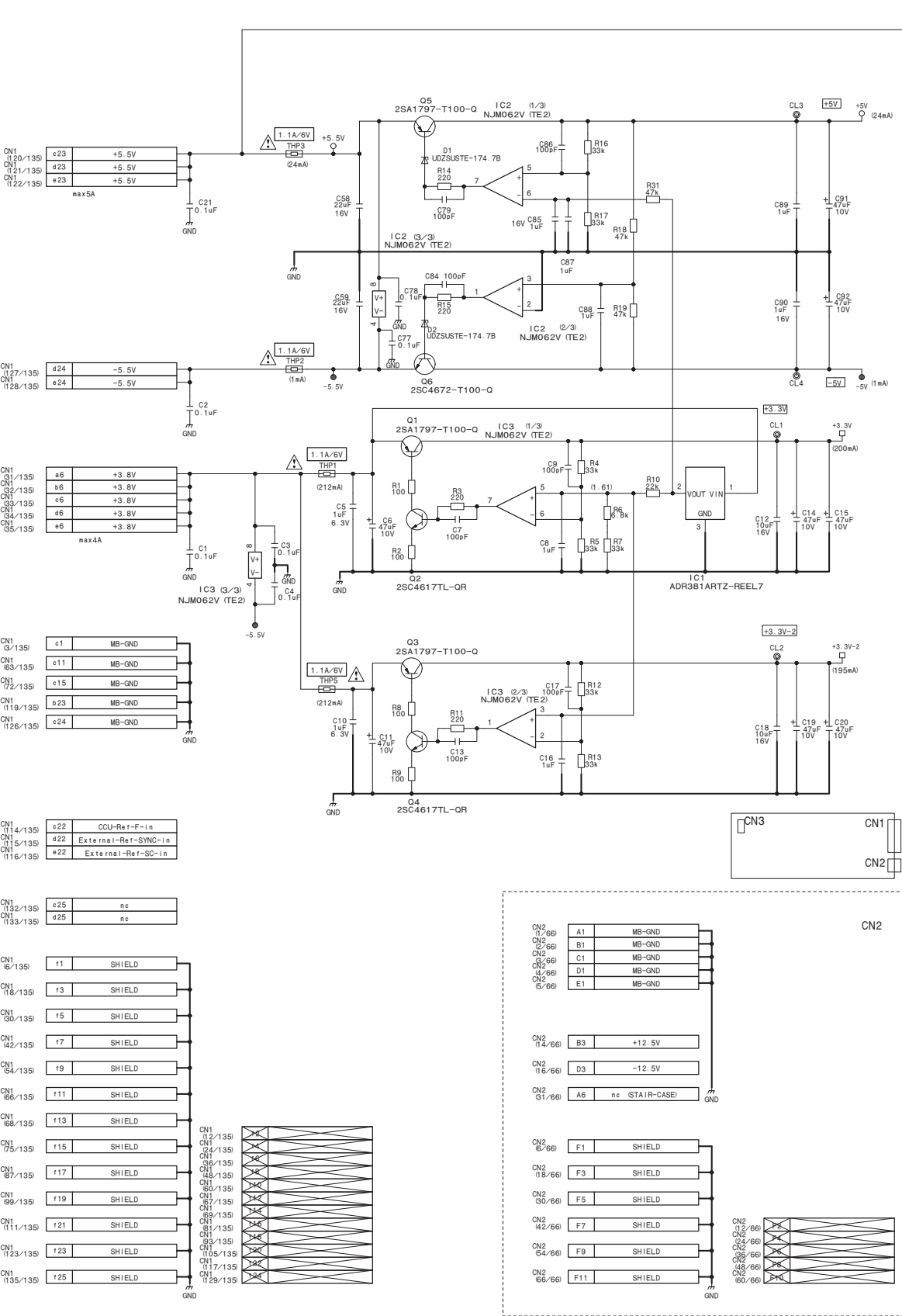


CNB-28A (1/2)
BOARD No. 1-886-332-11
CNB-28_1

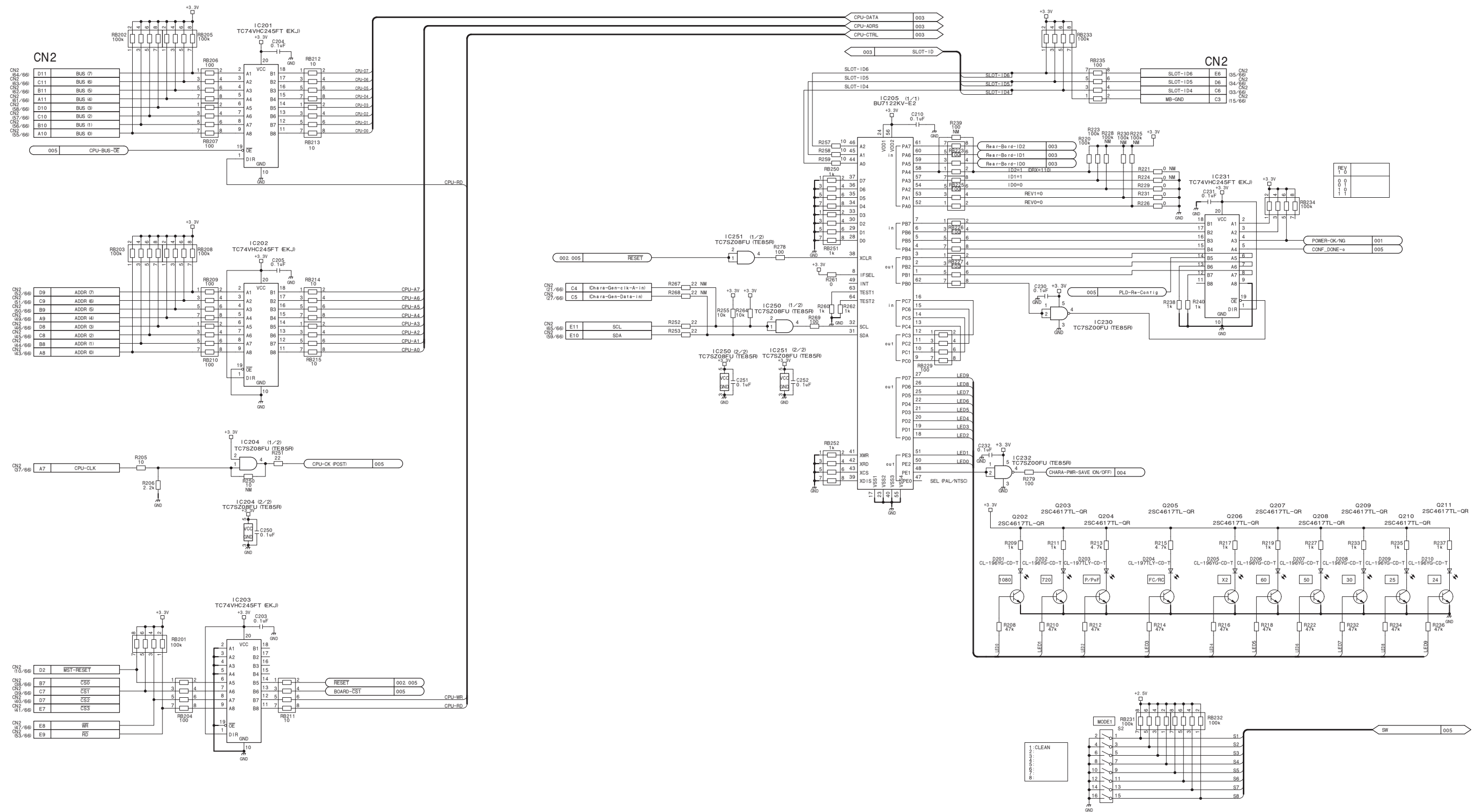
CNB-28A (2/2)



DRX-9
DRX-9 (1/6)

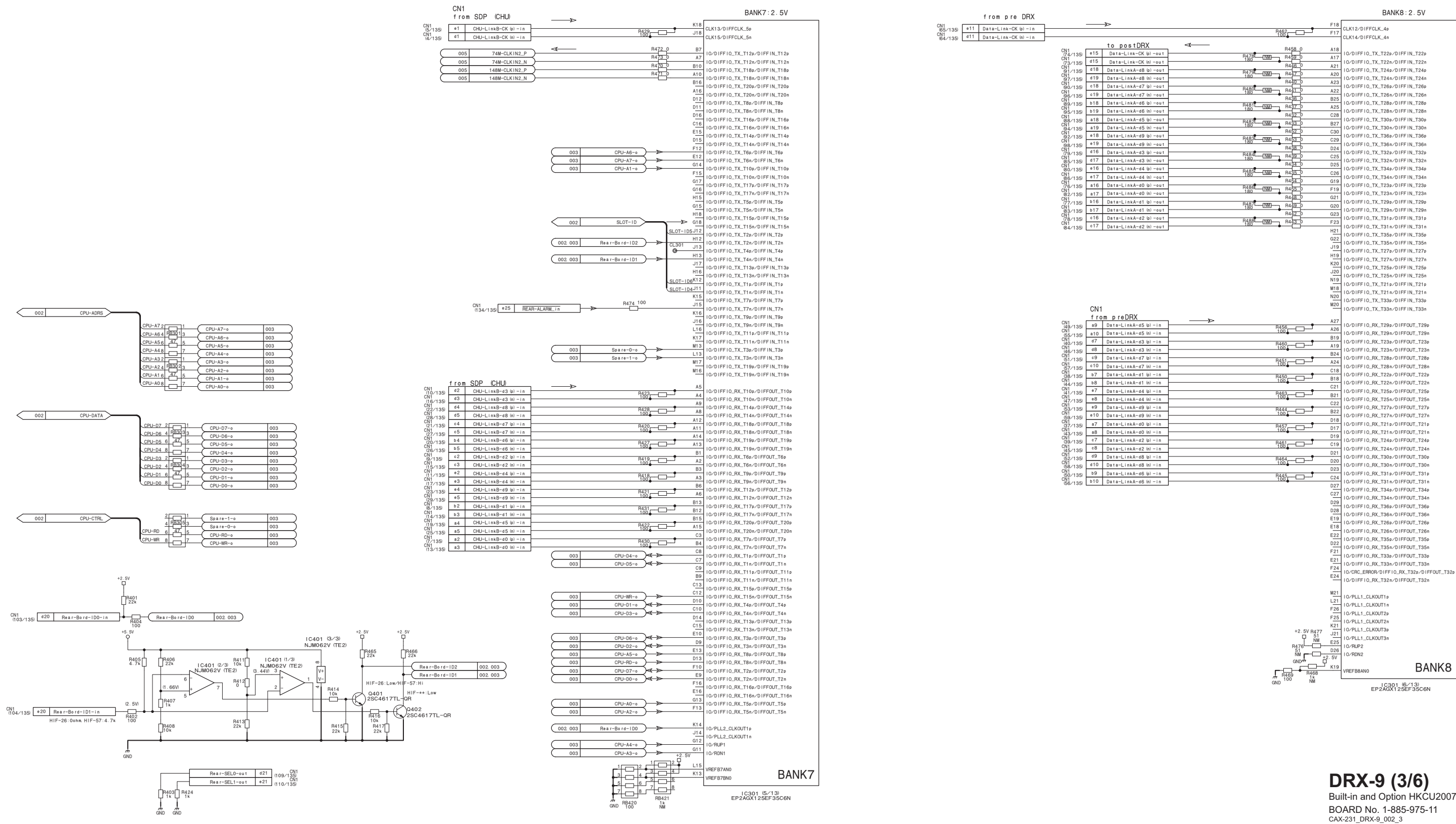


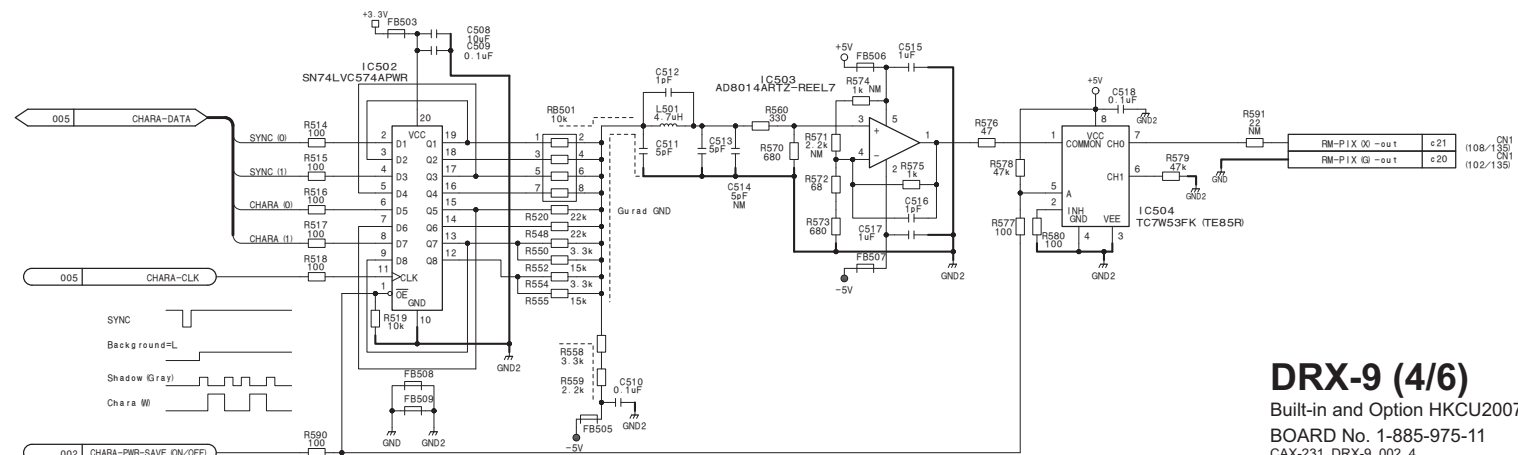
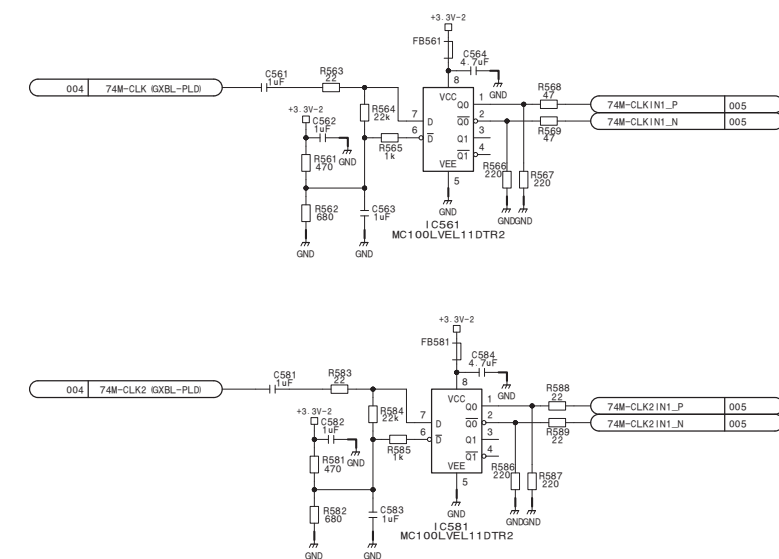
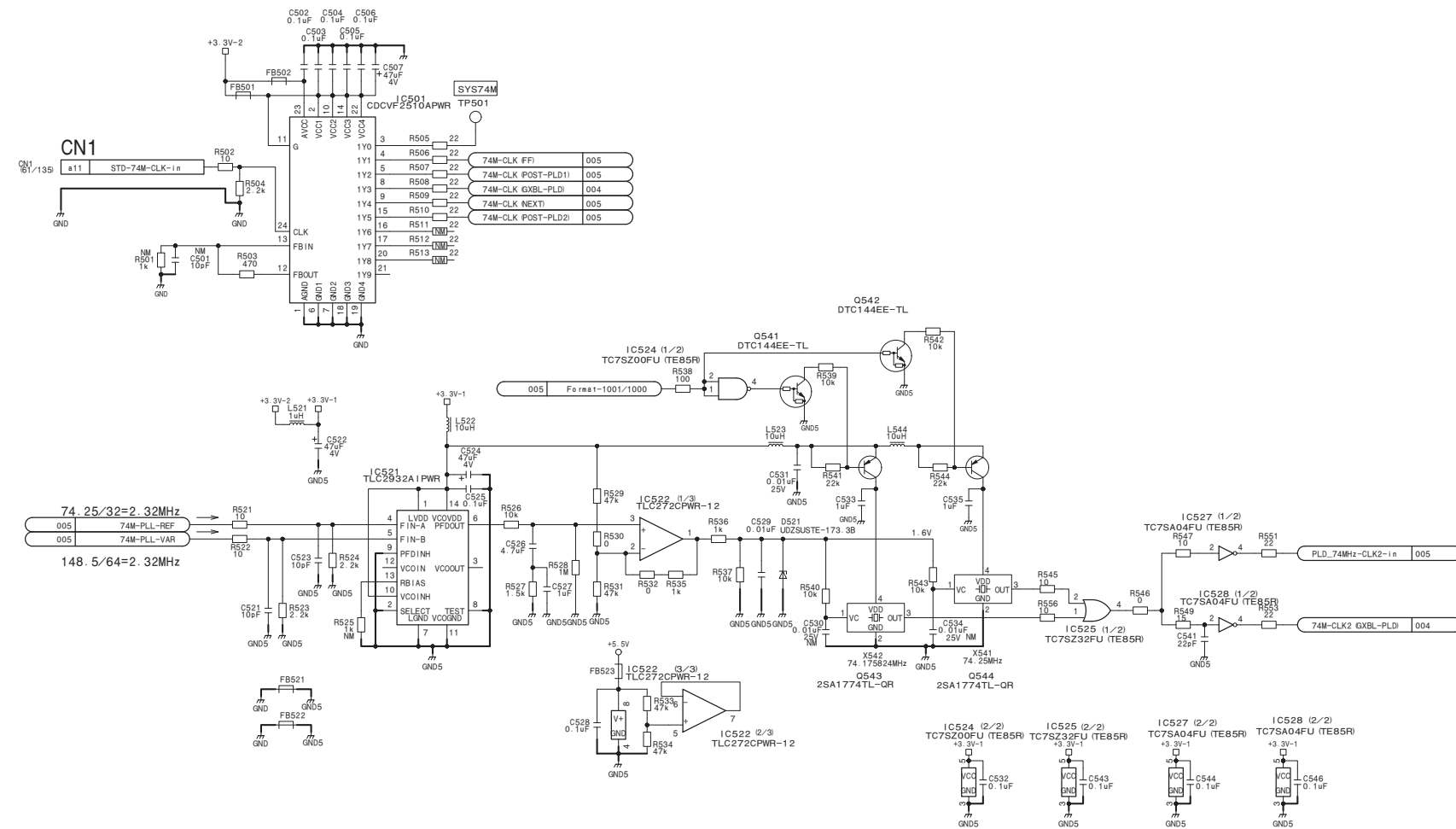
DRX-9 (2/6)



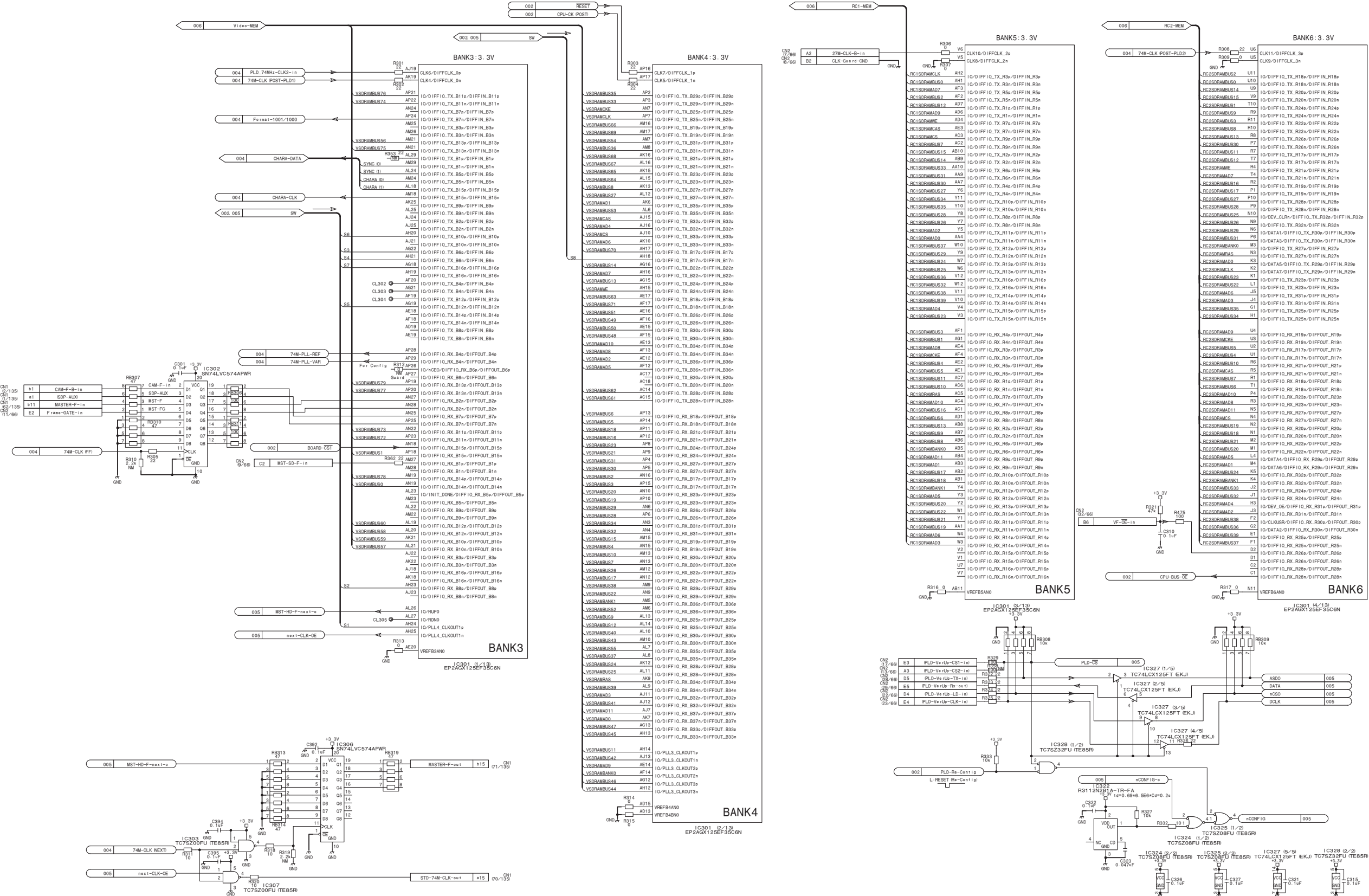
DRX-9 (2/6)

Built-in and Option HKCU2007
BOARD No. 1-885-975-11
CAX-231_DRX-9_002_2

DRX-9 (3/6)

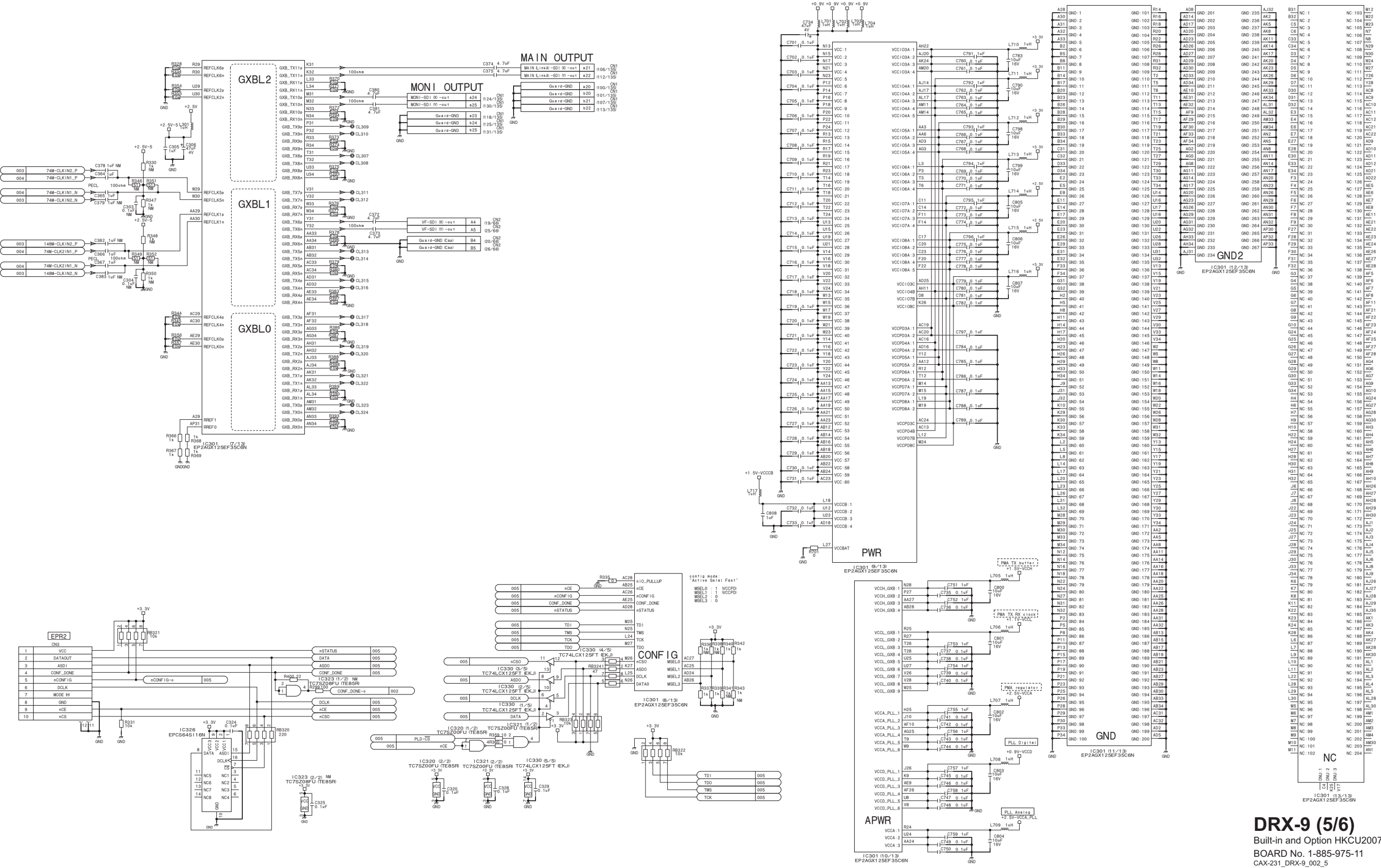
DRX-9 (4/6)

DRX-9 (4/6)
Built-in and Option HKCU2007
BOARD No. 1-885-975-11
CAX-231 DRX-9 002 4



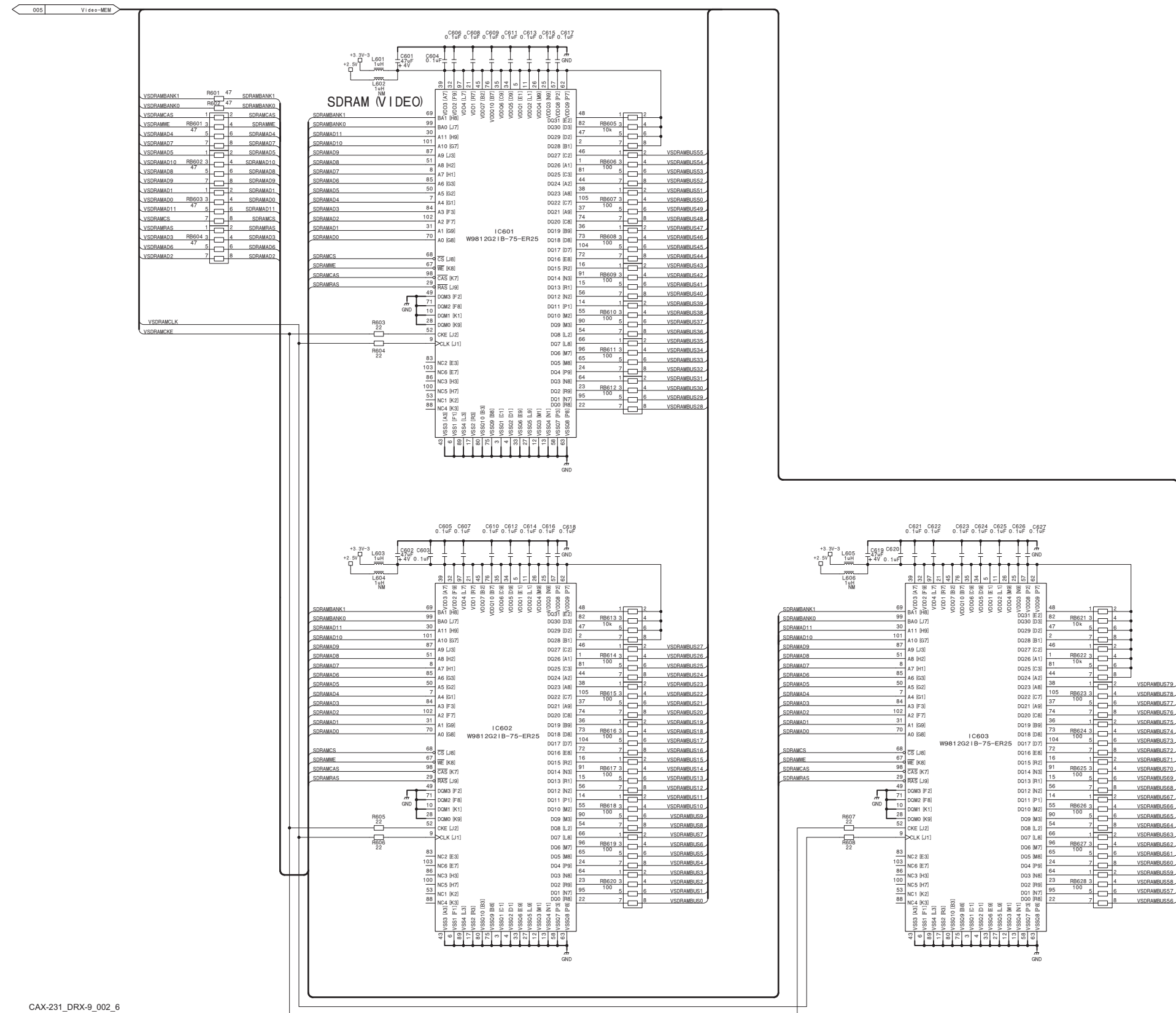
CAX-231_DRX-9_002_5

DRX-9 (5/6)_R

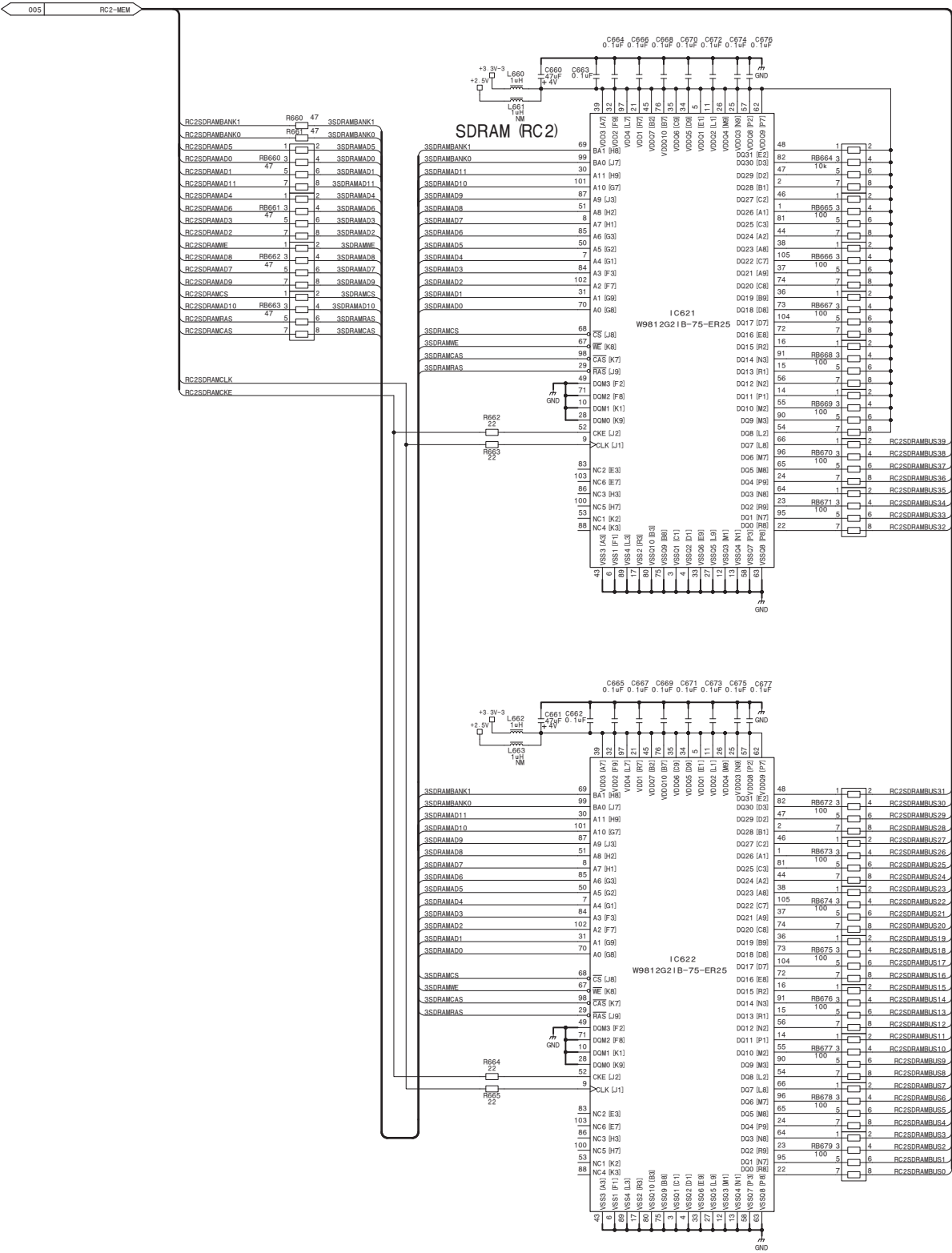
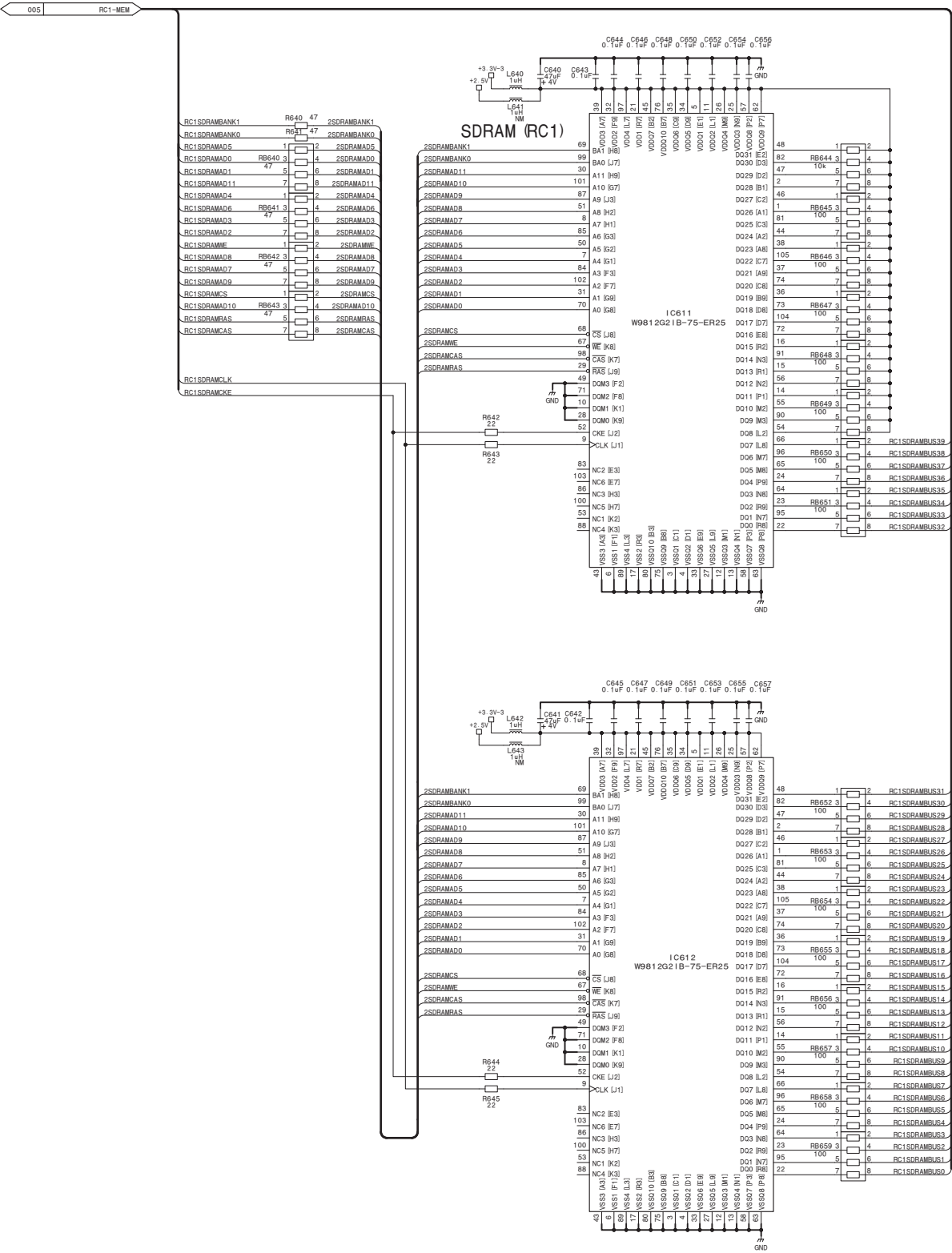


DRX-9 (5/6)
Built-in and Option HKCU2007
BOARD No. 1-885-975-11
CAX-231_DRX-9_002_5

DRX-9 (6/6)_L

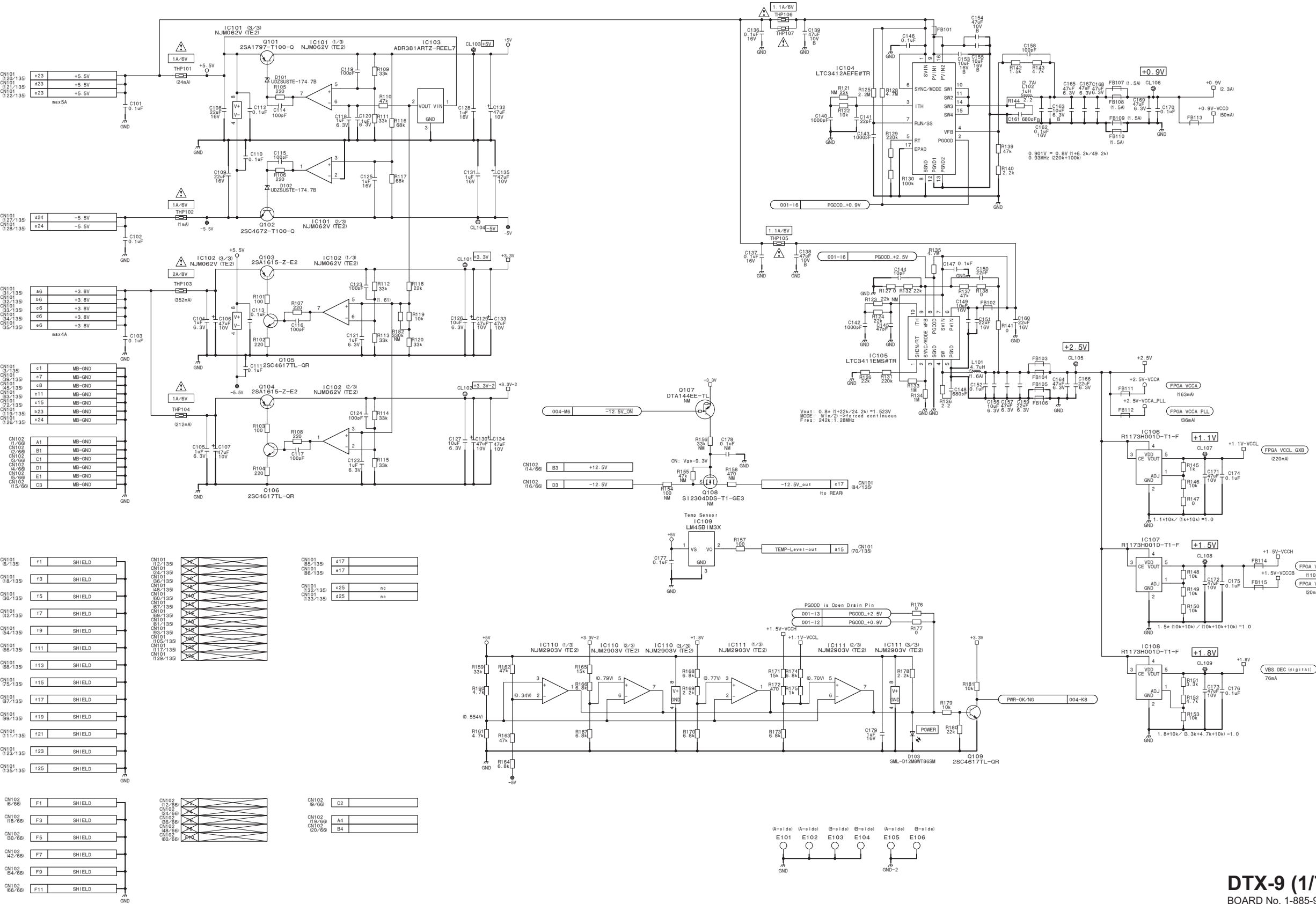


DRX-9 (6/6)_R



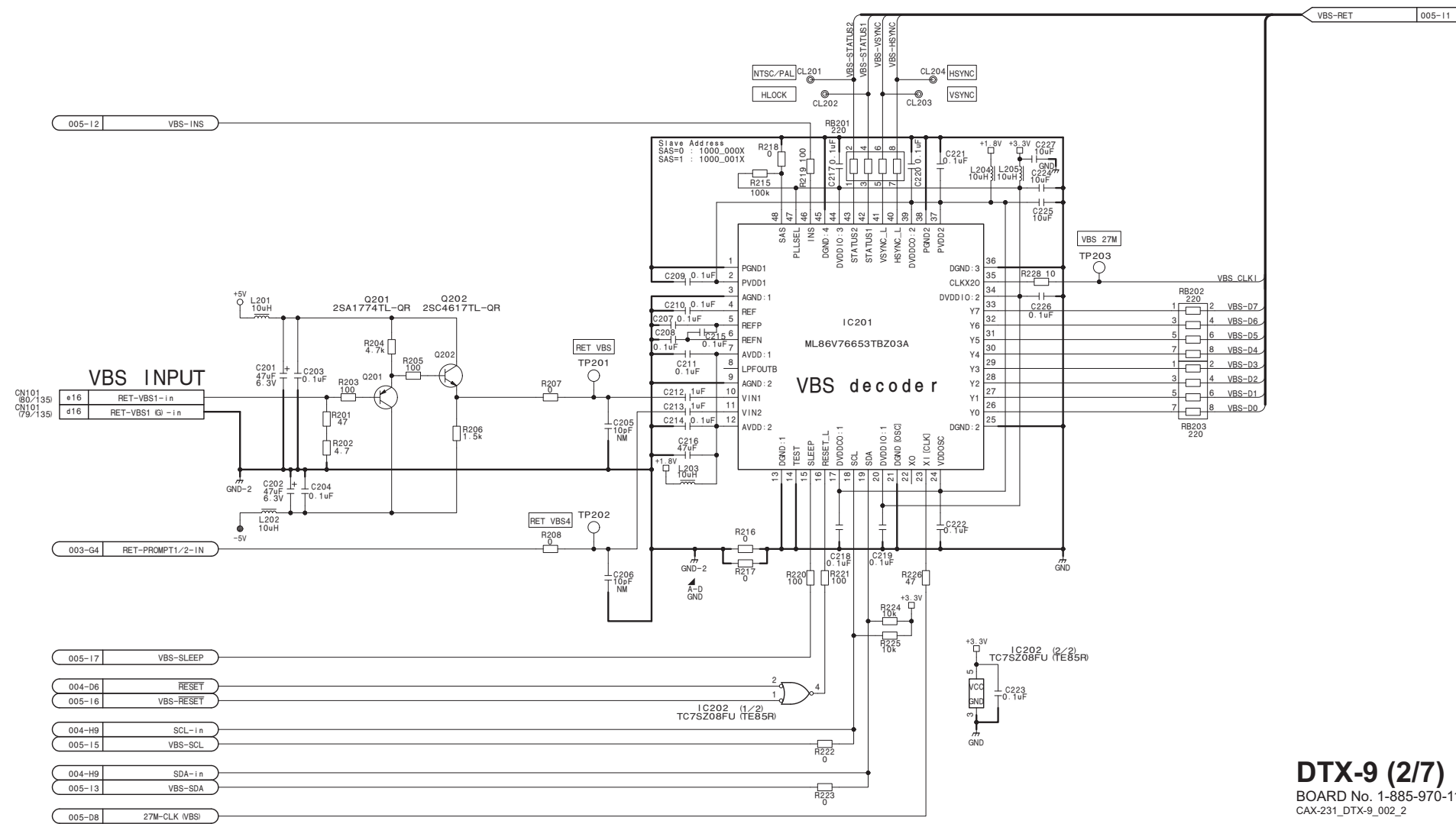
DRX-9 (6/6)
Built-in and Option HKUC2007
BOARD No. 1-885-975-11
CAX-231_DRX-9_002_6

DTX-9
DTX-9 (1/7)



DTX-9 (1/7)
BOARD No. 1-885-970-11
CAX-231_DTX-9_002_1

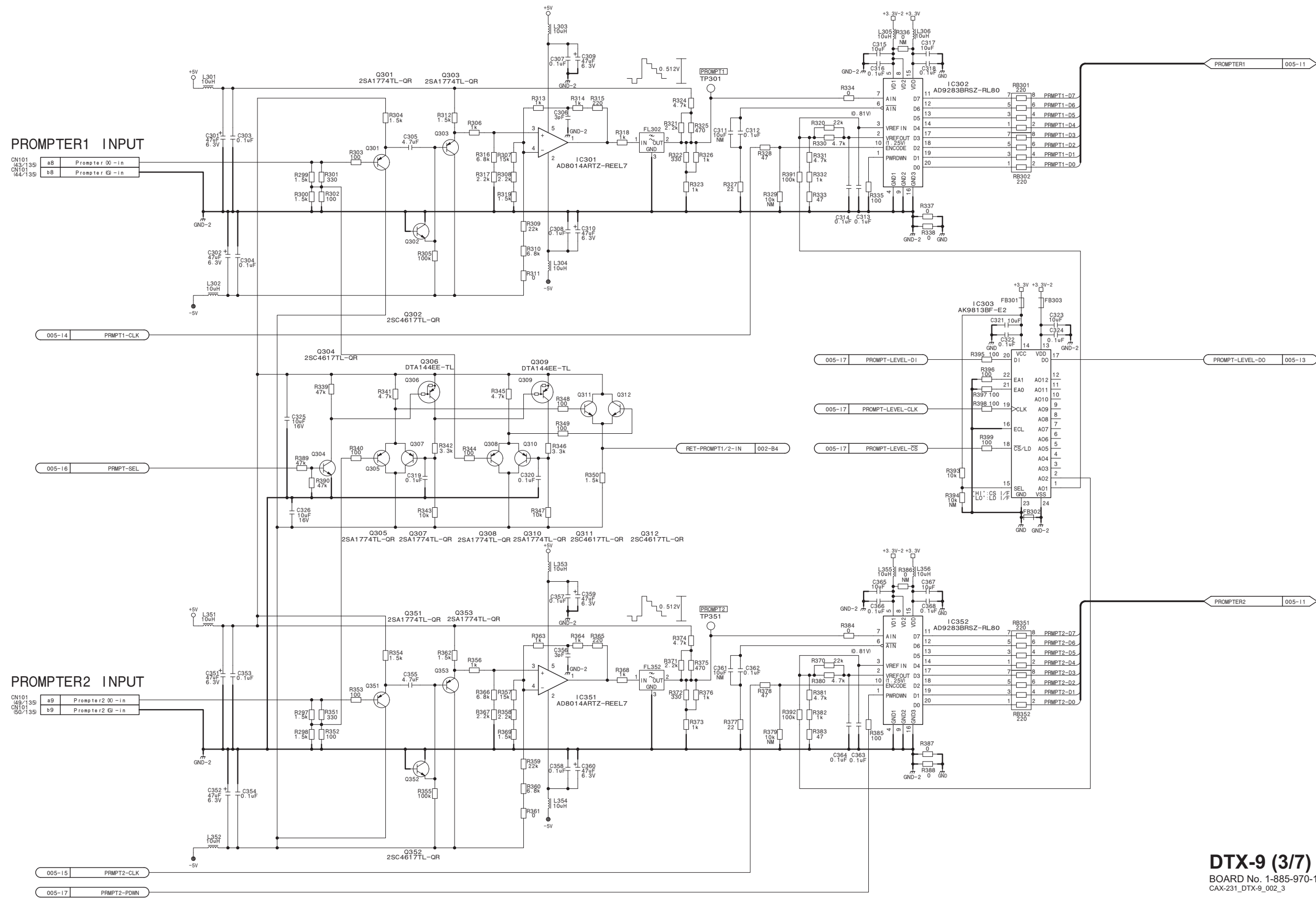
DTX-9 (2/7)



DTX-9 (2/7)

BOARD No. 1-885-970-11
CAX-231_DTX-9_002_2

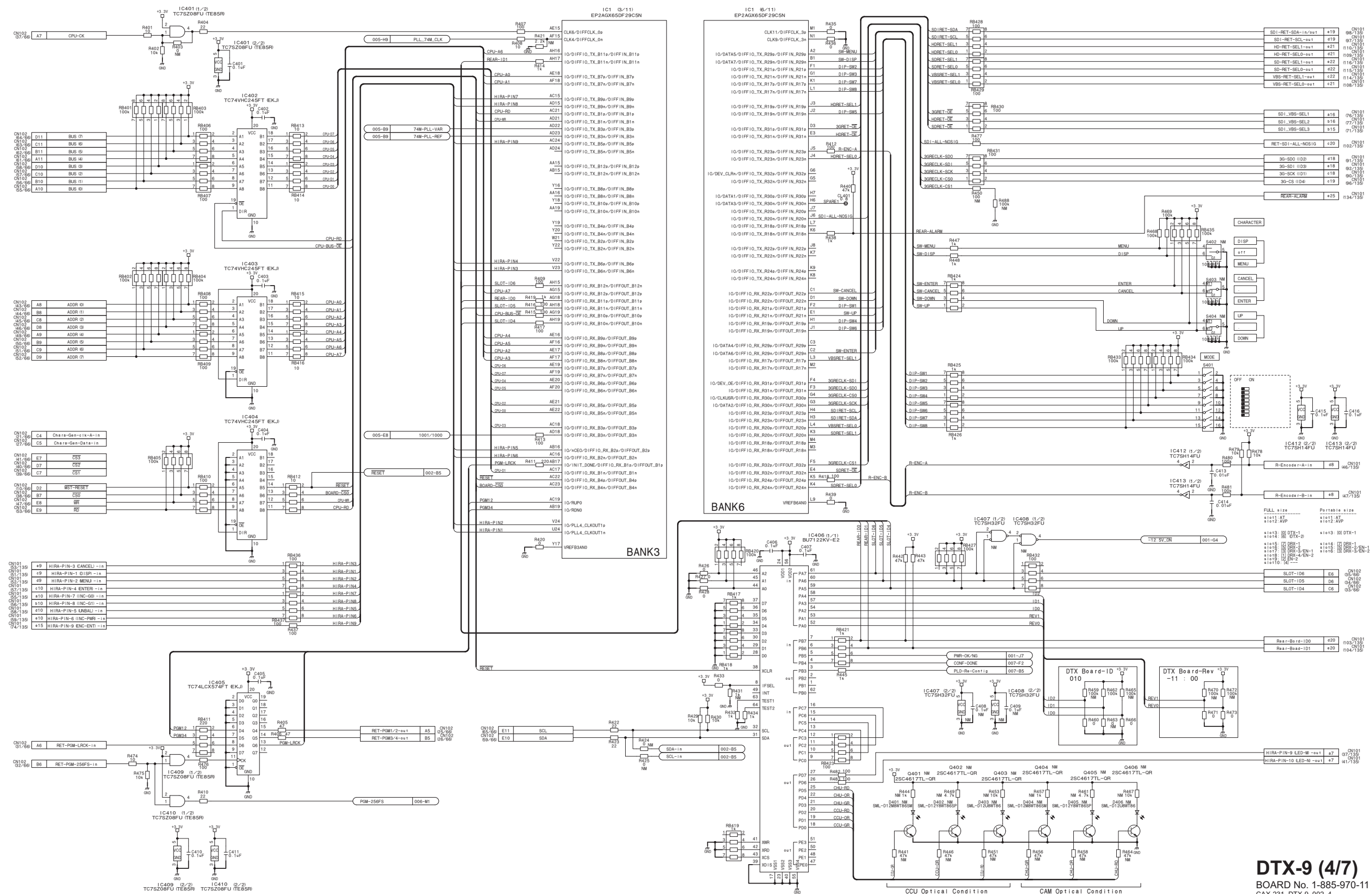
DTX-9 (3/7)



DTX-9 (3/7)

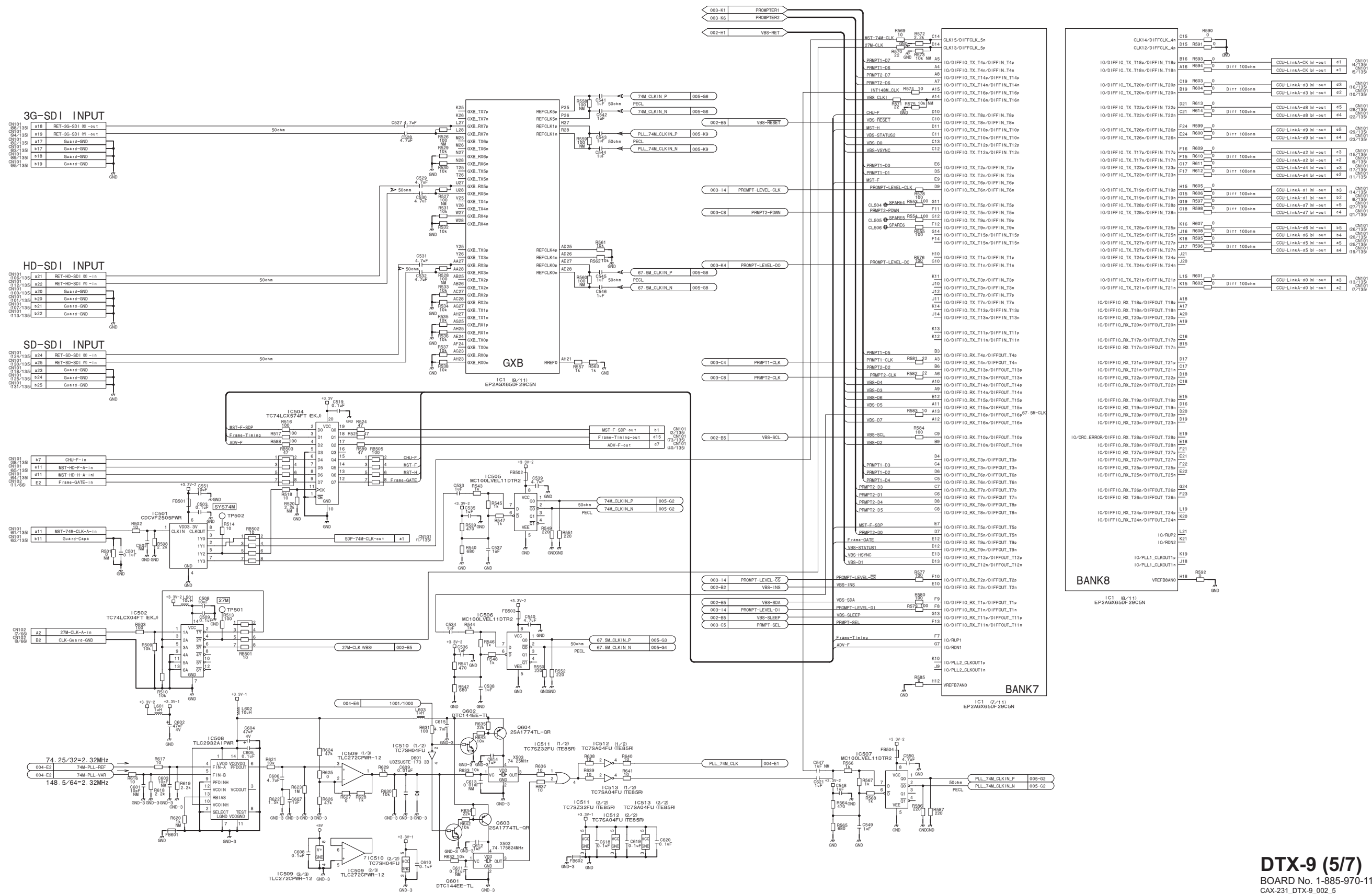
BOARD No. 1-885-970-11
CAX-231_DTX-9_002_3

DTX-9 (4/7)

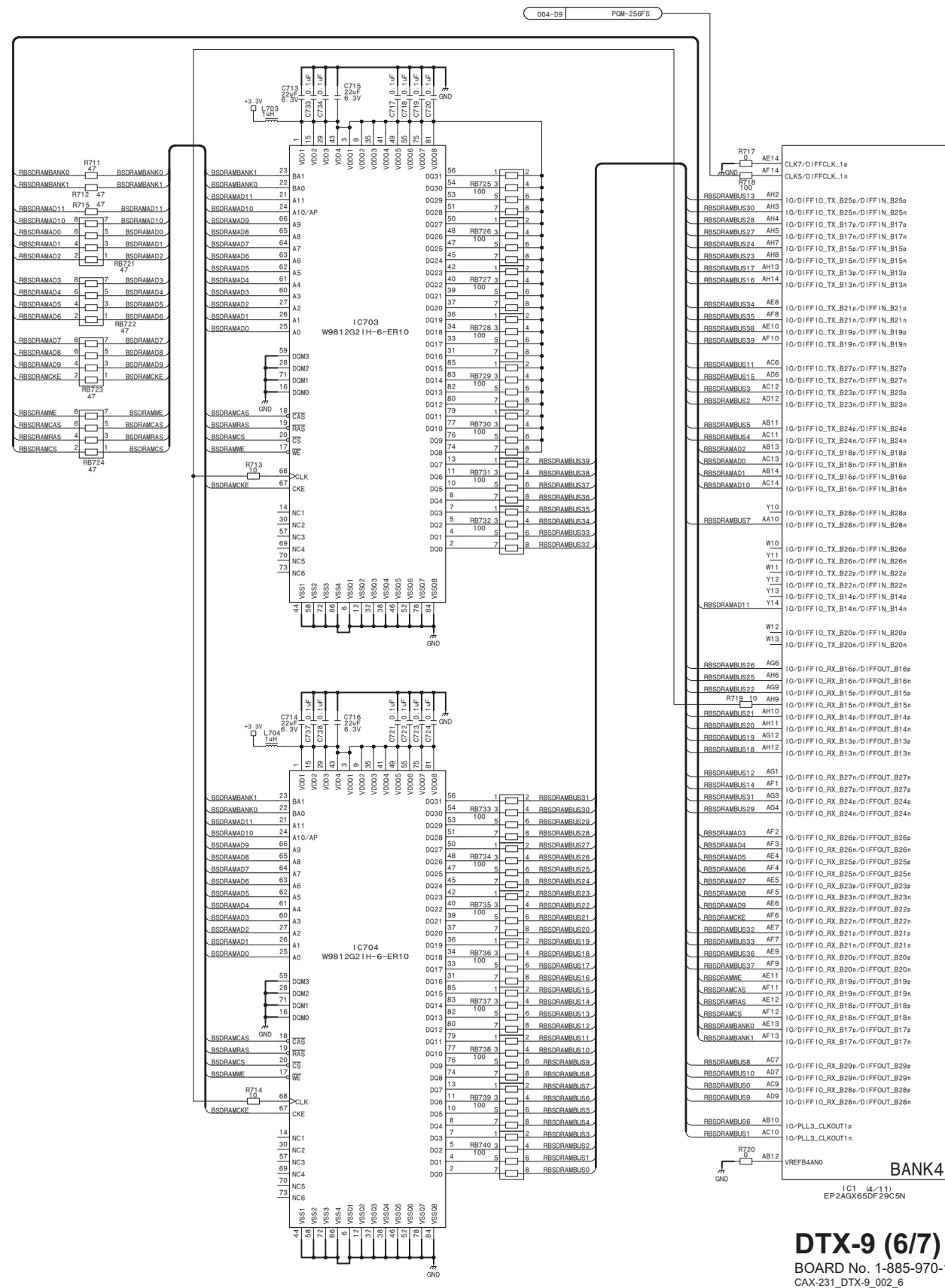
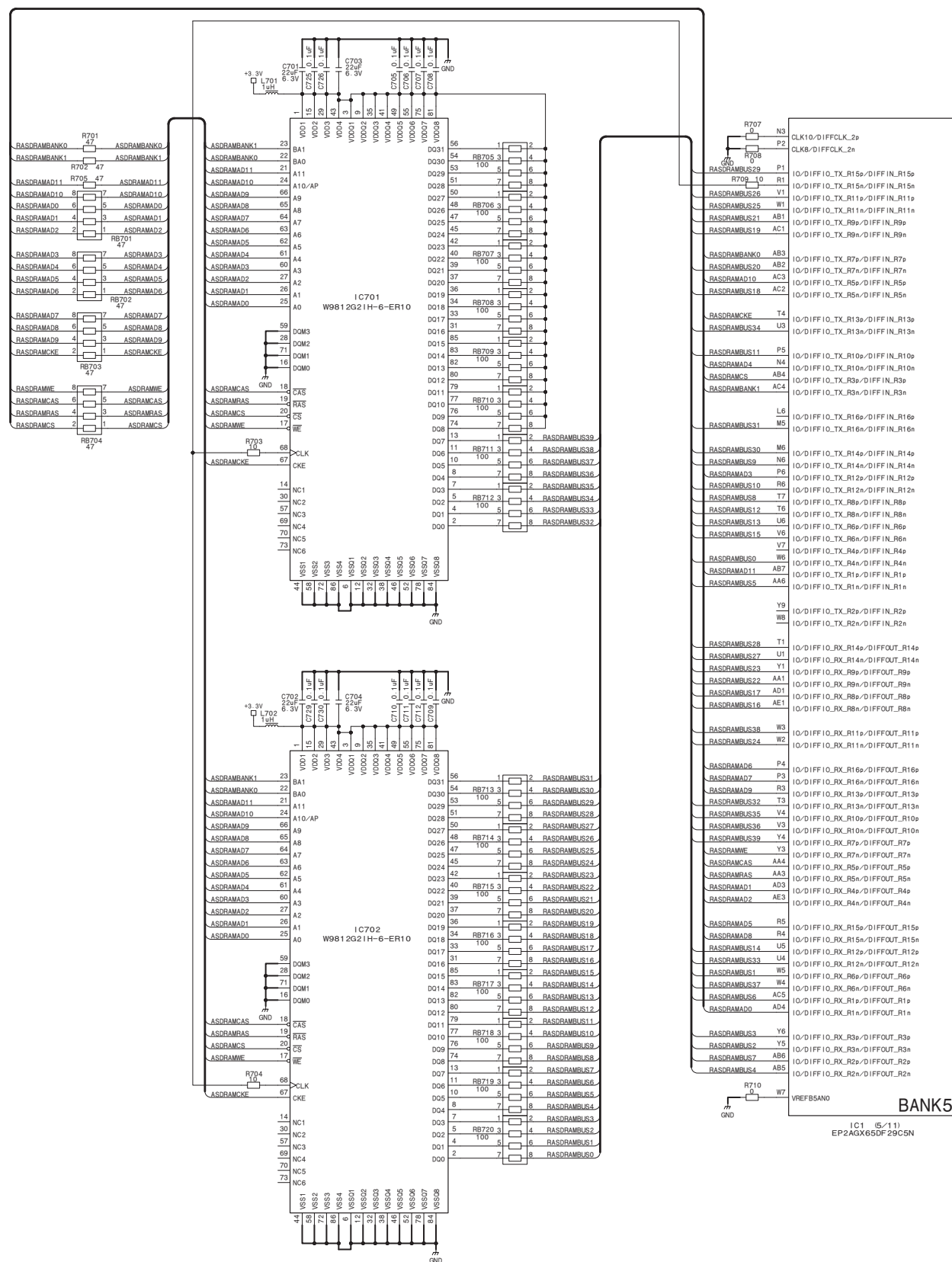


DTX-9 (4/7)
BOARD No. 1-885-970-11
CAX-231 DTX-9 002 4

DTX-9 (5/7)

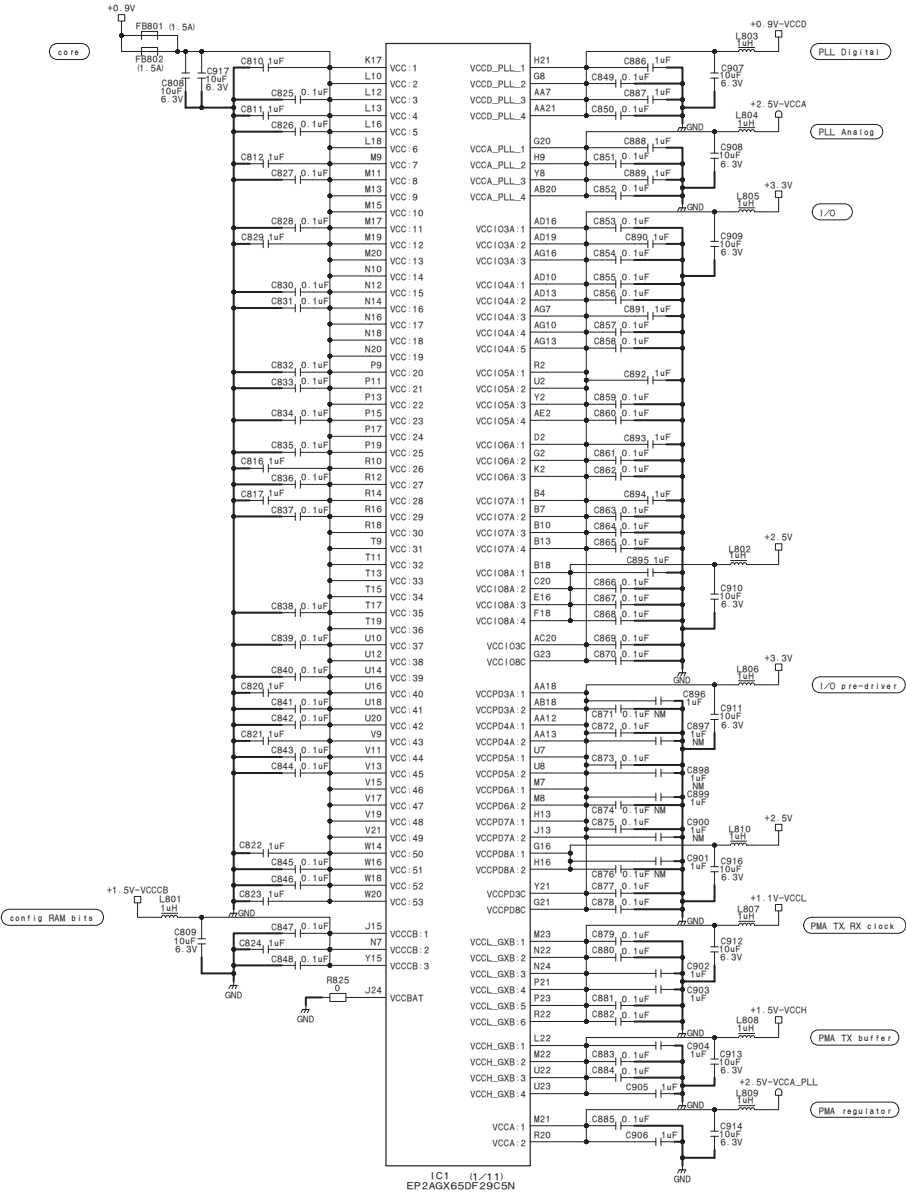
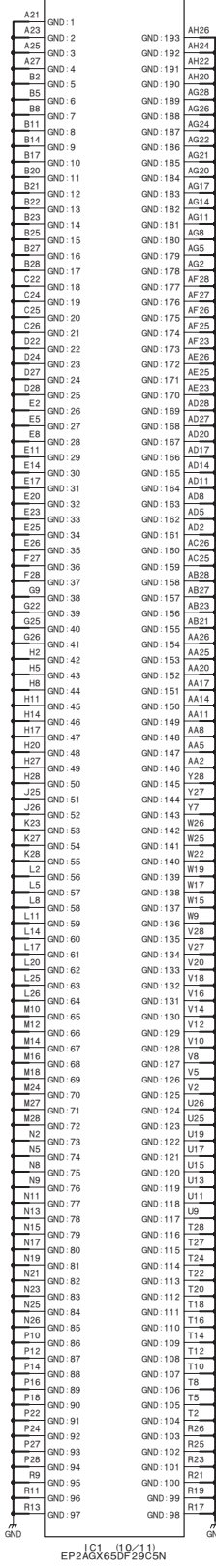
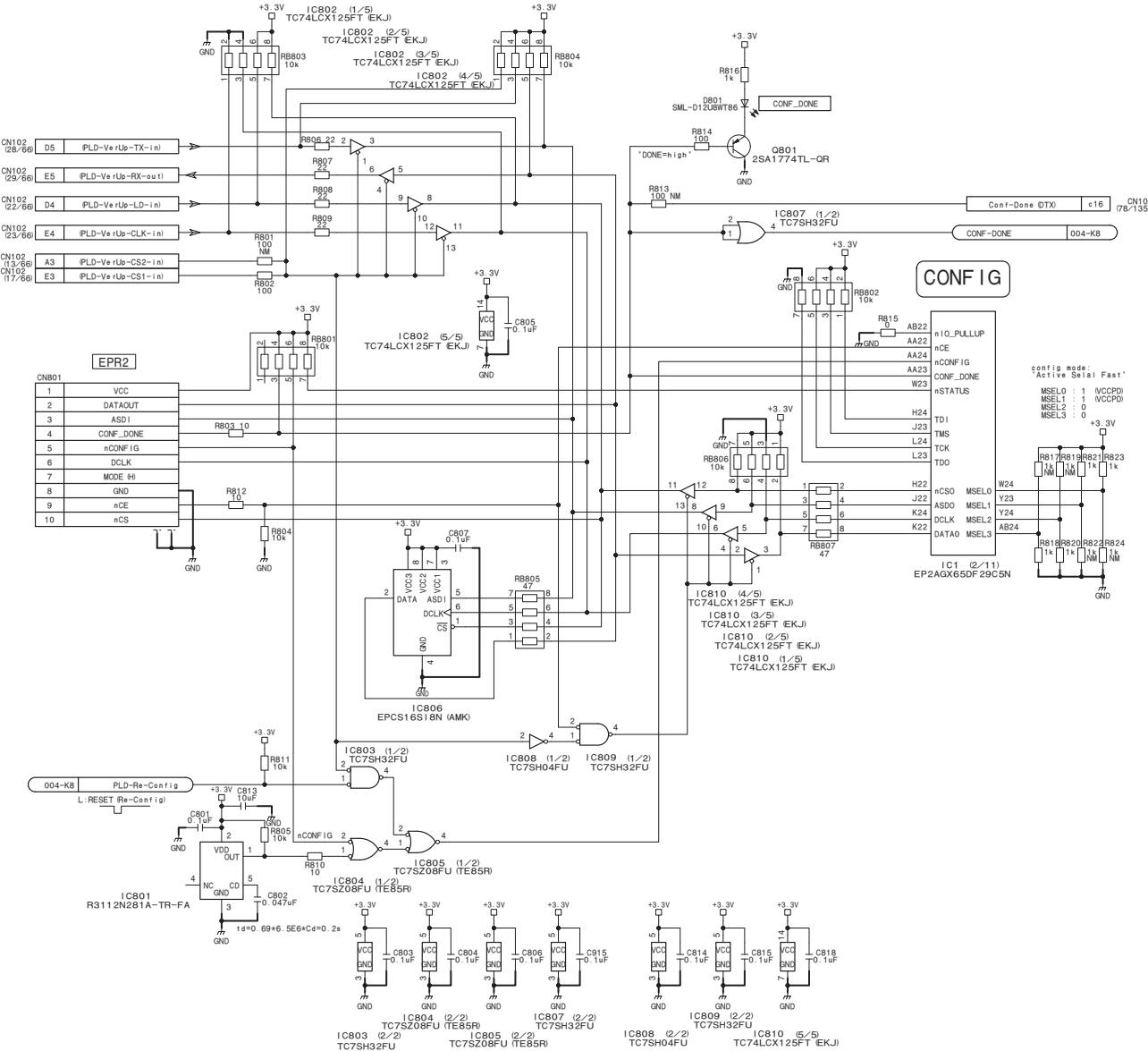


DTX-9 (6/7)



DTX-9 (6/7)
BOARD No. 1-885-970-11
CAX-231 DTX-9 002 6

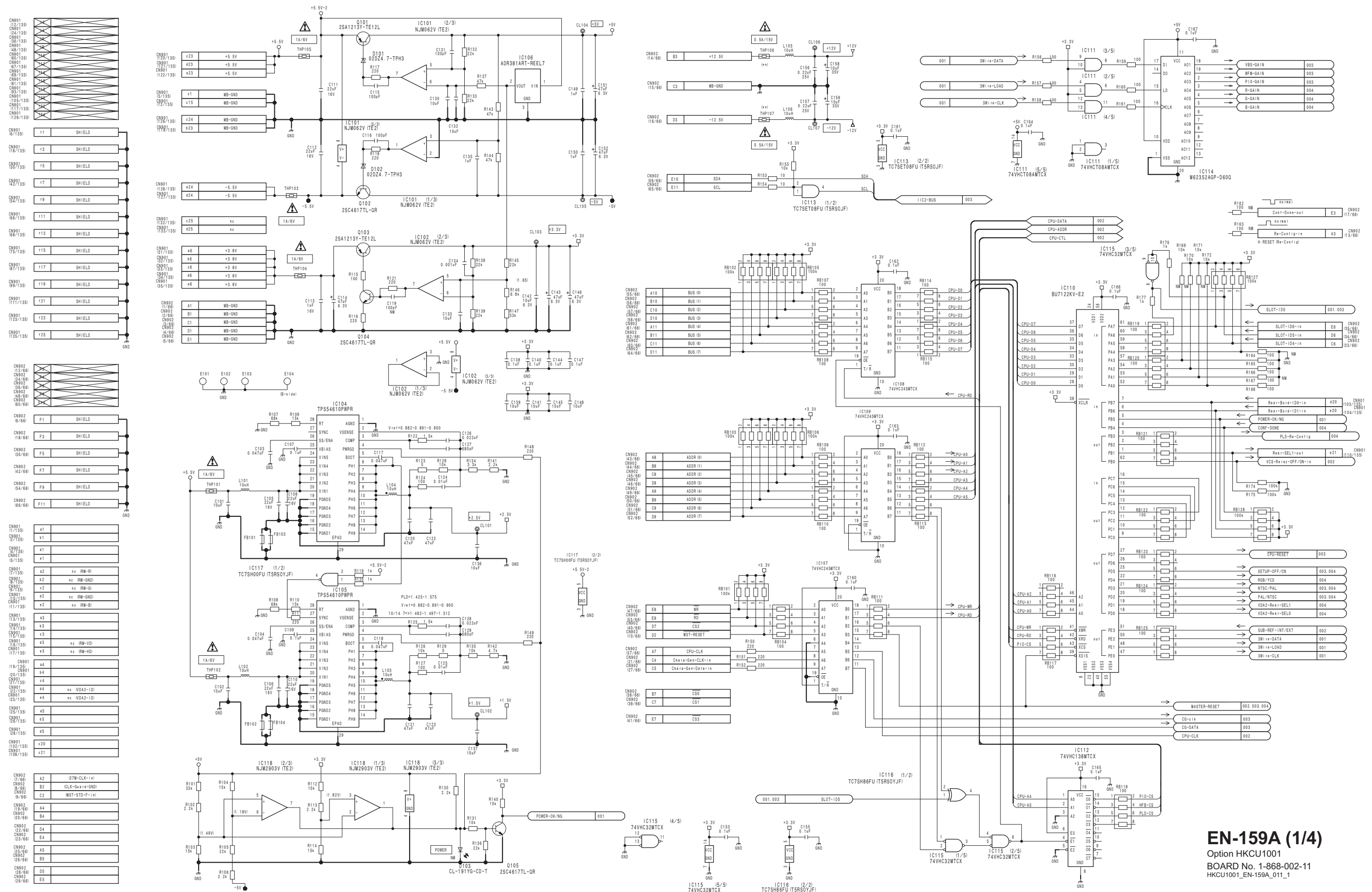
DTX-9 (7/7)



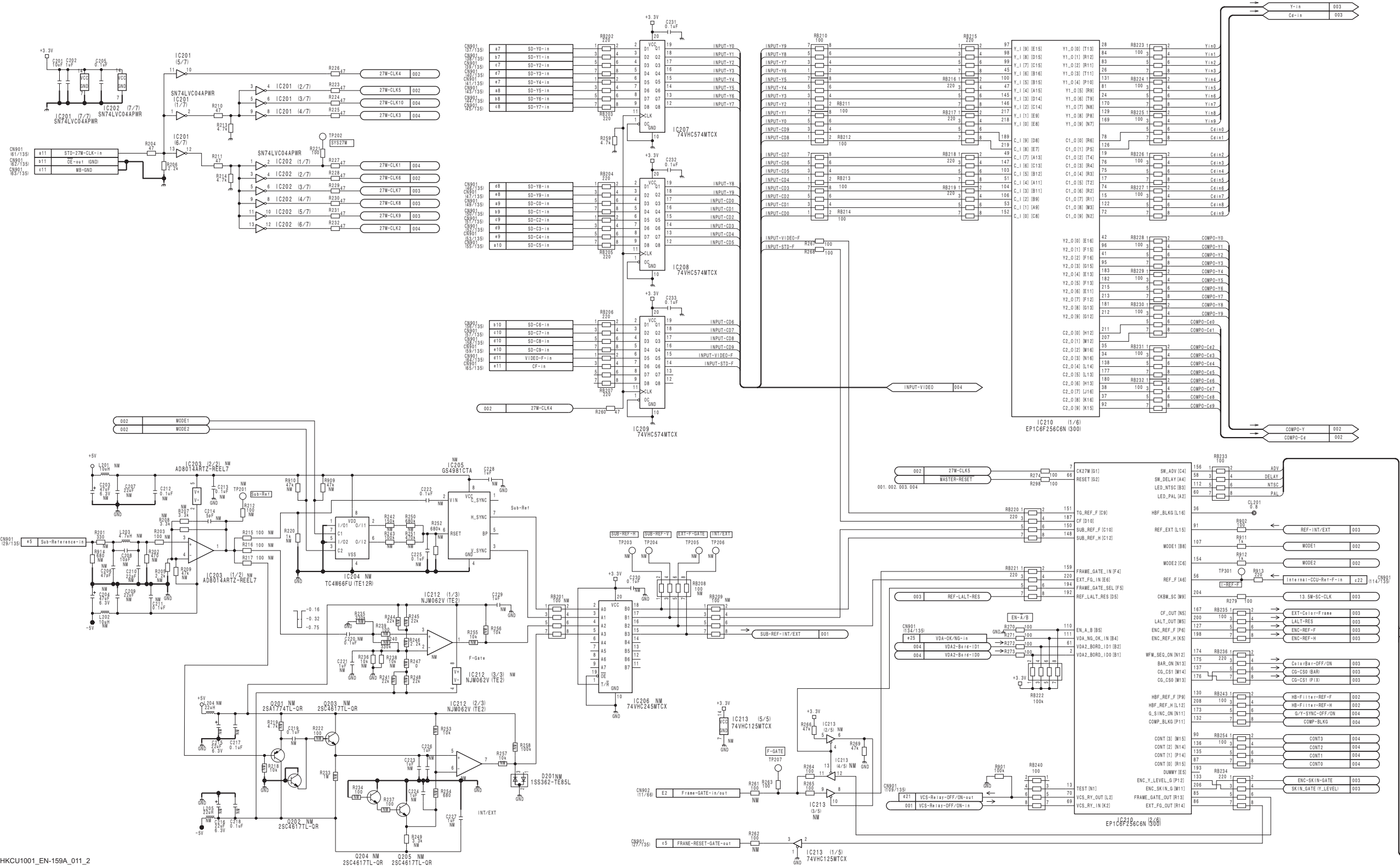
A22	NC: 1	NC: 40	AF22
A24	NC: 2	NC: 39	AF21
A26	NC: 3	NC: 38	AC8
B24	NC: 4	NC: 37	AB9
B26	NC: 5	NC: 36	AB8
C23	NC: 6	NC: 35	AA9
C27	NC: 7	NC: 34	U21
C28	NC: 8	NC: 33	T23
D23	NC: 9	NC: 32	T21
D25	NC: 10	NC: 31	R24
D26	NC: 11	NC: 30	R6
E27	NC: 12	NC: 29	R7
E28	NC: 13	NC: 28	P20
F19	NC: 14	NC: 27	P8
F20	NC: 15	NC: 26	P7
F25	NC: 16	NC: 25	J28
F26	NC: 17	NC: 24	J27
G27	NC: 18	NC: 23	J19
G28	NC: 19	NC: 22	H26
H19	NC: 20	NC: 21	H25

DTX-9 (7/7)
BOARD No. 1-885-970-11
CAK-231_DTX-9_002_7

EN-159A
EN-159A (1/4)

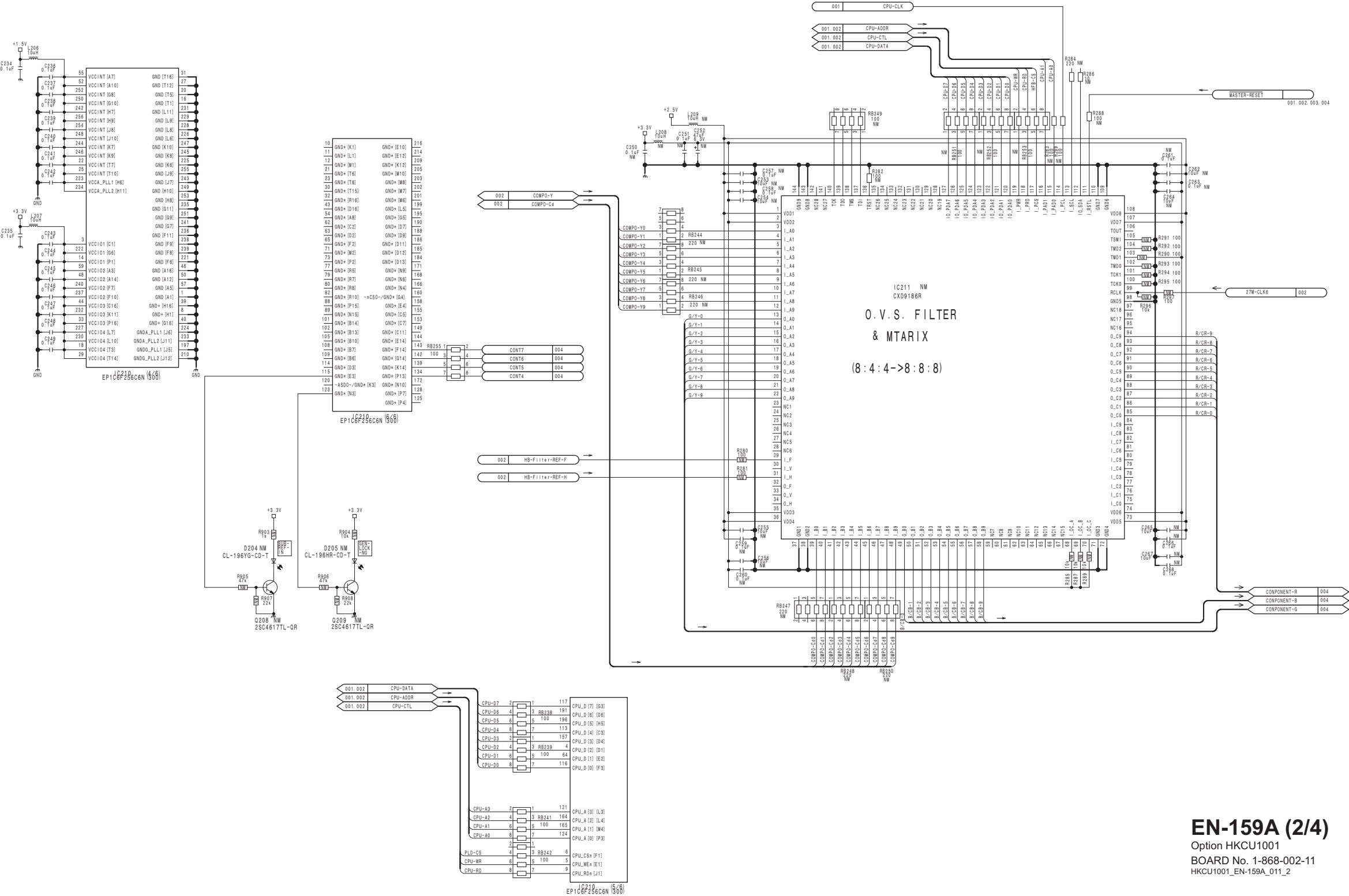


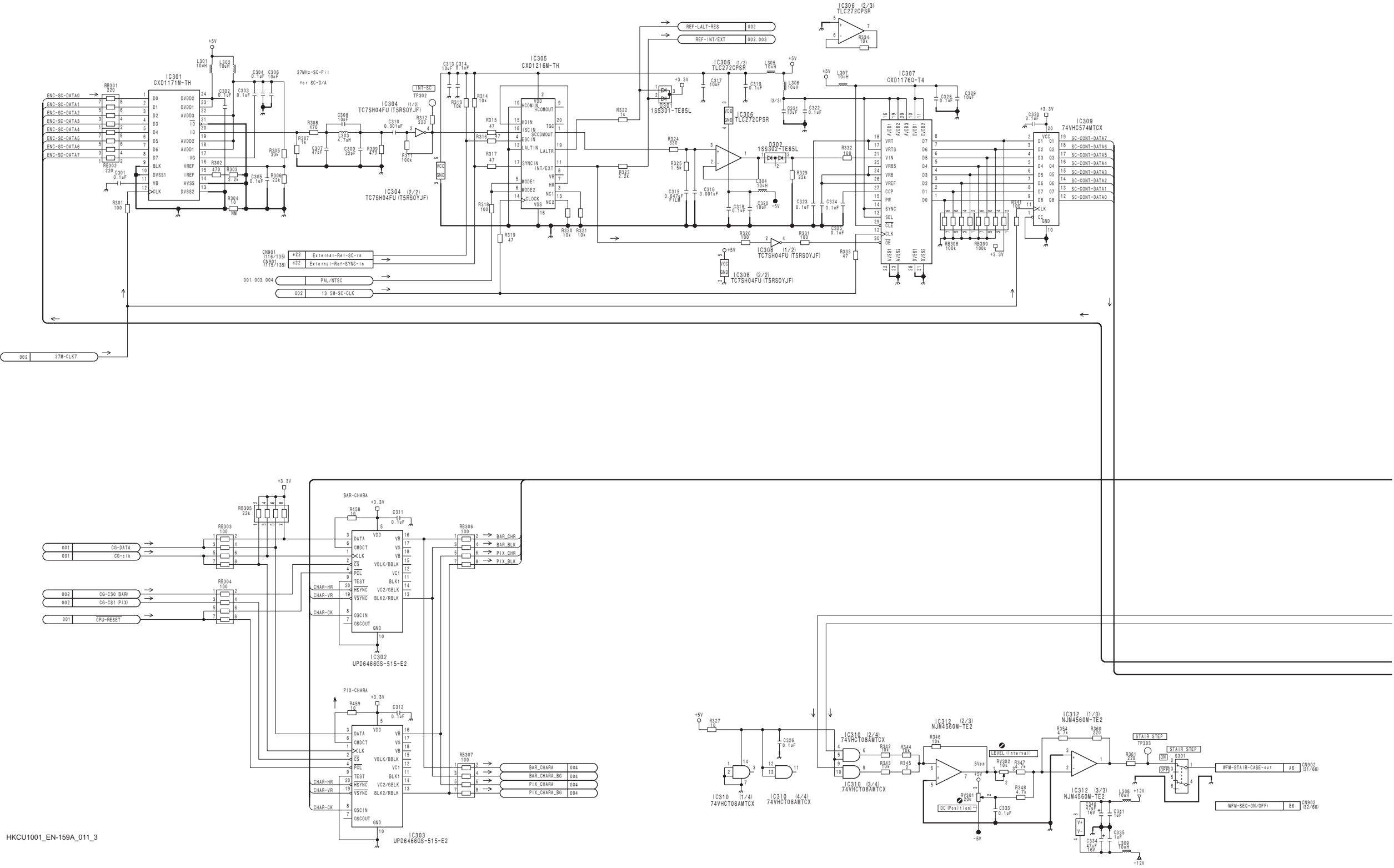
EN-159A (2/4)_L



HKCU1001_EN-159A_011_2

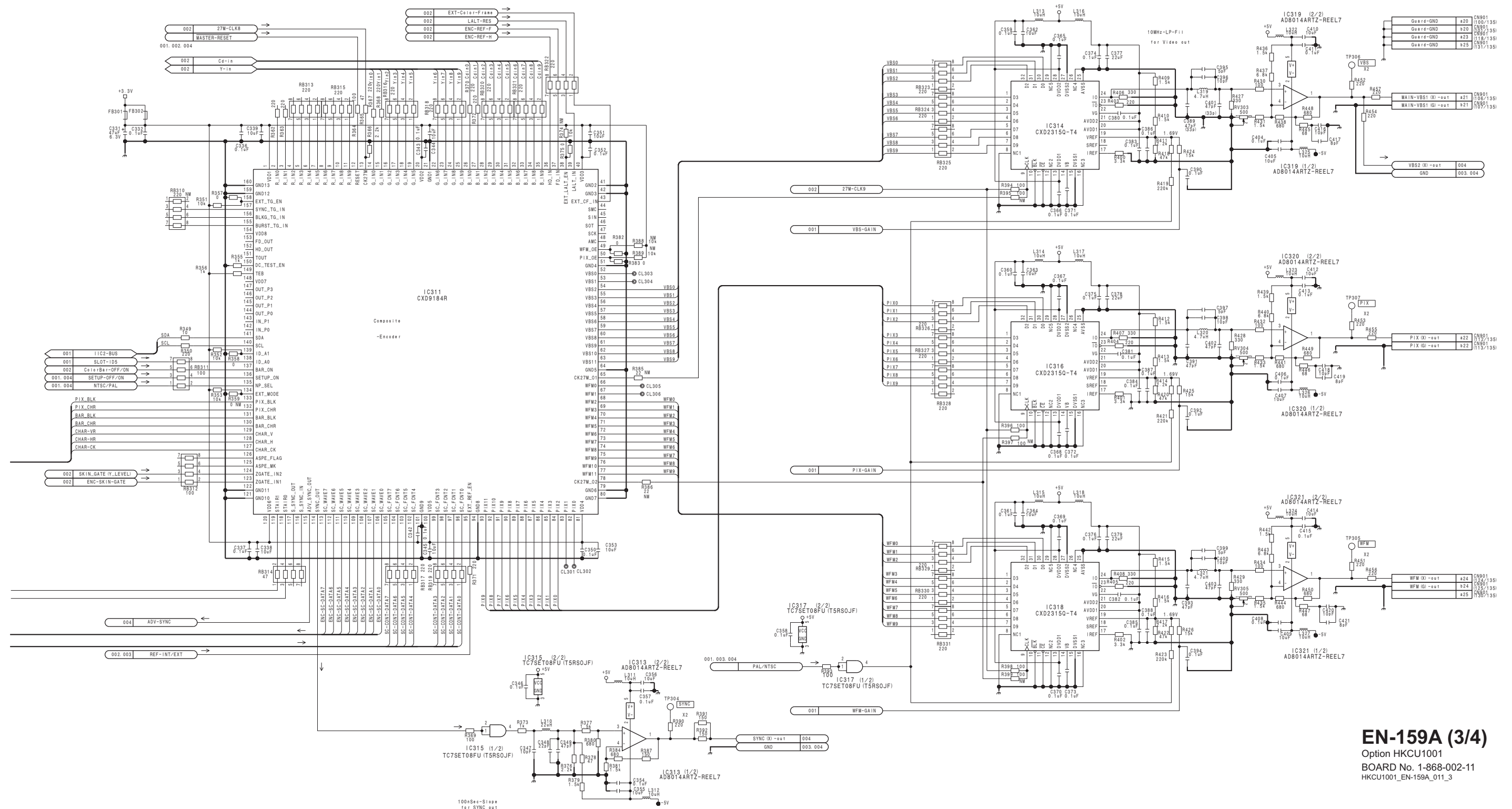
EN-159A (2/4)_R





HKCU1001_EN-159A_011_3

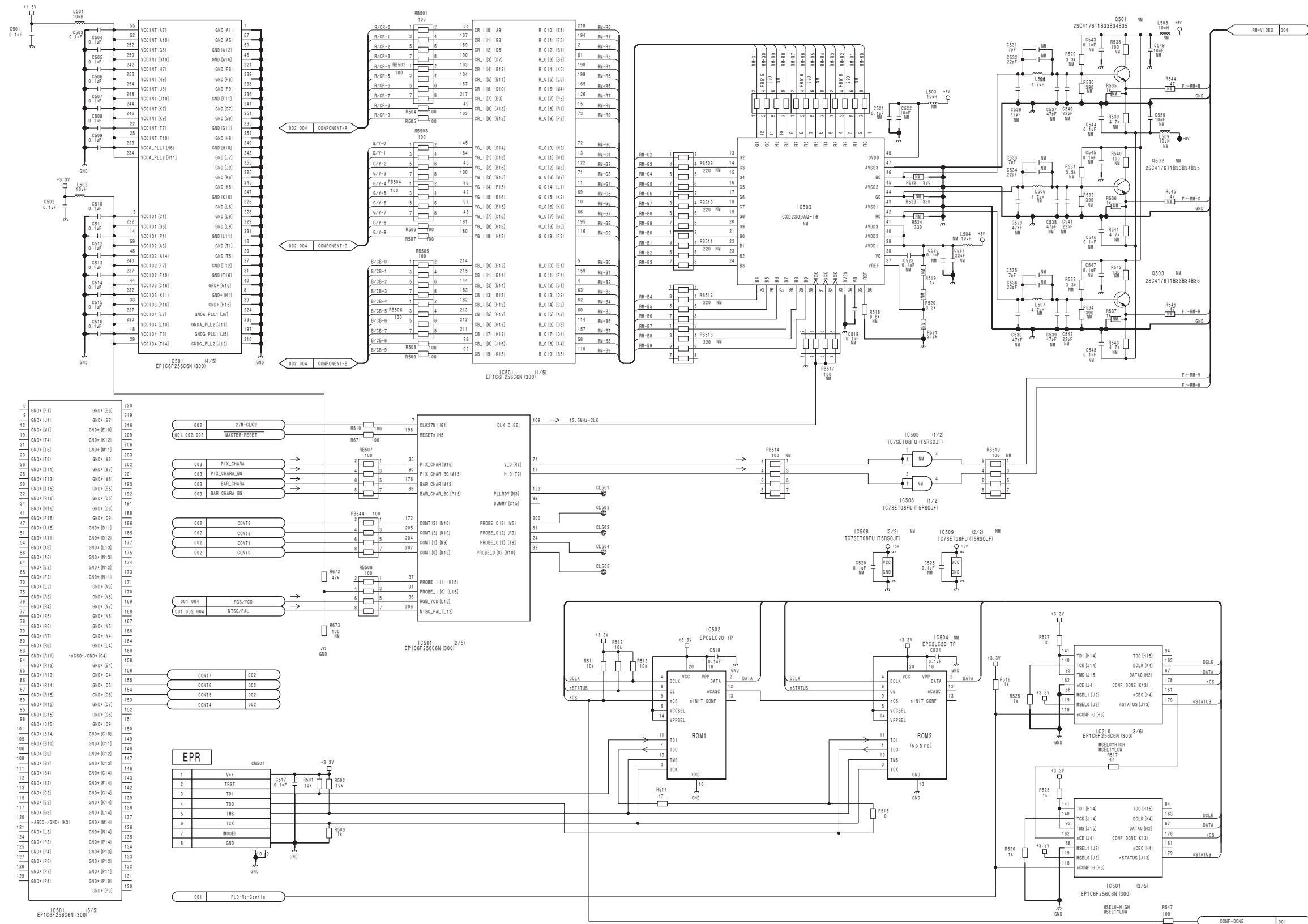
EN-159A (3/4)_R



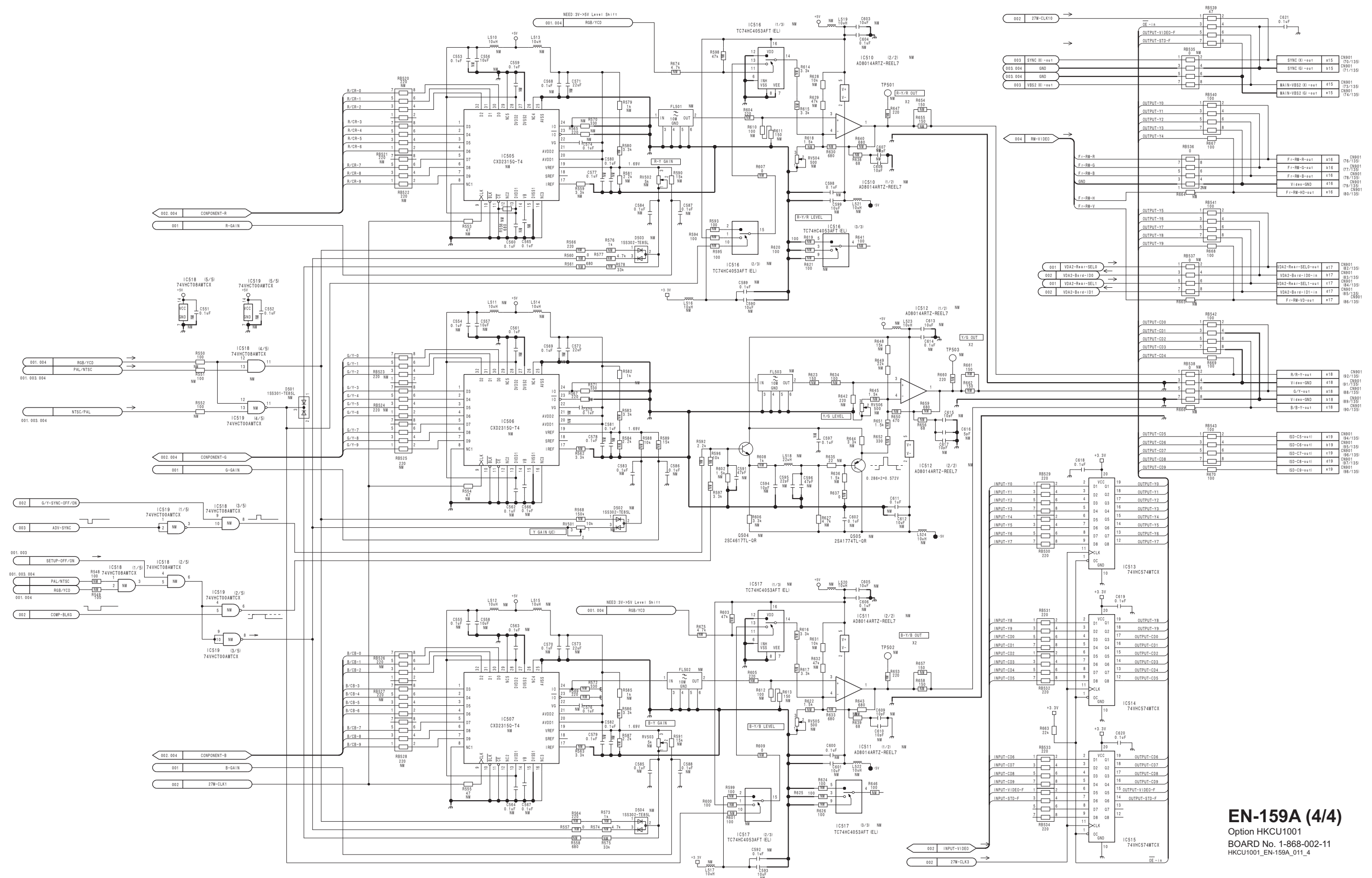
EN-159A (3/4)

Option HKCU1001
BOARD No. 1-868-002-11
HKCU1001_EN-159A_011_3

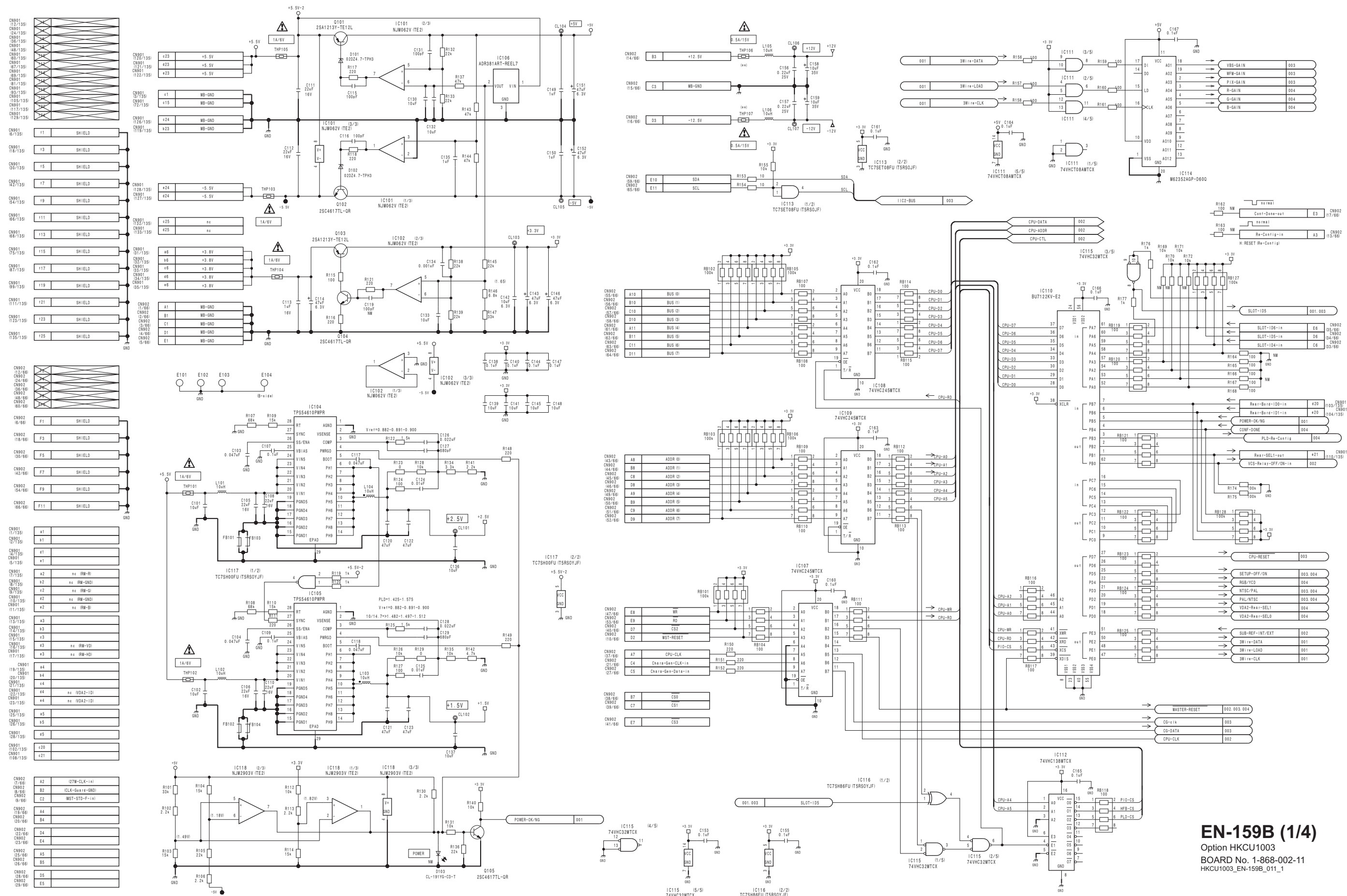
EN-159A (4/4)_L



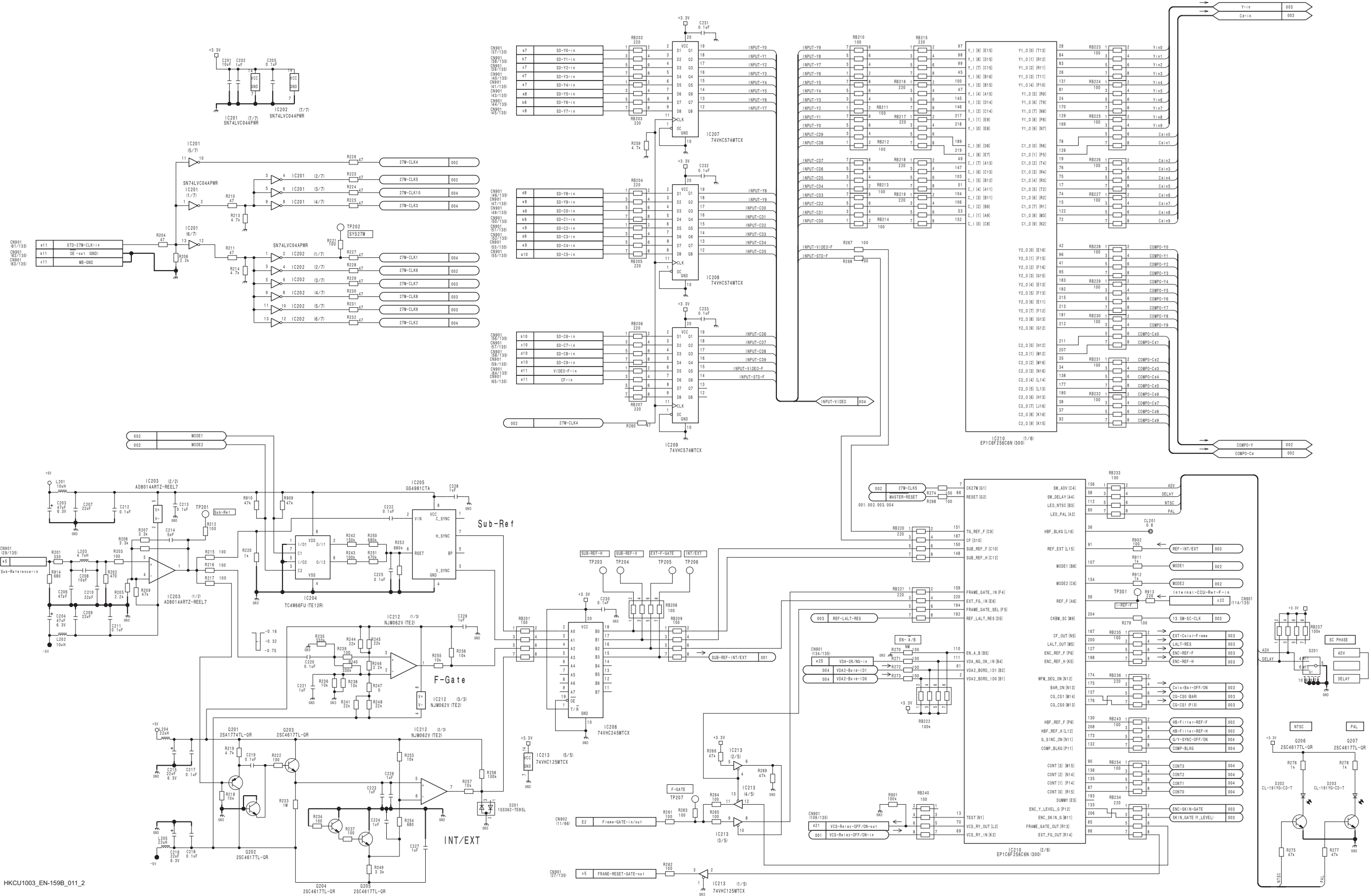
EN-159A (4/4)_R



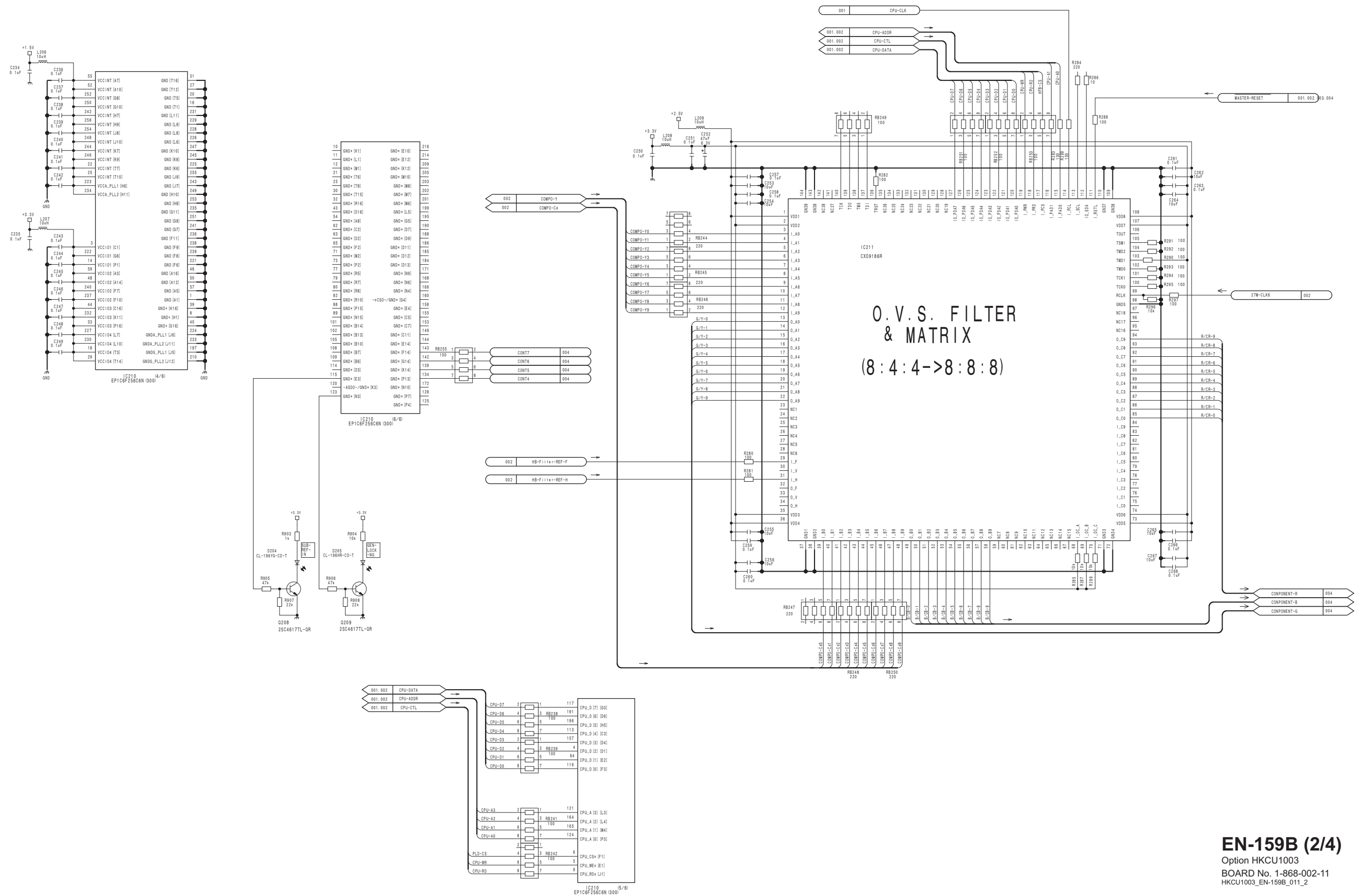
EN-159B
EN-159B (1/4)



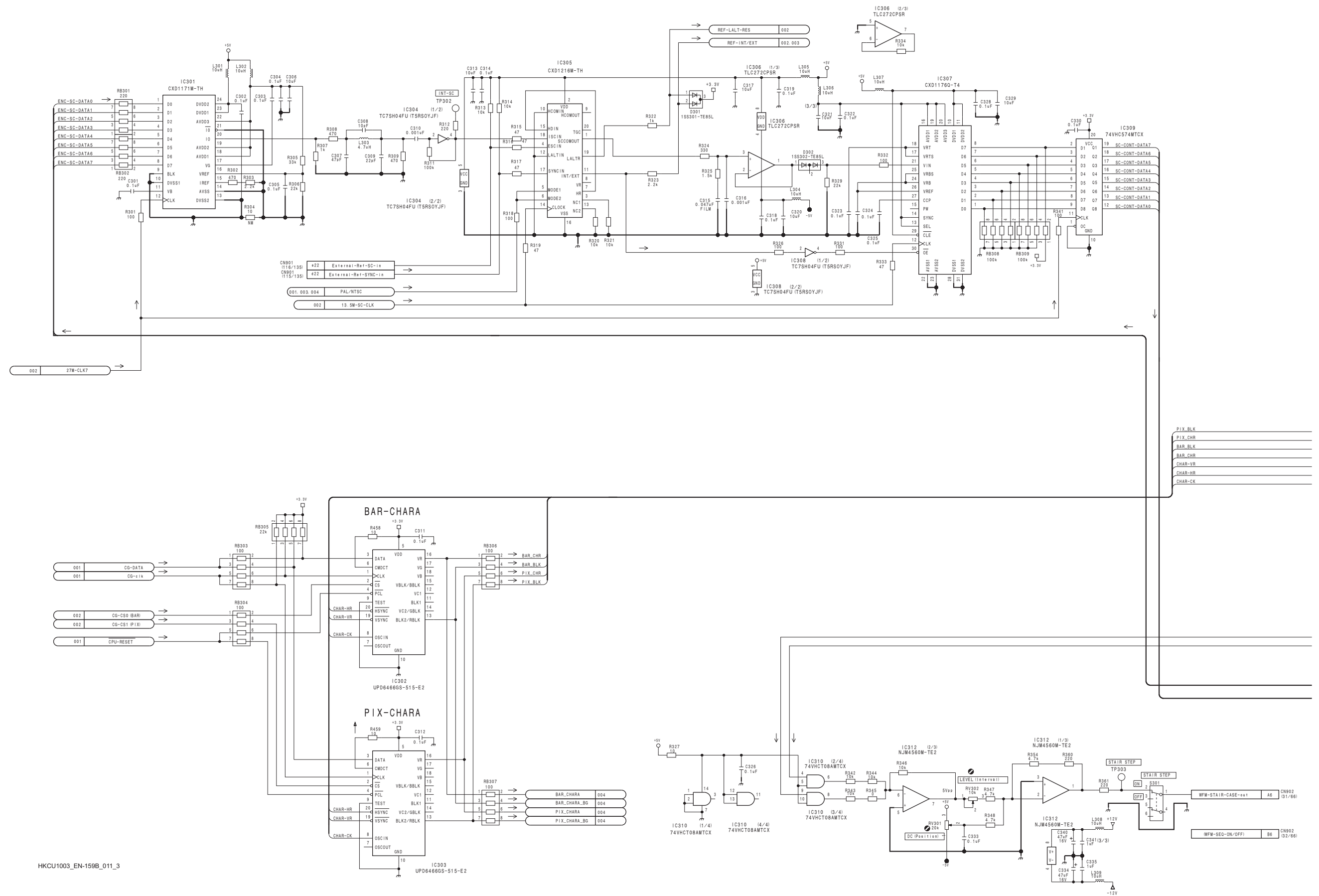
EN-159B (2/4)_L



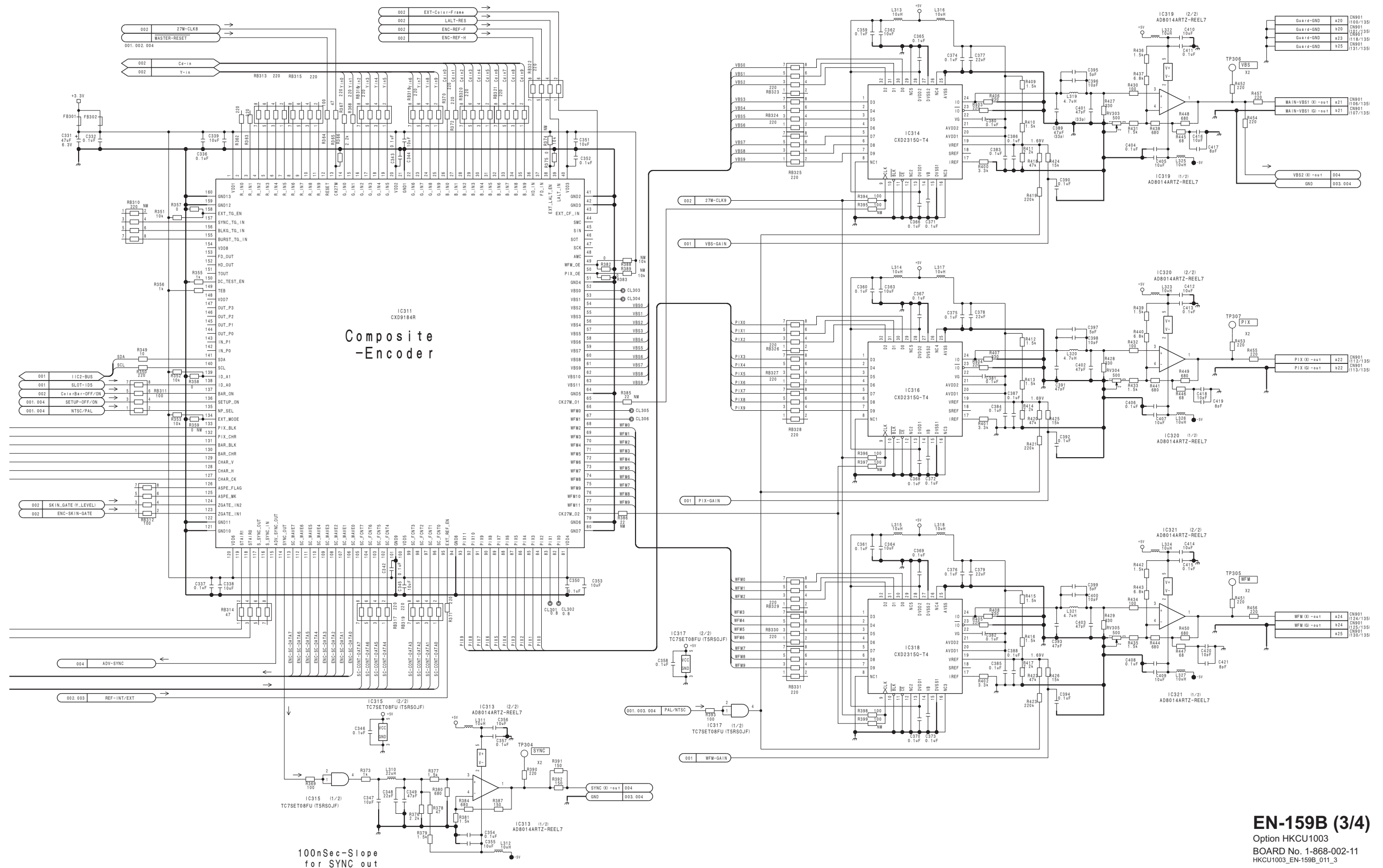
EN-159B (2/4)_R



EN-159B (3/4)_L



EN-159B (3/4)_R



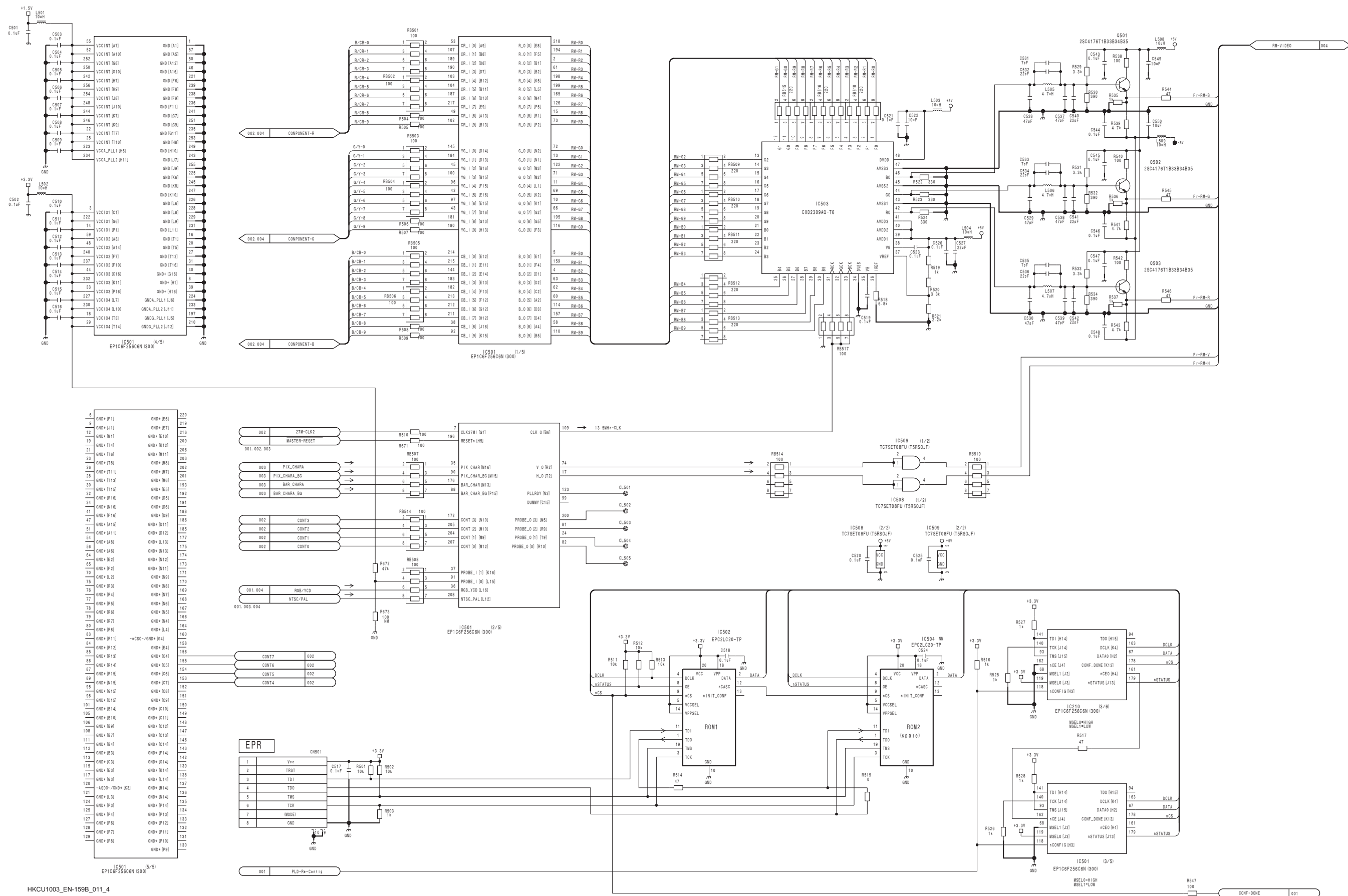
EN-159B (3/4)

Option HKCU1003

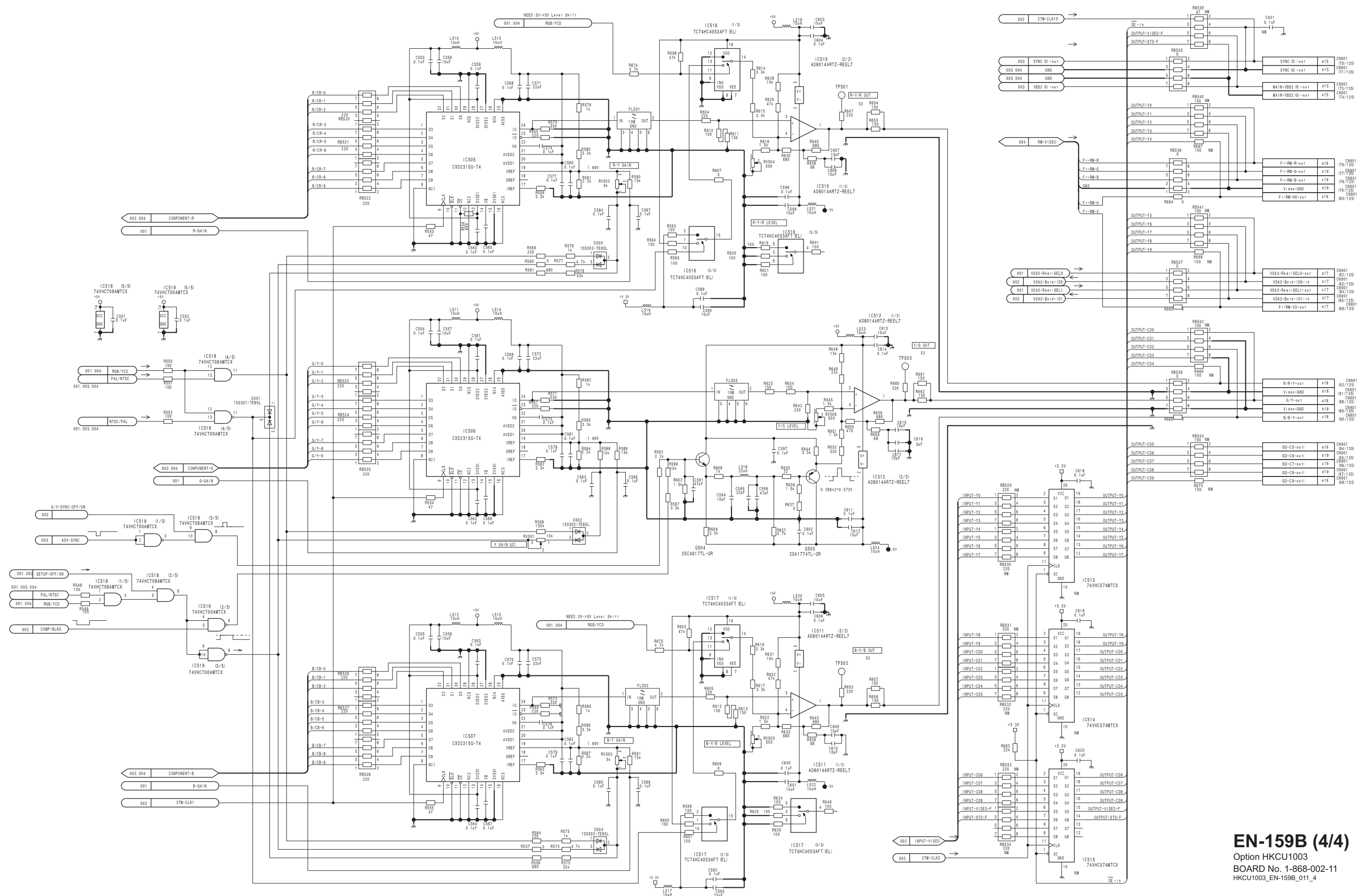
BOARD No. 1-868-002-11

HKCU1003_EN-159B_011_3

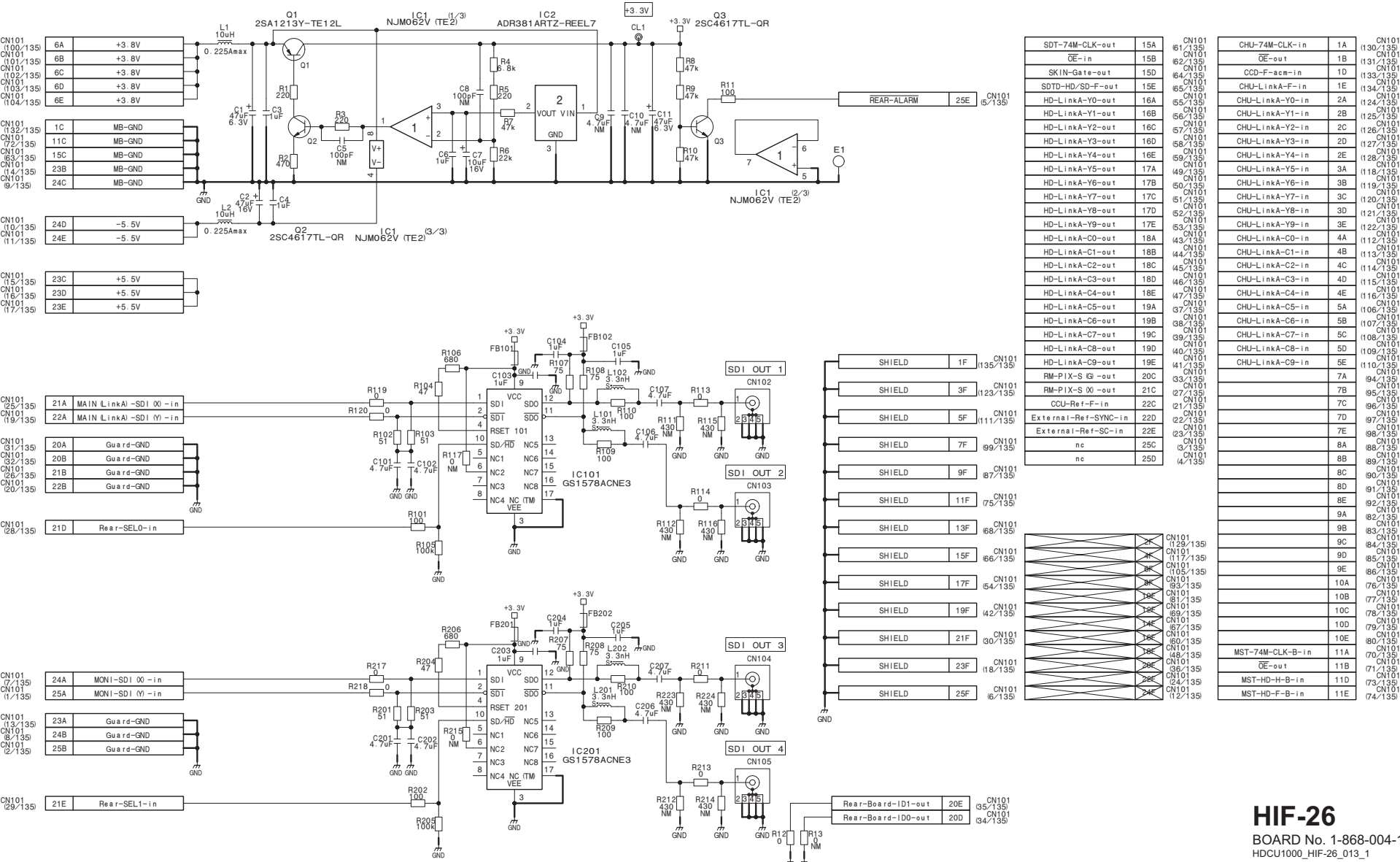
EN-159B (4/4)_L



EN-159B (4/4)_R

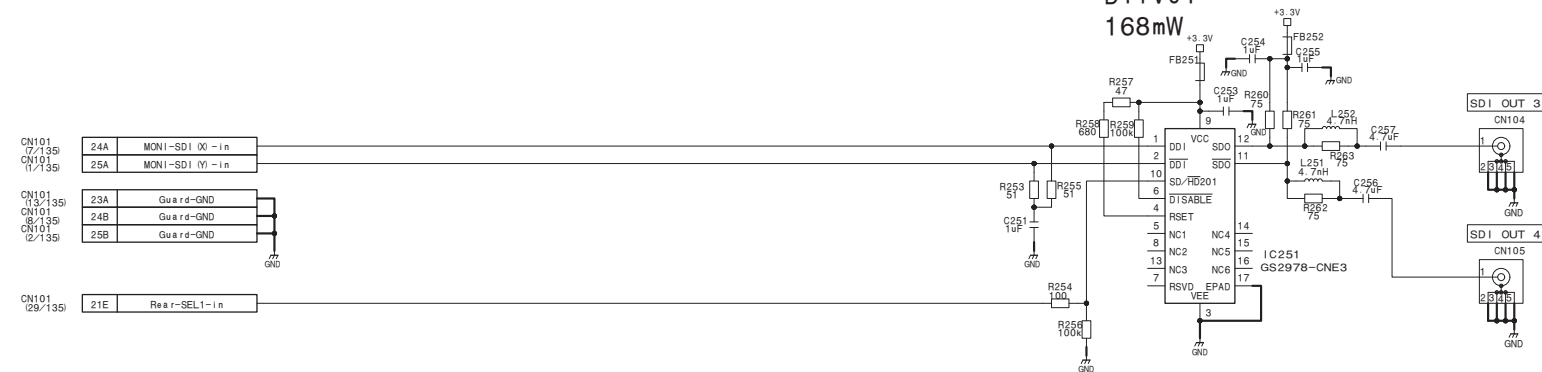
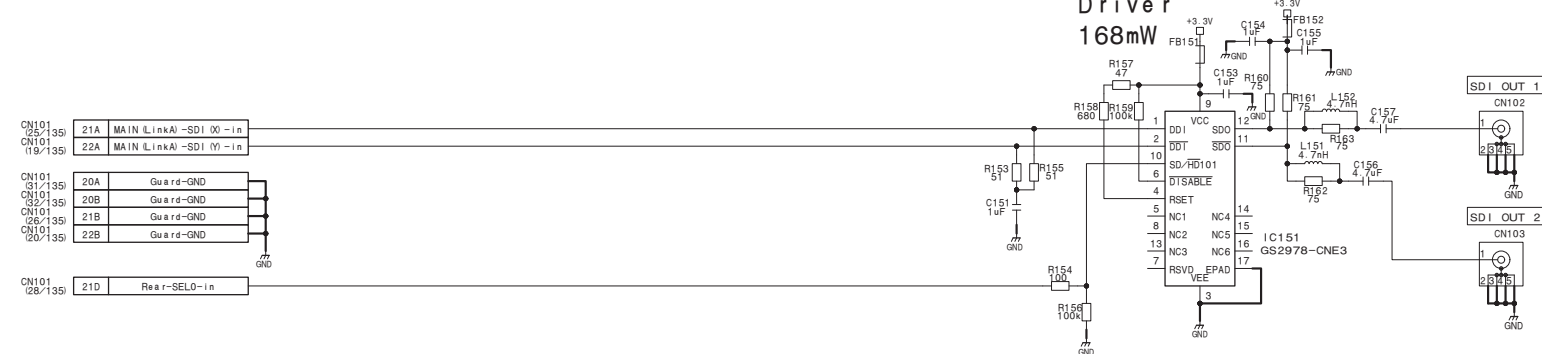
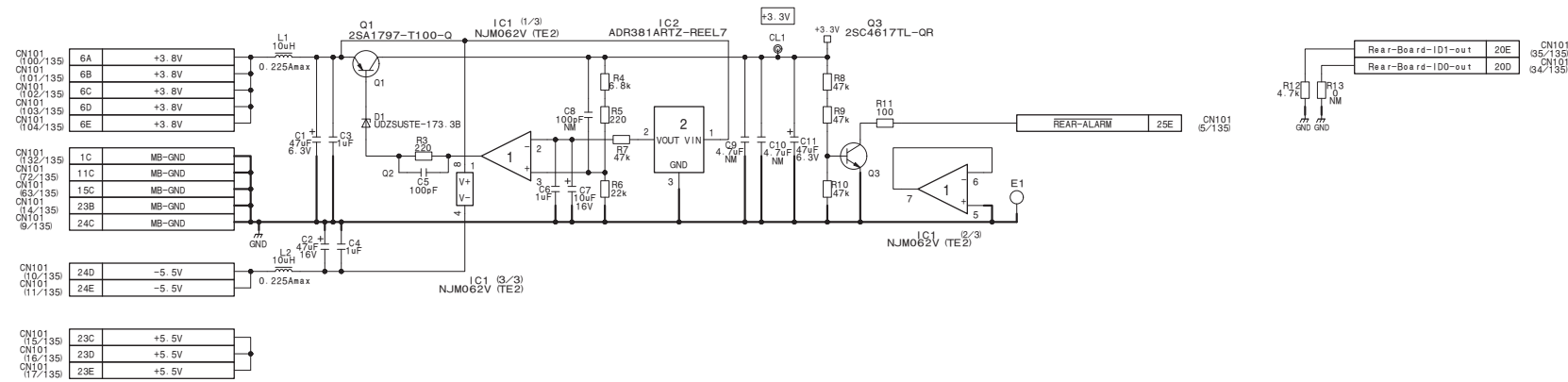


HIF-26



HIF-26
BOARD No. 1-868-004-13
HDCU1000_HIF-26_013_1

HIF-57



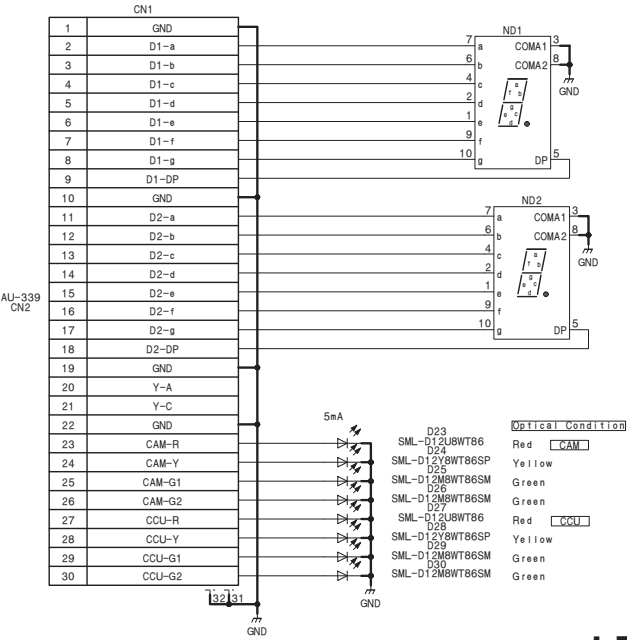
SOT-7MM-CLK-out	15A	61	ON101	CHU-7MM-CLK-in	1A	ON101
OE-in	15B	62	ON101	OE-out	1B	ON101
SKIN-Gate-out	15C	63	ON101	CCD-F-acc-in	1D	ON101
SOTD-HD-SD-F-out	15D	64	ON101	CHU-LINKA-F-in	1E	ON101
HD-LINKA-Y0-out	16A	65	ON101	CHU-LINKA-Y0-in	2A	ON101
HD-LINKA-Y1-out	16B	66	ON101	CHU-LINKA-Y1-in	2B	ON101
HD-LINKA-Y2-out	16C	67	ON101	CHU-LINKA-Y2-in	2C	ON101
HD-LINKA-Y3-out	16D	68	ON101	CHU-LINKA-Y3-in	2D	ON101
HD-LINKA-Y4-out	16E	69	ON101	CHU-LINKA-Y4-in	2E	ON101
HD-LINKA-Y5-out	17A	70	ON101	CHU-LINKA-Y5-in	3A	ON101
HD-LINKA-Y6-out	17B	71	ON101	CHU-LINKA-Y6-in	3B	ON101
HD-LINKA-Y7-out	17C	72	ON101	CHU-LINKA-Y7-in	3C	ON101
HD-LINKA-Y8-out	17D	73	ON101	CHU-LINKA-Y8-in	3D	ON101
HD-LINKA-Y9-out	17E	74	ON101	CHU-LINKA-Y9-in	3E	ON101
HD-LINKA-C0-out	18A	75	ON101	CHU-LINKA-C0-in	4A	ON101
HD-LINKA-C1-out	18B	76	ON101	CHU-LINKA-C1-in	4B	ON101
HD-LINKA-C2-out	18C	77	ON101	CHU-LINKA-C2-in	4C	ON101
HD-LINKA-C3-out	18D	78	ON101	CHU-LINKA-C3-in	4D	ON101
HD-LINKA-C4-out	18E	79	ON101	CHU-LINKA-C4-in	4E	ON101
HD-LINKA-C5-out	19A	80	ON101	CHU-LINKA-C5-in	5A	ON101
HD-LINKA-C6-out	19B	81	ON101	CHU-LINKA-C6-in	5B	ON101
HD-LINKA-C7-out	19C	82	ON101	CHU-LINKA-C7-in	5C	ON101
HD-LINKA-C8-out	19D	83	ON101	CHU-LINKA-C8-in	5D	ON101
HD-LINKA-C9-out	19E	84	ON101	CHU-LINKA-C9-in	5E	ON101
RM-PIX-S GI-out	20C	85	ON101			
RM-PIX-S X0-out	21C	86	ON101			
CCU-Ref-F-in	22C	87	ON101			
External-Ref-SYNG-in	22D	88	ON101			
External-Ref-SC-in	22E	89	ON101			
nc	25C	90	ON101			
	25D	91	ON101			

01			EN101	83/135
01			EN101	83/135
01			9C	EN101
01			9C	EN101
01			9E	EN101
01			10A	EN101
01			10B	EN101
01			10C	EN101
01			10E	EN101
01			11A	EN101
01			11B	EN101
01			11C	EN101
01			11D	EN101
01			11E	EN101
01			11F	EN101
01			11G	EN101
01			11H	EN101
01			11I	EN101
01			11J	EN101
01			11K	EN101
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01			11M	EN101
01			11N	EN101
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01			11Q	EN101
01			11R	EN101
01			11S	EN101
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01			11U	EN101
01			11V	EN101
01			11W	EN101
01			11X	EN101
01			11Y	EN101
01			11Z	EN101
01			11AA	EN101
01			11AB	EN101
01			11AC	EN101
01			11AD	EN101
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01			11BB	EN101
01			11BC	EN101
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01			11BE	EN101
01			11BF	EN101
01			11BG	EN101
01			11BH	EN101
01			11BI	EN101
01			11BJ	EN101
01			11BK	EN101
01			11BL	EN101
01			11BM	EN101
01			11BN	EN101
01			11BO	EN101
01			11BP	EN101
01			11BQ	EN101
01			11BR	EN101
01			11BS	EN101
01			11BT	EN101
01			11BU	EN101
01			11BV	EN101
01			11BW	EN101
01			11BX	EN101
01			11BY	EN101
01			11BZ	EN101
01			11CA	EN101
01			11CB	EN101
01			11CC	EN101
01			11CD	EN101
01			11CE	EN101
01			11CF	EN101</

HIF-57

Built-in and Option HKCU2007
BOARD No. 1-881-940-11
HKCU2005_HIF-57_011_1

LE-378



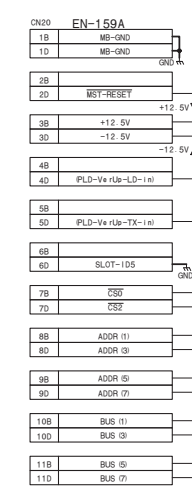
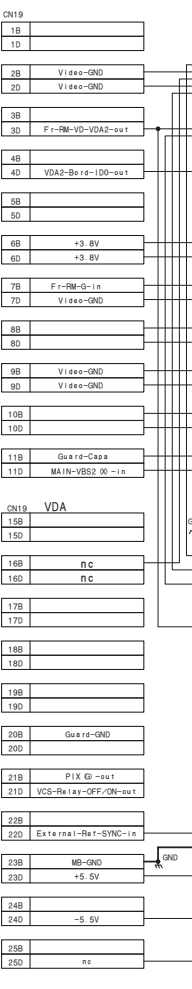
CAM No .

LE-378
BOARD No. 1-885-974-11
LE-378_1

MB-1180
MB-1180 (1/3)_L

SLOT6

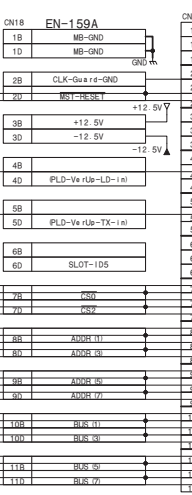
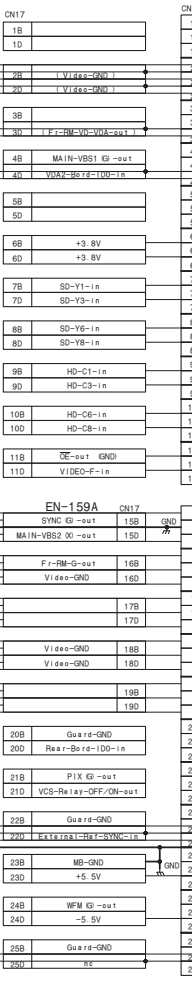
10: ---VDA-64C: HKCU1003
EN-1594/VDA-64A: HKCU1001
EN-1595/VDA64A-VDA-64B: HKCU1001
EN-1596/VDA64A-VDA-64B: HKCU1003
RC-105/HIF-26



MB-1180_1

SLOT5

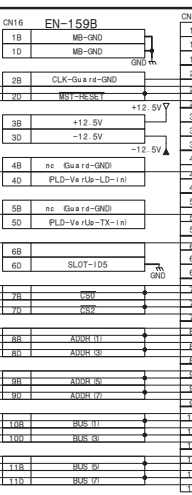
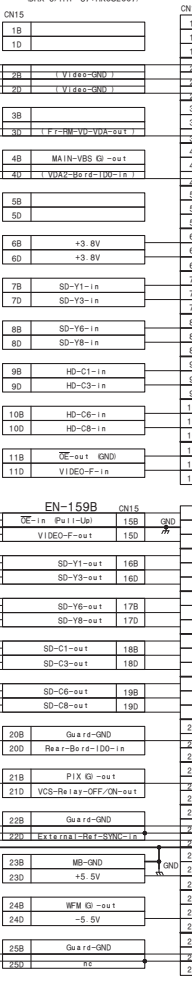
9: ---VDA-64C: HKCU1003
EN-1594/VDA-64A: HKCU1001
EN-1595/VDA64A-VDA-64B: HKCU1001
EN-1596/VDA64A-VDA-64B: HKCU1003
RC-105/HIF-26



MB-1180_1

SLOT4

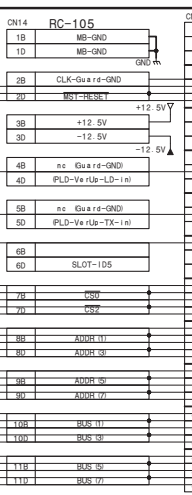
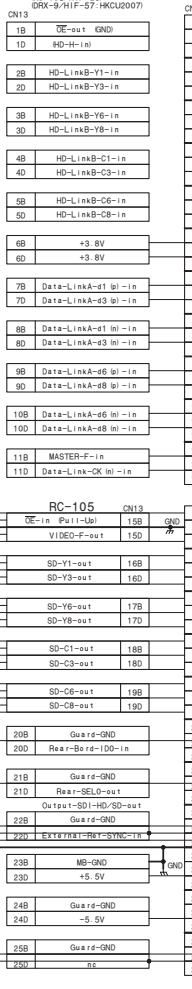
8: ---VDA-64C: HKCU1003
EN-1594/VDA-64A: HKCU1001
EN-1595/VDA64A-VDA-64B: HKCU1001
EN-1596/VDA64A-VDA-64B: HKCU1003
RC-105/HIF-26



MB-1180_1

SLOT3

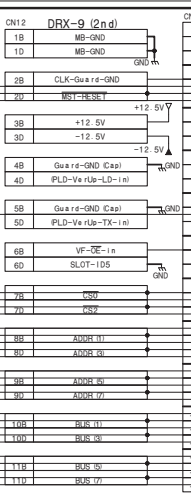
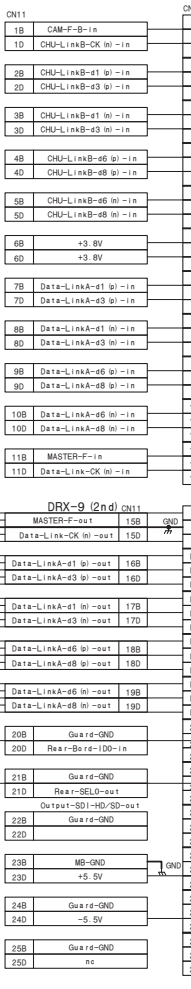
7: ---VDA-64C: HKCU1003
EN-1594/VDA-64A: HKCU1001
EN-1595/VDA64A-VDA-64B: HKCU1001
EN-1596/VDA64A-VDA-64B: HKCU1003
RC-105/HIF-26



MB-1180_1

SLOT2

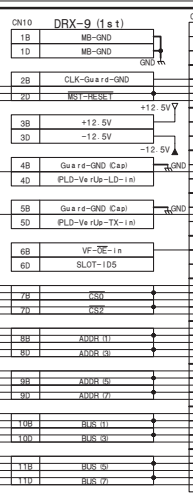
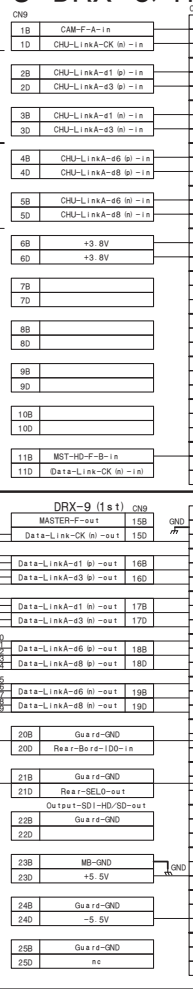
6: RC-105/HIF-26
DRX-9/HIF-57: HKCU2007



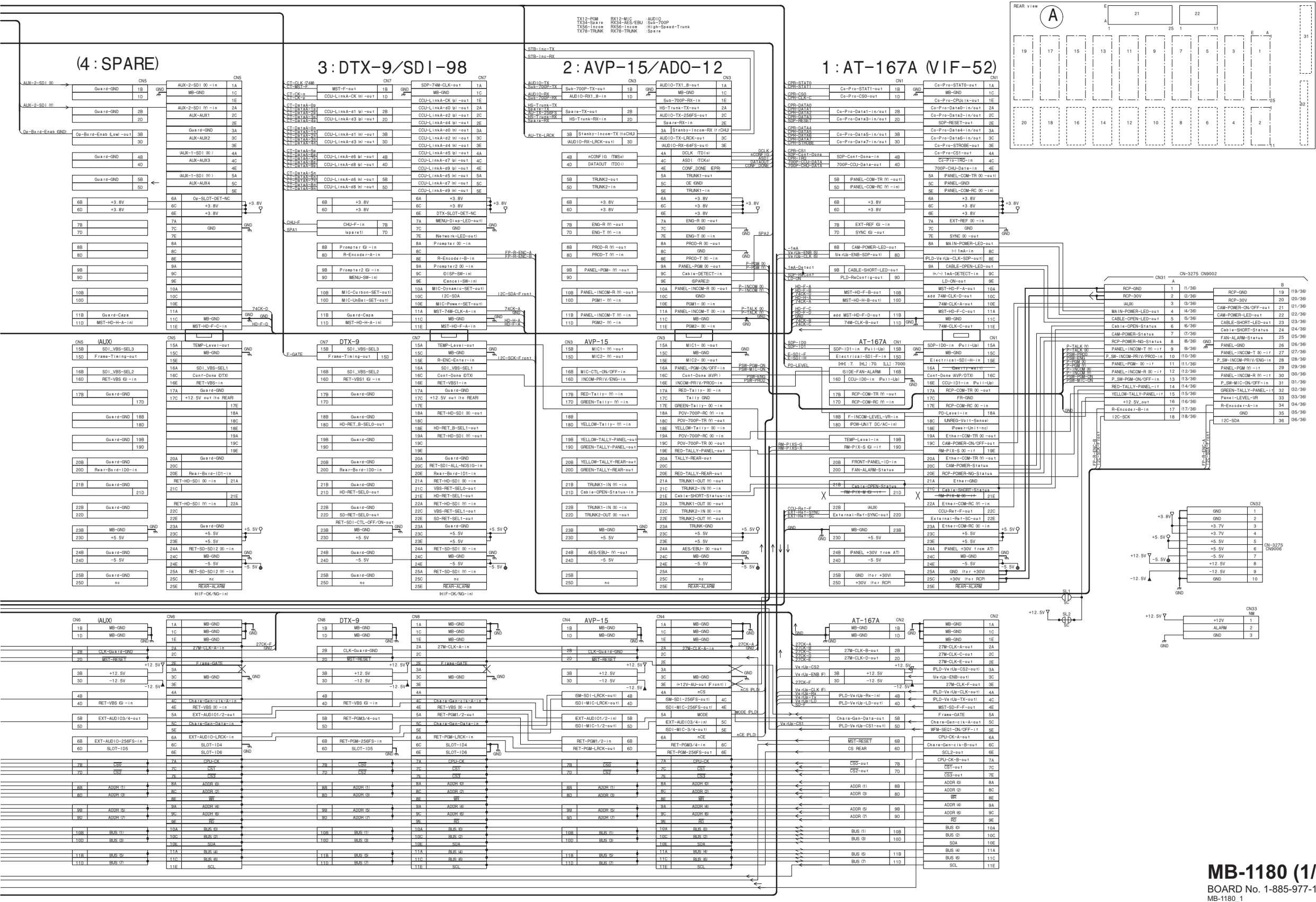
MB-1180_1

SLOT1

5: DRX-9/HIF-57
DRX-9/HIF-57: HKCU2007

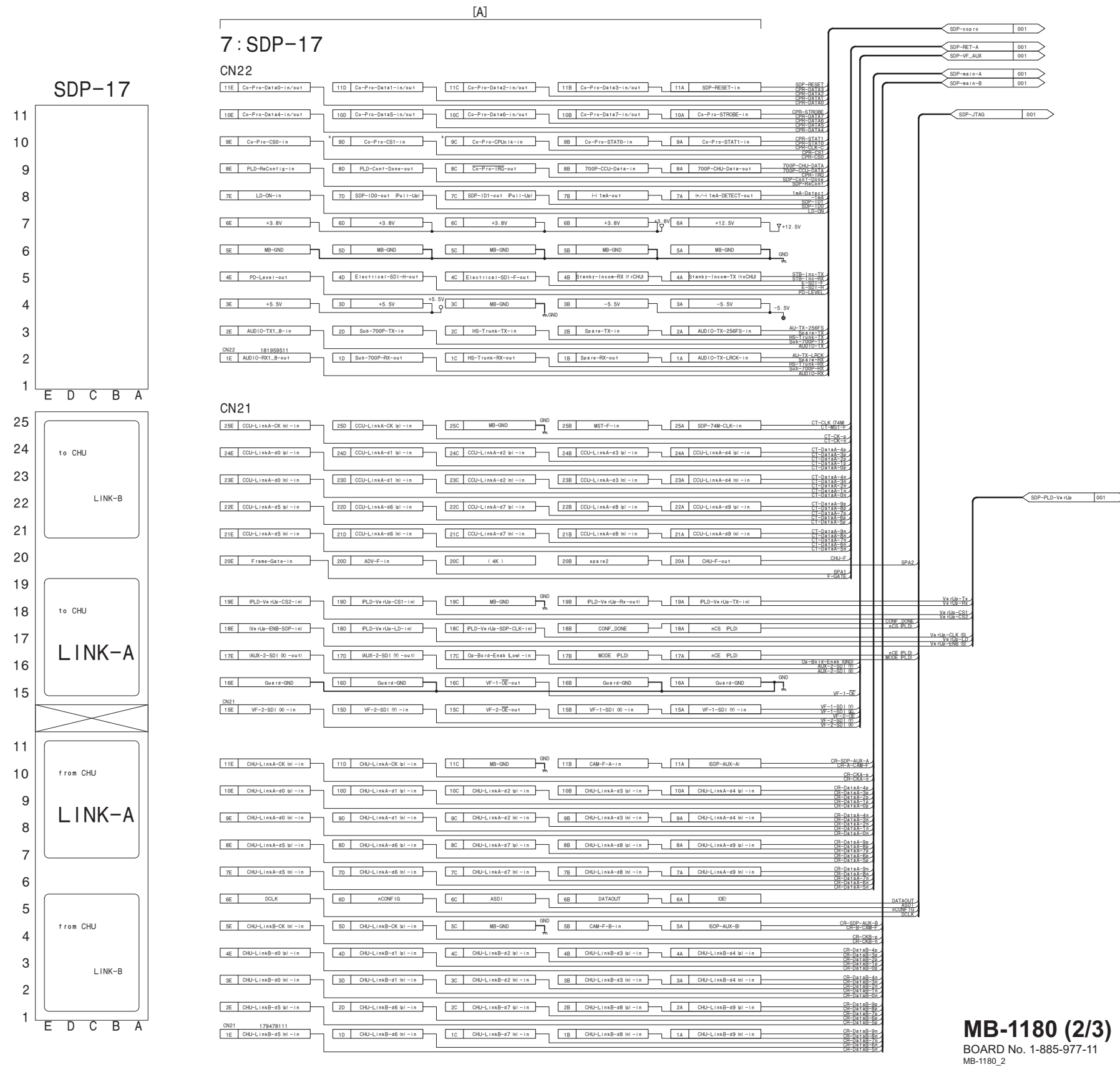


MB-1180_1

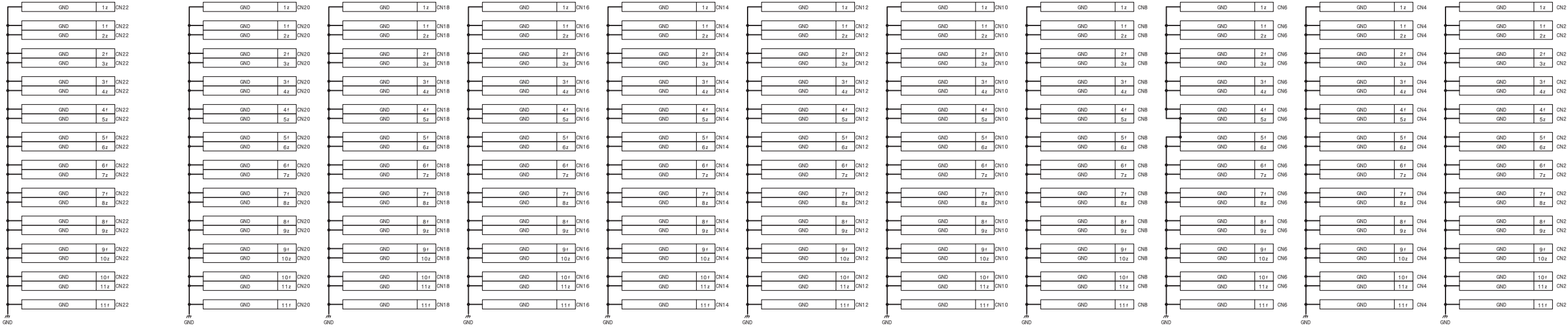
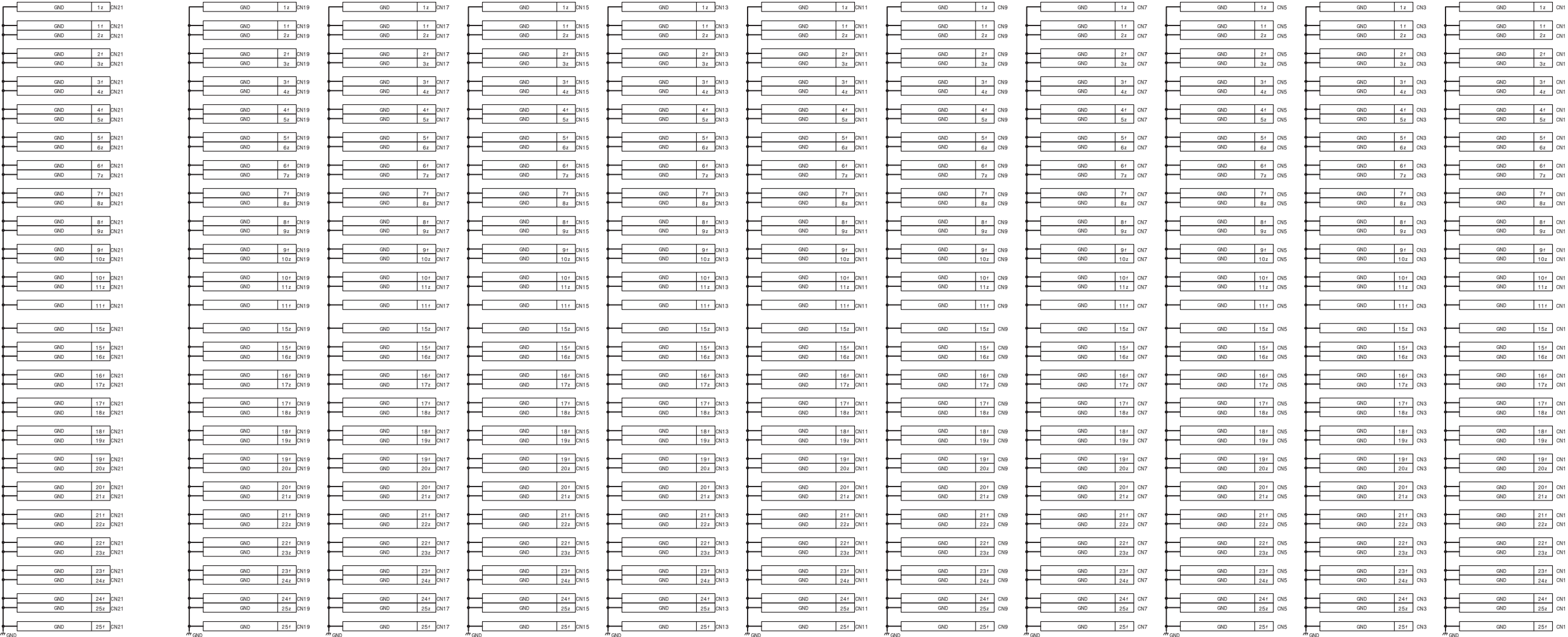


MB-1180 (1/3)
BOARD No. 1-885-977-11
MB-1180_1

MB-1180 (2/3)

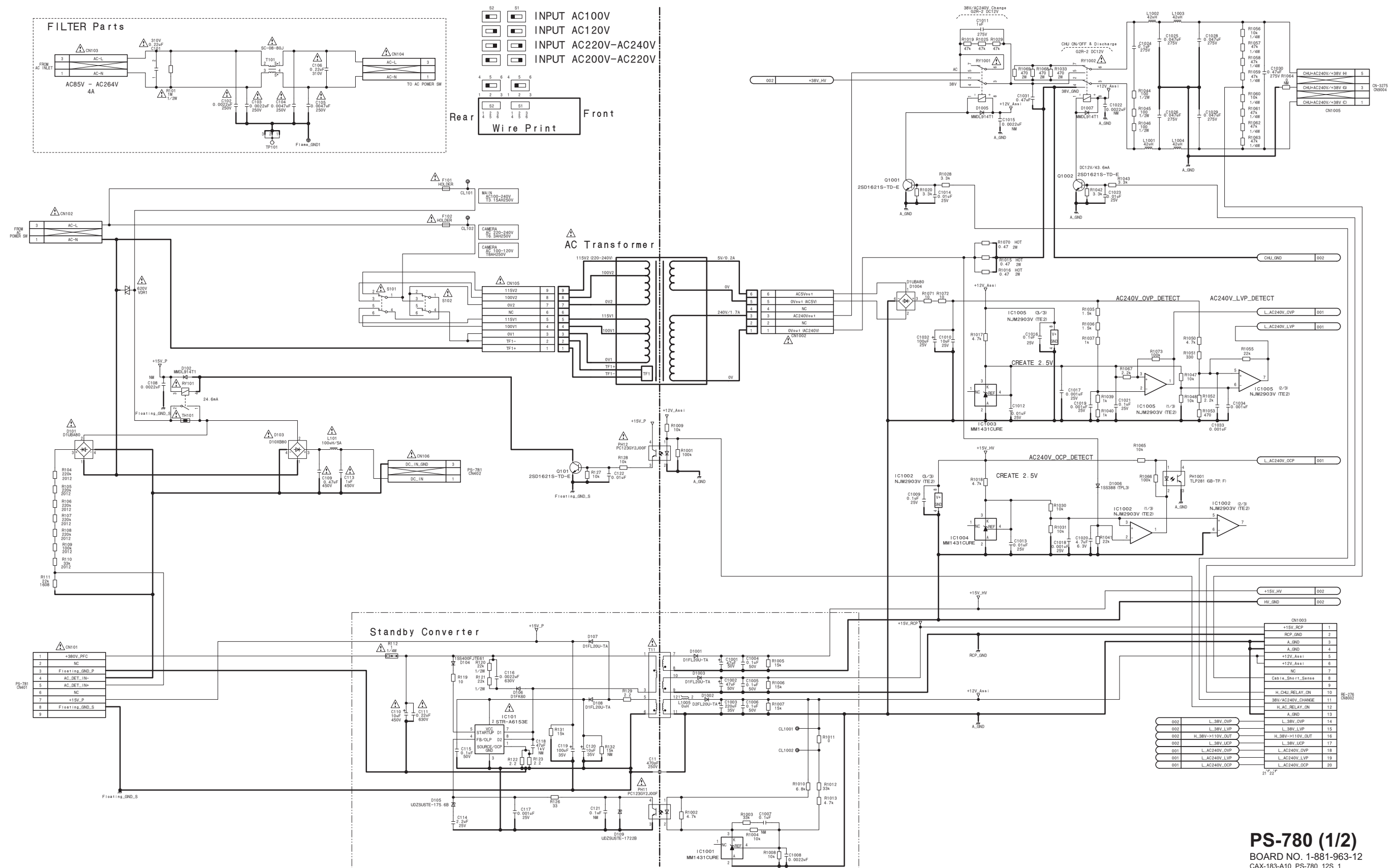


MB-1180 (3/3)

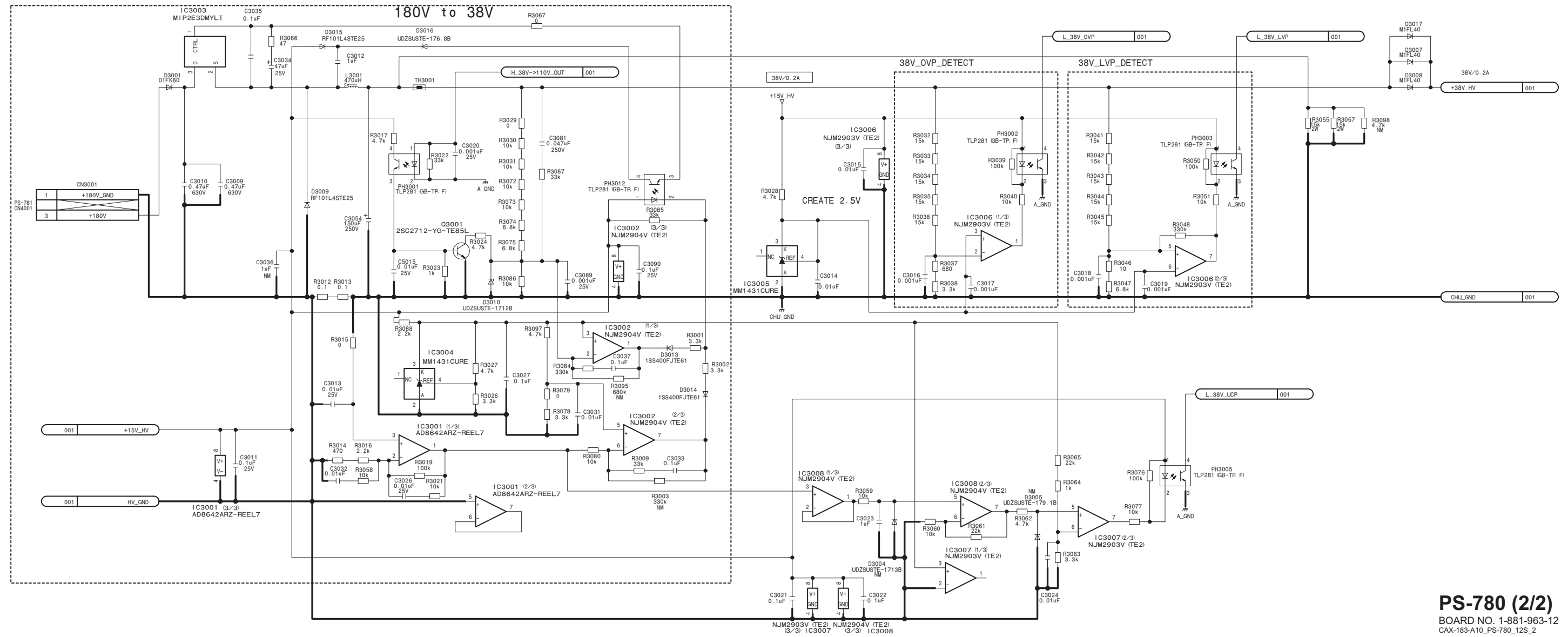


MB-1180 (3/3)
BOARD No. 1-885-977-11
MB-1180_3

PS-780
PS-780 (1/2)

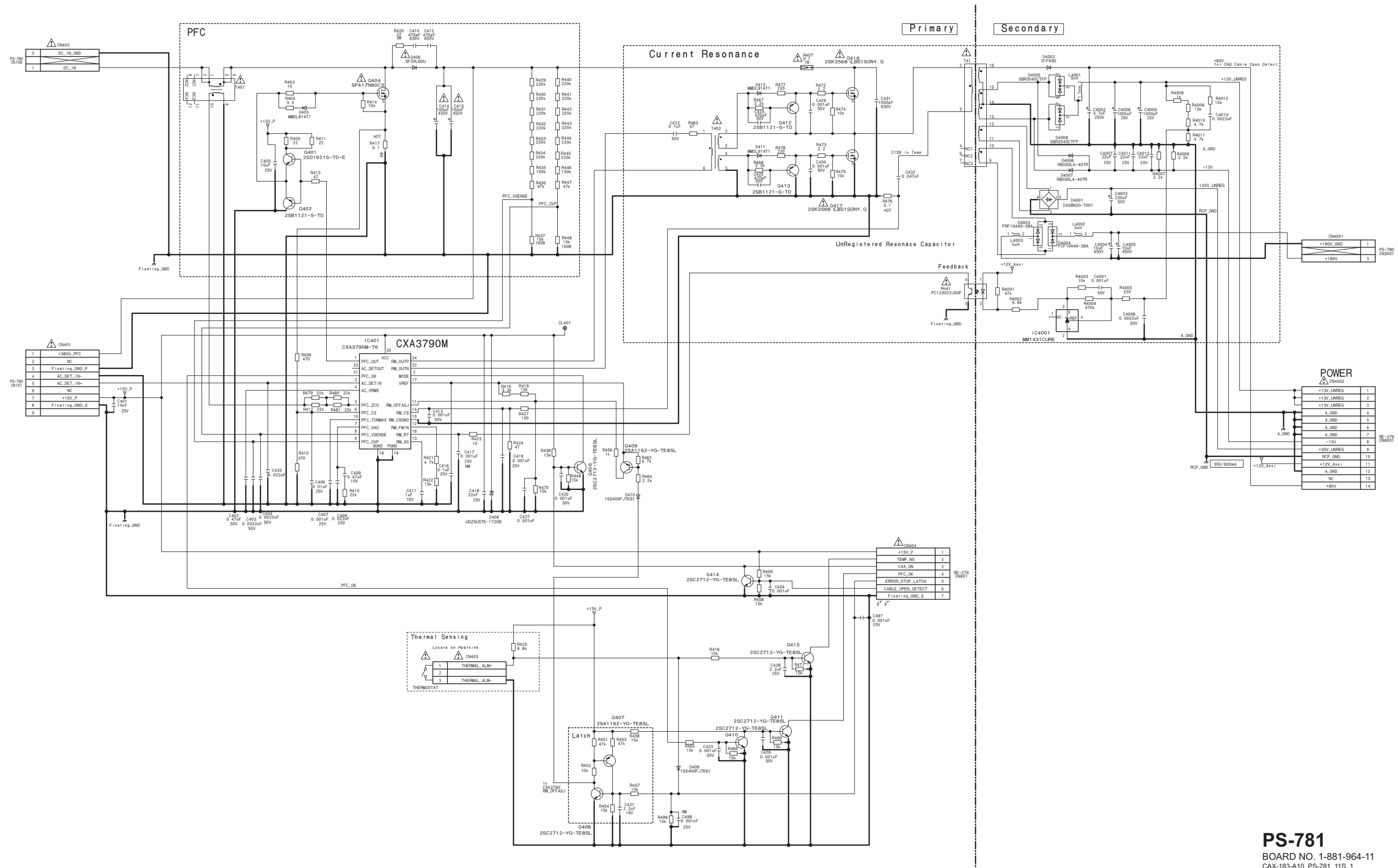


PS-780 (2/2)



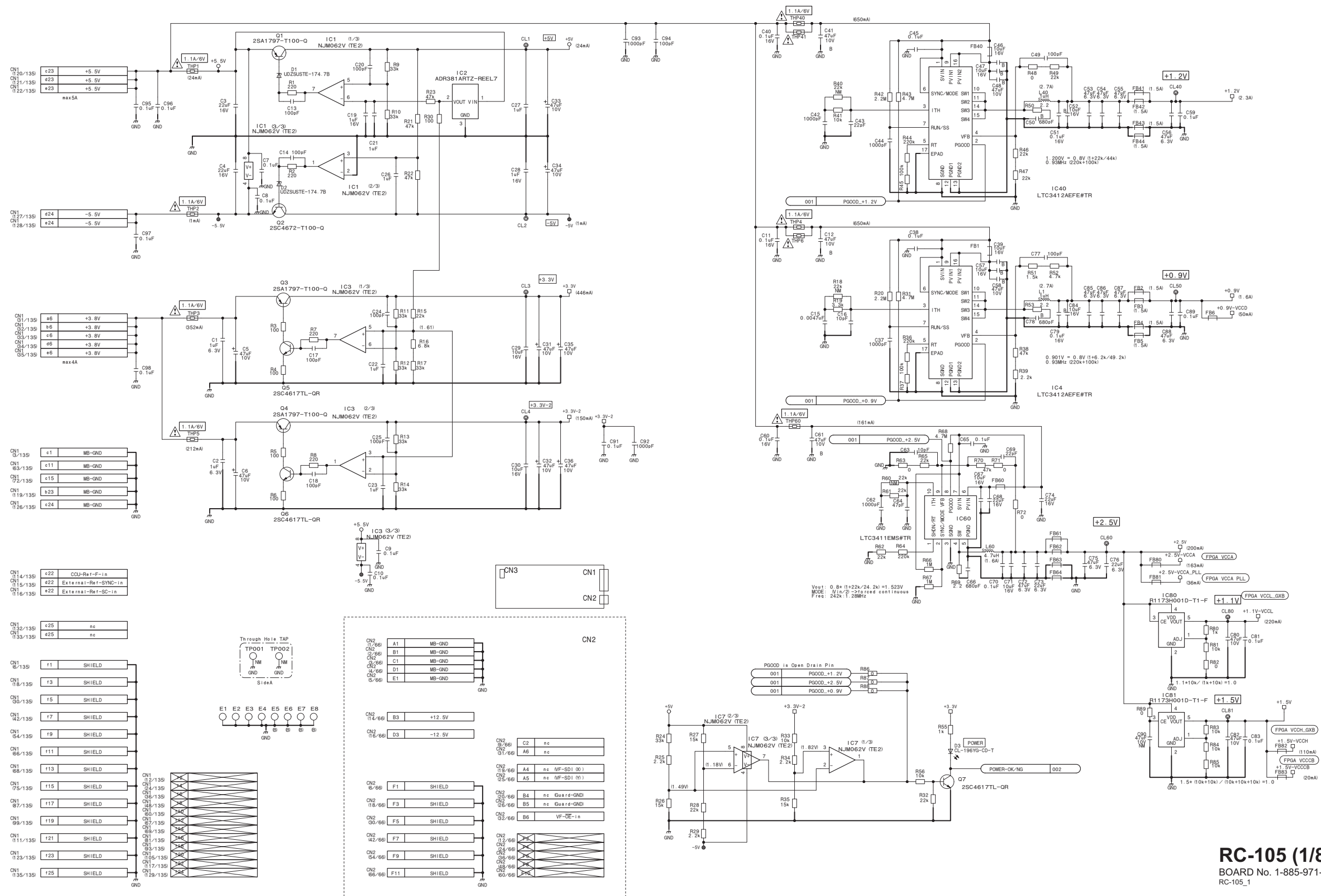
PS-780 (2/2)
BOARD NO. 1-881-963-12
CAX-183-A10_PS-780_12S_2

PS-781

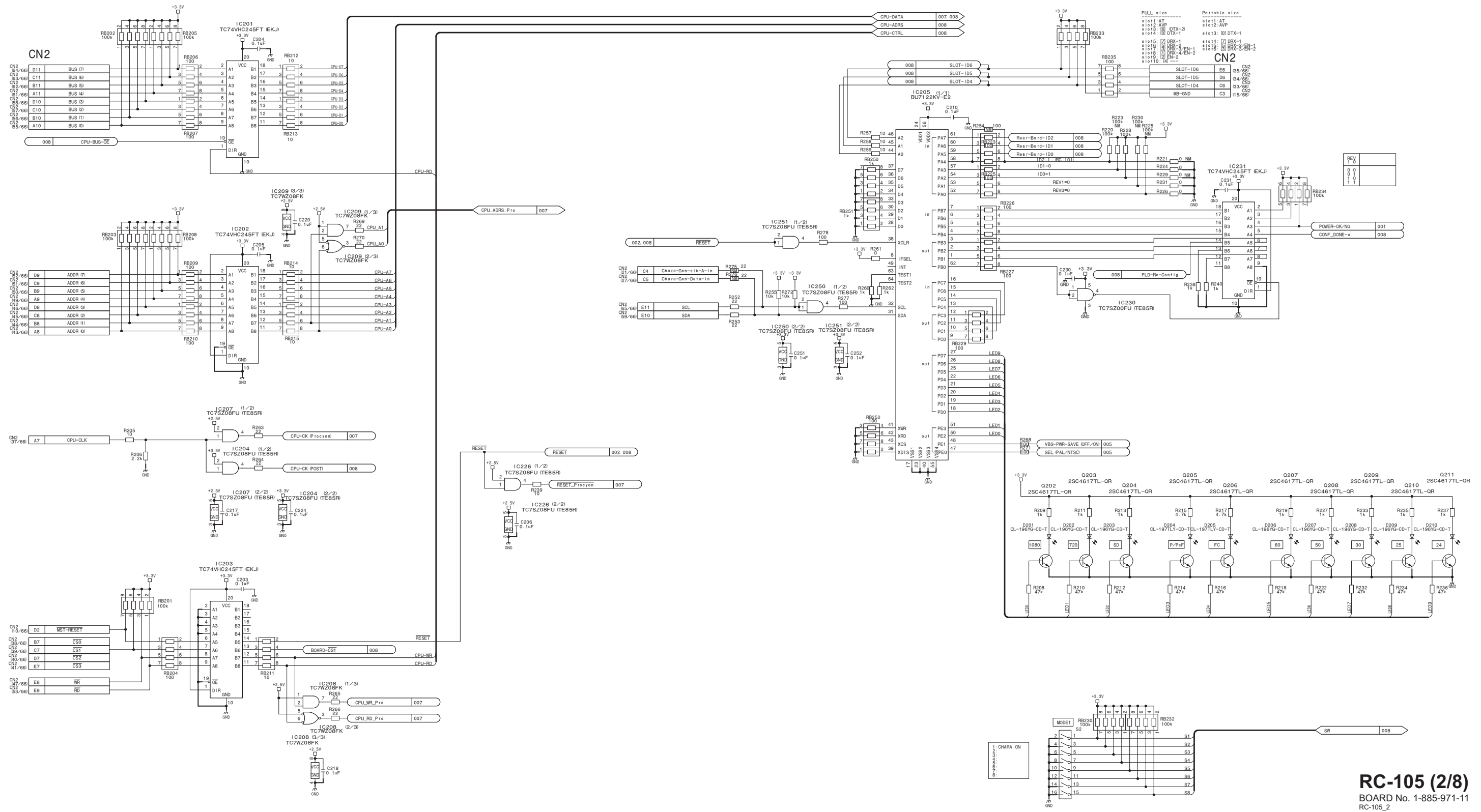


PS-781
BOARD NO. 1-881-964-11
CAX-183-A10_PS-781_11S_1

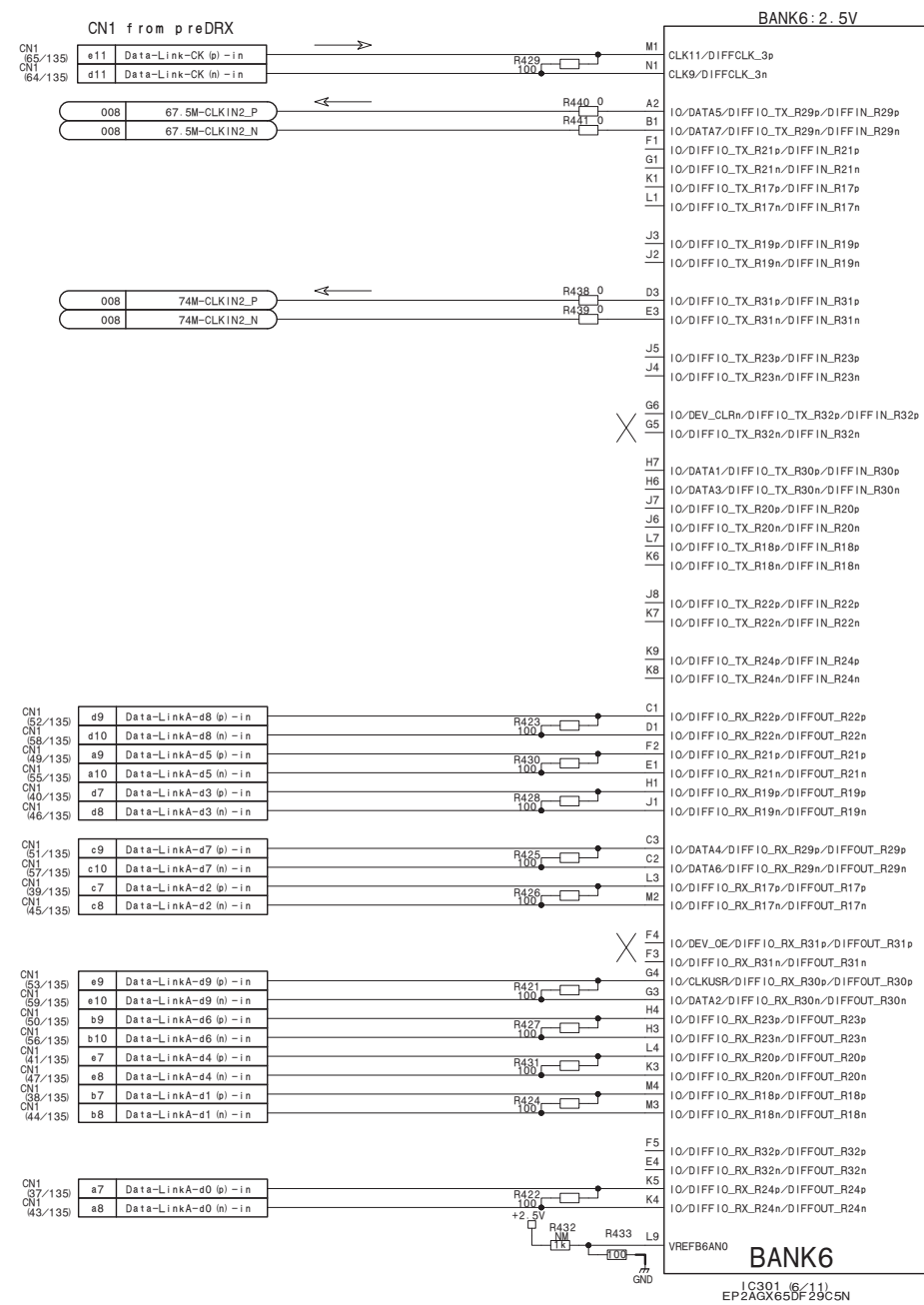
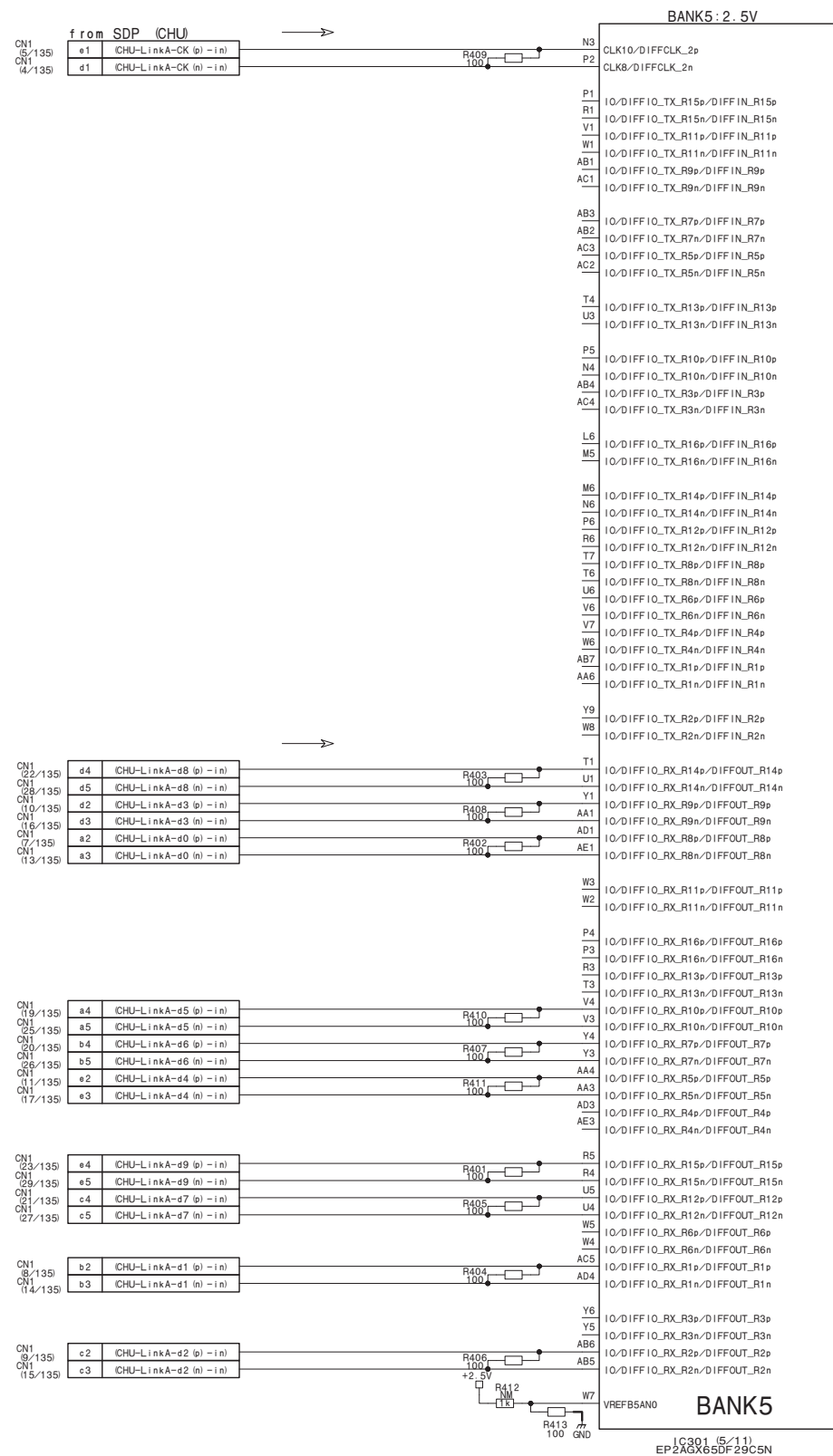
RC-105
RC-105 (1/8)



RC-105 (2/8)

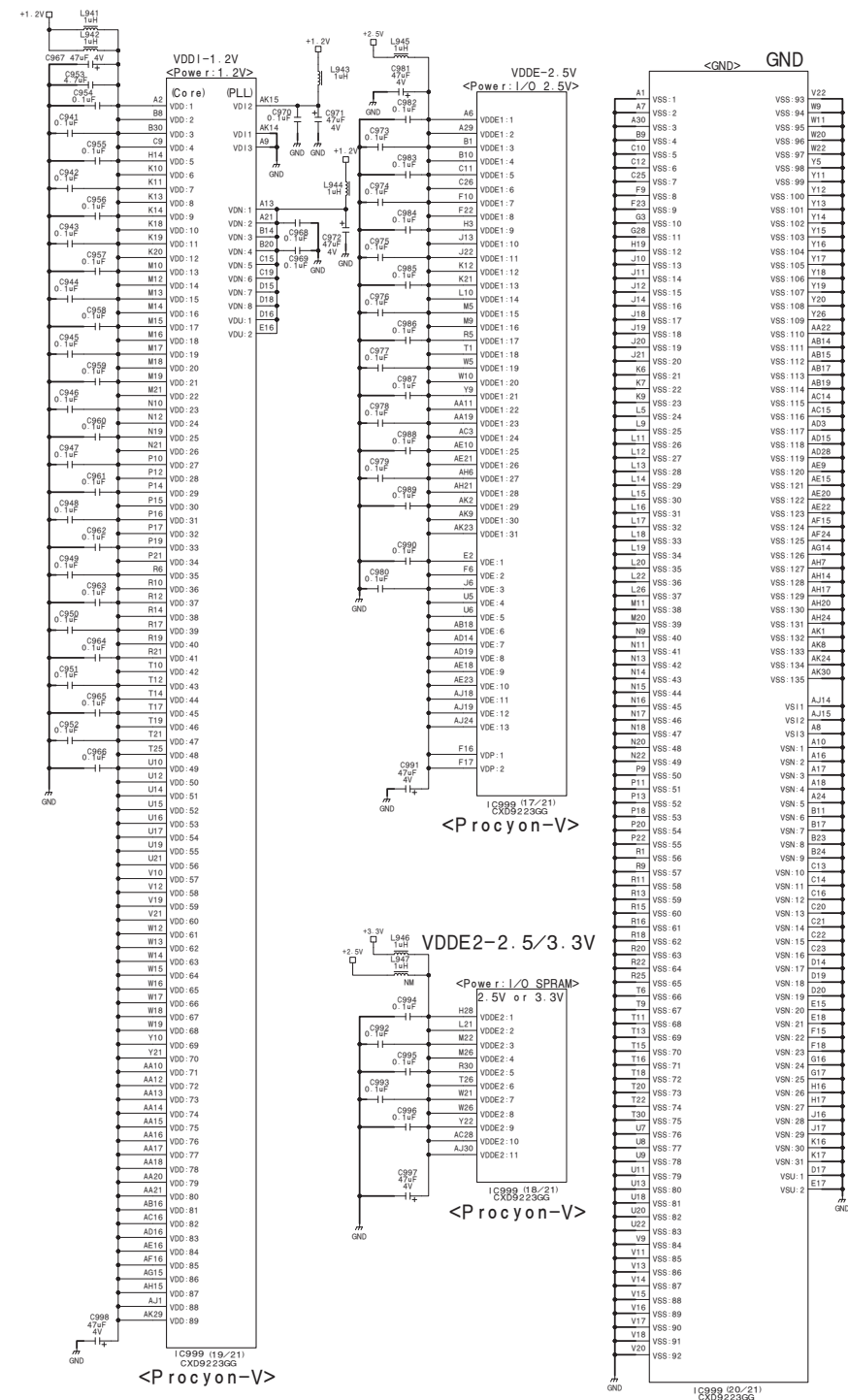
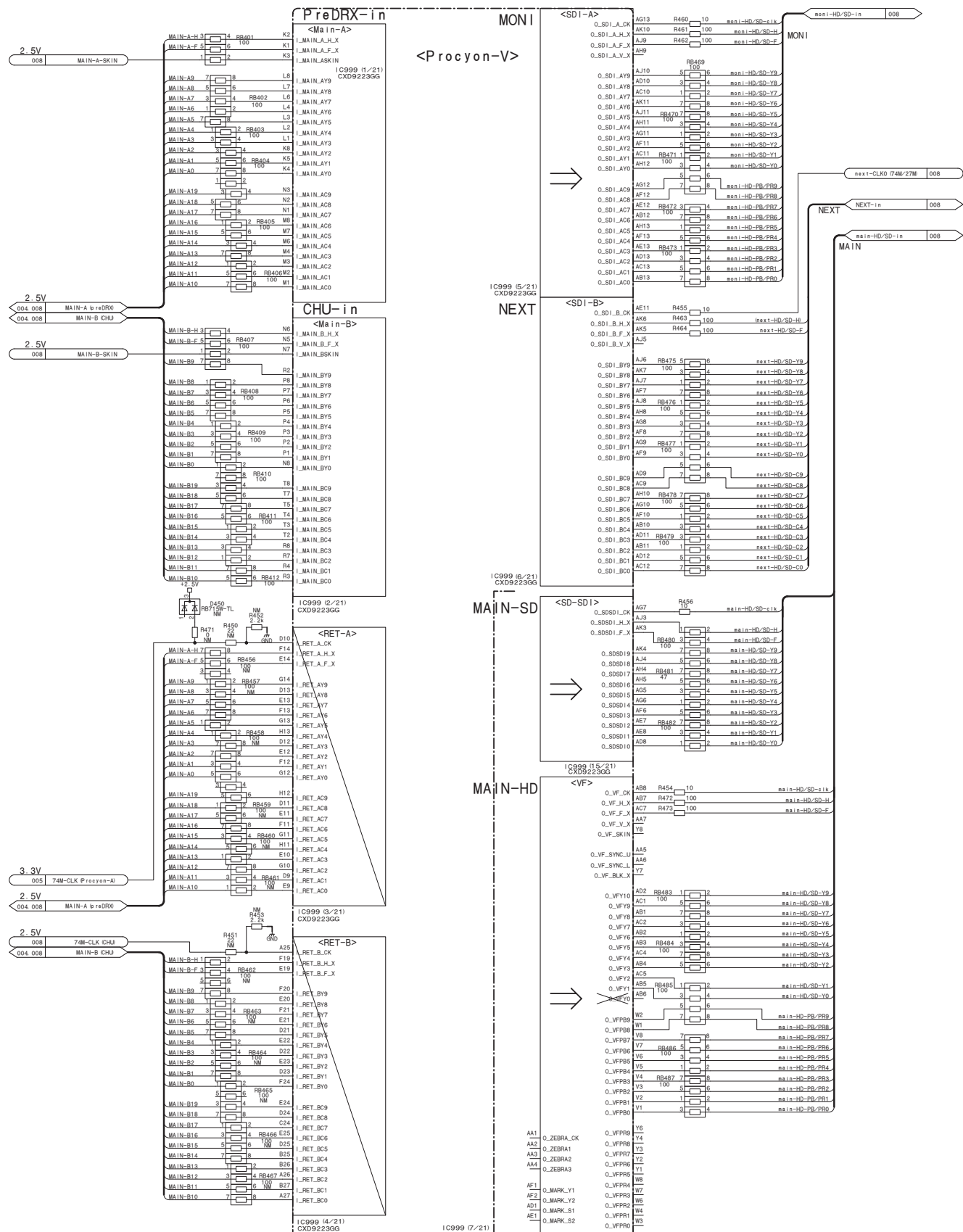


RC-105 (3/8)



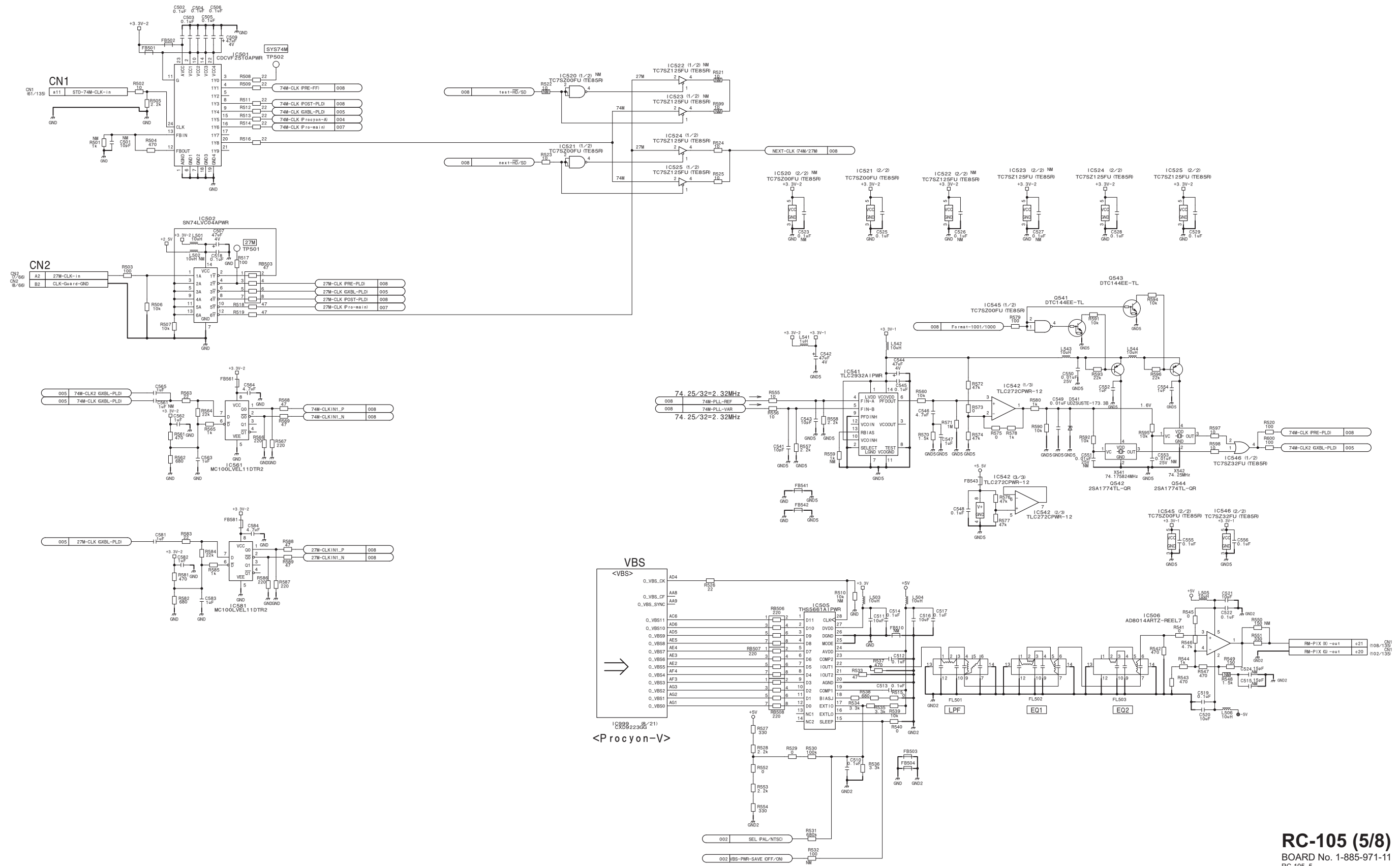
RC-105 (3/8)
BOARD No. 1-885-971-11
RC-105_3

RC-105 (4/8)

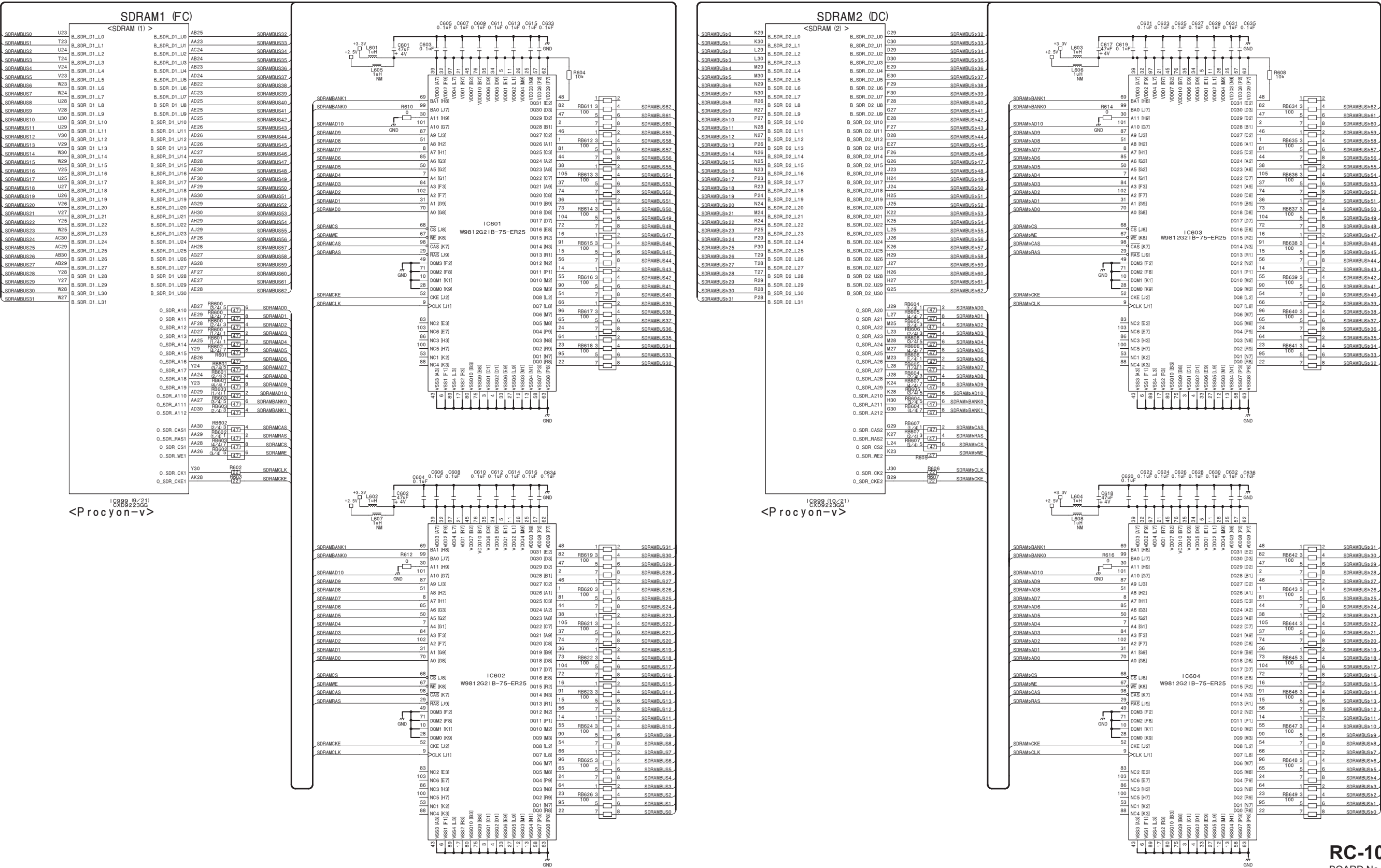


RC-105 (4/8)
BOARD No. 1-885-971-11
RC-105_4

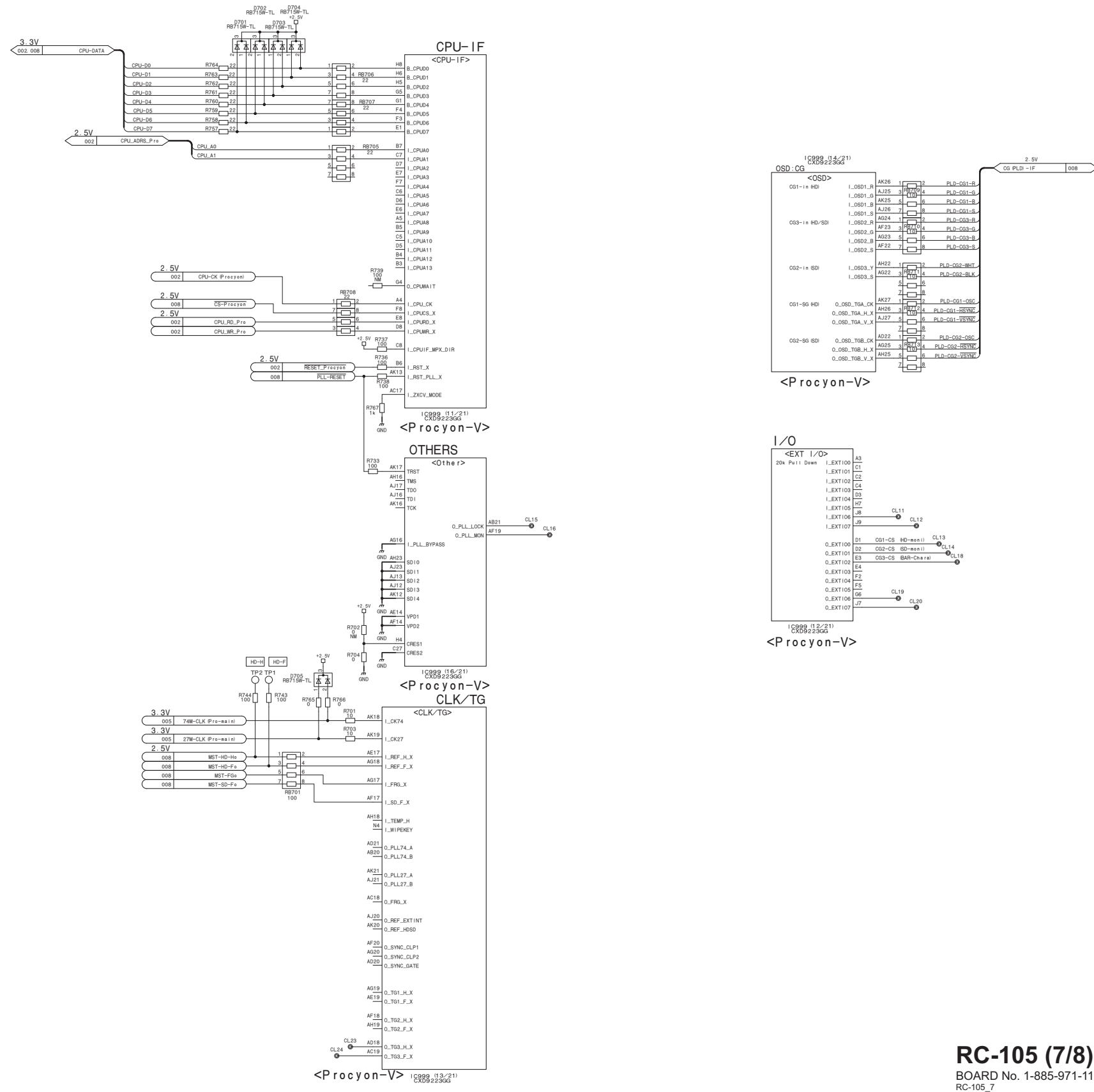
RC-105 (5/8)



RC-105 (5/8)
BOARD No. 1-885-971-11
RC-105_5



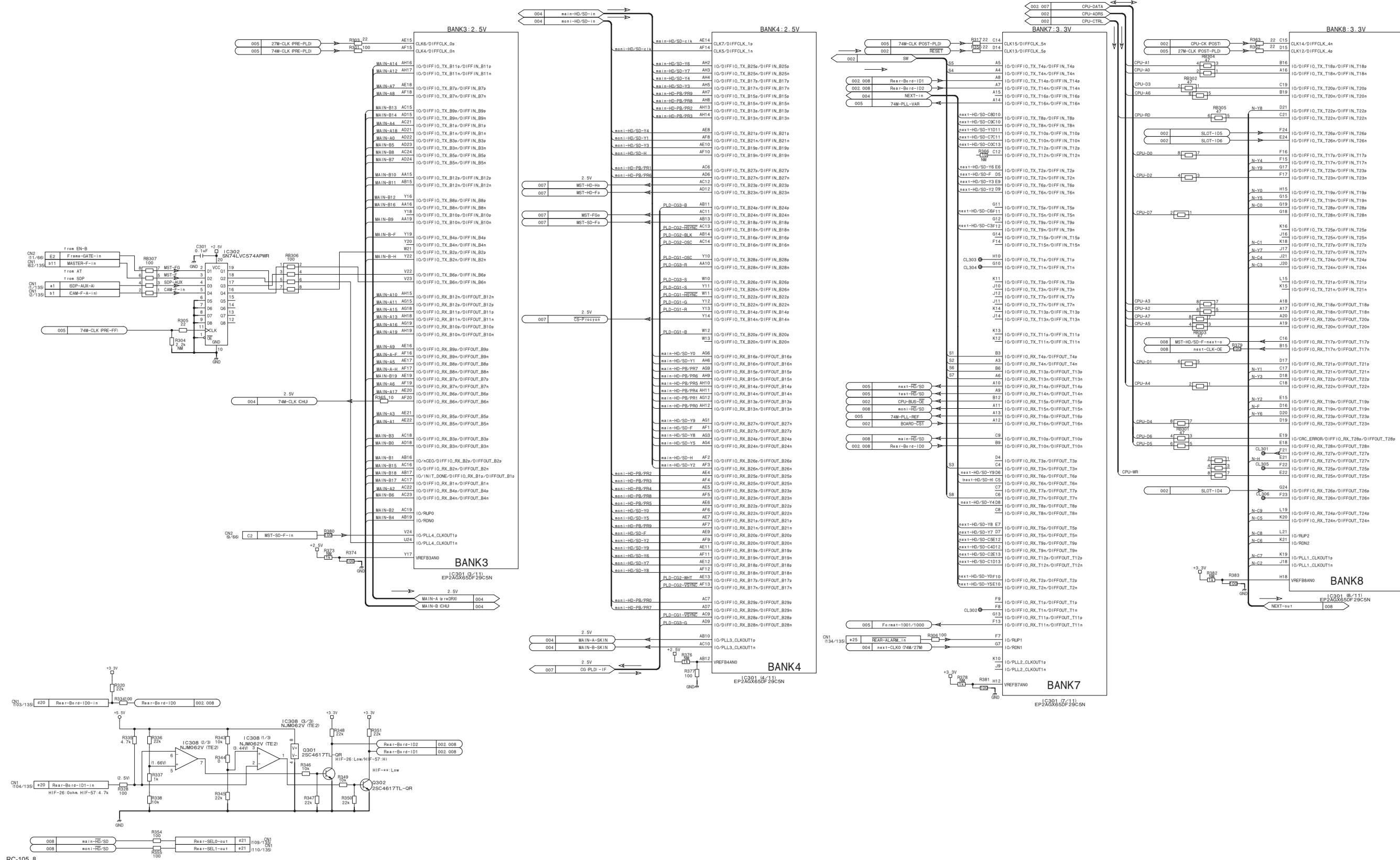
RC-105 (7/8)



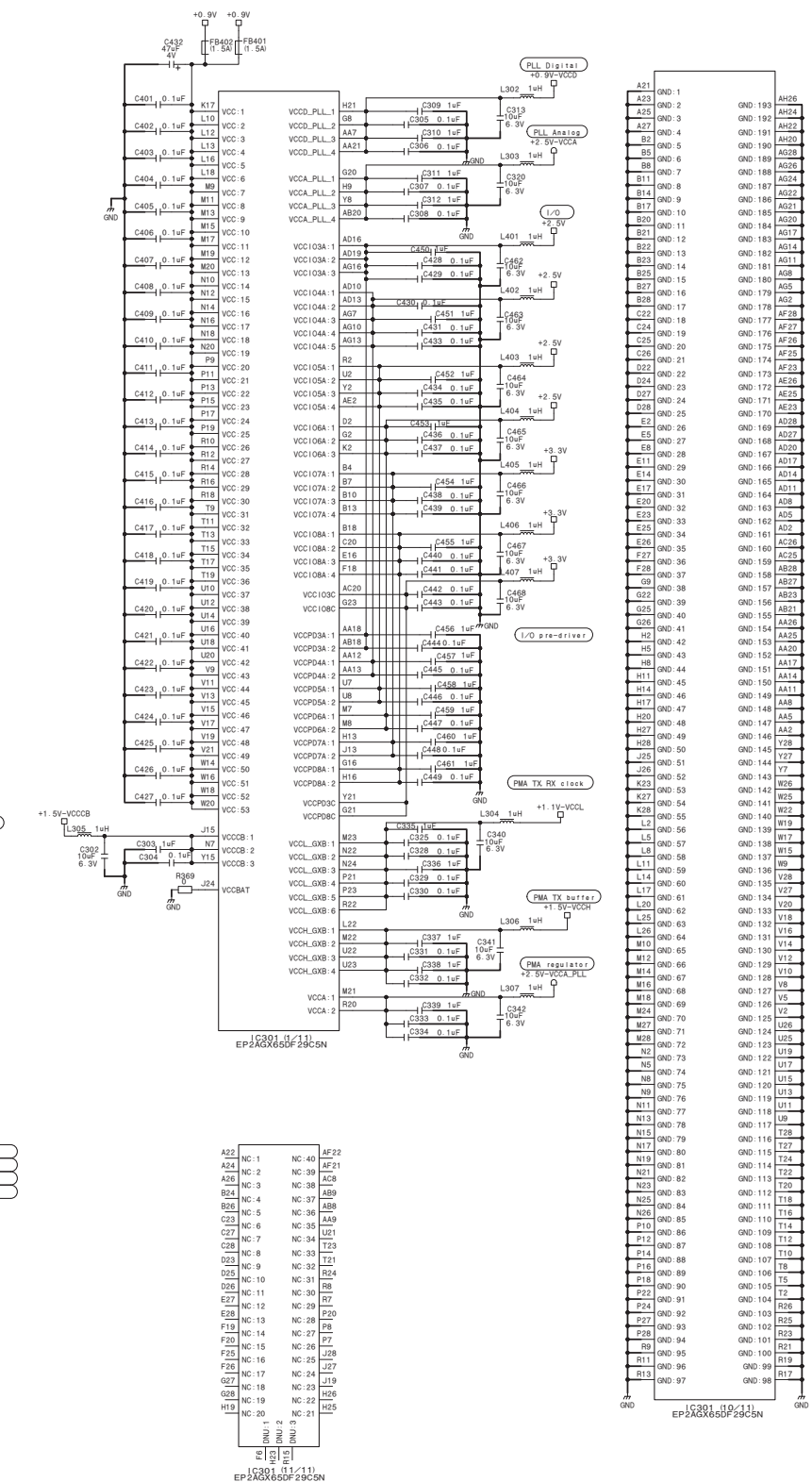
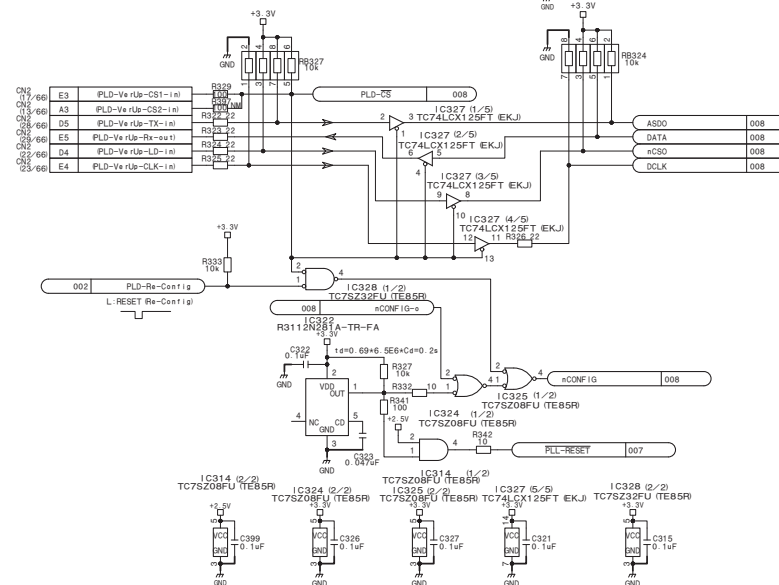
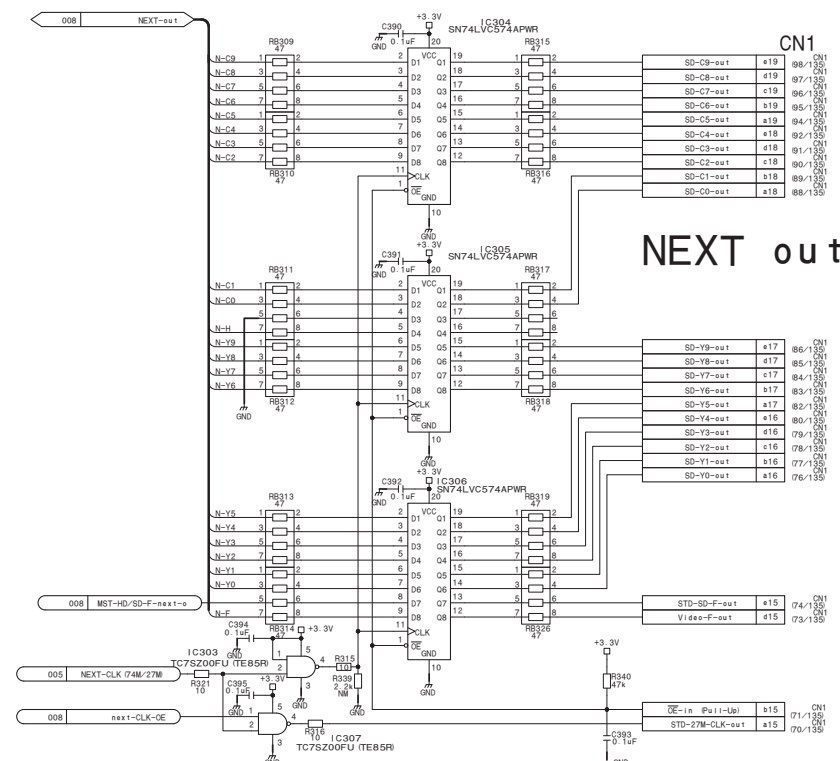
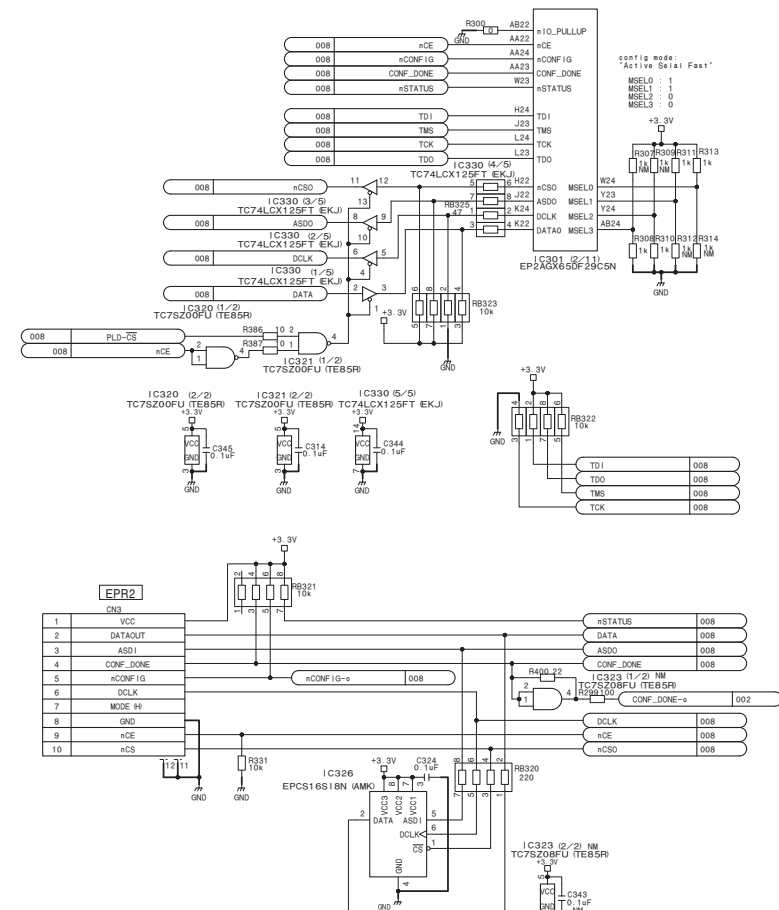
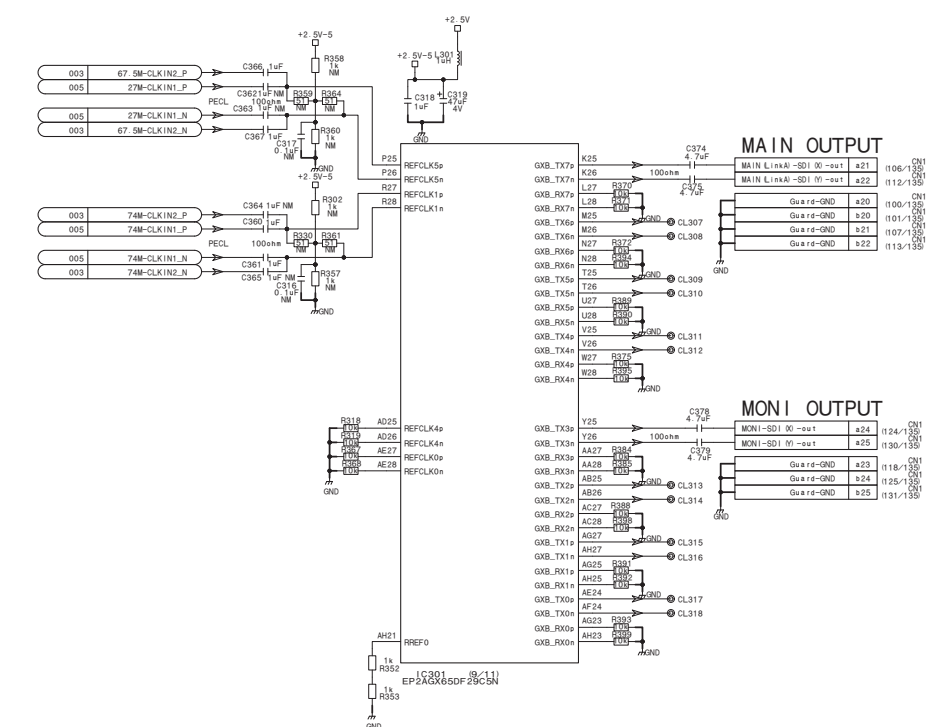
RC-105 (7/8)

BOARD No. 1-885-971-11
RC-105_7

RC-105 (8/8)_L

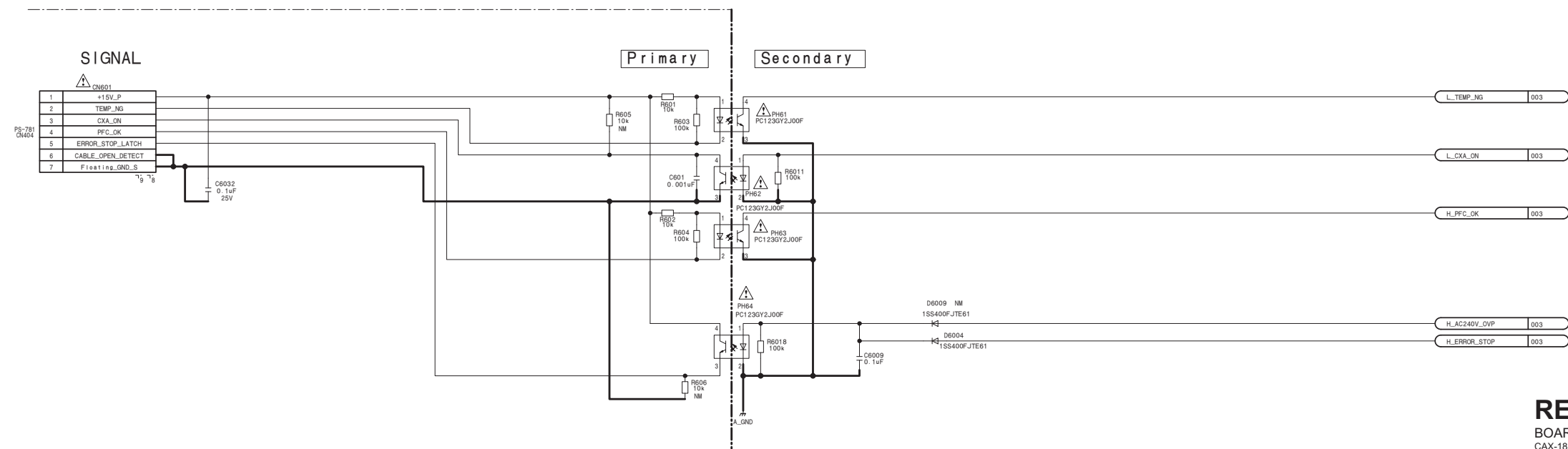
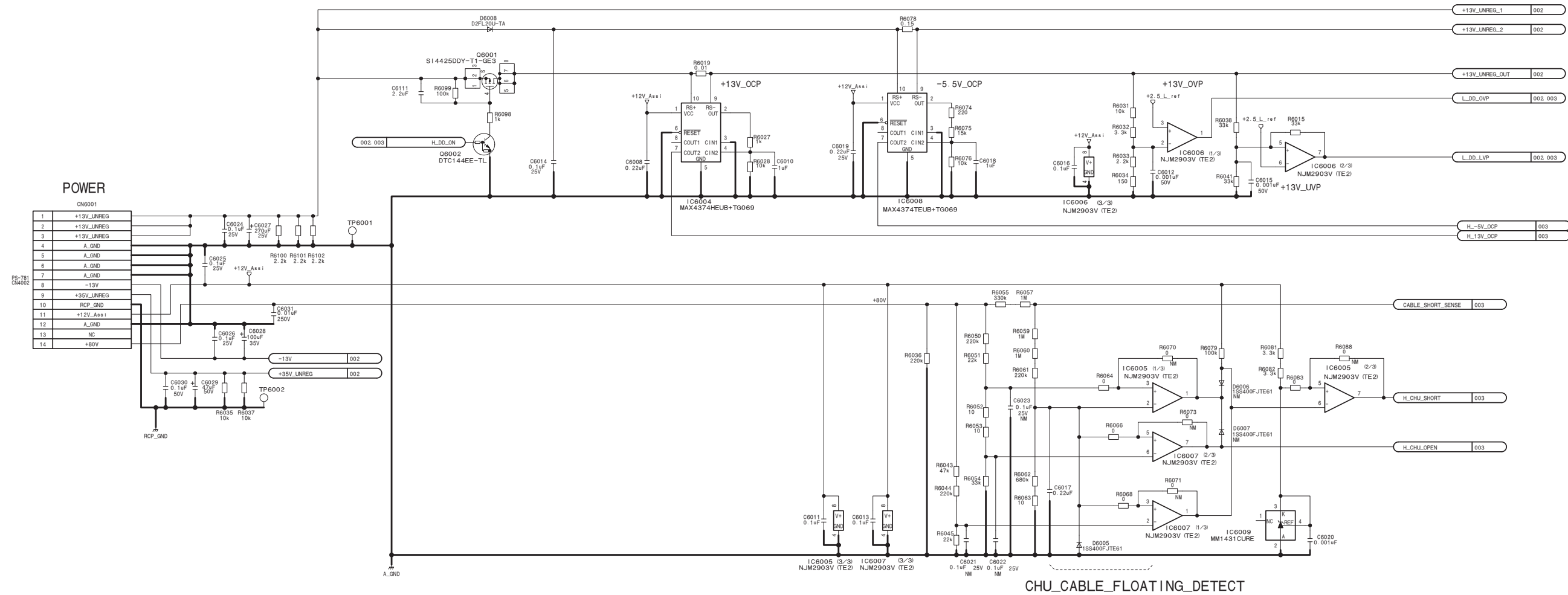


RC-105 (8/8)_R



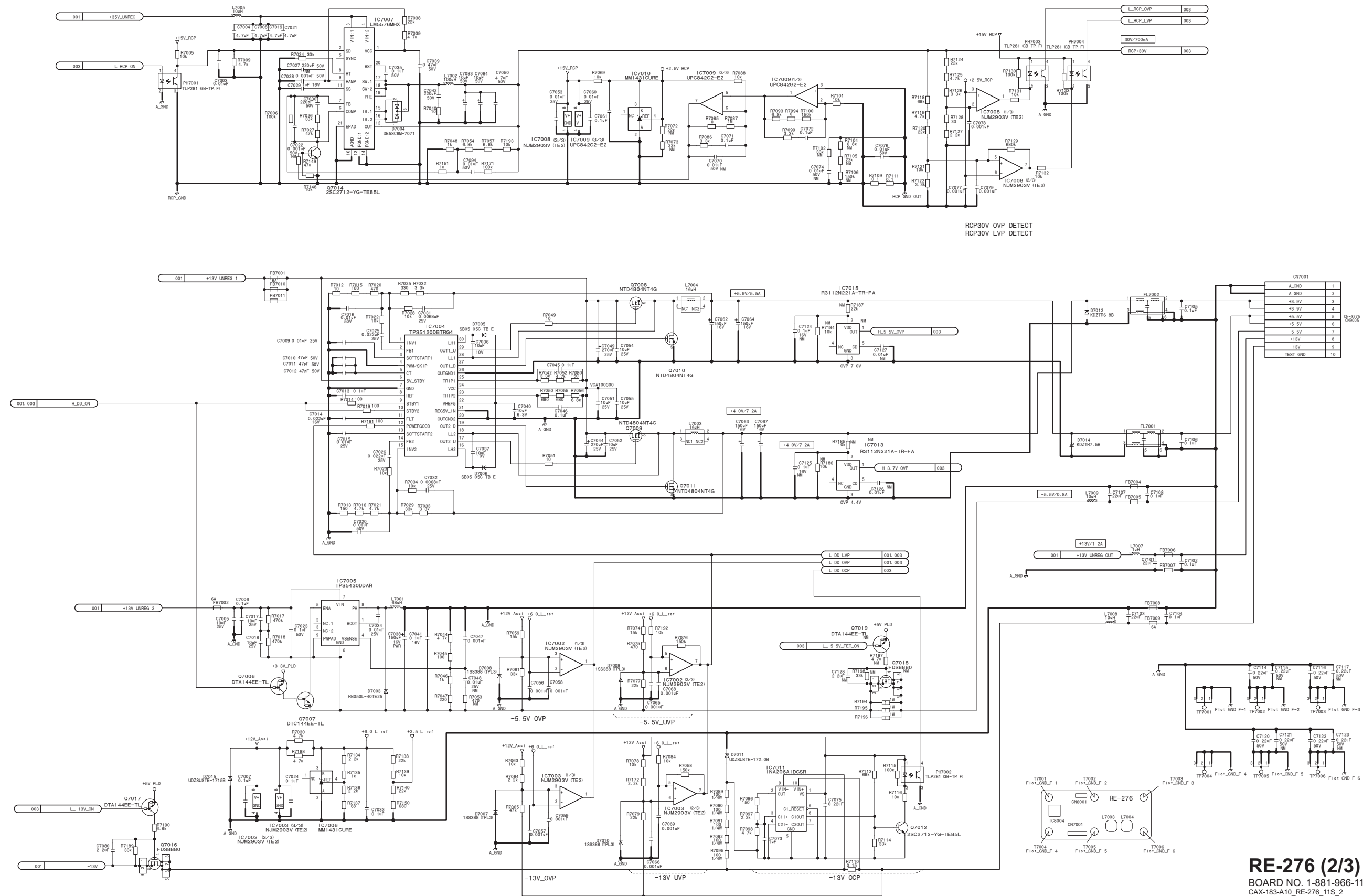
RC-105 (8/8)
BOARD No. 1-885-971-11
RC-105_8

RE-276
RE-276 (1/3)

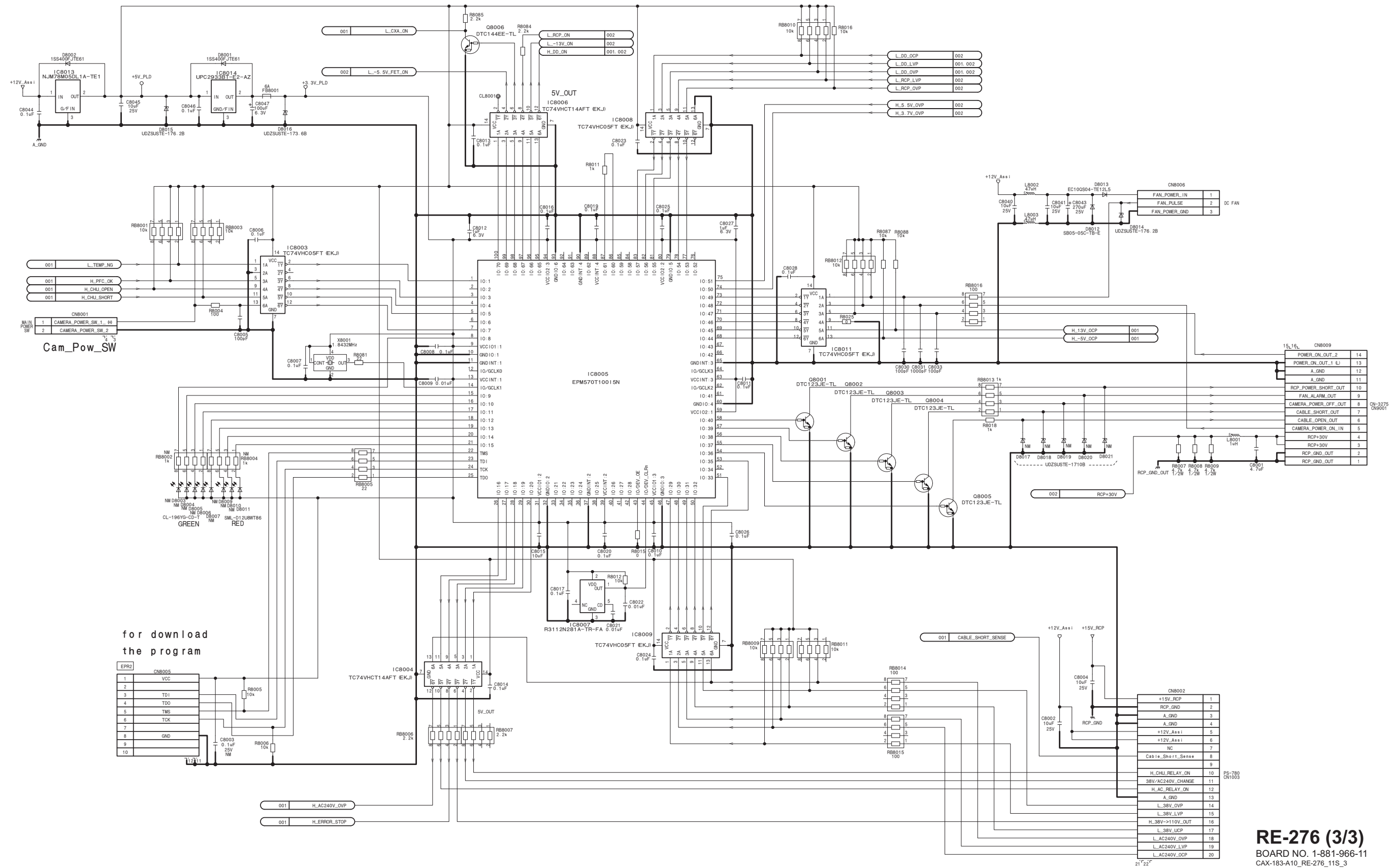


RE-276 (1/3)
BOARD NO. 1-881-966-11
CAX-183-A10_RE-276_11S_1

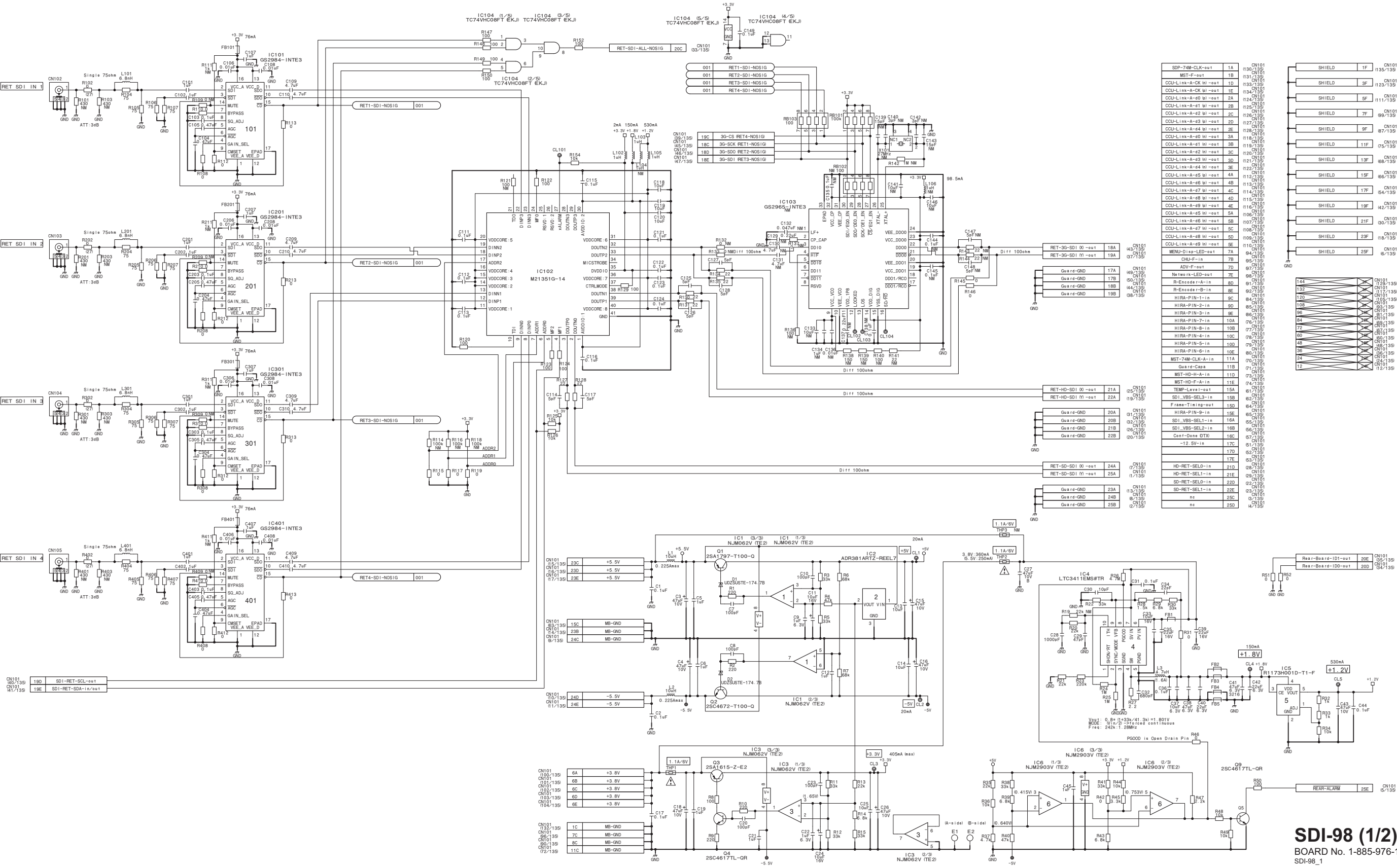
RE-276 (2/3)



RE-276 (2/3)
BOARD NO. 1-881-966-11
CAX-183-A10_RE-276_11S_2

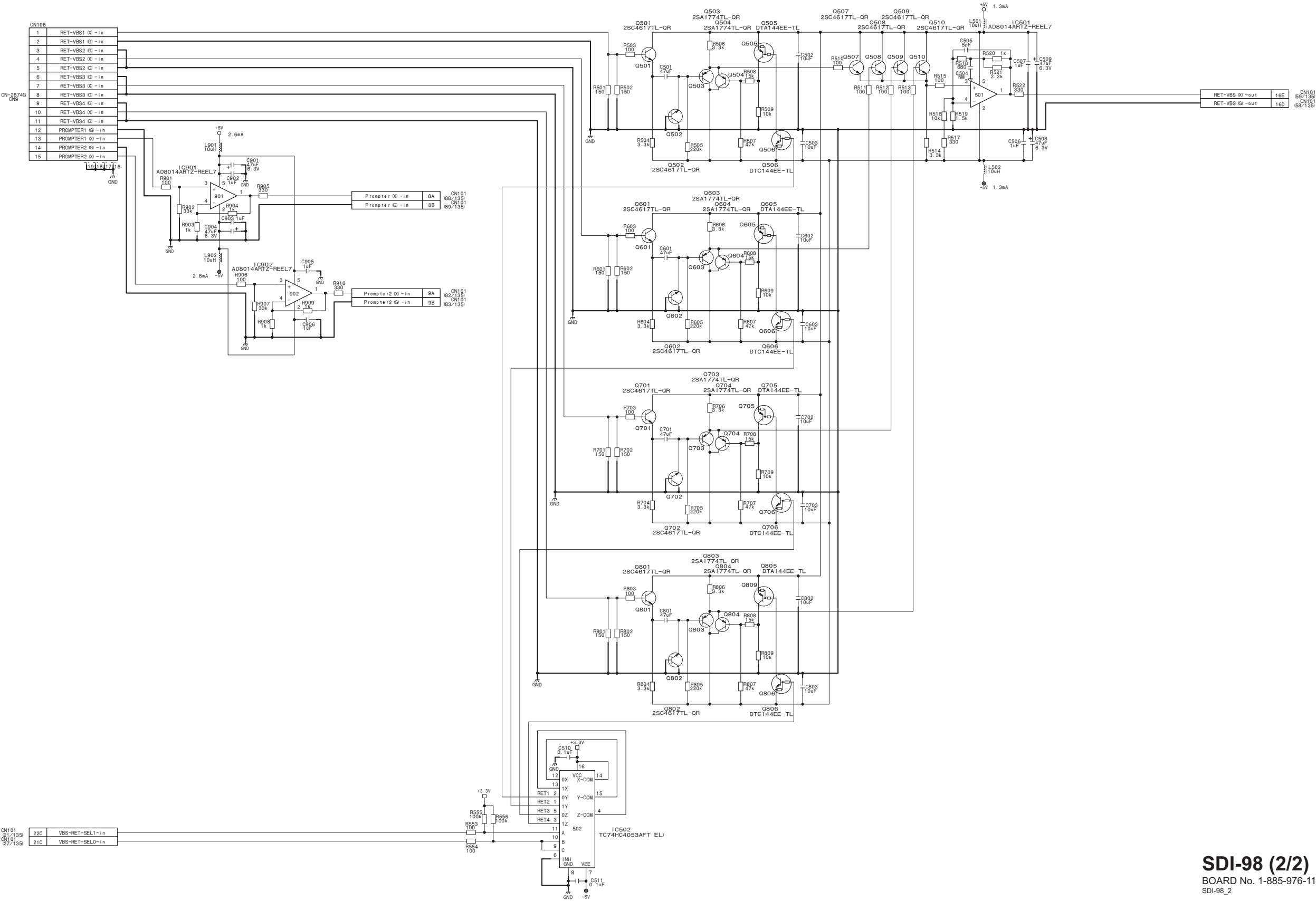


SDI-98
SDI-98 (1/2)



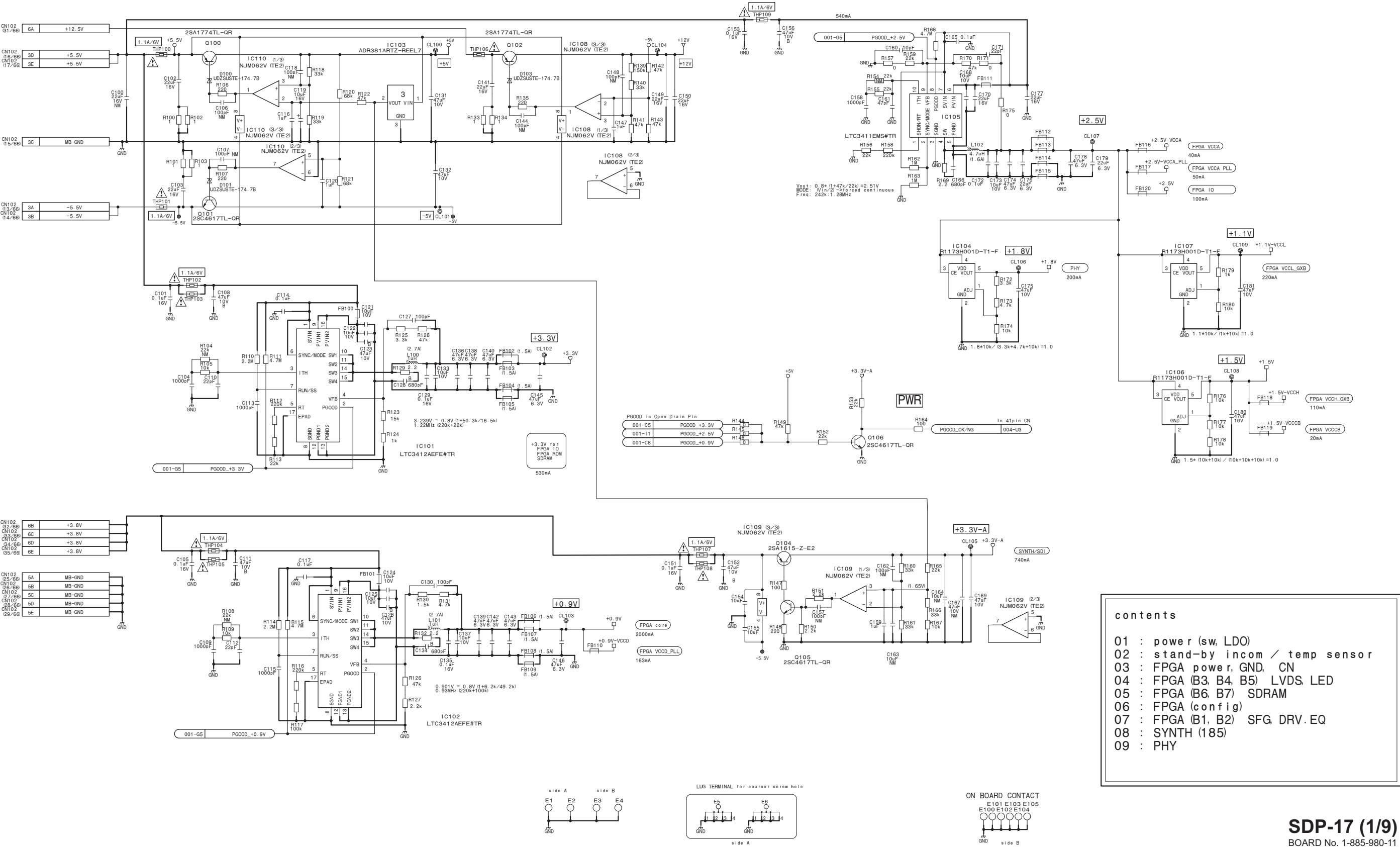
SDI-98 (1/2)
BOARD No. 1-885-976-11
SDI-98_1

SDI-98 (2/2)



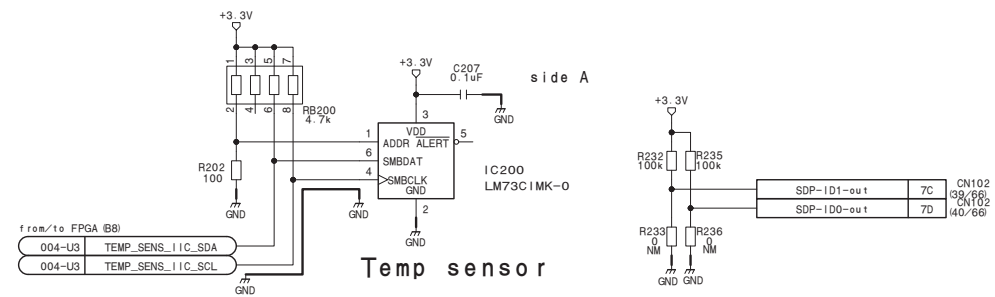
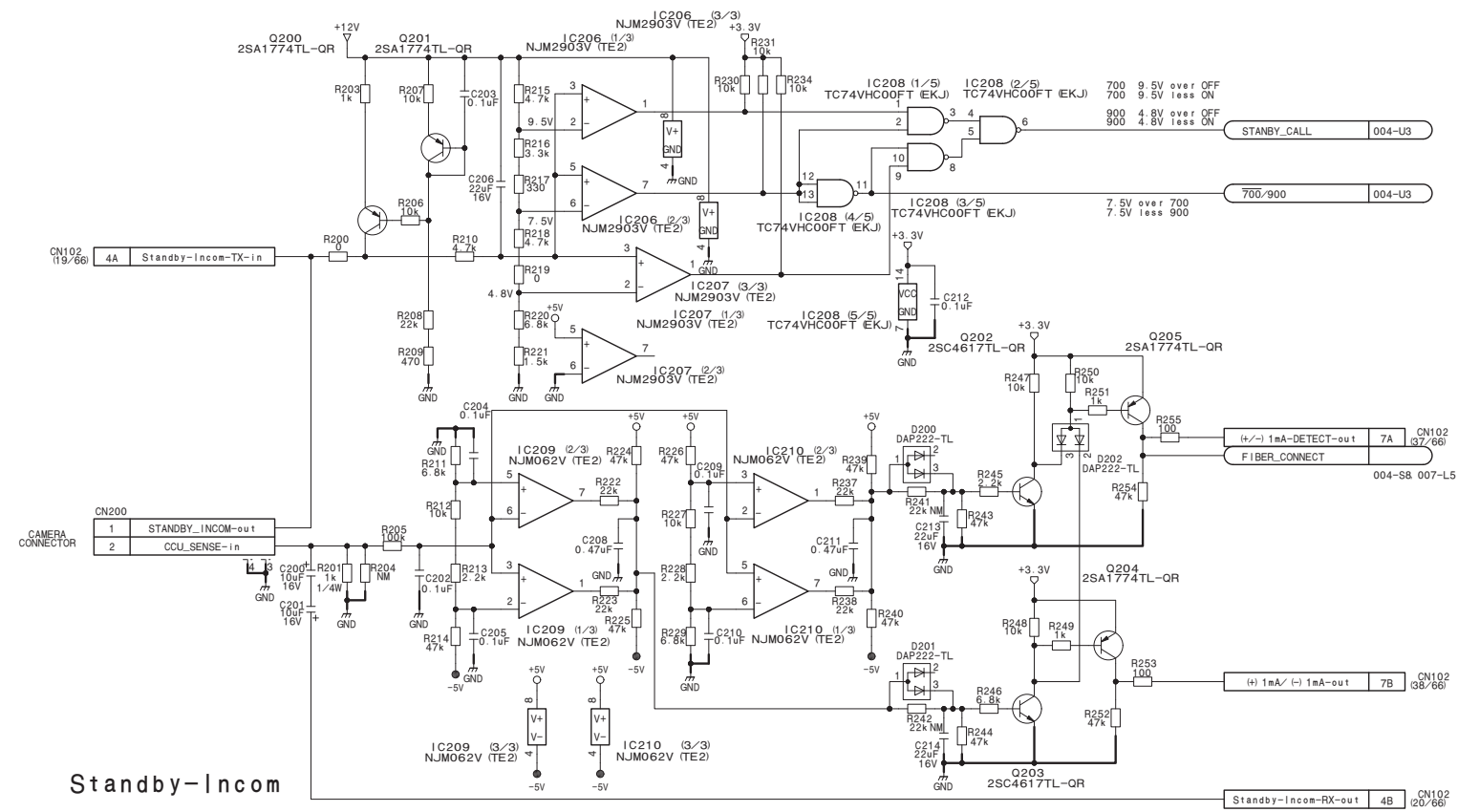
SDI-98 (2/2)
BOARD No. 1-885-976-11
SDI-98_2

SDP-17
SDP-17 (1/9)



SDP-17 (1/9)
BOARD No. 1-885-980-11
SDP-17_1

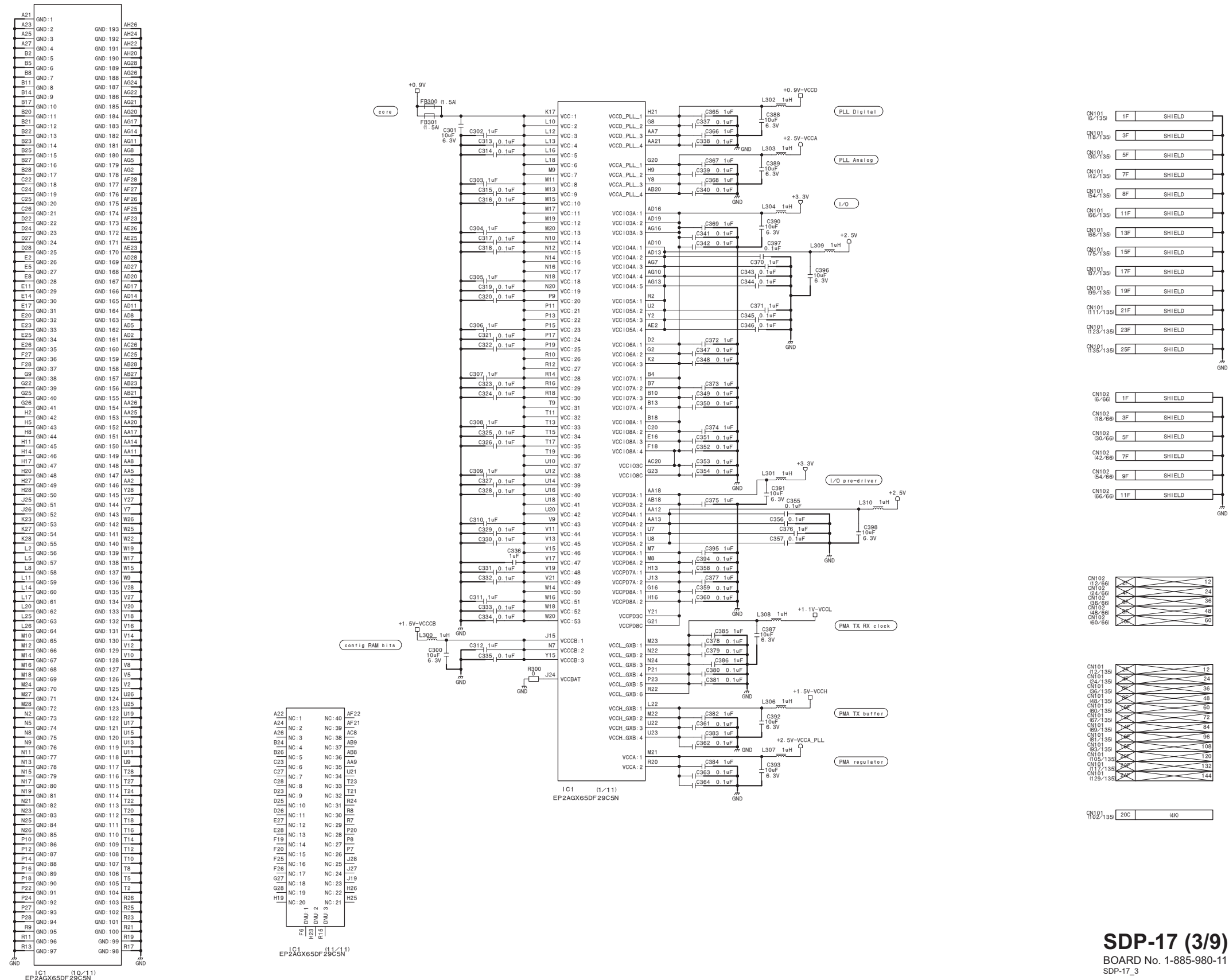
SDP-17 (2/9)



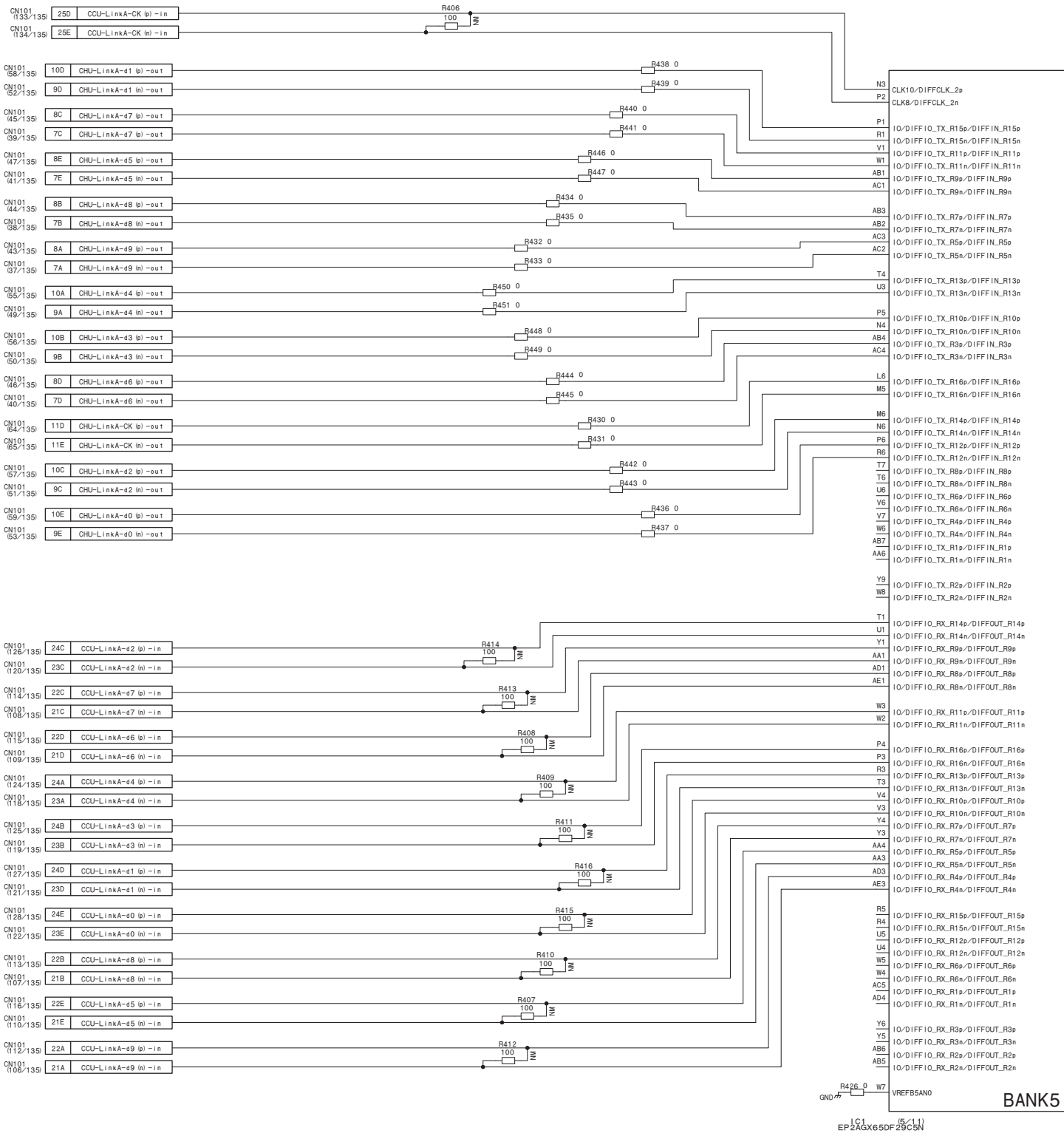
SDP-17 (2/9)

BOARD No. 1-885-980-11
SDP-17_2

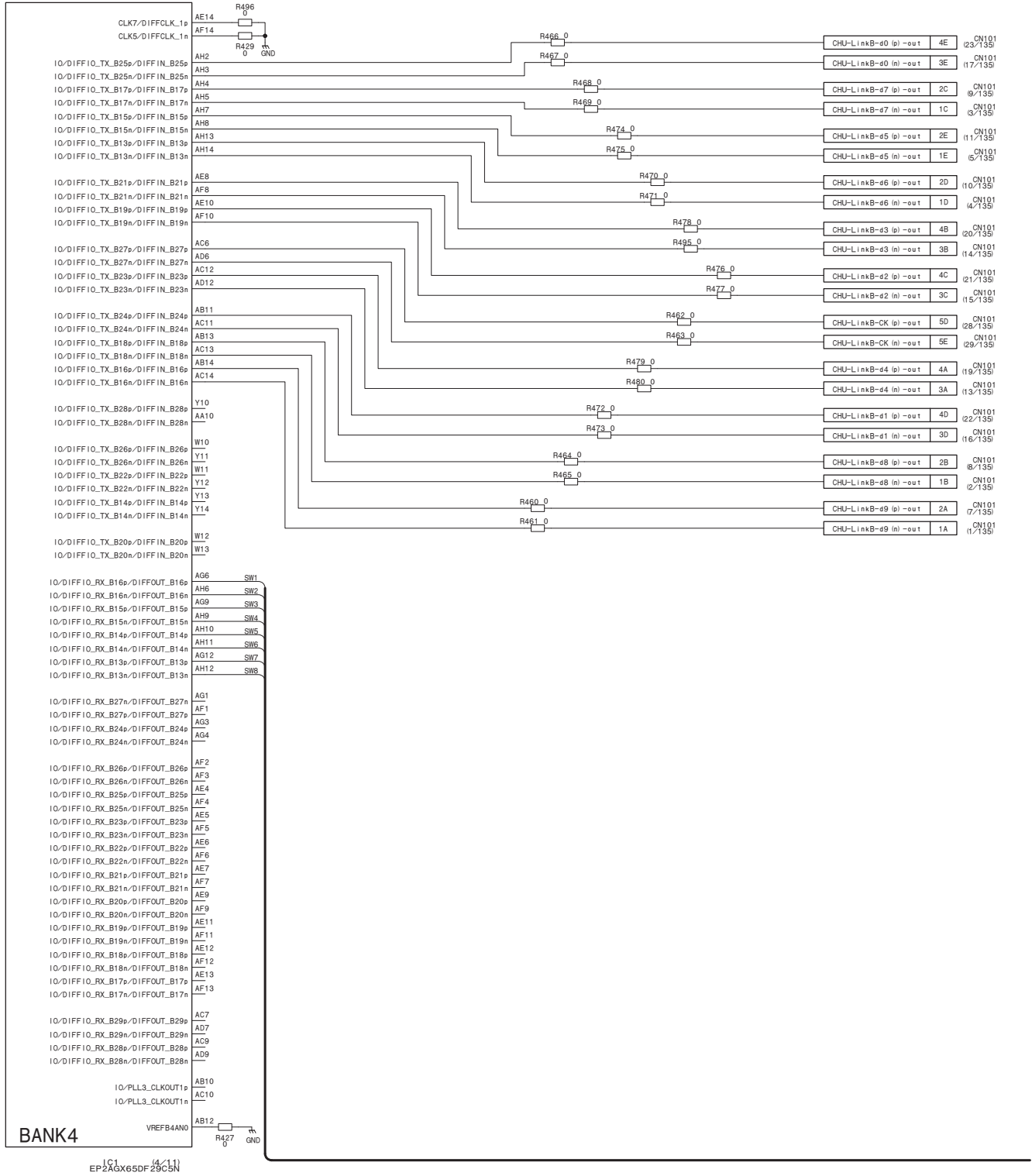
SDP-17 (3/9)



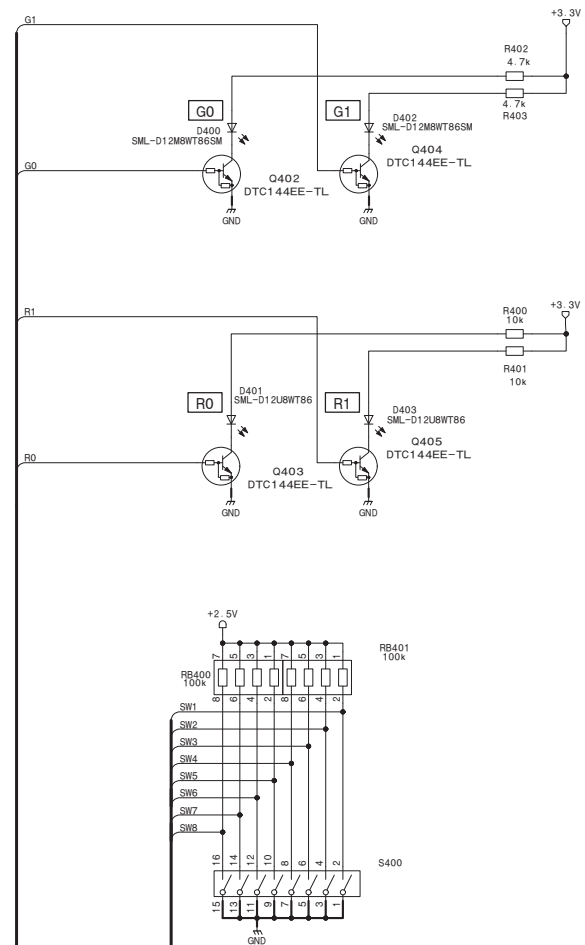
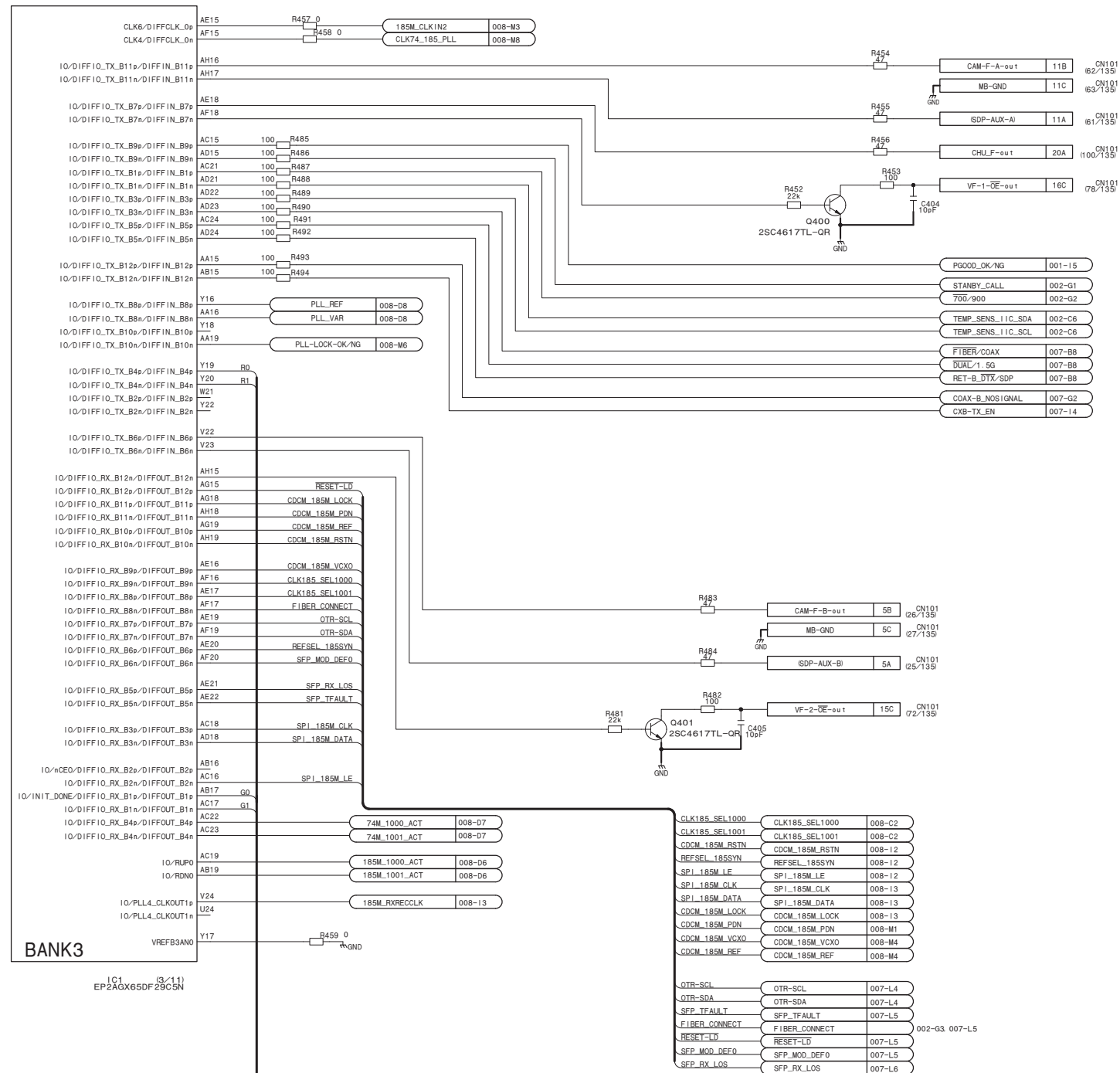
SDP-17 (4/9)_L



SDP-17_4



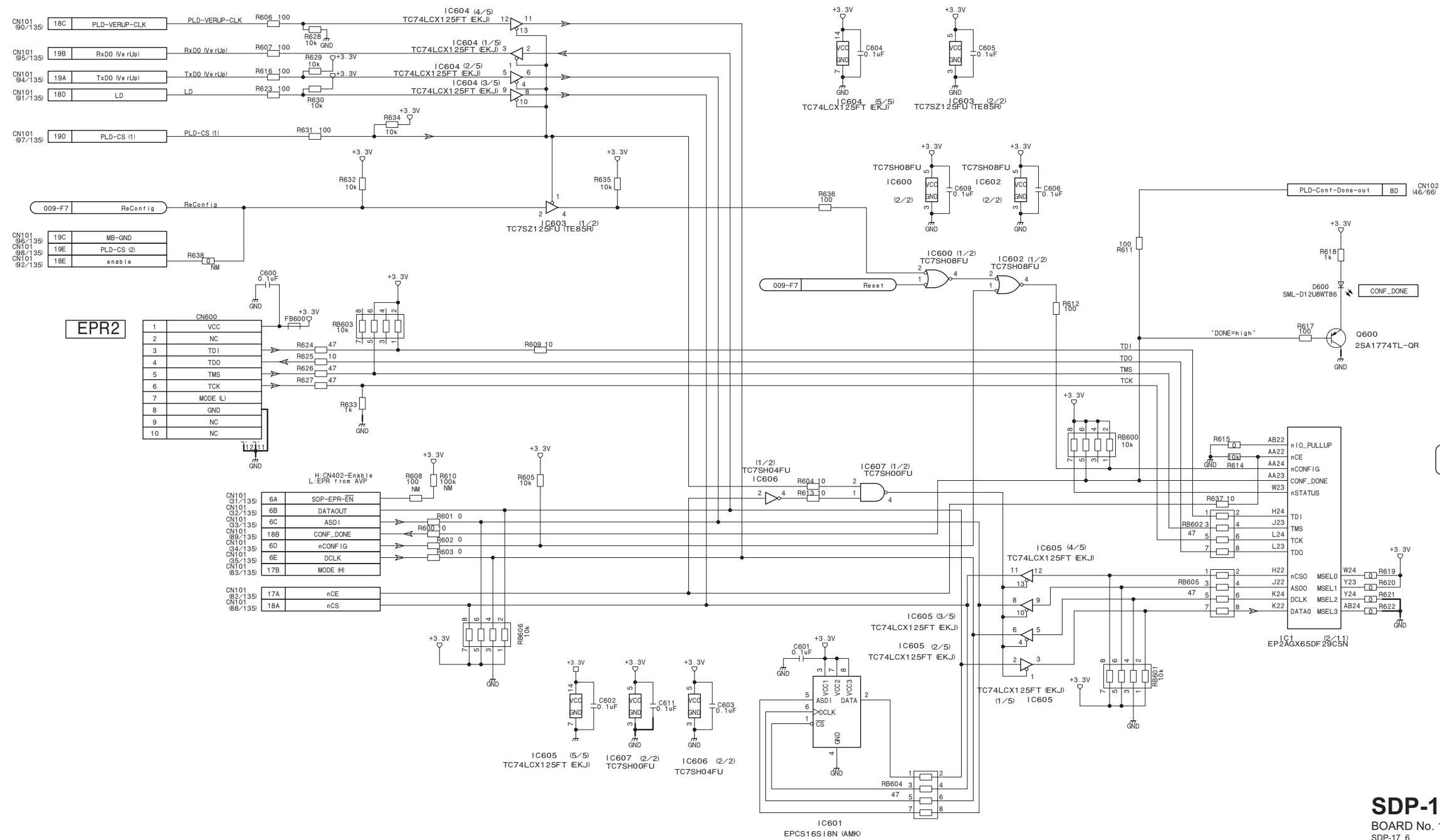
SDP-17 (4/9)_R



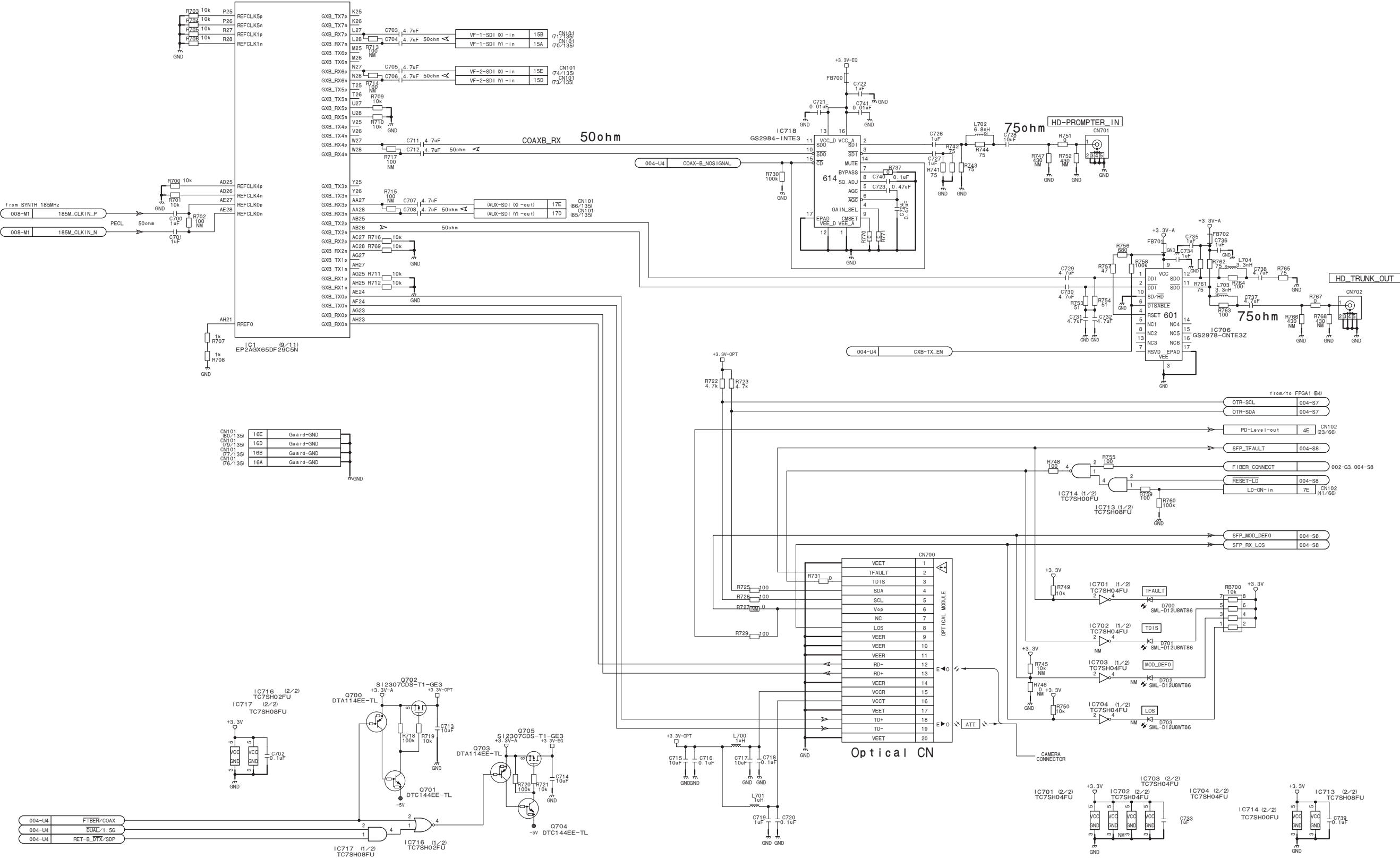
SDP-17 (4/9)
BOARD No. 1-885-980-11
SDP-17_4

HDCU2000

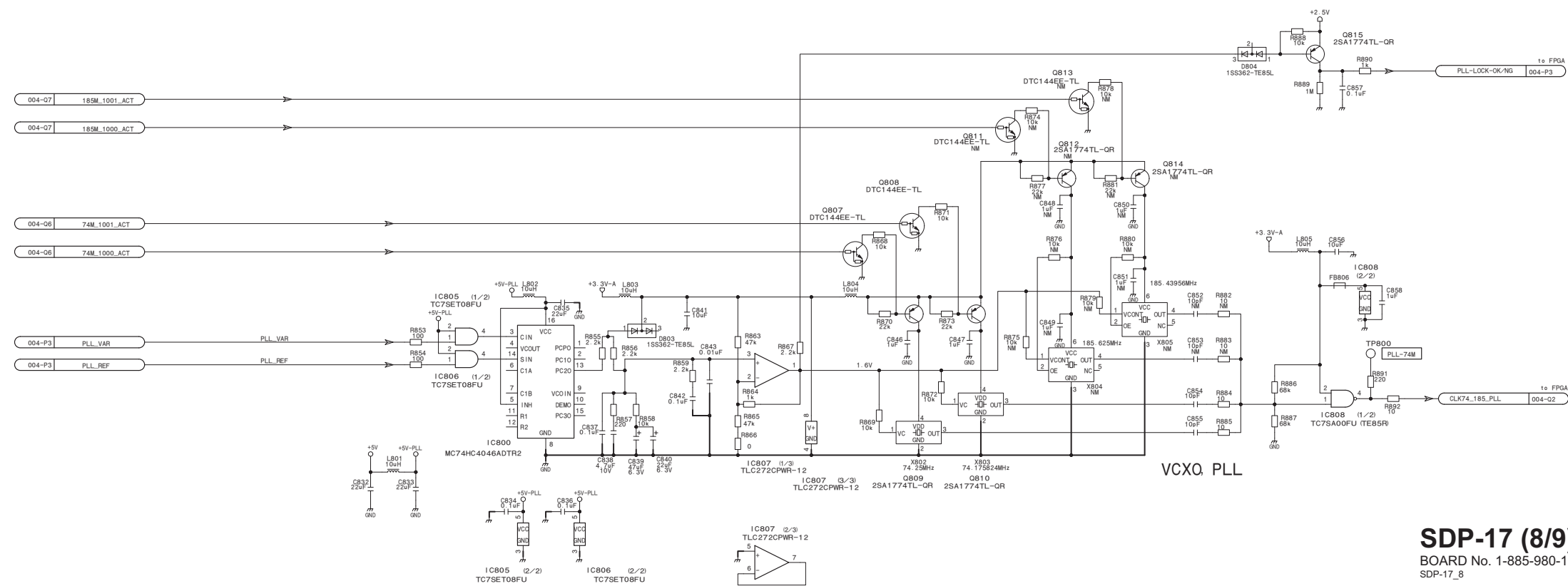
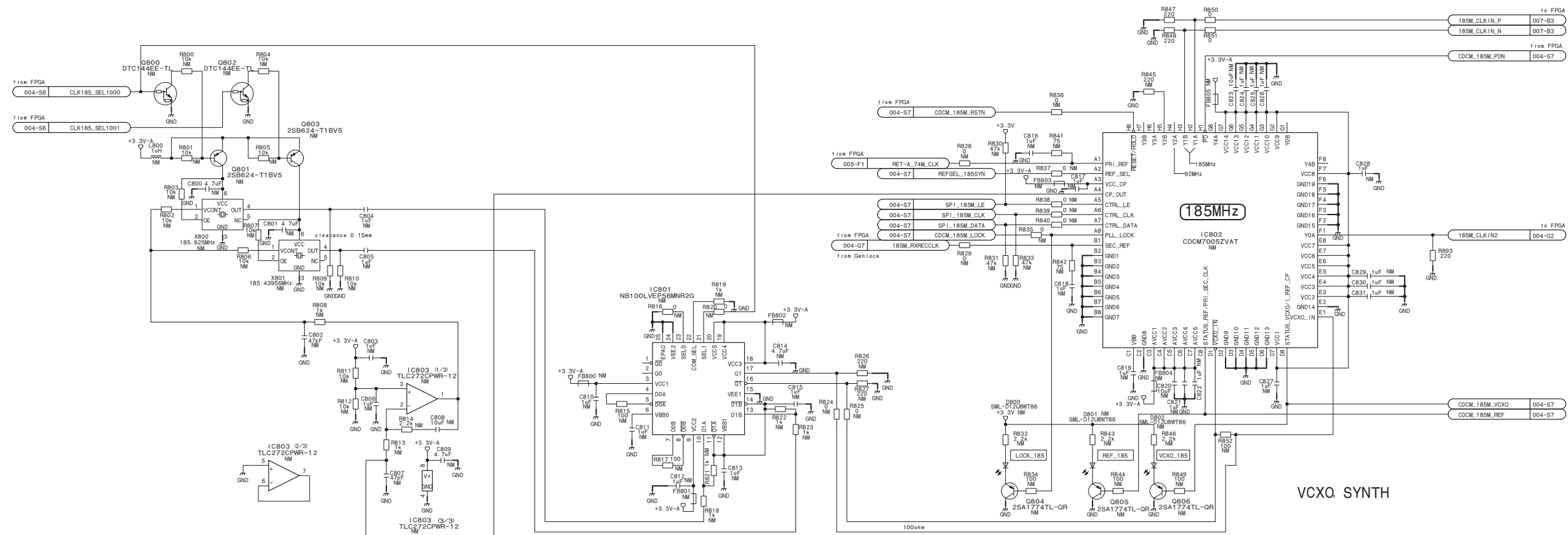
SDP-17 (6/9)



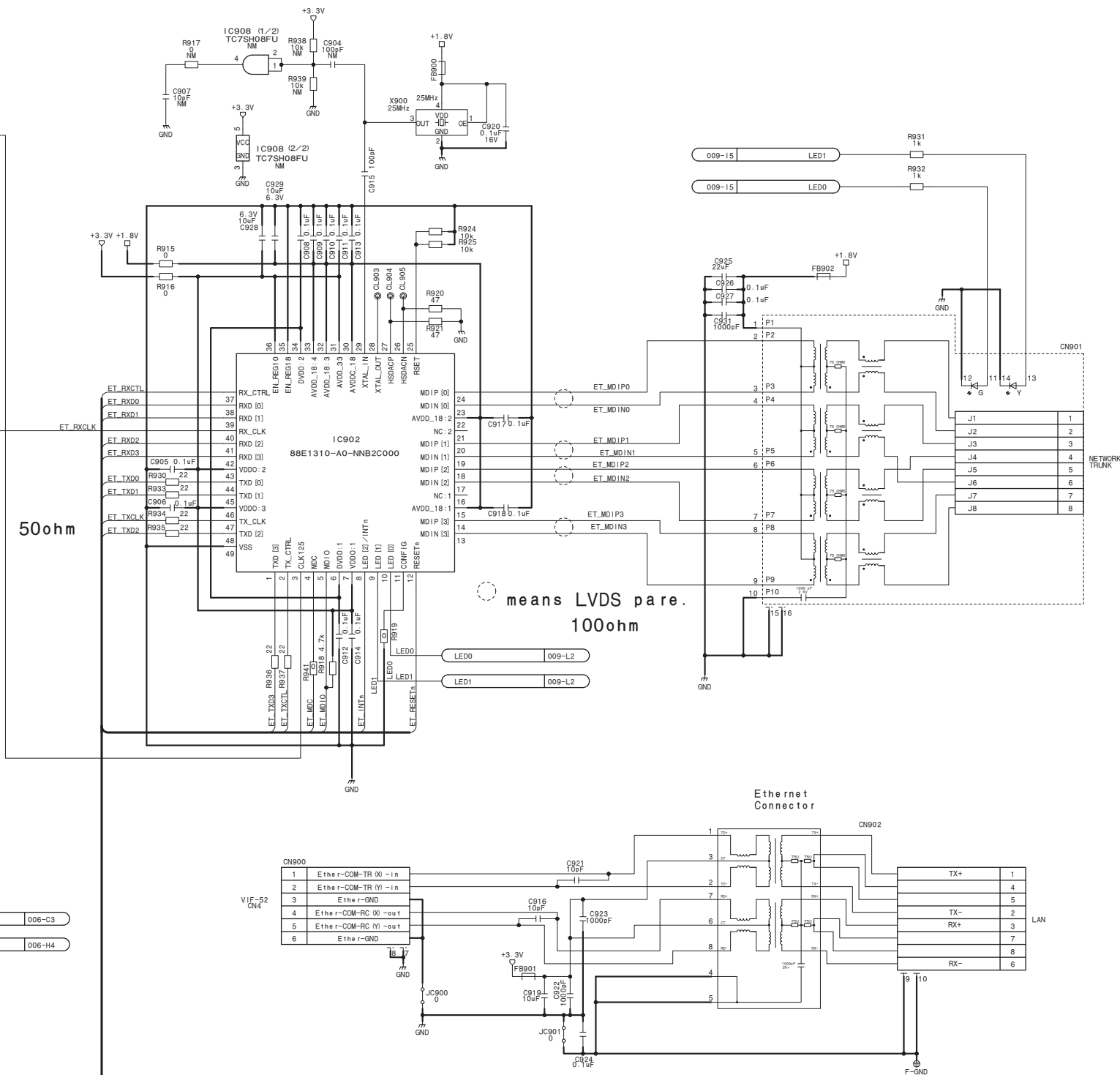
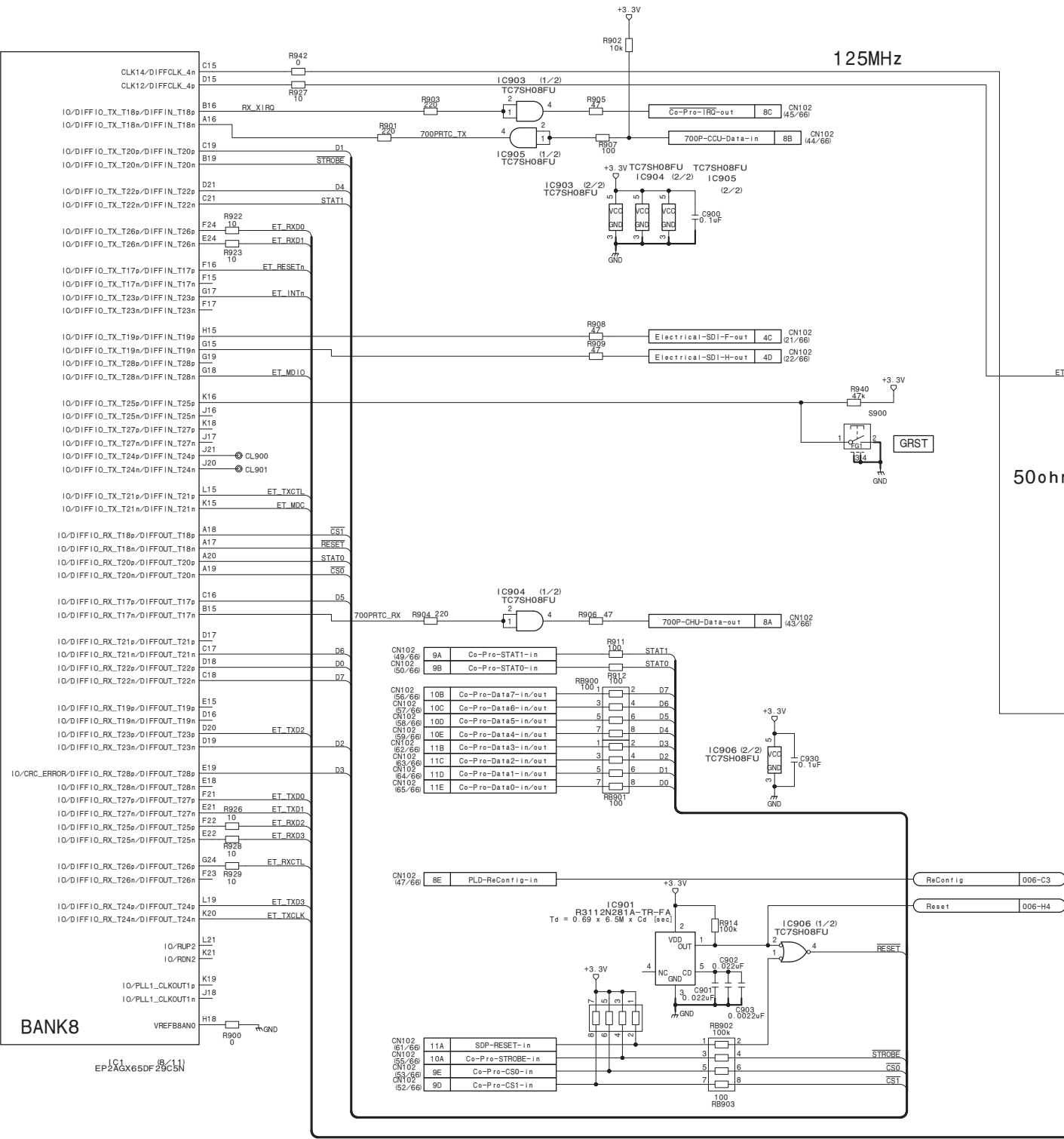
SDP-17 (6/9)
BOARD No. 1-885-980-11
SDP-17_6



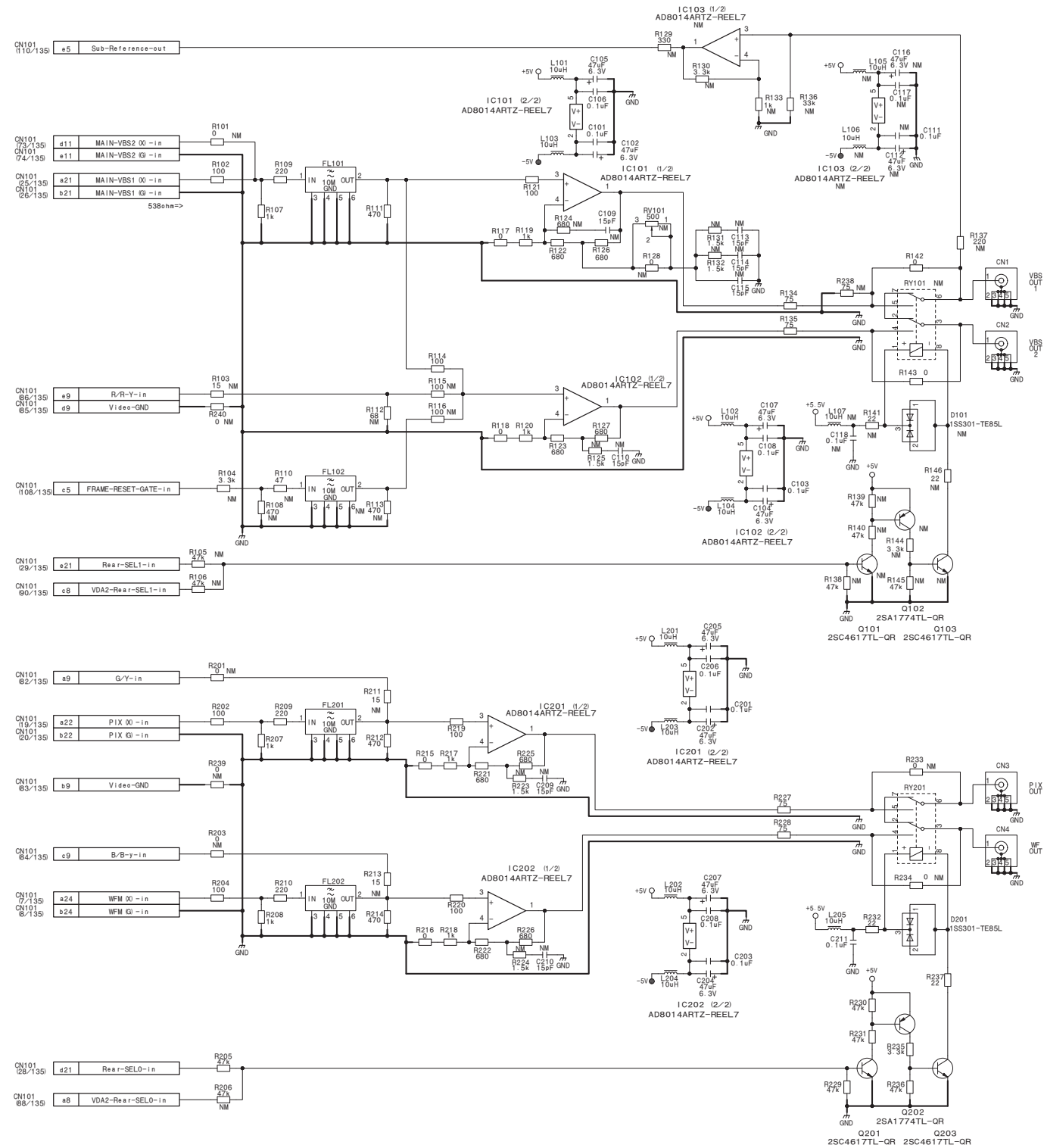
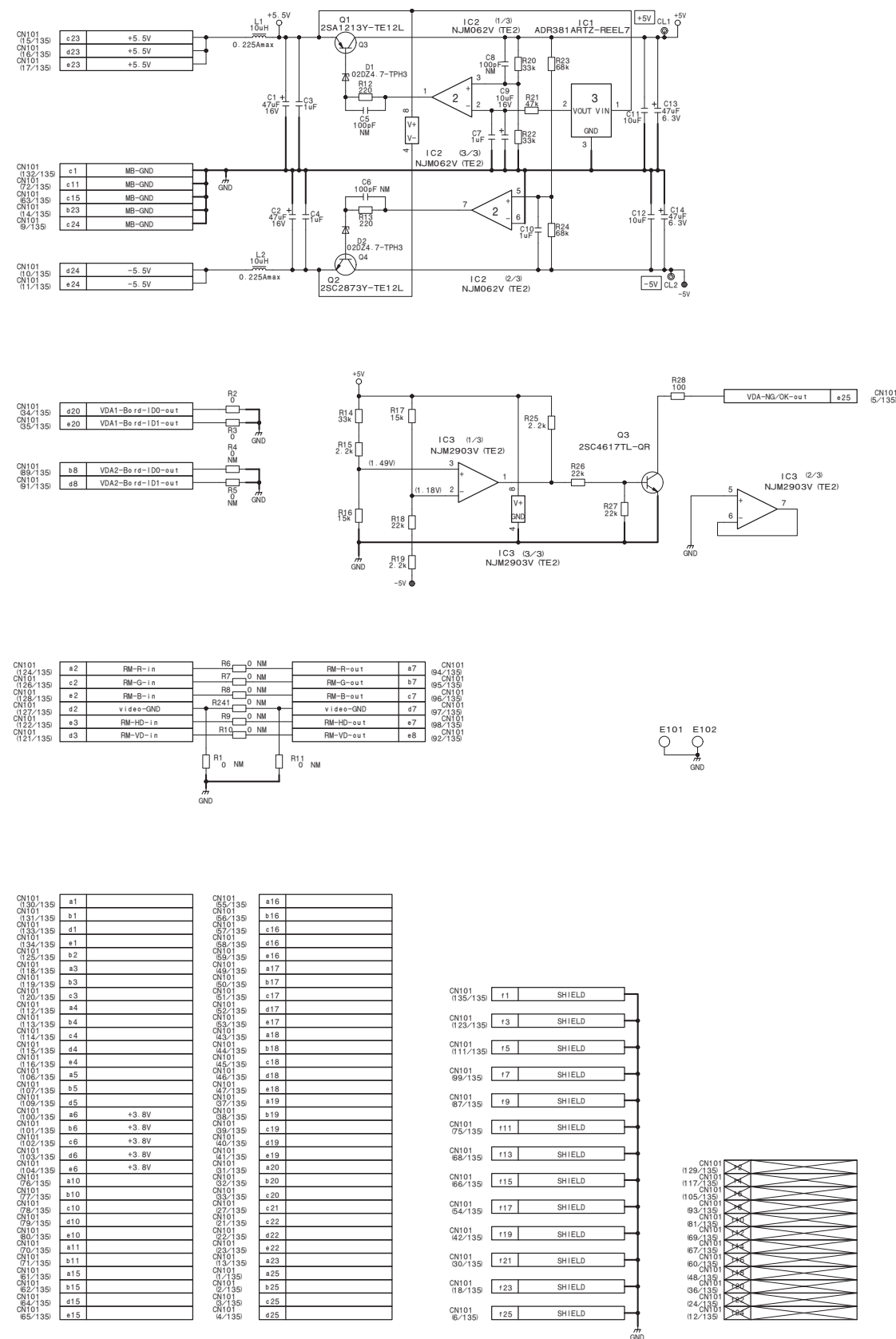
SDP-17 (8/9)



SDP-17 (8/9)
BOARD No. 1-885-980-11
SDP-17_8



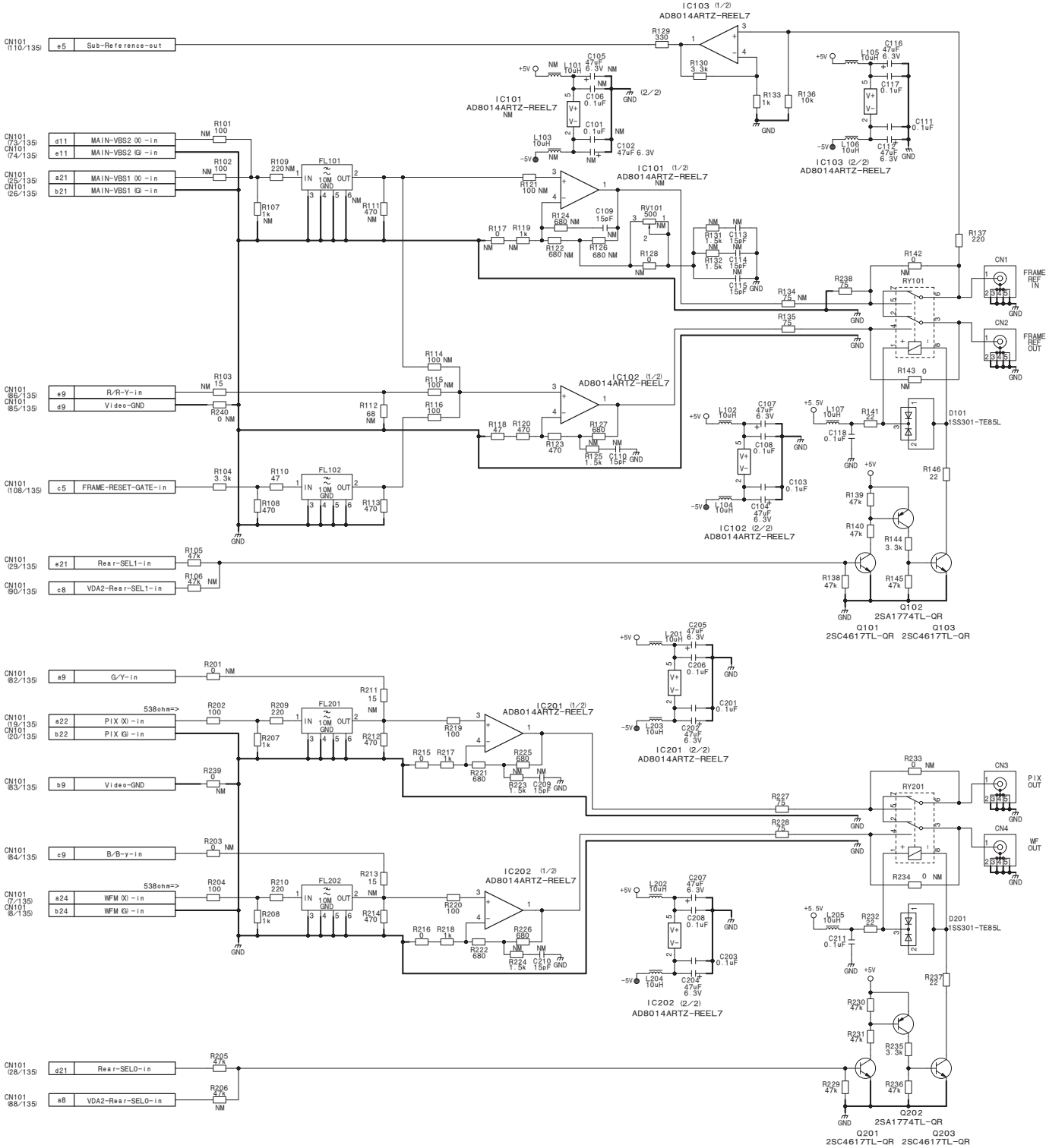
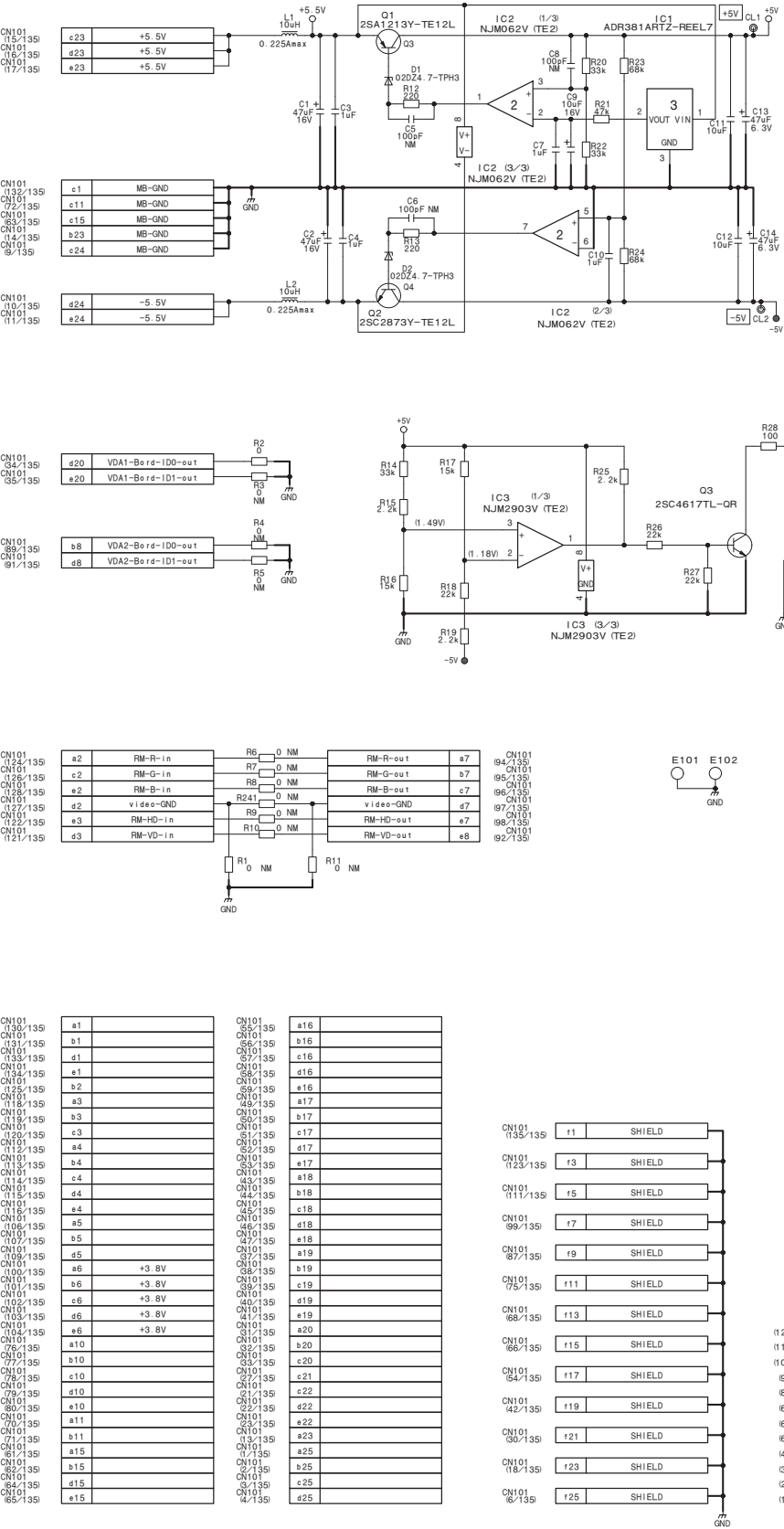
VDA-64A



VDA-64A

Option HKCU1001
BOARD No. 1-868-003-12
HKCU1001_VDA-64A_012_1

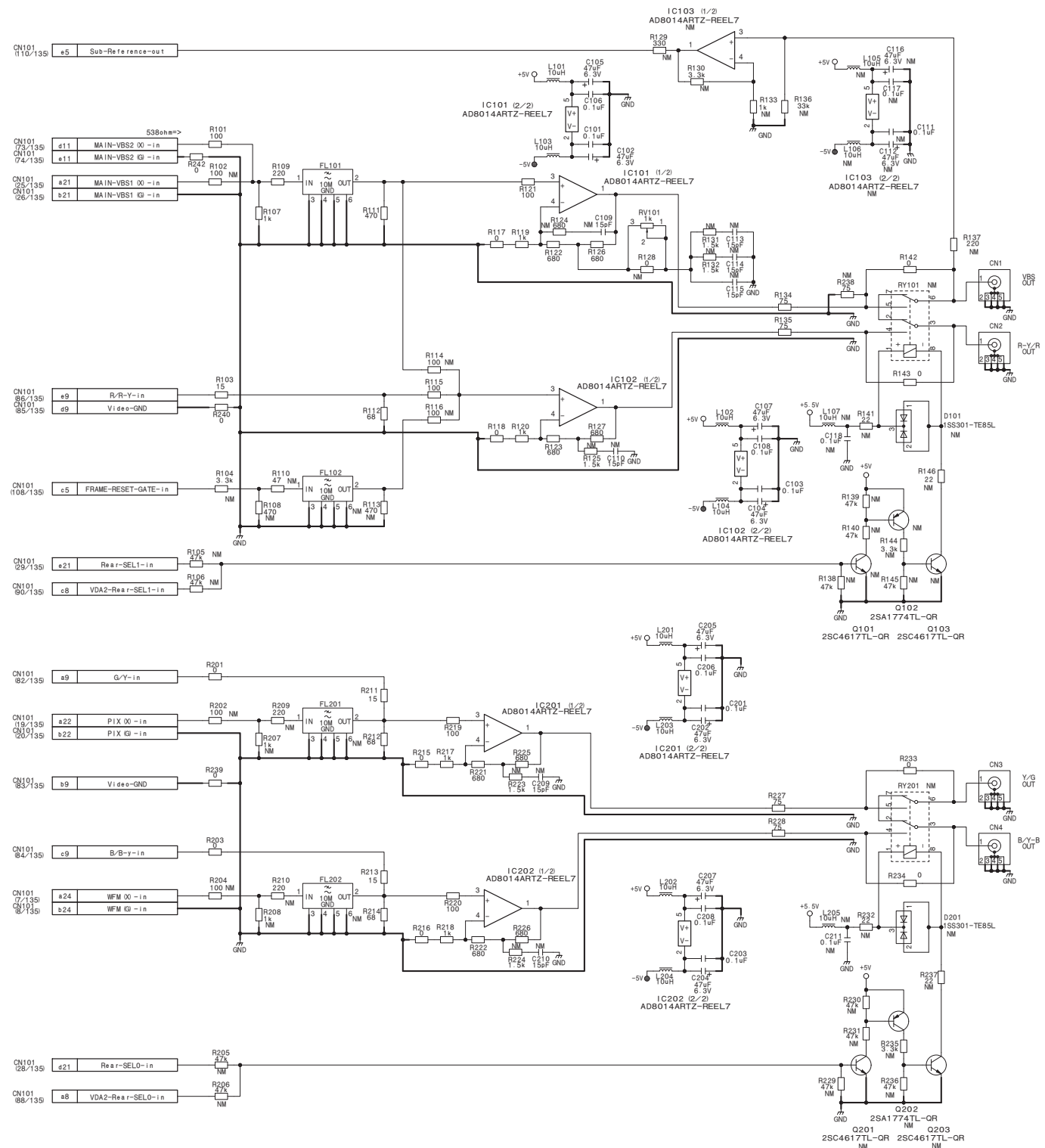
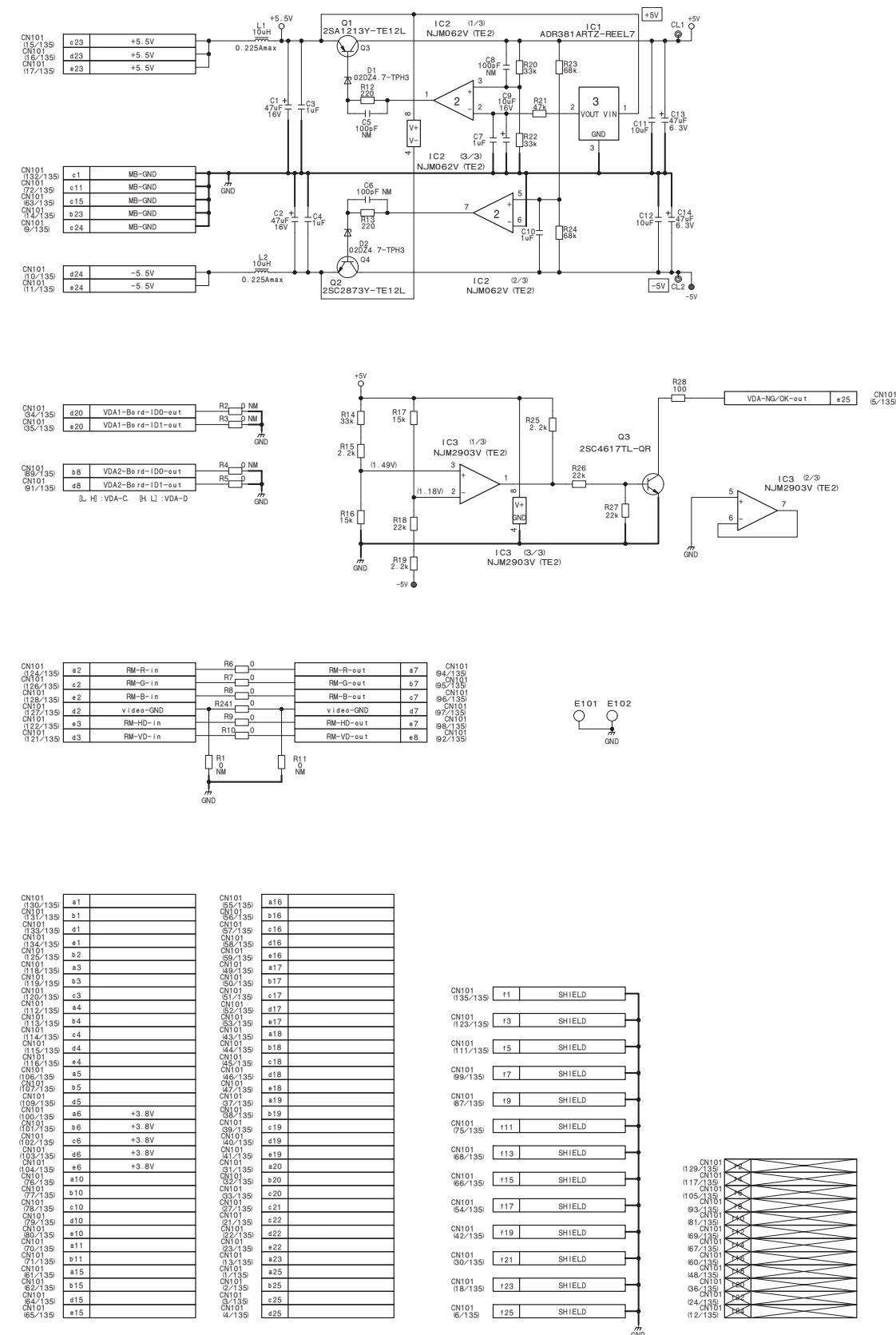
VDA-64B



VDA-64B

Option HKCU1003
BOARD No. 1-868-003-12
HKCU1003_VDA-64B_012_1

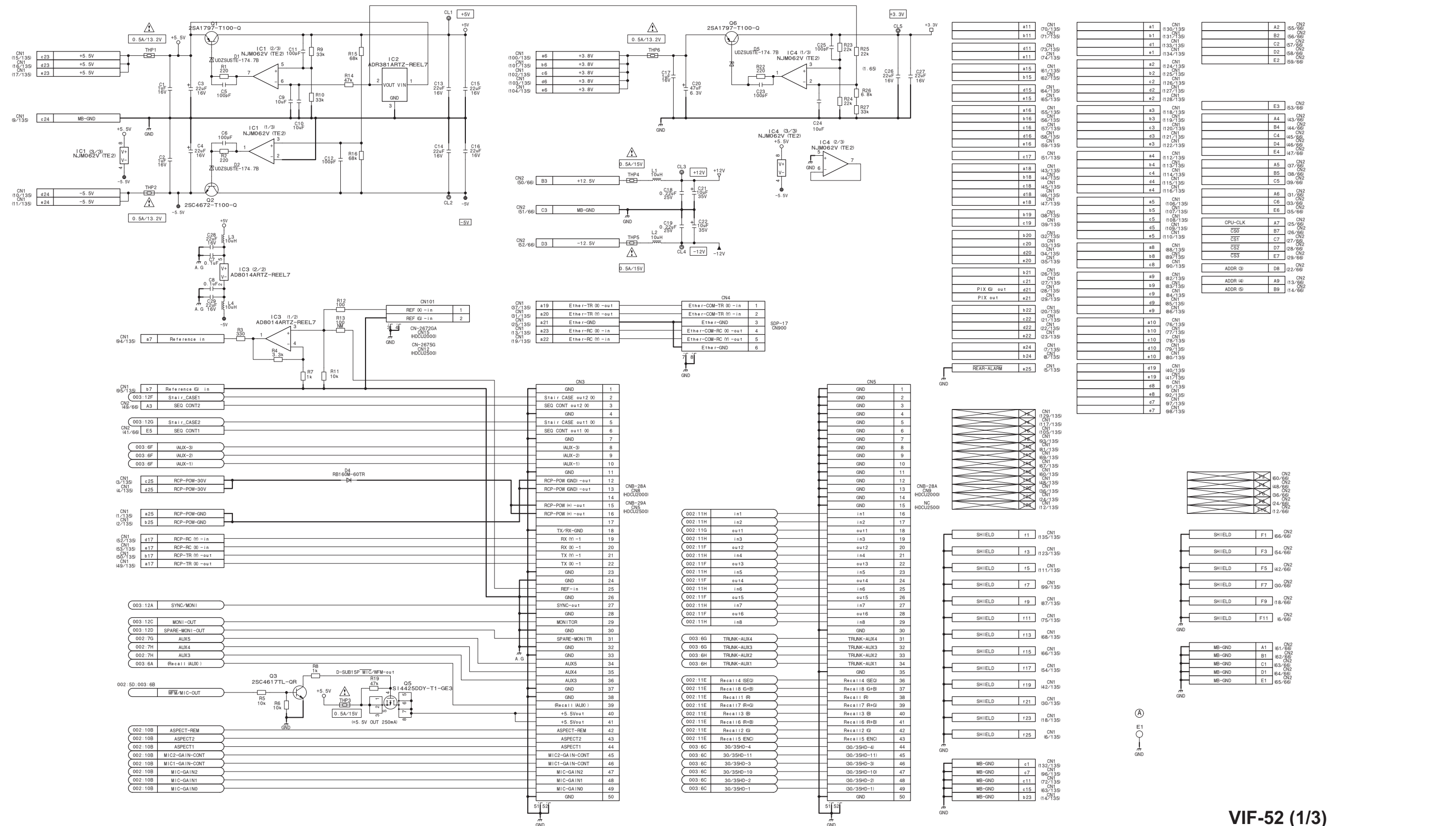
VDA-64C



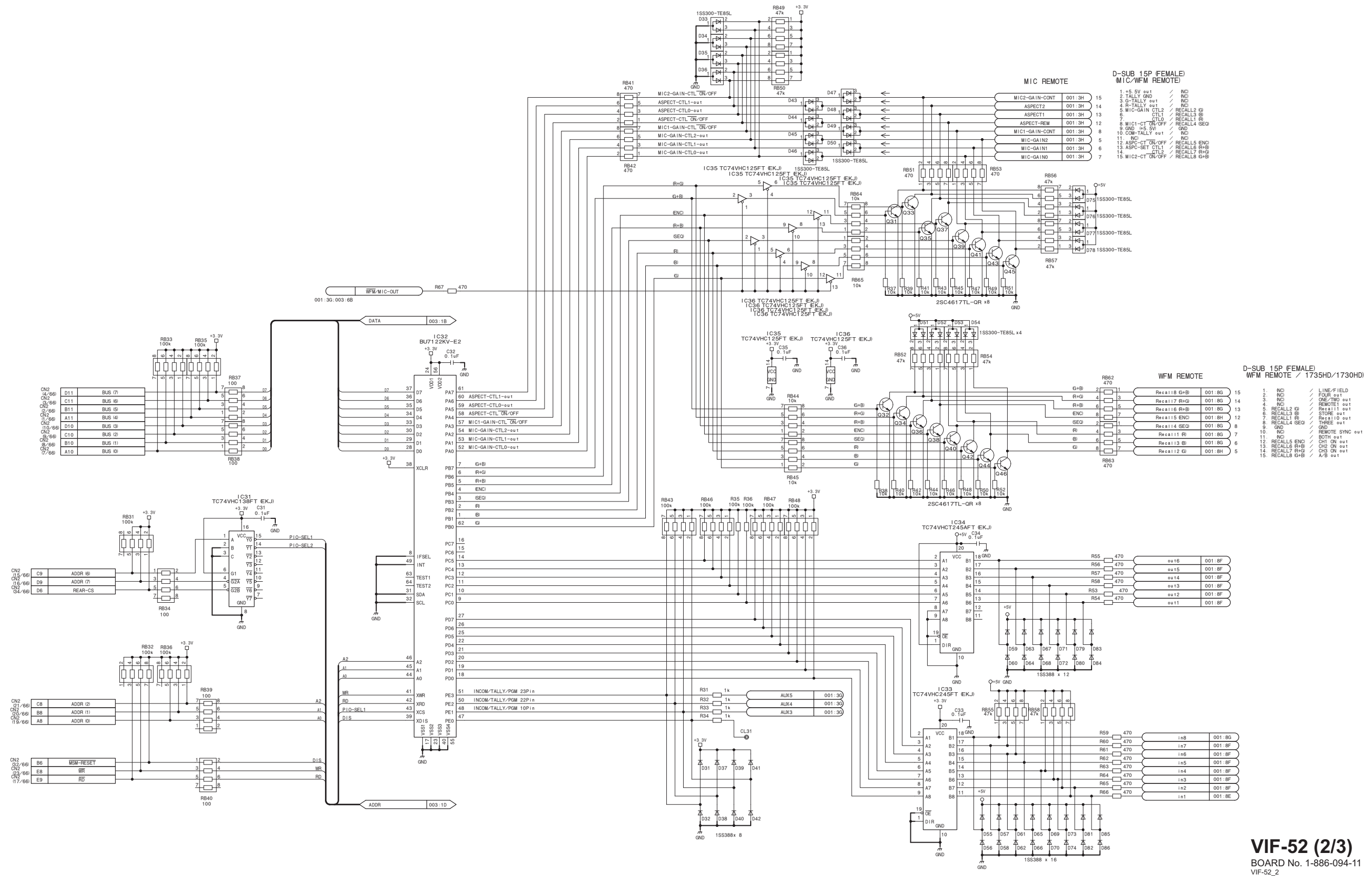
VDA-64C

Option HKCU1003
BOARD No. 1-868-003-12
HKCU1003_VDA-64C_012_1

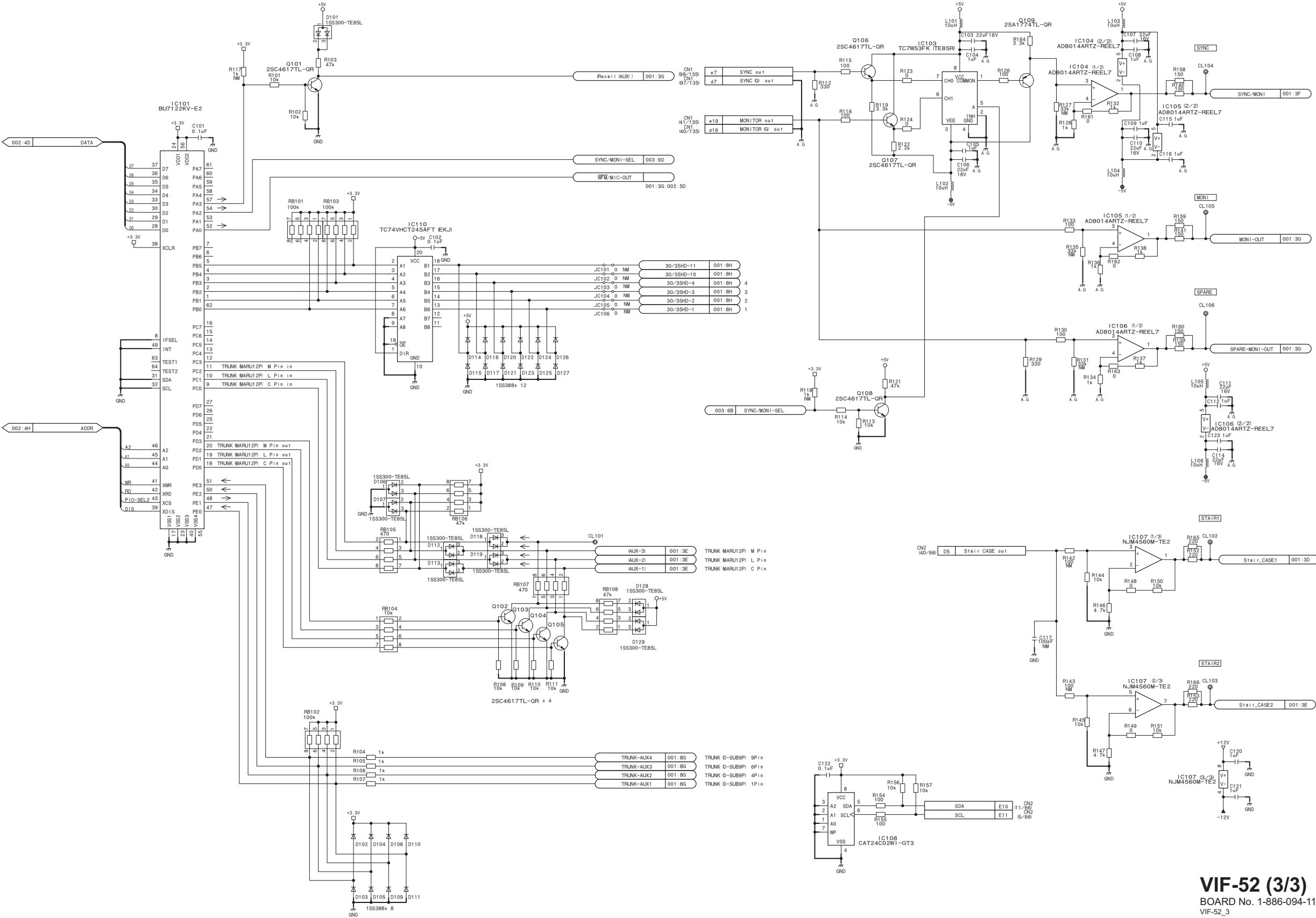
VIF-52
VIF-52 (1/3)



VIF-52 (1/3)
BOARD No. 1-886-094-11
VIF-52_1

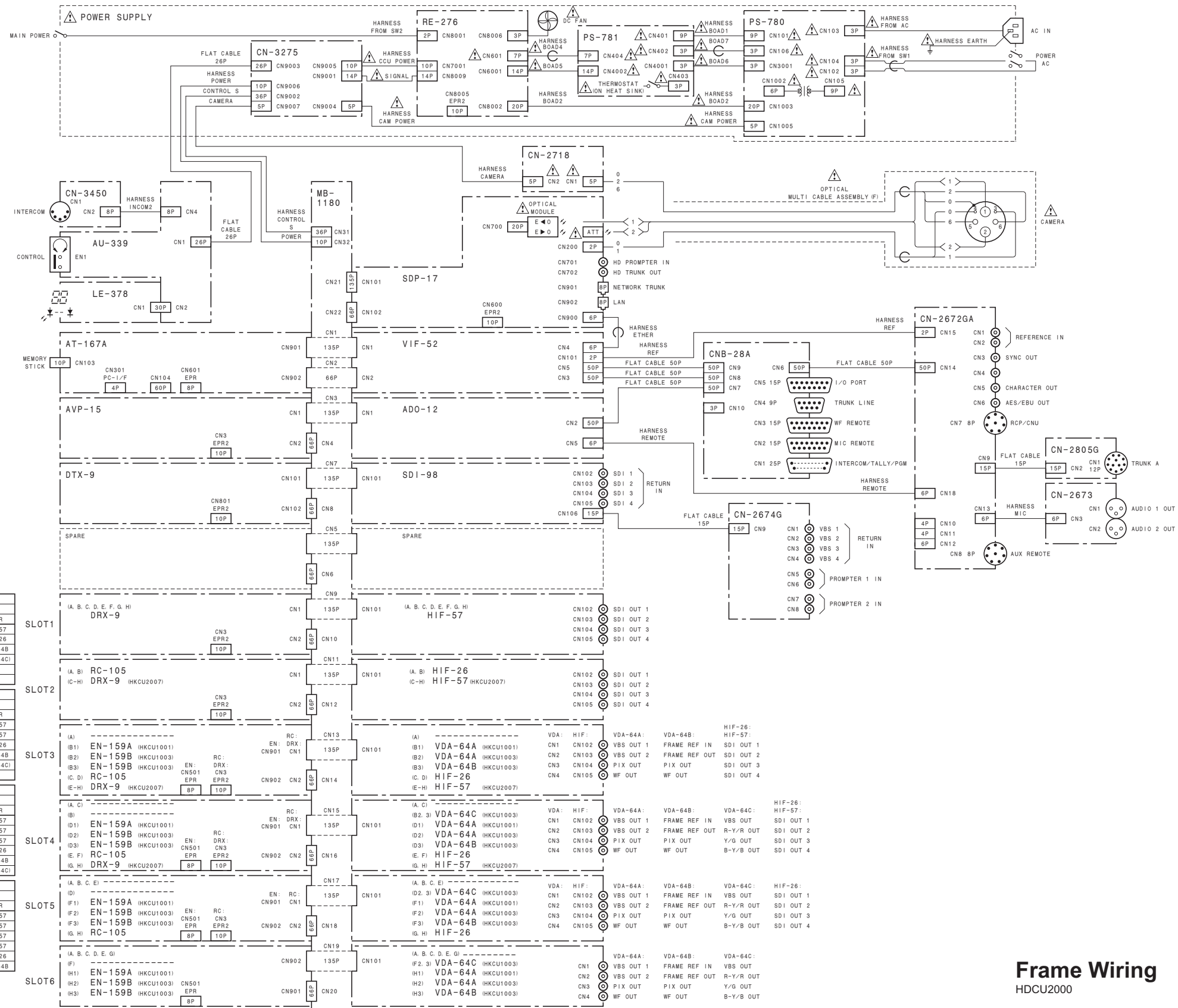
VIF-52 (2/3)

VIF-52 (2/3)
BOARD No. 1-886-094-11
VIF-52 2



VIF-52 (3/3)
BOARD No. 1-886-094-11
VIF-52_3

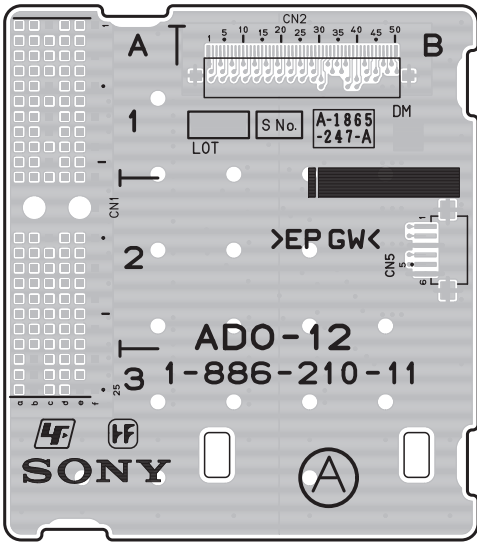
Frame Wiring



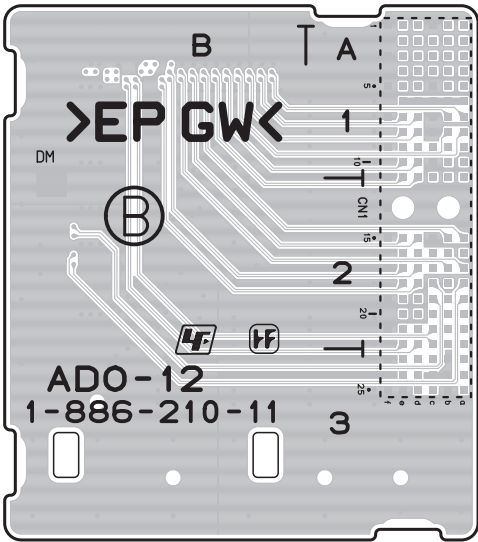
Frame Wiring

Section 9
Board Layouts

ADO-12



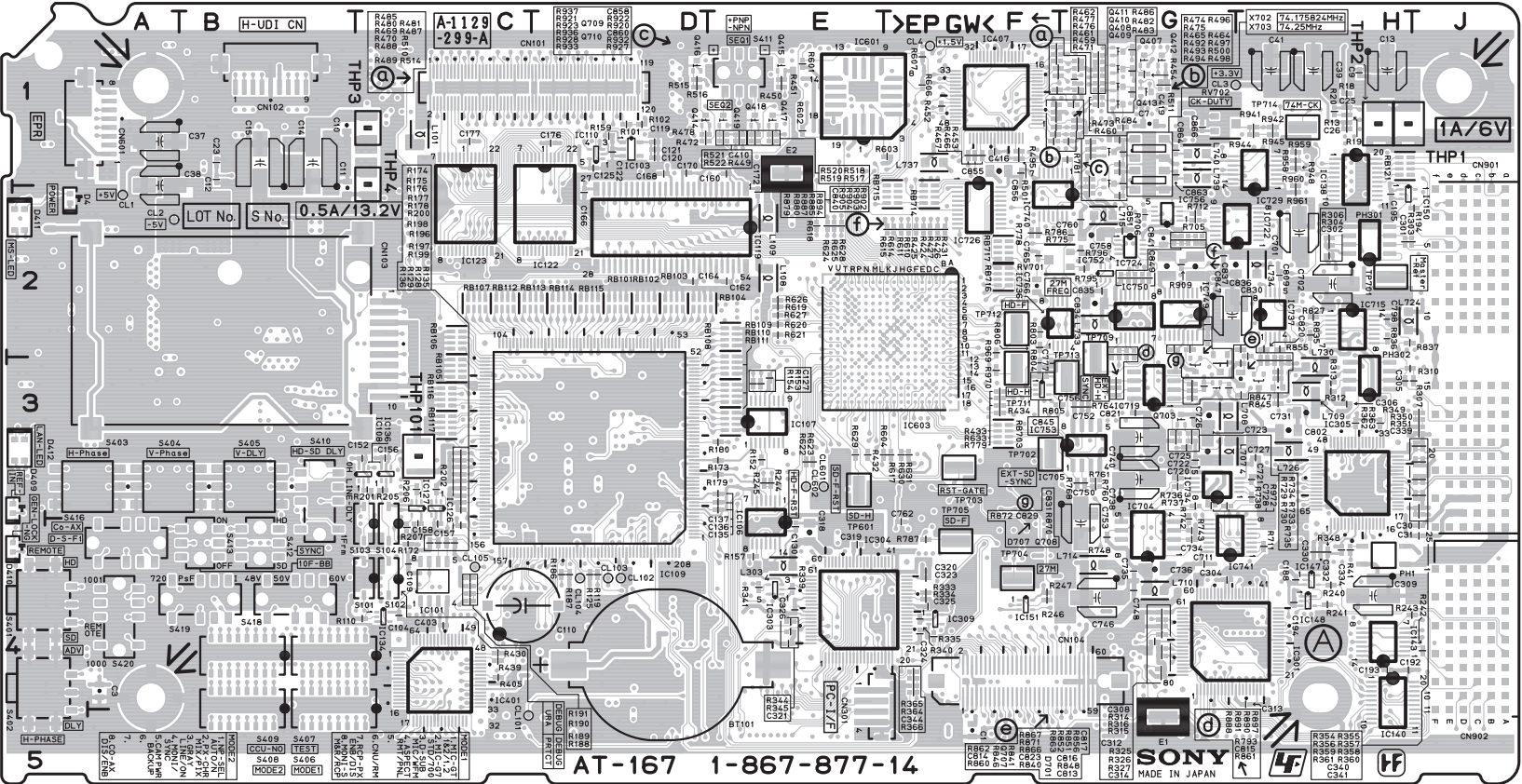
ADO-12 -A SIDE-
SUFFIX: -11



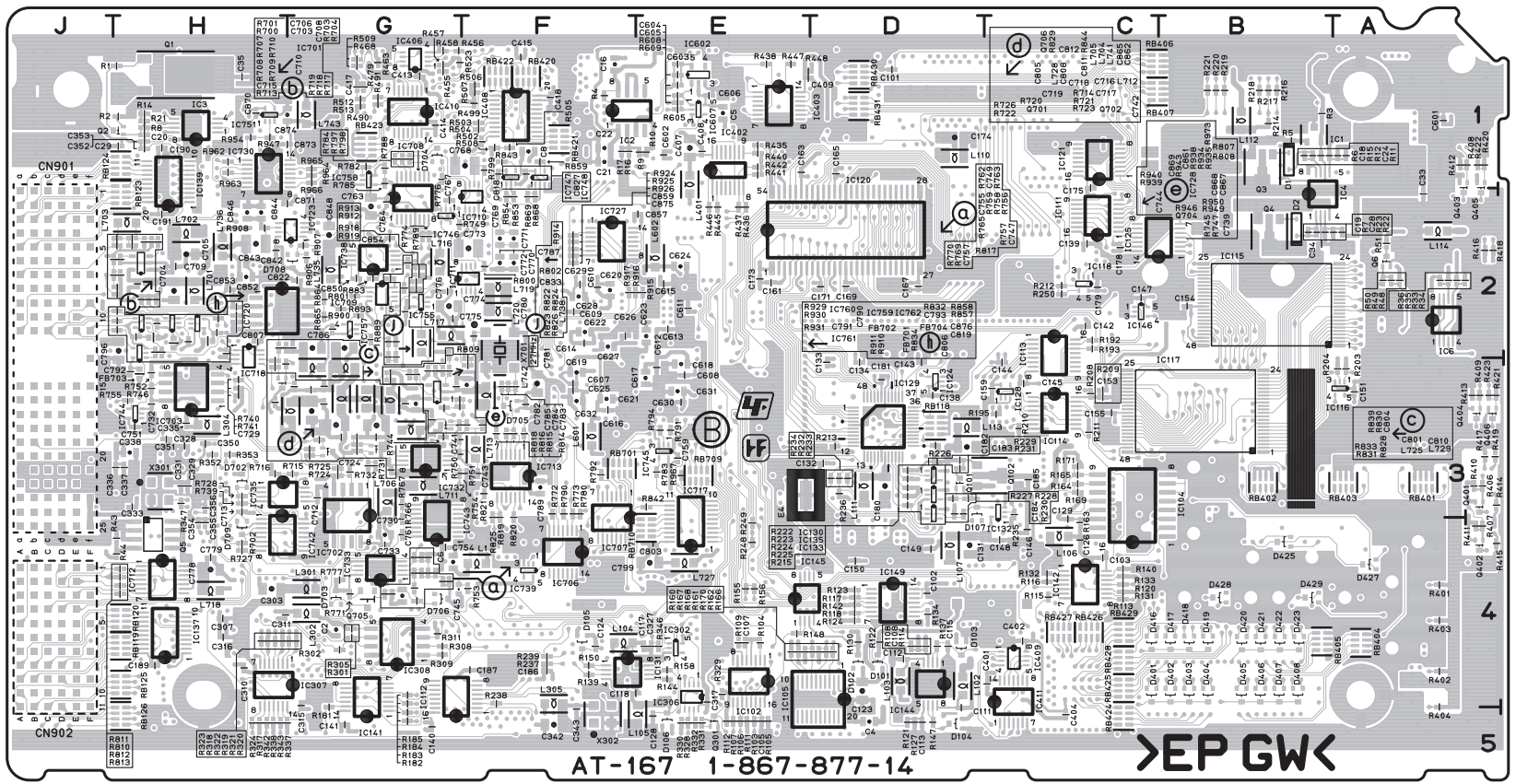
ADO-12 -B SIDE-
SUFFIX: -11

AT-167A

The location is described at the end in this section.

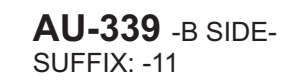
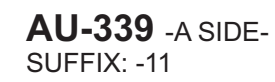


AT-167A -A SIDE-
SUFFIX: -14



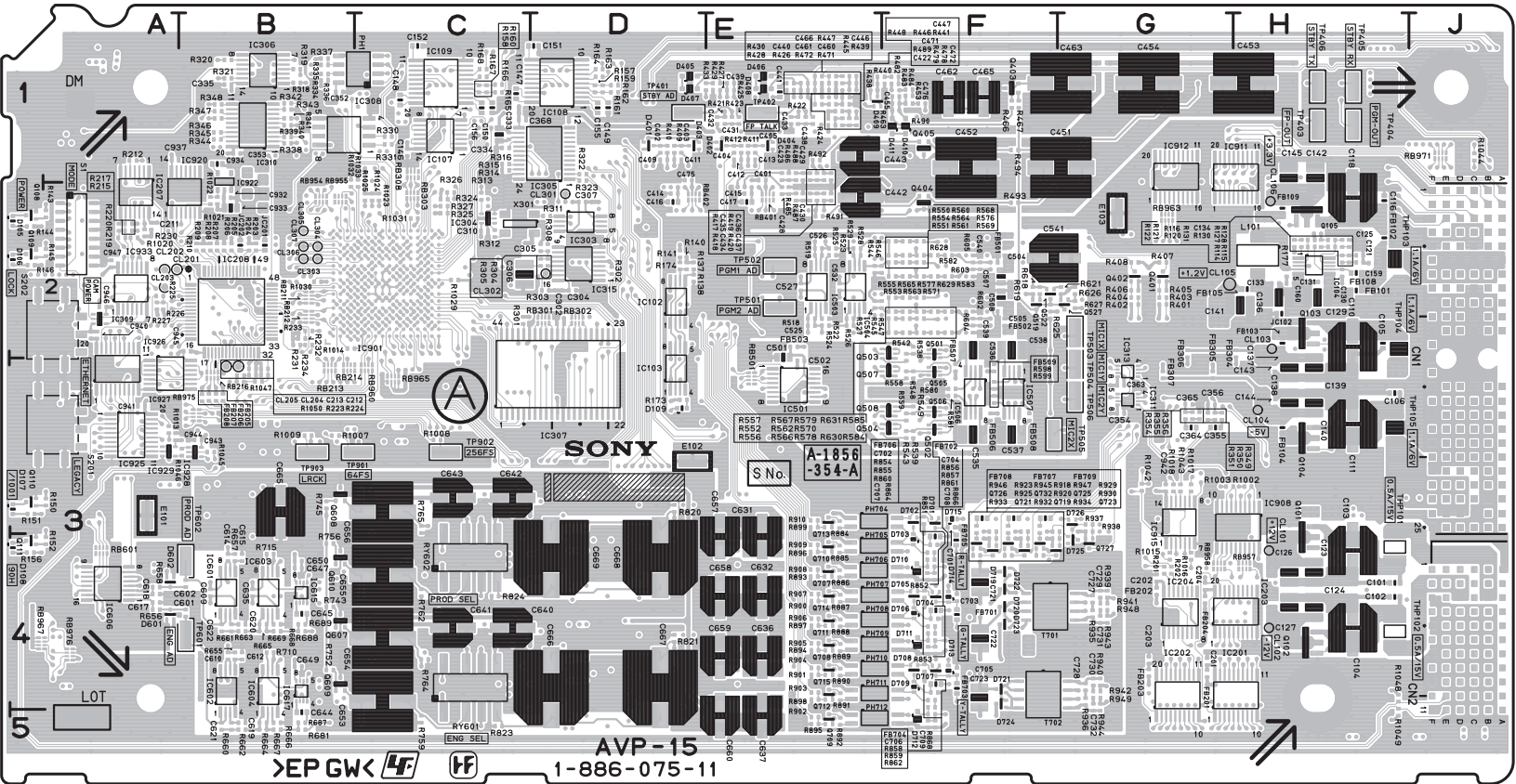
AT-167A -B SIDE-
SUFFIX: -14

The location is described at the end in this section.

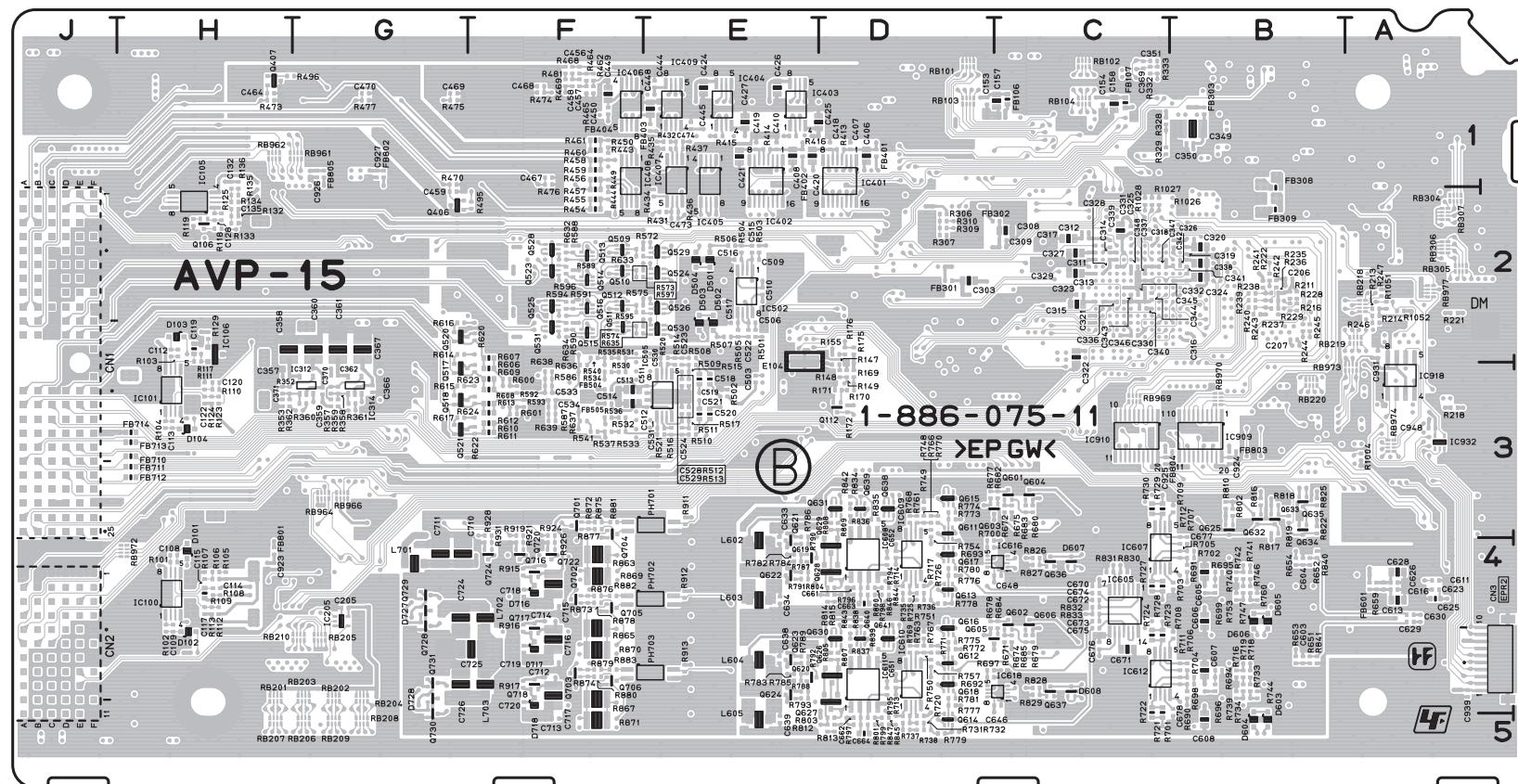


AVP-15

The location is described at the end in this section.



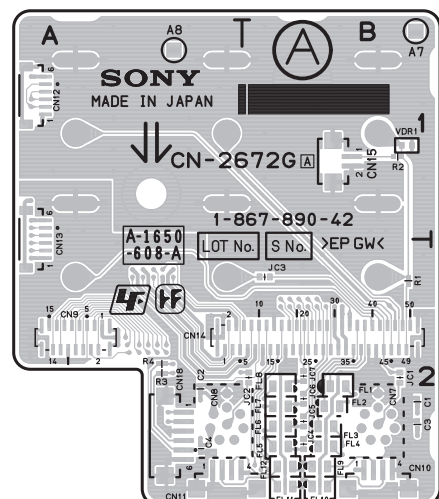
AVP-15 -A SIDE-
SUFFIX: -11



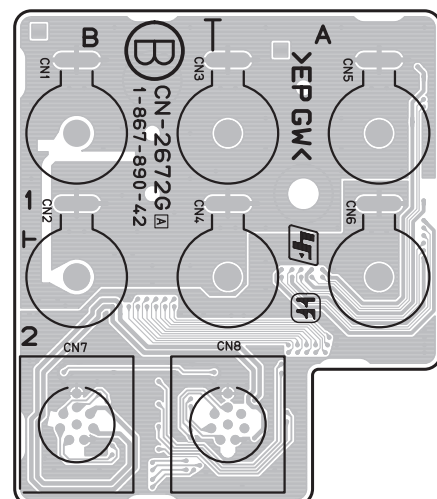
AVP-15 -B SIDE-
SUFFIX: -11

CN-2672GA

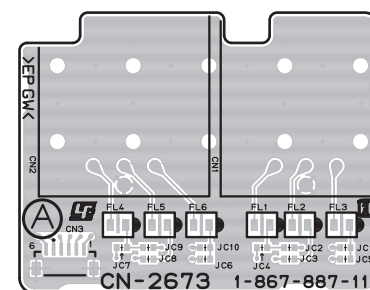
The location is described at the end in this section.



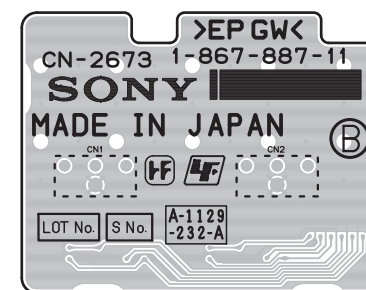
CN-2672GA -A SIDE-SUFFIX: -42



CN-2672GA -B SIDE-
SUFFIX: -42

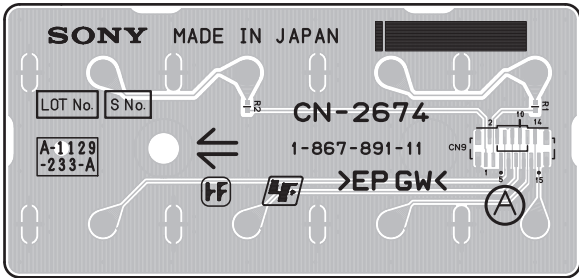


CN-2673 -A SIDE-SUFFIX: -11

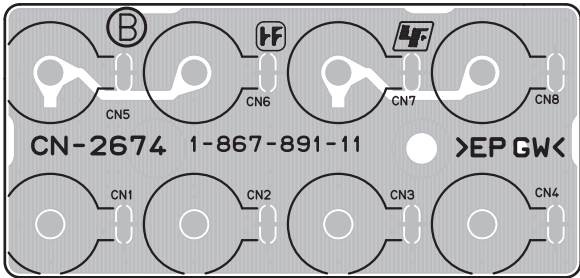


CN-2673 -B SIDE-
SUFFIX: -11

CN-2674G

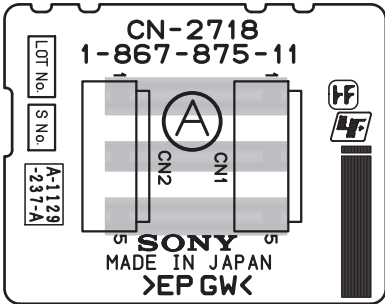


CN-2674G -A SIDE-
SUFFIX: -11

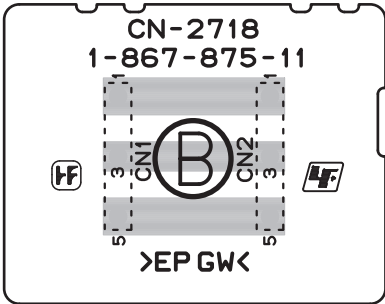


CN-2674G -B SIDE-
SUFFIX: -11

CN-2718

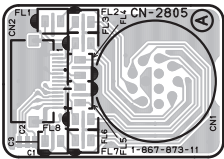


CN-2718 -A SIDE-
SUFFIX: -11

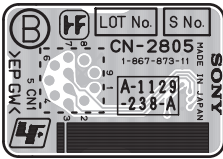


CN-2718 -B SIDE-
SUFFIX: -11

CN-2805G



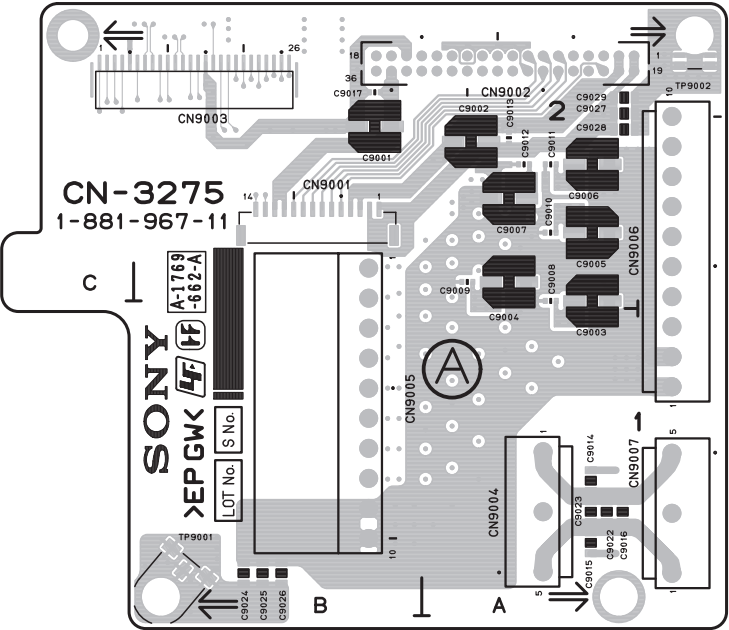
CN-2805G -A SIDE-
SUFFIX: -11



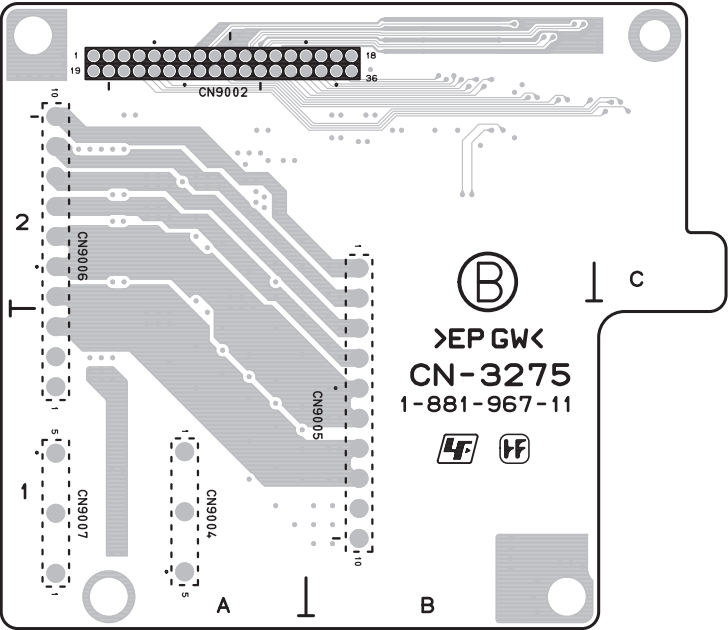
CN-2805G -B SIDE-
SUFFIX: -11

CN-3275

The location is described at the end in this section.

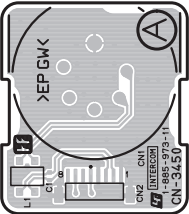


CN-3275 -A SIDE-
SUFFIX: -11

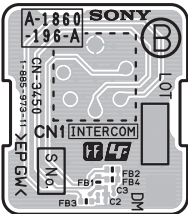


CN-3275 -B SIDE-
SUFFIX: -11

CN-3450



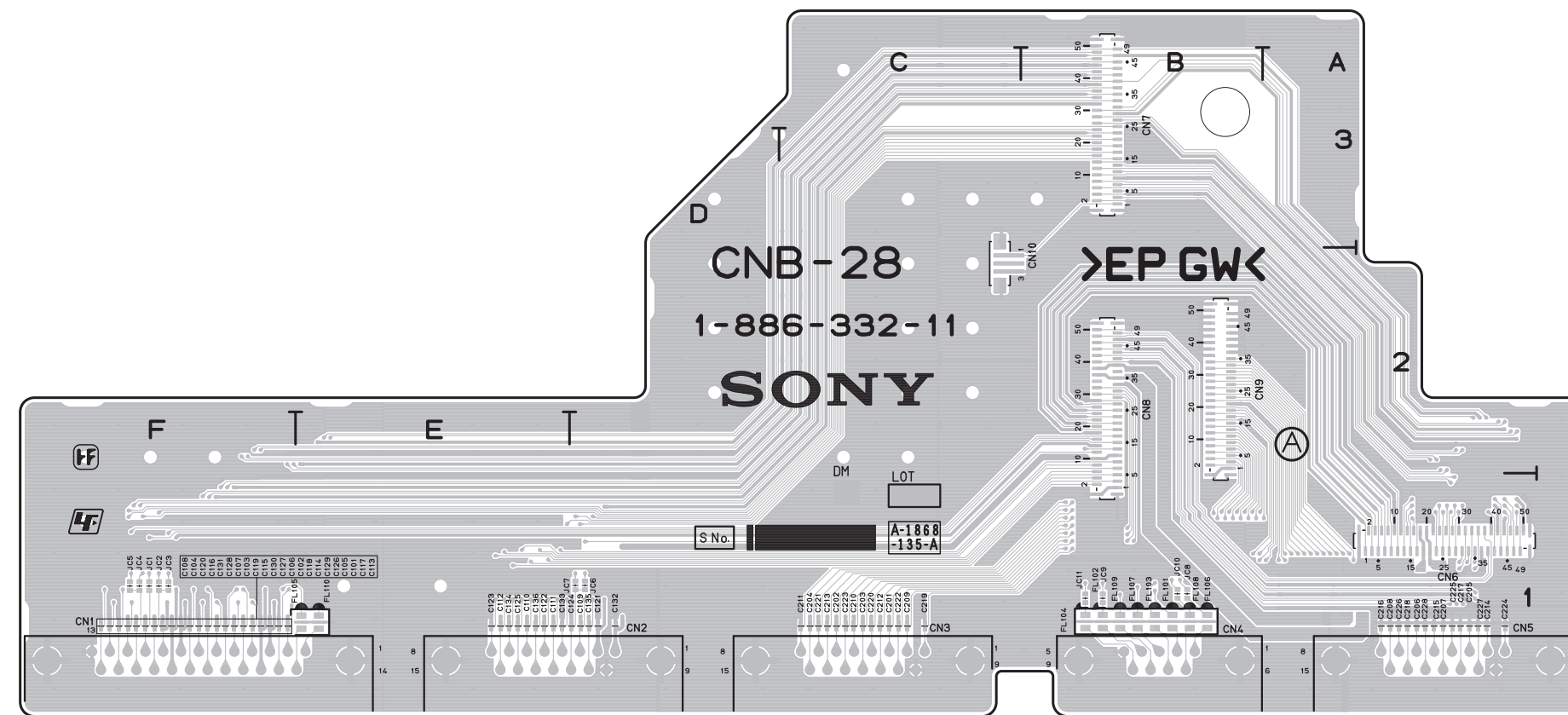
CN-3450 -A SIDE-
SUFFIX: -11



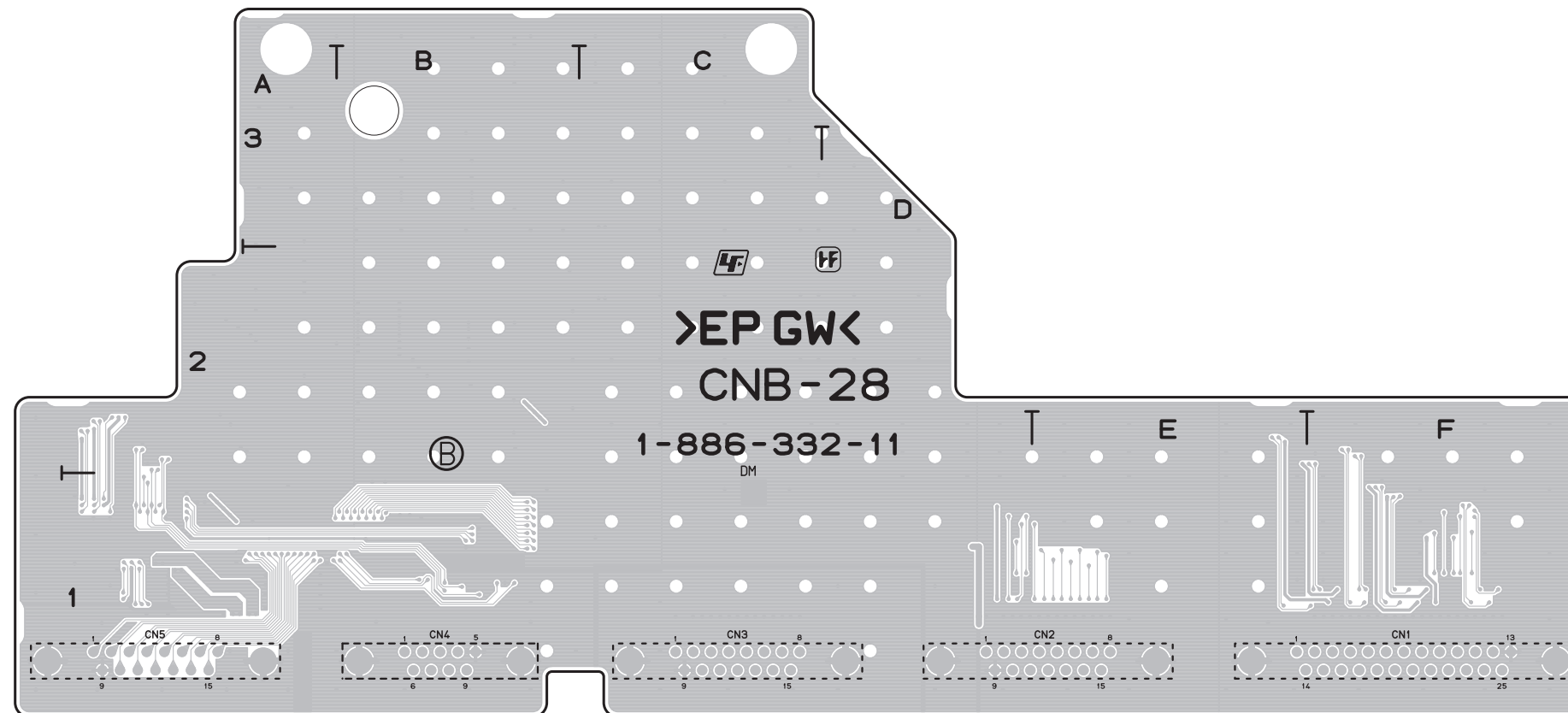
CN-3450 -B SIDE-
SUFFIX: -11

CNB-28A

The location is described at the end in this section.



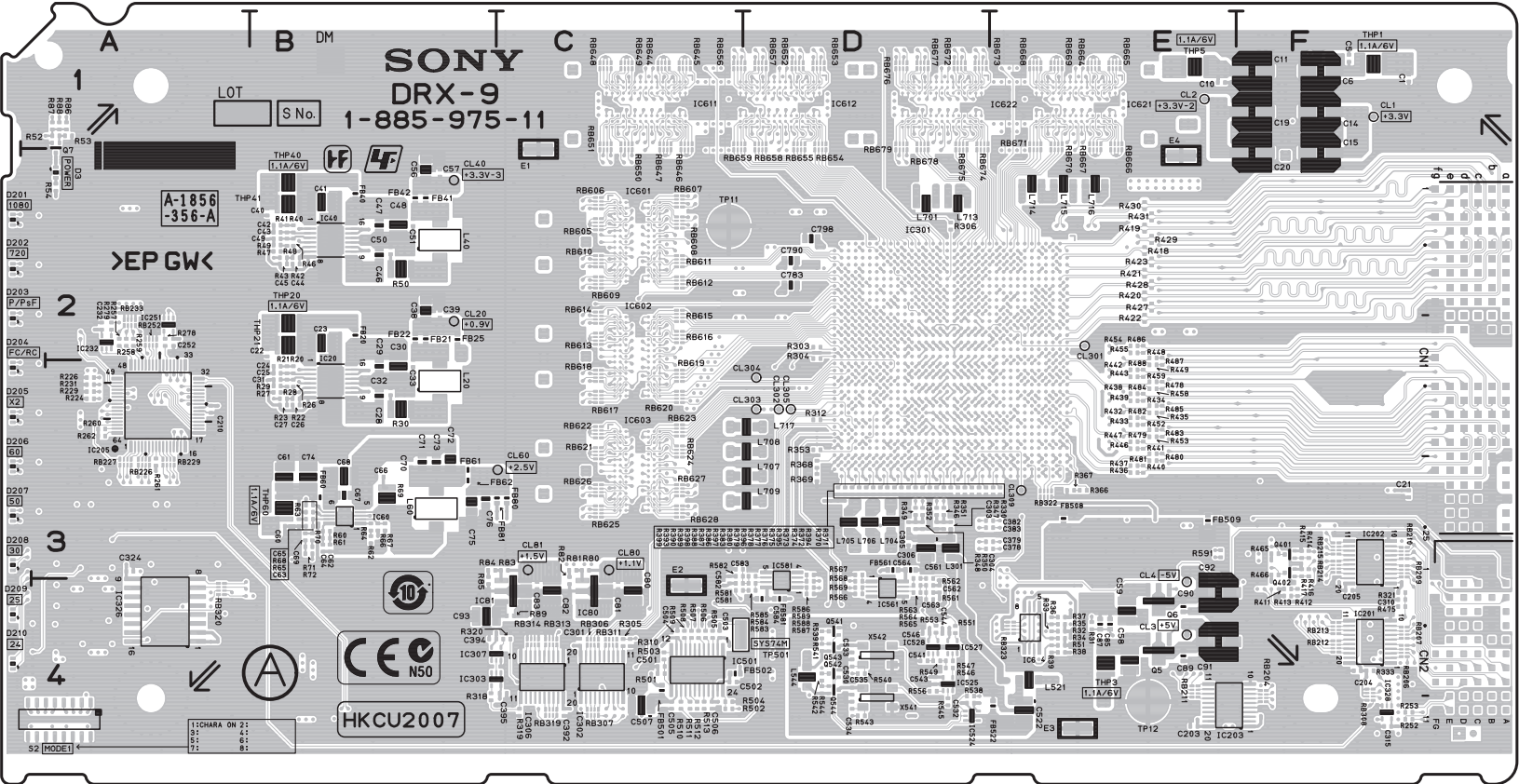
CNB-28A -A SIDE-SUFFIX: -11



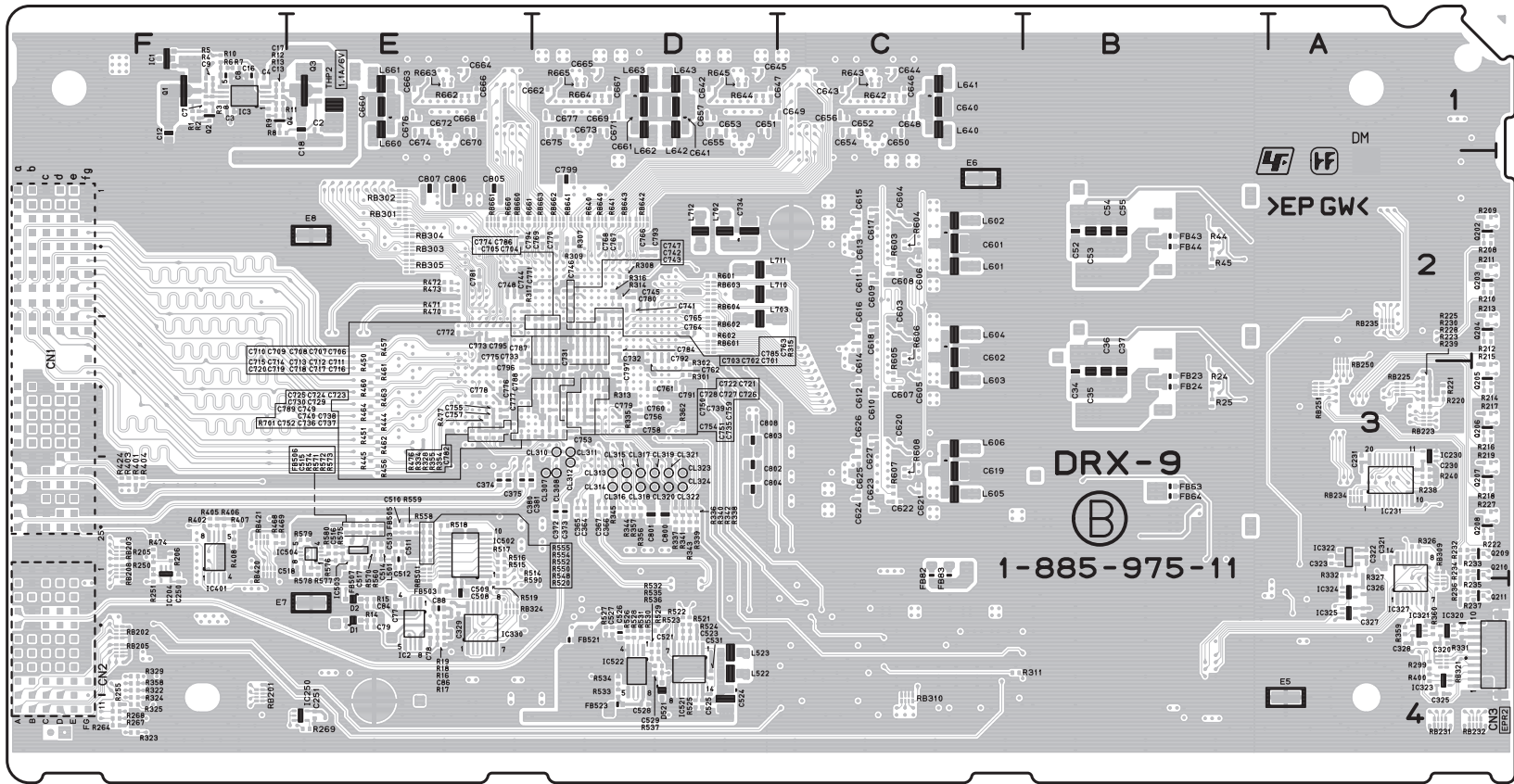
CNB-28A -B SIDE-
SUFFIX: -11

DRX-9

The location is described at the end in this section.

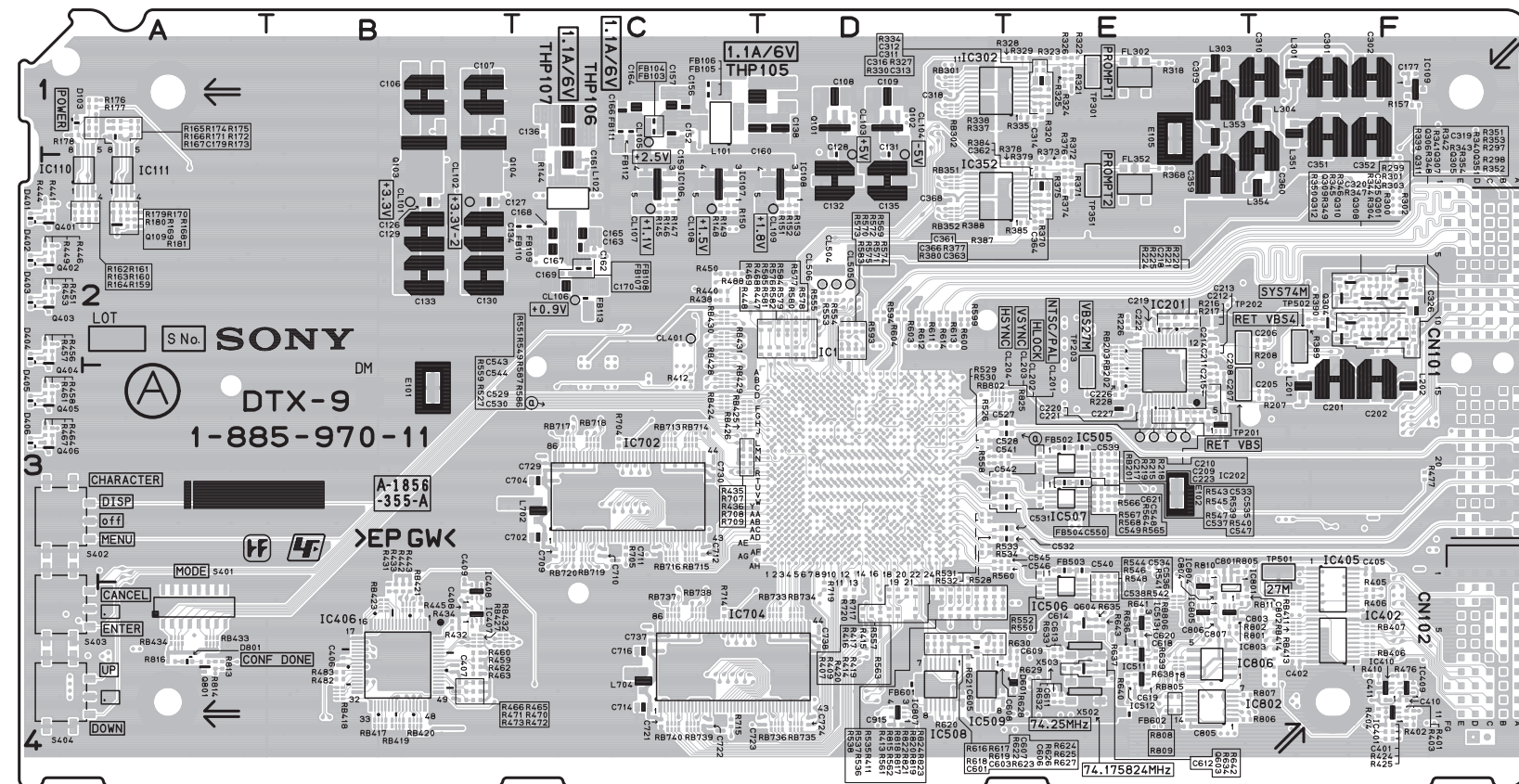


DRX-9 -A SIDE-
SUFFIX: -11

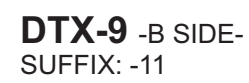


DRX-9 -B SIDE-
SUFFIX: -11

DTX-9

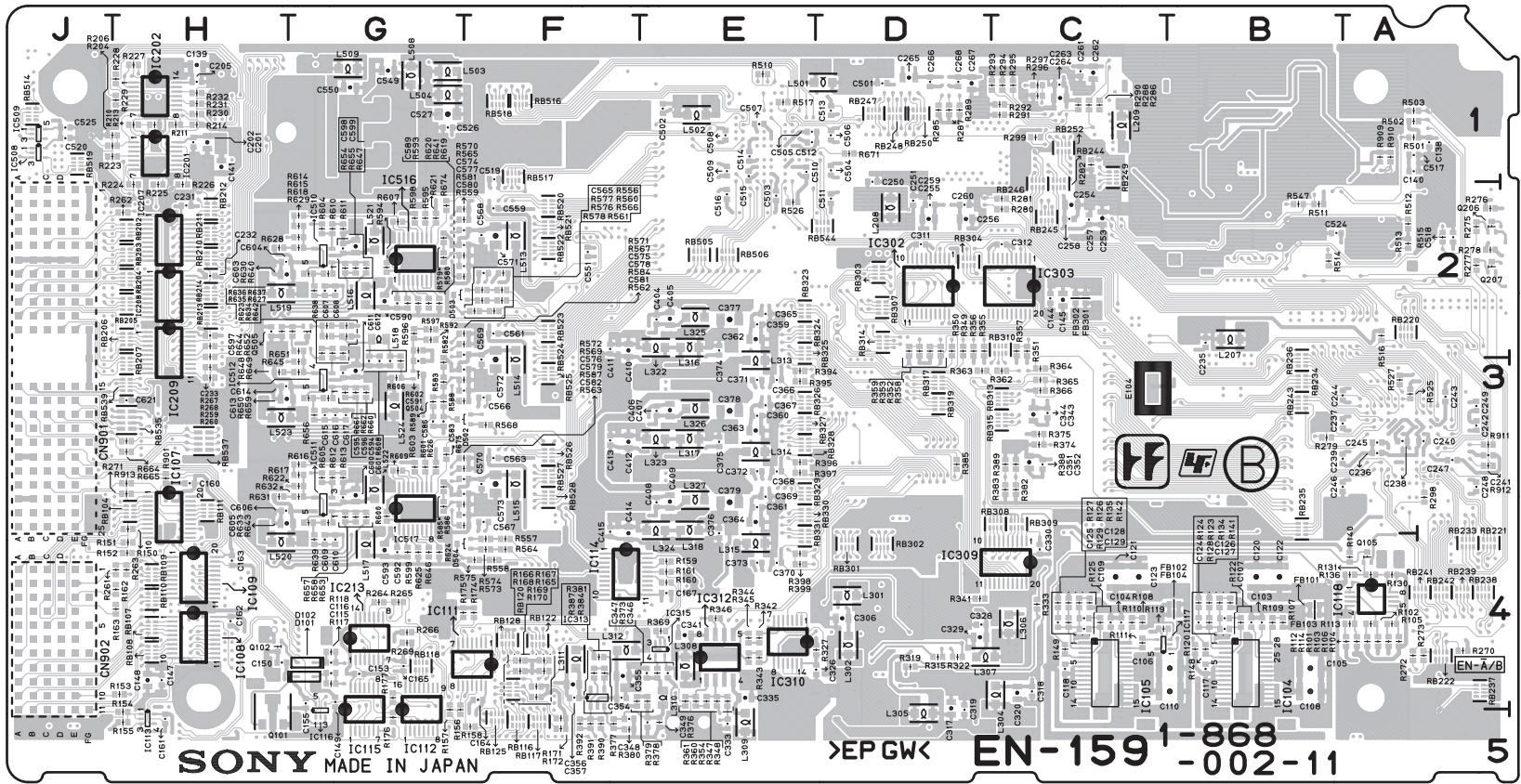


DTX-9 -A SIDE-SUFFIX: -11



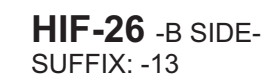
The location is described at the end in this section.





EN-159A
EN-159B -B SIDE-
SUFFIX: -11

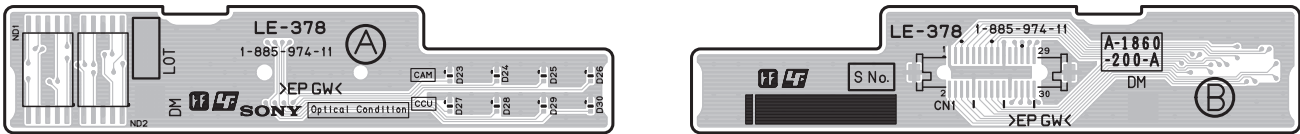
The location is described at the end in this section.



The location is described at the end in this section.



LE-378

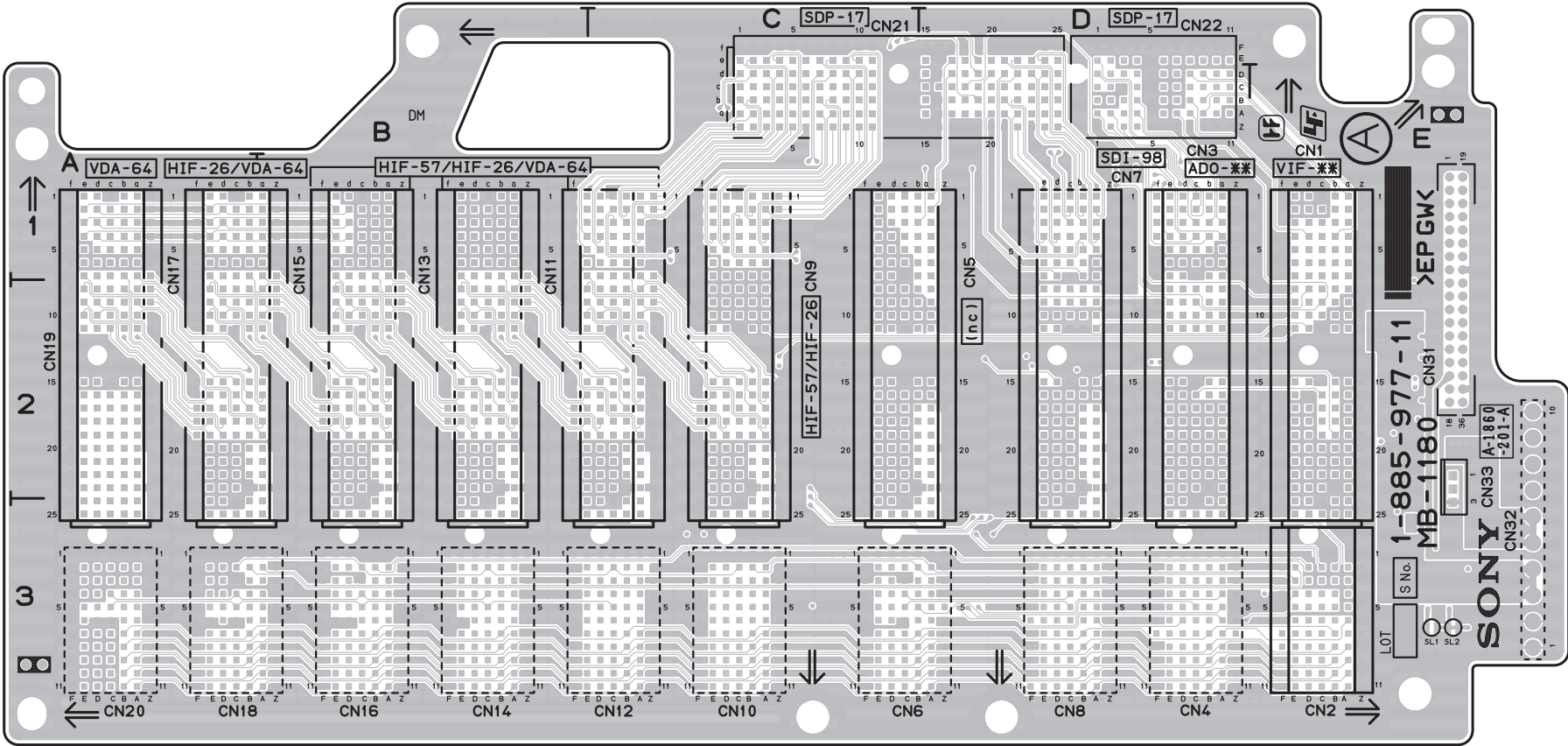


LE-378 -A SIDE-
SUFFIX: -11

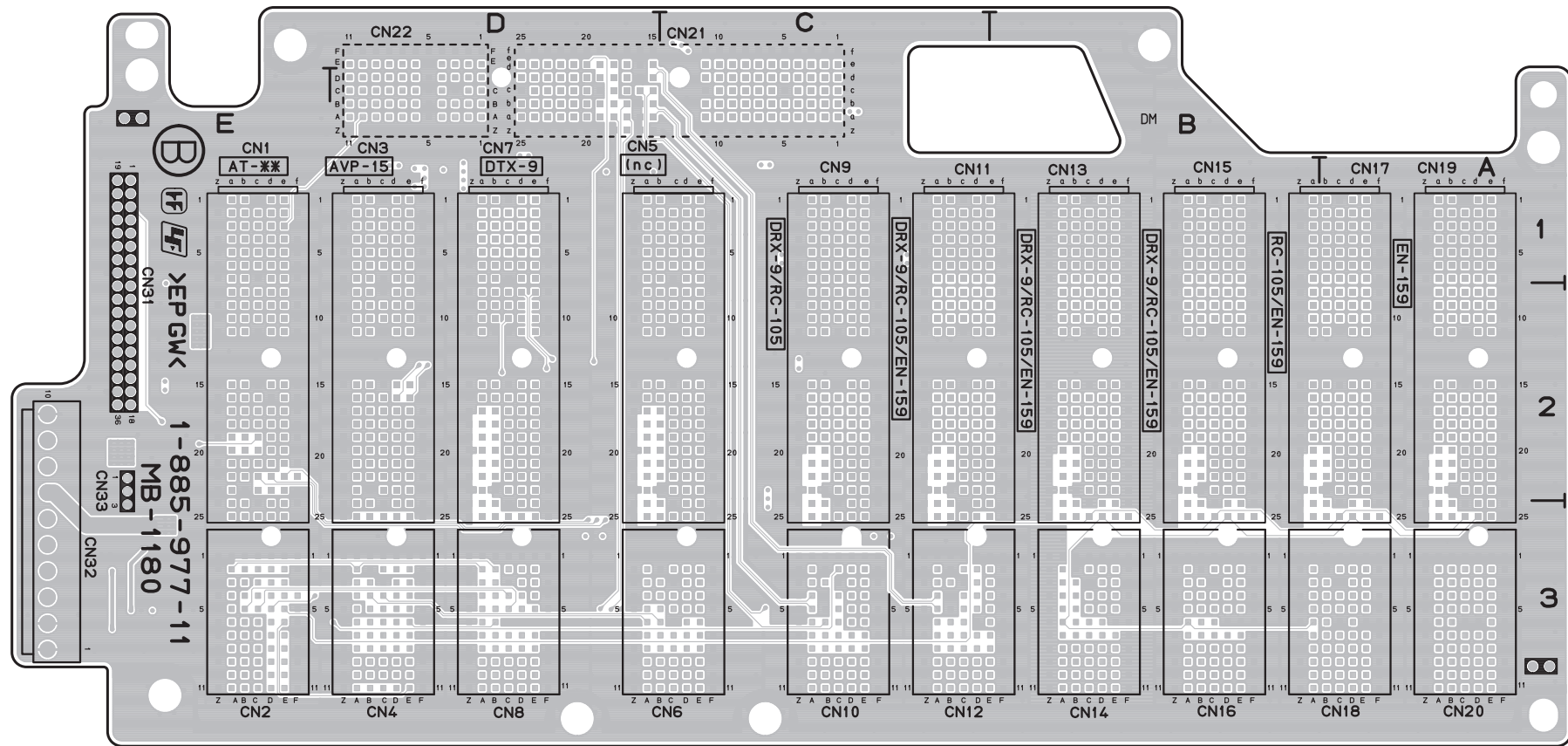
LE-378 -B SIDE-
SUFFIX: -11

MB-1180

The location is described at the end in this section.



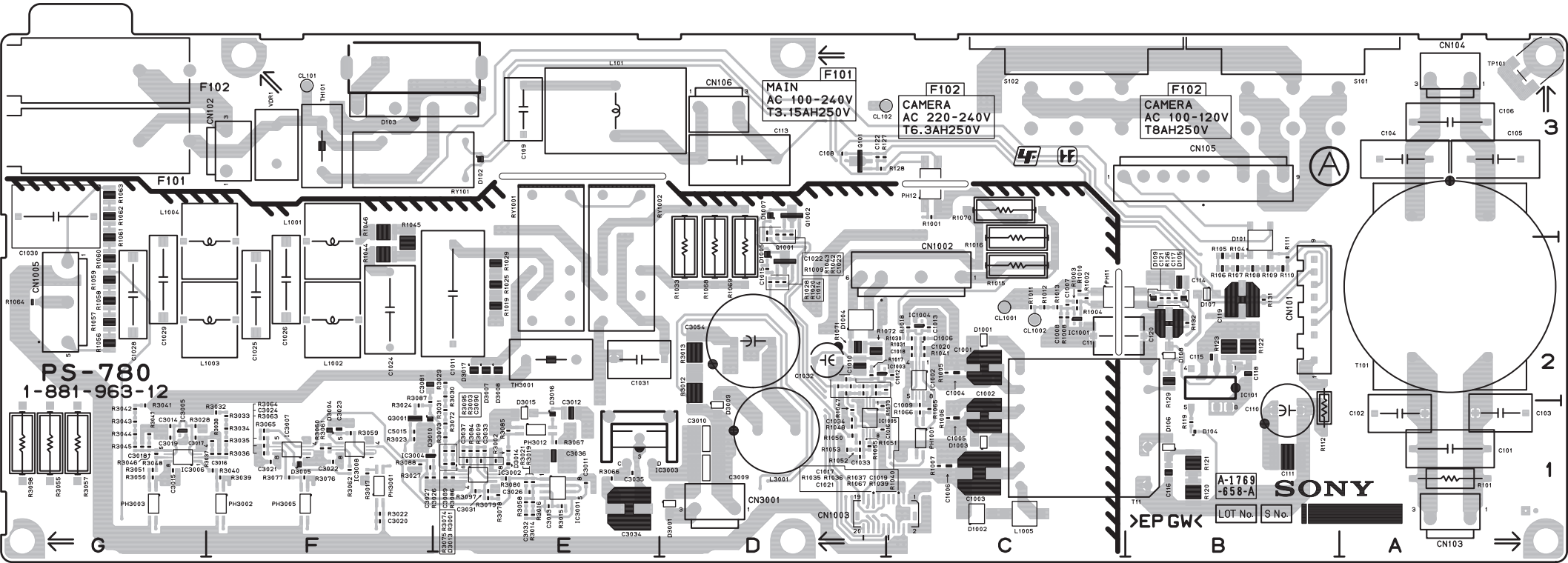
MB-1180 -A SIDE-
SUFFIX: -11



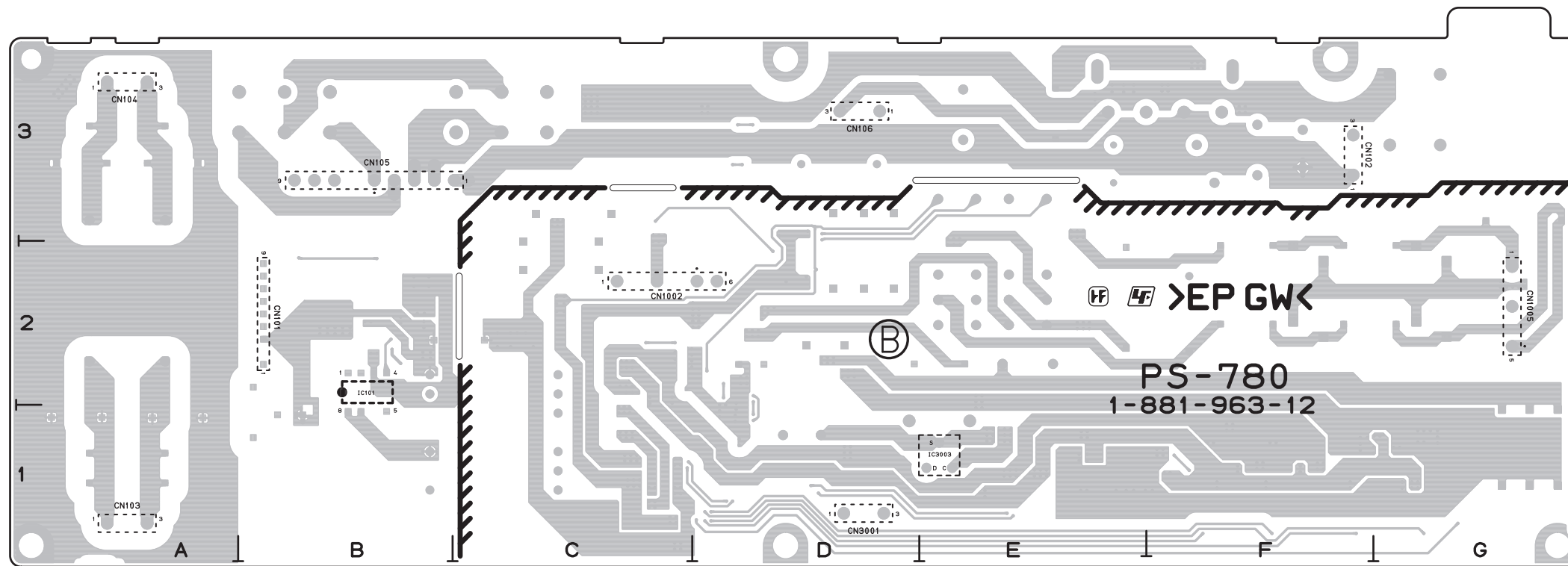
MB-1180 -B SIDE-
SUFFIX: -11

PS-780

The location is described at the end in this section.



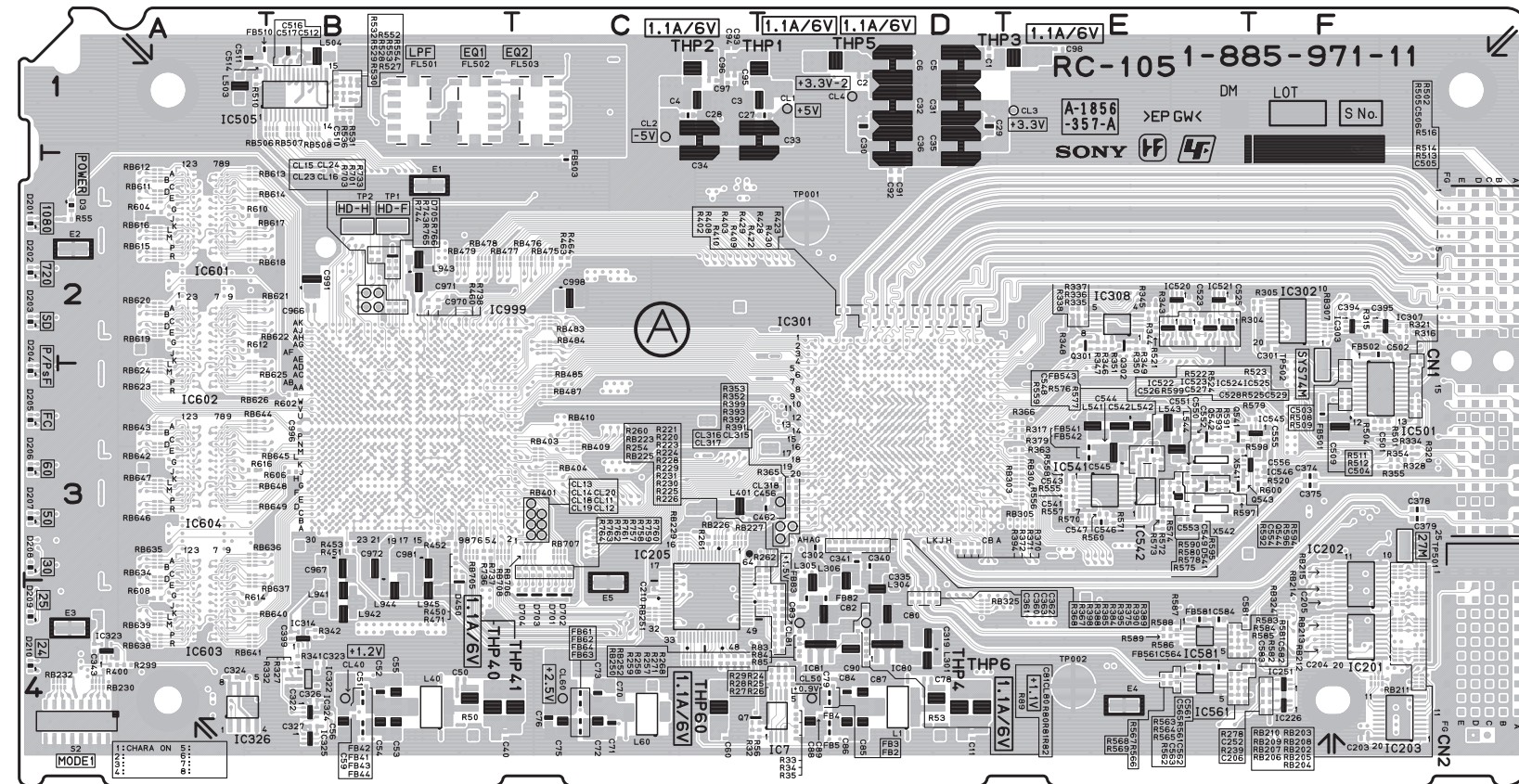
PS-780 -A SIDE-
SUFFIX: -12



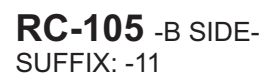
PS-780 -B SIDE-
SUFFIX: -12

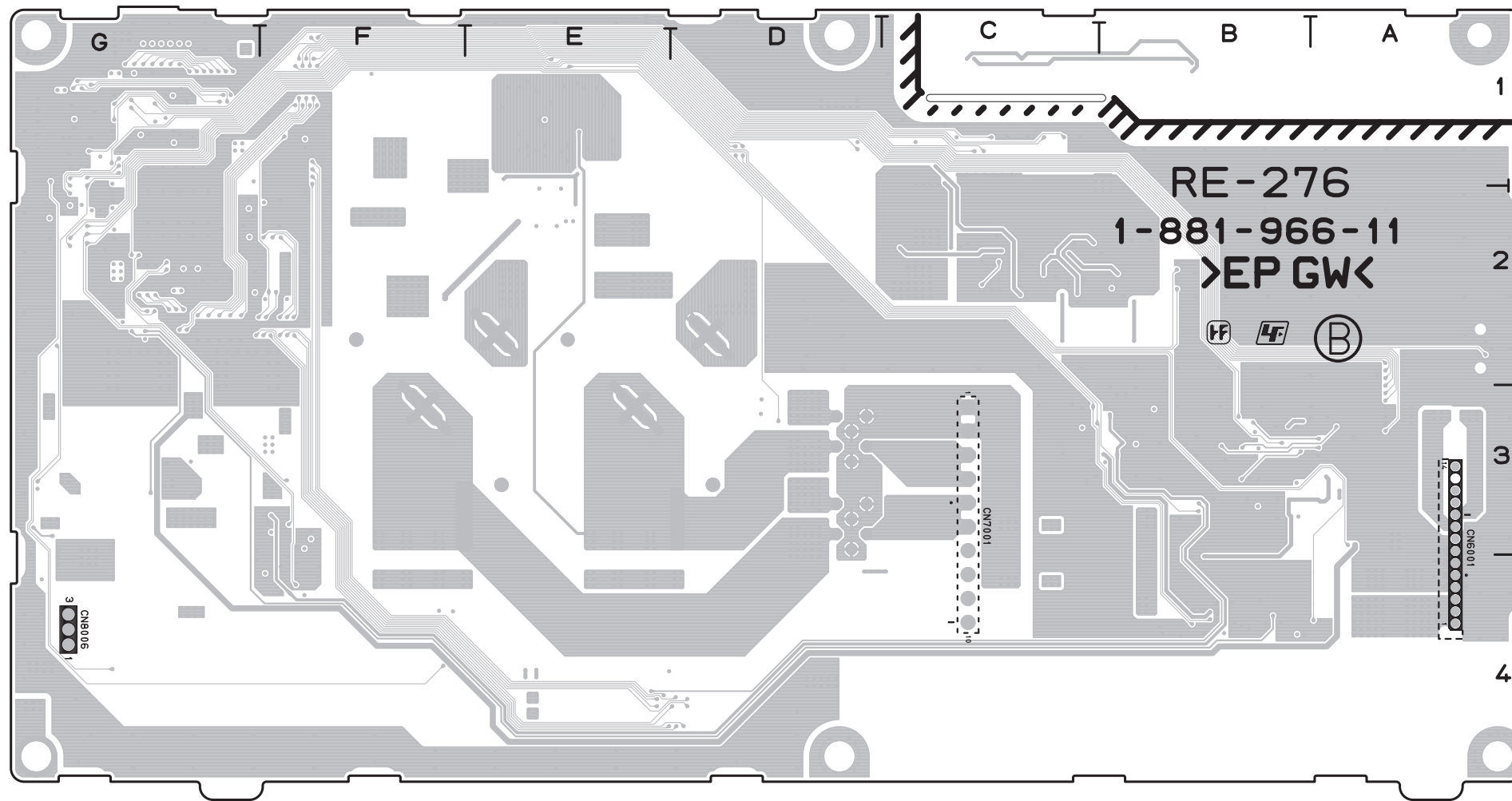
The location is described at the end in this section.

The location is described at the end in this section.



RC-105 -A SIDE-SUFFIX: -11

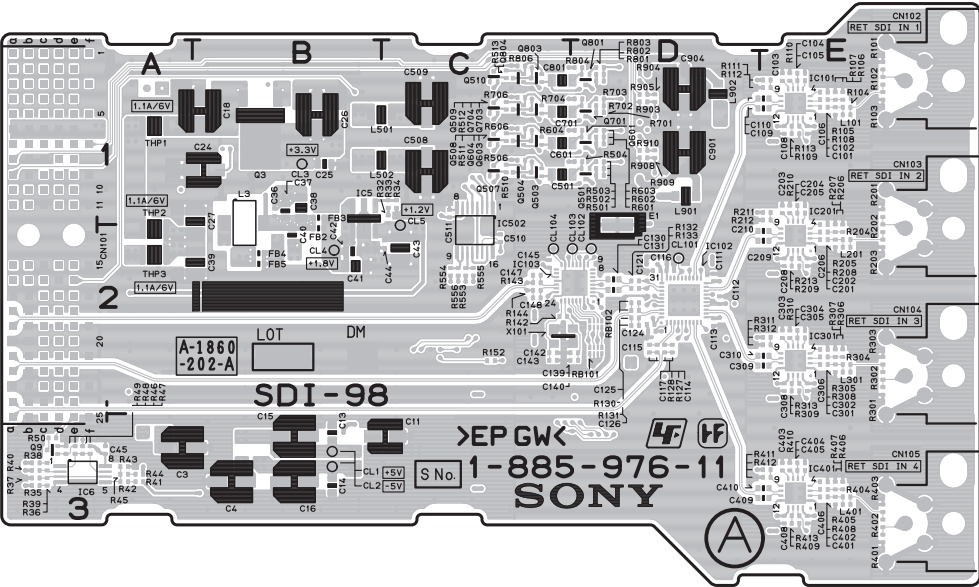




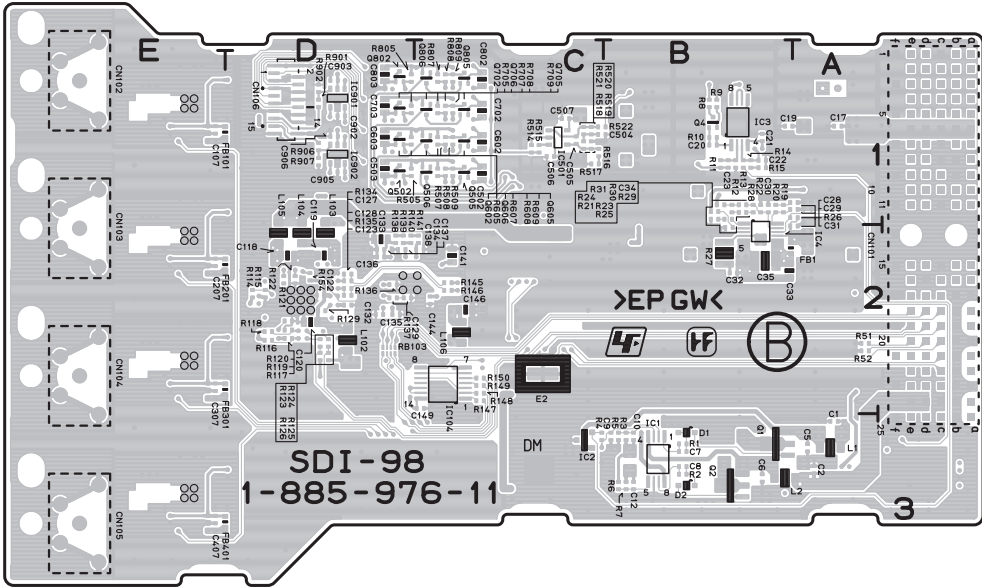
RE-276 -B SIDE-
SUFFIX: -11

SDI-98

The location is described at the end in this section.



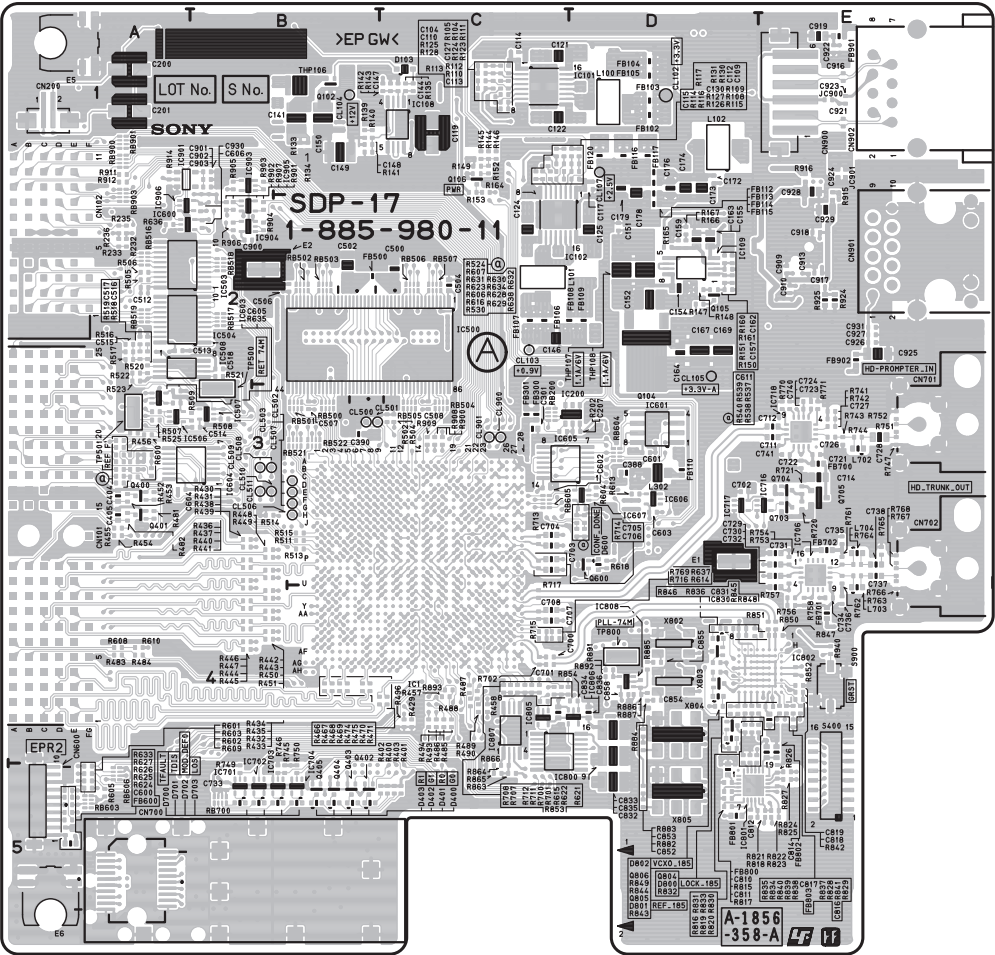
SDI-98 -A SIDE-
SUFFIX: -11



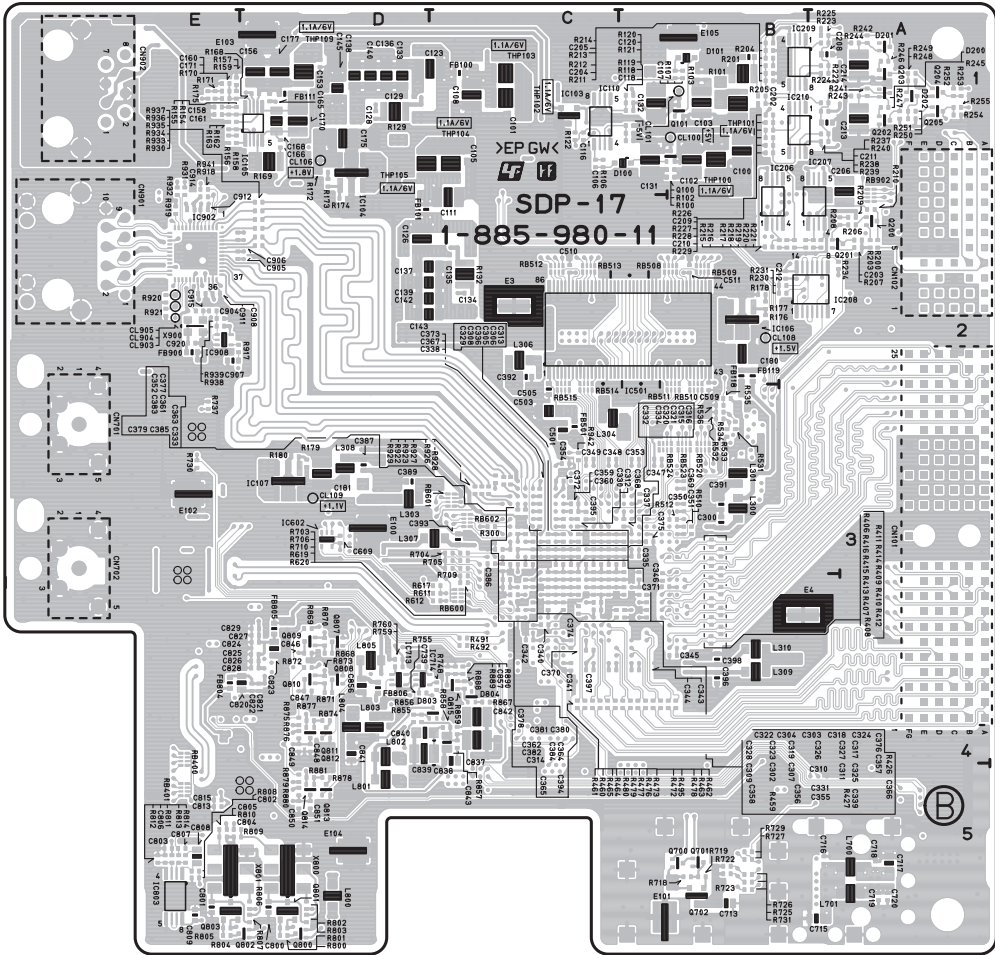
SDI-98 -B SIDE-
SUFFIX: -11

SDP-17

The location is described at the end in this section.



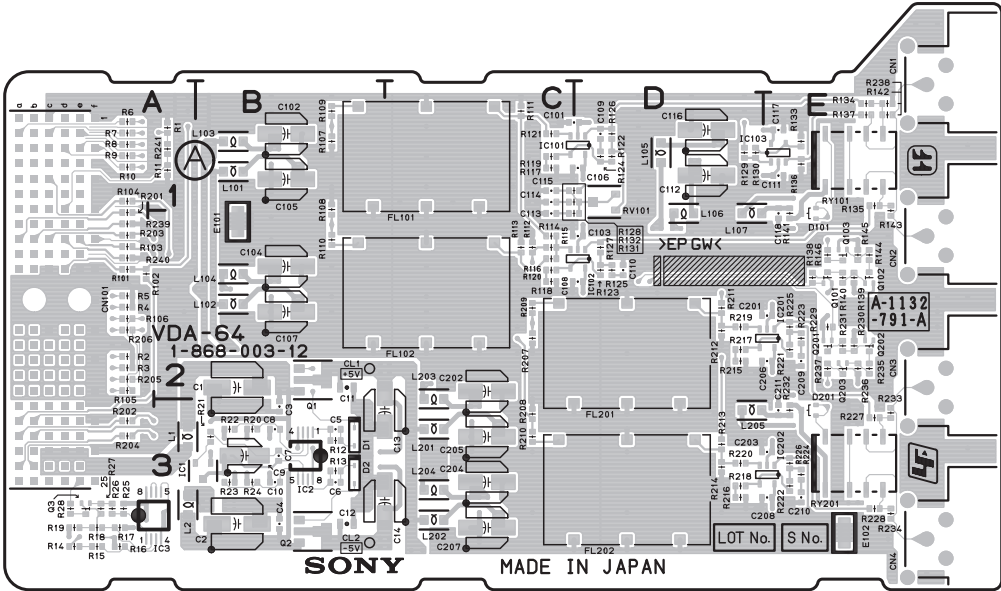
SDP-17 -A SIDE-
SUFFIX: -11



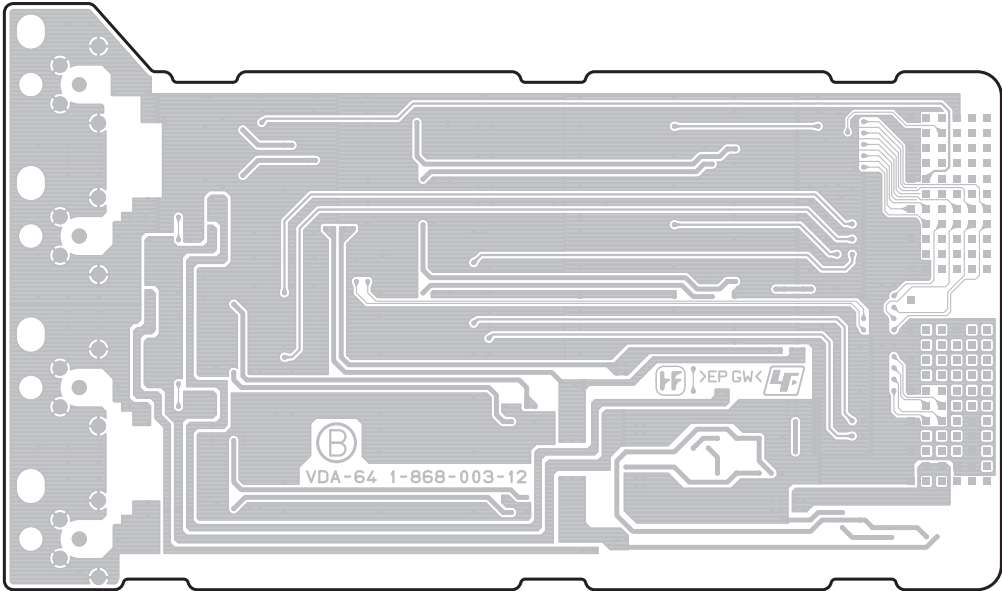
SDP-17 -B SIDE-
SUFFIX: -11

VDA-64A, VDA-64B, VDA-64C

The location is described at the end in this section.

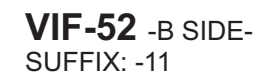
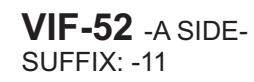


VDA-64A
VDA-64B
VDA-64C -A SIDE-
SUFFIX: -12



VDA-64A
VDA-64B
VDA-64C -B SIDE-
SUFFIX: -12

The location is described at the end in this section.



Board Parts Location

AT-167A 1-867-877-14 *: B SIDE BT101 D4	C142	* C2	C328	* H3	C711	G4	C796	* H2	CL105	C4	IC110	D1	IC719	G3	L717	* G2	R15	* B1	R169	* C3	R249	* E4	R414	* A3	R498	G1	R725	* G3	R805	F3	R904	G2	
	C143	* D3	C329	* H3	C712	* G3	C798	H2	CL601	E3	IC111	* C2	IC720	* H2	L718	* H4	R16	* F1	R170	* D4	R250	* C2	R415	* A4	R499	* F1	R726	* G3	R806	F2	R905	G2	
	C144	* C3	C330	H4	C713	* H3	C799	* E4	CL602	E3	IC112	* F5	IC722	H2	L719	* F2	R17	* F1	R171	* C3	R301	* G4	R416	* A2	R500	G1	R727	* H4	R807	* F3	R906	* G2	
	C145	* C3	C331	* H3	C715	* H2	C801	* G2			IC113	* C2	IC723	* G2	L720	* F2	R18	H1	R172	C4	R302	* G4	R417	* A3	R501	F1	R728	* H3	R808	* F3	R907	* G2	
	C146	* C4	C332	H4	C716	* G3	C802	H3	CN101	D1	IC114	* C3	IC724	G2	L724	H2	R19	H1	R173	E3	R303	H2	R418	* A2	R502	* F1	R729	G3	R809	* F2	R908	* H2	
	C147	* C2	C333	* H3	C717	* G3	C803	* E4	CN102	B1	IC115	* B2	IC726	F2	L725	* G3	R20	H1	R174	C3	R304	H2	R419	* A3	R503	* F1	R730	G3	R810	* H4	R909	G2	
	C148	* C4	C334	H4	C718	* G3	C804	* G2	CN103	B2	IC116	* A3	IC727	* F2	L726	H3	R21	* H1	R175	C3	R305	* G4	R420	* A1	R504	* F1	R731	* G3	R811	* H4	R910	* H2	
	C2	* G4	C149	* D4	C335	* H3	C719	* G3	CN104	F4	IC117	* B3	IC728	* G3	L727	* E4	R22	* A2	R176	C3	R306	H2	R421	* A3	R505	* F1	R732	* G3	R812	* H4	R911	* H2	
	C3	A4	C150	* D4	C336	* H3	C720	G3	CN301	E4	IC118	* C2	IC729	H1	L728	* G3	R23	* A2	R177	C3	R307	J3	R422	* A1	R506	* F1	R733	G3	R813	* H4	R912	* G2	
	C4	* D5	C151	* A3	C337	* H3	C721	H3	CN601	A1	IC119	E2	IC730	* H1	L729	* G3	R33	* A2	R178	C3	R308	* G4	R423	* A3	R507	* F1	R734	G3	R814	* F3	R913	* G2	
	C5	* E1	C152	C3	C338	* H3	C722	G3	CN901	J3	IC120	* E2	IC732	* G3	L730	H3	R34	* A2	R179	E3	R309	* G4	R424	F2	R508	* F1	R735	G3	R815	* F3	R914	* G2	
C6	* G4	C153	* C3	C339	J3	C723	G3	C809	H2	CN902	J5	IC121	* C1	IC733	* G4	L733	G2	R35	* A2	R180	E3	R310	H3	R425	F2	R509	* G1	R736	G3	R816	* F3	R915	* E2
C7	G1	C154	* B2	C340	J3	C724	* G3	C810	* G2			IC122	D1	IC734	H3	L734	H2	R36	* A2	R181	* G5	R311	* G4	R426	F2	R510	G1	R737	G3	R817	* G4	R916	* E2
C8	* F1	C155	* C3	C341	J3	C725	G3	C811	* G3	D1	* B1	IC123	C1	IC735	* H3	L735	* G2	R41	H4	R182	* G5	R312	H3	R427	F2	R511	G1	R738	H3	R818	* F3	R917	* F2
C9	H1	C156	C3	C342	* F5	C726	G3	C812	* G3	D2	* B2	IC124	* D3	IC736	F2	L736	* H2	R43	* H4	R183	* G5	R313	H3	R430	C4	R512	* G1	R739	* H3	R819	* F4	R918	* G2
C10	B1	C157	C4	C343	* F5	C727	H3	C813	H3	D4	A2	IC125	* B2	IC737	H2	L737	F1	R44	* H4	R184	* G4	R314	G4	R431	F2	R513	* G1	R740	* H3	R820	* F4	R919	* G2
C11	B2	C158	C4	C344	F4	C728	G3	C814	G3	D101	* D4	IC126	C3	IC738	* G2	L738	* G2	R48	* A2	R185	* G4	R315	G4	R432	E3	R514	G1	R741	* H3	R821	* F3	R920	G1
C12	B1	C159	* C3	C350	* H3	C729	* H3	C815	G3	D102	* D4	IC127	C3	IC739	* F4	L739	G1	R49	* A2	R186	D4	R316	G4	R433	F3	R515	D1	R742	G4	R822	* G2	R921	G1
C13	H1	C160	E1	C351	* H3	C730	* G4	C816	H3	D103	* D4	IC128	* C3	IC740	G1	L740	G1	R50	* A2	R187	D4	R317	* H5	R434	F3	R516	D1	R743	G4	R823	* G2	R922	G1
C14	B1	C161	* E2	C352	* H1	C731	H3	C817	H3	D104	* D5	IC129	* D3	IC741	H4	L741	* G3	R51	* A2	R188	C4	R318	* H4	R435	* E1	R517	E1	R744	* G3	R824	* G2	R923	G1
C15	B1	C162	E2	C353	* H1	C732	* H3	C818	* F1	D105	* F4	IC130	* D3	IC742	* H4	L742	* F3	R101	D1	R189	C4	R319	* H4	R436	* E2	R518	E1	R745	* G3	R825	* F4	R924	* F2
C16	* F1	C163	* E1	C354	* H4	C733	* G4	C819	* H2	D106	* E5	IC131	* F4	IC743	* G4	L743	* G1	R102	D1	R190	C4	R320	* G4	R437	* E2	R519	E1	R746	* H3	R826	* G2	R925	* F2
C18	* B1	C164	D2	C355	* H4	C734	G4	C820	H2	D107	* D3	IC132	* C3	IC744	* H3			R103	* E5	R191	C4	R321	* G4	R438	* E1	R520	E1	R747	* F3	R827	H2	R926	* F2
C19	* B2	C165	* D1	C356	* H3	C735	G4	C821	G3	D401	* C4	IC133	* D3	IC745	* E3	PH1	H4	R104	* E4	R192	* C2	R322	* H4	R439	C4	R521	E1	R748	G4	R828	* H3	R927	G2
C20	* H1	C166	D2	C401	* C4	C736	G4	C822	* G2	D402	* B4	IC134	C4	IC746	* G2	PH301	H2	R105	* E5	R193	* C2	R323	* H4	R440	* E1	R522	E1	R749	* G2	R829	* G3	R928	G2
C21	* F1	C167	* D2	C402	* C4	C738	G3	C823	H3	D403	* B4	IC135	* D3	IC747	* F1	PH302	H3	R106	* E5	R194	J2	R324	* H5	R441	* E1	R523	* G1	R750	* G3	R830	* H2	R929	* H2
C22	* F1	C168	D1	C403	C4	C739	* F3	C827	* F1	D404	* B4	IC136	C3	IC748	* F1			R107	* E5	R195	* C3	R325	G4	R442	* E1	R601	E1	R751	* F3	R831	* H3	R930	* H2
C23	B1	C169	* D2	C404	* C5	C740	G3	C829	G2	D405	* B4	IC137	* H4	IC749	G2	Q1	* H1	R108	* D4	R196	C3	R326	G4	R445	* E2	R602	E1	R752	* H3	R832	* H2	R931	* H2
C24	* A1	C170	D1	C407	* E1	C741	* G3	C830	G2	D406	* B4	IC138	H1	IC750	G2	Q2	* H1	R109	* E4	R197	C3	R327	G4	R446	* E2	R603	F1	R753	* F4	R833	* H3	R932	G1
C25	H1	C171	* D2	C408	* E1	C742	* G3	C831	G2	D407	* B4	IC139	* H2	IC751	* H1	Q3	* B1	R110	C4	R198	C3	R328	* E5	R447	* E1	R604	E3	R754	* G3	R834	* H2	R933	G2
C26	H1	C172	E2	C409	* E1	C743	* F3	C833	* G2	D408	* B4	IC140	H4	IC752	G2	Q4	* B2	R111	* E5	R199	C4	R329	* E4	R448	* E1	R605	* E1	R755	* H3	R835	H2	R934	* G3
C28	* B2	C173	* E2	C410	E1	C744	* G3	C834	G2	D409	A3	IC141	* G5	IC753	F3	Q5	* H4	R112	* E5	R200	C3	R330	* E5	R449	E1	R606	F1	R756	* G4	R836	H2	R935	* G3
C29	* H1	C174	* D1	C413	* G1	C745	* G4	C835	G2	D410	A4	IC142	* C4	IC755	* G2	Q6	* A2	R113	* C4	R201	C3	R331	* E5	R450	E1	R607	F1	R757	* G4	R837	H2	R936	G1
C30	J4	C175	* C2	C414	* G1	C746	G4	C836	G2	D411	A2	IC143	H4	IC756	G2	Q101	* D3	R114	* D4	R202	C3	R332	* E5	R451	E1	R608	* E1	R758	* G4	R839	* H2	R937	G1
C31	J4	C176	D1	C415	* F1	C747	* G4	C837	G2	D412	A3	IC144	* D4	IC757	* G2	Q102	* C3	R115	* C4	R203	* A3	R333	F4	R452	F1	R609	* E1	R759	* G4	R840	H3	R938	* G3
C33	* A2	C177	C1	C416	F1	C748	G4	C840	G2	D416	* C4	IC145	* E4	IC758	* G1	Q301	* E5	R116	* C4	R204	* A3	R334	F4	R453	F1	R610	F2	R760	G3	R841	G3	R939	* G3
C34	* B2	C178	* C2	C417	* G1	C749	* G4	C841	G2	D417	* B4	IC146	* C2	IC759	* H2	Q401	* A3	R117	* D4	R205	C3	R335	F4	R454	G1	R611	F2	R761	G3	R842	* E3	R940	* G3
C35	* H1	C179	* C2	C418	* F1	C750	G3	C842	* H2	D418	* B4	IC147	H4	IC760	* H2	Q402	* A4	R118	* D4	R206	C3	R337	* G5	R455	* G1	R614	F2	R762	* G4	R843	* F1	R941	H1
C37	A1	C180	* D3	C419	G1	C751	* H3	C843	* H2	D419	* B4	IC148	H4	IC761	* H2	Q403	* A1	R119	D4	R207	C4	R338	* H5	R456	* G1	R615	F2	R763	* G4	R844	* G3	R942	H1
C38	A2	C181	* D3	C601	* A1	C752	G3	C844	* H2	D420	* B4	IC149	* D4	IC762	* H2	Q404	* A3	R120	* C4	R208	* C3	R339	E4	R457	* G1	R617	F3	R764	G3	R845	H3	R943	* G3
C39	H1	C182	* D3	C602	* E1	C753	G4	C845	F3	D421	* B4	IC150	H2			Q405	* A1	R121	* D5	R209	* C3	R340	F4	R458	* G1	R618	E2	R765	* G4	R846	G3	R944	H1
C41	H1	C183	* D3	C603	* E1	C754	* G4	C846	* H2	D422	* B4	IC151	F4	L1	* F4	Q406	* A3	R122	* D4	R210	* C3	R341	E4	R459	G1	R619	E2	R766	* G4	R847	H3	R945	H1
C101	* D1	C184	* D3	C604	* E1	C755	* G4	C847	G2	D423	* B4	IC301	G4	L101	C1	Q407	G1	R123	* D4	R211	* C3	R342	* H5	R460	G1	R620	E2	R767	* G3	R848	H3	R946	* G3
C102	* D4	C185	* C3	C605	* E1	C756	G3	C848	* G2	D425	* B4	IC302	* E4	L102	* D4	Q408	G1	R124	* D4	R212	* C2	R343	* H5	R461	G1	R621	E2	R768	G3	R851	H3	R947	* H1
C103	* C4	C186	* F4	C606	* E1	C757	* G4	C849	G2	D427	* A4	IC303	E4	L103	* D4	Q409	G1	R125	D4	R213	* D3	R344	E4	R462	G1	R622	E3	R769	* G4	R852	H3	R948	H1
C104	C4	C187	* F4	C607	* F3	C758	G2	C850	* G2	D428	* B4	IC304	E4	L104	* F4	Q410	G1	R127	* D5	R214	* B1	R345	E4	R463	* G1	R623	E3	R770	* G4	R853	* F2	R949	* G3
C105	* E5	C188	H4	C608	* E3	C759	* E3	C851	G2	D429	* B4	IC305	H3	L105	* E5	Q411	G1	R128	C4	R215	* D3	R346	* E4	R464	G1	R624	E2	R771	* G4	R854	* F2	R950	* G3
C107	* E4	C189	* H4	C609	* F2	C760	G2	C852	* H2	D701	H3	IC306	* E4	L106	* C4	Q412	G1	R129	C4	R216	* B1	R347	* H3	R465	F1	R625	E2	R772	* F3	R855	H2	R954	* H1
C108	* D4	C190	* H1	C610	* F2	C761	* G4	C853	* H1	D702	* H3	IC307	* G4	L107	* D4	Q413	G1	R130	* D4	R217	* B1	R348	H4	R466	F1	R626	E2	R773	* F3	R856	H3		

Continued

C784	* D2	E6	* C2	IC561	D4	R9	* F1	R220	* A3	R345	* D3	R442	E3	R538	D4	RB209	F3	RB653	D1	DTX-9 1-885-970-11 *: B SIDE	C201	F3	C414	* F1	C737	C4	C883	* D3	FB107	C2	L102	C2	
C785	* D2	E7	* E4	IC581	D4	R10	* F1	R221	* A3	R346	D3	R443	E3	R539	D4	RB210	F3	RB654	D1		C202	F3	C415	* F1	C738	D4	C884	* D3	FB108	C2	L201	F3	
C786	* D2	E8	* E2	IC601	C2	R11	* F1	R222	* A3	R347	D3	R444	* E3	R540	D4	RB211	E4	RB655	D1		C203	* F3	C416	* F1	C801	E3	C885	* D3	FB109	C2	L202	F3	
C787	* E2			IC602	C2	R12	* F1	R223	* A3	R348	D3	R445	* E3	R541	D4	RB212	F4	RB656	C1		C204	* F3	C501	* F2	C802	E4	C886	* D3	FB110	C2	L203	* E2	
C788	* E3	FB20	B2	IC603	C3	R13	* F1	R224	A3	R349	D3	R446	E3	R542	D4	RB213	F4	RB657	D1	C101	* D1	C205	F3	C502	* F2	C803	E4	C887	* D3	FB111	C1	L204	* E3
C789	* E3	FB21	B2	IC611	C1	R14	* E4	R225	* A3	R350	D3	R447	E3	R543	D4	RB214	F3	RB658	D1	C102	* D1	C206	F2	C503	* F2	C804	E4	C888	* D3	FB112	C1	L205	* E3
C790	D2	FB22	B2	IC612	D1	R15	* E4	R226	A3	R351	D3	R448	E2	R544	D4	RB215	F3	RB659	C1	C103	* B1	C207	E3	C508	* F3	C805	E4	C889	* D3	FB113	C2	L301	F1
C791	* D3	FB23	* B3	IC621	E1	R16	* E4	R227	* A3	R352	D3	R449	E3	R545	D4	RB223	* A3	RB660	* E2	C104	* B1	C208	E3	C509	* F3	C806	E4	C890	* D3	FB114	* C2	L302	* F1
C792	* D3	FB24	* B3	IC622	D1	R17	* E4	R228	* A3	R353	D3	R450	* E3	R546	D4	RB225	* A3	RB661	* E2	C105	* B1	C209	E3	C519	* F2	C807	E4	C891	* D3	FB115	* C2	L303	E1
C793	* D2	FB25	B2			R18	* E4	R229	A3	R354	* E3	R451	* E3	R547	D4	RB226	A3	RB662	* D2	C106	B1	C210	E3	C527	E3	C808	* D3	C892	* D2	FB301	* D2	L304	F1
C794	* E2	FB40	B2	L20	B3	R19	* E4	R230	* A3	R355	* E3	R452	E3	R548	* E3	RB227	A3	RB663	* D2	C107	B1	C211	E2	C528	E3	C809	* C2	C893	* D3	FB302	* D1	L305	* E1
C795	* E2	FB41	B2	L40	B2	R20	B3	R231	A3	R356	* D3	R453	E3	R549	D4	RB229	A3	RB664	E1	C108	D1	C212	E2	C529	E3	C810	* D3	C894	* D3	FB303	* E2	L306	* D1
C796	* E3	FB42	B2	L60	B3	R21	B3	R232	* A3	R357	* D3	R454	E2	R550	* E3	RB231	* A4	RB665	E1	C109	D1	C213	E2	C530	E3	C811	* D3	C895	* D3	FB501	* F2	L351	F1
C797	* D3	FB43	* B2	L301	D3	R22	B3	R233	* A3	R358	* F4	R455	E2	R551	D4	RB232	* A4	RB666	E1	C110	* D2	C214	E2	C531	E3	C812	* D3	C896	* D3	FB502	E3	L352	* F1
C798	D2	FB44	* B2	L501	* E3	R23	B3	R234	* A3	R359	* A4	R456	* E3	R552	* E3	RB233	A2	RB667	E1	C111	* B2	C215	E3	C532	E3	C813	* E3	C897	* D3	FB503	E3	L353	E1
C799	* D2	FB60	B3	L521	E4	R24	* B3	R235	* A4	R360	* A4	R457	* E2	R553	D4	RB234	* A3	RB668	E1	C112	* D2	C216	* E2	C533	E3	C814	* E4	C898	* D3	FB504	E3	L354	F2
C800	* D3	FB61	B3	L522	* D4	R25	* B3	R236	* A4	R362	* D3	R458	E3	R554	* E3	RB235	* A2	RB669	E1	C113	* B2	C217	E3	C534	E3	C815	* E4	C899	* D3	FB601	D4	L355	* E2
C801	* D3	FB62	B3	L523	* D4	R26	B3	R237	* A4	R366	E3	R459	E3	R555	* E3	RB250	* A3	RB670	E1	C114	* D1	C218	E2	C535	E3	C816	* D3	C900	* D3	FB602	E4	L356	* D2
C802	* D3	FB63	* B3	L544	D4	R27	B3	R238	* A3	R367	E3	R460	* E3	R556	D4	RB251	* A3	RB671	E1	C115	* D1	C219	E2	C536	E4	C817	* D3	C901	* D3	FB801	* D2	L501	* F3
C803	* D3	FB64	* B3	L601	* C2	R28	B3	R239	* A3	R368	D3	R461	* E3	R558	* E3	RB252	A2	RB672	D1	C116	* B1	C220	E3	C537	E3	C818	* E4	C902	* D3	FB802	* D2	L601	* E4
C804	* D3	FB80	C3	L602	* C2	R29	B3	R240	* A3	R369	D3	R462	* E3	R559	* E3	RB301	* E2	RB673	D1	C117	* B1	C221	E3	C538	E4	C820	* D3	C903	* D3			L602	* E4
C805	* E2	FB81	C3	L603	* C3	R30	B3	R250	* F3	R370	E3	R463	* E3	R560	* E3	RB302	* E2	RB674	D1	C118	* D2	C222	E2	C539	E3	C821	* D3	C904	* D3	FL302	E1	L603	* E4
C806	* E2	FB82	* C3	L604	* C2	R31	E4	R251	* F4	R371	E3	R464	* E3	R561	D4	RB303	* E2	RB675	D1	C119	* D2	C223	E3	C540	E3	C822	* D3	C905	* D3	FL352	E2	L701	* C3
C807	* E2	FB83	* C3	L605	* C3	R32	E4	R252	F4	R372	D3	R465	F3	R562	D4	RB304	* E2	RB676	D1	C120	* D2	C224	* E3	C541	E3	C823	* D3	C906	* D3			L702	C3
C808	* D3	FB501	C4	L606	* C3	R33	E4	R253	F4	R373	D3	R466	F3	R563	D4	RB305	* E2	RB677	D1	C121	* B2	C225	* E3	C542	E3	C824	* D3	C907	* C3	IC1	D3	L703	* C4
		FB502	C4	L640	* C1	R34	E4	R255	* F4	R374	D3	R468	* F3	R564	D4	RB306	C4	RB678	D1	C122	* B2	C226	E3	C543	E3	C825	* D3	C908	* C2	IC101	* D2	L704	C4
CL1	F1	FB503	* E4	L641	* C1	R35	E4	R257	A2	R375	D3	R469	* F3	R565	D4	RB307	C4	RB679	D1	C123	* B2	C227	E3	C544	E3	C826	* D3	C909	* C2	IC102	* B2	L801	* C2
CL2	E1	FB505	* E3	L642	* D1	R36	E4	R258	A2	R376	D3	R470	* E2	R566	D4	RB308	F4			C124	* B2	C301	F1	C545	E3	C827	* D3	C910	* E2	IC103	* D1	L802	* E2
CL3	E4	FB506	* E3	L643	* D1	R37	E4	R259	A2	R377	D3	R471	* E2	R567	D3	RB309	* A4	S2	A4	C125	* D2	C302	F1	C546	E3	C828	* D3	C911	* C3	IC104	* C2	L803	* C3
CL4	E4	FB507	* E3	L660	* E1	R38	E4	R260	A3	R378	D3	R472	* E2	R568	D4	RB310	* C4			C126	B2	C303	* F1	C547	E3	C829	* D3	C912	* E3	IC105	* C1	L804	* C2
CL20	B2	FB508	E3	L661	* E1	R39	E4	R261	A3	R379	D3	R473	* E2	R569	D4	RB311	C4	THP1	F1	C127	B2	C304	* F1	C548	E3	C830	* D3	C913	* E3	IC106	C2	L805	* C2
CL40	B2	FB509	E3	L662	* D1	R40	B2	R262	A3	R380	D3	R474	* F3	R570	* E3	RB313	C4	THP2	* E1	C128	D2	C305	* F1	C549	E3	C831	* D3	C914	* E3	IC107	C2	L806	* C3
CL60	C3	FB521	* D4	L663	* D1	R41	B2	R264	* F4	R383	D3	R475	F4	R571	* E3	RB314	C4	THP3	E4	C129	B2	C306	* E1	C550	E3	C832	* D3	C915	D4	IC108	D2	L807	* E3
CL80	C3	FB522	E4	L701	D2	R42	B2	R267	* F4	R386	D3	R476	* E3	R572	* E3	RB319	C4	THP5	E1	C130	B2	C307	* E1	C551	* F2	C833	* D3	C916	* E2	IC109	F1	L808	* E3
CL81	C3	FB523	* D4	L702	* D2	R43	B2	R268	* F4	R387	D3	R477	* E3	R573	* E3	RB320	A4	THP20	B2	C131	D2	C308	* E1	C601	D4	C834	* D3	C917	* D2	IC110	A2	L809	* E3
CL301	E2	FB561	D3	L703	* D2	R44	* B2	R269	* E4	R388	D3	R478	E3	R574	* E3	RB321	* A4	THP21	B2	C132	D2	C309	E1	C602	* E4	C835	* D3			IC111	A2	L810	* E2
CL302	D3	FB581	D4	L704	D3	R45	* B2	R278	A2	R389	D3	R479	E3	R575	* E3	RB322	E3	THP40	B2	C133	B2	C310	F1	C603	D4	C836	* D3	CL101	B2	IC201	E3		
CL303	D3			L705	D3	R46	B2	R279	A2	R390	D3	R480	E3	R576	* E3	RB323	E4	THP41	B2	C134	B2	C311	E1	C604	* E4	C837	* D3	CL102	B2	IC202	E3	Q101	D1
CL304	D3	IC1	* F1	L706	D3	R47	B2	R299	* A4	R393	D3	R481	E3	R577	* E3	RB324	* E4	THP60	B3	C135	D2	C312	E1	C605	D4	C838	* D3	CL103	D2	IC301	* F1	Q102	D1
CL305	D3	IC2	* E4	L707	D3	R48	B2	R301	* D3	R394	D3	R482	E3	R578	* E3	RB420	* F3			C136	C1	C313	E1	C606	D4	C839	* D3	CL104	D2	IC302	D1	Q103	B2
CL307	* D3	IC3	* F1	L708	D3	R49	B2	R302	* D3	R395	D3	R483	E3	R579	* E3	RB421	* F3	TP11	C2	C137	* D1	C314	E1	C607	D4	C840	* D3	CL105	C1	IC303	* D1	Q104	B2
CL308	* D3	IC6	E4	L709	D3	R50	B2	R303	D2	R396	D3	R484	E3	R580	* E3	RB501	* E3	TP12	E4	C138	D1	C315	* E1	C608	D4	C841	* D3	CL106	C2	IC351	* F2	Q105	* B1
CL309	E3	IC20	B3	L710	* D2	R51	E4	R304	D2	R397	D3	R485	E3	R581	C4	RB601	* D2	TP501	C4	C139	* C1	C316	E1	C609	E4	C842	* D3	CL107	C2	IC352	D2	Q106	* B1
CL310	* D3	IC40	B2	L711	* D2	R52	A1	R305	C4	R398	D3	R486	E2	R582	C3	RB602	* D2			C140	* C2	C317	* D1	C610	* E4	C843	* D3	CL108	C2	IC401	F4	Q107	* F3
CL311	* D3	IC60	B3	L712	* D2	R53	A1	R306	D2	R399	D3	R487	E3	R583	D4	RB603	* D2	X541	D4	C141	* C2	C318	D1	C611	E4	C844	* D3	CL109	D2	IC402	F4	Q108	* F3
CL312	* D3	IC80	C4	L713	D2	R54	A2	R307	* D2	R400	* A4	R488	E3	R584	D4	RB604	* D2	X542	D4	C142	* D1	C319	F2	C612	E4	C845	* D3	CL201	E3	IC403	* F4	Q109	A2
CL313	* D3	IC81	C4	L714	E2	R60	B3	R308	* D2	R401	* F3	R501	C4	R585	D3	RB605	C2			C143	* C2	C320	F2	C613	E4	C846	* D3	CL202	E3	IC404	* F4	Q201	* F3
CL314	* D3	IC201	F4	L715	E2	R61	B3	R309	* D2	R402	* F3	R502	C4	R586	D3	RB606	C2			C144	* C1	C321	* D2	C614	E4	C847	* D3	CL203	E3	IC405	F4	Q202	* F3
CL315	* D3	IC202	F3	L716	E2	R62	B3	R310	C4	R403	* F3	R503	C4	R587	D4	RB607	C2			C145	* D1	C322	* D2	C615	* E4	C848	* D3	CL204	E3	IC406	B4	Q301	F2
CL316	* D3	IC203	E4	L717	D3	R63	B3	R311	* C4	R404																							

R109	* D2	R216	E2	R368	E2	R453	A2	R566	E3	R708	C3	RB503	* F2	EN-159A, EN-159B 1-868-002-11 *: B SIDE	C212	B1	C328	* D4	C411	* F2	C573	* F3	D302	C4	IC511	* G3	Q202	B1	R170	* F4	R277	* A2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
R110	* D2	R217	E2	R369	* F2	R456	A2	R567	E3	R709	C3	RB505	* F2		C213	B1	C329	* D4	C412	* F3	C574	* F2	D501	F2	IC512	* G3	Q203	B1	R171	* F5	R278	* A2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
R111	* D2	R218	E3	R370	E2	R457	A2	R568	E3	R710	* D3	RB701	* C3		C214	B1	C330	* C4	C413	* F3	C575	* F2	D502	* F3	IC513	H2	Q204	B1	R172	* F5	R279	* B3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
R112	* B2	R219	E3	R371	E2	R458	A3	R569	D2	R711	* C4	RB702	* C3		C215	B2	C331	C2	C414	* F4	C576	* F3	D503	* G2	IC514	H2	Q205	B1	R174	* F4	R280	* C2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
R113	* B2	R220	E2	R372	E2	R459	B4	R570	D2	R712	* C4	RB703	* C3		C216	C2	C332	C2	C415	* F3	C577	* F2	D504	* F4	IC515	H2	Q206	* A2	R175	* G4	R281	* C2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
R114	* B2	R221	E2	R373	E2	R460	B4	R571	D2	R713	* C4	RB704	* C3		C217	B2	C333	* E5	C416	E3	C578	* F3	E101	C3	IC516	* G2	Q207	* A2	R176	* G5	R282	* C1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
R115	* B2	R222	* E2	R374	E2	R461	A3	R572	D2	R714	C4	RB705	* C3		C218	C2	C334	E4	C417	E3	C579	* F3	E102	F2	IC517	* G3	Q208	A4	R177	* G4	R283	C1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
R116	* D2	R223	* E2	R375	E2	R462	B4	R573	D2	R715	C4	RB706	* C3		C219	B1	C335	* E4	C418	E3	C580	* F2	E103	G4	IC518	F2	Q209	A4	R201	B1	R284	C1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
R117	* D2	R224	E2	R376	E2	R463	B4	R574	D2	R717	D4	RB707	* C3		C220	C1	C336	C2	C419	E3	C581	* F3	E104	* C3	IC519	F2	Q501	G1	R202	B1	R285	* D1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
R118	* B2	R225	E2	R377	E2	R464	A3	R575	D2	R718	* D4	RB708	* C3		C221	B1	C337	D2	C420	E4	C582	* F3					Q502	G1	R203	B1	R286	* C1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
R119	* B2	R226	E2	R378	E2	R465	B4	R576	D2	R719	D4	RB709	* C3	C101 B4 C102 C4 C103 * B4 C104 * C4 C105 * B4 C106 * B4 C107 * B4 C108 * B4 C109 * C4 C110 * B4 C111 H5 C112 H4 C113 H1 C114 H1 C115 * G4 C116 * G4 C117 * B4 C118 * C4 C119 H1 C120 * B4 C121 * C4 C122 * B4 C123 * C4 C124 * B4 C125 * C4 C126 * B4 C127 * B4 C128 * C4 C129 * C4 C130 G5 C131 G4 C132 G5 C133 H1 C134 H1 C135 G4 C136 B4 C137 C4 C138 * A1 C139 * H1 C140 * A1 C141 * H1 C142 H1 C143 H1 C144 * C2 C145 * C2 C146 H1 C147 * H4 C148 * H4 C149 * G4 C150 * H4 C151 G5 C152 G4 C153 * G4 C155 * G4 C156 H4 C157 H4 C158 H5 C159 H3 C160 * H3 C161 * H5 C162 * H4 C163 * H4 C164 * F4 C165 * G4 C166 G4 C167 * E4 C201 * H1 C202 * H1 C203 B1 C204 C1 C205 * H1 C206 B1 C207 B1 C208 B1 C209 B1 C210 B1 C211 B1	C222	B1	C338	D2	C421	E4	C583	* G3	C501	* D1	C502	* E1	C503	* E2	C504	* D1	C505	* E1	C506	* D1	C507	* E1	C508	* E1	C509	* E1	C510	* E1	C511	* D2	C512	* E1	C513	* D1	C514	* E1	C515	* E1	C516	* E2	C517	* A1	C518	* A2	C519	* F1	C520	* J1	C521	G1	C522	G1	C523	G1	C524	* B2	C525	* J1	C526	* G1	C527	* G1	C528	G1	C529	G1	C530	G1	C531	G1	C532	G1	C533	G1	C534	G1	C535	G1	C536	G1	C537	G1	C538	G1	C539	G1	CL101	B4	CL102	C4	CL103	H1	CL104	G5	CL105	G4	CL106	J4	CL107	J4	CL201	B3	CL301	D3	CL302	D3	CL303	C3	CL304	C3	CL305	D3	CL306	D3	CL501	D1	IC314	E2	IC315	* E4	IC316	E3	IC317	E4	IC318	E3	IC319	F2	IC320	F3	IC321	F3	IC501	E1	IC502	B2	IC503	F1	IC504	A2	IC505	F2	IC506	F3	IC507	F3	IC508	* J1	IC509	* J1	IC510	* G2	D101	* G4	D102	* G4	D103	A4	D201	B1	D202	A2	D203	A2	D204	A3	D205	A4	D301	D4	L101	B4	L102	C4	L103	C4	L104	B4	L105	H4	L106	H4	L201	B1	L202	C1	L203	B1	L204	B2	L205	C2	L206	A4	L207	* B2	L208	* D2	L209	* C1	L301	* D4	L302	* D4	L303	D4	L304	* C4	L305	* D5	L306	* C4	L307	* D4	L308	* E4	L309	* E5	L310	* E4	L311	* F4	L312	* F4	L313	* E3	L314	* E3	L315	* E4	L316	* E2	L317	* E3	L318	* E3	L319	E2	L320	E3	L321	E3	L322	* E2	L323	* E3	L324	* E3	L325	* E2	L326	* E3	L327	* E3	L501	* D1	L502	* E1	L503	* G1	L504	* G1	L505	G1	L506	G1	L507	G1	L508	* G1	L509	* G1	L510	F2	L511	F3	L512	F4	L513	* F2	L514	* F3	L515	* F3	L516	* G2	L517	* G4	L518	* G2	L519	* H2	L520	* H4	L521	* G2	L522	* G3	L523	* H3	L524	* G3	Q101	* H5	Q102	* H4	Q103	H1	Q104	H1	Q105	* A4	Q201	B1	R101	* A4	R102	* A4	R103	* A4	R104	* A4	R105	* A4	R106	* A4	R107	* B4	R108	* C4	R109	* B4	R110	* C4	R111	* C4	R112	* A4	R113	* A4	R114	* A4	R115	H1	R116	H1	R117	* G4	R118	* G4	R119	* C4	R120	* B4	R121	H1	R122	* B4	R123	* B4	R124	* B4	R125	* C4	R126	* C4	R127	* C4	R128	* B4	R129	* C4	R130	* A4	R131	* A4	R132	G4	R133	G4	R134	* B4	R135	* C4	R136	* A4	R137	G4	R138	H1	R139	H1	R140	* A4	R141	* B4	R142	* C4	R143	G4	R144	G4	R145	H1	R146	H1	R147	H1	R148	* B4	R149	* C4	R150	* H3	R151	* H4	R152	* H4	R153	* H4	R154	* H5	R155	* H5	R156	* G5	R157	* G5	R158	* F5	R159	* E4	R160	* E4	R161	* E4	R162	* H4	R163	* H4	R164	G4	R165	* F4	R166	* F4	R167	* F4	R168	* F4	R169	* F4	R202	* A2	R203	* A2	R204	* A2	R205	* A2	R206	* A2	R207	* A2	R208	* A2	R209	* A2	R210	* A2	R211	* A2	R212	* A2	R213	* A2	R214	* A2	R215	* A2	R216	* A2	R217	* A2	R218	* A2	R219	* A2	R220	* A2	R221	* A2	R222	* A2	R223	* A2	R224	* A2	R225	* A2	R226	* A2	R227	* A2	R228	* A2	R229	* A2	R230	* A2	R231	* A2	R232	* A2	R233	* A2	R234	* A2	R235	* A2	R236	* A2	R237	* A2	R238	* A2	R239	* A2	R240	* A2	R241	* A2	R242	* A2	R243	* A2	R244	* A2	R245	* A2	R246	* A2	R247	* A2	R248	* A2	R249	* A2	R250	* A2	R251	* A2	R252	* A2	R253	* A2	R254	* A2	R255	* A2	R256	* A2	R257	* A2	R258	* A2	R259	* A2	R260	* A2	R261	* A2	R262	* A2	R263	* A2	R264	* A2	R265	* A2	R266	* A2	R267	* A2	R268	* A2	R269	* A2	R270	* A2	R271	* A2	R272	* A2	R273	* A2	R274	* A2	R275	* A2	R276	* A2	R277	* A2	R278	* A2	R279	* A2	R280	* A2	R281	* A2	R282	* A2	R283	* A2	R284	* A2	R285	* A2	R286	* A2	R287	* A2	R288	* A2	R289	* A2	R290	* A2	R291	* A2	R292	* A2	R293	* A2	R294	* A2	R295	* A2	R296	* A2	R297	* A2	R298	* A2	R299	* A2	R300	* A2	R301	* A2	R302	* A2	R303	* A2	R304	* A2	R305	* A2	R306	* A2	R307	* A2	R308	* A2	R309	* A2	R310	* A2	R311	* A2	R312	* A2	R313	* A2	R314	* A2	R315	* A2	R316	* A2	R317	* A2	R318	* A2	R319	* A2	R320	* A2	R321	* A2	R322	* A2	R323	* A2	R324	* A2	R325	* A2	R326	* A2	R327	* A2	R328	* A2	R329	* A2	R330	* A2	R331	* A2	R332	* A2	R333	* A2	R334	* A2	R335	* A2	R336	* A2	R337	* A2	R338	* A2	R339	* A2	R340	* A2	R341	* A2	R342	* A2	R343	* A2	R344	* A2	R345	* A2	R346	* A2	R347	* A2	R348	* A2	R349	* A2	R350	* A2	R351	* A2	R352	* A2	R353	* A2	R354	* A2	R355	* A2	R356	* A2	R357	* A2	R358	* A2	R359	* A2	R360	* A2	R361	* A2	R362	* A2	R363	* A2	R364	* A2	R365	* A2	R366	* A2	R367	* A2	R368	* A2	R369	* A2	R370	* A2	R371	* A2	R372	* A2	R373	* A2	R374	* A2	R375	* A2	R376	* A2	R377	* A2	R378	* A2	R379	* A2	R380	* A2	R381	* A2	R382	* A2	R383	* A2	R384	* A2	R385	* A2	R386	* A2	R387	* A2	R388	* A2	R389	* A2	R390	* A2	R391	* A2	R392	* A2	R393	* A2	R394	* A2	R395	* A2	R396	* A2	R397	* A2	R398	* A2	R399	* A2	R400	* A2	R401	* A2	R402	* A2	R403	* A2	R404	* A2	R405	* A2	R406	* A2	R407	* A2	R408	* A2	R409	* A2	R410	* A2	R411	* A2	R412	* A2	R413	* A2	R414	* A2	R415	* A2	R416	* A2	R417	* A2	R418	* A2	R419	* A2	R420	* A2	R421	* A2	R422	* A2	R423	* A2	R424	* A2	R425	* A2	R426	* A2	R427	* A2	R428	* A2	R429	* A2	R430	* A2	R431	* A2	R432	* A2	R433	* A2	R434	* A2	R435	* A2	R436	* A2	R437	* A2	R438	* A2	R439	* A2	R440	* A2	R441	* A2	R442	* A2	R443	* A2	R444	* A2	R445	* A2	R446	* A2	R447	* A2	R448	* A2	R449	* A2	R450	* A2	R451	* A2	R452	* A2	R453	* A2	R454	* A2	R455	* A2	R456	* A2	R457	* A2	R458	* A2	R459	* A2	R460	* A2	R461	* A2	R462	* A2	R463	* A2	R464	* A2	R465	* A2	R466	* A2	R467	* A2	R468	* A2	R469	* A2	R470	* A2	R471	* A2	R472	* A2	R473	* A2	R474	* A2	R475	* A2	R476	* A2	R477	* A2	R478	* A2	R479	* A2	R480	* A2	R481	* A2	R482	* A2	R483	* A2	R484	* A2	R485	* A2	R486	* A2	R487	* A2	R488	* A2	R489	* A2	R490	* A2	R491	* A2	R492	* A2	R493	* A2	R494	* A2	R495	* A2	R496	* A2	R497	* A2	R498	* A2	R499	* A2	R500	* A2	R501	* A2	R502	* A2	R503	* A2	R504	* A2	R505	* A2	R506	* A2	R507	* A2	R508	* A2	R509	* A2	R510	* A2	R511	* A2	R512	* A2	R513	* A2	R514	* A2	R515	* A2	R516	* A2	R517	* A2	R518	* A2	R519	* A2	R520	* A2	R521	* A2	R522	* A2	R523	* A2	R524	* A2	R525	* A2	R526	* A2	R527	* A2	R528	* A2	R529	* A2	R530	* A2	R531	* A2	R532	* A2	R533	* A2	R534	* A2	R535	* A2	R536	* A2	R537	* A2	R538	* A2	R539	* A2	R540	* A2	R541	* A2	R542	* A2	R543	* A2	R544	* A2	R545	* A2	R546	* A2	R547	* A2	R548	* A2	R549	* A2	R550	* A2	R551	* A2	R552	* A2	R553	* A2	R554	* A2	R555	* A2	R556	* A2	R557	* A2	R558	* A2	R559	* A2	R560	* A2	R561	* A2	R562	* A2	R563	* A2	R564	* A2	R565	* A2	R566	* A2	R567	* A2	R568	* A2	R569	* A2	R570	* A2	R571	* A2	R572	* A2	R573	* A2	R574	* A2	R575	* A2	R576	* A2	R577	* A2	R578	* A2	R579	* A2	R580	* A2	R581	* A2	R582	* A2	R583	* A2	R584	* A2	R5

Continued

L4003	C2	R474	C4	RC-105 1-885-971-11 *: B SIDE	C80	D4	C366	* D4	C503	F3	C633	* A2	CL301	* D3	FB561	E4	L404	* E2	R30	* C1	R240	* C3	R358	* D4	R464	C2	R580	E3	RB252	C4	RB613	A2
		R475	C3		C81	D4	C367	* D4	C504	F3	C634	* A2	CL302	* D3	FB581	E4	L405	* E3	R31	* D4	R252	* F4	R359	* D4	R471	B3	R581	E4	RB301	* E3	RB614	A2
PH41	A2	R476	C3		C82	D4	C374	F3	C505	F3	C635	* A3	CL303	* D3			L406	* E3	R32	C4	R253	* F4	R360	* D4	R472	* B3	R582	E4	RB302	* E3	RB615	A2
		R477	C4		C83	D4	C375	F3	C506	F3	C636	* A3	CL304	* D3	FL501	B1	L407	* E3	R33	D4	R254	D4	R361	* D4	R473	* B3	R583	E4	RB303	E3	RB616	A2
Q401	B4	R478	C3		C1	D1	C84	D4	C378	F3	C507	* F3	C941	* B3	FL502	B1	L501	* F3	R34	D4	R255	* F4	R362	* E3	R501	F3	R584	E4	RB304	E3	RB617	A2
Q402	B4	R479	A3		C2	D1	C85	D4	C379	F3	C509	F3	C942	* B3	FL503	C1	L502	* F3	R35	D4	R257	C4	R363	E3	R502	F2	R585	E4	RB305	E3	RB618	A2
Q404	B4	R480	A3		C3	D1	C86	D4	C390	* F3	C510	B1	C943	* B3			L503	A1	R36	* D4	R258	C4	R364	* D4	R503	* F3	R586	E4	RB306	* F2	RB619	A2
Q406	A3	R481	A4		C4	C1	C87	D4	C391	* F3	C511	A1	C944	* B3	IC1	* C1	L504	B1	R37	* D4	R259	C4	R365	D3	R504	F3	R587	E4	RB307	F2	RB620	A2
Q407	A3	R498	A3		C5	D1	C88	D4	C392	* F3	C512	B1	C945	* B3	IC2	* D1	L505	* C1	R38	* D4	R260	D3	R366	E3	R505	F2	R588	E4	RB309	* F3	RB621	A2
Q408	A3	R4001	A2		C6	D1	C89	D4	C393	* F2	C513	* B1	C946	* B3	IC3	* D1	L506	* B1	R39	* D4	R261	C3	R367	D3	R506	* F3	R589	E4	RB310	* F3	RB622	A2
Q409	A3	R4002	A2		C7	* C1	C90	D4	C394	F2	C514	A1	C947	* B3	IC4	* D4	L541	E3	R40	* B4	R262	D3	R368	D3	R507	* F3	R590	E3	RB311	* F3	RB623	A3
Q410	A3	R4003	A2		C8	* C1	C91	D2	C395	F2	C515	* C1	C948	* C3	IC7	D4	L542	E3	R41	* B4	R263	* F4	R369	* D3	R508	F3	R591	E3	RB312	* F3	RB624	A3
Q411	A3	R4004	A2		C9	* D1	C92	D2	C399	B4	C516	B1	C949	* B3	IC40	* B4	L543	E3	R42	* B4	R264	* F4	R370	D3	R509	F3	R592	E3	RB313	* F3	RB625	A3
Q412	C4	R4005	A2		C10	* D1	C93	C1	C401	* D3	C517	B1	C950	* B3	IC60	* C4	L544	E3	R43	* B4	R265	* F4	R371	D3	R510	A1	R593	E3	RB314	* F2	RB626	A3
Q413	C3	R4006	A2		C11	D4	C94	C1	C402	* D3	C518	* F3	C951	* B3	IC80	D4	L601	* A2	R44	* B4	R266	* F4	R372	D3	R511	F3	R594	E3	RB315	* F3	RB634	A4
Q414	A3	R4007	A2		C12	* D4	C95	C1	C403	* D3	C519	* C1	C952	* C2	IC81	D4	L602	* A3	R45	* B4	R268	C4	R373	* D3	R512	F3	R595	E3	RB316	* F3	RB635	A3
Q415	A3	R4008	A2		C13	* C1	C96	C1	C404	* D3	C520	* C1	C953	* B3	IC201	F4	L603	* A4	R46	* B4	R269	* F3	R374	* D3	R513	F3	R596	E3	RB317	* F3	RB636	A3
Q416	B4	R4009	A2		C14	* C1	C97	C1	C405	* D3	C521	* C1	C954	* B3	IC202	F4	L604	* A3	R47	* B4	R270	* F4	R375	D3	R514	F3	R597	E3	RB318	* F3	RB637	A4
Q417	B3	R4010	A2		C15	* D4	C98	E1	C406	* D3	C522	* C1	C955	* B3	IC203	F4	L605	* A2	R48	* B4	R271	C4	R376	* D3	R515	* B1	R598	E3	RB319	* F3	RB638	A4
		R4011	A2		C16	* D4	C203	F4	C407	* D3	C523	E2	C956	* B3	CN1	F2	L606	* A3	R49	* B4	R272	* F4	R377	* D3	R516	F3	R599	E2	RB320	* A4	RB639	A4
R403	C4	R4012	A2		C17	* D1	C204	F4	C408	* D3	C524	* C1	C957	* B3	CN2	F4	L607	* A2	R50	B4	R275	* F4	R378	* D3	R517	* F3	R600	F3	RB321	* A4	RB640	A4
R404	C4				C18	* D1	C205	F4	C409	* D3	C525	E2	C958	* B3	CN3	* A4	L608	* A3	R51	* D4	R276	* F4	R379	E3	R518	* F3	R601	* B2	RB322	* D3	RB641	A4
R405	B4	T41	A2		C19	* C1	C206	F4	C410	* D3	C526	E2	C959	* B3			L941	B4	R52	* D4	R277	* F4	R380	* D3	R519	* F3	R602	B3	RB323	* D4	RB642	A3
R406	A3	T401	A4		C20	* C1	C210	C4	C411	* D3	C527	E2	C960	* B3	D1	* C1	L942	B4	R53	D4	R278	F4	R381	* D3	R520	F3	R603	* B2	RB324	F4	RB643	A3
R407	B4	T402	B3		C21	* C1	C217	* F3	C412	* D3	C528	E2	C961	* B3	D2	* C1	L943	B2	R55	A2	R299	A4	R382	* D3	R521	E2	R604	A2	RB325	D4	RB644	A3
R408	A3				C22	* D1	C218	* F4	C413	* D3	C529	E2	C962	* B3	D3	A2	L944	B4	R56	D4	R300	* D3	R383	* D3	R522	E2	R605	* B3	RB326	* F2	RB645	A3
R409	A3				C23	* D1	C220	* F3	C414	* D3	C541	E3	C963	* B3	D201	A2	L945	B4	R60	* C4	R301	* D3	R384	D3	R523	E2	R606	B3	RB327	* F4	RB646	A3
R410	A3				C24	* D1	C224	* F3	C415	* D3	C542	E3	C964	* B3	D202	A2	L946	* B4	R61	* C4	R302	* D4	R385	D3	R524	E2	R607	* B3	RB401	C3	RB647	A3
R411	B4				C25	* D1	C230	* C3	C416	* D3	C543	E3	C965	* B3	D203	A2	L947	* B4	R62	* C4	R303	* D3	R386	* E4	R525	E2	R608	A4	RB402	* C3	RB648	A3
R412	A4				C26	* C1	C231	* C3	C417	* D3	C544	E3	C966	B2	D204	A3			R63	* C4	R304	F2	R387	* E4	R526	* B3	R610	A2	RB403	C3	RB649	A3
R413	B4				C27	D1	C251	* F4	C418	* D3	C545	E3	C967	B3	D205	A3	Q1	* D1	R64	* C4	R305	F2	R388	D3	R527	B1	R612	A2	RB404	C3	RB701	* B2
R414	C4				C28	C1	C252	F4	C419	* D3	C546	E3	C968	* B3	D206	A3	Q2	* C1	R65	* C4	R306	* E3	R389	D3	R528	B1	R614	A4	RB405	* C3	RB705	B3
R415	A3				C29	D1	C301	F2	C420	* D3	C547	E3	C969	* B3	D207	A3	Q3															

RE-276		C7056	F4	C8045	G3	IC7010	C2	R6052	A3	R7075	F3	R8009	B2	SDI-98	C135	* D2	CN102	E1	Q706	* C1	R127	D2	R519	* C1	SDP-17	C179	D1	C365	* C4	C721	E3		
1-881-966-11		C7057	B3	C8046	G3	IC7011	A3	R6053	A3	R7076	F3	R8011	G2		C136	* D2	CN103	E2	Q801	D1	R128	D2	R520	* C1		C180	* B2	C366	* B4	C722	E3		
*: B SIDE		C7058	F4	C8047	G3	IC7013	D3	R6054	A3	R7077	F4	R8012	F2	1-885-976-11		C137	* D2	CN104	E2	Q802	* D1	R129	* D2	R521	* C1	1-885-980-11		C181	* D3	C367	* C3	C723	E3
		C7059	B3			IC7015	F4	R6055	A3	R7078	B3	R8015	G2	*: B SIDE		C138	* C2	CN105	E3	Q803	C1	R130	D2	R522	* C1	*: B SIDE		C200	A1	C368	* B3	C724	E3
C601	C1	C7060	C2	CL8001	G2	IC8003	G1	R6057	A3	R7079	B3	R8016	G2	C1	* A3	C139	D2	CN106	* D1	Q804	C1	R131	D2	R553	C2	C100	* B1	C201	A1	C369	* B3	C726	E3
C6008	B4	C7061	C2			IC8004	F1	R6059	B3	R7080	E2	R8018	G2	C2	* A3	C140	D2			Q805	* C1	R132	D2	R554	C2	C101	* C1	C202	* B1	C370	* C4	C727	E3
C6009	C1	C7062	F4			IC8005	G2	R6060	B3	R7084	B3	R8025	G2	C3	A3	C141	* C2	D1	* B3			R133	D2	R555	C2	C102	* B1	C203	* A2	C371	* B4	C728	E3
C6010	B4	C7063	E4	CN6001	A3	IC8006	G1	R6061	B3	R7085	C2	R8081	G1	C4	B3	C142	C2	D2	* B3			R134	* D2	R556	C2	C103	* B1	C204	* B1	C372	* C3	C729	E3
C6011	B3	C7064	F4	CN7001	C3	IC8007	F2	R6062	B3	R7086	C2	R8084	G1	C5	* A3	C143	C2			R1	* B3	R135	* D2	R601	D1	C104	C1	C205	* B1	C373	* C3	C730	E4
C6012	B4	C7065	F3	CN8001	A2	IC8008	G2	R6063	B3	R7087	C2	R8085	G1	C6	* B3	C144	* C2	E1	D2	R2	* B3	R136	* D2	R602	D1	C105	* C1	C206	* A1	C374	* C4	C731	E3
C6013	B3	C7066	B3	CN8002	E4	IC8009	F2	R6064	A3	R7088	C2	R8087	G2	C7	* B3	C145	C2	E2	* C2	R3	* B3	R137	* D2	R603	D1	C106	* C1	C207	D3	C375	* B3	C732	E4
C6014	G3	C7067	E4	CN8005	G1	IC8011	G2	R6066	B3	R7089	B4	R8088	G2	C8	* B3	C146	* C2			R4	* C3	R138	* D2	R604	D1	C107	* B1	C208	* A1	C376	* B4	C733	B5
C6015	B4	C7068	F3	CN8006	G4	IC8013	G3	R6068	B3	R7090	B4			C9	* B3	C147	C2	FB1	* B2	R5	* B3	R139	* D2	R605	* D1	C108	* C1	C209	* B1	C377	* C3	C734	E4
C6016	B4	C7069	B3	CN8009	A2	IC8014	G3	R6070	A3	R7091	B4	RB8001	G1	C10	* B3	C148	C2	FB2	B2	R6	* B3	R140	* D2	R606	C1	C109	D1	C210	* B1	C378	* C3	C735	E3
C6017	B3	C7070	C2					R6071	B3	R7092	B4	RB8002	G1	C11	C3	C149	* C2	FB3	B1	R7	* B3	R141	* C2	R607	* C1	C110	C1	C211	* A1	C379	* C3	C736	E4
C6018	G3	C7071	C2	D6004	C1	L7001	G4	R6073	B3	R7093	C2	RB8003	G1	C12	* B3	C201	E2	FB4	B2	R8	* B1	R142	C2	R608	* C1	C111	* C2	C212	* B2	C380	* C3	C737	E4
C6019	G3	C7072	C2	D6005	A3	L7002	D2	R6074	G3	R7094	C2	RB8004	G1	C13	B3	C202	E2	FB5	B2	R9	* B1	R143	C2	R609	* C1	C112	D1	C213	* A1	C381	* C3	C738	E3
C6020	B3	C7073	A3	D6006	A3	L7003	E2	R6075	G3	R7095	A4	RB8005	G1	C14	B3	C203	E1	FB101	* D1	R10	* B1	R144	C2	R701	D1	C113	C1	C214	* A1	C382	* C4	C739	* D4
C6021	B3	C7074	C2	D6007	B3	L7004	F2	R6076	G3	R7096	B3	RB8006	F1	C15	B3	C204	E1	FB201	* D2	R11	* B1	R145	* C2	R702	D1	C114	C1	C300	* B3	C383	* C3	C740	E3
C6022	B3	C7075	B3	D6008	G3	L7005	C2	R6078	G3	R7097	A3	RB8007	F1	C16	B3	C205	E1	FB301	* D2	R12	* B1	R146	* C2	R703	D1	C115	C1	C301	C3	C384	* C4	C741	E3
C6023	A3	C7076	C2	D6009	C1	L7007	B3	R6079	B3	R7098	A3	RB8009	F2	C17	* A1	C206	E2	FB401	* D3	R13	* B1	R147	* C2	R704	D1	C116	* C1	C302	* C4	C385	* C3	C800	* D5
C6024	A4	C7077	C2	L7003	G4	L7008	B4	R6081	B3	R7099	C2	RB8010	G2	C18	B1	C207	* E2			R14	* B1	R148	* C2	R705	* D1	C117	D1	C303	* C3	C386	* C3	C801	* E5
C6025	A3	C7078	C2	D7004	D2	L7009	D4	R6082	B3	R7100	C2	RB8011	F2	C19	* B1	C208	E2	IC1	* B3	R15	* B1	R149	* C2	R706	C1	C118	* B1	C304	* C3	C387	* D3	C802	* E5
C6026	A3	C7079	C2	D7005	E1	L8001	B2	R6083	B3	R7101	C2	RB8012	G2	C20	* B1	C209	E2	IC2	* C3	R19	* B1	R150	* C2	R707	* C1	C119	C1	C305	* C3	C388	D3	C803	* E5
C6027	A4	C7080	A3	D7006	E1	L8002	F4	R6088	B3	R7102	C2	RB8013	G2	C21	* B1	C210	E2	IC3	* B1	R20	* B1	R152	C2	R708	* C1	C120	* B1	C306	* C3	C389	* D3	C804	* E5
C6028	A3	C7083	D2	D7007	B3	L8003	F4	R6098	A4	R7104	C2	RB8014	F2	C22	* B1	C301	E2	IC4	* B2	R21	* B1	R154	* D2	R709	* C1	C121	C1	C307	* C4	C390	B3	C805	* E5
C6029	A3	C7084	D2	D7008	F4			R6099	A4	R7105	C2	RB8015	F2	C23	* B1	C302	E2	IC5	B1	R22	* B1	R201	E1	R801	D1	C122	C1	C308	* C3	C391	* B3	C806	* E5
C6030	A3	C7094	C2	D7009	F4	PH61	C1	R6100	G3	R7106	C2	RB8016	G2	C24	B1	C303	E2	IC6	A3	R23	* B1	R202	E2	R802	D1	C123	* C1	C309	* C4	C392	* C2	C807	* E5
C6031	A3	C7101	C3	D7010	B3	PH62	C1	R6101	G3	R7109	C2			C25	B1	C304	E2	IC101	E1	R24	* B1	R203	E2	R803	D1	C124	C2	C310	* C4	C393	* C3	C808	* E5
C6032	B1	C7102	C3	D7011	B4	PH63	C1	R6102	G3	R7110	A3	TP6001	D2	C26	B1	C305	E2	IC102	D2	R25	* B2	R204	E2	R804	D1	C125	D2	C311	* C4	C394	* C4	C809	* E5
C6111	A4	C7103	C4	D7012	D3	PH64	C1	R7005	C1	R7111	C2	TP6002	B2	C27	B1	C306	E2	IC103	D2	R26	* A1	R205	E2	R805	* D1	C126	* D2	C312	* C3	C395	* C3	C810	D5
C7003	C1	C7104	C4	D7014	D3	PH7001	C1	R7006	C2	R7113	B3	TP7001	A1	C28	* A1	C307	* E2	IC104	* C2	R27	* B2	R206	E2	R806	C1	C127	C1	C313	* B3	C396	* B4	C811	D5
C7004	C2	C7105	C3	D7015	C3	PH7002	B3	R7009	C1	R7114	B3	TP7002	D1	C29	* A1	C308	E2	IC201	E2	R28	* B1	R207	E2	R807	* C1	C128	* D1	C314	* C4	C397	* C4	C812	D5
C7005	G3	C7106	C3	D8001	G3	PH7003	B2	R7012	E1	R7115	B3	TP7003	G1	C30	* B1	C309	E2	IC301	E2	R29	* B1	R208	E2	R808	* C1	C129	* D1	C315	* C3	C398	* B4	C813	* E5
C7006	G3	C7107	D4	D8002	G3	PH7004	B2	R7013	E1	R7116	B3	TP7004	A4	C31	* A2	C310	E2	IC401	E3	R30	* B1	R209	E2	R809	* C1	C130	C1	C316	* B3	C404	A3	C814	E4
C7007	F3	C7108	C4	D8003	G1			R7014	E1	R7118	C2	TP7005	D4	C32	* B2	C401	E3	IC501	* C1	R31	* B1	R210	E1	R901	* D1	C131	* B1	C317	* B4	C405	A3	C815	* E5
C7008	C2	C7114	D1	D8004	G1	Q6001	A4	R7015	E1	R7119	C2	TP7006	G4	C33	* B2	C402	E3	IC502	C2	R32	C1	R211	E1	R902	* D1	C132	* B1	C318	* C3	C500	C2	C816	E4
C7009	E1	C7115	D1	D8005	G1	Q6002	A4	R7016	E1	R7120	C2			C34	* B1	C403	E3	IC901	* D1	R33	C1	R212	E1	R903	D1	C133	* D1	C319	* C4	C501	* C3	C817	E4
C7010	E1	C7116	G1	D8006	G1	Q7006	G3	R7017	G3	R7121	C2	X8001	G1	C35	* B2	C404	E3	IC902	* D1	R34	C1	R213	E2	R904	D1	C134	* C2	C320	* C3	C502	B2	C818	E4
C7011	E1	C7117	G1	D8007	G1	Q7007	G3	R7018	G3	R7122	C2			C36	B1	C405	E3			R35	A3	R301	E2	R905	D1	C135	* C2	C321	* C3	C503	* C3	C819	E4
C7012	E1	C7120	D4	D8009	G1	Q7008	F2	R7019	E1	R7124	B2			C37	B1	C406	E3	L1	* A3	R36	A3	R302	E2	R906	* D1	C136	* D1	C322	* C3	C504	C2	C820	* D4
C7013	E1	C7121	D4	D8010	G1	Q7009	D2	R7020	E1	R7125	B2			C38	B1	C407	* E3	L2	* B3	R37	A3	R303	E2	R907	* D1	C137	* D2	C323	* C4	C505	* C3	C821	* D4
C7014	E1	C7122	G4	D8011	G1	Q7010	F2	R7021	E1	R7126	B2			C39	B2	C408	E3	L3	B1	R38	A3	R304	E2	R908	D1	C138	* D1	C324	* B3	C506	B2	C822	* D4
C7015	E1	C7123	G4	D8012	G4	Q7011	D2	R7022	E1	R7127	B2			C40	B2	C409	E3	L101	E1	R39	A3	R305	E2	R909	D1	C139	* D2	C325	* B4	C507	B3	C823	* D4
C7016	E1	C7124	E4	D8013	G4	Q7012	B3	R7023	E1	R7128	B2			C41	B2	C410	E3	L102	* D2	R40	A3	R306	E2	R910	D1	C140	* D1	C326	* C4	C508	C3	C824	* D4
C7017	G3	C7125	D3	D8014	G4	Q7014	C2	R7024	C2	R7129	C2			C42	B2	C501	C1	L103	* D2	R41	A3	R307	E2			C141	B1	C327	* C4	C509	* B3	C825	* D4
C7018	G3	C7126	D3	D8015	G3	Q7016	A3	R7025	E1	R7130	B2			C43	C2	C502	* C1	L104	* D2	R42	A3	R308	E2	RB101	D2	C142	* D2	C328	* C4	C510	* C2	C826	* D4
C7019	C2	C7127	F4	D8016	G3	Q7017	A4	R7026	C2	R7131	B2			C44	C2	C503	* D1	L105	* D2	R43	A3	R309	E2	RB102	D2	C143	* D2	C329	* C3	C511	* B2	C827	* D4
C7020	E1	C7128	F4	D8017	G2	Q7018	F4	R7027	C2	R7132	B2			C45	A3	C504	* C1	L106	* C2	R44	A3	R310	E2	RB103	* D2	C144	C1	C330	* C3	C512	A2	C828	* D4

C907	* E2	D804	* C4	IC604	B3	Q800	* D5	R169	* D1	R416	* B3	R515	B3	R722	* B5	R843	D4	R937	* D2	VDA-64A, VDA-64B, VDA-64C 1-868-003-12 *: B SIDE	L2	A3	R132	C1	VIF-52 1-886-094-11 *: B SIDE	D5	* A1	D127	C2	R10	* A1
C908	* E2	E1	D3	IC606	D3	Q802	* D5	R171	* E1	R427	* C4	R516	A2	R723	* B5	R844	D4	R938	* E2		L101	B1	R133	E1		D31	* C2	D128	B2	R11	* C1
C909	E2	E2	B2	IC607	D3	Q803	* E5	R172	* D1	R429	C4	R517	A2	R725	* B5	R845	D4	R939	* E2		L102	B2	R134	E1		D32	* C2	D129	B2	R12	* C1
C910	E2	E3	* C2	IC701	B5	Q804	D4	R173	* D1	R430	B3	R518	A2	R726	* B5	R846	D4	R940	E4		L103	B1	R135	E1		D33	B2			R13	* C1
C911	* E2	E4	* B4	IC702	B5	Q805	D4	R174	* D2	R431	B3	R519	A2	R727	* B5	R847	E4	R941	* E1		L104	B2	R136	E1		D34	B2	E1	B1	R14	A1
C912	* E2	E5	A1	IC703	B5	Q806	D4	R175	* E1	R432	B4	R520	A2	R729	* B5	R848	E4				L105	D1	R137	E1		D35	B2			R15	B2
C913	E2	E6	A5	IC704	B5	Q807	* D4	R176	* B2	R433	B4	R521	B2	R730	* E3	R849	D4	R942	* C3		L106	D2	R138	E2		D36	B2	IC1	* A2	R16	A2
C914	* E2	E100	* D3	IC706	E4	Q808	* D4	R177	* B2	R434	B4	R522	A2	R731	* B5	R850	E4	RB200	C3		L107	D2	R139	E2		D37	* C2	IC2	A1	R19	* C1
C915	* E2	E101	* B5	IC713	* D4	Q809	* D4	R178	* B2	R435	B4	R523	A2	R737	* E3	R851	E4	RB400	* E4		L201	C3	R140	E2		D38	* C2	IC3	* C1	R22	* A1
C916	E1	E102	* E3	IC714	* D4	Q810	* D4	R179	* D3	R436	B4	R524	A3	R741	E3	R852	E4	RB401	* E5		L202	C3	R141	E2		D39	* C2	IC4	* A1	R23	* A1
C917	E2	E103	* D1	IC716	E3	Q811	* D4	R180	* D3	R437	B4	R525	A3	R742	E3	R853	C4	RB500	B3		L203	C3	R142	E1		D40	* C2	IC31	A2	R24	* A1
C918	E2	E104	* D5	IC717	D3	Q812	* D4	R200	* A2	R438	B3	R530	A3	R743	E3	R854	D4	RB501	B3		L204	C3	R143	E2		D41	* C2	IC32	B2	R25	* A1
C919	E1	E105	* B1	IC718	E3	Q813	* D5	R201	* B1	R439	B3	R531	* B3	R744	E3	R855	* D4	RB502	B2		L205	D3	R144	E2		D42	* C2	IC33	* C2	R26	* A1
C920	* E2			IC800	C4	Q814	* D5	R202	C3	R440	B4	R532	* B3	R745	B5	R856	* D4	RB503	B2				R145	E2		D43	B2	IC34	* C2	R27	* A1
C921	E1	FB100	* C1	IC801	D5	Q815	* C4	R203	* A2	R441	B4	R533	* B3	R746	B5	R857	* C4	RB504	C3		Q1	B2	R146	E2		D44	B2	IC35	B2	R31	* C2
C922	E1	FB101	* D2	IC802	E4			R204	* B1	R442	B3	R534	* B3	R747	E3	R858	* C4	RB505	C3		Q2	B3	R201	A2		D45	B2	IC36	* B2	R32	* C2
C923	E1	FB102	D1	IC803	* E5	R100	* B1	R205	* B1	R443	B4	R535	* B3	R748	* C4	R859	* C4	RB506	C2		Q3	A3	R202	A3		D46	B2	IC101	B2	R33	* C2
C924	E1	FB103	D1	IC805	C4	R101	* B1	R206	* A2	R444	B4	R536	* B3	R749	B5	R863	C5	RB507	C2		Q101	E2	R203	A2		D47	B1	IC103	* B1	R34	* C2
C925	E2	FB104	D1	IC806	D4	R102	* B1	R207	* A2	R445	B4	R537	D3	R750	B5	R864	C5	RB508	* B2		Q102	E2	R204	A3		D48	B2	IC104	* B1	R35	* C2
C926	E2	FB105	D1	IC807	C4	R103	* B1	R208	* A2	R446	B4	R538	D3	R751	E3	R865	C5	RB509	* B2		Q103	E2	R205	A2		D49	B1	IC105	* B1	R36	* C2
C927	E2	FB106	C2	IC808	D4	R104	C1	R209	* A2	R447	B4	R539	D3	R752	E3	R866	C5	RB510	* B3		Q201	E2	R206	A2		D50	B2	IC106	* B1	R37	* B2
C928	E1	FB107	C2	IC901	A1	R105	C1	R210	* A2	R448	B3	R540	D3	R753	E4	R867	* C4	RB511	* B3		Q202	E2	R207	C2		D51	B2	IC107	* A2	R38	B2
C929	E2	FB108	D2	IC902	* E2	R106	* C1	R211	* B1	R449	B3	R600	A3	R754	E3	R868	* D4	RB512	* C2		C101	C1	R208	C3		D52	B2	IC108	A2	R39	* B2
C930	B2	FB109	D2	IC903	B1	R107	* B1	R212	* B1	R450	B4	R601	A5	R755	* D4	R869	* D4	RB513	* C2		C102	B1	R209	C2		D53	B2	IC110	* C2	R40	B2
C931	E2	FB110	D3	IC904	B2	R108	D1	R213	* B1	R451	B4	R602	A5	R756	E4	R870	* D4	RB514	* C3		C103	D2	R210	C3		D54	B2			R41	* B2
		FB111	* D1	IC905	B2	R109	D1	R214	* B1	R452	A3	R603	A5	R757	E4	R871	* D4	RB515	* C3		C104	B2	R211	D2		D55	C2	JC101	* C2	R42	B2
CL100	* B1	FB112	D1	IC906	A2	R110	C1	R215	* B2	R453	A3	R604	D3	R758	E4	R872	* D4	RB516	A2		C105	B1	R212	D2		D56	C2	JC102	* C2	R43	* B2
CL101	* B1	FB113	D1	IC908	* E2	R111	C1	R216	* B2	R454	A3	R605	A5	R759	* D4	R873	* D4	RB517	B2		C106	D1	R213	D3		D57	C2	JC103	* C2	R44	B2
CL102	D1	FB114	D1			R112	C1	R217	* B2	R455	A3	R606	A3	R760	* D4	R874	* D4	RB518	B2		C107	B2	R214	D3		D58	C2	JC104	* C2	R45	* B2
CL103	C2	FB115	D2	JC900	E1	R113	C1	R218	* B2	R456	A3	R607	A3	R761	E3	R875	* D4	RB519	A2		C108	D2	R215	D2		D59	C2	JC105	* C2	R46	B2
CL104	B1	FB116	D1	JC901	E1	R114	C1	R219	* B2	R457	C4	R608	A4	R762	E4	R876	* D4	RB520	* B3		C109	D1	R216	D3		D60	C2	JC106	* C2	R47	* B2
CL105	D2	FB117	D1			R115	D1	R220	* A2	R458	C4	R609	A5	R763	E4	R877	* D4	RB521	B3		C110	D2	R217	D2		D61	C2			R48	B2
CL106	* D1	FB118	* B2	L100	D1	R116	C1	R221	* A2	R459	* C4	R610	A4	R764	E3	R878	* D5	RB522	B3		C111	E1	R218	D3		D62	C2	L1	* A2	R49	* B2
CL107	D1	FB119	* B2	L101	C2	R117	C1	R222	* A1	R460	* C4	R611	* C4	R765	E3	R879	* D5	RB523	* B3		C112	D1	R219	D2		D63	C2	L2	* A2	R50	B2
CL108	* B2	FB120	D1	L102	D1	R118	* B1	R223	* A1	R461	* C4	R612	* C4	R766	E4	R880	* D5	RB524	* B3		C113	C2	R220	D3		D64	C2	L3	* C1	R51	* B2
CL109	* D3	FB300	C3	L300	* B3	R119	* B1	R224	* A1	R462	* B4	R613	D3	R767	E3	R881	* D5	RB600	* C4		C114	C1	R221	E2		D65	C2	L4	* C1	R52	B2
CL500	B3	FB301	C3	L																											

R135 * B1
R136 * B1
R137 * B1
R138 * B1
R139 * B1
R140 * B1
R141 * B1
R142 * A2
R143 * A2
R144 * A2
R145 * A2
R146 * A2
R147 * A2
R148 * A2
R149 * A2
R150 * A2
R151 * A2
R152 * A2
R153 * A2
R154 * A2
R155 * A2
R156 * A2
R157 * A2
R158 * B1
R159 * B1
R160 * B1
R161 * B1
R162 * B1
R163 * B1
R164 * B1
R165 * A2
R166 * A2

RB31 * A2
RB32 * A2
RB33 * A2
RB34 * A2
RB35 * A2
RB36 * A2
RB37 A2
RB38 A2
RB39 A2
RB40 A2
RB41 * B2
RB42 * B2
RB43 * C2
RB44 B2
RB45 B2
RB46 * C2
RB47 * B2
RB48 * B2
RB49 * B2
RB50 * B2
RB51 * B2
RB52 B2
RB53 * B2
RB54 B2
RB55 * C2
RB56 * B2
RB57 * B2
RB58 * B2
RB62 B2
RB63 B2
RB64 B2
RB65 * B2
RB101 * C2
RB102 * C2
RB103 * C2
RB104 B2
RB105 * B2
RB106 B2
RB107 * B2
RB108 B2

THP1 * A2
THP2 * A2
THP3 * C1
THP4 * A2
THP5 * A2
THP6 A1

SAFETY CHECK-OUT

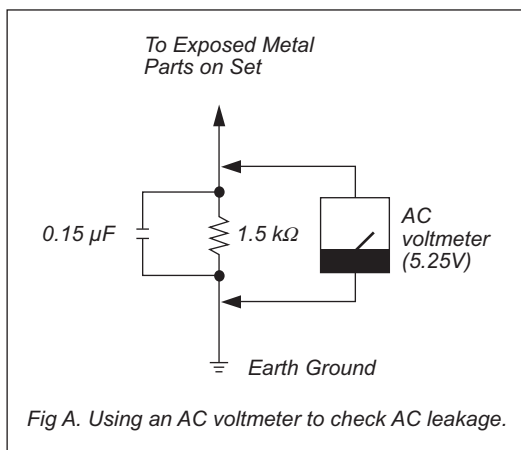
After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 3.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 5.25 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 20 V AC range are suitable. (See Fig. A)



HDCU2000 (UC)
HDCU2000 (J)
HDCU2000 (CE)
HDCU2000 (E3)
HDCU2000 (E2) J, E
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