

SONY®

DIGITAL MOTION PICTURE CAMERA

F65



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 angegeben 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.
F65 (with mechanical rotary shutter)	10001 and Higher
F65 (without mechanical rotary shutter)	50001 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。

: NETWORK

上記のポートについては本書の指示に従ってください。

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

: NETWORK

Follow the instructions for the above port(s).

Laser Diode Properties

Wavelength: 850 nm

Emission duration: Pulse Modulation

Laser output power: 4 mW/channel (max)

Standard: IEC60825-1 (20007)

CAUTION

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

CAUTION

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

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

This Digital Motion Picture Camera is classified as a CLASS 1 LASER PRODUCT.

注意

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

CAUTION

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

ATTENTION

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

VORSICHT

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

FÖRSIKTIGHET!

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

PAS PÅ

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

HUOMIO

Räjähdyksvaara, jos akku vaihdetaan virheellisesti. Vaihda vain samanlaiseen tai vastaavantyyppiseen, valmistajan suosittelemaan akkuun.
Noudata akun hävittämisesssä 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。

Table of Contents

Manual Structure

Purpose of this manual.....	5
Related manuals.....	5

1. Service Overview

1-1. Connectors and Cables.....	1-1
1-1-1. Connector Input/Output Signals.....	1-1
1-1-2. Wiring Diagrams for Cables.....	1-3
1-1-3. Connection Connectors/Cables.....	1-3
1-2. Location of Printed Circuit Boards.....	1-5
1-3. Functions of Onboard Parts.....	1-6
1-3-1. Description of Onboard LED Indicators.....	1-6
1-3-2. Functions of Onboard Switches.....	1-11
1-4. Notes on Board Replacing.....	1-17
1-4-1. EEPROM Data.....	1-17
1-4-2. Adjustment and Settings when Replacing SY-393 Board.....	1-17
1-5. Software Upgrade.....	1-18
1-5-1. Preparation.....	1-18
1-5-2. Upgrading the AT MAIN CPU.....	1-18
1-5-3. Upgrading the SY MAIN CPU.....	1-18
1-6. Writing and Rewriting the PLD Internal Data.....	1-20
1-6-1. Upgrading the DIF-205 Board/VDA-71 Board.....	1-20
1-6-2. Upgrading the TG-258 Board.....	1-21
1-6-3. Upgrading the AT-185 Board/SY-393 Board.....	1-22
1-7. Note on Replacement of Lithium Battery.....	1-23
1-8. Notes on Replacing Micro SD Card.....	1-24
1-9. Recommended Replacing Parts.....	1-25
1-10. Cleaning the Air Vent.....	1-26
1-10-1. Front Side.....	1-26
1-10-2. Bottom Side.....	1-26
1-10-3. Exhaust Vent (Outside Panel).....	1-27
1-11. Description of Number Seal on the Prism.....	1-28
1-12. Optional Fixtures.....	1-29
1-13. Circuit Protection Parts.....	1-30
1-13-1. Fuse.....	1-30
1-13-2. Circuit Protection Element.....	1-30
1-14. Circuit Description.....	1-32
1-14-1. AT-185 Board.....	1-32
1-14-2. BI-273 Board.....	1-32
1-14-3. CCM-66 Board.....	1-32
1-14-4. CN-3331 Board.....	1-33
1-14-5. CN-3335 Board.....	1-33
1-14-6. CN-3346 Board.....	1-33
1-14-7. DIF-205 Board.....	1-33
1-14-8. LP-125 Board.....	1-34
1-14-9. LP-126 Board.....	1-34
1-14-10. MB-1169 Board.....	1-34
1-14-11. NET-11 Board.....	1-34

1-14-12.	PRE-48 Board.....	1-34
1-14-13.	PS-811 Board.....	1-35
1-14-14.	RE-278 Board.....	1-35
1-14-15.	SIO-32 Board.....	1-35
1-14-16.	SW-1502 Board.....	1-35
1-14-17.	SW-1513 Board.....	1-35
1-14-18.	SW-1514 Board.....	1-36
1-14-19.	SY-393 Board.....	1-36
1-14-20.	TG-279 Board.....	1-36
1-14-21.	VDA-71 Board.....	1-37
1-15.	Lead-free Solder.....	1-38

2. Replacement of Main Parts

2-1.	General Information on Parts Replacement.....	2-1
2-1-1.	Mechanical Parts.....	2-1
2-1-2.	Mounted Circuit Boards.....	2-1
2-2.	Removing/Reinstalling the Side Panel.....	2-4
2-2-1.	Inside Panel.....	2-4
2-2-2.	Outside Panel.....	2-4
2-3.	Front Assembly.....	2-5
2-3-1.	Removing/Reinstalling the Front Assembly.....	2-5
2-3-2.	DU-560 Board.....	2-7
2-3-3.	TG-279 Board.....	2-8
2-3-4.	Replacing the ND Filter (Mechanical Shutter Assembly).....	2-9
2-3-5.	Vibration Proof Bushing (Mechanical Shutter Assembly).....	2-11
2-4.	Replacing Fans.....	2-13
2-4-1.	DC Fan (Sirocco).....	2-13
2-4-2.	DC Fan (40 Square).....	2-13
2-5.	Inside Panel.....	2-16
2-5-1.	SW-1513 Board.....	2-16
2-5-2.	SW-1502 Board.....	2-16
2-5-3.	SW-1514 Board.....	2-17
2-5-4.	VFD Assembly.....	2-18
2-6.	Rear Panel Assembly.....	2-19
2-6-1.	Removing/Reinstalling the Rear Panel Assembly.....	2-19
2-6-2.	CN-3330 Board.....	2-19
2-7.	Main Frame.....	2-21
2-7-1.	VDA-71 Board.....	2-21
2-7-2.	SY-393 Board.....	2-21
2-7-3.	AT-185 Board.....	2-22
2-7-4.	RE-278 Board.....	2-23
2-7-5.	CN-3331 Board.....	2-23
2-7-6.	CCM-66 Board.....	2-24
2-7-7.	CN-3346 Board.....	2-26
2-7-8.	CN-3335 Board.....	2-26
2-7-9.	NET-11 Board.....	2-27
2-7-10.	LP-125 Board.....	2-27
2-7-11.	LP-126 Board.....	2-28
2-7-12.	PS-811 Board.....	2-28
2-7-13.	PRE-48 Board.....	2-29
2-7-14.	DIF-205 Board.....	2-30

2-7-15.	SIO-32 Board.....	2-32
2-7-16.	CN-3336 Board.....	2-33
2-7-17.	MB-1169 Board.....	2-34
2-8.	Optical Connector (ARGO Cable).....	2-37
2-9.	Disconnecting/Connecting Coaxial Cables.....	2-39
2-9-1.	Coaxial Cable with Connector.....	2-39
2-9-2.	Coaxial Cable.....	2-40
2-10.	Routing Harnesses.....	2-41

3. Electrical Alignment

4. Service Menu

5. Spare Parts

5-1.	Note on Repair Parts.....	5-1
5-2.	Exploded Views.....	5-2
5-3.	Electrical Parts List.....	5-19
5-4.	Supplied Accessories.....	5-76

6. Block Diagrams

Overall.....	6-1
--------------	-----

7. Schematic Diagrams

AT-185.....	7-1
BI-273.....	7-9
CCM-66.....	7-14
CN-3330.....	7-16
CN-3331.....	7-16
CN-3335.....	7-16
CN-3336.....	7-16
CN-3346.....	7-17
DIF-205.....	7-18
DU-560.....	7-41
LP-125.....	7-41
LP-126.....	7-41
MB-1169.....	7-42
NET-11.....	7-44
PRE-48.....	7-45
PS-811.....	7-51
RE-278.....	7-53
SIO-32.....	7-56
SW-1502.....	7-57
SW-1513.....	7-58
SW-1514.....	7-59
SY-393.....	7-60

TG-279.....	7-70
VDA-71.....	7-74
Frame Wiring.....	7-85

8. Board Layouts

AT-185.....	8-1
BI-273.....	8-2
CCM-66.....	8-3
CN-3330.....	8-4
CN-3331.....	8-4
CN-3335.....	8-4
CN-3336.....	8-4
CN-3346.....	8-4
DIF-205.....	8-5
DU-560.....	8-6
LP-125.....	8-6
LP-126.....	8-6
MB-1169.....	8-7
NET-11.....	8-8
PRE-48.....	8-8
PS-811.....	8-9
RE-278.....	8-10
SIO-32.....	8-10
SW-1502.....	8-11
SW-1513.....	8-11
SW-1514.....	8-12
SY-393.....	8-12
TG-279.....	8-13
VDA-71.....	8-14
Board Parts Location.....	8-15

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

Section 1

Service Overview

1-1. Connectors and Cables

1-1-1. Connector Input/Output Signals

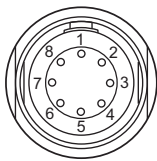
Input Signals

1. GENLOCK IN

BNC type, 75 Ω , SMPTE 274M HD tri-level sync, 0.6 Vp-p

2. DC IN

8-pin, Male



- External View -

No.	Signal	I/O	Specifications
1	UNREG GND	—	GND for +12 V
2	UNREG GND	—	GND for +12 V
3	UNREG GND (24 V)	—	GND for +24 V
4	UNREG 24 V IN	IN	+20 to +30 V
5	UNREG 12 V IN	IN	+10.5 to +17 V
6	UNREG 12 V IN	IN	+10.5 to +17 V
7	UNREG 12 V IN	IN	+10.5 to +17 V
8	UNREG GND	—	GND for +12 V

Output Signals

3. HD-Y OUT

BNC type, HD-Y signal, 75 Ω , 1.0 Vp-p

4. SDI OUT1

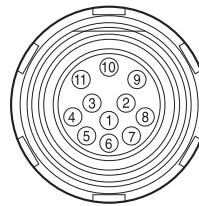
BNC type, HD SDI signal, BTA-S004A compliant, 75 Ω , 0.8 Vp-p, 1.485 Gbps

5. SDI OUT2

BNC type, HD SDI signal, BTA-S004A compliant, 75 Ω , 0.8 Vp-p, 1.485 Gbps

6. DC OUT 12V 4A

11-pin, Female



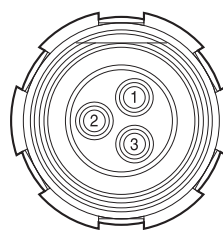
- External View -

No.	Signal	I/O	Specifications
1	NC	—	No connection
2	NC	—	No connection
3	NC	—	No connection
4	NC	—	No connection
5	NC	—	No connection
6	NC	—	No connection
7	NC	—	No connection
8	NC	—	No connection
9	UNREG GND	—	—
10	NC	—	No connection
11	NC UNREG 12 V OUT	OUT	+10.5 to +17 V dc, 5.0 A (MAX)

Input/Output Signals

7. DC OUT 24V 4A

3-pin, Female

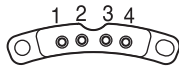


- External View -

No.	Signal	I/O	Specifications
1	UNREG GND (24 V)	—	—
2	UNREG 24 V OUT	OUT	+20 to +30 V dc, 5.0 A (MAX)
3	REC trigger	IN	OPEN or +5 V : Normal GND : Active

8. Lens-mount hot shue

4-pin

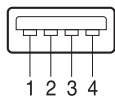


- External View -

No.	Signal	I/O	Specifications
1	RX	IN	SERIAL DATA in
2	TX	OUT	SERIAL DATA out
3	GND	—	GND for +24 V
4	+24 V	OUT	+24 V, 200 mA (MAX)

9. USB 1, 2

4-pin

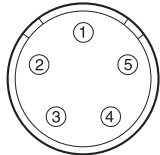


- External View -

No.	Signal	I/O	Specifications
1	VBUS	OUT	5 V dc, 500 mA (max)
2	D-	IN/OUT	—
3	D+	IN/OUT	—
4	GND	—	—

10. EXT I/O

5-pin, Female



- External View -

No.	Signal	I/O	Specifications
1	EXT CMD1 OUT	OUT	RS-232C
2	EXT CMD0 OUT	OUT	—
3	EXT CMD1 IN	IN	—
4	EXT CMD0 IN	IN	—
5	GND	—	—

11. REMOTE

8-pin, Female

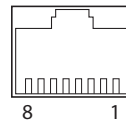


- External View -

No.	Signal	I/O	Specifications
1	TX (+)	OUT	SERIAL Data out
2	TX (-)	OUT	
3	RX (+)	IN	SERIAL Data in
4	RX (-)	IN	
5	TX-GND	—	GND for TX
6	UNREG	OUT	+10.5 to +17 V dc, 200mA (max)
7	UNREG-GND	—	GND for UNREG
8	VIDEO	OUT	75 Ω, 1.0 Vp-p

12. LAN

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

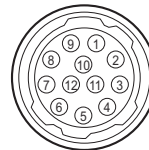


- External View -

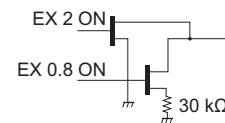
No.	Signal	I/O	Specifications
1	TXD (+)	OUT	—
2	TXD (-)	OUT	—
3	RXD (+)	IN	—
4	NC	—	No connection
5	NC	—	No connection
6	RXD (-)	IN	—
7	NC	—	No connection
8	NC	—	No connection

13. LENS

12-pin, Female



- External View -



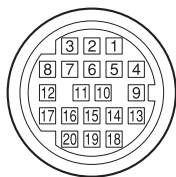
No.	Signal	I/O	Specifications
1	RET VIDEO ENA-BLE	IN	ENABLE : 0 V DISABLE : +5 V or OPEN
2	VTR START/STOP	IN	ENABLE : 0 V DISABLE : +5 V or OPEN
3	GND	—	GND for UNREG
4	SERVO AT/MAN	OUT	AUTO : +5 V MANU : 0 V or OPEN

Continued

No.	Signal	I/O	Specifications
5	IRIS CONT	OUT	+3.4 V (F16) to +6.2 V (F2.8)
6	UNREG	OUT	+10.5 V to +17 V, 500 mA (MAX)
7	IRIS POSITION	IN	+3.4 V (F16) to +6.2 V (F2.8)
8	IRIS AT/MAN	OUT	AUTO IRIS : 0 V MANUAL IRIS : +5 V
9	EXTENDER ON/OFF	IN	EX 2 ON : GND EX 0.8 ON : GND at 30 k Ω OFF : OPEN
10	ZOOM POSITION	IN	WIDE : 2 V TELE : 7 V
11	NC	—	No connection
12	NC	—	No connection

14. VF

20-pin, Female



- External View -

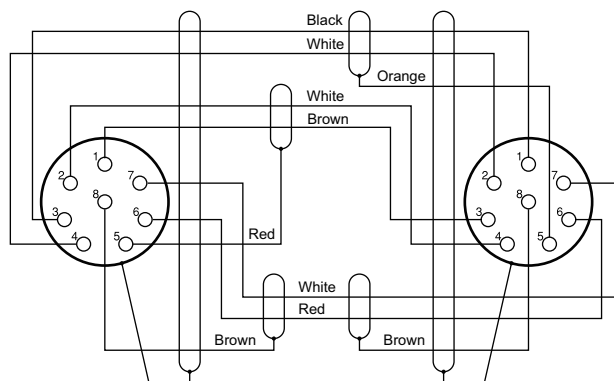
No.	Signal	I/O	Specifications
1	S-DATA	IN/OUT	TTL level
2	NC	—	No connection
3	NC	—	No connection
4	SCK	OUT	TTL level
5	NC	—	No connection
6	NC	—	No connection
7	NC	—	No connection
8	G TALLY	OUT	ON : 5 V OFF : GND
9	NC	—	No connection
10	NC	—	No connection
11	NC	—	No connection
12	Y VIDEO	OUT	1.0 V _{p-p} , Z ₀ =75 Ω
13	VIDEO GND	—	GND for VIDEO
14	Pb VIDEO	OUT	± 0.35 V _{p-p} , Z ₀ =75 Ω
15	Pr VIDEO	OUT	± 0.35 V _{p-p} , Z ₀ =75 Ω
16	NC	—	No connection
17	R TALLY	OUT	ON : 5 V OFF : GND
18	NC	—	No connection
19	UNREG GND	—	GND for UNREG

Continued

No.	Signal	I/O	Specifications
20	UNREG	OUT	+10.5 V to +17 V

1-1-2. Wiring Diagrams for Cables

CCA-5 Cable (for REMOTE connector)



— 8P CONNECTOR (MALE) —
(WIRING SIDE)

1-1-3. Connection Connectors/Cables

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

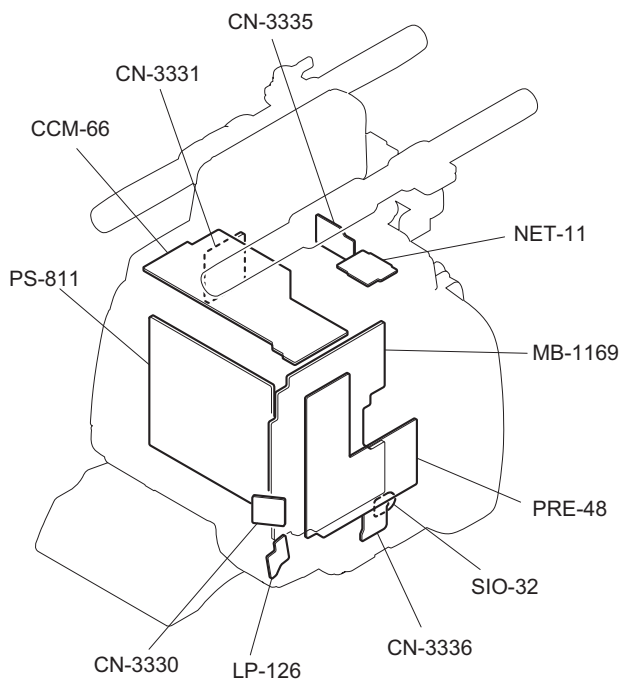
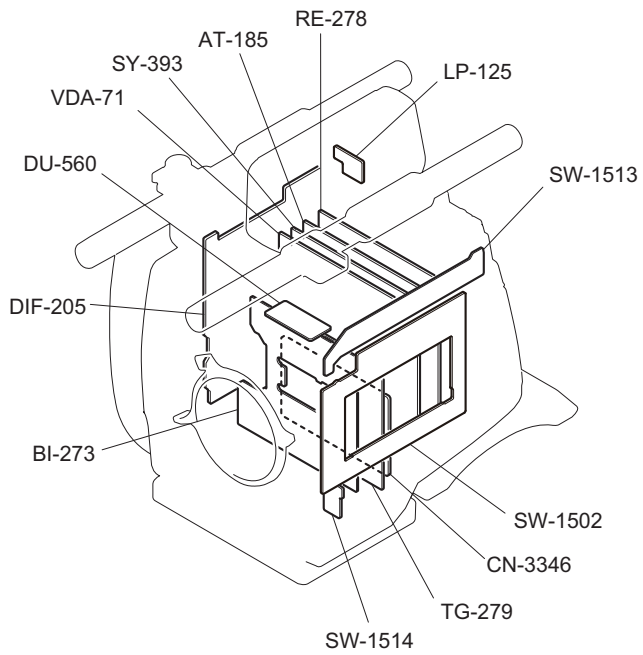
Connector Name	Connector/Cable
GENLOCK IN (BNC)	1-569-370-12 Plug, BNC
HD-Y OUT (BNC)	
SDI OUT1 (BNC)	
SDI OUT2 (BNC)	
SHUTTER (BNC)	
DC OUT 24V 4A (3P FEMALE)	FISCHER S102A052-130 or equivalent
EXT I/O (5P FE-MALE)	LEMO FGC, 1B, 305, CLADXX ^{*1}
DC IN (8P MALE)	1-821-089-11 or LEMO FGJ, 3B, 308, CYMD82
LAN (8P FE-MALE)	LAN cable (commercially available, shield type, category 5 or higher)
REMOTE (8P FE-MALE)	1-766-848-11 PLUG, 8P Male or CCA Cable assembly(optional) CCA-5-10 (10 m), CCA-5-3 (3 m)
DC OUT 12V 4A (11P FEMALE)	FISCHER S104A056-130 or equivalent

Continued

*1: XX indicates the cable diameter.

Connector Name	Connector/Cable
LENS (12P FE-MALE)	1-564-360-11: Connector 12P, Male or HIR- OSE HR10-10PA-12P equivalent
VF (20P FEMALE)	Connect the cable of the optional viewfinder (DXF series)

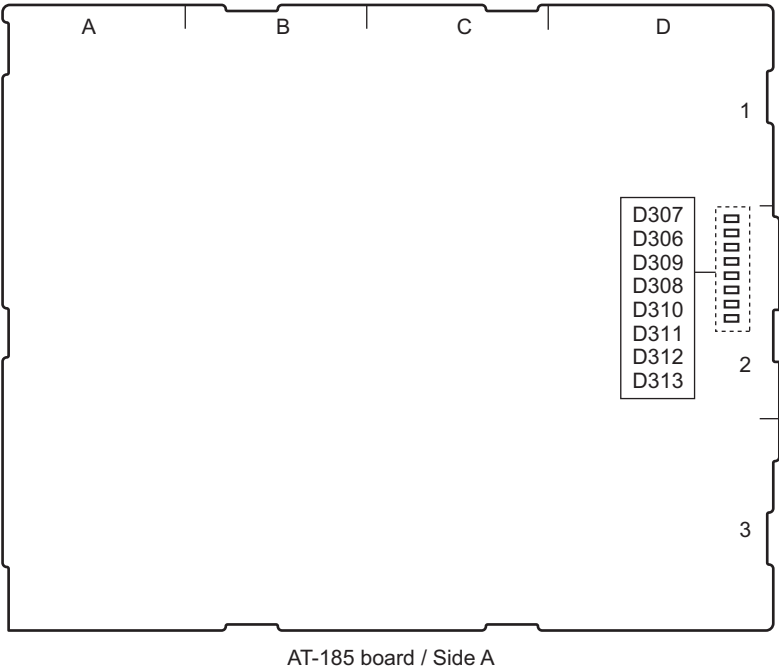
1-2. Location of Printed Circuit Boards



1-3. Functions of Onboard Parts

1-3-1. Description of Onboard LED Indicators

AT-185 Board

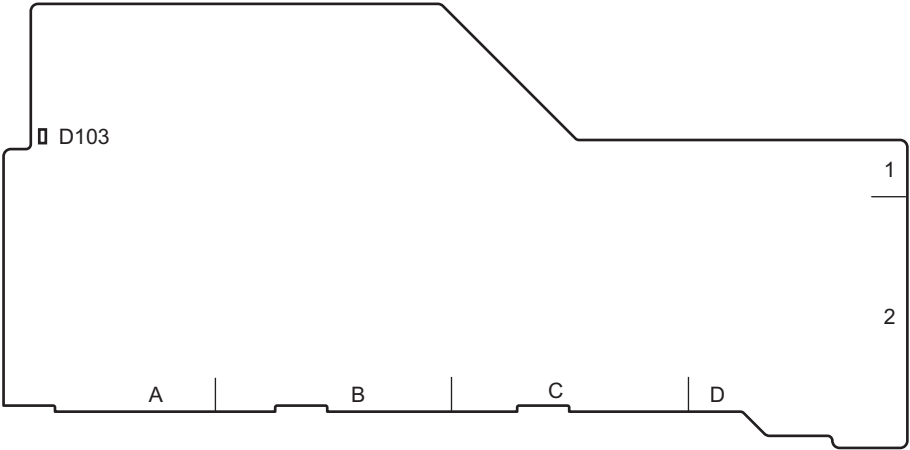


Note

Do not change the settings of unused switches.

Ref.No.	Name	Color	Description	Normal state
D306	ERROR1	Red	Not used	Always off
D307	ERROR2	Red	Not used	Always off
D308	WARNING1	Green	Not used	Always off
D309	WARNING2	Green	Not used	Always off
D310	SHUTTER	Blue	Indicates software operating status.	Blinking
D311	CIS	Blue	Indicates software operating status.	Blinking
D312	SYSTEM	Blue	Indicates software operating status.	Blinking
D313	SOFTWARE	Blue	Indicates software operating status.	Blinking

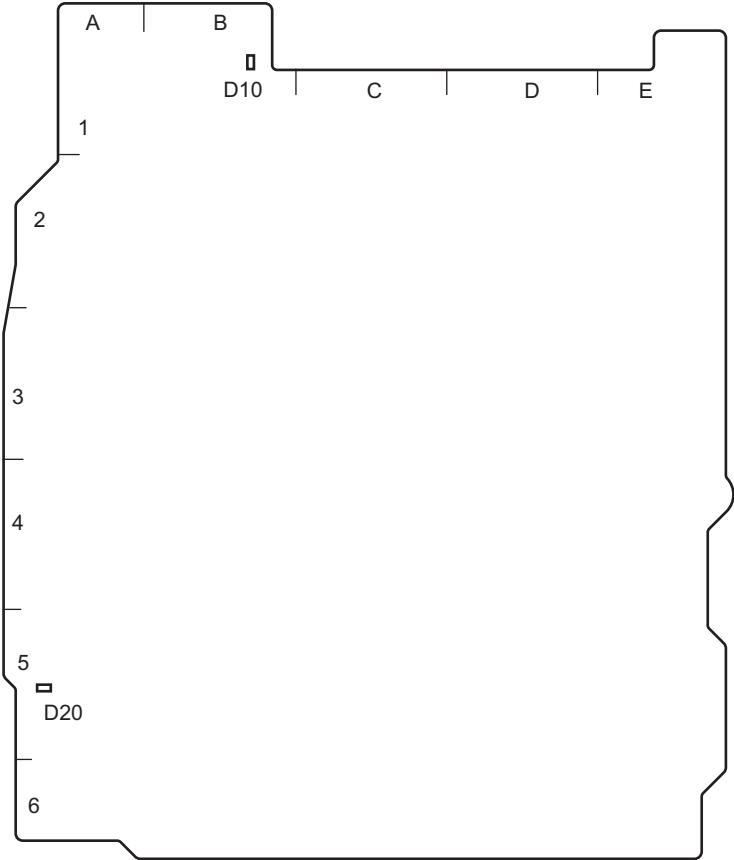
CCM-66 Board



CCM-66 board / Side A

Ref.No.	Name	Color	Description	Normal state
D103	MS/SD Access Lamp	Red	Lit when MS/SD is accessed.	Off

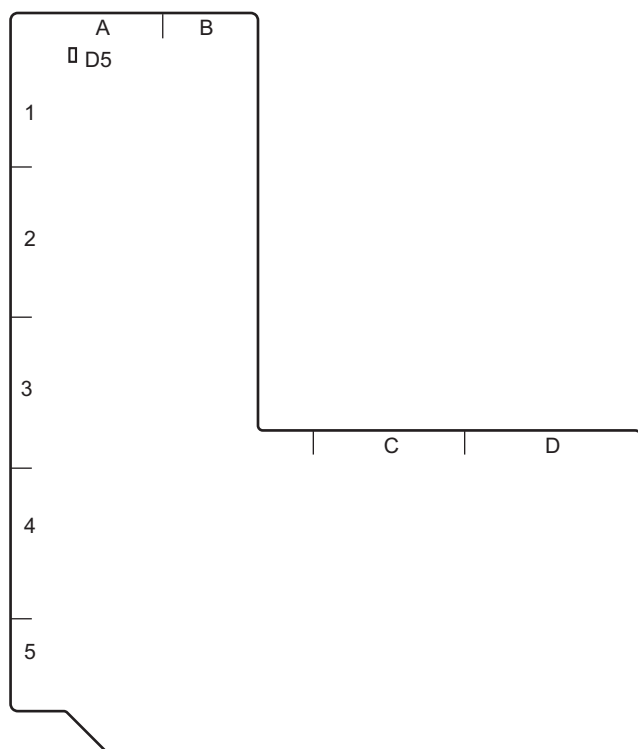
DIF-205 Board



DIF-205 board / Side A

Ref.No.	Name	Color	Description	Normal state
D10	CRC	Red	Indicates Optical Rx Module (CN6) reception error.	Off
D20	CONF ERR	Red	Indicates IC1 configuration status.	Goes out at the end of configuration.

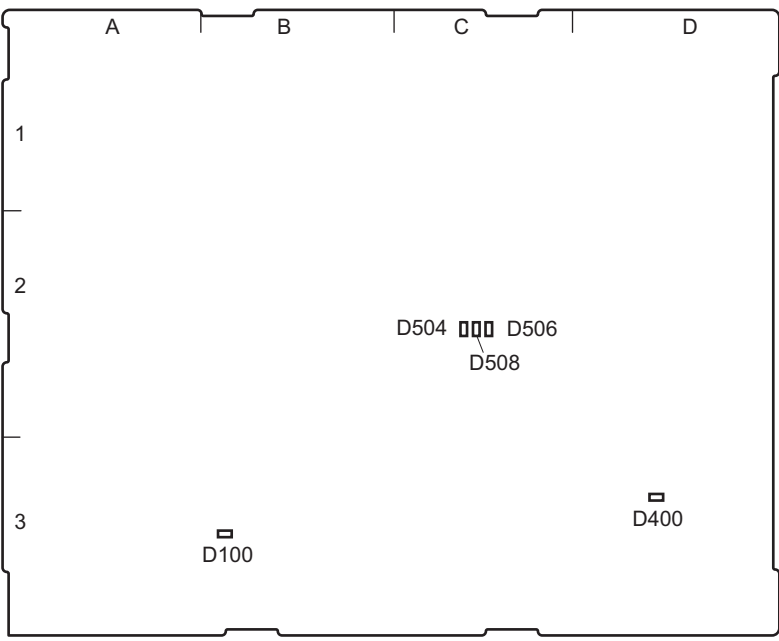
PRE-48 Board



PRE-48 board / Side A

Ref.No.	Name	Color	Description	Normal state
D5	POW	Red	Indicates power alarm.	Off

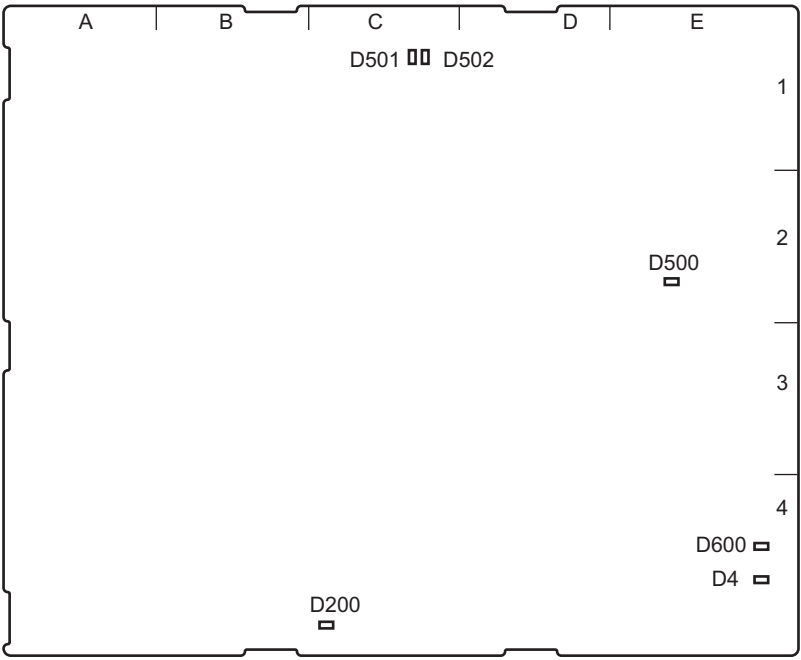
SY-393 Board



SY-393 board / Side A

Ref.No.	Name	Color	Description	Normal state
D100	POW	Red	Indicates power alarm.	Off
D400	LAN LINK &ACT	Yellow	Indicates LAN LINK and ACT status.	Lit while LAN is in use and blinks during communication.
D504	Software status 1	Red	Indicates software operating status.	Off
D506	Software status 2	Blue	Indicates software operating status.	Off
D508	Software status 3	Yellow	Indicates software operating status.	Off

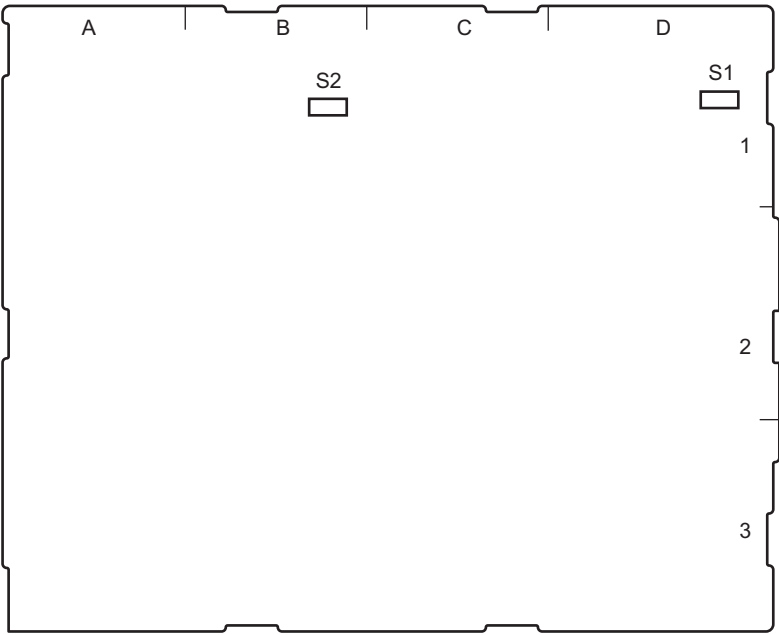
VDA-71 Board



Ref.No.	Name	Color	Description	Normal state
D4	POW_NG	Red	Indicates power alarm.	Off
D200	ALMA	Green	Indicates completion of IC200 initialization.	Lit
D500	SDI LOCKED	Green	Indicates SDI lock status.	Lit
D501	LED1	Green	Checks IC400 circuit.	Lit
D502	LED2	Red	Checks IC400 circuit.	Lit
D600	SPA	Green	Indicates IC400 configuration status.	Goes out at the end of configuration.

1-3-2. Functions of Onboard Switches

AT-185 Board



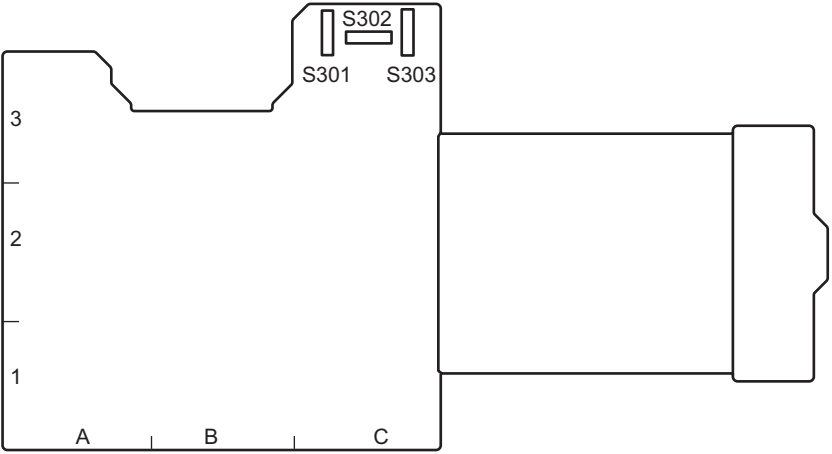
AT-185 board / Side A

Note

Do not change the settings of unused switches.

Ref.No.	Name	Bit	Description	Factory setting
S1	SW1	1	Not used	OFF
		2	Sleep mode	OFF
		3	Not used	OFF
		4	Clears AT-185 board settings.	OFF
S2	SW2	1	Debug mode	OFF
		2 to 4	Not used	ALL OFF

BI-273 Board



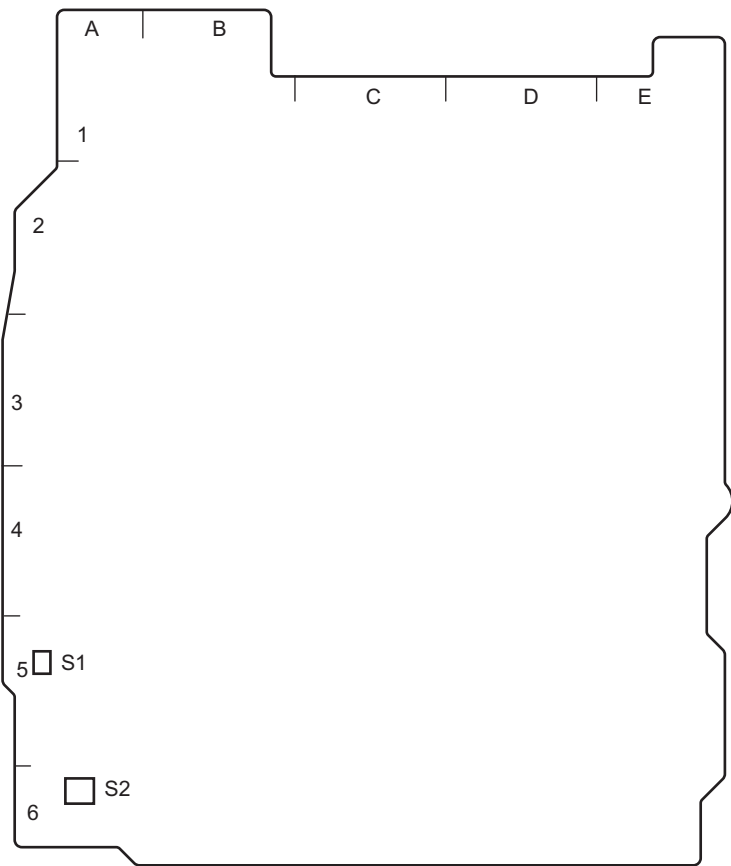
BI-273 board / Side B

Note

Do not change the settings of unused switches.

Ref.No.	Name	Bit	Description	Factory setting
S301	—	1 to 8	Not used	ALL ON
S302	—	1 to 8	Not used	ALL ON
S303	—	1	Not used	OFF
		2 to 5	Not used	ALL ON
		6	Not used	OFF
		7 to 8	Not used	ALL ON

DIF-205 Board



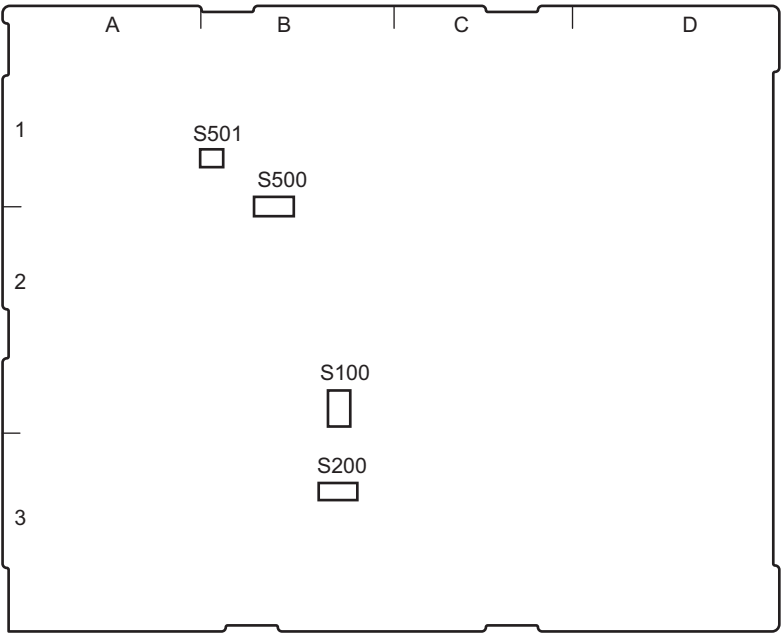
DIF-205 board / Side A

Note

Do not change the settings of unused switches.

Ref.No.	Name	Bit	Description	Factory setting
S1	SW1	1	Not used (Fixed to OFF)	OFF
	SW2	2	Not used (Fixed to OFF)	OFF
S2	PUSH-SW1	—	Not used (Fixed to OFF)	OFF

SY-393 Board



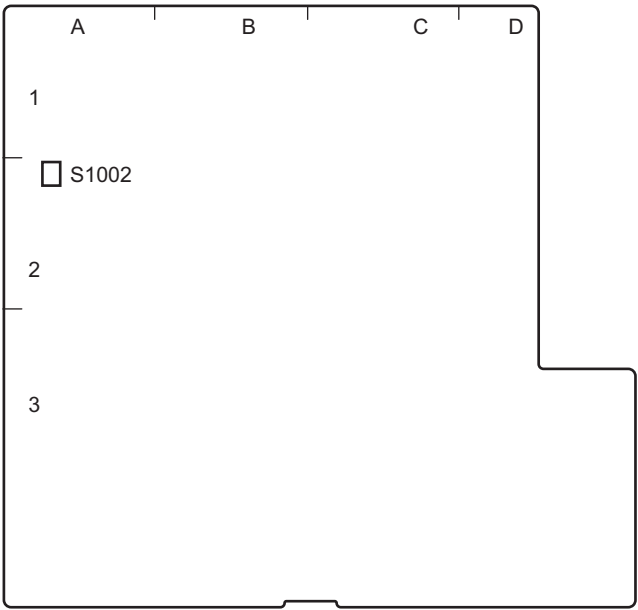
SY-393 board / Side A

Note

Do not change the settings of unused switches.

Ref.No.	Name	Bit	Description	Factory setting
S100	System Reset	—	Software reset	—
S200	Boot Mode	1	Not used (Fixed to OFF)	OFF
	Boot Select	2	Not used (Fixed to OFF)	OFF
	Boot SEL	3	Not used (Fixed to OFF)	OFF
	MS Power	4	Not used (Fixed to ON)	ON
S500	Reserved	1	Not used (Fixed to OFF)	OFF
	Reserved	2	Not used (Fixed to OFF)	OFF
	Reserved	3	Not used (Fixed to OFF)	OFF
	Reserved	4	Not used (Fixed to OFF)	OFF
S501	COM	1	Not used (Fixed to OFF)	OFF
	RS232C	2	Not used (Fixed to OFF)	OFF

TG-279 Board



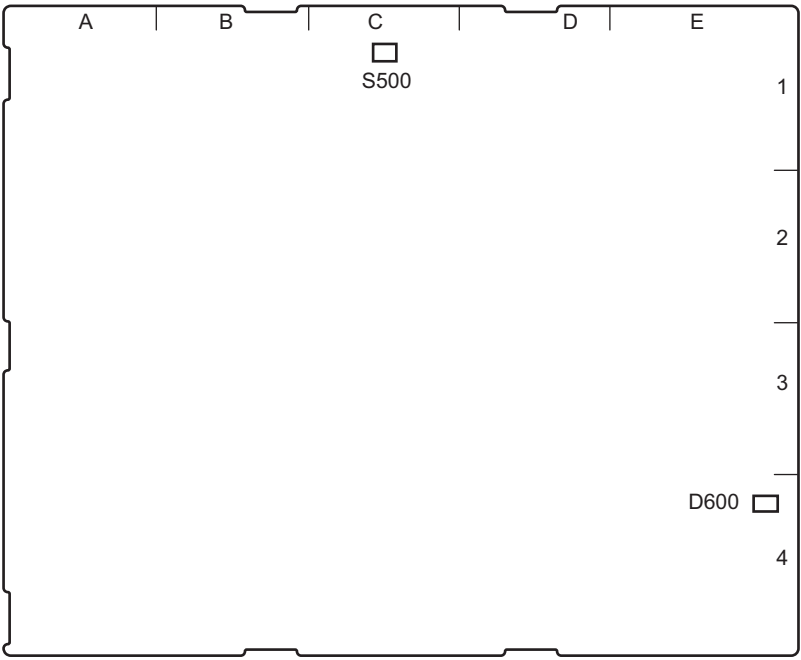
TG-279 board / Side A

Note

Do not change the settings of unused switches.

Ref.No.	Name	Bit	Description	Factory setting
S1002	—	1	ON: Writing from MS OFF: Writing from jig	ON
	—	2	Not used	OFF

VDA-71 Board



VDA-71 board / Side A

Note

Do not change the settings of unused switches.

Ref.No.	Name	Bit	Description	Factory setting
S500	SW1	1	Not used (Fixed to OFF)	OFF
	SW2	2	Not used (Fixed to OFF)	OFF
S600	JTAG CONF1	1	Selection of the JTAG CONF (Fixed to ON)	ON
	JTAG CONF2	2	Selection of the JTAG CONF (Fixed to OFF)	OFF

1-4. Notes on Board Replacing

1-4-1. EEPROM Data

The table below lists data retained in the EEPROM (FRAM) on respective boards.

Notes

- When replacement of a board is needed, PLD data must be updated in some cases. For details, contact your local Sony Sales Office/Service Center.
- Do not replace the EEPROM ICs listed in the table because they retain board-specific data. For details, contact your local Sony Sales Office/Service Center.

Board	Ref No.	Stored data
DIF-205	IC21, IC67	DIF board adjustment data
VDA-71	IC7	VDA board adjustment data

1-4-2. Adjustment and Settings when Replacing SY-393 Board

Camera settings and various files are stored on the SY-393 board. When the SY-393 board is replaced, various settings are lost. Execute All File Preset in File → File Preset and Network Setting in Network → Network Reset of VF MENU. For how to replace the SY-393 board, contact your local Sony Sales Office/Service Center.

1-5. Software Upgrade

The ROM (IC107 and IC108 on the AT-185 board and IC304 on the SY-393 board) version can be upgraded using the Memory Stick or SD Memory Card.

For upgrading the software, follow the procedure shown below.

Note

Do not open the external cabinet when updating the version.

1-5-1. Preparation

When using the Memory Stick

Create “/MSSONY/PRO/CAMERA/F65” folder in the Memory Stick, and store the following files in the F65 folder.

ROM data for the MAIN CPU

- f65atmain.rom.kii
- f65symain.tar.kii

For getting the MAIN CPU ROM data, contact your local Sony Sales Office/Service Center.

When using the SD Memory Card

Create “/PRIVATE/SONY/PRO/CAMERA/F65” folder in the SD Memory Card, and store the following files in the F65 folder.

ROM data for the MAIN CPU

- f65atmain.rom.kii
- f65symain.tar.kii

For getting the MAIN CPU ROM data, contact your local Sony Sales Office/Service Center.

1-5-2. Upgrading the AT MAIN CPU

1. Insert the prepared Memory Stick or SD Memory Card into the camera.
2. Press the VF MENU button of this unit.
The VF menu appears.
3. Select the [Update] button on the DIAGNOSIS <ROM Version> page and press the MENU SEL/ENTER dial.
The media select screen opens.
4. Select M.S./SD and press the MENU SEL/ENTER dial.
The list of Update file appears.
5. Select “f65atmain.rom.kii” and press the MENU SEL/ENTER dial.
A screen for comparison between the current version and the new version.
6. Select the [Execute] button and press the MENU SEL/ENTER dial to start update.
The VF menu is displayed and the ongoing screen is displayed on the sub display.
7. The completion screen opens. When the Update file list screen reopens, press the [BACK] button.
The Reboot dialogue appears.
8. Turn off and on the power.
9. On the DIAGNOSIS <ROM VERSION> page of the VF menu, confirm that the AT MAIN CPU version is correct.

1-5-3. Upgrading the SY MAIN CPU

1. Insert the prepared Memory Stick or SD Memory Card into the camera.
2. Press the VF MENU button of this unit.
The VF menu appears.

3. Select the [Update] button on the DIAGNOSIS <ROM Version> page and press the MENU SEL/ENTER dial.
The media select screen opens.
4. Select M.S./SD and press the MENU SEL/ENTER dial.
The list of Update file appears.
5. Select “f65symain.tar.kii” and press the MENU SEL/ENTER dial.
A screen for comparison between the current version and the new version.
6. Select the [Execute] button and press the MENU SEL/ENTER dial to start update.
The VF menu is displayed and the ongoing screen is displayed on the sub display.
7. When "Please reboot camera to update" appears in the VF menu, turn off and on the power.
8. When "Remove MS" appears in Status of the menu displayed on the sub display, remove the Memory Stick or SD memory card.
9. When "Completed" appears in Status of the menu displayed on the sub display, turn off and on the power.
10. On the DIAGNOSIS <ROM VERSION> page of the VF menu, confirm that the AT MAIN CPU version is correct.
11. Execute All File Preset in File → File Preset and Network Setting in Network → Network Reset of VF MENU.

1-6. Writing and Rewriting the PLD Internal Data

The PLD (Programmable Logic Device) mounted in this unit can be upgraded.

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

- Do not open the external cabinet when updating the version.
- The part number of PLD (or ROM for PLD) in which data is not written yet, is shown in “5. 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.

Board	PLD (Ref No.)
AT-185	IC300, IC310
DIF-205	IC1, IC100
SY-393	IC500, IC524
TG-279	IC6, IC12
VDA-71	IC400, IC600

1-6-1. Upgrading the DIF-205 Board/VDA-71 Board

The PLD version can be upgraded using the Memory Stick or SD Memory Card.

Corresponding PLD

Board	PLD (Ref No.)	File name
DIF-205	IC1, IC100, IC90 ^{*1}	dif_fpga.bin.kii
VDA-71	IC400, IC600, IC611 ^{*2}	vda_fpga.bin.kii

Preparation

ROM data for the MAIN CPU

Create “/MSSONY/PRO/CAMERA/F65” folder in the Memory Stick, and store the following files in the F65 folder.

- dif_fpga.bin.kii
- vda_fpga.bin.kii

When using the SD Memory Card

Create “/PRIVATE/SONY/PRO/CAMERA/F65” folder in the SD Memory Card, and store the following files in the F65 folder.

- dif_fpga.bin.kii
- vda_fpga.bin.kii

Procedure

1. Insert the prepared Memory Stick or SD Memory Card into the camera.
2. Press the VF MENU button of this unit.
The VF menu appears.

*1: IC100 is a PLD for configuration of IC1. IC90 is a ROM for IC1.

*2: IC600 is a PLD for configuration of IC400. IC611 is a ROM for IC400.

3. Select the [Update] button on the DIAGNOSIS <ROM Version> page and press the MENU SEL/ENTER dial.
The media select screen opens.
4. Select M.S./SD and press the MENU SEL/ENTER dial.
The list of Update file appears.
5. Select “dif_fpga.bin.kii” or “vda_fpga.bin.kii” and press the MENU SEL/ENTER dial.
A screen for comparison between the current version and the new version.
6. Select the [Execute] button and press the MENU SEL/ENTER dial to start update.
The VF menu is displayed and the ongoing screen is displayed on the sub display.
7. The completion screen opens. When the Update file list screen reopens, press the [BACK] button.
The Reboot dialogue appears.
8. Turn off and on the power.
9. On the DIAGNOSIS <ROM VERSION> page of the VF menu, confirm that the AT MAIN CPU version is correct.

1-6-2. Upgrading the TG-258 Board

TG-258 board has a programmable logic device (PLD) whose writing/rewriting method conforms to the e-Production (EPR) system.

If the parts listed below needs to be replaced or if PLD needs to be upgraded, contact your local Sony Sales Office/ Service Center.

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 PLD

Board	PLD (Ref No.)	File name
TG-279	IC6, IC12 ^{*1}	E_000_005_22_XX ^{*2}

Equipment required

- PLD download tool
Sony Part No.: J-7120-220-A
- Cable connecting between PC and this unit (10 pins)
Sony Part No.: J-7120-230-A
- PC
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.

*1: IC12 is a ROM for IC6

*2: The suffix of the file name changes when the version is upgraded.

2. Make sure that the unit is turned off, and then connect the PC's parallel port to the EPR connector on the board with the PLD download tool (cable).
3. Turn on the power of the unit.
Run the PLD Download Tool software and read the Project file.
4. Program the PLD (or ROM for PLD) using the PLD Download Tool software.
5. When the programming has been successfully completed (without error message), turn off and on the power of the unit.
6. Check that the PLD version is correct in DIAGNOSIS (PLD VERSION) page of the VF menu.

1-6-3. Upgrading the AT-185 Board/SY-393 Board

If the part listed below needs to be replaced or to be upgraded, contact your local Sony Sales Office/Service Center.

Board	PLD (Ref No.)	File name
AT-185	IC300 , IC310 ^{*1}	AT_PLD_xxx.mcs
SY-393	IC500 , IC524 ^{*2}	SY_PLD_xxx.mcs

*1: IC310 is a ROM for IC 300

*2: IC524 is a ROM for IC500

1-7. Note on Replacement of Lithium Battery

A lithium battery is mounted on the SY-393 board to back up Real Time Clock (RTC). If a battery comes to the lifetime, then RTC stops. Therefore the battery replacement is required.

SY-393 board/CR2032 : Sony part No. (1-528-174-72)

CAUTION

In replacing, ensure that the battery is installed with “+” and “—” poles connected to the correct terminals. An improper connection may cause an explosion or leakage of fluid.

1-8. Notes on Replacing Micro SD Card

An Micro SD card is mounted on the SY-393 board. This Micro SD card contains the internal information of the SY MAIN CPU software. If the Micro SD card is broken, it can no longer store the internal information of the software. When the Micro SD card is broken, replace it.

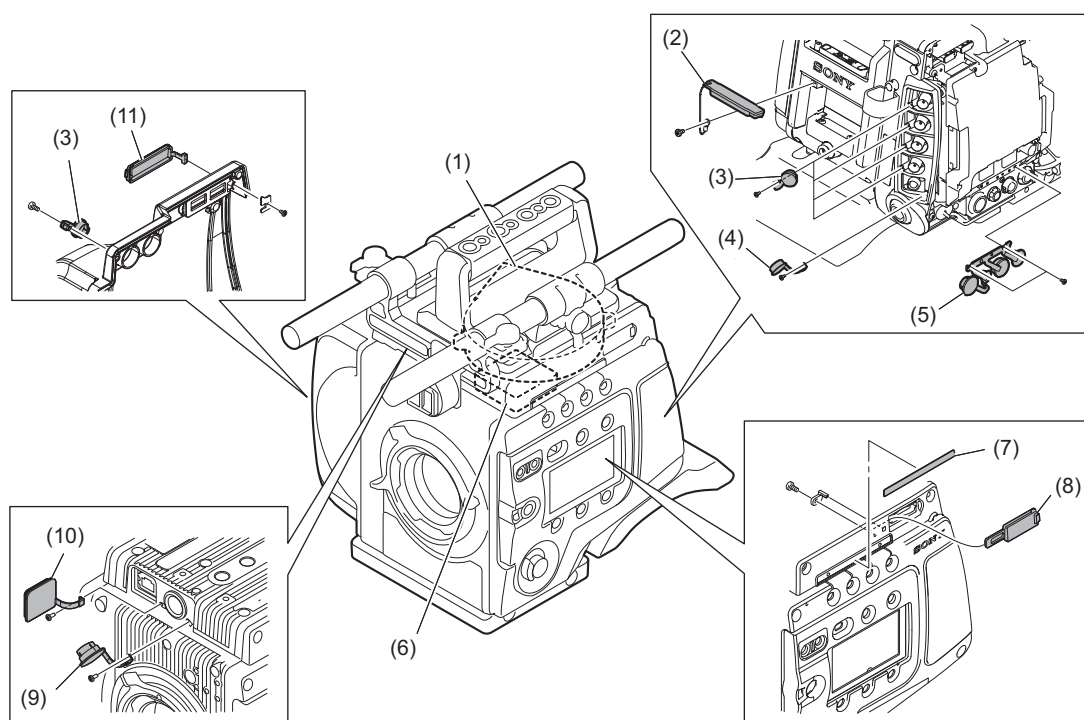
SY-393 board/NEX-U212: Sony part number (A-1796-805-A)

1-9. Recommended Replacing Parts

Following parts are recommended replacing parts.

Following parts are recommended replacing parts. The parts made of rubber used for this camera may become cracked and split with the lapse of time, therefore also replace it if necessary.

No.	Description	Sony Part No.
(1)	DC fan (Sirocco) ^{*1}	1-855-166-11
(2)	Multi connector cap	4-415-146-02
(3)	BNC cap	3-872-935-01
(4)	Remote cap (CN)	3-196-969-01
(5)	Outside CN cover (Lower)	4-413-444-01
(6)	DC fan (40 square) ^{*2}	1-787-929-11
(7)	Assign sheet	4-413-412-01
(8)	MS cover	4-413-395-01
(9)	VF cap	3-113-815-01
(10)	Ether cap	4-413-418-01
(11)	USB cover	4-413-445-01



*1: For removing/Installing the DC fan (sirocco), refer to "2-4-1. DC Fan (Sirocco)".

*2: For removing/Installing the DC fan (40 square), refer to "2-4-2. DC Fan (40 Square)".

1-10. Cleaning the Air Vent

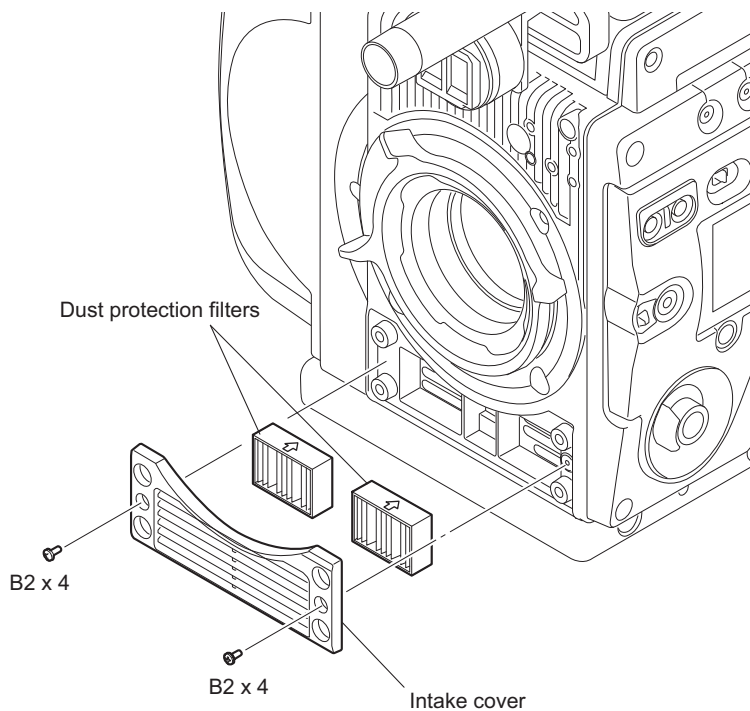
Dustproof filters are attached to the air vent of the fan. If the filters are clogged with dust, camera internal temperature rises, which may cause a failure. Clean the air vent regularly once about six months.

Note

Be sure to turn off the power before repairing or replacing parts.

1-10-1. Front Side

1. Remove the two screws, and remove the intake cover.
2. Remove the two dust protection filters.
3. Remove dust from the dustproof filters with a vacuum cleaner or the like.
4. After that, attach the two dustproof filters with the arrow indicated on each filter facing inside.

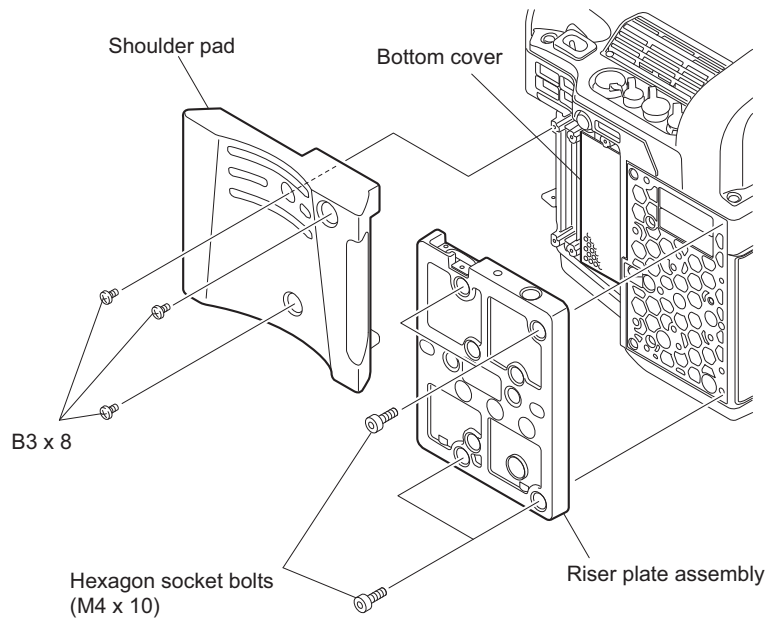


5. Install the removed parts by reversing the steps of removal.

1-10-2. Bottom Side

1. Remove the three screws (B3 x 8) , and detach the shoulder pad.
2. Remove the four hexagon socket bolts (M4 x 10) ,and detach the riser plate assembly.

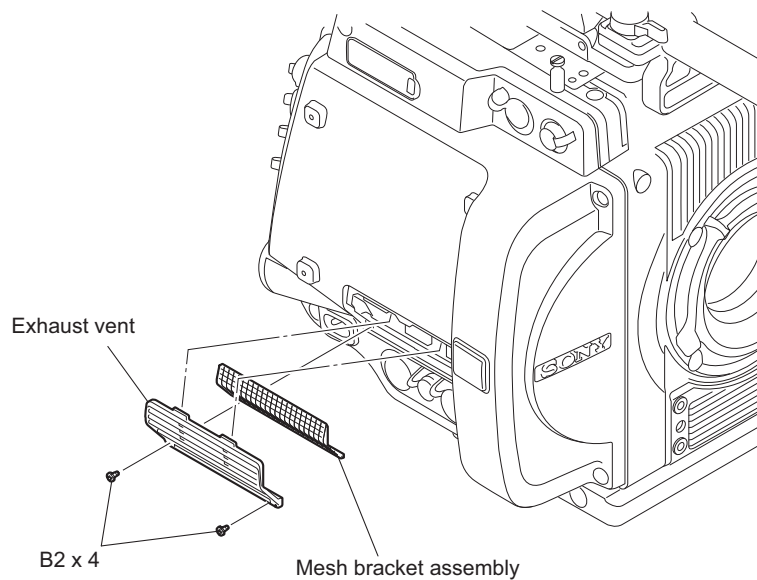
3. Remove dust from the bottom cover with a vacuum cleaner or the like.



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

1-10-3. Exhaust Vent (Outside Panel)

1. Remove the two screws to detach the exhaust vent.
2. Remove the mesh bracket assembly and remove dust with a vacuum cleaner or the like.



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

1-11. Description of Number Seal on the Prism

The number seal is put in the prism unit, the serial number of prism unit. Every prism unit has its own number called prism serial number.

1-12. Optional Fixtures

Name	SonyPart No,	Usage
EX-1030 Board	A-1252-824-A	For extension of plug-in boards
PLD download fixture	J-7120-220-A	PLD data download cable
DC-OUT 12V connector nut fixture	J-6602-260-F	Removal and Installation of the nuts
DC-OUT 24V connector nut fixture	J-6602-250-F	Removal and Installation of the nuts
LEMO-1B type connector nut fixture	J-6602-220-F	Removal and Installation of the nuts
Cable (10 pins)	J-7120-230-A	Cable connecting between PC and this unit (10 pins)
Cable (8 pins)	J-7120-240-A	Cable connecting between PC and this unit (8 pins)

1-13. Circuit Protection Parts

1-13-1. 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 DC IN 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	Ref. No.	Address	Name	Part No,
PS-811	F1	C3/Side A	Fuse	△ 1-576-566-21
	F2	C3/Side A	Fuse	△ 1-576-566-21
	F3	B2/Side A	Fuse	△ 1-576-566-21
	F4	B2/Side A	Fuse	△ 1-576-566-21
	F5	B2/Side A	Fuse	△ 1-576-566-21
	F6	B2/Side A	Fuse	△ 1-576-566-21
RE-278	F1	B1/Side A	Fuse	△ 1-576-269-21

1-13-2. Circuit Protection Element

This unit is equipped with the positive characteristics thermister(s) (power thermister) as the circuit protection element. The positive characteristics thermister limits the electric current flowing through the circuit as the internal resistance increases when an exces-sive current flows or when the ambient temperature increases. If the positive characteristics thermister works, turn off the main power of the unit and inspect the internal circuit of this unit. After the cause of the fault is removed, turn on the main power again. The unit works normally. It takes about one minute to cool down the positive characteristics thermister after the main power is turned off.

Board	Ref. No.	Address	Part No,
CCM66	THP100	C2/Side A	△ 1-802-264-11
	THP101	B2/Side A	△ 1-802-263-11

Continued

Board	Ref. No.	Address	Part No,
RE-278	THP1	A3/Side B	△ 1-802-108-11
	THP2	A3/Side B	△ 1-802-063-21
	THP3	A3/Side B	△ 1-802-108-11
	THP4	A3/Side B	△ 1-802-063-21
	THP6	A3/Side B	△ 1-802-108-11
	THP7	A3/Side B	△ 1-802-063-21
	THP9	A3/Side B	△ 1-802-108-11
	THP101	C3/Side A	△ 1-802-108-11
	THP102	C3/Side A	△ 1-802-108-11
	THP103	C1/Side A	△ 1-802-108-11
	THP104	C1/Side A	△ 1-802-108-11
	THP105	B1/Side A	△ 1-802-108-11

1-14. Circuit Description

1-14-1. AT-185 Board

The AT-185 board contains a CPU that controls hardware and a control circuit.

- CPU and peripheral circuit

The CPU (IC100) runs with 192MHz clock and supplies 64 MHz clock in this board.

The flash memory (IC107, IC108) has a capacity of 32 Mbits and stores programs.

The FRAM (IC110, IC111, IC112, IC113) has a capacity of 1 Mbits and temporarily stores the menu settings retained in the SY-393 board.

The SDRAM (IC109) has a capacity of 64 Mbits and is used for CPU operation.

The CPU's external bus has an 8-bit data line and a 13-bit address line as the control line of the FPGAs on the DIF-205 board, SY-393 board, and VDA-71 board.

Furthermore, the CPU performs communication with the software of the DIF-205 board and the SY-393 board by using this control line.

- AT FPGA

The FPGA (IC300) assists control inside and outside this board and has hardware control inputs/outputs and a serial communication function.

- AD input and DA output

Signal lines of power voltage value, lens information, and identification of connected devices are connected to the CPU's AD input.

Fan control and lens control signal lines are connected to the DA output (IC503, IC504).

1-14-2. BI-273 Board

The BI-273 board is provided with an image sensor and a circuit for generating sensor drive voltages, as well as a VCO.

The PLL control with the camera body is performed from the TG-279 board.

The BI-273 board also contains an EEPROM that stores OHB numbers, sensor adjustment values, and other data.

1-14-3. CCM-66 Board

The CCM-66 board contains an MS/SD interface, a USB 2.0 interface, and a fan power circuit.

MS/SD interface

This interface has a combo connector for Memory Stick and SD memory card.

This interface supports MS Duo Memory Stick and MS-Pro Duo Memory Stick, and also supports SD memory card of up to SD/SDHC Class 10.

USB interface

The CCM-66 board supports the USB2.0 host interface. Both the Hi-Speed mode and the Full-Speed mode are supported (A Type x 2).

USB signals that are input from the SY-393 board pass through the HUB (IC102), making two ports available.

The CCM-66 board supports two devices: USB memory and Wi-Fi adapter. The following devices (Sony products) are recommended.

- USB memory: USM-L series
- Wi-Fi adapter: CBK-WA01

Up to 500 mA per port is available for VBUS.

Fan power circuit

The CCM-66 board contains a power circuit to drive two fans.

A voltage value that is input from the UNREG power supply is converted to +14 V single voltage value by the step-up/step-down DC-DC converter, and the converted voltage value is input to the fan power control circuit. This fan power control circuit can change voltage values under the control from the AT-185 board.

1-14-4. CN-3331 Board

The CN-3331 board contains connectors to supply power to the inside panel and connect the I²C interface. This board is a relay board to provide a floating structure that facilitates mechanical positioning for attaching the inside panel to the camera body. This board relays control signals from the SY-393 board and a power voltage of 5.5 V from the RE-278 board, which are necessary for indication on the inside panel.

1-14-5. CN-3335 Board

The CN-3335 board is a relay board provided with a 20-pin interface connector for the HD viewfinder. EMI filters are provided on the 20-pin connector and the interface signal line. This board relays output HD signals (Y, Pb, Pr) from the VDA-71 board, serial data from the SY-393 board, tally signal, and UNREG (12V) output through the MB-1169 board.

1-14-6. CN-3346 Board

The CN-3346 board relays signals from the camera head block (such as CIS and mechanical rotary shutter) and the signal processing board of the unit. This board relays four power voltages (24 V, 6.2 V, 3.7 V, -5.5 V) from the RE-278 board and the PS-811 board, as well as control signals necessary for the CIS, TG-279 board, and mechanical rotary shutter.

1-14-7. DIF-205 Board

The DIF-205 board performs main video signal processing.

Main line system (recording system)

High-speed serial signal is input from the BI-273 board to the main process IC (IC1) through the fine-wire coaxial cable. Data is sorted by the four DDR memory chips (IC81 to IC84) and variable frame rate processing is performed. The Ancillary data is superimposed on the image-processed video signal and the superimposed electrical signal is converted to an optical signal by the Tx Optical Module (CN7), and then the optical signal is sent to the F65 recorder connector with the optical fiber.

Playback system

The optical video signal sent from the F65 recorder connector through the optical fiber is converted to an electrical signal by the Rx Optical Module (CN6), and the electrical signal is input to the main process IC (IC1) in which the signal is encoded.

Monitor out system (HD-SDI monitoring system)

The main process IC (IC1) performs down-conversion processing for video signals of the main line system and the playback system, and the converted signals are output to the monitor out system (VDA-71 board). Two DDR memory chips (IC79, IC80) are used for down-conversion processing.

External reference lock

The external reference signal is input to the connector CN3 through the coaxial cable. This signal is synchronized with the signal from the internal oscillator by the sync signal separator circuit and the phase comparator.

1-14-8. LP-125 Board

The LP-125 board consists of an EMI filter provided on the signal line and an LED to turn on the REC indicator on the rear panel.

The LED on this board is turned on by the Tally On/Off signal from the SY-393 board.

1-14-9. LP-126 Board

The LP-126 board consists of an EMI filter provided on the signal line and two LEDs to display the input status of two input DC voltages (12 V, 24 V).

Externally input voltage is detected by the PS-811 board and the detection result is sent to the LP-126 board, which turns on the LED (green) of the input voltage.

1-14-10. MB-1169 Board

The MB-1169 board relays boards and connectors.

1-14-11. NET-11 Board

The NET-11 board contains an ETHER connector connected to the PC to control the camera by using web applications. This board sends and receives TD/RD differential serial signals (10BASE-T/100BASE-T) to/from the SY-393 board.

1-14-12. PRE-48 Board

The PRE-48 board is a dedicated power board for the DIF-205 board.

The following power voltages are input from the connector CN23 on the MB-1169 board through the harness to the connector CN1 on the PRE-48 board.

- UNREG12V
- +5.5 V-2 (digital system)
- +5.5 V (analog system)
- -5.5 V (analog system)

Power voltages necessary for the DIF-205 board are output from the connector CN2 on the PRE-48 board through the harness.

- UNREG12 V → +5V-INT (IC5)
 - +2.5 V-AUX (IC8) → CN2 (pin 15, 16) → DIF-205 board
 - +2.5 V (Q2) → CN2 (pin 14) → DIF-205 board
 - +1.8 V (IC6) → CN2 (pin 15, 16) → DIF-205 board
 - +1.5 V (IC12) → CN2 (pin 17, 18) → DIF-205 board
 - +3.3 V (IC7) → CN2 (pin 10) → DIF-205 board
- +5.5 V → +5.0 V (A) (IC10) → CN2 (pin 12) → DIF-205 board
- -5.5 V → -5.0 V (A) (IC10) → CN2 (pin 11) → DIF-205 board
- +5.5 V-2 → +1.0 V (IC2 to IC4) → CN2 (pin 1 to 8) → DIF-205 board
- Voltage feedback control for +1.0 V and +1.8 V is performed between this board and the DIF-205 board.

1-14-13. PS-811 Board

The PS-811 board controls the external power input.

This board consists of an input voltage detection circuit, a shutdown timer, UNREG switches, and a circuit for generating 24 V for the mechanical rotary shutter.

UNREG voltages that are input from the external 8-pin power connector are distributed to each necessary system in the unit through the FET switch. Power voltages to be output to the outside are supplied through the overcurrent detection circuit. Voltage 24 V from the same external connector is output through the overcurrent detection circuit.

UNREG voltages that are input from the external 8-pin power connector are distributed to each necessary system in the unit through the FET switch.

Power ON/OFF control is enabled by the Power switch on the unit. However, emergency shutdown is also possible by providing a shutdown timer circuit considering the time for end processing required in the unit.

As the basic power OFF operation, the Power switch OFF information is sent to the PS-811 and SY-393 boards and the PS-811 board enters the shutdown waiting state for about 30 seconds. When the internal end processing is completed, the shutdown enable command is issued from the SY-393 board to the AT-185 board. Then the shutdown signal from the AT-185 board is sent to the PS-811 board. Thus power can be turned off prior to the auto-shutdown time that the PS-811 board retains.

1-14-14. RE-278 Board

The RE-278 board generates voltages required in the unit.

This board consists of an overvoltage and undervoltage detection circuit and switching regulators.

Voltages 24 V, 15 V, 6 V, 5.5 V, and -5.5 V are generated by the step-up/step-down switching regulator circuit from the UNREG voltage (12 V) given from the PS-811 board through the connector CN1, and at the same time, the input voltage 12 V is monitored.

If the input voltage is outside the specified voltage range, the circuit is shut down. This circuit itself also has an overcurrent detection shutdown circuit. The RE-278 board also functions as a relay board that sends voltages for RM, VF, and lens without converting them.

1-14-15. SIO-32 Board

The SIO-32 board contains an EXT I/O connector.

1-14-16. SW-1502 Board

The SW-1502 board, which is the main board on the inside panel, contains a circuit for regulating three voltages +3.3 V, +5 V (LED), and +5 V (VFD).

Since input voltages have a long time constant when power is turned off, output voltages are surely shut down at power-off by using the CE pin of the regulator IC.

This board contains a menu button, a shutter switching button, a REC button, and I²C I/O for LED control. All LEDs light when power is turned on.

This relay board sends control signals (out of signals relayed from the CN-3331 board) to the VFD, MENU SEL/ENTER dial, and assignable buttons.

1-14-17. SW-1513 Board

The SW-1513 board consists of a user interface for four assignable buttons, four assignable buttons, and an I²C I/O that controls the four assignable buttons and input/output information of the corresponding LEDs.

This board controls LED ON indication, and all LEDs light when power is turned on.

1-14-18. SW-1514 Board

The SW-1514 board contains a MENU SEL/ENTER dial on the inside panel.

This board generates three signals of the MENU SEL/ENTER dial between this board and the SY-393 board.

1-14-19. SY-393 Board

The SY-393 board contains a CPU, peripheral devices, and interfaces.

CPU and peripheral devices

The CPU runs on the programs stored in the flash memory (IC304).

Programs can be upgraded from a Memory Stick, SD memory card, or USB memory through the CCM-66 board.

System settings and other data are stored in the flash memory (IC304) and the microSD memory card inserted into the microSD socket.

This board also contains DDR2 (IC301, IC302).

The CPU's external bus is used to control the SY-PLD (IC500) and the LAN communication (IC402).

In addition to these, this board is provided with a calendar function RTC (IC404). The BT400 is a backup power supply for the RTC.

SY-PLD (IC500)

The SY-PLD has the following functions to control external inputs and outputs and internal devices of the unit.

- Communication with the CPU on the AT-185 board
- Inside panel switch input, MENU SEL/ENTER dial input, LED control, and sub display output
- I²C communication with the viewfinder and tally output
- Camera status and menu output to SDI
- Protocol communication between camera and EXT I/O connector of ARRI Remote
- 700 protocol communication between camera and CCU's REMOTE connector
- Protocol communication between camera and SR-R4 recorder connector
- CAM POWER switch input and camera power-off control

1-14-20. TG-279 Board

The TG-279 board is provided with the following main circuits.

Sensor drive timing generator

This generator generates CMOS image sensor drive pulse in the FPGA and outputs it to the BI-273 board.

PLL circuit

This board contains a PLL circuit to lock the OHB-side clock to the unit-side clock. The VCO on the OHB side is mounted on the BI-273 board.

PL lens mount hot shoe circuit

The TG-279 board contains an UNREG +24 V switching regulator circuit to output +24 V to the 4-pin lens mount interface connector and a circuit to decide whether a corresponding lens is mounted to the lens hot shoe.

Series regulator circuit

The TG-279 board has a regulator circuit to generate the following voltages for the TG-279 board and the BI-273 board.

- +6.2 V → +4.5 V
- +3.7 V → +3.2 V
- +3.7 V → +3.2 V (for PLL)
- +3.2 V → +2.5 V

- +3.7 V → +1.5 V

1-14-21. VDA-71 Board

The VDA-71 board generates video signals for the monitor system of the unit.

- Two HD-SDI outputs for monitoring
- HD-Y (analog)
- Y for RM (analog)
- Y, Pb, and Pr for VF (analog)

Main line monitor system

Video signals down-converted on the DIF-205 board are converted to high-speed serial signal, and the serial signal is input to the video process IC (IC200) through the MB-1169 board. Then video processing (such as γ correction) and transmission matrix processing are applied to the serial signal, and then display system processing (such as OSD MIX, Marker MIX, and scaling) is performed by the sub process IC (IC400).

Return video system

The HD-SDI signal extracted on the DIF-205 board is input to IC400 through the MB-1169 board.

OSD VIDEO input

The OSD VIDEO signal generated on the SY-393 board is input to IC400 through the MB-1169 board.

The MIX processing is applied to the OSD VIDEO signal in the sub process IC (IC400) for each video system.

Audio and Ancillary-DATA input

The AUDIO signal and Ancillary-DATA are separated on the DIF-205 board, and are then input to IC400 through the MB-1169 board.

IC400 video output

- The IC400 video output becomes each video output through the HD-SDI P/S (IC502) and the HD analog video encoder (IC503).
- Multiplexing processing is applied to the Quarter HD picture for still image generated by the sub process IC (IC400), and the processed Quarter HD is output from the connector CN503 to the SY-393 board with the flexible flat cable.

1-15. Lead-free Solder

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



: LEAD FREE MARK

Notes

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

Section 2

Replacement of Main Parts

Note

Be sure to turn off the power before repairing or replacing parts.

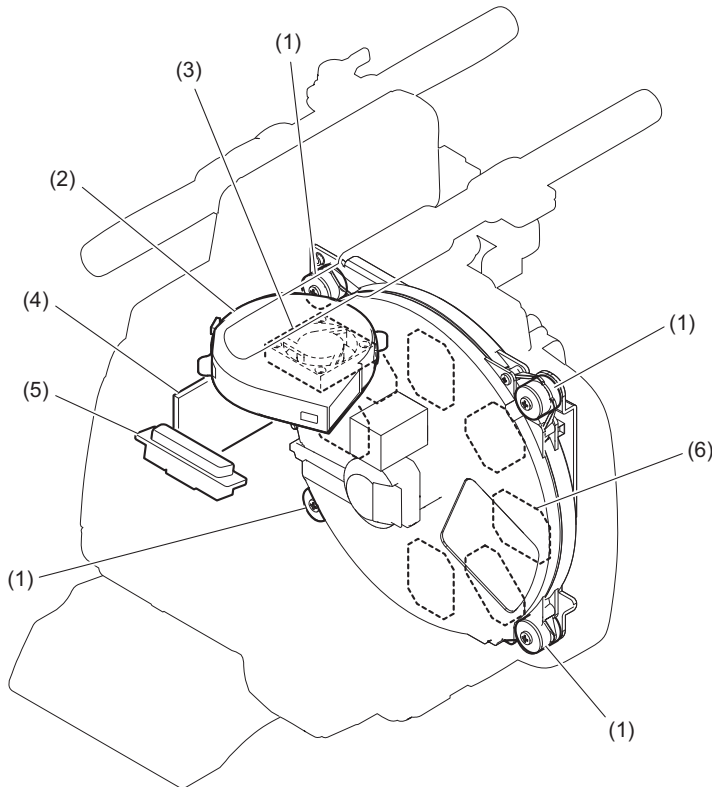
2-1. General Information on Parts Replacement

INDEX

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

2-1-1. Mechanical Parts

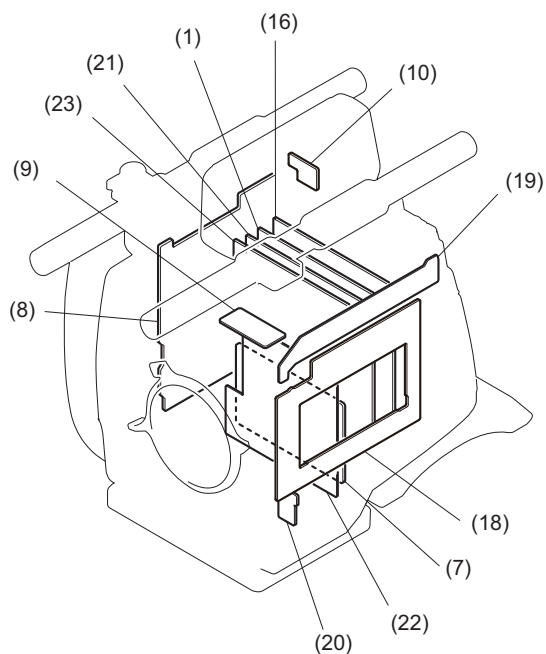
No.	Part Name	Procedure
(1)	Vibration-proof bushing	Refer to “ 2-3-5. Vibration Proof Bushing (Mechanical Shutter Assembly) ”.
(2)	DC fan (Sirocco)	Refer to “ 2-4-1. DC Fan (Sirocco) ”.
(3)	DC fan (40 square)	Refer to “ 2-4-2. DC Fan (40 Square) ”.
(4)	VFD Assembly	Refer to “ 2-5-4. VFD Assembly ”.
(5)	Optical connector (ARGO cable)	Refer to “ 2-8. Optical Connector (ARGO Cable) ”.
(6)	ND filter	Refer to “ 2-3-4. Replacing the ND Filter (Mechanical Shutter Assembly) ”.

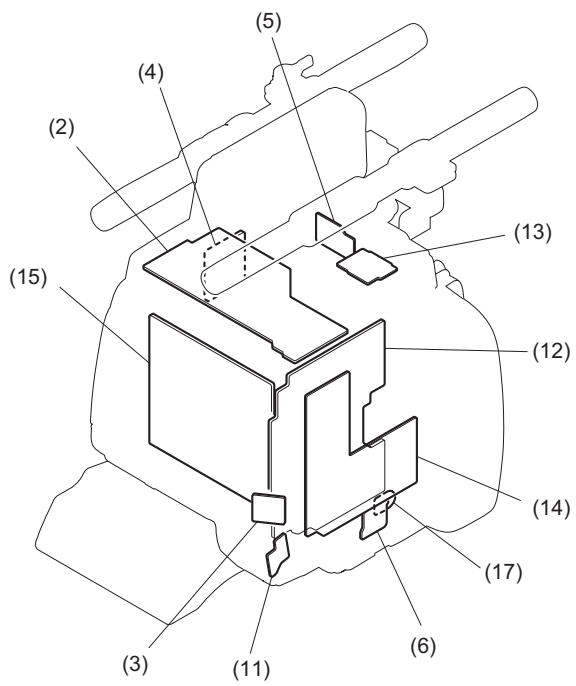


2-1-2. Mounted Circuit Boards

After replacing/repairing the mounted circuit boards (or the assembling parts including them), perform the steps after replacement/repair.

No.	Board name	Procedure	Steps after replacement
(1)	AT-185	Refer to “2-7-3. AT-185 Board”.	
(2)	CCM-66	Refer to “2-7-6. CCM-66 Board”.	
(3)	CN-3330	Refer to “2-6-2. CN-3330 Board”.	
(4)	CN-3331	Refer to “2-7-5. CN-3331 Board”.	
(5)	CN-3335	Refer to “2-7-8. CN-3335 Board”.	
(6)	CN-3336	Refer to “2-7-16. CN-3336 Board”.	
(7)	CN-3346	Refer to “2-7-7. CN-3346 Board”.	
(8)	DIF-205	Refer to “2-7-14. DIF-205 Board”.	
(9)	DU-560	Refer to “2-3-2. DU-560 Board”.	
(10)	LP-125	Refer to “2-7-10. LP-125 Board”.	
(11)	LP-126	Refer to “2-7-11. LP-126 Board”.	
(12)	MB-1169	Refer to “2-7-17. MB-1169 Board”.	
(13)	NET-11	Refer to “2-7-9. NET-11 Board”.	
(14)	PRE-48	Refer to “2-7-13. PRE-48 Board”.	
(15)	PS-811	Refer to “2-7-12. PS-811 Board”.	
(16)	RE-278	Refer to “2-7-4. RE-278 Board”.	
(17)	SIO-32	Refer to “2-7-15. SIO-32 Board”.	
(18)	SW-1502	Refer to “2-5-2. SW-1502 Board”.	
(19)	SW-1513	Refer to “2-5-1. SW-1513 Board”.	
(20)	SW-1514	Refer to “2-5-3. SW-1514 Board”.	
(21)	SY-393	Refer to “2-7-2. SY-393 Board”.	
(22)	TG-279	Refer to “2-3-3. TG-279 Board”.	
(23)	VDA-71	Refer to “2-7-1. VDA-71 Board”.	

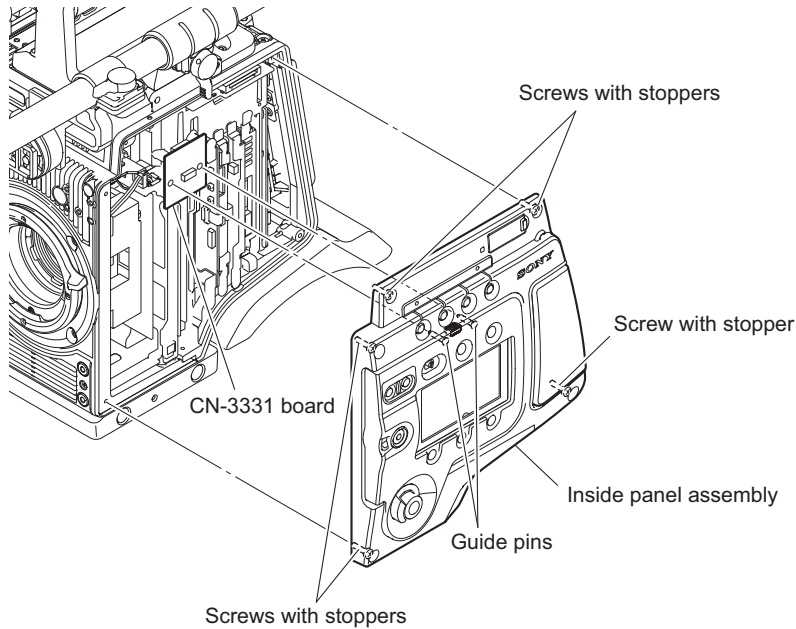




2-2. Removing/Reinstalling the Side Panel

2-2-1. Inside Panel

1. Loosen the five screws with stopper to detach the inside panel.



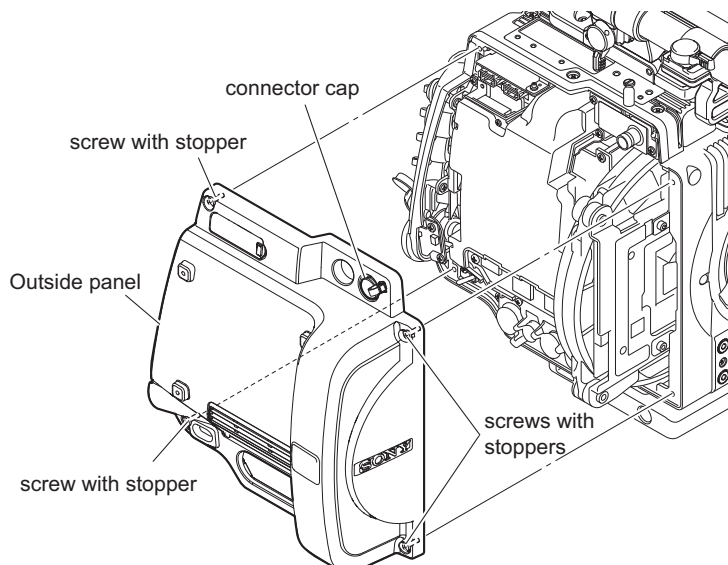
Note

When installing the inside panel, match the guide pins on the inside panel assembly with the holes in the CN-3331 board.

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

2-2-2. Outside Panel

1. Open the connector cap.
2. Loosen the four screws with stopper to detach the outside panel.



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

2-3. Front Assembly

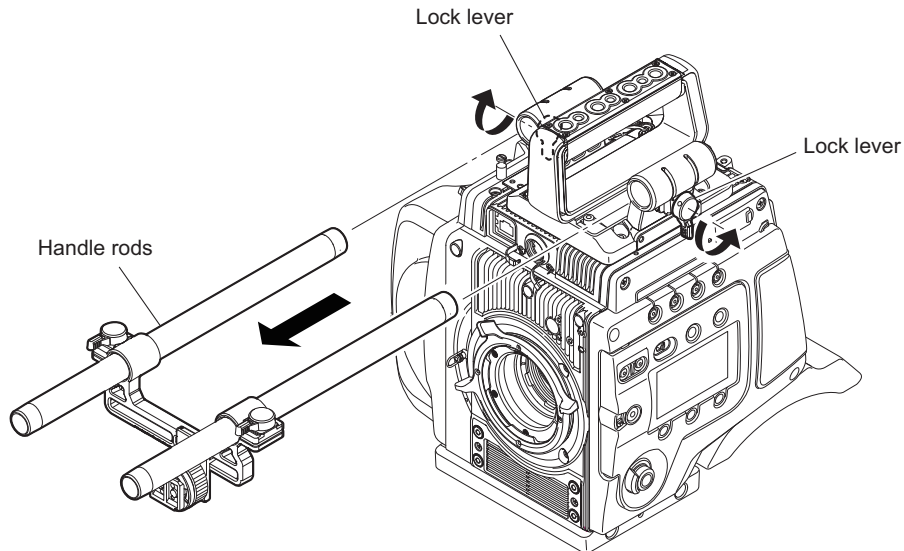
2-3-1. Removing/Reinstalling the Front Assembly

Preparation

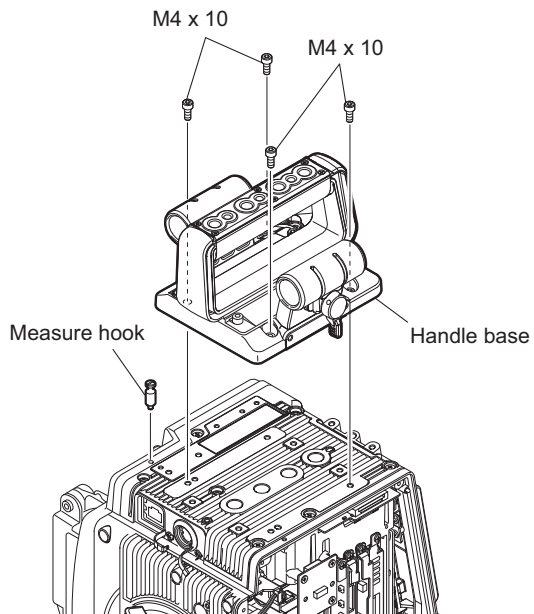
1. Remove the inside panel. (Refer to “2-2-1. Inside Panel”.)
2. Remove the outside panel. (Refer to “2-2-2. Outside Panel”.)

Procedure

1. Loosen the right and left lock levers, and remove the two handle rods.

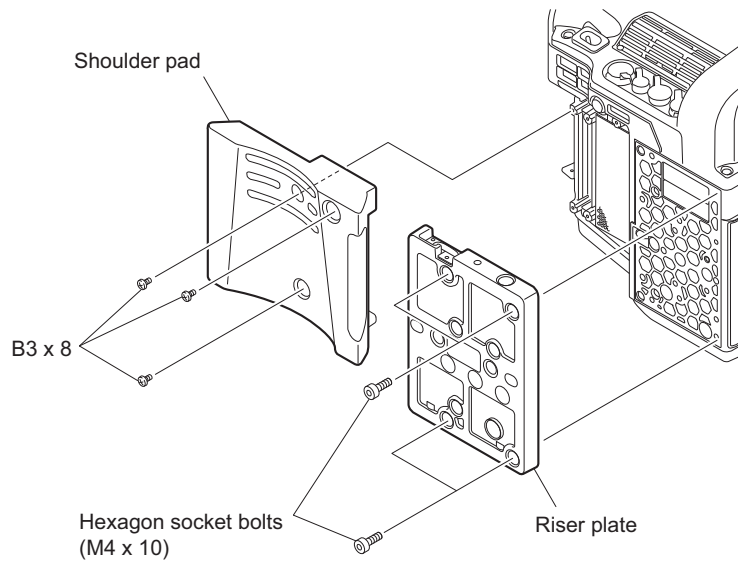


2. Remove the four hexagon socket bolts (M4 x 10) to detach the handle base.
3. Remove the measure hook.

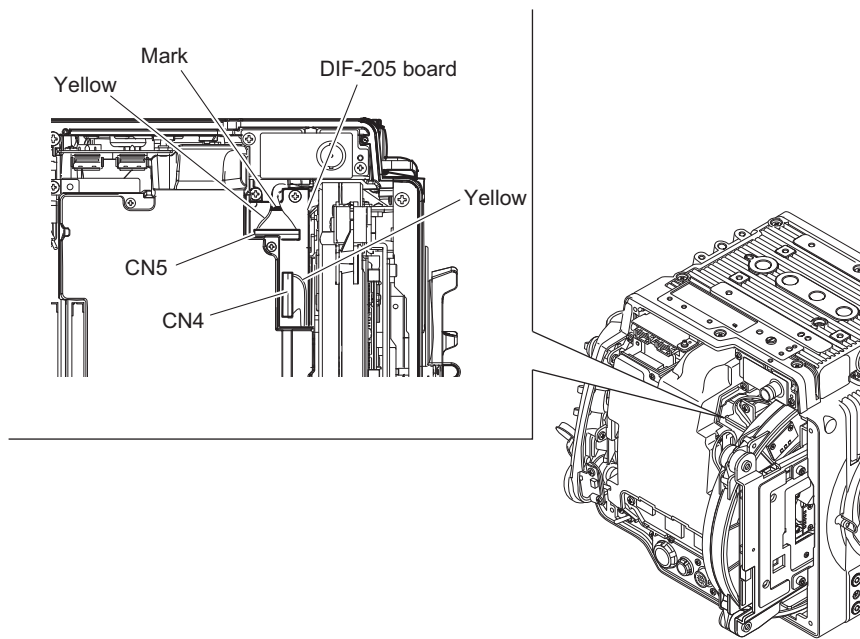


4. Remove the three screws (B3 x 8) to detach the shoulder pad.

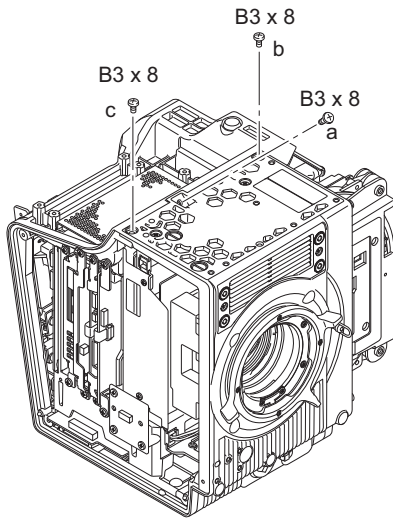
5. Remove the four hexagon socket bolts (M4 x 10) to detach the riser plate.



6. Disconnect the two fine-wire coaxial cables from the two connectors (CN4, CN5) on the DIF-205 board.



7. Remove the three screws.



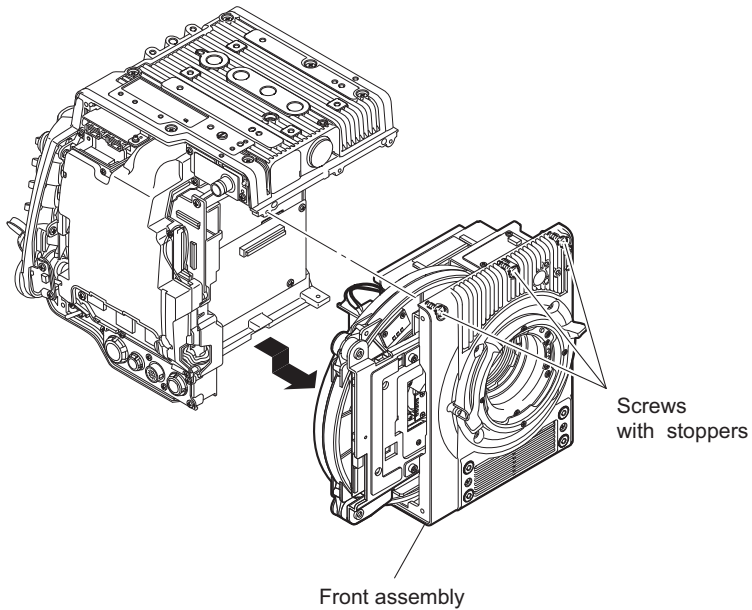
Note

When reinstalling these screws, install them in the order of a, b, and c shown in the figure.

8. Loosen the three screws with stopper to remove the front assembly.

Note

Remove the front assembly paying attention not to damage the harnesses or the main frame.



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

2-3-2. DU-560 Board

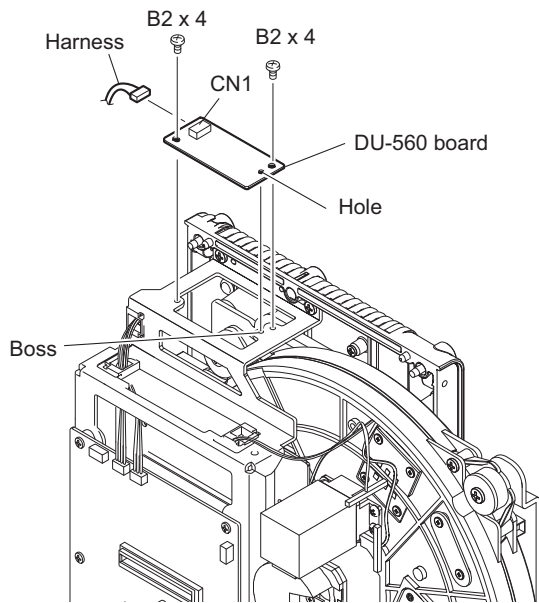
Preparation

1. Remove the front assembly. (Refer to [“2-3-1. Removing/Reinstalling the Front Assembly”](#).)

Procedure

1. Disconnect the harness from the connector (CN1) on the DU-560 board.

2. Remove the two screws to detach the DU-560 board.



Note

When installing the DU-560 board, match the holes in the board with the bosses.

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

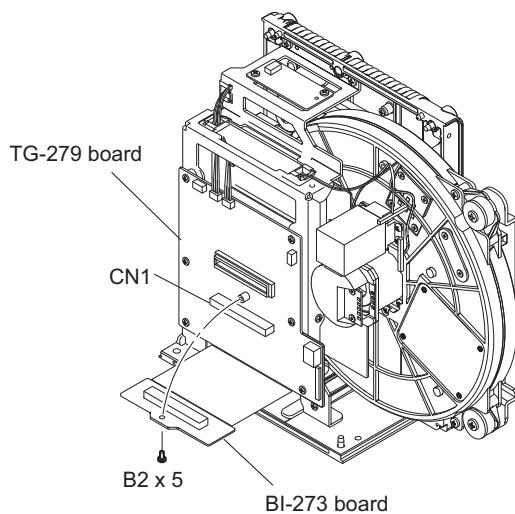
2-3-3. TG-279 Board

Preparation

1. Remove the front assembly. (Refer to [“2-3-1. Removing/Reinstalling the Front Assembly”](#).)

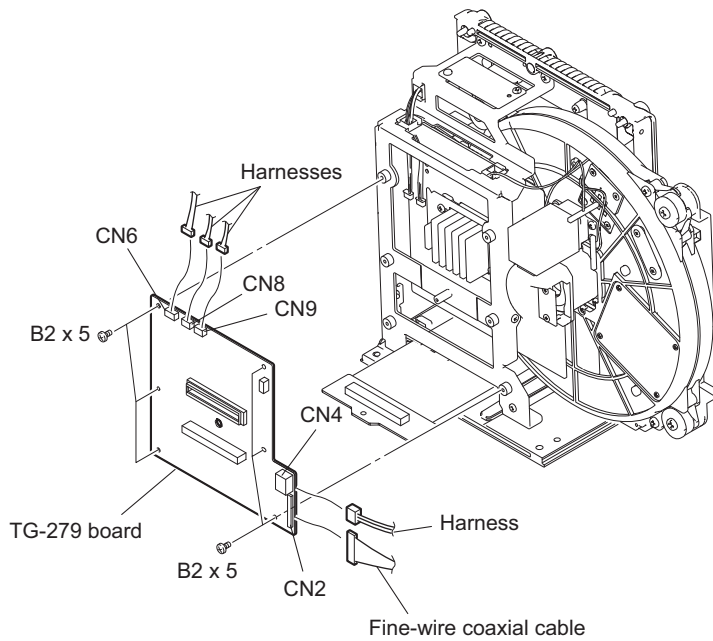
Procedure

1. Remove the screw and disconnect the BI-273 board from the connector (CN1) on the TG-279 board.



2. Disconnect the fine-wire coaxial cable from the connector (CN2) on the TG-279 board.
3. Disconnect the four harnesses from the four connectors (CN4, CN6, CN8, and CN9) on the TG-279 board.

4. Remove the six screws to detach the TG-279 board.



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

2-3-4. Replacing the ND Filter (Mechanical Shutter Assembly)

Note

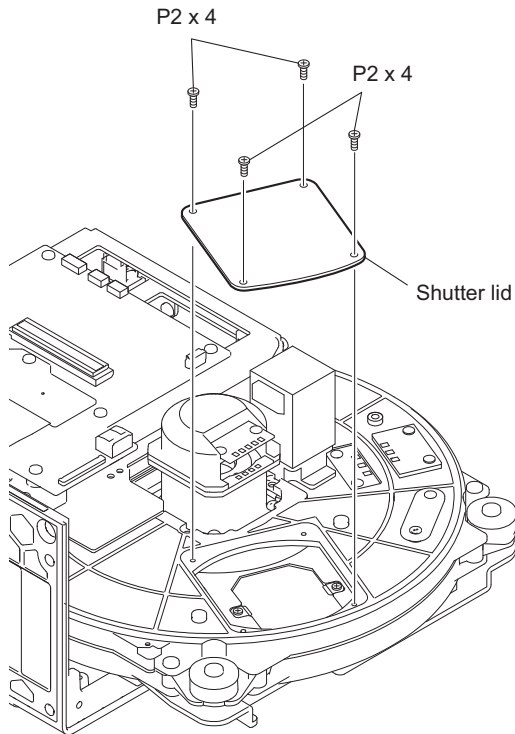
Remove and reinstall the ND filters in a clean area.

Preparation

1. Remove the front assembly. (Refer to [“2-3-1. Removing/Reinstalling the Front Assembly”](#).)

Procedure

1. Remove the four screws, and detach the shutter lid of the mechanical shutter assembly.

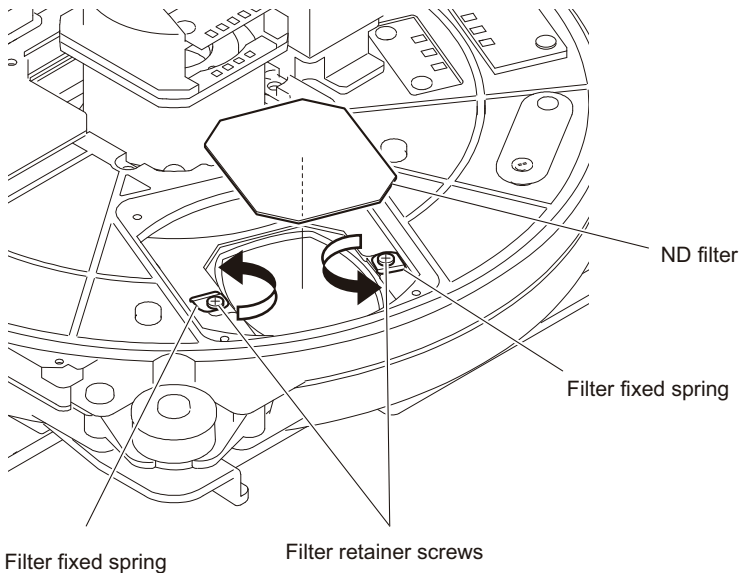


2. Loosen the filter retainer screw by one turn to turn the filter fixed spring.

Note

If the filter retainer screw is turned by more than one turn and the screw is completely removed, screw threads may be scraped and the optical filter may be contaminated. Replace the ND filter without completely removing the filter retainer screw.

3. Detach the ND filter.



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

2-3-5. Vibration Proof Bushing (Mechanical Shutter Assembly)

Note

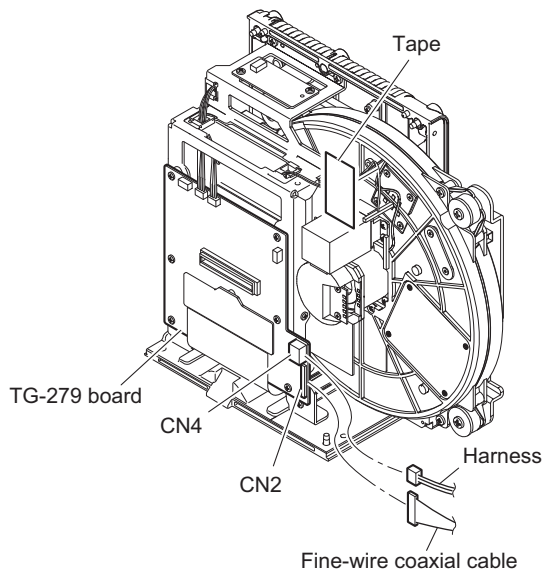
Replace the vibration-proof bushing and remove and reinstall the mechanical shutter assembly in a clean area.

Preparation

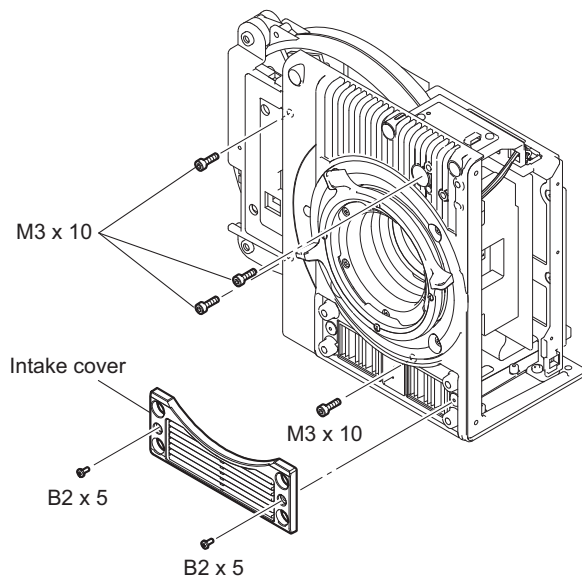
1. Remove the front assembly. (Refer to [“2-3-1. Removing/Reinstalling the Front Assembly”](#).)

Procedure

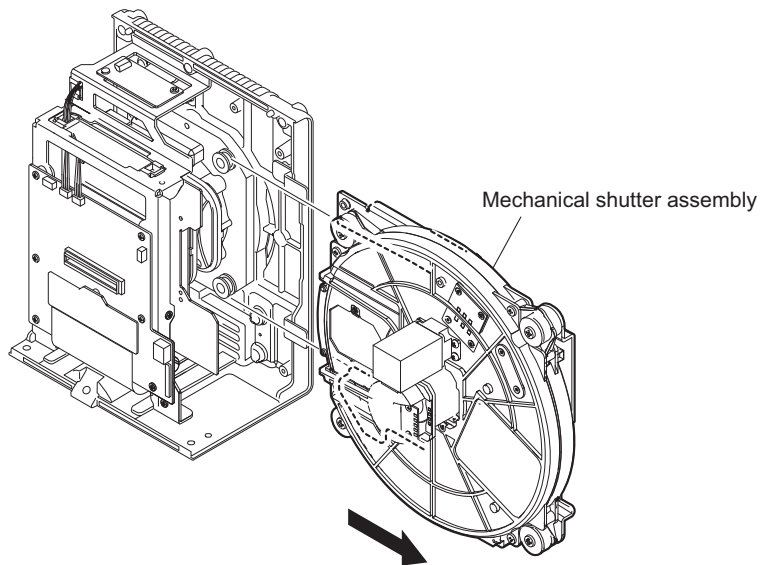
1. Remove the tape clamping the fine-wire coaxial cable.
2. Disconnect the fine-wire coaxial cable from the connector (CN2) on the TG-279 board.
3. Disconnect the harness from the connector (CN4) on the TG-279 board.



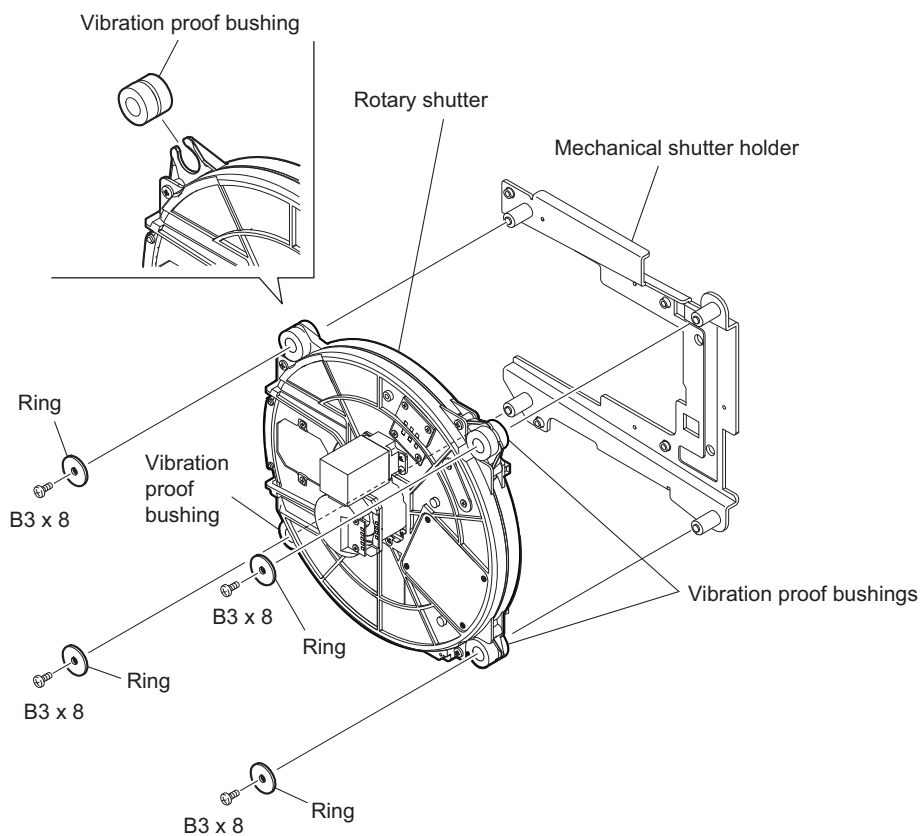
4. Remove the two screws (B2 x 5) to detach the intake cover.
5. Remove the four stainless bolts (M3 x 10).



6. Draw the mechanical shutter assembly in the direction of arrow.



7. Remove the four screws and four rings of the rotary shutter from the mechanical shutter holder.
8. Remove the four vibration-proof bushings.



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

2-4. Replacing Fans

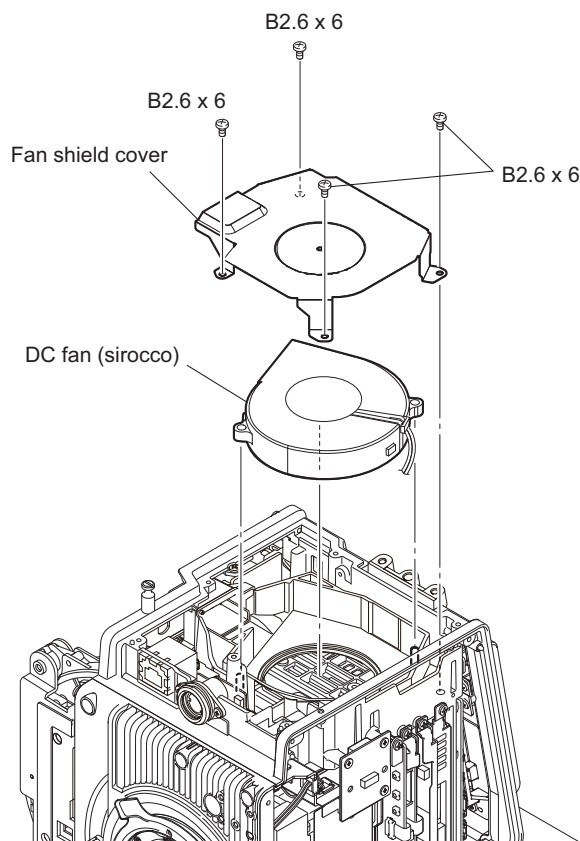
2-4-1. DC Fan (Sirocco)

Preparation

1. Remove the handle. (Refer to [“2-3-1. Removing/Reinstalling the Front Assembly”](#).)
2. Remove the inside panel. (Refer to [“2-2-1. Inside Panel”](#).)
3. Remove the outside panel. (Refer to [“2-2-2. Outside Panel”](#).)
4. Remove the CCM-66 board. (Refer to [“2-7-6. CCM-66 Board”](#).)

Procedure

1. Remove the four screws to detach the fan shield cover.
2. Remove the DC fan (sirocco).



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

2-4-2. DC Fan (40 Square)

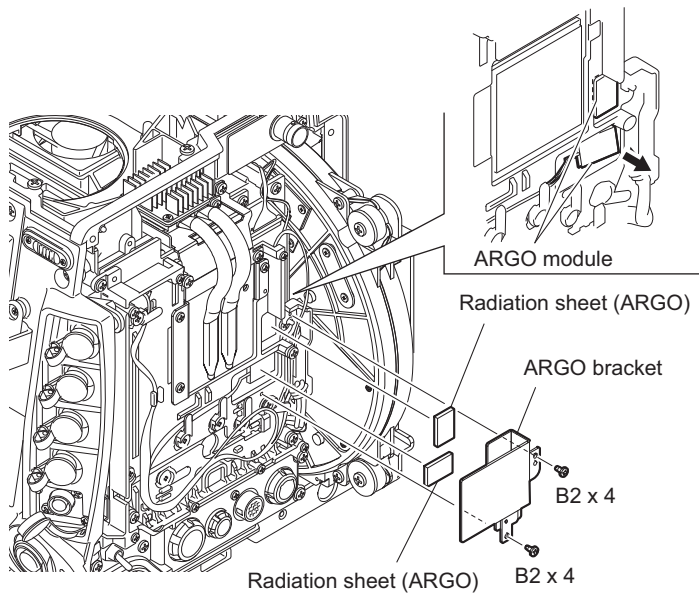
Preparation

1. Remove the outside panel. (Refer to [“2-2-2. Outside Panel”](#).)
2. Remove the DC fan (sirocco). (Refer to [“2-4-1. DC Fan \(Sirocco\)”](#).)
3. Remove the PRE-48 board. (Refer to [“2-7-13. PRE-48 Board”](#).)

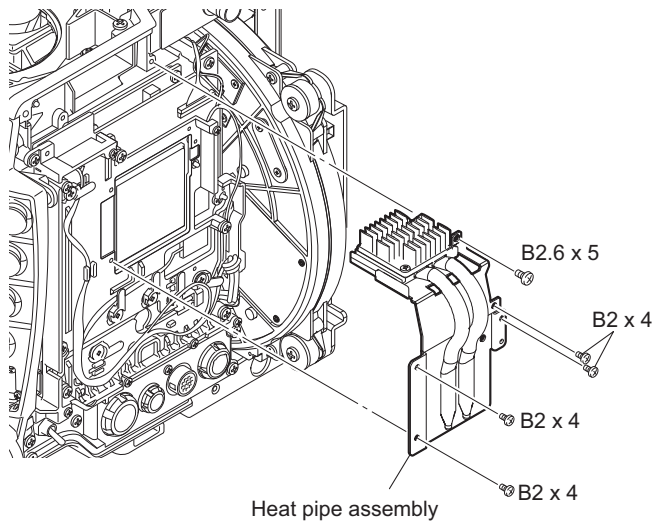
Procedure

1. Remove the two screws to detach the ARGO bracket and the radiation sheets (ARGO).

2. Disconnect the ARGO module from the connector on the DIF-205 board while lifting the edge of the board.

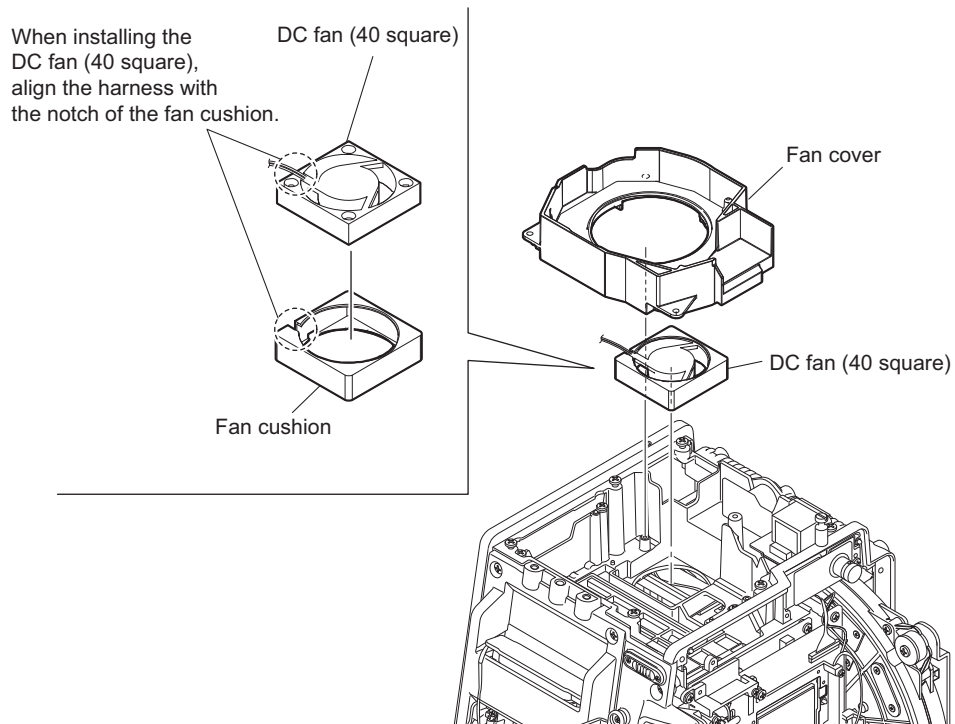


3. Remove the four screws (B2 x 4) and the screw (B2.6 x 5) to detach the heat pipe assembly.



4. Remove the fan cover.

5. Remove the DC fan (40 square) from the fan cushion.



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

2-5. Inside Panel

2-5-1. SW-1513 Board

Preparation

1. Remove the inside panel. (Refer to “2-2-1. Inside Panel”.)

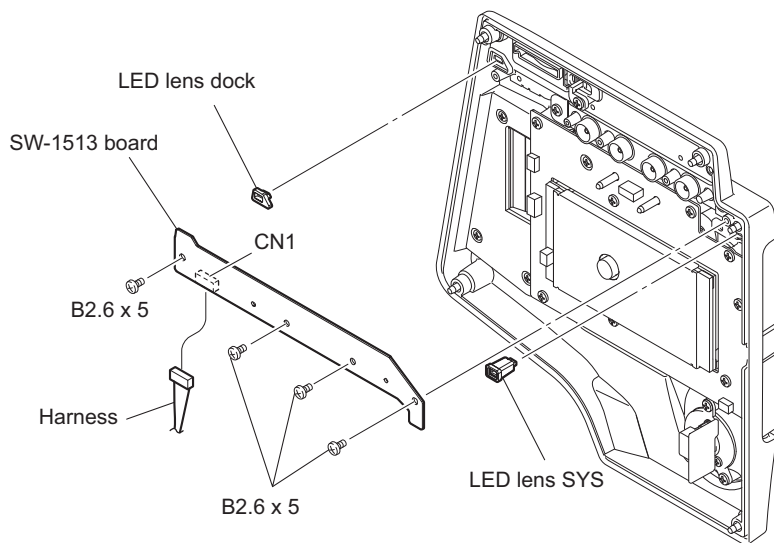
Procedure

1. Remove the four screws.
2. Disconnect the harness from the connector (CN1) on the SW-1513 board.

Note

Be careful so that the unfixed LED lens (DOC) and the LED lens (SYS) do not fall.

3. Remove the SW-1513 board, LED lens dock, and LED lens SYS.



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

2-5-2. SW-1502 Board

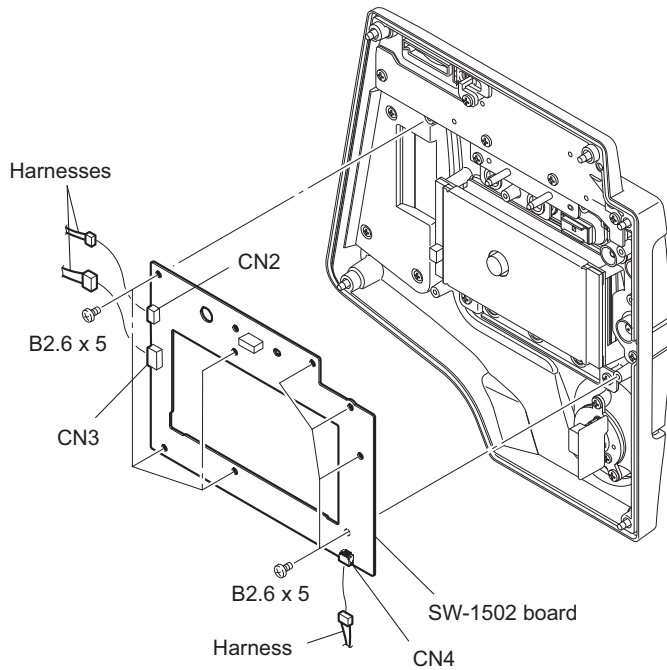
Preparation

1. Remove the inside panel. (Refer to “2-2-1. Inside Panel”.)

Procedure

1. Disconnect the three harnesses from the three connectors (CN2, CN3, and CN4) on the SW-1502 board.

2. Remove the eight screws to detach the SW-1502 board.



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

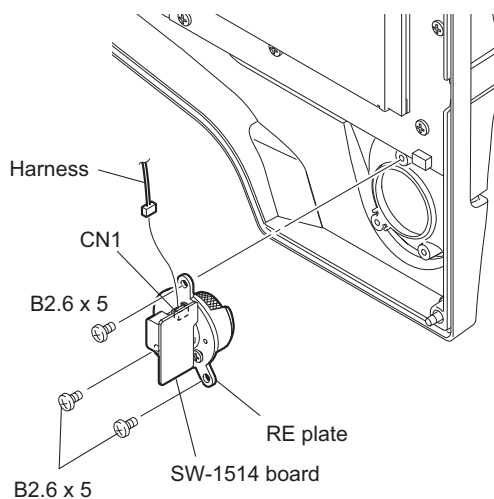
2-5-3. SW-1514 Board

Preparation

1. Remove the inside panel. (Refer to “[2-2-1. Inside Panel](#)”.)

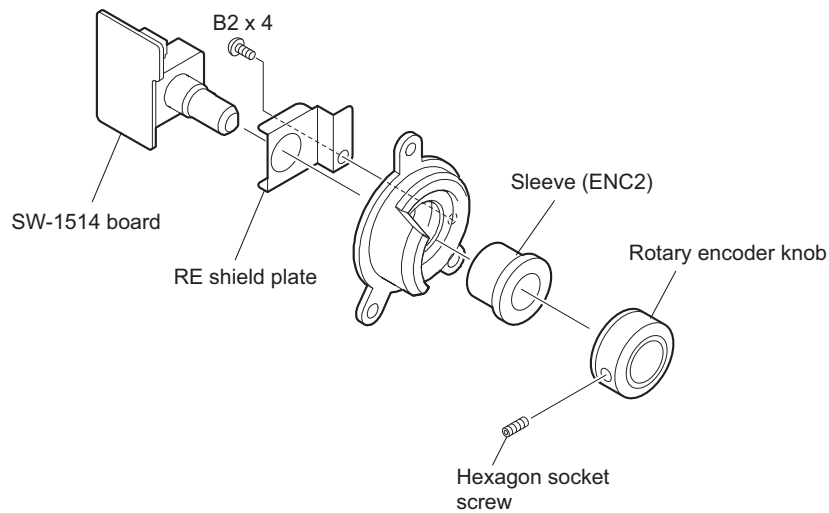
Procedure

1. Disconnect the harness from the connector (CN1) on the SW-1514 board.
2. Remove the three screws to detach the RE plate.



3. Remove the hexagon socket screw to detach the rotary encoder knob.
4. Remove the screw (B2 x 4).

5. Remove the sleeve (ENC2) to detach the SW-1514 board and the RE shield plate.



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

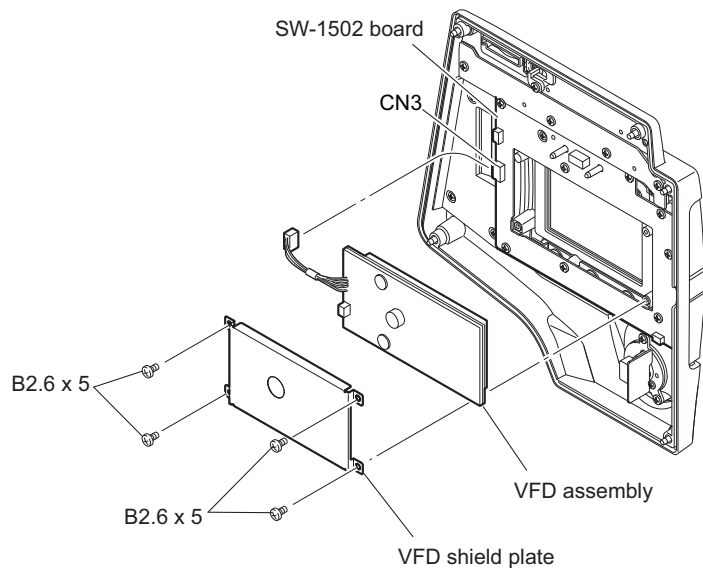
2-5-4. VFD Assembly

Preparation

1. Remove the inside panel. (Refer to “2-2-1. Inside Panel”.)

Procedure

1. Disconnect the harness from the connector (CN3) on the SW-1502 board.
2. Remove the four screws to detach the VFD shield plate and the VFD assembly.



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

2-6. Rear Panel Assembly

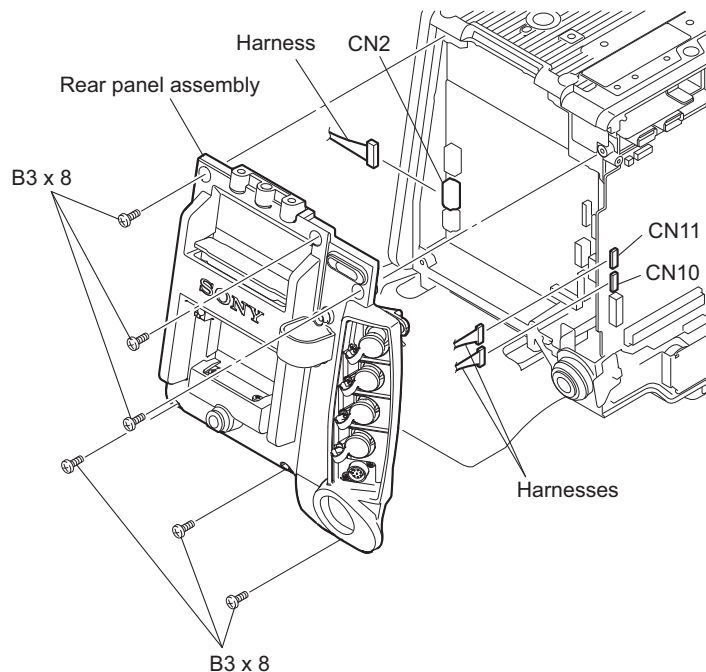
2-6-1. Removing/Reinstalling the Rear Panel Assembly

Preparation

1. Remove the inside panel. (Refer to “2-2-1. Inside Panel”.)
2. Remove the outside panel. (Refer to “2-2-2. Outside Panel”.)
3. Remove the PRE-48 board. (Refer to “2-7-13. PRE-48 Board”.)
4. Remove the DIF heatsink assembly. (Refer to “2-7-14. DIF-205 Board”.)
5. Disconnect the coaxial cable (red) from the coaxial connector (CN501) on the VDA-71 board. (Refer to “2-7-1. VDA-71 Board”.)

Procedure

1. Disconnect the harness from the connector (CN2) on the PS-811 board.
2. Disconnect the harnesses from the connectors (CN10, CN11) on the MB-1169 board.
3. Remove the six screws to detach the rear panel assembly paying attention not to damage the harnesses.



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

2-6-2. CN-3330 Board

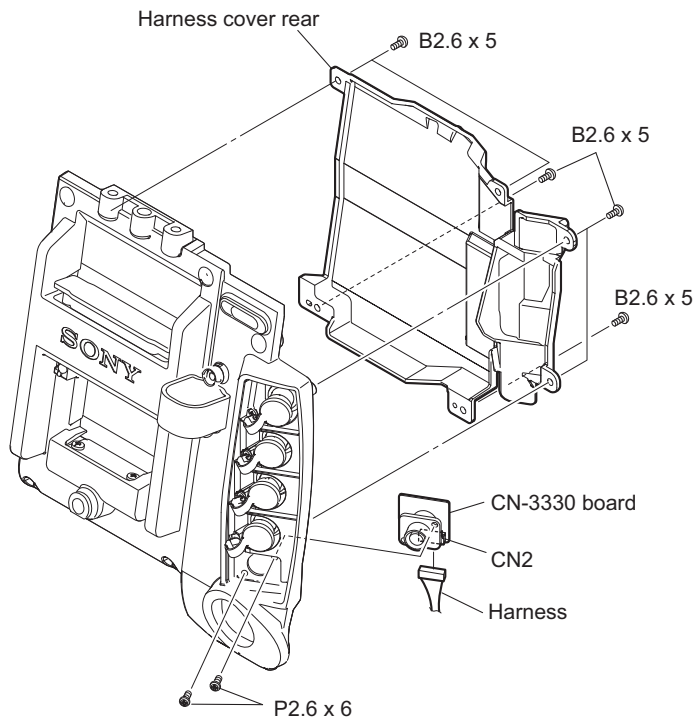
Preparation

1. Remove the inside panel. (Refer to “2-2-1. Inside Panel”.)
2. Remove the outside panel. (Refer to “2-2-2. Outside Panel”.)
3. Remove the PRE-48 board. (Refer to “2-7-13. PRE-48 Board”.)
4. Remove the DIF heatsink assembly. (Refer to “2-7-14. DIF-205 Board”.)
5. Remove the rear panel assembly. (Refer to “2-6-1. Removing/Reinstalling the Rear Panel Assembly”.)

Procedure

1. Remove the six screws (B2.6 x 5) to detach the harness cover (rear).
2. Remove the two screws (P2.6 x 6) to detach the CN-3330 board.

3. Disconnect the harness from the connector (CN2) on the CN-3330 board.



Note

When reattaching the harness cover (rear), refer to [“2-10. Routing Harnesses”](#).

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

2-7. Main Frame

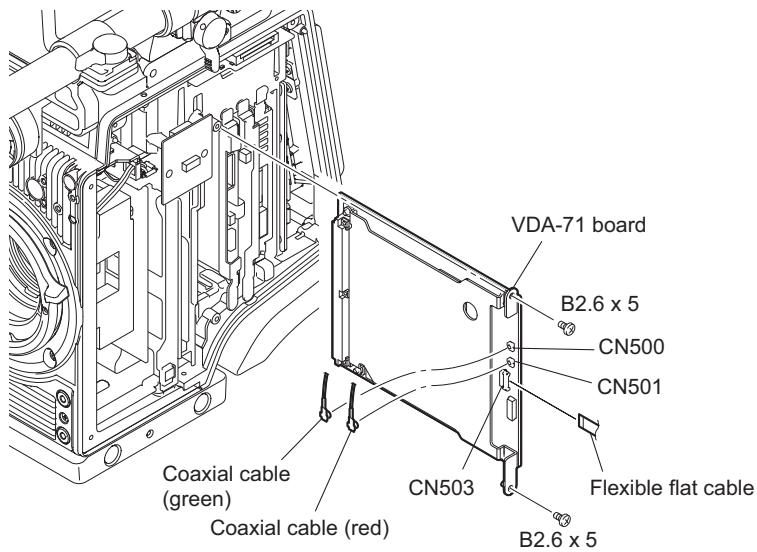
2-7-1. VDA-71 Board

Preparation

1. Remove the inside panel. (Refer to “[2-2-1. Inside Panel](#)”.)

Procedure

1. Remove the two screws and pull out the VDA-71 board from the slot.
2. Disconnect the flexible flat cable from the connector (CN503) on the VDA-71 board.
3. Disconnect the two coaxial cables from the two connectors (CN500, CN501) on the VDA-71 board.
4. Remove the VDA-71 board.



Note

When reconnecting the coaxial cables, refer to (“[2-10. Routing Harnesses](#)”).

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

2-7-2. SY-393 Board

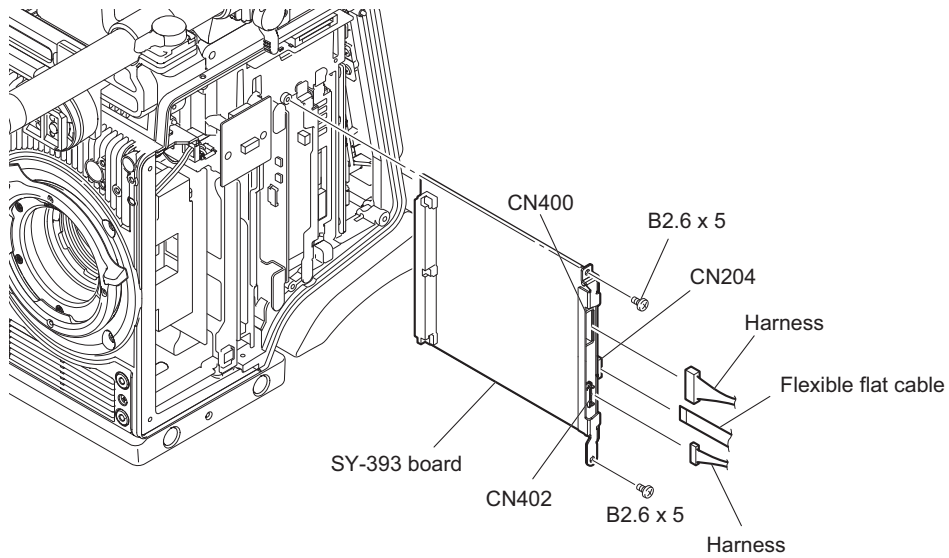
Preparation

1. Remove the inside panel. (Refer to “[2-2-1. Inside Panel](#)”).

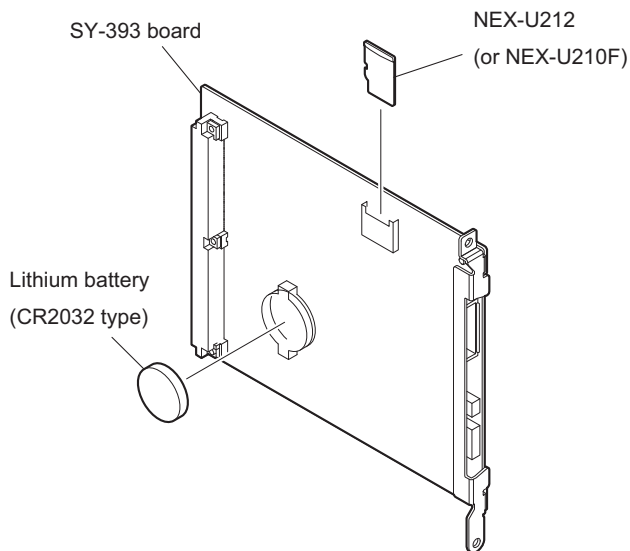
Procedure

1. Disconnect the two harnesses from the connectors (CN400, CN402) on the SY-393 board.
2. Disconnect the flexible flat cable from the connector (CN204) on the SY-393 board.

3. Remove the two screws and pull out the SY-393 board from the slot.



4. Remove the lithium battery (CR2032 type) and the NEX-U212 (or NEX-U210F).



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

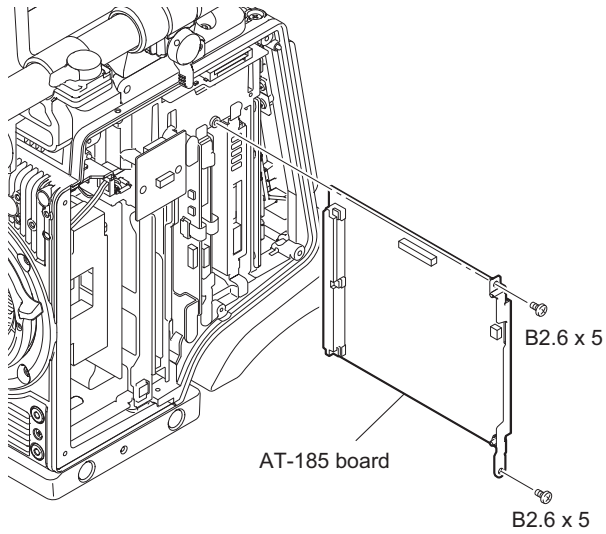
2-7-3. AT-185 Board

Preparation

1. Remove the inside panel. (Refer to “[2-2-1. Inside Panel](#)”.)

Procedure

1. Remove the screws and remove the AT-185 board from the slot.



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

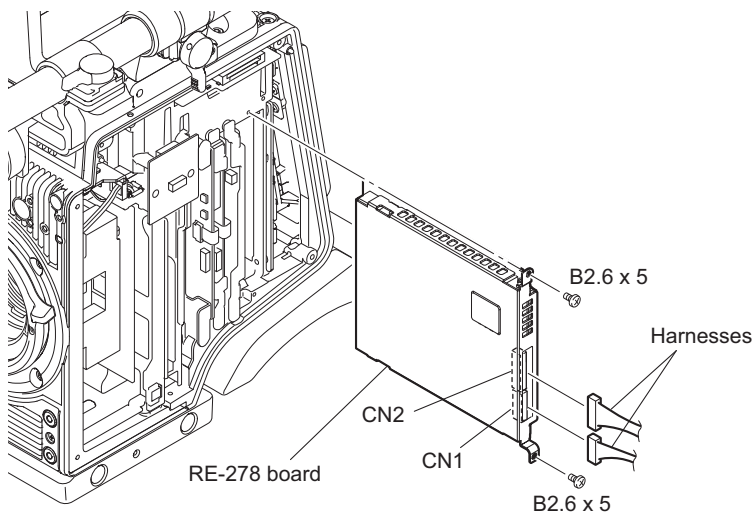
2-7-4. RE-278 Board

Preparation

1. Remove the inside panel. (Refer to “[2-2-1. Inside Panel](#)”.)

Procedure

1. Disconnect the two harnesses from the two connectors (CN1, CN2) on the RE-278 board.
2. Remove the two screws and remove the RE-278 board from the slot.



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

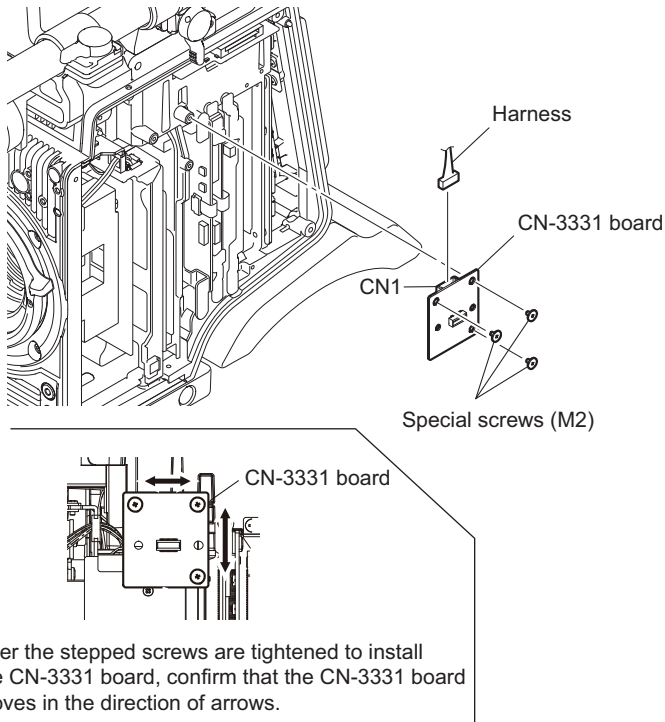
2-7-5. CN-3331 Board

Preparation

1. Remove the inside panel. (Refer to “[2-2-1. Inside Panel](#)”.)

Procedure

1. Remove the three special screws (M2).
2. Disconnect the harness from the connector (CN1) on the CN-3331 board, and remove the CN-3331 board.



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

2-7-6. CCM-66 Board

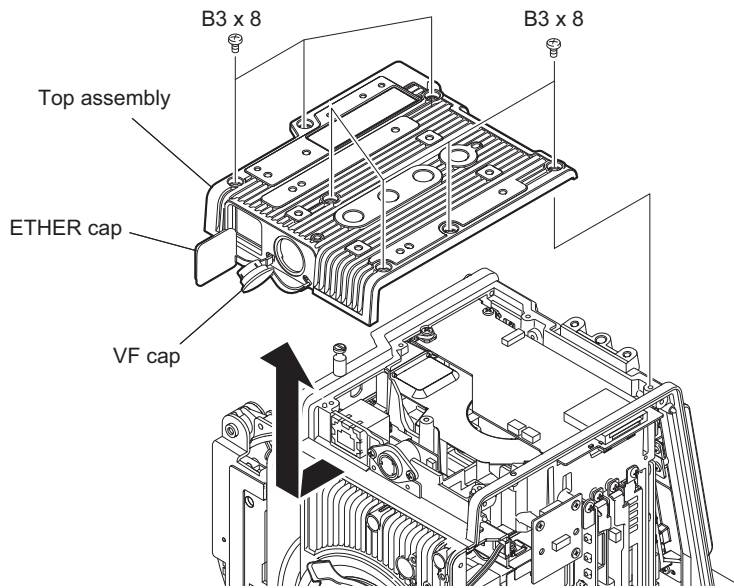
Preparation

1. Remove the handle. (Refer to [“2-3-1. Removing/Reinstalling the Front Assembly”](#).)
2. Remove the inside panel. (Refer to [“2-2-1. Inside Panel”](#).)
3. Remove the outside panel. (Refer to [“2-2-2. Outside Panel”](#).)
4. Remove the DIF duct cover. (Refer to [“2-7-13. PRE-48 Board”](#).)

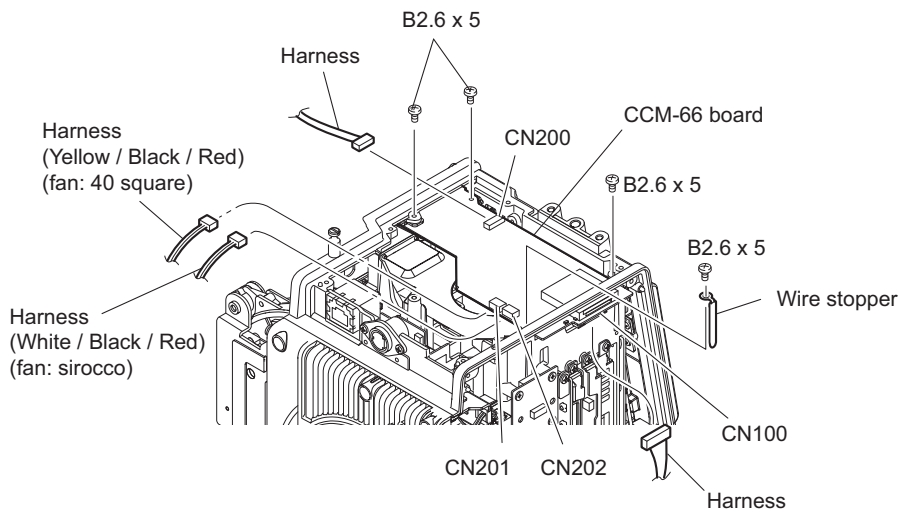
Procedure

1. Open the VF cap and ETHER cap.

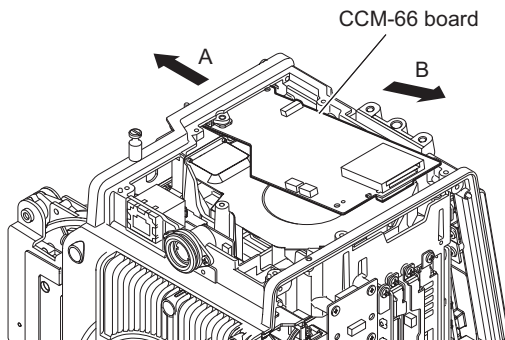
2. Remove the seven screws to detach the top assembly in the direction of arrow.



3. Disconnect the four harnesses from the four connectors (CN100, CN200, CN201, and CN202) on the CCM-66 board.
4. Remove the four screws and a wire stopper.



5. Slide the CCM-66 board in the direction of arrow A and remove the CCM-66 board in the direction of arrow B.



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

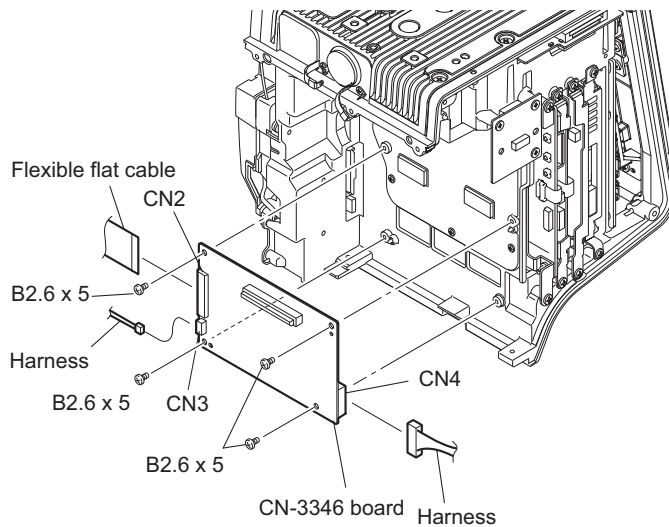
2-7-7. CN-3346 Board

Preparation

1. Remove the front assembly. (Refer to [“2-3-1. Removing/Reinstalling the Front Assembly”](#).)

Procedure

1. Disconnect the two harnesses from the two connectors (CN3, CN4) on the CN-3346 board.
2. Disconnect the flexible flat cable from the connector (CN2) on the CN-3346 board.
3. Remove the four screws to detach the CN-3346 board.



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

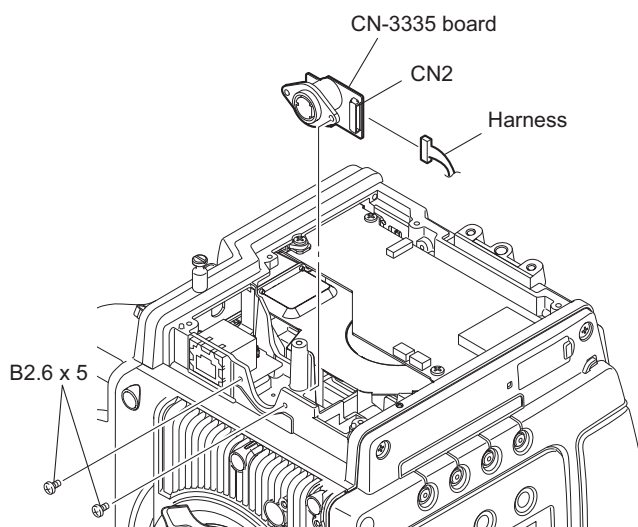
2-7-8. CN-3335 Board

Preparation

1. Remove the handle. (Refer to [“2-3-1. Removing/Reinstalling the Front Assembly”](#).)
2. Remove the top assembly. (Refer to [“2-7-6. CCM-66 Board”](#).)

Procedure

1. Remove the two screws and disconnect the harness from the connector (CN2) on the CN-3335 board.
2. Remove the CN-3335 board.



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

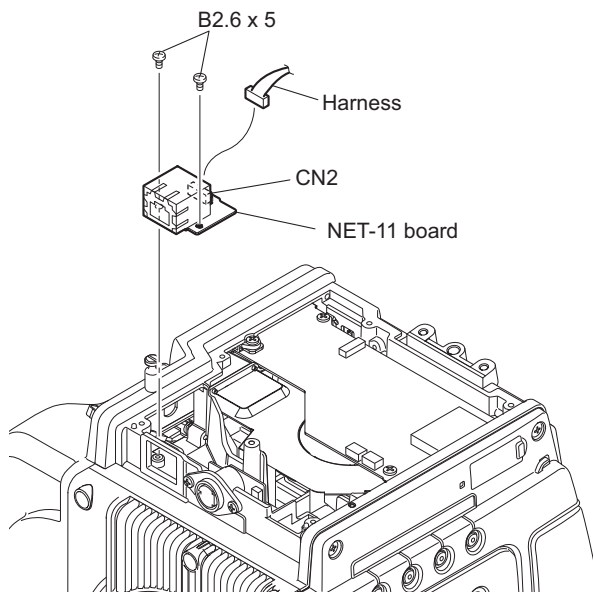
2-7-9. NET-11 Board

Preparation

1. Remove the handle. (Refer to [“2-3-1. Removing/Reinstalling the Front Assembly”](#).)
2. Remove the top assembly. (Refer to [“2-7-6. CCM-66 Board”](#).)

Procedure

1. Disconnect the harness from the connector (CN2) on the NET-11 board.
2. Remove the two screws to detach the NET-11 board.



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

2-7-10. LP-125 Board

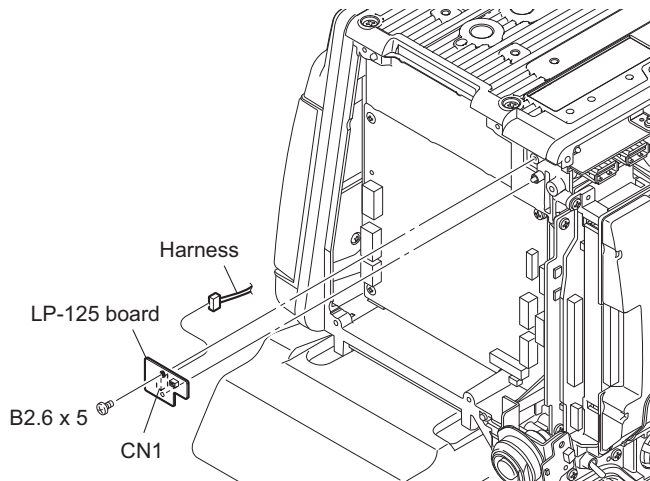
Preparation

1. Remove the rear panel assembly. (Refer to [“2-6-1. Removing/Reinstalling the Rear Panel Assembly”](#).)

Procedure

1. Remove the screw.

2. Disconnect the harness from the connector (CN1) on the LP-125 board, and remove the LP-125 board.



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

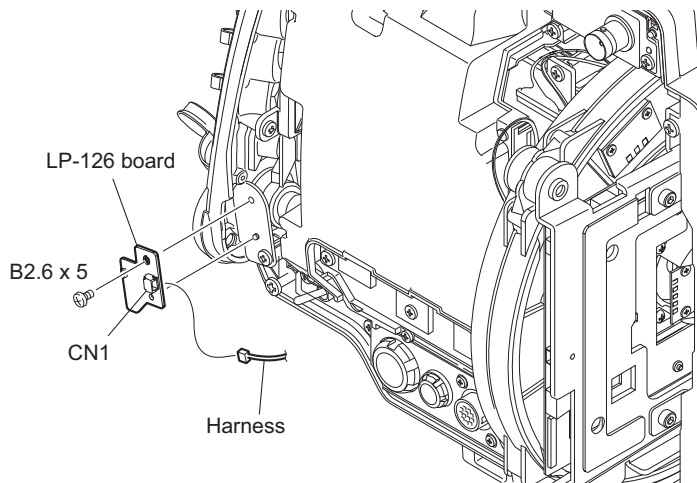
2-7-11. LP-126 Board

Preparation

1. Remove the outside panel. (Refer to [“2-2-2. Outside Panel”](#).)

Procedure

1. Disconnect the harness from the connector (CN1) on the LP-126 board.
2. Remove the screw to detach the LP-126 board.



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

2-7-12. PS-811 Board

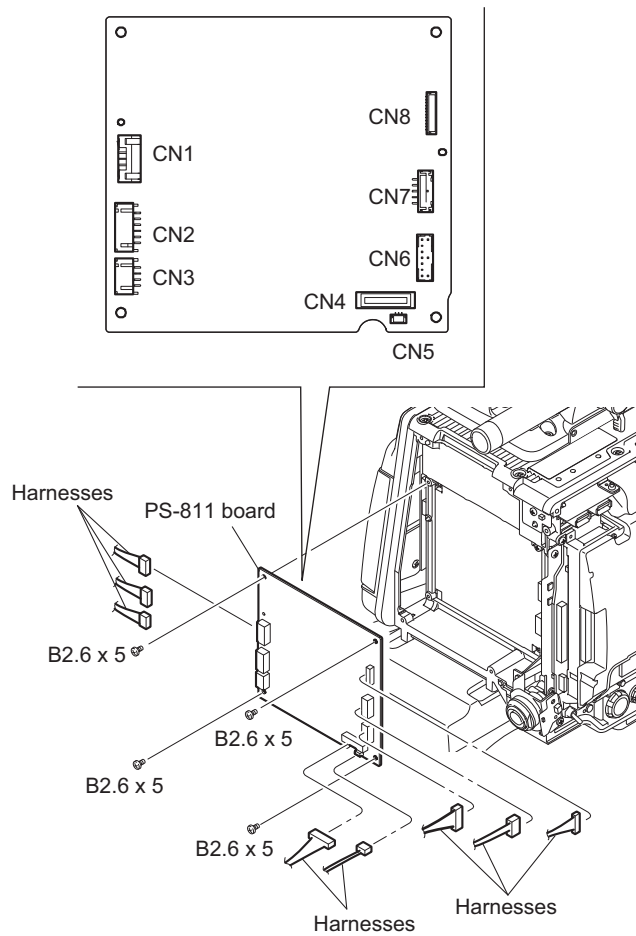
Preparation

1. Remove the rear panel assembly. (Refer to [“2-6-1. Removing/Reinstalling the Rear Panel Assembly”](#).)

Procedure

1. Disconnect the eight harnesses from the connectors (CN1, CN2, CN3, CN4, CN5, CN6, CN7, and CN8) on the PS-811 board.

2. Remove the four screws to detach the PS-811 board.



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

2-7-13. PRE-48 Board

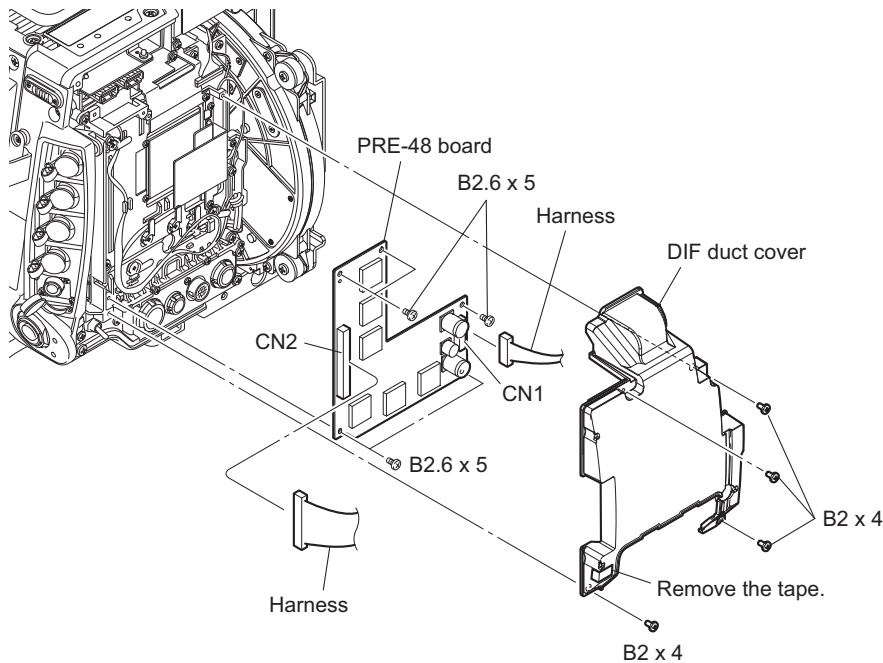
Preparation

1. Remove the outside panel. (Refer to [“2-2-2. Outside Panel”](#).)

Procedure

1. Remove the tape clamping the coaxial cable.
2. Remove the four screws (B2 x 4) to detach the DIF duct cover.
3. Disconnect the two harnesses from the two connectors (CN1, CN2) on the PRE-48 board.

4. Remove the five screws (B2.6 x 5) to detach the PRE-48 board.



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

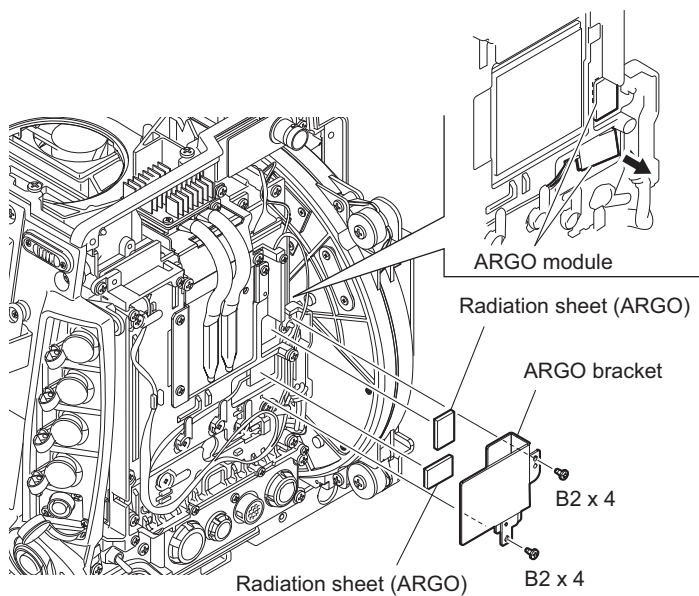
2-7-14. DIF-205 Board

Preparation

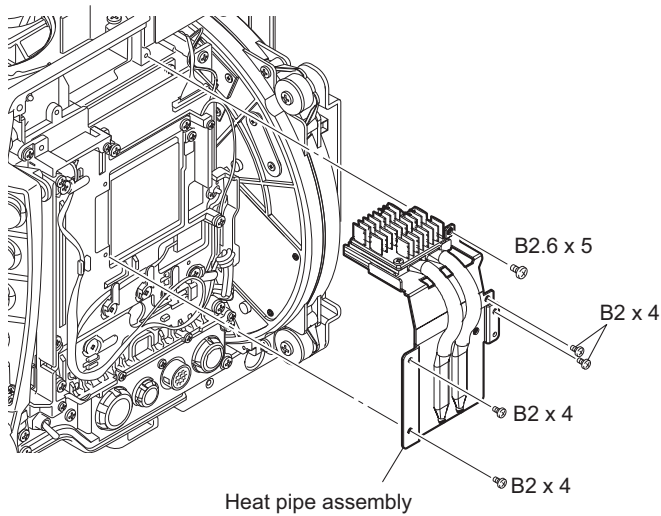
1. Remove the outside panel. (Refer to “2-2-2. Outside Panel”.)
2. Remove the PRE-48 board. (Refer to “2-7-13. PRE-48 Board”.)

Procedure

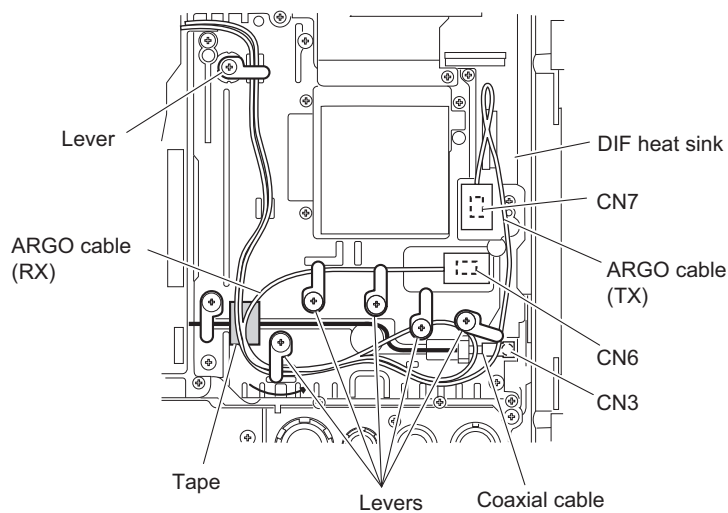
1. Remove the two screws to detach the ARGO bracket and the two radiation sheets (ARGO).
2. Disconnect the ARGO module from the connector on the DIF-205 board while lifting the edge of the board.



3. Remove the four screws (B2 x 4) and the screw (B2.6 x 5) to detach the heat pipe assembly.



4. Remove the tape clamping the coaxial cable.
5. Turn the lever on the DIF heatsink to the release side, and disconnect the ARGO cable (RX), ARGO cable (TX) and the coaxial cable from the connectors (CN3, CN6 and CN7) on the DIF-205 board.

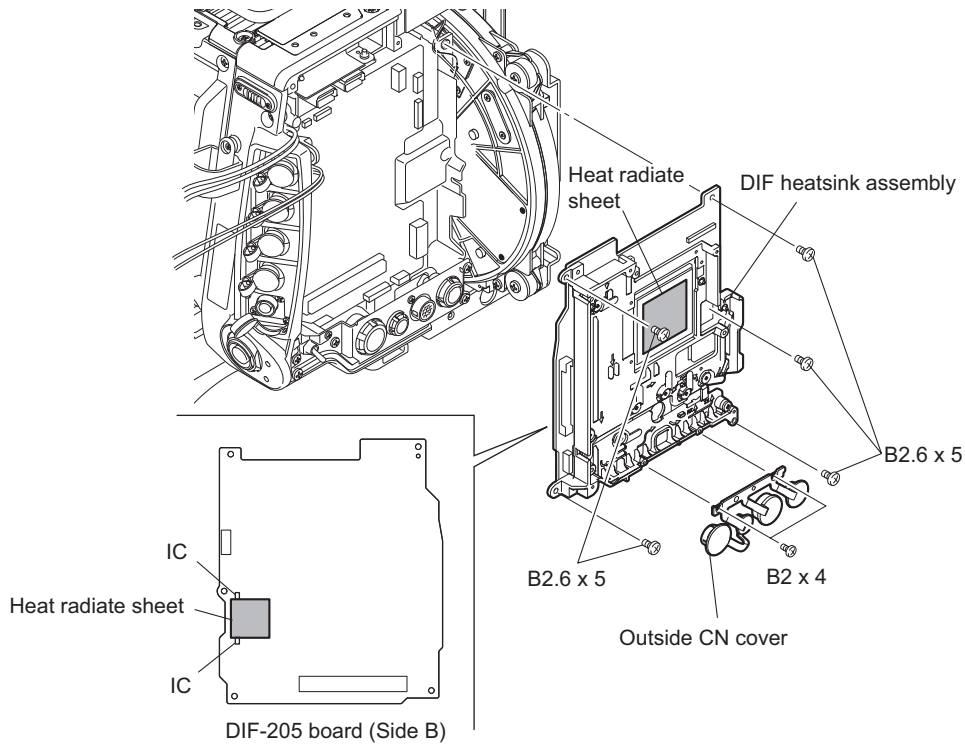


Note

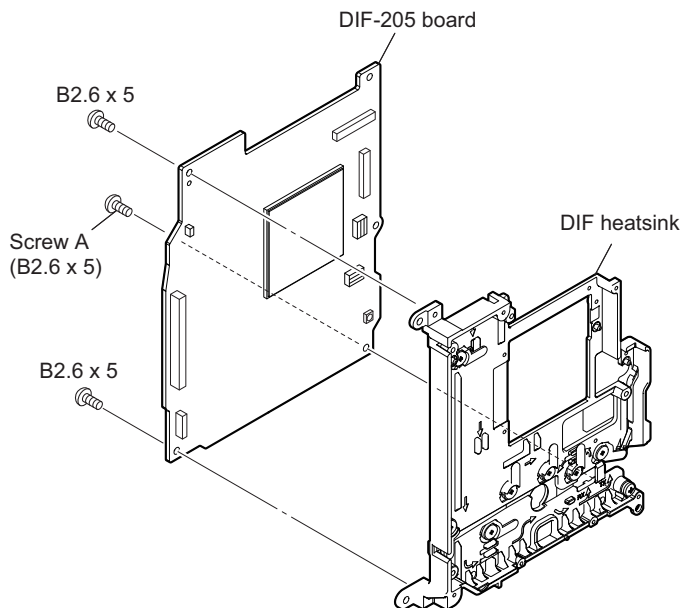
When reconnecting the ARGO cable and the coaxial cable, refer to [“2-10. Routing Harnesses”](#).

6. Remove the two screws (B2 x 4) to detach the outside CN cover.
7. Remove the five screws (B2.6 x 5) to detach the DIF heatsink assembly.

8. Remove the two heat radiate sheet from the DIF-205 board.



9. Remove the three screws to detach the DIF-205 board from the DIF heatsink.



Note

When installing the DIF-205 board, tighten screw A first.

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

2-7-15. SIO-32 Board

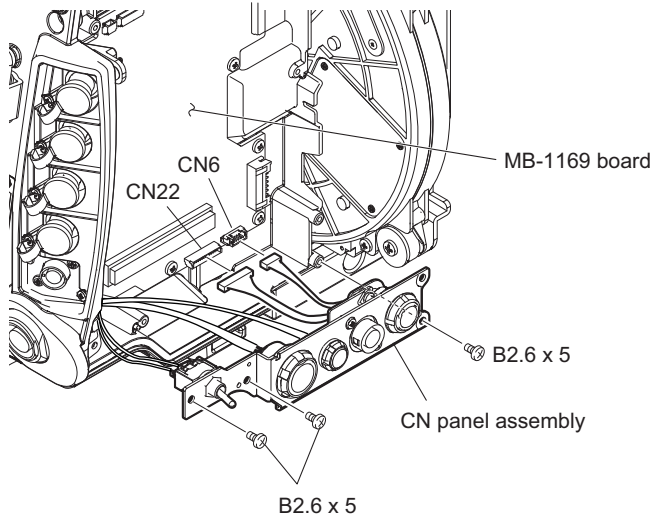
Preparation

1. Remove the outside panel. (Refer to [“2-2-2. Outside Panel”](#).)
2. Remove the PRE-48 board. (Refer to [“2-7-13. PRE-48 Board”](#).)

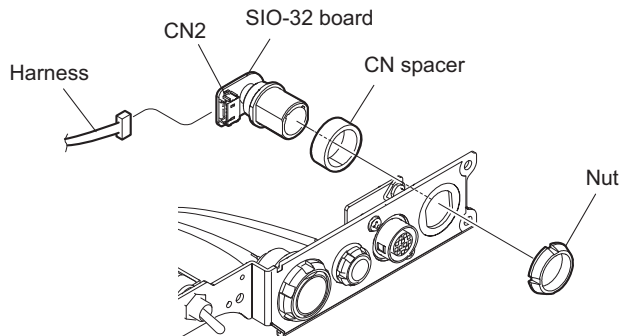
3. Remove the DIF heatsink assembly. (Refer to “2-7-14. DIF-205 Board”.)

Procedure

1. Disconnect the two harnesses from the two connectors (CN6, and CN22) on the MB-1169 board.
2. Remove the three screws to detach the CN panel assembly.



3. Remove the nut to detach the CN spacer and the SIO-32 board.
4. Disconnect the harness from the connector (CN2) on the SIO-32 board.



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

2-7-16. CN-3336 Board

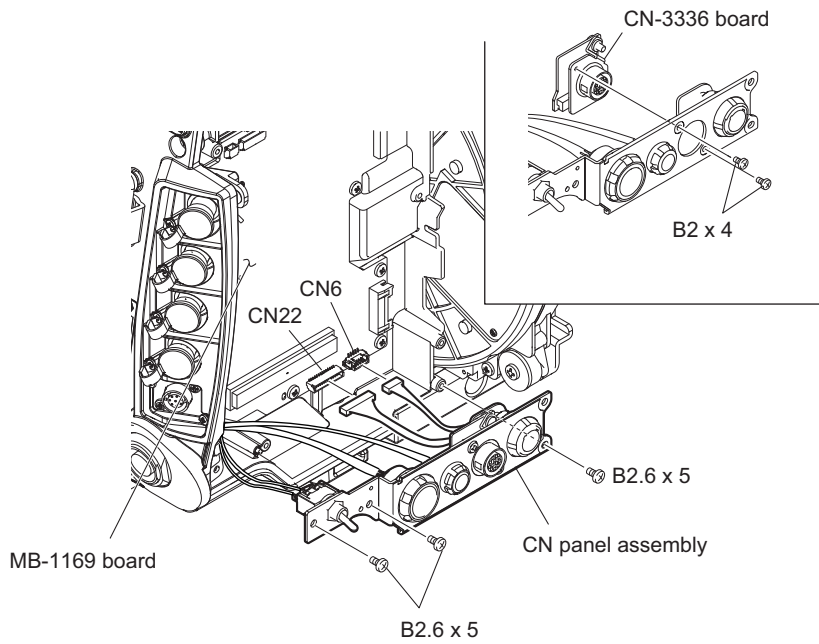
Preparation

1. Remove the outside panel. (Refer to “2-2-2. Outside Panel”.)
2. Remove the PRE-48 board. (Refer to “2-7-13. PRE-48 Board”.)
3. Remove the DIF heatsink assembly. (Refer to “2-7-14. DIF-205 Board”.)

Procedure

1. Disconnect the two harnesses from the two connectors (CN6, CN22) on the MB-1169 board.
2. Remove the three screws (B2.6 x 5) to detach the CN panel assembly.

3. Remove the two screws (B2 x 4) to detach the CN-3336 board.



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

2-7-17. MB-1169 Board

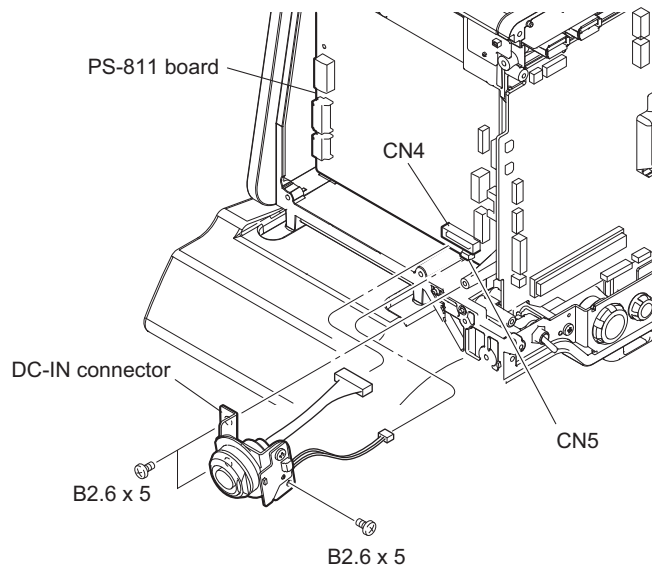
Preparation

1. Remove the outside panel. (Refer to [“2-2-2. Outside Panel”](#).)
2. Remove the inside panel. (Refer to [“2-2-1. Inside Panel”](#).)
3. Remove the VDA-71 board. (Refer to [“2-7-1. VDA-71 Board”](#).)
4. Remove the SY-393 board. (Refer to [“2-7-2. SY-393 Board”](#).)
5. Remove the AT-185 board. (Refer to [“2-7-3. AT-185 Board”](#).)
6. Remove the RE-278 board. (Refer to [“2-7-4. RE-278 Board”](#).)
7. Remove the PRE-48 board. (Refer to [“2-7-13. PRE-48 Board”](#).)
8. Remove the DIF-205 board. (Refer to [“2-7-14. DIF-205 Board”](#).)
9. Remove the front assembly. (Refer to [“2-3-1. Removing/Reinstalling the Front Assembly”](#).)
10. Remove the CN-3346 board. (Refer to [“2-7-7. CN-3346 Board”](#).)
11. Remove the rear panel assembly. (Refer to [“2-6-1. Removing/Reinstalling the Rear Panel Assembly”](#).)

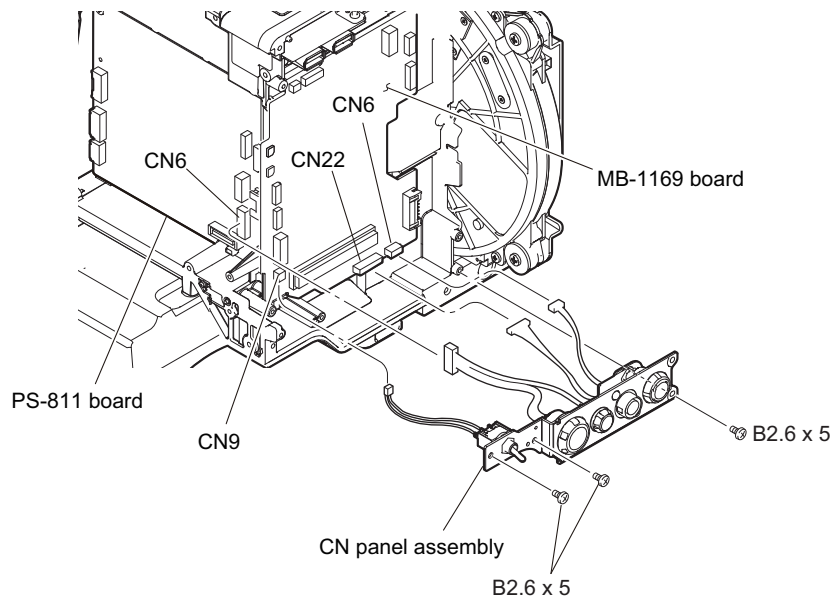
Procedure

1. Remove the three screws (B2.6 x 5) and release the DC-IN connector.

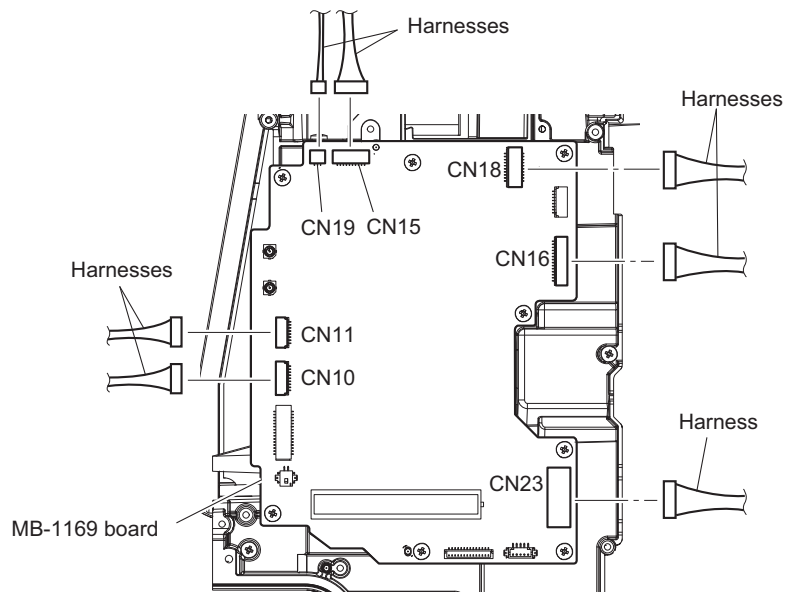
2. Disconnect the two harnesses from the two connectors (CN4, CN5) on the PS-811 board.



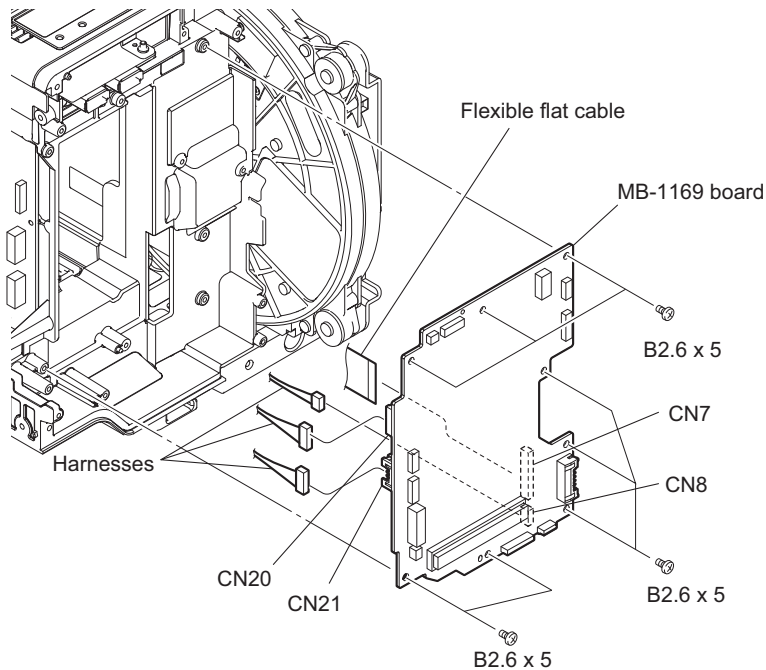
3. Disconnect the harness from the connector (CN6) on the PS-811 board.
4. Disconnect the three harnesses from the three connectors (CN6, CN9, and CN22) on the MB-1169 board.
5. Remove the three screws to detach the CN panel assembly.



6. Disconnect the seven harnesses from the seven connectors (CN10, CN11, CN15, CN16, CN18, CN19, and CN23) on the MB-1169 board.



7. Remove the eight screws to detach the MB-1169 board.
8. Disconnect the flexible flat cable from the connector (CN7) on the MB-1169 board.
9. Disconnect the three harnesses from the three connectors (CN8, CN20, and CN21) on the MB-1169 board.



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

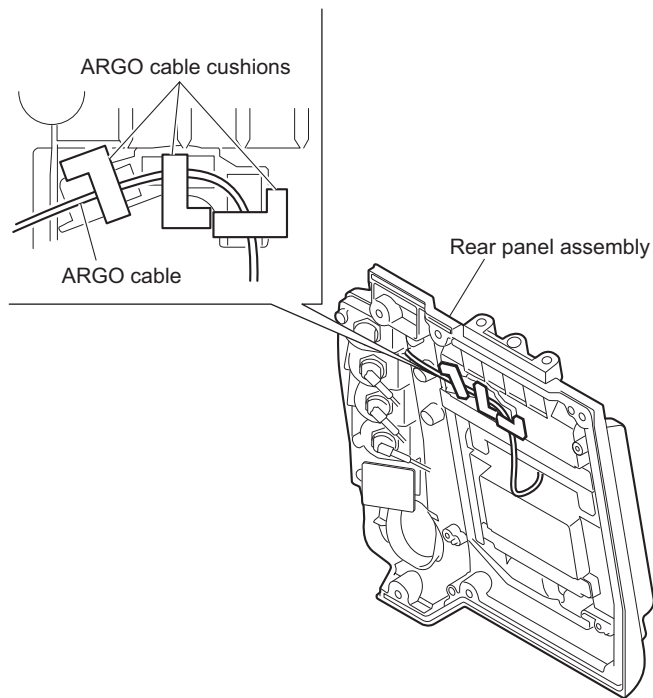
2-8. Optical Connector (ARGO Cable)

Preparation

1. Remove the inside panel. (Refer to “2-2-1. Inside Panel”.)
2. Remove the outside panel. (Refer to “2-2-2. Outside Panel”.)
3. Remove the PRE-48 board. (Refer to “2-7-13. PRE-48 Board”.)
4. Remove the DIF heatsink assembly. (Refer to “2-7-14. DIF-205 Board”.)
5. Remove the rear panel assembly. (Refer to “2-6-1. Removing/Reinstalling the Rear Panel Assembly”.)
6. Remove the Harness cover (rear). (Refer to “2-6-2. CN-3330 Board”.)

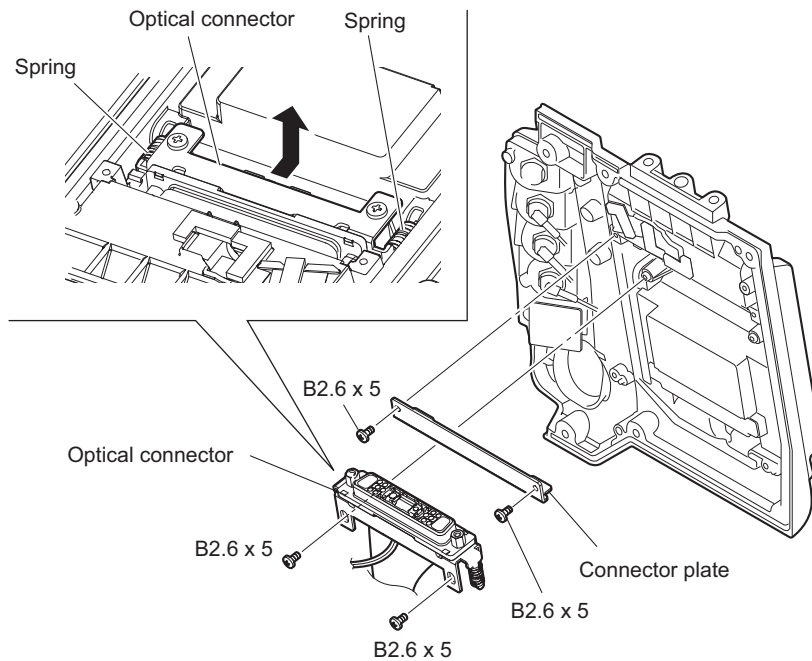
Procedure

1. Release the ARGO cable from the three ARGO cable cushions on the rear panel assembly.



2. Remove the two screws to detach the connector plate.
3. Remove the two screws.

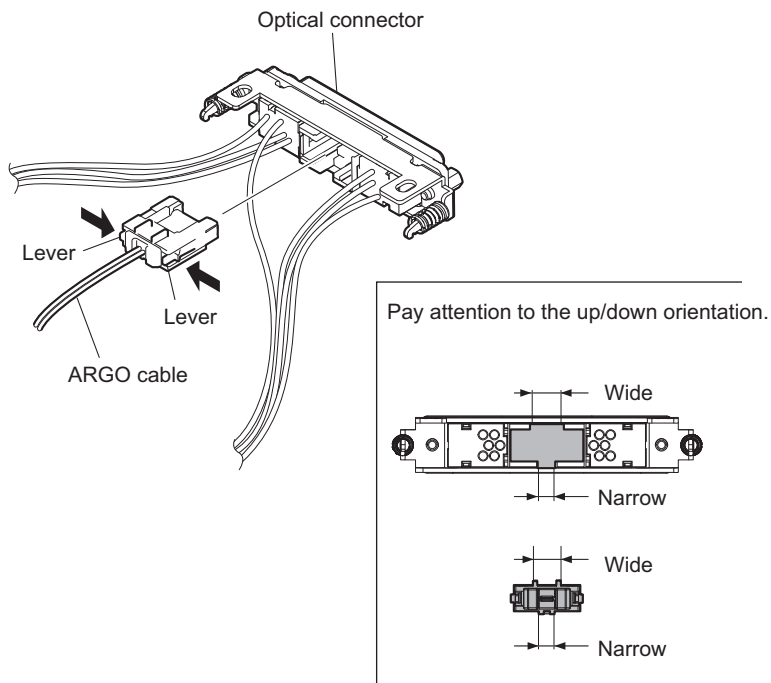
4. Push the optical connector in the direction of arrow and disconnect it while compressing the spring.



5. Push the side levers on the ARGO cable connector in the direction of arrows to unlock it and disconnect it from the optical connector.

Note

When reconnecting the ARGO cable to the optical connector, pay attention to the orientation of the connector.



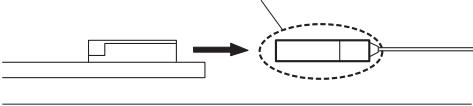
2-9. Disconnecting/Connecting Coaxial Cables

2-9-1. Coaxial Cable with Connector

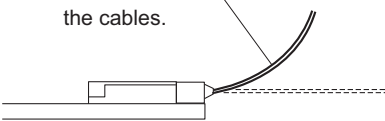
Notes on Disconnecting

Fine-pitch coaxial cables are used as coaxial cables with connector. Be careful when handling the cable. When disconnecting the coaxial cable with connector, be sure to hold the connector. Do not pull the cable.

OK Hold the connector to remove.

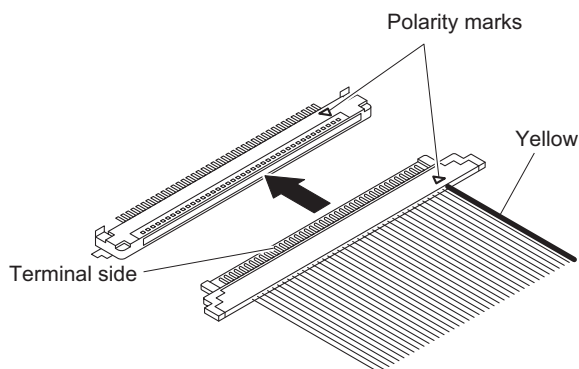


NG Do not attempt to remove by pulling the cables.

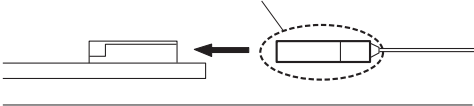


Notes on Connecting

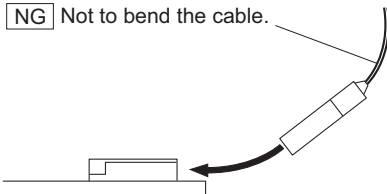
When connecting the coaxial cable with connector, hold the connector matching the polarity marks and insert the coaxial cable straight into the corresponding connector.



OK Hold the connector to connect.



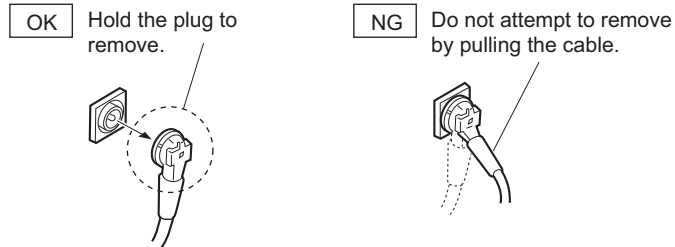
NG Not to bend the cable.



2-9-2. Coaxial Cable

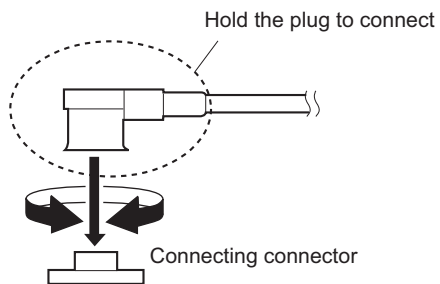
Notes on Disconnecting

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



Notes on Connecting

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

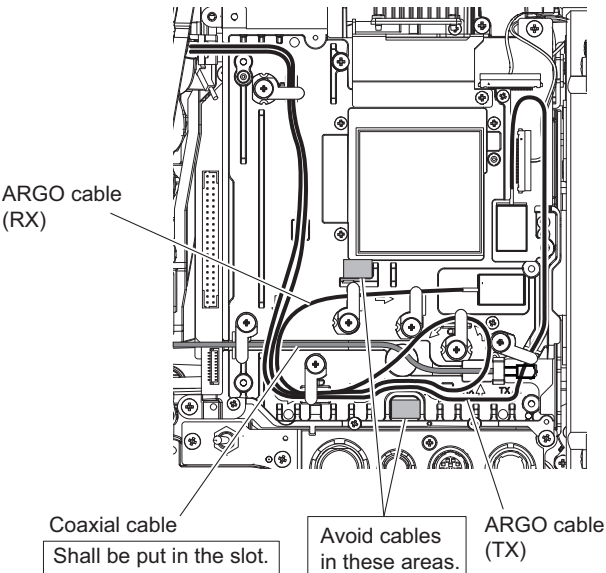


2-10. Routing Harnesses

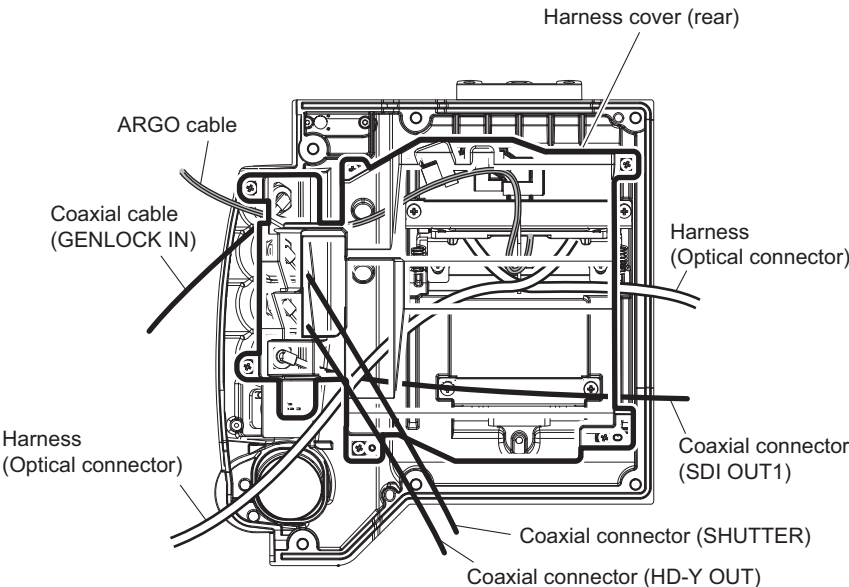
Note

Be sure to turn off the power before repairing or replacing parts.

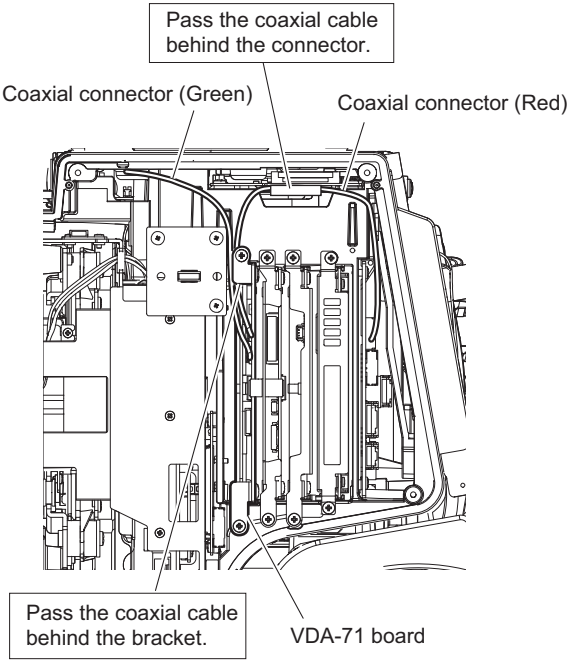
DIF Heatsink



Rear Panel Assembly



Periphery of VDA-71 board



Section 3

Electrical Alignment

This section will shortly be described.

Section 4

Service Menu

This section will shortly be described.

Section 5

Spare Parts

5-1. 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

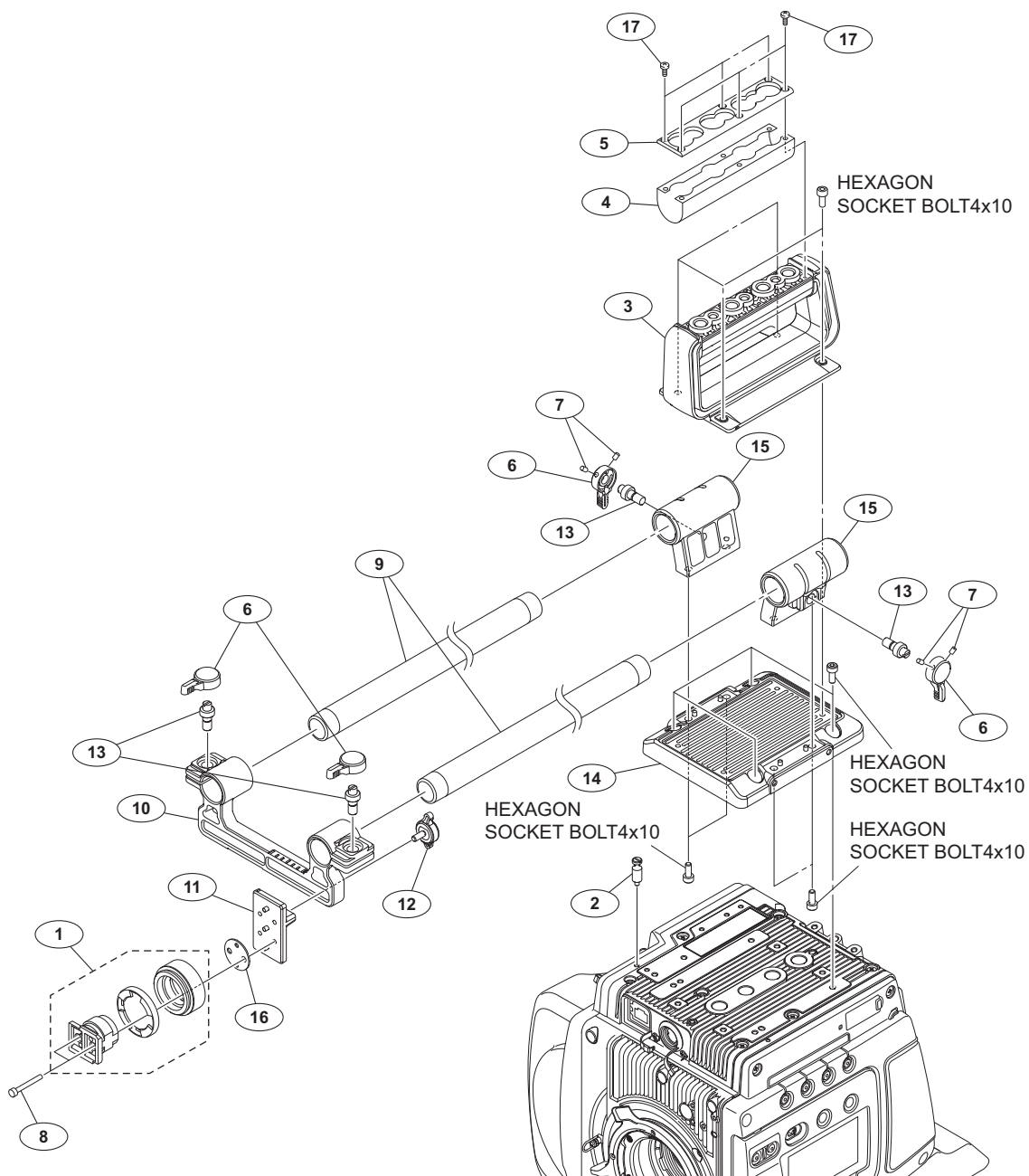
部品表の SP (Supply code) 欄に “o” で示される部品は在庫していないことがあります。納期が長くなる場合があります。

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。

5-2. Exploded Views

Handle/VF Block



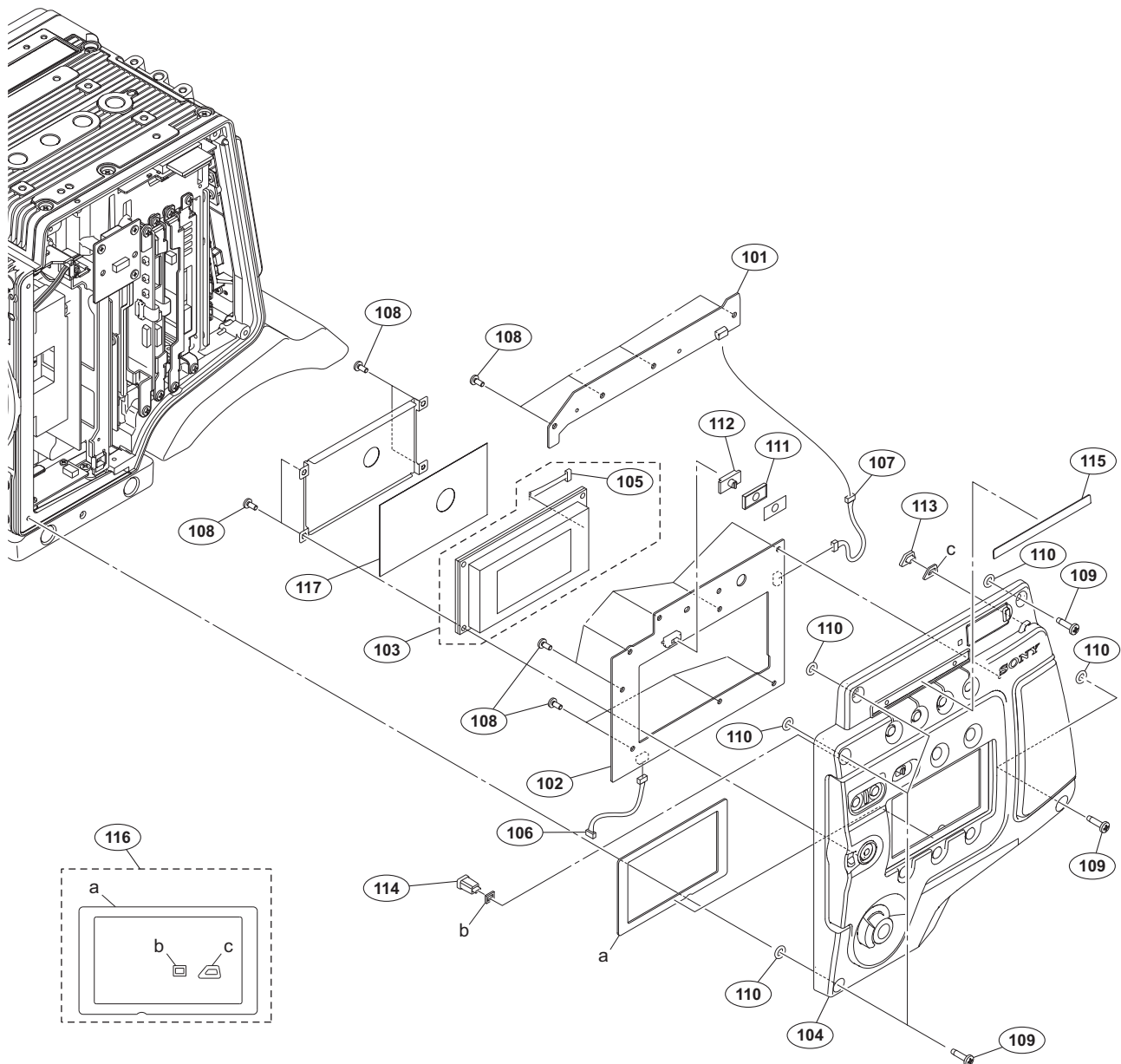
No.	Part No.	SP Description
1	A-8278-412-J	s SHOE ASSY, VF
2	3-097-899-01	s MEASURE HOOK
3	3-098-573-02	s HANDLE
4	3-098-575-02	s SHEET, HANDLE
5	3-098-576-02	s TOP COVER, HANDLE

6	3-673-046-03	s LEVER, LOCK
7	3-701-508-01	s SET SCREW, DOUBLE POINT 3X6
8	3-711-765-01	s BOLT (M3), HEXAGON SOCKET
9	4-413-424-01	s ROD (IN), HANDLE
10	4-413-427-01	s BASE, VF SLIDE
11	4-413-428-01	s PANEL, VF SLIDE
12	4-413-429-01	s SCREW, SLIDE LOCK
13	4-413-430-01	s SCREW, PIPE LOCK
14	4-413-446-01	s BASE, HANDLE

No.	Part No.	SP Description
15	4-413-447-01	s BASE, PIPE
16	4-413-470-01	s SPACER, VF
17	4-644-492-72	s ACE (M2), LOCK

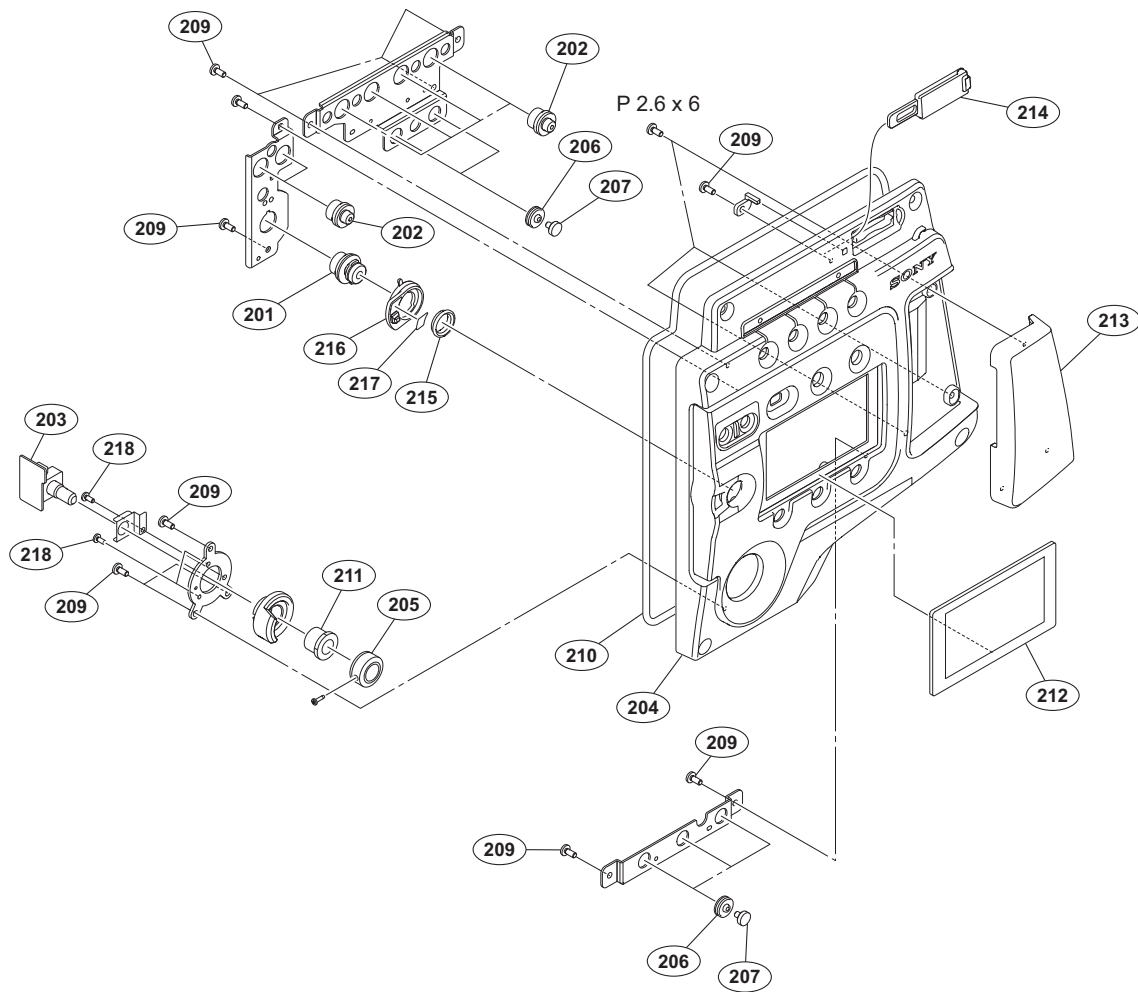
7-683-420-04 s BOLT, HEXAGON SOCKET 4X10

Inside Panel Block-1



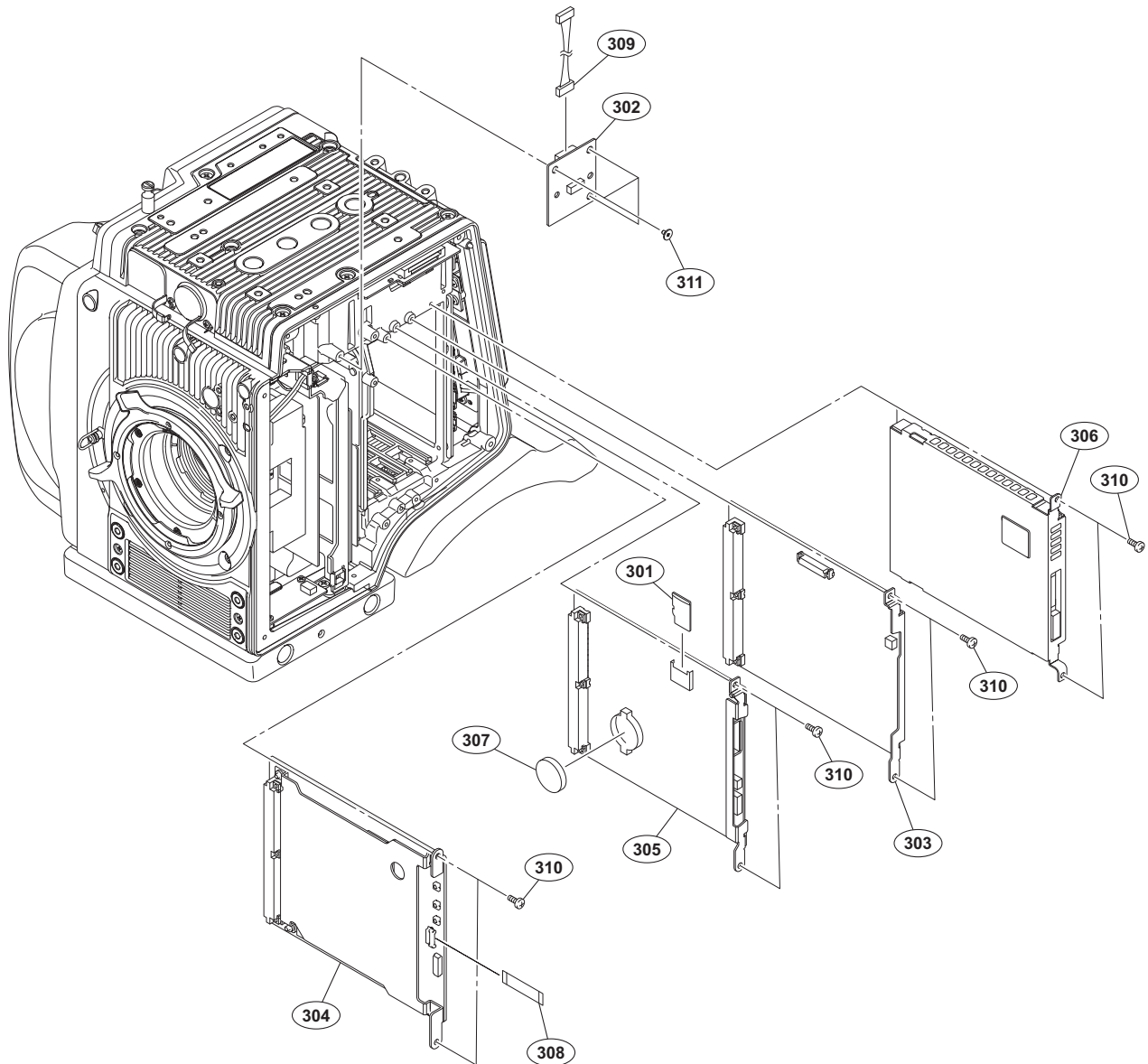
No.	Part No.	SP Description
101	A-1850-190-A s	MOUNTED CIRCUIT BOARD, SW-1513
102	A-1850-193-A s	MOUNTED CIRCUIT BOARD, SW-1502
103	A-1860-280-A s	VFD ASSY
104	A-1872-941-A s	PANEL ASSY (RP), INSIDE
105	1-968-164-11 s	HARNESS, SUB (INSIDE VFD)
106	1-968-168-11 s	HARNESS, SUB (INSIDE RE)
107	1-968-172-11 s	HARNESS, SUB (INSIDE ASSIGN)
108	3-364-941-01 s	SCREW (+B) (2.6X5), NYLOK
109	3-603-680-02 s	STAINLESS SCREW +B3X12
110	3-672-250-01 s	RING (M2.6), O
111	3-796-995-01 s	DROP PROTECTION (SW)
112	3-796-996-03 s	KNOB (A), SW
113	4-413-391-01 s	LED LENS DOCK
114	4-413-396-01 s	LED LENS SYS
115	4-413-412-01 s	SHEET ASSIGN
116	4-413-433-01 s	CUSHION ASSY, INSIDE
117	4-420-731-01 s	INSULATING SHEET (VFD)

Inside Panel Block-2



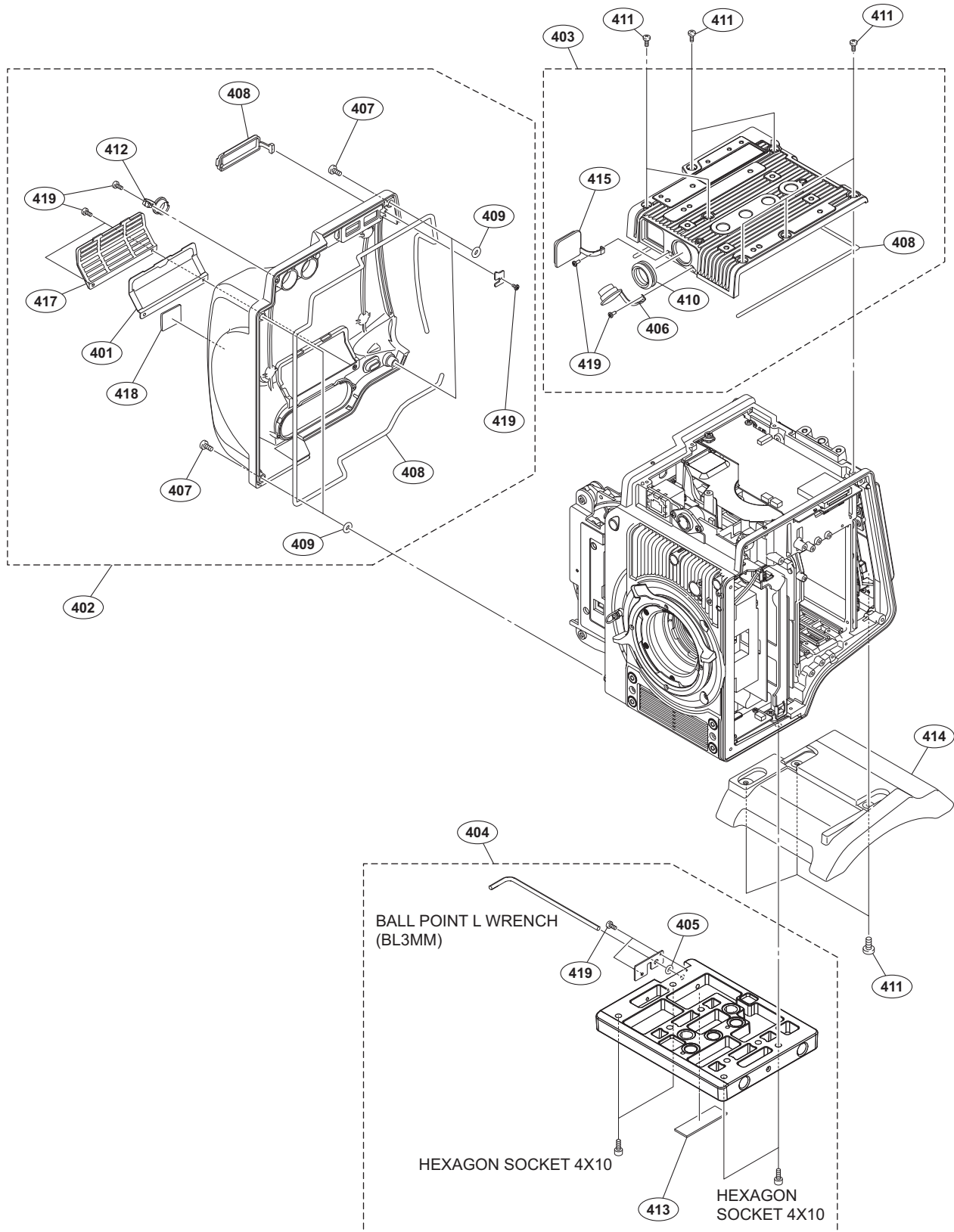
No.	Part No.	SP Description
201	X-2583-539-1	s REC SW ASSY
202	X-2583-540-1	s LIGHT SW ASSY
203	A-1850-191-A	s MOUNTED CIRCUIT BOARD, SW-1514
204	A-1872-941-A	s PANEL ASSY (RP), INSIDE
205	3-096-964-02	s ROTARY ENCODER KNOB
206	3-096-972-01	s COVER, SW
207	3-096-982-01	s COVER (L), SW
209	3-364-941-01	s SCREW (+B) (2.6X5), NYLOK
210	3-624-455-01	s TUBE, SHIELD
211	3-629-446-04	s SLEEVE (ENC2)
212	4-413-378-01	s COVER VFD
213	4-413-390-01	s SIDE PAD
214	4-413-395-01	s MS COVER
215	4-413-413-03	s RING REC
216	4-413-414-01	s ROCK LEVER REC
217	4-413-416-01	s LABEL LOCK
218	4-644-492-72	s ACE (M2), LOCK
	7-685-133-11	s SCREW +P 2.6X6 TYPE2

Slot Block



No.	Part No.	SP Description
301	A-1796-805-A s	NEX-U212
302	A-1850-196-A s	MOUNTED CIRCUIT BOARD, CN-3331
303	A-1851-615-A s	MOUNTED CIRCUIT BOARD, AT-185
304	A-1851-619-A s	MOUNTED CIRCUIT BOARD, VDA-71
305	A-1851-621-A s	MOUNTED CIRCUIT BOARD, SY-393
306	A-1851-678-A s	MOUNTED CIRCUIT BOARD, RE-278
307	 1-528-174-72 s	BATTERY, LITHIUM (CR2032 TYPE)
308	1-831-666-11 s	CABLE, FLEXIBLE FLAT (15 CORE)
309	1-968-180-11 s	HARNESS, SUB (INSIDE MAIN)
310	3-364-941-01 s	SCREW (+B) (2.6X5), NYLOK
311	3-965-077-02 s	SCREW, SPECIAL (M2)

Top/Outside Panel Block



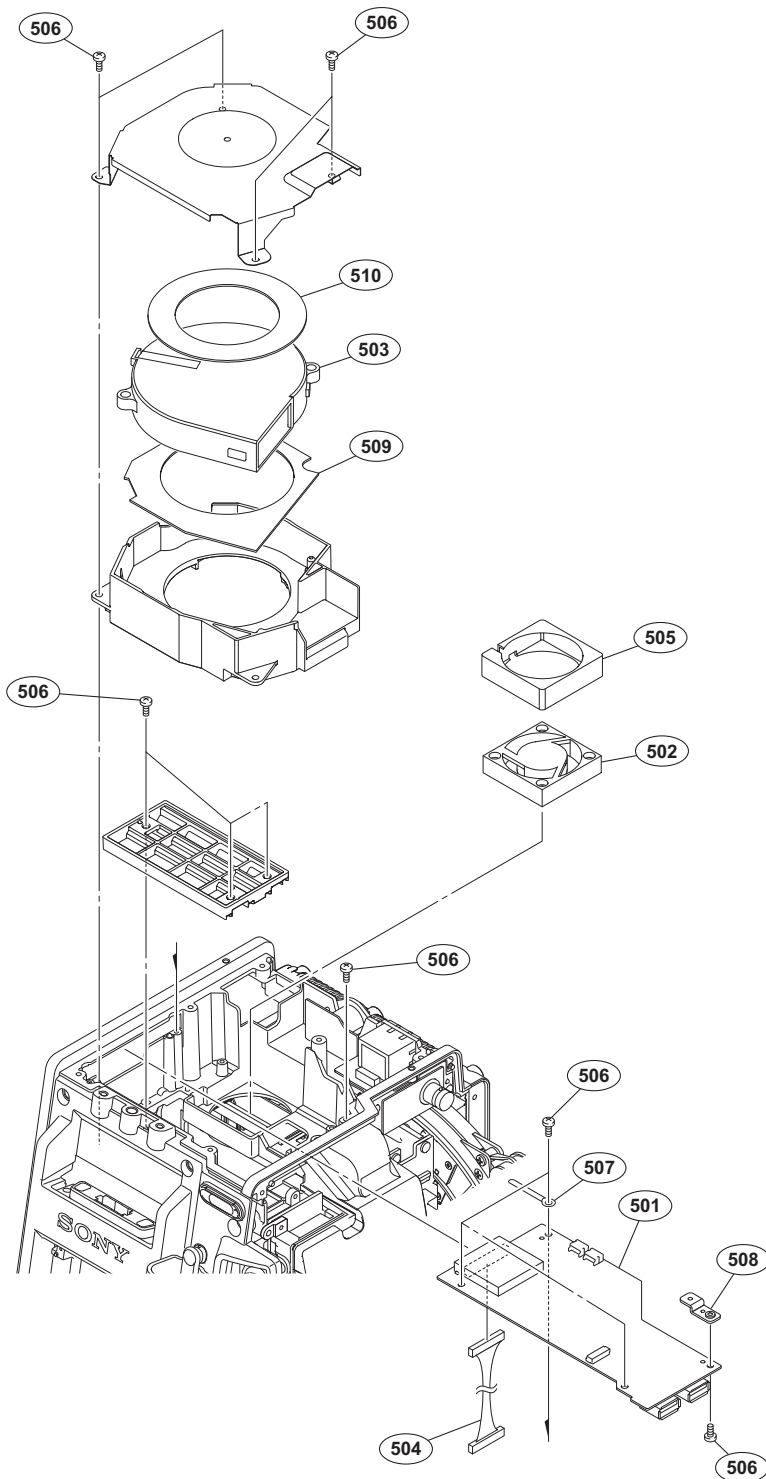
No.	Part No.	SP Description
401	X-2583-542-1 s	ASSY, MESH BRACKET
402	A-1857-239-A s	OUTSIDE PANEL (RS) ASSY (F65RS)
	A-1860-420-A s	OUTSIDE PANEL ASSY (F65)
404	A-1860-424-A s	RISER PLATE ASSY
405	2-664-171-01 s	O RING (D3)

No.	Part No.	SP Description
406	3-113-815-01 s	CAP, VF
407	3-603-680-02 s	STAINLESS SCREW +B3X12
408	3-624-455-01 s	TUBE, SHIELD
409	3-672-250-01 s	RING (M2.6), O
410	3-710-024-02 s	PACKING, VF

Top/Outside Panel Block

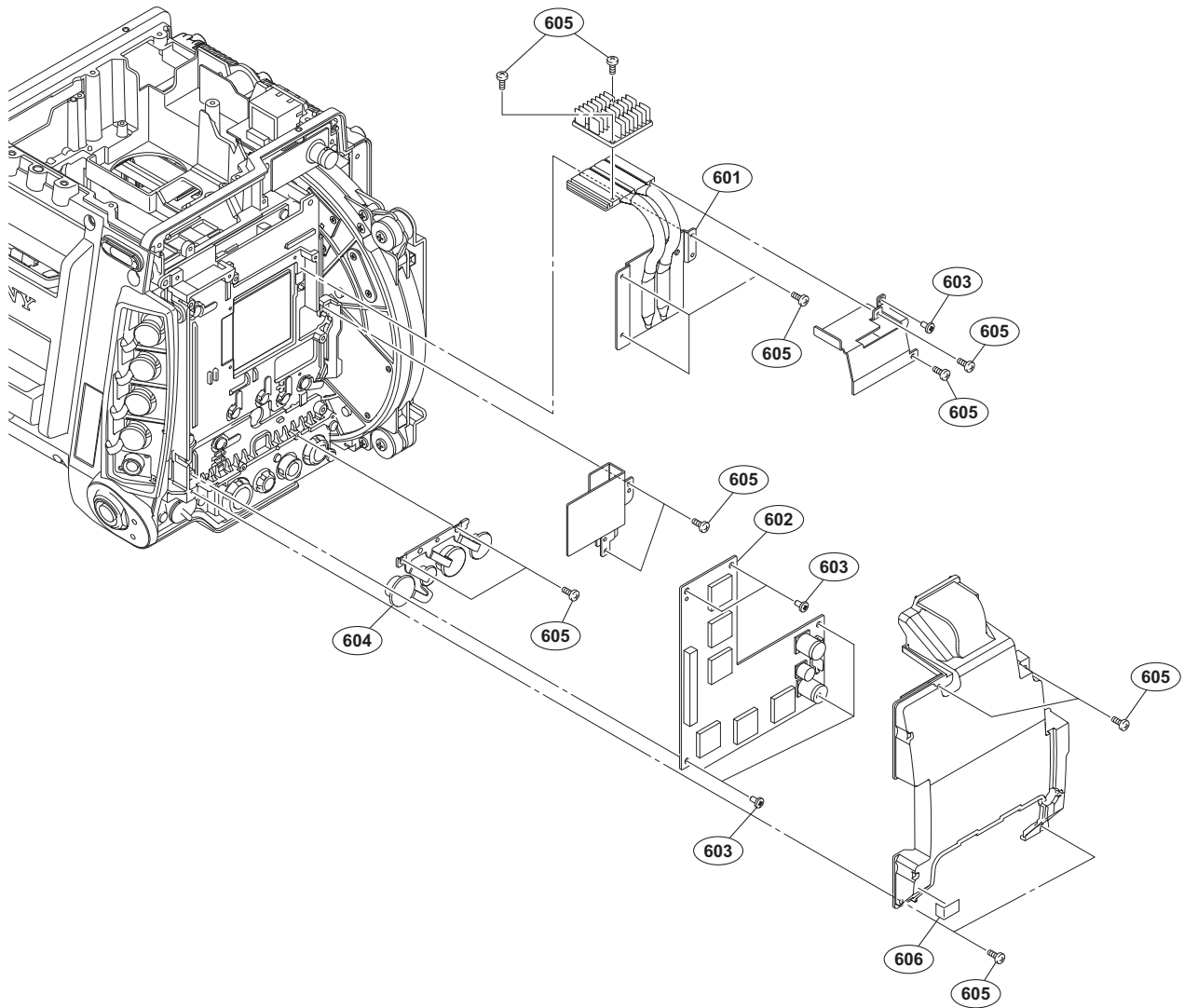
No.	Part No.	SP Description
411	3-742-074-13 s	SCREW (+B 3X8)
412	3-872-935-01 s	CAP, BNC
413	4-104-998-01 s	CUSHION HDRV
414	4-413-382-01 s	PAD, SHOULDER
415	4-413-418-01 s	CAP, ETHER
416	4-413-445-01 s	COVER, USB
417	4-413-479-01 s	COVER, EXHAUST VENT
418	4-415-168-01 s	EMBLEM, CINEALTA
419	4-644-492-72 s	ACE (M2), LOCK
	7-683-420-04 s	BOLT, HEXAGON SOCKET 4X10
	7-721-130-54 s	WRENCH, BALL POINT L (BL3MM)

Fan Block



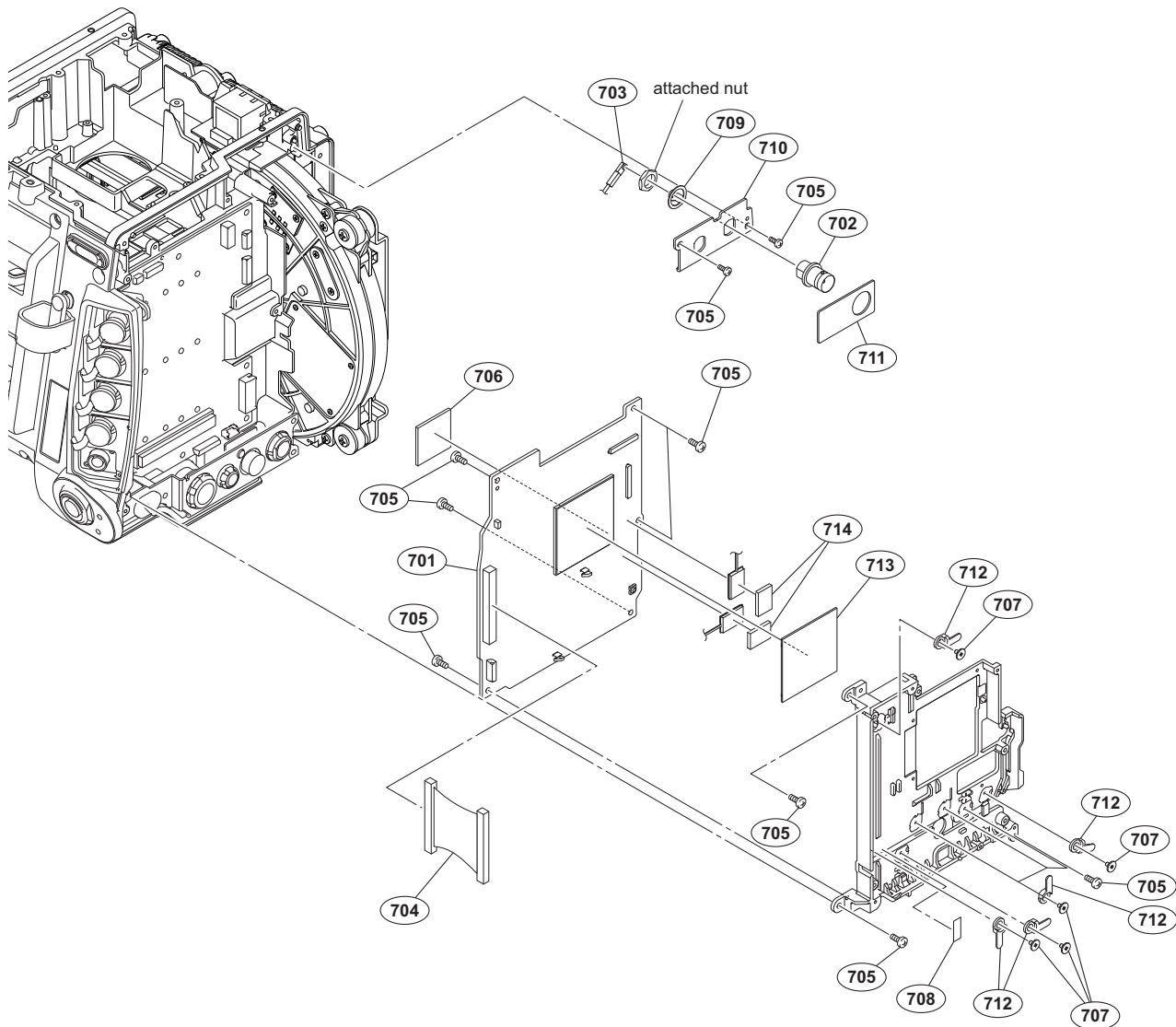
No.	Part No.	SP Description
501	A-1851-614-A	s MOUNTED CIRCUIT BOARD, CCM-66
502	 1-787-929-11	s FAN, DC (40 SQUARE)
503	 1-855-166-11	s FAN, DC (SIROCCO)
504	1-968-167-11	s HARNESS, SUB (USB/MS/SD)
505	3-097-054-02	s CUSHION, FAN (40X10)
506	3-364-941-01	s SCREW (+B) (2.6X5), NYLOK
507	3-701-822-01	s HOLDER, WIRE
508	4-413-402-01	s PLATE, CCM FITTING
509	4-413-420-01	s CUSHION (1), FAN
510	4-413-421-01	s CUSHION (2), FAN

DRE Block



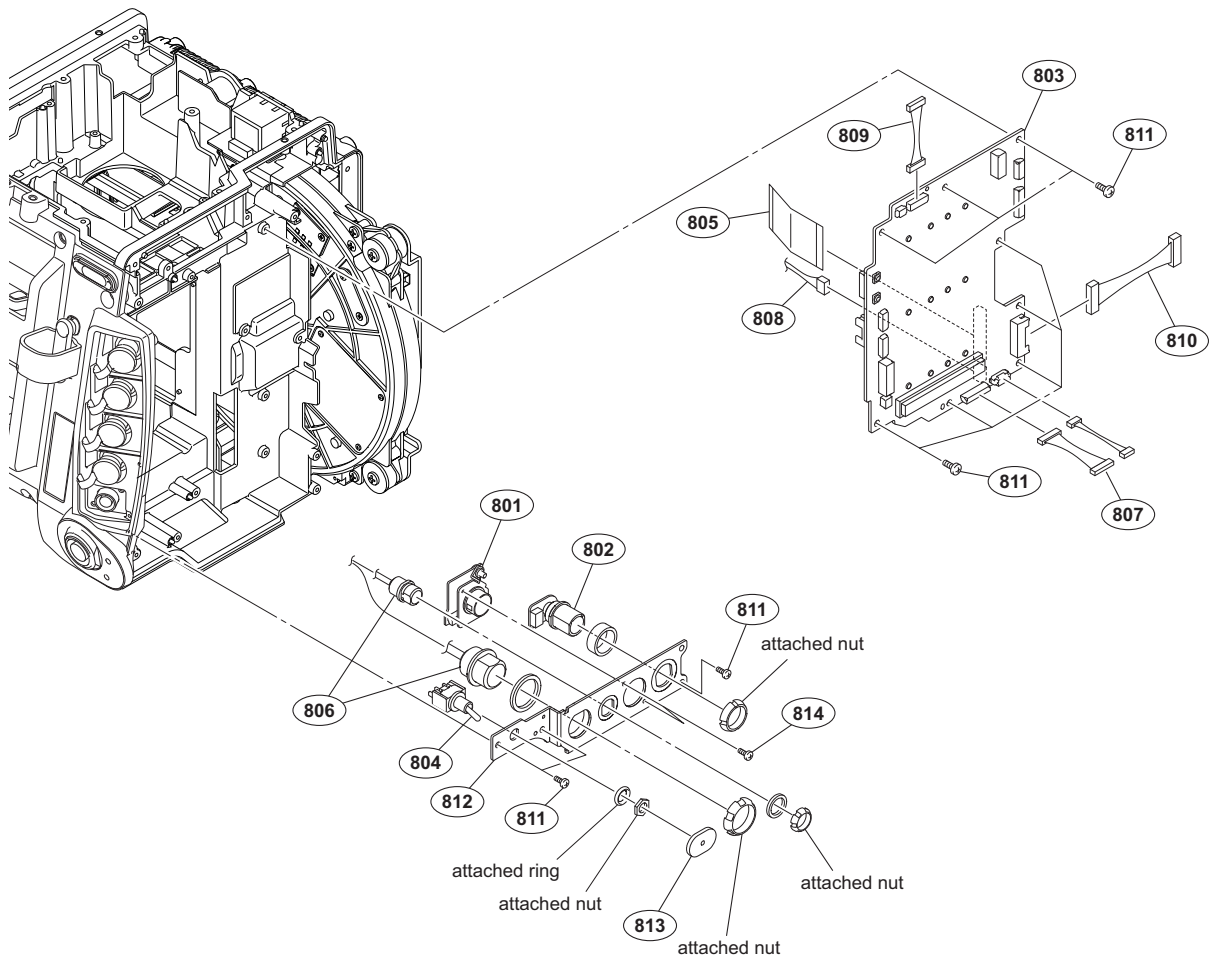
No.	Part No.	SP Description
601	X-2583-541-1 s	HEAT PIPE ASSY
602	A-1851-616-A s	MOUNTED CIRCUIT BOARD, PRE-48
603	3-364-941-01 s	SCREW (+B) (2.6X5), NYLOK
604	4-413-444-01 s	OUTSIDE CN COVER (LOWER)
605	4-644-492-72 s	ACE (M2), LOCK
606	3-878-890-02 s	TAPE (SWC48)

DIF Block



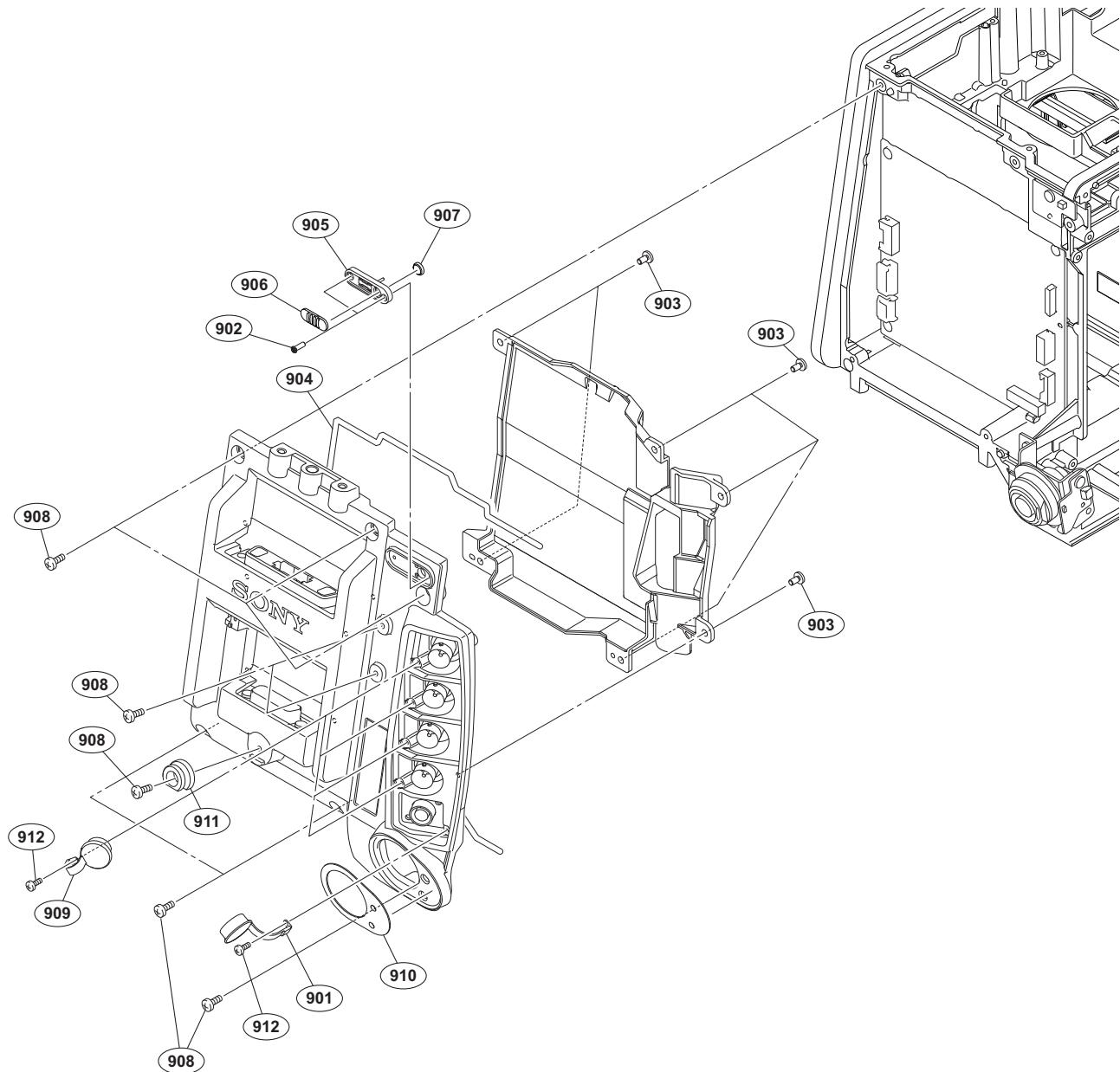
No.	Part No.	SP Description
701	A-1851-623-A s	MOUNTED CIRCUIT BOARD, DIF-205
702	1-784-240-11 s	CONVERTER, COAXIAL CONNECTOR
703	1-835-367-11 s	CABLE ASSEMBLY, COAXIAL
704	1-968-188-11 s	HARNESS, SUB (PRE DIF)
705	3-364-941-01 s	SCREW (+B) (2.6X5), NYLOK
706	3-700-558-01 s	SHEET, RADIATE , HEAT
707	3-965-077-01 s	SCREW, SPECIAL (M2)
708	4-116-574-01 s	TAPE (LED)
709	4-136-517-01 s	WASHER, BNC COAXIAL FIXED
710	4-413-397-01 s	PLATE TOP, CN
711	4-413-407-01 s	SHEET, DROP PROTECTION
712	4-413-477-02 s	HARNESS CLAMP
713	4-415-167-01 s	SHEET, RADIATION
714	4-415-174-01 s	SHEET (ARGO), RADIATION

MB Block



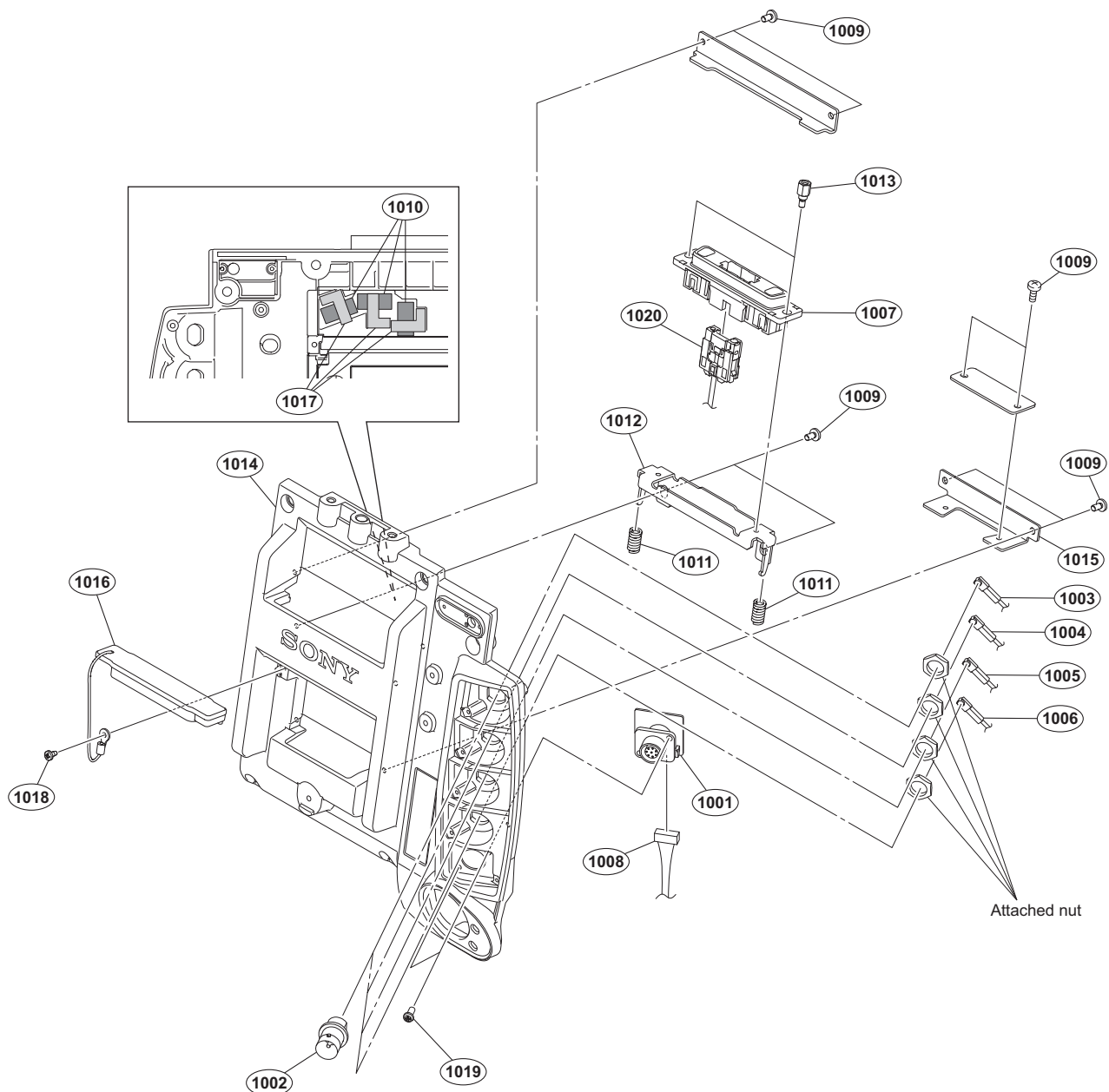
No.	Part No.	SP Description
801	A-1850-166-A s	MOUNTED CIRCUIT BOARD, CN-3336
802	A-1850-189-A s	MOUNTED CIRCUIT BOARD, SIO-32
803	A-1851-620-A s	MOUNTED CIRCUIT BOARD, MB-1169
804	1-554-366-11 s	SWITCH, TOGGLE
805	1-831-121-11 s	CABLE, FLEXIBLE FLAT (50 CORE)
806	1-965-301-11 s	HARNESS, SUB (PS-DC)
807	1-968-166-11 s	HARNESS, SUB (LENS)
808	1-968-175-11 s	HARNESS, SUB (OHB LENS PWR (MB)
809	1-968-176-11 s	HARNESS, SUB (FAN/TALLY (CCM))
810	1-968-186-11 s	HARNESS, SUB (MB PRE)
811	3-364-941-01 s	SCREW (+B) (2.6X5), NYLOK
812	4-413-399-02 s	PANEL, CN
813	4-415-157-01 s	SHEET, DROP PROTECT, POWER SW
814	4-644-492-72 s	ACE (M2), LOCK

Rear Panel Block-1



No.	Part No.	SP Description
901	3-196-969-01 s	CAP, REMOTE (CN)
902	3-245-709-41 s	SCREW
903	3-364-941-01 s	SCREW (+B) (2.6X5), NYLOK
904	3-624-455-01 s	TUBE, SHIELD
905	3-679-693-01 o	BASE, SLIDE
906	3-679-694-01 o	COVER, SLIDE
907	3-679-695-01 o	COVER, TALLY
908	3-742-074-13 s	SCREW (+B 3X8)
909	3-872-935-01 s	CAP, BNC
910	4-413-406-01 s	LABEL, DC IN
911	4-413-408-02 s	HOOK, SLIDE
912	4-644-492-72 s	ACE (M2), LOCK

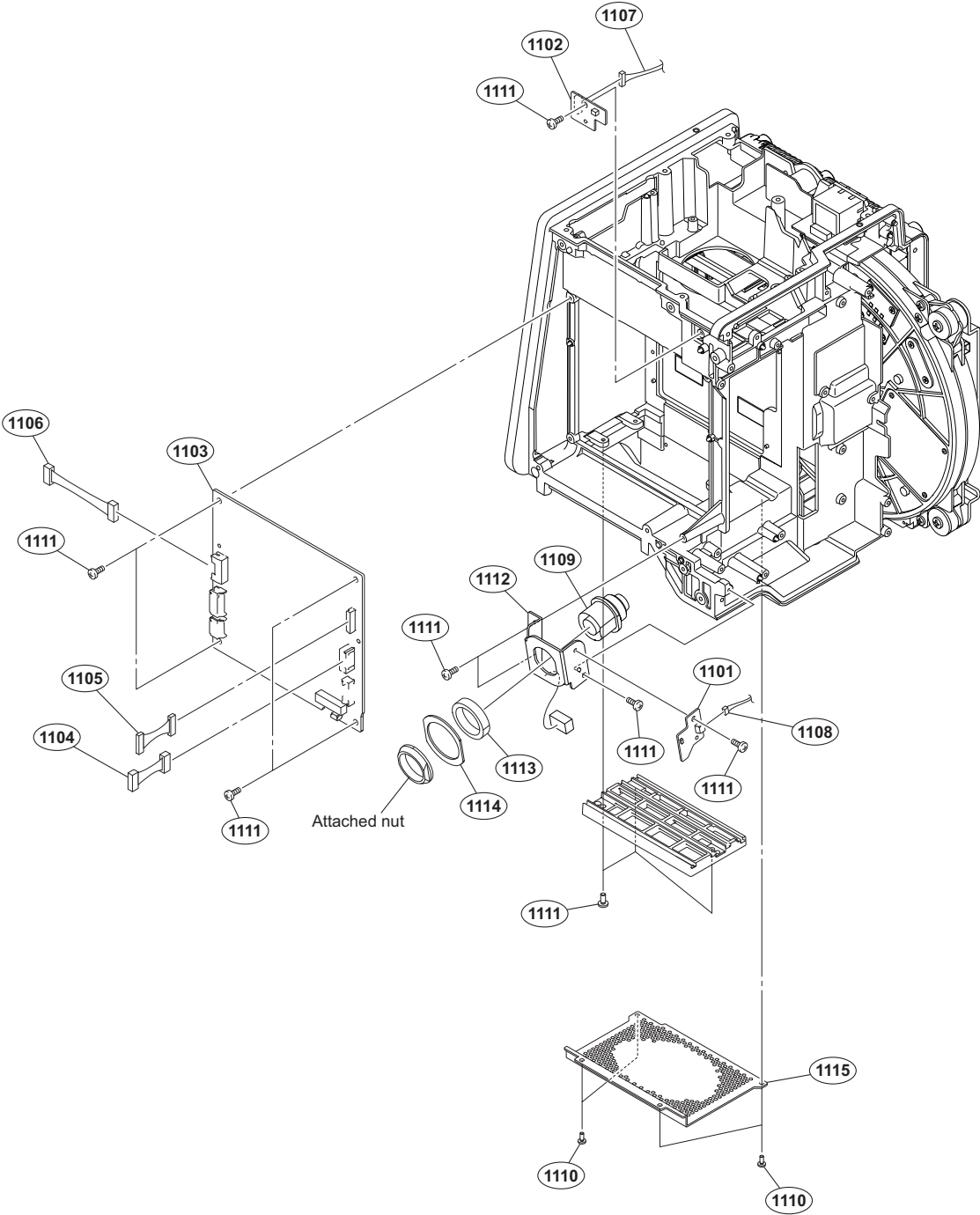
Rear Panel Block-2



No.	Part No.	SP Description
1001	A-1850-170-A	s MOUNTED CIRCUIT BOARD, CN-3330
1002	1-784-240-11	s CONVERTER, COAXIAL CONNECTOR
1003	1-835-367-11	s CABLE ASSEMBLY, COAXIAL (long green)
1004	1-835-369-11	s CABLE ASSEMBLY, COAXIAL (short green)
1005	1-835-425-12	s CABLE ASSEMBLY, COAXIAL (white)
1006	1-835-426-12	s CABLE ASSEMBLY, COAXIAL (red)
1007	1-968-185-11	s HARNESS, SUB (ARGO (CHU))
1008	1-968-187-11	s HARNESS, SUB (REMOTE)
1009	3-364-941-01	s SCREW (+B) (2.6X5), NYLOK
1010	4-116-574-01	s TAPE (LED)
1011	4-413-401-01	s SPRING, COMPRESSION
1012	4-413-405-01	s NUT (CHU), CONNECTOR
1013	4-413-442-01	s SUPPORT (M2.6), HEXAGON (STEP)
1014	4-413-455-01	s PANEL, REAR
1015	4-413-468-01	s HOLDER, D-SUB
1016	4-415-146-02	s CAP, MULTI CONNECTOR
1017	4-415-165-01	s CUSHION, ARGO CABLE

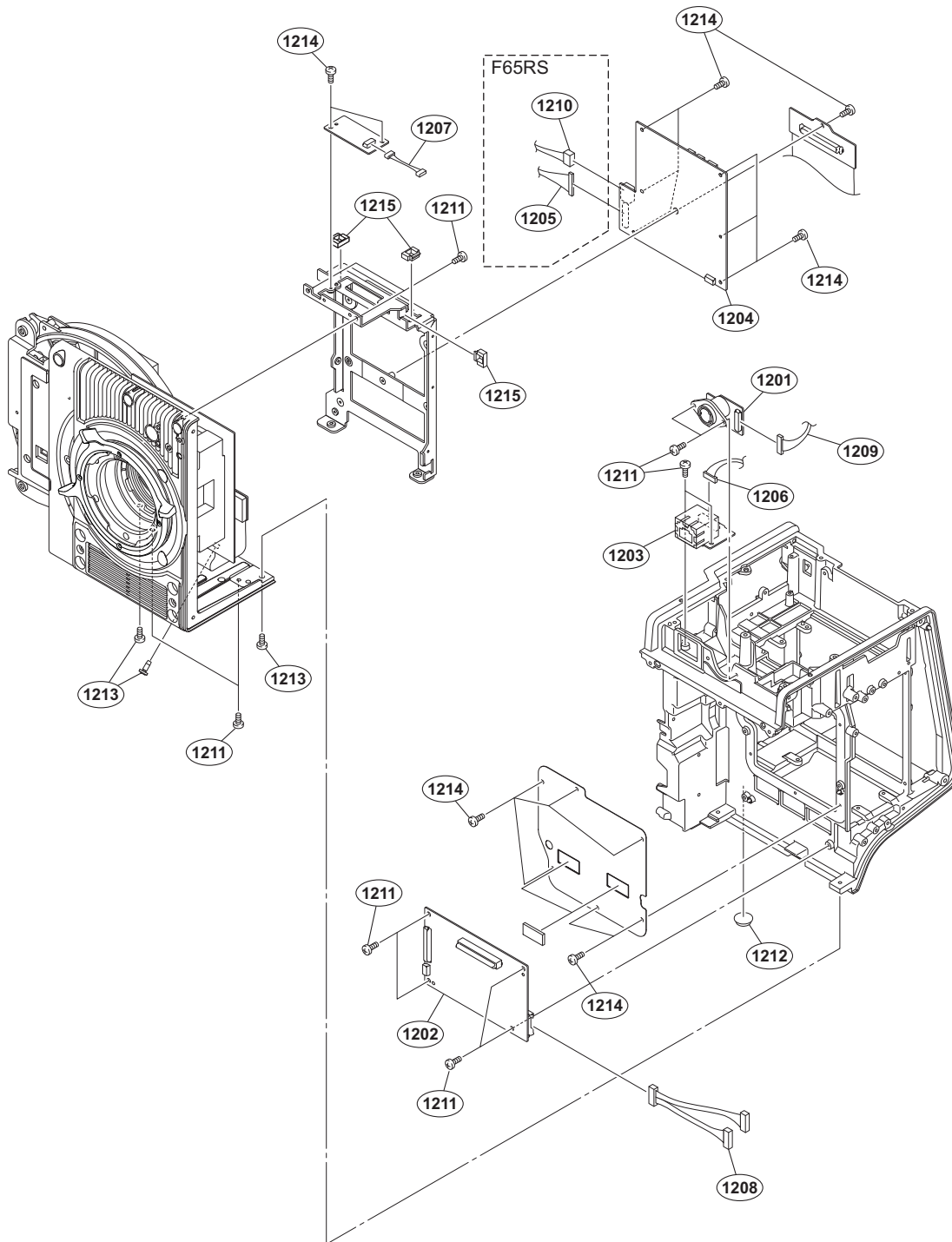
No.	Part No.	SP Description
1018	4-644-492-72	s ACE (M2), LOCK
1019	4-674-315-01	s SCREW (M2.6X6)
1020	8-753-394-82	s CXN2007-NA01

PS Block



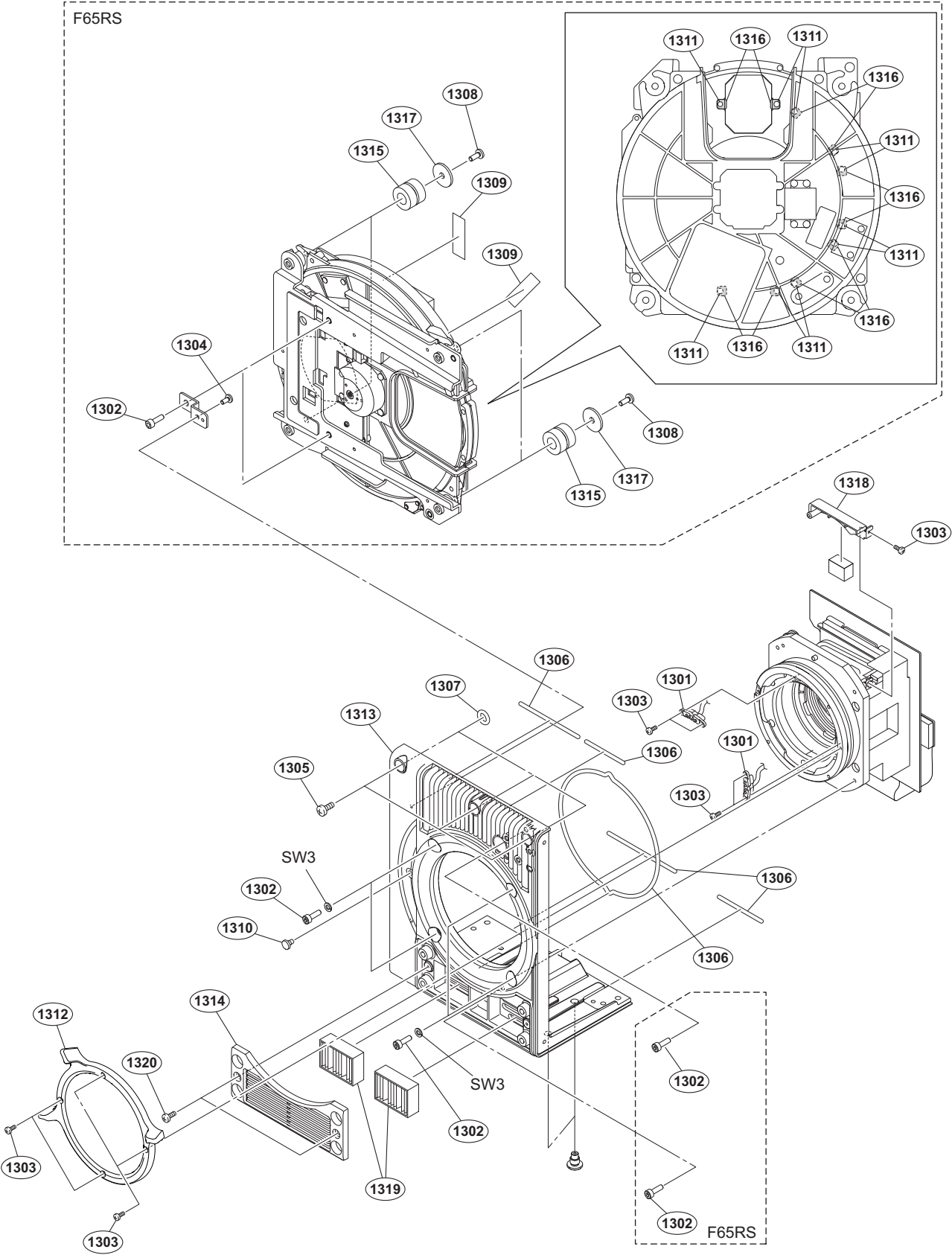
No.	Part No.	SP Description	No.	Part No.	SP Description
1101	A-1850-168-A s	MOUNTED CIRCUIT BOARD, LP-126	1115	4-413-471-01 s	COVER, BOTTOM
1102	A-1850-169-A s	MOUNTED CIRCUIT BOARD, LP-125			
1103	A-1851-677-A s	MOUNTED CIRCUIT BOARD, PS-811			
1104	1-968-170-11 s	HARNESS, SUB (PS MB FPGA PWR)			
1105	1-968-174-11 s	HARNESS, SUB (MB PS CONT)			
1106	1-968-177-11 s	HARNESS, SUB (PS RE UNREG)			
1107	1-968-181-11 s	HARNESS, SUB (R TALLY)			
1108	1-968-183-11 s	HARNESS, SUB (12/24 LED)			
1109	1-968-184-11 s	HARNESS, SUB (DC-IN)			
1110	3-080-203-31 s	SCREW (M2), LOCK ACE, P2			
1111	3-364-941-01 s	SCREW (+B) (2.6X5), NYLOK			
1112	4-413-403-01 s	PLATE, DC IN			
1113	4-413-404-01 s	SPACER, DC IN			
1114	4-413-438-01 s	CUSHION (DC IN)			

Front Block-1



No.	Part No.	SP Description	No.	Part No.	SP Description
1201	A-1850-171-A	s MOUNTED CIRCUIT BOARD, CN-3335	1211	3-364-941-01	s SCREW (+B) (2.6X5), NYLOK
1202	A-1850-175-A	s MOUNTED CIRCUIT BOARD, CN-3346	1212	3-723-097-01	o FOOT, RUBBER
1203	A-1850-194-A	s MOUNTED CIRCUIT BOARD, NET-11	1213	3-742-074-11	s SCREW (+B 3X8)
1204	A-1851-617-A	s MOUNTED CIRCUIT BOARD, TG-279	1214	4-644-492-72	s ACE (M2), LOCK
1205	1-830-527-11	s CABLE, CONNECTOR WITH COAXIAL (F65RS)	1215	4-641-552-01	o SADDLE, LOCK EDGE
1206	1-968-169-12	s HARNESS, SUB (ETHER)			
1207	1-968-171-11	s HARNESS, SUB (LEVEL)			
1208	1-968-173-11	s HARNESS, SUB (OH B PWR)			
1209	1-968-178-11	s HARNESS, SUB (VF)			
1210	1-968-179-11	s HARNESS, SUB (SHUTTER PWR) (F65RS)			

Front Block-2



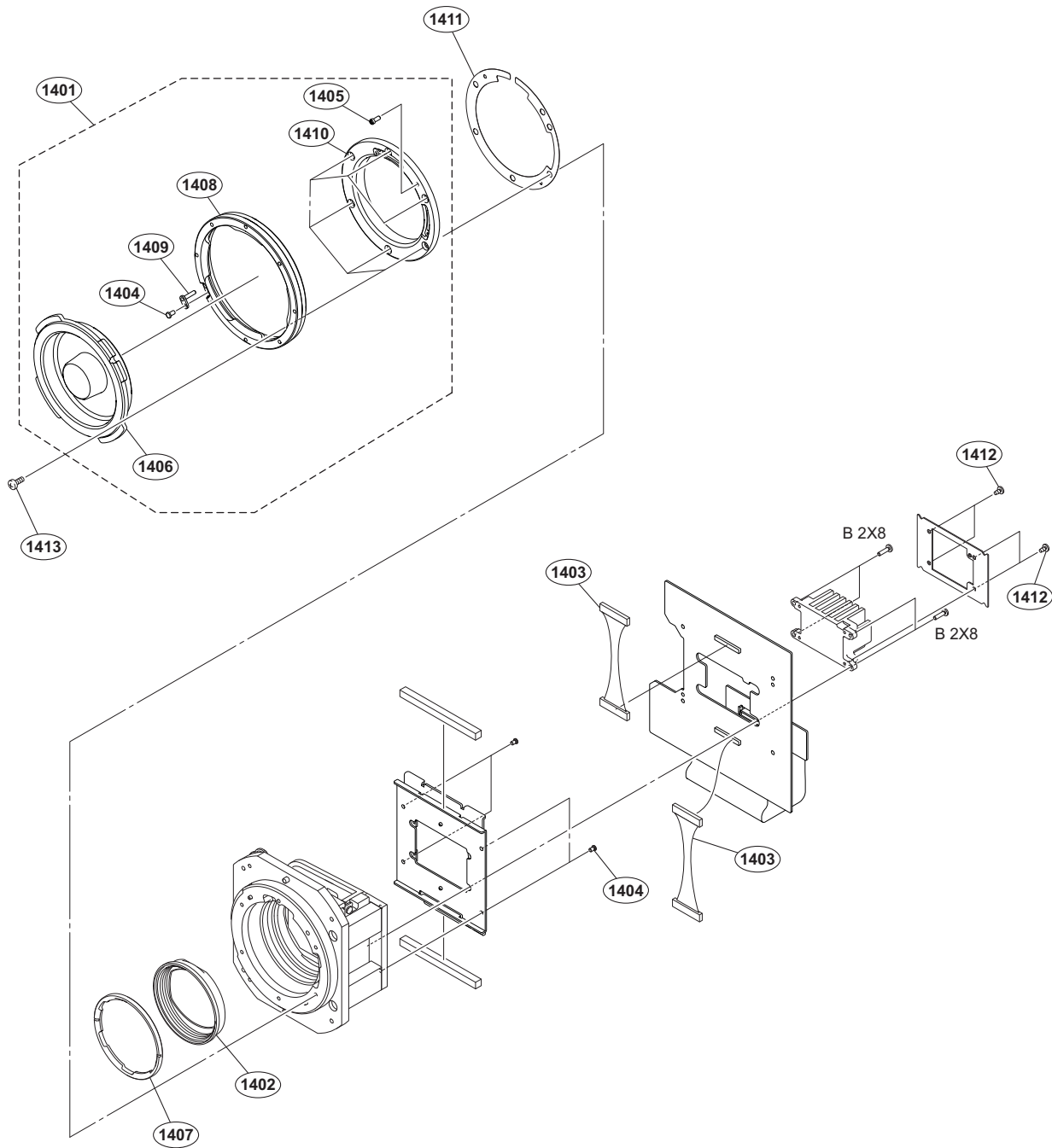
No.	Part No.	SP Description
1301	1-966-905-11 s	HARNESS, SUB (AR)
1302	2-623-773-21 o	BOLT (M3X10), STAINLESS
1303	3-080-203-31 s	SCREW (M2), LOCK ACE,P2

No.	Part No.	SP Description
1304	3-364-941-01 s	SCREW (+B) (2.6X5), NYLOK (F65RS)
1305	3-603-680-02 s	STAINLESS SCREW +B3X12

Front Block-2

No.	Part No.	SP Description
1306	3-624-455-01	s TUBE, SHIELD
1307	3-672-250-01	s RING (M2.6), O
1308	3-742-074-13	s SCREW (+B 3X8) (F65RS)
1309	4-119-886-01	s TAPE (13X50) (F65RS)
1310	4-138-679-01	s SCREW, BLIND
1311	4-297-362-01	s SCREW, FILTER RETAINER (F65RS)
1312	4-413-375-01	s RING, LEVER
1313	4-413-384-01	s FRAME, FRONT
1314	4-413-415-01	s COVER, INTAKE
1315	4-413-454-01	s BUSHING, VIBRATION PROOF (F65RS)
1316	4-413-456-02	s SPRING (ND), FILTER FIXED (F65RS)
1317	4-413-472-01	s RING (F65RS)
1318	4-413-478-02	s COVER (LDS), CABLE
1319	4-415-143-01	s FILTER, DUST PROTECTION
1320	4-644-492-72	s ACE (M2), LOCK
	7-623-208-22	s SW 3, TYPE 2

Front Block-3



No.	Part No.	SP Description
1401	A-1860-305-A s	MOUNT ASSY, PL
1402	A-1861-383-A s	FILTER ASSY, BAND PASS
1403	1-968-193-11 s	HARNESS (COAXIAL CABLE)
1404	3-080-203-31 s	SCREW (M2), LOCK ACE, P2
1405	4-104-974-02 s	SCREW, POSITIONING
1406	4-104-999-02 s	CAP, MOUNT
1407	4-413-443-01 s	BP RING
1408	4-415-140-01 s	RING, BAYONET
1409	4-415-164-01 s	PIN, LIMITER
1410	4-415-172-02 s	BASE, PL MOUNT
1411	4-260-711-43 s	SPACER (PL), MOUNT
1412	4-644-492-72 s	ACE (M2), LOCK
1413	4-674-315-01 s	SCREW (M2.6X6)
	7-621-772-40 s	SCREW +B 2X8

5-3. Electrical Parts List

AT-185 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1851-615-A	s MOUNTED CIRCUIT BOARD, AT-185
2pcs	3-364-941-01	s SCREW (+B) (2.6X5), NYLOK
3pcs	3-729-061-02	s SCREW (M2) (TYPE 1)
C1	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C2	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C3	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C5	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C6	1-119-923-81	s CAP, CERAMIC 0.047MF B 1005
C7	1-119-923-81	s CAP, CERAMIC 0.047MF B 1005
C8	1-119-923-81	s CAP, CERAMIC 0.047MF B 1005
C9	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C10	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C11	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C12	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
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	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C16	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C17	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C18	1-164-850-81	s CAP, CHIP CERAMIC 10PF CH 1005
C19	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C22	1-164-850-81	s CAP, CHIP CERAMIC 10PF CH 1005
C23	1-119-923-81	s CAP, CERAMIC 0.047MF B 1005
C24	1-119-923-81	s CAP, CERAMIC 0.047MF B 1005
C25	1-119-923-81	s CAP, CERAMIC 0.047MF B 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	1-107-819-81	s CAP,CHIP CERAMIC 22000PF B1005
C30	1-164-935-81	s CAP, CHIP CERAMIC 470PF B 1005
C31	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C32	1-107-819-81	s CAP,CHIP CERAMIC 22000PF B1005
C33	1-164-935-81	s CAP, CHIP CERAMIC 470PF B 1005
C34	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C35	1-107-819-81	s CAP,CHIP CERAMIC 22000PF B1005
C36	1-164-935-81	s CAP, CHIP CERAMIC 470PF B 1005
C37	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C38	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C39	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C40	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C41	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C42	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C43	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C44	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C45	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C46	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C47	1-127-715-91	s CAP,CHIP CERAMIC 0.22MF B 1608
C101	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C103	1-119-923-81	s CAP, CERAMIC 0.047MF B 1005
C104	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C105	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C106	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C107	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C108	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C109	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
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	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C113	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C114	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C115	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C116	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005

AT-185 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C117	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C118	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C119	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C120	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C121	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
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	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C126	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C127	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C128	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C129	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C130	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C131	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C132	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C133	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C134	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C135	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C136	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C139	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C140	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C141	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C142	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
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	1-114-582-91	s CAP, CERAMIC 0.1MF B 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	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C149	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
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	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
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	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C156	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C157	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C158	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C159	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C160	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C161	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C162	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C163	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C164	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C165	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C166	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C167	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C168	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C169	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C170	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C171	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C172	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C173	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C174	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C175	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C301	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C302	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C303	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
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	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C307	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C308	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005

AT-185 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C309	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C310	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF 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	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C315	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C316	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C317	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C318	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C319	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C320	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF 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	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
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	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C327	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C328	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C329	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C330	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C331	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C332	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C333	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C334	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C335	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C336	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C337	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C338	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C339	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
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	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C347	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C348	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C349	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C350	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C351	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C501	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C502	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C503	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C504	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
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	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C508	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C509	1-114-582-91 s	CAP, CERAMIC 0.1MF 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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C514	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C515	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C516	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C517	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C518	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C519	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C520	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C521	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C522	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005

AT-185 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C525	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C526	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C527	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C528	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C529	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C530	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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C534	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C535	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C536	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C537	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C540	1-164-935-81 s	CAP, CHIP CERAMIC 470PF B 1005
C541	1-164-935-81 s	CAP, CHIP CERAMIC 470PF B 1005
C542	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C543	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C546	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C547	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C549	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C552	1-164-935-81 s	CAP, CHIP CERAMIC 470PF B 1005
C553	1-164-935-81 s	CAP, CHIP CERAMIC 470PF B 1005
CN2	1-821-409-21 s	CONNECTOR, BOARD TO BOARD 40P
CN3	1-770-627-21 s	PIN, CONNECTOR 10P
CN4	1-764-088-21 o	PIN, CONNECTOR (PC BOARD) 3P
D1	8-719-083-60 s	DI UDZSUSTE-174.7B
D2	8-719-083-60 s	DI UDZSUSTE-174.7B
D301	8-719-989-01 s	DIODE DA221-TL
D302	8-719-989-01 s	DIODE DA221-TL
D303	8-719-989-01 s	DIODE DA221-TL
D304	8-719-989-01 s	DIODE DA221-TL
D305	8-719-989-01 s	DIODE DA221-TL
D306	6-502-598-01 s	DI SML-D12U8WT86
D307	6-502-598-01 s	DI SML-D12U8WT86
D308	6-502-197-01 s	DI SML-D12M8WT86SM
D309	6-502-197-01 s	DI SML-D12M8WT86SM
D310	6-501-436-01 s	DIODE SML412BC6TT86
D311	6-501-436-01 s	DIODE SML412BC6TT86
D312	6-501-436-01 s	DIODE SML412BC6TT86
D313	6-501-436-01 s	DIODE SML412BC6TT86
D314	8-719-989-01 s	DIODE DA221-TL
D315	8-719-989-01 s	DIODE DA221-TL
D316	8-719-989-01 s	DIODE DA221-TL
D317	8-719-989-01 s	DIODE DA221-TL
D318	8-719-989-01 s	DIODE DA221-TL
D319	8-719-989-01 s	DIODE DA221-TL
D320	8-719-989-01 s	DIODE DA221-TL
D321	8-719-989-01 s	DIODE DA221-TL
D501	8-719-989-01 s	DIODE DA221-TL
D502	8-719-989-01 s	DIODE DA221-TL
D503	8-719-989-01 s	DIODE DA221-TL
D504	8-719-989-01 s	DIODE DA221-TL
D505	8-719-989-01 s	DIODE DA221-TL
D506	8-719-989-01 s	DIODE DA221-TL
D507	8-719-989-01 s	DIODE DA221-TL
D508	8-719-989-01 s	DIODE DA221-TL
D509	8-719-989-01 s	DIODE DA221-TL
D510	8-719-989-01 s	DIODE DA221-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
FB1	1-469-094-21 s	FERRITE, EMI (SMD) (1608)

AT-185 BOARD

Ref. No. or Q'ty	Part No.	SP Description
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)
FB304	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB305	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB306	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB307	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB308	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB309	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB310	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB311	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB312	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB313	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB314	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB315	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB316	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB317	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB501	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
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)
FB505	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB506	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB508	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB509	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
IC1	6-706-484-01 s	IC TC7SH04FU
IC2	8-759-327-01 s	IC NJM062V (TE2)
IC3	6-701-572-01 s	IC TPS54610PWPR
IC4	6-701-572-01 s	IC TPS54610PWPR
IC5	6-701-572-01 s	IC TPS54610PWPR
IC6	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC7	6-704-567-01 s	IC R3112N451A-TR-FA
IC8	6-706-487-01 s	IC TC7SH08FU
IC101	6-702-879-01 s	IC R3112N281A-TR-FA
IC102	6-703-875-01 s	IC CDCVF2505PWR
IC103	8-759-656-54 s	IC TC7WH14FK
IC104	6-700-831-01 s	IC TC7WZ74FK
IC105	8-759-680-48 s	IC TC7WH157FK
IC106	8-759-680-48 s	IC TC7WH157FK
IC107	6-714-453-01 s	IC M29W160EB70N6E
IC108	6-714-453-01 s	IC M29W160EB70N6E
IC109	6-714-534-01 s	IC W9864G2IH-6-ER10
IC110	6-707-947-01 s	IC MB85R256PFTN-G-BNDE1
IC111	6-707-947-01 s	IC MB85R256PFTN-G-BNDE1
IC112	6-707-947-01 s	IC MB85R256PFTN-G-BNDE1
IC113	6-707-947-01 s	IC MB85R256PFTN-G-BNDE1
IC114	6-711-487-01 s	IC TC74VCX138FK (EL)
IC118	8-759-592-43 s	IC TC7SZ02FU (TE85R)
IC119	8-759-592-43 s	IC TC7SZ02FU (TE85R)
IC120	6-704-099-01 s	IC TC7WZ08FK
IC121	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC122	6-704-099-01 s	IC TC7WZ08FK
IC123	6-704-099-01 s	IC TC7WZ08FK
IC124	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC301	6-707-865-01 s	IC TC74VHC125FT (EKJ)
IC302	6-707-865-01 s	IC TC74VHC125FT (EKJ)
IC303	6-707-865-01 s	IC TC74VHC125FT (EKJ)
IC304	6-707-865-01 s	IC TC74VHC125FT (EKJ)
IC305	6-707-886-01 s	IC TC74VHCT125AFT (EKJ)
IC306	6-707-865-01 s	IC TC74VHC125FT (EKJ)
IC307	8-759-486-25 s	IC SN74CBT3384APWR
IC308	6-702-879-01 s	IC R3112N281A-TR-FA
IC309	6-700-599-01 s	IC TC7SA08FU (TE85R)
IC311	6-707-886-01 s	IC TC74VHCT125AFT (EKJ)

AT-185 BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC501	6-707-886-01 s	IC TC74VHCT125AFT (EKJ)
IC502	6-706-476-01 s	IC TC7SET04FU
IC503	6-708-346-01 s	IC DAC7512N
IC504	8-759-689-06 s	IC LTC1660CGN-E2
IC505	8-759-327-01 s	IC NJM062V (TE2)
IC506	8-759-523-02 s	IC TC74HC4053AFT (EL)
IC507	8-759-327-01 s	IC NJM062V (TE2)
IC509	8-759-327-01 s	IC NJM062V (TE2)
IC510	8-759-669-66 s	IC TLC272CPWR-12
IC511	8-759-327-01 s	IC NJM062V (TE2)
IC514	8-759-656-54 s	IC TC7WH14FK
IC515	6-706-487-01 s	IC TC7SH08FU
IC517	8-759-656-54 s	IC TC7WH14FK
IC518	6-716-627-01 s	IC LTC1387CG#TR
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
L5	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L6	1-457-455-11 s	CHOKE COIL 10UH
L7	1-457-455-11 s	CHOKE COIL 10UH
L8	1-457-455-11 s	CHOKE COIL 10UH
L9	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
L301	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L302	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L501	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L502	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L503	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L504	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
Q1	8-729-209-77 s	TRANSISTOR 2SC2873Y-TE12L
Q2	8-729-209-73 s	TRANSISTOR 2SA1213Y-TE12L
Q3	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q4	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q5	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q6	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q8	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q9	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q301	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q302	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q303	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q304	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q305	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q306	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q307	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q308	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q309	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q310	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q501	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q502	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
R1	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R3	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R8	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R9	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R10	1-208-863-81 s	RES, CHIP 100 (1005)
R12	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R13	1-220-870-81 s	RES, CHIP 10 (1005)
R14	1-218-990-81 s	CONDUCTOR, CHIP (1005)

AT-185 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R15	1-208-903-81 s	RES, CHIP 4.7K (1005)
R16	1-208-903-81 s	RES, CHIP 4.7K (1005)
R17	1-208-887-81 s	RES, CHIP 1.0K (1005)
R18	1-208-903-81 s	RES, CHIP 4.7K (1005)
R19	1-220-221-91 s	RES,SQUARE TYPE CHIP 100 (4532)
R20	1-220-221-91 s	RES,SQUARE TYPE CHIP 100 (4532)
R21	1-208-911-81 s	RES, CHIP 10K (1005)
R22	1-208-903-81 s	RES, CHIP 4.7K (1005)
R23	1-220-221-91 s	RES,SQUARE TYPE CHIP 100 (4532)
R25	1-208-871-81 s	RES, CHIP 220 (1005)
R26	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R27	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R28	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R29	1-208-871-81 s	RES, CHIP 220 (1005)
R30	1-208-923-81 s	RES, CHIP 33K (1005)
R31	1-208-871-81 s	RES, CHIP 220 (1005)
R32	1-208-927-81 s	RES, CHIP 47K (1005)
R33	1-208-935-81 s	RES, CHIP 100K (1005)
R34	1-208-935-81 s	RES, CHIP 100K (1005)
R35	1-208-923-81 s	RES, CHIP 33K (1005)
R36	1-208-923-81 s	RES, CHIP 33K (1005)
R37	1-208-903-81 s	RES, CHIP 4.7K (1005)
R38	1-208-911-81 s	RES, CHIP 10K (1005)
R39	1-208-891-81 s	RES, CHIP 1.5K (1005)
R40	1-208-891-81 s	RES, CHIP 1.5K (1005)
R41	1-208-891-81 s	RES, CHIP 1.5K (1005)
R42	1-208-863-81 s	RES, CHIP 100 (1005)
R43	1-208-863-81 s	RES, CHIP 100 (1005)
R44	1-208-863-81 s	RES, CHIP 100 (1005)
R45	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R46	1-208-927-81 s	RES, CHIP 47K (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	1-208-919-81 s	RES, CHIP 22K (1005)
R51	1-208-903-81 s	RES, CHIP 4.7K (1005)
R52	1-208-899-81 s	RES, CHIP 3.3K (1005)
R53	1-208-907-81 s	RES, CHIP 6.8K (1005)
R54	1-208-875-81 s	RES, CHIP 330 (1005)
R55	1-208-871-81 s	RES, CHIP 220 (1005)
R56	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R57	1-208-875-81 s	RES, CHIP 330 (1005)
R58	1-208-871-81 s	RES, CHIP 220 (1005)
R59	1-208-911-81 s	RES, CHIP 10K (1005)
R60	1-208-887-81 s	RES, CHIP 1.0K (1005)
R61	1-208-935-81 s	RES, CHIP 100K (1005)
R62	1-208-911-81 s	RES, CHIP 10K (1005)
R63	1-208-911-81 s	RES, CHIP 10K (1005)
R64	1-220-870-81 s	RES, CHIP 10 (1005)
R65	1-208-911-81 s	RES, CHIP 10K (1005)
R66	1-208-863-81 s	RES, CHIP 100 (1005)
R67	1-208-911-81 s	RES, CHIP 10K (1005)
R102	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R103	1-208-863-81 s	RES, CHIP 100 (1005)
R104	1-208-935-81 s	RES, CHIP 100K (1005)
R105	1-208-911-81 s	RES, CHIP 10K (1005)
R106	1-208-863-81 s	RES, CHIP 100 (1005)
R108	1-208-911-81 s	RES, CHIP 10K (1005)
R109	1-220-878-81 s	RES, CHIP 22 (1005)
R110	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R111	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R112	1-220-878-81 s	RES, CHIP 22 (1005)
R113	1-220-878-81 s	RES, CHIP 22 (1005)
R115	1-220-878-81 s	RES, CHIP 22 (1005)
R116	1-220-878-81 s	RES, CHIP 22 (1005)

AT-185 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R117	1-220-878-81 s	RES, CHIP 22 (1005)
R119	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R120	1-208-935-81 s	RES, CHIP 100K (1005)
R121	1-208-935-81 s	RES, CHIP 100K (1005)
R123	1-220-878-81 s	RES, CHIP 22 (1005)
R125	1-220-878-81 s	RES, CHIP 22 (1005)
R126	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R127	1-220-878-81 s	RES, CHIP 22 (1005)
R128	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R129	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R130	1-208-903-81 s	RES, CHIP 4.7K (1005)
R131	1-208-863-81 s	RES, CHIP 100 (1005)
R132	1-208-863-81 s	RES, CHIP 100 (1005)
R133	1-208-911-81 s	RES, CHIP 10K (1005)
R134	1-208-911-81 s	RES, CHIP 10K (1005)
R135	1-208-863-81 s	RES, CHIP 100 (1005)
R136	1-208-863-81 s	RES, CHIP 100 (1005)
R137	1-208-903-81 s	RES, CHIP 4.7K (1005)
R139	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R141	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R142	1-208-903-81 s	RES, CHIP 4.7K (1005)
R143	1-208-903-81 s	RES, CHIP 4.7K (1005)
R144	1-220-878-81 s	RES, CHIP 22 (1005)
R146	1-208-935-81 s	RES, CHIP 100K (1005)
R147	1-208-903-81 s	RES, CHIP 4.7K (1005)
R148	1-208-863-81 s	RES, CHIP 100 (1005)
R149	1-208-903-81 s	RES, CHIP 4.7K (1005)
R151	1-208-863-81 s	RES, CHIP 100 (1005)
R152	1-208-863-81 s	RES, CHIP 100 (1005)
R153	1-220-878-81 s	RES, CHIP 22 (1005)
R154	1-208-863-81 s	RES, CHIP 100 (1005)
R155	1-220-878-81 s	RES, CHIP 22 (1005)
R156	1-220-878-81 s	RES, CHIP 22 (1005)
R157	1-208-863-81 s	RES, CHIP 100 (1005)
R158	1-208-903-81 s	RES, CHIP 4.7K (1005)
R159	1-208-903-81 s	RES, CHIP 4.7K (1005)
R160	1-208-863-81 s	RES, CHIP 100 (1005)
R161	1-220-878-81 s	RES, CHIP 22 (1005)
R162	1-220-878-81 s	RES, CHIP 22 (1005)
R163	1-208-935-81 s	RES, CHIP 100K (1005)
R164	1-208-935-81 s	RES, CHIP 100K (1005)
R165	1-208-935-81 s	RES, CHIP 100K (1005)
R167	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R170	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R171	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R301	1-220-870-81 s	RES, CHIP 10 (1005)
R302	1-220-870-81 s	RES, CHIP 10 (1005)
R303	1-220-870-81 s	RES, CHIP 10 (1005)
R304	1-220-870-81 s	RES, CHIP 10 (1005)
R305	1-208-863-81 s	RES, CHIP 100 (1005)
R306	1-208-903-81 s	RES, CHIP 4.7K (1005)
R307	1-208-903-81 s	RES, CHIP 4.7K (1005)
R308	1-208-903-81 s	RES, CHIP 4.7K (1005)
R309	1-208-895-81 s	RES, CHIP 2.2K (1005)
R310	1-208-895-81 s	RES, CHIP 2.2K (1005)
R312	1-208-911-81 s	RES, CHIP 10K (1005)
R313	1-208-903-81 s	RES, CHIP 4.7K (1005)
R314	1-208-895-81 s	RES, CHIP 2.2K (1005)
R315	1-208-895-81 s	RES, CHIP 2.2K (1005)
R316	1-208-895-81 s	RES, CHIP 2.2K (1005)
R317	1-208-895-81 s	RES, CHIP 2.2K (1005)
R318	1-208-863-81 s	RES, CHIP 100 (1005)
R319	1-208-863-81 s	RES, CHIP 100 (1005)
R320	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R321	1-208-863-81 s	RES, CHIP 100 (1005)

AT-185 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R519	1-208-903-81 s	RES, CHIP 4.7K (1005)
R520	1-208-899-81 s	RES, CHIP 3.3K (1005)
R521	1-208-887-81 s	RES, CHIP 1.0K (1005)
R522	1-208-863-81 s	RES, CHIP 100 (1005)
R523	1-208-863-81 s	RES, CHIP 100 (1005)
R524	1-208-863-81 s	RES, CHIP 100 (1005)
R525	1-208-863-81 s	RES, CHIP 100 (1005)
R526	1-208-863-81 s	RES, CHIP 100 (1005)
R527	1-208-863-81 s	RES, CHIP 100 (1005)
R528	1-208-863-81 s	RES, CHIP 100 (1005)
R529	1-220-870-81 s	RES, CHIP 10 (1005)
R530	1-220-870-81 s	RES, CHIP 10 (1005)
R531	1-208-887-81 s	RES, CHIP 1.0K (1005)
R532	1-208-863-81 s	RES, CHIP 100 (1005)
R533	1-208-911-81 s	RES, CHIP 10K (1005)
R534	1-208-887-81 s	RES, CHIP 1.0K (1005)
R535	1-208-923-81 s	RES, CHIP 33K (1005)
R536	1-208-883-81 s	RES, CHIP 680 (1005)
R537	1-208-871-81 s	RES, CHIP 220 (1005)
R538	1-208-923-81 s	RES, CHIP 33K (1005)
R539	1-208-927-81 s	RES, CHIP 47K (1005)
R540	1-208-887-81 s	RES, CHIP 1.0K (1005)
R541	1-208-911-81 s	RES, CHIP 10K (1005)
R542	1-208-911-81 s	RES, CHIP 10K (1005)
R544	1-208-923-81 s	RES, CHIP 33K (1005)
R545	1-208-915-81 s	RES, CHIP 15K (1005)
R546	1-208-927-81 s	RES, CHIP 47K (1005)
R547	1-208-919-81 s	RES, CHIP 22K (1005)
R549	1-208-935-81 s	RES, CHIP 100K (1005)
R550	1-208-923-81 s	RES, CHIP 33K (1005)
R551	1-208-915-81 s	RES, CHIP 15K (1005)
R552	1-208-899-81 s	RES, CHIP 3.3K (1005)
R553	1-208-887-81 s	RES, CHIP 1.0K (1005)
R554	1-208-923-81 s	RES, CHIP 33K (1005)
R555	1-208-927-81 s	RES, CHIP 47K (1005)
R556	1-208-911-81 s	RES, CHIP 10K (1005)
R558	1-208-923-81 s	RES, CHIP 33K (1005)
R559	1-208-915-81 s	RES, CHIP 15K (1005)
R560	1-208-911-81 s	RES, CHIP 10K (1005)
R566	1-208-915-81 s	RES, CHIP 15K (1005)
R567	1-208-903-81 s	RES, CHIP 4.7K (1005)
R568	1-208-863-81 s	RES, CHIP 100 (1005)
R571	1-208-935-81 s	RES, CHIP 100K (1005)
R573	1-208-927-81 s	RES, CHIP 47K (1005)
R576	1-208-887-81 s	RES, CHIP 1.0K (1005)
R580	1-208-927-81 s	RES, CHIP 47K (1005)
R582	1-208-919-81 s	RES, CHIP 22K (1005)
R584	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R585	1-208-935-81 s	RES, CHIP 100K (1005)
R586	1-208-923-81 s	RES, CHIP 33K (1005)
R587	1-208-915-81 s	RES, CHIP 15K (1005)
R588	1-208-899-81 s	RES, CHIP 3.3K (1005)
R589	1-208-887-81 s	RES, CHIP 1.0K (1005)
R590	1-208-887-81 s	RES, CHIP 1.0K (1005)
R591	1-208-887-81 s	RES, CHIP 1.0K (1005)
RB1	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB2	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB3	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB101	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB102	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB103	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB104	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB105	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB106	1-234-370-21 s	RES, NETWORK 22 (1005X4)

AT-185 BOARD

Ref. No. or Q'ty	Part No.	SP Description
RB107	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB108	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB109	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB110	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB111	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB112	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB113	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB114	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB115	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB116	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB117	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB118	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB119	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB120	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB121	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB122	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB123	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB124	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB125	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB126	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB127	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB128	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB129	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB130	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB131	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB132	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB133	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB134	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB135	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB136	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB137	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB138	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB139	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB301	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB302	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB303	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB304	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB305	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB306	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB307	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB308	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB309	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB310	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB311	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB501	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB502	1-234-372-21 s	RES, NETWORK 100 (1005X4)
S1	1-692-270-41 s	SWITCH, SLIDE
S2	1-692-270-41 s	SWITCH, SLIDE
TP1	1-535-757-21 s	CHIP, CHECKER
X101	1-813-823-11 s	OSCILLATOR, CRYSTAL
X102	1-795-789-21 s	PIEZOELECTRIC OSCILLATOR

BI-273 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1.37pcs	7-640-005-23 s	SOLDER (F3M705,D0.8) 1.0KG
C1	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C3	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C4	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)

BI-273 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C136	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C137	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C138	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C139	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C140	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C141	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C142	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C143	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C144	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C145	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C146	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C147	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C148	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C149	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C150	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C151	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C152	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C153	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C154	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C155	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C156	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C157	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C158	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C159	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C160	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C161	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C162	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C163	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C164	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C165	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C166	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C167	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C168	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C169	1-112-716-91 s	CAP, CERAMIC 0.1UF B (0603)
C170	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C171	1-114-983-91 s	CAP, CHIP CERAMIC 2.2MF B 1608
C172	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C173	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C174	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C175	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C176	1-165-798-21 s	CAP, CHIP ELECT 100MF (7343)
C177	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
C178	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C179	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C180	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C181	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C182	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C183	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C184	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C185	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C186	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C187	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C188	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C189	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C190	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C191	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C192	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C193	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C194	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C195	1-164-848-81 s	CAP, CHIP CERAMIC 8PF CH 1005
C196	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C197	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C198	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C199	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C200	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

BI-273 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C201	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
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	1-114-582-91 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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C213	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C214	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C215	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C216	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C217	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C218	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C219	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C220	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C221	1-114-983-91 s	CAP, CHIP CERAMIC 2.2MF B 1608
C222	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C223	1-114-983-91 s	CAP, CHIP CERAMIC 2.2MF B 1608
C224	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C225	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C226	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C227	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C228	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C229	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C230	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
C231	1-128-617-91 s	CAP, CERAMIC 100PF CH (0603)
C232	1-128-617-91 s	CAP, CERAMIC 100PF CH (0603)
C233	1-128-617-91 s	CAP, CERAMIC 100PF CH (0603)
C234	1-128-617-91 s	CAP, CERAMIC 100PF CH (0603)
C237	1-165-798-21 s	CAP, CHIP ELECT 100MF (7343)
C238	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C239	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C301	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C302	1-112-300-91 s	CAP, CERAMIC 4.7MF B (2012)
C303	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C304	1-112-300-91 s	CAP, CERAMIC 4.7MF B (2012)
C305	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 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	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C309	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C310	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C311	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C312	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C313	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C314	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C315	1-114-983-91 s	CAP, CHIP CERAMIC 2.2MF B 1608
C316	1-114-983-91 s	CAP, CHIP CERAMIC 2.2MF B 1608
C317	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C318	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C319	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C320	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C321	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C322	1-165-798-21 s	CAP, CHIP ELECT 100MF (7343)
C323	1-165-798-21 s	CAP, CHIP ELECT 100MF (7343)
C324	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C325	1-114-983-91 s	CAP, CHIP CERAMIC 2.2MF B 1608
C326	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C327	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C328	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005

BI-273 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C462	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C463	1-114-983-91 s	CAP, CHIP CERAMIC 2.2MF B 1608
C464	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C465	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C466	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C467	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C468	1-114-983-91 s	CAP, CHIP CERAMIC 2.2MF B 1608
C469	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C470	1-114-983-91 s	CAP, CHIP CERAMIC 2.2MF B 1608
C471	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C472	1-114-983-91 s	CAP, CHIP CERAMIC 2.2MF B 1608
C473	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C474	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C475	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
C476	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
C477	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
C478	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
E2	1-535-877-22 s	CHIP, CHECKER
FB1	1-469-100-21 s	FERRITE, EMI (SMD) (1608)
FB301	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB302	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
IC2	6-710-018-01 s	IC CAT24C02WI-GT3
IC5	6-701-541-01 s	IC TLC2272CPWR
IC6	8-759-592-42 s	IC TC7S200FU (TE85R)
IC7	8-759-488-34 s	IC TLV2221CDBV
IC8	8-759-592-42 s	IC TC7S200FU (TE85R)
IC9	6-700-225-01 s	IC TC74VCX157FT (EL)
IC10	6-710-243-01 s	IC SN74AVC1T45DCKR
IC11	6-710-243-01 s	IC SN74AVC1T45DCKR
IC12	6-710-243-01 s	IC SN74AVC1T45DCKR
IC13	6-710-243-01 s	IC SN74AVC1T45DCKR
IC14	6-710-243-01 s	IC SN74AVC1T45DCKR
IC15	8-759-592-42 s	IC TC7S200FU (TE85R)
IC17	8-759-346-27 s	IC LM45BIM3X
IC18	8-759-346-27 s	IC LM45BIM3X
IC19	6-702-982-01 s	IC TC7SA00FU (TE85R)
IC301	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC302	6-701-541-01 s	IC TLC2272CPWR
IC303	6-701-541-01 s	IC TLC2272CPWR
IC304	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC305	6-708-326-01 s	IC TC74HCT4053AFT (EL)
IC306	8-759-327-01 s	IC NJM062V (TE2)
IC307	6-708-326-01 s	IC TC74HCT4053AFT (EL)
IC308	8-759-327-01 s	IC NJM062V (TE2)
IC309	8-759-327-01 s	IC NJM062V (TE2)
IC310	8-759-327-01 s	IC NJM062V (TE2)
IC311	6-701-541-01 s	IC TLC2272CPWR
IC312	6-708-326-01 s	IC TC74HCT4053AFT (EL)
IC313	8-759-488-34 s	IC TLV2221CDBV
IC314	6-708-326-01 s	IC TC74HCT4053AFT (EL)
IC315	8-759-327-01 s	IC NJM062V (TE2)
IC316	8-759-327-01 s	IC NJM062V (TE2)
IC317	6-701-541-01 s	IC TLC2272CPWR
IC318	6-708-326-01 s	IC TC74HCT4053AFT (EL)
IC319	8-759-488-34 s	IC TLV2221CDBV
IC320	6-708-326-01 s	IC TC74HCT4053AFT (EL)
IC321	8-759-488-34 s	IC TLV2221CDBV
IC322	8-759-488-34 s	IC TLV2221CDBV
IC323	8-759-327-01 s	IC NJM062V (TE2)
IC324	6-708-326-01 s	IC TC74HCT4053AFT (EL)
IC325	8-759-488-34 s	IC TLV2221CDBV
IC326	8-759-488-34 s	IC TLV2221CDBV

BI-273 BOARD

Ref. No. or Q'ty	Part No.	SP Description
L1	1-414-396-41 s	INDUCTOR (SMD) 4.7UH
L2	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L3	1-416-344-21 s	COIL, CHOKE 10UH
L4	1-414-396-41 s	INDUCTOR (SMD) 4.7UH
L5	1-414-396-41 s	INDUCTOR (SMD) 4.7UH
L6	1-416-344-21 s	COIL, CHOKE 10UH
L7	1-416-344-21 s	COIL, CHOKE 10UH
L8	1-416-344-21 s	COIL, CHOKE 10UH
L9	1-416-344-21 s	COIL, CHOKE 10UH
L10	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L11	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L12	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L13	1-412-919-21 s	INDUCTOR 0.022UH (2520)
Q1	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q2	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q301	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q302	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q303	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q304	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q305	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q306	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q307	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q308	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q309	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q310	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q311	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q312	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q313	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q314	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q315	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q316	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q317	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q318	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q319	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q320	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q321	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
R1	1-208-911-81 s	RES, CHIP 10K (1005)
R3	1-220-870-81 s	RES, CHIP 10 (1005)
R4	1-208-911-81 s	RES, CHIP 10K (1005)
R5	1-220-870-81 s	RES, CHIP 10 (1005)
R6	1-220-870-81 s	RES, CHIP 10 (1005)
R7	1-220-870-81 s	RES, CHIP 10 (1005)
R8	1-220-870-81 s	RES, CHIP 10 (1005)
R9	1-208-911-81 s	RES, CHIP 10K (1005)
R10	1-208-911-81 s	RES, CHIP 10K (1005)
R11	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R12	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R13	1-208-935-81 s	RES, CHIP 100K (1005)
R14	1-208-935-81 s	RES, CHIP 100K (1005)
R15	1-220-870-81 s	RES, CHIP 10 (1005)
R16	1-220-870-81 s	RES, CHIP 10 (1005)
R37	1-208-927-81 s	RES, CHIP 47K (1005)
R39	1-208-927-81 s	RES, CHIP 47K (1005)
R41	1-208-927-81 s	RES, CHIP 47K (1005)
R43	1-208-927-81 s	RES, CHIP 47K (1005)
R45	1-208-887-81 s	RES, CHIP 1.0K (1005)
R48	1-208-887-81 s	RES, CHIP 1.0K (1005)
R49	1-208-887-81 s	RES, CHIP 1.0K (1005)
R52	1-208-887-81 s	RES, CHIP 1.0K (1005)
R53	1-208-911-81 s	RES, CHIP 10K (1005)
R54	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R55	1-208-907-81 s	RES, CHIP 6.8K (1005)
R56	1-208-919-81 s	RES, CHIP 22K (1005)
R57	1-208-895-81 s	RES, CHIP 2.2K (1005)
R58	1-220-870-81 s	RES, CHIP 10 (1005)

BI-273 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R59	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R60	1-208-907-81 s	RES, CHIP 6.8K (1005)
R62	1-208-887-81 s	RES, CHIP 1.0K (1005)
R63	1-220-870-81 s	RES, CHIP 10 (1005)
R64	1-208-911-81 s	RES, CHIP 10K (1005)
R65	1-208-911-81 s	RES, CHIP 10K (1005)
R66	1-208-911-81 s	RES, CHIP 10K (1005)
R67	1-208-911-81 s	RES, CHIP 10K (1005)
R69	1-208-887-81 s	RES, CHIP 1.0K (1005)
R70	1-208-887-81 s	RES, CHIP 1.0K (1005)
R71	1-208-887-81 s	RES, CHIP 1.0K (1005)
R72	1-208-911-81 s	RES, CHIP 10K (1005)
R73	1-208-911-81 s	RES, CHIP 10K (1005)
R74	1-208-867-81 s	RES, CHIP 150 (1005)
R75	1-208-911-81 s	RES, CHIP 10K (1005)
R76	1-220-878-81 s	RES, CHIP 22 (1005)
R77	1-220-878-81 s	RES, CHIP 22 (1005)
R78	1-220-878-81 s	RES, CHIP 22 (1005)
R79	1-220-878-81 s	RES, CHIP 22 (1005)
R80	1-220-882-81 s	RES, CHIP 33 (1005)
R81	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	1-208-911-81 s	RES, CHIP 10K (1005)
R87	1-220-870-81 s	RES, CHIP 10 (1005)
R88	1-220-870-81 s	RES, CHIP 10 (1005)
R89	1-220-870-81 s	RES, CHIP 10 (1005)
R90	1-220-870-81 s	RES, CHIP 10 (1005)
R91	1-220-870-81 s	RES, CHIP 10 (1005)
R92	1-220-870-81 s	RES, CHIP 10 (1005)
R93	1-208-935-81 s	RES, CHIP 100K (1005)
R94	1-220-878-81 s	RES, CHIP 22 (1005)
R95	1-220-878-81 s	RES, CHIP 22 (1005)
R96	1-220-878-81 s	RES, CHIP 22 (1005)
R97	1-220-878-81 s	RES, CHIP 22 (1005)
R98	1-220-878-81 s	RES, CHIP 22 (1005)
R99	1-220-878-81 s	RES, CHIP 22 (1005)
R100	1-220-878-81 s	RES, CHIP 22 (1005)
R101	1-220-878-81 s	RES, CHIP 22 (1005)
R102	1-208-911-81 s	RES, CHIP 10K (1005)
R103	1-208-911-81 s	RES, CHIP 10K (1005)
R104	1-220-878-81 s	RES, CHIP 22 (1005)
R105	1-220-878-81 s	RES, CHIP 22 (1005)
R106	1-220-878-81 s	RES, CHIP 22 (1005)
R107	1-220-878-81 s	RES, CHIP 22 (1005)
R108	1-220-878-81 s	RES, CHIP 22 (1005)
R109	1-220-878-81 s	RES, CHIP 22 (1005)
R110	1-220-878-81 s	RES, CHIP 22 (1005)
R111	1-220-878-81 s	RES, CHIP 22 (1005)
R112	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R113	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R114	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R115	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R116	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R117	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R118	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R119	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R120	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R121	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R122	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R123	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R124	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R125	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R126	1-216-864-91 s	CONDUCTOR, CHIP (1608)

BI-273 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R127	1-220-878-81 s	RES, CHIP 22 (1005)
R128	1-220-878-81 s	RES, CHIP 22 (1005)
R129	1-220-878-81 s	RES, CHIP 22 (1005)
R130	1-220-878-81 s	RES, CHIP 22 (1005)
R131	1-220-878-81 s	RES, CHIP 22 (1005)
R132	1-220-878-81 s	RES, CHIP 22 (1005)
R133	1-220-878-81 s	RES, CHIP 22 (1005)
R134	1-208-935-81 s	RES, CHIP 100K (1005)
R136	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R137	1-208-863-81 s	RES, CHIP 100 (1005)
R138	1-208-863-81 s	RES, CHIP 100 (1005)
R139	1-208-935-81 s	RES, CHIP 100K (1005)
R140	1-208-935-81 s	RES, CHIP 100K (1005)
R141	1-208-863-81 s	RES, CHIP 100 (1005)
R142	1-208-863-81 s	RES, CHIP 100 (1005)
R143	1-208-863-81 s	RES, CHIP 100 (1005)
R145	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R146	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R149	1-208-887-81 s	RES, CHIP 1.0K (1005)
R150	1-208-895-81 s	RES, CHIP 2.2K (1005)
R301	1-208-915-81 s	RES, CHIP 15K (1005)
R302	1-208-911-81 s	RES, CHIP 10K (1005)
R303	1-208-915-81 s	RES, CHIP 15K (1005)
R304	1-208-915-81 s	RES, CHIP 15K (1005)
R305	1-208-891-81 s	RES, CHIP 1.5K (1005)
R306	1-208-891-81 s	RES, CHIP 1.5K (1005)
R307	1-208-899-81 s	RES, CHIP 3.3K (1005)
R308	1-208-895-81 s	RES, CHIP 2.2K (1005)
R309	1-208-911-81 s	RES, CHIP 10K (1005)
R310	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R311	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)
R314	1-208-911-81 s	RES, CHIP 10K (1005)
R315	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R316	1-208-891-81 s	RES, CHIP 1.5K (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	1-208-863-81 s	RES, CHIP 100 (1005)
R322	1-208-887-81 s	RES, CHIP 1.0K (1005)
R323	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R324	1-208-911-81 s	RES, CHIP 10K (1005)
R325	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R326	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R327	1-208-863-81 s	RES, CHIP 100 (1005)
R329	1-208-911-81 s	RES, CHIP 10K (1005)
R330	1-208-911-81 s	RES, CHIP 10K (1005)
R331	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R332	1-208-887-81 s	RES, CHIP 1.0K (1005)
R333	1-208-911-81 s	RES, CHIP 10K (1005)
R334	1-208-887-81 s	RES, CHIP 1.0K (1005)
R335	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R336	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R337	1-208-887-81 s	RES, CHIP 1.0K (1005)
R338	1-208-863-81 s	RES, CHIP 100 (1005)
R339	1-208-911-81 s	RES, CHIP 10K (1005)
R340	1-208-911-81 s	RES, CHIP 10K (1005)
R341	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R342	1-208-895-81 s	RES, CHIP 2.2K (1005)
R343	1-208-911-81 s	RES, CHIP 10K (1005)
R344	1-208-863-81 s	RES, CHIP 100 (1005)
R345	1-208-863-81 s	RES, CHIP 100 (1005)
R346	1-208-911-81 s	RES, CHIP 10K (1005)

BI-273 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R347	1-208-887-81 s	RES, CHIP 1.0K (1005)
R348	1-208-863-81 s	RES, CHIP 100 (1005)
R349	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R350	1-208-863-81 s	RES, CHIP 100 (1005)
R351	1-208-911-81 s	RES, CHIP 10K (1005)
R352	1-208-911-81 s	RES, CHIP 10K (1005)
R353	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R354	1-208-887-81 s	RES, CHIP 1.0K (1005)
R355	1-208-911-81 s	RES, CHIP 10K (1005)
R356	1-208-887-81 s	RES, CHIP 1.0K (1005)
R357	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R358	1-208-863-81 s	RES, CHIP 100 (1005)
R359	1-208-911-81 s	RES, CHIP 10K (1005)
R360	1-208-911-81 s	RES, CHIP 10K (1005)
R361	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R362	1-208-915-81 s	RES, CHIP 15K (1005)
R363	1-208-911-81 s	RES, CHIP 10K (1005)
R364	1-208-899-81 s	RES, CHIP 3.3K (1005)
R366	1-208-883-81 s	RES, CHIP 680 (1005)
R367	1-208-863-81 s	RES, CHIP 100 (1005)
R368	1-208-911-81 s	RES, CHIP 10K (1005)
R369	1-208-911-81 s	RES, CHIP 10K (1005)
R370	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R371	1-208-915-81 s	RES, CHIP 15K (1005)
R372	1-208-911-81 s	RES, CHIP 10K (1005)
R373	1-208-887-81 s	RES, CHIP 1.0K (1005)
R374	1-208-887-81 s	RES, CHIP 1.0K (1005)
R375	1-208-863-81 s	RES, CHIP 100 (1005)
R376	1-208-911-81 s	RES, CHIP 10K (1005)
R377	1-208-911-81 s	RES, CHIP 10K (1005)
R378	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R379	1-208-887-81 s	RES, CHIP 1.0K (1005)
R380	1-208-915-81 s	RES, CHIP 15K (1005)
R381	1-208-911-81 s	RES, CHIP 10K (1005)
R382	1-208-887-81 s	RES, CHIP 1.0K (1005)
R383	1-220-870-81 s	RES, CHIP 10 (1005)
R384	1-208-911-81 s	RES, CHIP 10K (1005)
R385	1-208-911-81 s	RES, CHIP 10K (1005)
R386	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R387	1-208-887-81 s	RES, CHIP 1.0K (1005)
R388	1-208-911-81 s	RES, CHIP 10K (1005)
R389	1-208-887-81 s	RES, CHIP 1.0K (1005)
R390	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R391	1-208-863-81 s	RES, CHIP 100 (1005)
R392	1-208-911-81 s	RES, CHIP 10K (1005)
R393	1-208-911-81 s	RES, CHIP 10K (1005)
R394	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R395	1-208-887-81 s	RES, CHIP 1.0K (1005)
R396	1-208-911-81 s	RES, CHIP 10K (1005)
R397	1-208-887-81 s	RES, CHIP 1.0K (1005)
R398	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R399	1-208-863-81 s	RES, CHIP 100 (1005)
R400	1-208-911-81 s	RES, CHIP 10K (1005)
R401	1-208-911-81 s	RES, CHIP 10K (1005)
R402	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R403	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R404	1-208-863-81 s	RES, CHIP 100 (1005)
R405	1-208-911-81 s	RES, CHIP 10K (1005)
R406	1-208-911-81 s	RES, CHIP 10K (1005)
R407	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R408	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R409	1-208-919-81 s	RES, CHIP 22K (1005)
R410	1-208-911-81 s	RES, CHIP 10K (1005)
R411	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R412	1-220-870-81 s	RES, CHIP 10 (1005)

BI-273 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R413	1-208-911-81 s	RES, CHIP 10K (1005)
R414	1-208-911-81 s	RES, CHIP 10K (1005)
R415	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R416	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R417	1-208-919-81 s	RES, CHIP 22K (1005)
R418	1-208-911-81 s	RES, CHIP 10K (1005)
R419	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R420	1-220-870-81 s	RES, CHIP 10 (1005)
R421	1-208-911-81 s	RES, CHIP 10K (1005)
R422	1-208-911-81 s	RES, CHIP 10K (1005)
R423	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R424	1-208-911-81 s	RES, CHIP 10K (1005)
R425	1-208-911-81 s	RES, CHIP 10K (1005)
R426	1-208-911-81 s	RES, CHIP 10K (1005)
R427	1-208-887-81 s	RES, CHIP 1.0K (1005)
R428	1-220-870-81 s	RES, CHIP 10 (1005)
R429	1-208-911-81 s	RES, CHIP 10K (1005)
R430	1-208-911-81 s	RES, CHIP 10K (1005)
R431	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R432	1-208-899-81 s	RES, CHIP 3.3K (1005)
R433	1-208-915-81 s	RES, CHIP 15K (1005)
R434	1-208-911-81 s	RES, CHIP 10K (1005)
R435	1-208-883-81 s	RES, CHIP 680 (1005)
R436	1-220-870-81 s	RES, CHIP 10 (1005)
R437	1-208-911-81 s	RES, CHIP 10K (1005)
R438	1-208-911-81 s	RES, CHIP 10K (1005)
R439	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R440	1-208-899-81 s	RES, CHIP 3.3K (1005)
R441	1-208-915-81 s	RES, CHIP 15K (1005)
R442	1-208-911-81 s	RES, CHIP 10K (1005)
R443	1-208-883-81 s	RES, CHIP 680 (1005)
R444	1-220-870-81 s	RES, CHIP 10 (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	1-208-887-81 s	RES, CHIP 1.0K (1005)
R449	1-208-911-81 s	RES, CHIP 10K (1005)
R450	1-208-887-81 s	RES, CHIP 1.0K (1005)
R451	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R452	1-208-863-81 s	RES, CHIP 100 (1005)
R453	1-208-911-81 s	RES, CHIP 10K (1005)
R454	1-208-911-81 s	RES, CHIP 10K (1005)
R455	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R456	1-208-887-81 s	RES, CHIP 1.0K (1005)
R457	1-208-911-81 s	RES, CHIP 10K (1005)
R458	1-208-887-81 s	RES, CHIP 1.0K (1005)
R459	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R460	1-208-863-81 s	RES, CHIP 100 (1005)
R461	1-208-911-81 s	RES, CHIP 10K (1005)
R462	1-208-911-81 s	RES, CHIP 10K (1005)
R463	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R464	1-208-915-81 s	RES, CHIP 15K (1005)
R465	1-208-911-81 s	RES, CHIP 10K (1005)
R466	1-208-899-81 s	RES, CHIP 3.3K (1005)
R468	1-208-883-81 s	RES, CHIP 680 (1005)
R469	1-220-870-81 s	RES, CHIP 10 (1005)
R470	1-208-911-81 s	RES, CHIP 10K (1005)
R471	1-208-911-81 s	RES, CHIP 10K (1005)
R472	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R473	1-208-915-81 s	RES, CHIP 15K (1005)
R474	1-208-911-81 s	RES, CHIP 10K (1005)
R475	1-208-887-81 s	RES, CHIP 1.0K (1005)
R476	1-208-887-81 s	RES, CHIP 1.0K (1005)
R477	1-220-870-81 s	RES, CHIP 10 (1005)
R478	1-208-911-81 s	RES, CHIP 10K (1005)

BI-273 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R479	1-208-911-81 s	RES, CHIP 10K (1005)
R480	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R481	1-216-864-91 s	CONDUCTOR, CHIP (1608)
RB301	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB302	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB303	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB304	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB305	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB306	1-234-381-21 s	RES, NETWORK 100K (1005X4)
S301	1-692-271-41 s	SWITCH, SLIDE
S302	1-692-271-41 s	SWITCH, SLIDE
S303	1-692-271-41 s	SWITCH, SLIDE
TP29	1-535-877-22 s	CHIP, CHECKER
TP30	1-535-877-22 s	CHIP, CHECKER
TP31	1-535-877-22 s	CHIP, CHECKER
TP32	1-535-877-22 s	CHIP, CHECKER
TP33	1-535-877-22 s	CHIP, CHECKER
TP34	1-535-877-22 s	CHIP, CHECKER
TP35	1-535-877-22 s	CHIP, CHECKER
X1	1-814-512-11 s	OSCILLATOR, CRYSTAL VCXO 148.5
X2	1-814-511-11 s	OSCILLATOR, CRYSTAL VCXO 148.3

CCM-66 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1851-614-A s	MOUNTED CIRCUIT BOARD, CCM-66
C102	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C103	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C104	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C105	1-164-854-81 s	CAP, CHIP CERAMIC 15PF CH 1005
C106	1-164-854-81 s	CAP, CHIP CERAMIC 15PF CH 1005
C107	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C108	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C109	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C110	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C111	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C113	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C114	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C115	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C116	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C117	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C118	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C119	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C120	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C121	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C122	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C123	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C124	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C125	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C126	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C127	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C128	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C129	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C202	1-100-671-91 s	CAP, CERAMIC 4.7MF C (3216)
C203	1-100-671-91 s	CAP, CERAMIC 4.7MF C (3216)
C204	1-100-671-91 s	CAP, CERAMIC 4.7MF C (3216)
C205	1-100-671-91 s	CAP, CERAMIC 4.7MF C (3216)
C208	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C209	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)

CCM-66 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C210	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C212	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C213	1-112-780-11 s	CAP, CERAMIC 0.47MF X7R 1608
C215	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C216	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C217	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C218	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C219	1-112-780-11 s	CAP, CERAMIC 0.47MF X7R 1608
C220	1-164-870-81 s	CAP, CHIP CERAMIC 68PF CH 1005
C226	1-116-378-11 s	CAP, AL SOLID ELECT 100MF 105
C227	1-116-378-11 s	CAP, AL SOLID ELECT 100MF 105
C228	1-116-378-11 s	CAP, AL SOLID ELECT 100MF 105
CN100	1-794-283-21 s	PIN, CONNECTOR (FOR PWB) 40P
CN101	1-842-464-11 s	CONNECTOR, CARD
CN102	1-793-365-21 s	CONNECTOR, USB (A)
CN103	1-793-365-21 s	CONNECTOR, USB (A)
CN200	1-770-627-21 s	PIN, CONNECTOR 10P
CN201	1-580-056-21 s	PIN, CONNECTOR (SMD) 3P
CN202	1-580-056-21 s	PIN, CONNECTOR (SMD) 3P
D103	6-502-843-01 s	DI CL-165HR/HG5-D-T
D200	8-719-988-61 s	DIODE 1SS355TE-17
D201	8-719-988-61 s	DIODE 1SS355TE-17
D202	8-719-988-61 s	DIODE 1SS355TE-17
D203	8-719-988-61 s	DIODE 1SS355TE-17
D204	6-501-123-01 s	DIODE RB160M-60TR
D205	6-501-123-01 s	DIODE RB160M-60TR
D207	8-719-083-60 s	DI UDZSUSTE-174.7B
D214	6-500-696-01 s	DI UDZSUSTE-173.0B
D215	6-500-696-01 s	DI UDZSUSTE-173.0B
D216	6-502-527-01 s	DI UDZSUSTE-172.2B
D217	6-502-527-01 s	DI UDZSUSTE-172.2B
E101	1-535-877-22 s	CHIP, CHECKER
E102	1-535-877-22 s	CHIP, CHECKER
E200	1-535-877-22 s	CHIP, CHECKER
E202	1-535-877-22 s	CHIP, CHECKER
E203	1-535-877-22 s	CHIP, CHECKER
FB100	1-469-110-21 s	FERRITE, EMI (SMD) (1608)
FB101	1-211-981-91 s	RES, CHIP 33 (1608)
FB102	1-211-981-91 s	RES, CHIP 33 (1608)
FB104	1-211-981-91 s	RES, CHIP 33 (1608)
FB105	1-211-981-91 s	RES, CHIP 33 (1608)
FB106	1-211-981-91 s	RES, CHIP 33 (1608)
FB107	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB108	1-216-864-91 s	CONDUCTOR, CHIP (1608)
FB109	1-216-864-91 s	CONDUCTOR, CHIP (1608)
FB110	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB111	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB112	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB113	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB114	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB115	1-400-382-21 s	EMI FERRITE (SMD) (1608)
IC102	6-716-675-01 s	IC USB2512B-AEZG
IC103	6-706-379-01 s	IC BD6516F
IC200	8-759-444-87 s	IC NJM324V(Te2)
L100	1-469-553-21 s	INDUCTOR, CHIP 4.7UH (LB2016)
L101	1-481-265-21 s	COMMON MODE CHOKE COIL
L102	1-481-265-21 s	COMMON MODE CHOKE COIL
L103	1-216-295-91 s	CONDUCTOR, CHIP (2012)
L104	1-216-295-91 s	CONDUCTOR, CHIP (2012)
L200	1-416-606-21 s	COIL, CHOKE (SMD) 47UH
L201	1-469-530-21 s	INDUCTOR, (SMD) 47UH
Q100	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q101	8-729-929-09 s	TRANSISTOR DTC123JE-TL

CCM-66 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q200	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q201	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q202	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q203	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q204	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q205	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q206	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q207	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q208	8-729-045-98 s	TRANSISTOR 2SB1201S-TL-E
Q209	8-729-045-98 s	TRANSISTOR 2SB1201S-TL-E
Q210	6-552-801-01 s	TR SI7114DN-T1-GE3
Q211	6-552-801-01 s	TR SI7114DN-T1-GE3
Q212	6-552-801-01 s	TR SI7114DN-T1-GE3
Q213	6-552-801-01 s	TR SI7114DN-T1-GE3
R109	1-208-911-81 s	RES, CHIP 10K (1005)
R111	1-208-881-81 s	RES, CHIP 560 (1005)
R112	1-208-915-81 s	RES, CHIP 15K (1005)
R113	1-208-915-81 s	RES, CHIP 15K (1005)
R114	1-208-911-81 s	RES, CHIP 10K (1005)
R115	1-208-911-81 s	RES, CHIP 10K (1005)
R116	1-208-959-81 s	RES, CHIP 1M (1005)
R117	1-220-878-81 s	RES, CHIP 22 (1005)
R118	1-208-927-81 s	RES, CHIP 47K (1005)
R123	1-208-935-81 s	RES, CHIP 100K (1005)
R124	1-208-935-81 s	RES, CHIP 100K (1005)
R125	1-208-935-81 s	RES, CHIP 100K (1005)
R126	1-208-935-81 s	RES, CHIP 100K (1005)
R129	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R132	1-208-935-81 s	RES, CHIP 100K (1005)
R133	1-208-863-81 s	RES, CHIP 100 (1005)
R134	1-208-863-81 s	RES, CHIP 100 (1005)
R135	1-208-863-81 s	RES, CHIP 100 (1005)
R136	1-208-863-81 s	RES, CHIP 100 (1005)
R138	1-208-935-81 s	RES, CHIP 100K (1005)
R140	1-208-935-81 s	RES, CHIP 100K (1005)
R142	1-208-915-81 s	RES, CHIP 15K (1005)
R143	1-208-915-81 s	RES, CHIP 15K (1005)
R144	1-208-915-81 s	RES, CHIP 15K (1005)
R145	1-208-915-81 s	RES, CHIP 15K (1005)
R147	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R148	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R150	1-208-875-81 s	RES, CHIP 330 (1005)
R151	1-208-875-81 s	RES, CHIP 330 (1005)
R152	1-208-871-81 s	RES, CHIP 220 (1005)
R153	1-208-907-81 s	RES, CHIP 6.8K (1005)
R156	1-220-878-81 s	RES, CHIP 22 (1005)
R157	1-220-878-81 s	RES, CHIP 22 (1005)
R158	1-220-878-81 s	RES, CHIP 22 (1005)
R200	1-208-935-81 s	RES, CHIP 100K (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	1-208-927-81 s	RES, CHIP 47K (1005)
R205	1-208-927-81 s	RES, CHIP 47K (1005)
R206	1-208-935-81 s	RES, CHIP 100K (1005)
R207	1-208-935-81 s	RES, CHIP 100K (1005)
R208	1-208-943-81 s	RES, CHIP 220K (1005)
R209	1-208-943-81 s	RES, CHIP 220K (1005)
R210	1-208-903-81 s	RES, CHIP 4.7K (1005)
R211	1-208-919-81 s	RES, CHIP 22K (1005)
R212	1-208-903-81 s	RES, CHIP 4.7K (1005)
R213	1-208-919-81 s	RES, CHIP 22K (1005)
R214	1-208-911-81 s	RES, CHIP 10K (1005)
R215	1-208-911-81 s	RES, CHIP 10K (1005)

CCM-66 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R216	1-208-931-81 s	RES, CHIP 68K (1005)
R217	1-208-931-81 s	RES, CHIP 68K (1005)
R218	1-208-927-81 s	RES, CHIP 47K (1005)
R219	1-208-927-81 s	RES, CHIP 47K (1005)
R220	1-208-927-81 s	RES, CHIP 47K (1005)
R221	1-208-927-81 s	RES, CHIP 47K (1005)
R222	1-208-935-81 s	RES, CHIP 100K (1005)
R223	1-208-935-81 s	RES, CHIP 100K (1005)
R224	1-216-789-91 s	RES, CHIP 2.2 (1608)
R225	1-216-789-91 s	RES, CHIP 2.2 (1608)
R226	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R227	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R228	1-216-789-91 s	RES, CHIP 2.2 (1608)
R229	1-216-789-91 s	RES, CHIP 2.2 (1608)
R230	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R231	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R232	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R233	1-208-863-81 s	RES, CHIP 100 (1005)
R234	1-208-907-81 s	RES, CHIP 6.8K (1005)
R235	1-208-895-81 s	RES, CHIP 2.2K (1005)
R236	1-208-895-81 s	RES, CHIP 2.2K (1005)
R237	1-208-883-81 s	RES, CHIP 680 (1005)
R239	1-208-911-81 s	RES, CHIP 10K (1005)
R240	1-208-899-81 s	RES, CHIP 3.3K (1005)
R241	1-208-899-81 s	RES, CHIP 3.3K (1005)
R242	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R244	1-218-871-91 s	RES, CHIP 10K (1608)
R245	1-220-878-81 s	RES, CHIP 22 (1005)
R246	1-220-878-81 s	RES, CHIP 22 (1005)
R247	1-208-887-81 s	RES, CHIP 1.0K (1005)
R248	1-208-887-81 s	RES, CHIP 1.0K (1005)
R249	1-208-947-81 s	RES, CHIP 330K (1005)
R250	1-208-863-81 s	RES, CHIP 100 (1005)
R251	1-208-863-81 s	RES, CHIP 100 (1005)
R252	1-244-161-81 s	RES, CHIP 2.2 (1005)
R253	1-244-161-81 s	RES, CHIP 2.2 (1005)
R254	1-208-927-81 s	RES, CHIP 47K (1005)
R255	1-208-927-81 s	RES, CHIP 47K (1005)
R256	1-240-247-91 s	RES, SQUARE TYPE CHIP 0.1
R257	1-244-161-81 s	RES, CHIP 2.2 (1005)
R258	1-208-927-81 s	RES, CHIP 47K (1005)
R259	1-244-161-81 s	RES, CHIP 2.2 (1005)
R260	1-208-927-81 s	RES, CHIP 47K (1005)
R261	1-257-089-11 s	RES, METAL PLATE 0.01
THP100	△ 1-802-264-11 s	THERMISTOR, POSITIVE
THP101	△ 1-802-263-11 s	THERMISTOR, POSITIVE
TP100	1-694-802-21 s	CONTACT TERMINAL
TP101	1-694-802-21 s	CONTACT TERMINAL
VDR100	1-802-245-11 s	ESD SUPPRESSOR
VDR101	1-802-245-11 s	ESD SUPPRESSOR
VDR102	1-802-245-11 s	ESD SUPPRESSOR
VDR103	1-802-245-11 s	ESD SUPPRESSOR
X100	1-813-205-11 s	VIBRATOR, CRYSTAL (24 MHz)

CN-3330 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1850-170-A s	MOUNTED CIRCUIT BOARD, CN-3330
C1	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608

CN-3330 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C2	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C3	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C4	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C5	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C6	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
CN1	1-766-696-11 o	CONNECTOR, ROUND TYPE 8P
CN2	1-770-626-21 s	PIN, CONNECTOR 9P
FB1	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB2	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB3	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB4	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
LF1	1-400-814-21 s	COIL, CHOKE

CN-3331 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1850-196-A s	MOUNTED CIRCUIT BOARD, CN-3331
CN1	1-794-959-21 o	PIN, CONNECTOR (PWB, PRINT)20P
CN2	1-779-804-21 s	CONNECTOR, BOARD TO BOARD 30P

CN-3335 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1850-171-A s	MOUNTED CIRCUIT BOARD, CN-3335
C1	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C2	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C3	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C4	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C5	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C6	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
CN1	1-816-041-12 s	CONNECTOR, ROUND TYPE 20P
CN2	1-778-336-21 s	PIN, CONNECTOR (PC BOARD) 14P
FB1	1-469-108-21 s	FERRITE, EMI (SMD) (1608)
FB2	1-469-108-21 s	FERRITE, EMI (SMD) (1608)
FB3	1-469-108-21 s	FERRITE, EMI (SMD) (1608)
FB4	1-500-456-21 s	ARRAY, FERRITE CHIP
FB5	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB6	1-469-108-21 s	FERRITE, EMI (SMD) (1608)
L1	1-457-455-11 s	CHOKE COIL 10UH

CN-3336 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1850-166-A s	MOUNTED CIRCUIT BOARD, CN-3336
1pc	3-364-941-01 s	SCREW (+B) (2.6X5), NYLON
C1	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C2	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C3	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C4	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C5	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005

CN-3336 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C6	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 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	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C10	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C11	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C12	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
CN1	1-562-221-31 s	CONNECTOR (ROUND TYPE) (R-F)12P
CN2	1-778-336-21 s	PIN, CONNECTOR (PC BOARD) 14P
FB1	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB2	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB3	1-500-456-21 s	ARRAY, FERRITE CHIP
FB4	1-500-456-21 s	ARRAY, FERRITE CHIP
FB5	1-469-108-21 s	FERRITE, EMI (SMD) (1608)
FB6	1-469-108-21 s	FERRITE, EMI (SMD) (1608)

CN-3346 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1850-175-A s	MOUNTED CIRCUIT BOARD, CN-3346
CN2	1-778-451-31 s	CONNECTOR, FFC/FPC(ZIF) AN 50P
CN3	1-770-623-21 s	PIN, CONNECTOR 6P
CN4	1-580-563-11 o	PIN, CONNECTOR (PC BOARD) 16P

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1851-623-A s	MOUNTED CIRCUIT BOARD, DIF-205
C1	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C2	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C3	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C4	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C5	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C6	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C7	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C8	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C9	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C10	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C11	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C12	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C15	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C16	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C17	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C18	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C19	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C20	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C22	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C23	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C24	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C25	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C26	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C27	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C28	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C30	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C31	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C32	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C33	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C34	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C35	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C36	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C38	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C41	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C42	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C43	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C44	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C45	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C46	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C47	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C48	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C49	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C50	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C51	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C52	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C53	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C54	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C55	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C56	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C57	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C58	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C59	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C60	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C61	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C62	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C63	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C64	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C65	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C66	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C67	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C68	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C69	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C70	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C71	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C72	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C73	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C74	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C75	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C76	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C85	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C86	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C87	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C88	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C89	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C90	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C91	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C92	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C93	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C94	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C95	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C96	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C98	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C99	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C100	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C101	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C102	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C103	1-112-324-91 s	CAP, CERAMIC 0.47MF C (1005)
C104	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C105	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C106	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C107	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C108	1-112-324-91 s	CAP, CERAMIC 0.47MF C (1005)
C109	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C110	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C111	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C112	1-164-868-81 s	CAP, CHIP CERAMIC 56PF CH 1005
C113	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C114	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C115	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C116	1-164-862-81 s	CAP, CHIP CERAMIC 33PF CH 1005
C117	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C118	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C119	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C120	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C121	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C126	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C127	1-164-843-81 s	CAP, CHIP CERAMIC 3PF CJ 1005
C128	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C129	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C130	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C131	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C132	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C133	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C134	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C135	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C136	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C137	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C138	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C139	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C140	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C141	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C142	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C143	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C144	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C145	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C146	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C147	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C148	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C149	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C150	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C151	1-164-848-81 s	CAP, CHIP CERAMIC 8PF CH 1005
C152	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C153	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C154	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C155	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C156	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C157	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C158	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
C159	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C160	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C161	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C162	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C163	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C164	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C165	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C166	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C167	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C168	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C169	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C170	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C171	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C172	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C173	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C174	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C175	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C664	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C665	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C666	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C667	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C668	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C669	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C670	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C671	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C672	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C673	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C674	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C675	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C676	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C677	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C678	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C679	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C680	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C681	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C682	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C683	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C684	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C685	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C686	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C687	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C688	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C689	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C690	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C691	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C692	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C693	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C694	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C695	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C696	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C697	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C698	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C699	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C700	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C701	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C702	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C703	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C704	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C705	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C706	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
CN3	1-764-243-31 o	CONNECTOR (COAXIAL)
CN4	1-817-456-21 s	CONNECTOR, COAXIAL
CN5	1-817-456-21 s	CONNECTOR, COAXIAL
CN7	1-822-507-21 s	CONNECTOR, BOARD TO BOARD 30P
CN8	1-818-210-21 s	PIN, CONNECTOR 2P
CN9	1-784-254-21 s	CONNECTOR 10P
D1	8-719-069-28 s	DI 1SS400FJTE61
D2	8-719-069-28 s	DI 1SS400FJTE61
D3	8-719-069-28 s	DI 1SS400FJTE61
D4	8-719-069-28 s	DI 1SS400FJTE61
D6	8-719-069-28 s	DI 1SS400FJTE61
D7	8-719-069-28 s	DI 1SS400FJTE61
D10	6-502-598-01 s	DI SML-D12U8WT86
D20	6-502-598-01 s	DI SML-D12U8WT86
E1	1-694-974-21 s	CONTACT TERMINAL
E2	1-694-974-21 s	CONTACT TERMINAL

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
E3	1-535-877-22 s	CHIP, CHECKER
E4	1-535-877-22 s	CHIP, CHECKER
E5	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)
FB6	1-469-100-21 s	FERRITE, EMI (SMD) (1608)
FB7	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB8	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB9	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB15	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB16	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB17	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB18	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB19	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB20	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB21	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB22	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB25	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB26	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB30	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB31	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB32	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB33	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB50	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB51	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB52	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB53	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB54	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB55	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB56	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB60	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB61	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB62	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB63	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB64	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB65	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB66	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
IC5	6-712-135-01 o	IC R1173H001D-T1-F
IC6	6-712-135-01 o	IC R1173H001D-T1-F
IC8	6-714-608-01 s	IC TPS51200DRCR
IC9	6-714-608-01 s	IC TPS51200DRCR
IC10	6-714-608-01 s	IC TPS51200DRCR
IC11	6-714-608-01 s	IC TPS51200DRCR
IC15	6-706-487-01 s	IC TC7SH08FU
IC16	6-706-489-01 s	IC TC7SH32FU
IC17	6-711-427-01 s	IC TC74VHC245FK (EL,K)
IC18	6-711-427-01 s	IC TC74VHC245FK (EL,K)
IC19	6-703-238-01 s	IC TC7WZ34FK
IC20	6-712-271-01 s	IC LM95245CIMMX
IC21	6-710-018-01 s	IC CAT24C02WI-GT3
IC22	8-759-689-06 s	IC LTC1660CGN-E2
IC23	6-701-917-01 s	IC TC7PA34FU (TE85R)
IC24	6-708-758-01 s	IC PCA9517DP.118
IC25	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC26	6-709-612-01 s	IC GS1574ACNE3
IC27	8-759-523-04 s	IC TC74HC4538AFT (EL)
IC28	6-706-489-01 s	IC TC7SH32FU
IC29	8-759-327-01 s	IC NJM062V (TE2)
IC30	6-706-478-01 s	IC TC7SET08FU
IC31	6-706-478-01 s	IC TC7SET08FU
IC32	8-759-675-54 s	IC TC7W53FK (TE85R)

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC33	8-759-327-14 s	IC TL712CPSR
IC34	6-706-488-01 s	IC TC7SH14FU
IC35	6-705-673-01 s	IC TC7PA53FU (TE85L.F)
IC36	6-705-673-01 s	IC TC7PA53FU (TE85L.F)
IC37	6-701-917-01 s	IC TC7PA34FU (TE85R)
IC38	6-709-647-01 s	IC TLC2932AIPWR
IC39	6-705-673-01 s	IC TC7PA53FU (TE85L.F)
IC40	8-759-687-37 s	IC OPA2340EA/2K5-S
IC41	6-706-484-01 s	IC TC7SH04FU
IC42	8-759-592-42 s	IC TC7SZ00FU (TE85R)
IC43	8-759-683-80 s	IC SN65LVDS1DBVR
IC44	6-700-225-01 s	IC TC74VCX157FT (EL)
IC45	6-702-982-01 s	IC TC7SA00FU (TE85R)
IC46	8-759-639-85 s	IC SN65LVDS31DR
IC47	6-714-109-01 s	IC LMK03000CISQ
IC50	6-701-917-01 s	IC TC7PA34FU (TE85R)
IC51	6-709-646-01 s	IC TLC2933AIPWR
IC52	8-759-687-37 s	IC OPA2340EA/2K5-S
IC53	6-712-373-01 s	IC TC7SH34FU
IC55	8-759-488-34 s	IC TLV2221CDBV
IC56	8-759-710-84 s	IC NJM2406F-TE2
IC57	6-712-373-01 s	IC TC7SH34FU
IC58	6-702-982-01 s	IC TC7SA00FU (TE85R)
IC59	8-759-488-34 s	IC TLV2221CDBV
IC60	8-759-710-84 s	IC NJM2406F-TE2
IC61	6-712-373-01 s	IC TC7SH34FU
IC62	6-702-982-01 s	IC TC7SA00FU (TE85R)
IC65	6-706-484-01 s	IC TC7SH04FU
IC66	6-711-497-01 s	IC TC74VCX541FK (EL)
IC69	6-701-917-01 s	IC TC7PA34FU (TE85R)
IC74	6-703-238-01 s	IC TC7WZ34FK
IC75	6-703-238-01 s	IC TC7WZ34FK
IC91	8-759-655-22 s	IC TC7WH34FK
IC92	6-704-643-01 s	IC R3112N21A-TR-FA
IC93	6-704-099-01 s	IC TC7WZ08FK
IC94	6-712-373-01 s	IC TC7SH34FU
IC95	6-711-427-01 s	IC TC74VHC245FK (EL,K)
L1	1-469-551-21 s	INDUCTOR, CHIP 2.2UH (LB2016)
L2	1-414-836-21 s	INDUCTOR, CHIP 4.7NH (1005)
L3	1-414-838-21 s	INDUCTOR, CHIP 6.8NH (1005)
L4	1-469-559-21 s	INDUCTOR, CHIP 47UH (LB2016)
L5	1-469-559-21 s	INDUCTOR, CHIP 47UH (LB2016)
L6	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L7	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L8	1-412-919-21 s	INDUCTOR 0.022UH (2520)
L9	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L10	1-469-559-21 s	INDUCTOR, CHIP 47UH (LB2016)
L12	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L13	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L15	1-469-555-21 s	INDUCTOR, CHIP 10UH (LB2016)
L20	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
Q1	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q2	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q3	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q4	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
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
Q10	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q11	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q15	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q20	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q21	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q22	8-729-929-09 s	TRANSISTOR DTC123JE-TL

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q23	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q24	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q30	8-729-928-55 s	TRANSISTOR DTA123JE-TL
Q31	8-729-928-55 s	TRANSISTOR DTA123JE-TL
R1	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5	1-208-911-81 s	RES, CHIP 10K (1005)
R6	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R9	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R10	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R11	1-208-903-81 s	RES, CHIP 4.7K (1005)
R12	1-208-903-81 s	RES, CHIP 4.7K (1005)
R13	1-208-903-81 s	RES, CHIP 4.7K (1005)
R14	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R15	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R16	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R17	1-208-883-81 s	RES, CHIP 680 (1005)
R18	1-208-883-81 s	RES, CHIP 680 (1005)
R19	1-208-895-81 s	RES, CHIP 2.2K (1005)
R20	1-208-895-81 s	RES, CHIP 2.2K (1005)
R21	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R22	1-208-911-81 s	RES, CHIP 10K (1005)
R23	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R26	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R27	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R28	1-208-903-81 s	RES, CHIP 4.7K (1005)
R29	1-208-903-81 s	RES, CHIP 4.7K (1005)
R30	1-208-903-81 s	RES, CHIP 4.7K (1005)
R31	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R32	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R33	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R34	1-208-883-81 s	RES, CHIP 680 (1005)
R35	1-208-883-81 s	RES, CHIP 680 (1005)
R36	1-208-895-81 s	RES, CHIP 2.2K (1005)
R37	1-208-895-81 s	RES, CHIP 2.2K (1005)
R38	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R40	1-208-863-81 s	RES, CHIP 100 (1005)
R41	1-208-895-81 s	RES, CHIP 2.2K (1005)
R42	1-208-887-81 s	RES, CHIP 1.0K (1005)
R43	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R44	1-208-863-81 s	RES, CHIP 100 (1005)
R45	1-208-895-81 s	RES, CHIP 2.2K (1005)
R46	1-208-887-81 s	RES, CHIP 1.0K (1005)
R52	1-208-911-81 s	RES, CHIP 10K (1005)
R53	1-208-911-81 s	RES, CHIP 10K (1005)
R54	1-208-911-81 s	RES, CHIP 10K (1005)
R55	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R56	1-208-911-81 s	RES, CHIP 10K (1005)
R57	1-208-911-81 s	RES, CHIP 10K (1005)
R58	1-208-911-81 s	RES, CHIP 10K (1005)
R59	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R60	1-208-911-81 s	RES, CHIP 10K (1005)
R61	1-208-911-81 s	RES, CHIP 10K (1005)
R62	1-208-911-81 s	RES, CHIP 10K (1005)
R63	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R64	1-208-911-81 s	RES, CHIP 10K (1005)
R65	1-208-911-81 s	RES, CHIP 10K (1005)
R66	1-208-911-81 s	RES, CHIP 10K (1005)
R67	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R69	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R70	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R71	1-208-911-81 s	RES, CHIP 10K (1005)
R72	1-208-911-81 s	RES, CHIP 10K (1005)
R76	1-220-878-81 s	RES, CHIP 22 (1005)

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R77	1-220-878-81 s	RES, CHIP 22 (1005)
R78	1-220-878-81 s	RES, CHIP 22 (1005)
R79	1-220-870-81 s	RES, CHIP 10 (1005)
R80	1-208-935-81 s	RES, CHIP 100K (1005)
R81	1-208-935-81 s	RES, CHIP 100K (1005)
R82	1-220-870-81 s	RES, CHIP 10 (1005)
R83	1-208-911-81 s	RES, CHIP 10K (1005)
R86	1-208-911-81 s	RES, CHIP 10K (1005)
R88	1-208-911-81 s	RES, CHIP 10K (1005)
R90	1-208-911-81 s	RES, CHIP 10K (1005)
R91	1-208-863-81 s	RES, CHIP 100 (1005)
R92	1-208-863-81 s	RES, CHIP 100 (1005)
R93	1-208-863-81 s	RES, CHIP 100 (1005)
R94	1-208-935-81 s	RES, CHIP 100K (1005)
R95	1-208-911-81 s	RES, CHIP 10K (1005)
R96	1-208-911-81 s	RES, CHIP 10K (1005)
R97	1-208-911-81 s	RES, CHIP 10K (1005)
R98	1-208-911-81 s	RES, CHIP 10K (1005)
R99	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R100	1-208-875-81 s	RES, CHIP 330 (1005)
R101	1-208-860-81 s	RES, CHIP 75 (1005)
R102	1-208-919-81 s	RES, CHIP 22K (1005)
R103	1-211-990-91 s	RES, CHIP 75 (1608)
R104	1-208-860-81 s	RES, CHIP 75 (1005)
R105	1-208-860-81 s	RES, CHIP 75 (1005)
R106	1-208-911-81 s	RES, CHIP 10K (1005)
R107	1-208-919-81 s	RES, CHIP 22K (1005)
R108	1-208-899-81 s	RES, CHIP 3.3K (1005)
R109	1-208-855-81 s	RES, CHIP 47 (1005)
R110	1-208-911-81 s	RES, CHIP 10K (1005)
R111	1-208-903-81 s	RES, CHIP 4.7K (1005)
R112	1-208-935-81 s	RES, CHIP 100K (1005)
R113	1-208-887-81 s	RES, CHIP 1.0K (1005)
R114	1-208-887-81 s	RES, CHIP 1.0K (1005)
R115	1-208-903-81 s	RES, CHIP 4.7K (1005)
R116	1-208-895-81 s	RES, CHIP 2.2K (1005)
R117	1-208-879-81 s	RES, CHIP 470 (1005)
R118	1-208-911-81 s	RES, CHIP 10K (1005)
R119	1-208-947-81 s	RES, CHIP 330K (1005)
R120	1-208-887-81 s	RES, CHIP 1.0K (1005)
R121	1-208-887-81 s	RES, CHIP 1.0K (1005)
R122	1-208-899-81 s	RES, CHIP 3.3K (1005)
R123	1-208-875-81 s	RES, CHIP 330 (1005)
R124	1-208-855-81 s	RES, CHIP 47 (1005)
R125	1-208-887-81 s	RES, CHIP 1.0K (1005)
R126	1-208-887-81 s	RES, CHIP 1.0K (1005)
R127	1-208-891-81 s	RES, CHIP 1.5K (1005)
R128	1-208-863-81 s	RES, CHIP 100 (1005)
R129	1-208-911-81 s	RES, CHIP 10K (1005)
R130	1-208-879-81 s	RES, CHIP 470 (1005)
R131	1-208-895-81 s	RES, CHIP 2.2K (1005)
R132	1-208-879-81 s	RES, CHIP 470 (1005)
R133	1-208-863-81 s	RES, CHIP 100 (1005)
R134	1-208-899-81 s	RES, CHIP 3.3K (1005)
R135	1-220-878-81 s	RES, CHIP 22 (1005)
R136	1-208-907-81 s	RES, CHIP 6.8K (1005)
R138	1-208-911-81 s	RES, CHIP 10K (1005)
R139	1-208-863-81 s	RES, CHIP 100 (1005)
R140	1-208-863-81 s	RES, CHIP 100 (1005)
R141	1-208-935-81 s	RES, CHIP 100K (1005)
R142	1-208-863-81 s	RES, CHIP 100 (1005)
R143	1-208-887-81 s	RES, CHIP 1.0K (1005)
R144	1-208-863-81 s	RES, CHIP 100 (1005)
R145	1-208-935-81 s	RES, CHIP 100K (1005)
R146	1-208-863-81 s	RES, CHIP 100 (1005)

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R147	1-208-895-81 s	RES, CHIP 2.2K (1005)
R148	1-208-863-81 s	RES, CHIP 100 (1005)
R150	1-208-863-81 s	RES, CHIP 100 (1005)
R151	1-220-878-81 s	RES, CHIP 22 (1005)
R152	1-220-878-81 s	RES, CHIP 22 (1005)
R153	1-220-878-81 s	RES, CHIP 22 (1005)
R154	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R155	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R156	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R157	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R158	1-208-927-81 s	RES, CHIP 47K (1005)
R159	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R160	1-208-927-81 s	RES, CHIP 47K (1005)
R161	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R162	1-208-891-81 s	RES, CHIP 1.5K (1005)
R163	1-243-975-81 s	RES, CHIP 4.7M (1005)
R164	1-208-863-81 s	RES, CHIP 100 (1005)
R165	1-208-907-81 s	RES, CHIP 6.8K (1005)
R166	1-208-883-81 s	RES, CHIP 680 (1005)
R167	1-208-911-81 s	RES, CHIP 10K (1005)
R168	1-208-917-81 s	RES, CHIP 18K (1005)
R169	1-208-895-81 s	RES, CHIP 2.2K (1005)
R170	1-208-911-81 s	RES, CHIP 10K (1005)
R171	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R172	1-208-887-81 s	RES, CHIP 1.0K (1005)
R174	1-208-887-81 s	RES, CHIP 1.0K (1005)
R175	1-208-887-81 s	RES, CHIP 1.0K (1005)
R176	1-208-911-81 s	RES, CHIP 10K (1005)
R177	1-208-911-81 s	RES, CHIP 10K (1005)
R178	1-208-867-81 s	RES, CHIP 150 (1005)
R179	1-208-855-81 s	RES, CHIP 47 (1005)
R180	1-208-863-81 s	RES, CHIP 100 (1005)
R181	1-208-911-81 s	RES, CHIP 10K (1005)
R182	1-220-870-81 s	RES, CHIP 10 (1005)
R183	1-220-870-81 s	RES, CHIP 10 (1005)
R187	1-220-870-81 s	RES, CHIP 10 (1005)
R188	1-208-911-81 s	RES, CHIP 10K (1005)
R191	1-220-870-81 s	RES, CHIP 10 (1005)
R192	1-220-870-81 s	RES, CHIP 10 (1005)
R193	1-220-870-81 s	RES, CHIP 10 (1005)
R194	1-220-870-81 s	RES, CHIP 10 (1005)
R196	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R197	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R198	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R199	1-208-863-81 s	RES, CHIP 100 (1005)
R201	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R203	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R204	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R205	1-208-869-81 s	RES, CHIP 180 (1005)
R206	1-208-869-81 s	RES, CHIP 180 (1005)
R207	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R208	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R209	1-208-869-81 s	RES, CHIP 180 (1005)
R210	1-208-869-81 s	RES, CHIP 180 (1005)
R211	1-208-895-81 s	RES, CHIP 2.2K (1005)
R212	1-208-911-81 s	RES, CHIP 10K (1005)
R213	1-208-887-81 s	RES, CHIP 1.0K (1005)
R214	1-208-903-81 s	RES, CHIP 4.7K (1005)
R215	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R220	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R221	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R222	1-208-911-81 s	RES, CHIP 10K (1005)
R224	1-208-887-81 s	RES, CHIP 1.0K (1005)
R225	1-208-915-81 s	RES, CHIP 15K (1005)
R226	1-208-911-81 s	RES, CHIP 10K (1005)

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R227	1-220-878-81 s	RES, CHIP 22 (1005)
R228	1-220-878-81 s	RES, CHIP 22 (1005)
R235	1-208-899-81 s	RES, CHIP 3.3K (1005)
R236	1-208-935-81 s	RES, CHIP 100K (1005)
R237	1-208-935-81 s	RES, CHIP 100K (1005)
R238	1-208-935-81 s	RES, CHIP 100K (1005)
R239	1-208-887-81 s	RES, CHIP 1.0K (1005)
R240	1-208-899-81 s	RES, CHIP 3.3K (1005)
R241	1-208-903-81 s	RES, CHIP 4.7K (1005)
R242	1-208-911-81 s	RES, CHIP 10K (1005)
R243	1-208-863-81 s	RES, CHIP 100 (1005)
R244	1-208-935-81 s	RES, CHIP 100K (1005)
R245	1-208-899-81 s	RES, CHIP 3.3K (1005)
R246	1-208-911-81 s	RES, CHIP 10K (1005)
R247	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R248	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R249	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R250	1-208-899-81 s	RES, CHIP 3.3K (1005)
R251	1-208-935-81 s	RES, CHIP 100K (1005)
R252	1-208-935-81 s	RES, CHIP 100K (1005)
R253	1-208-935-81 s	RES, CHIP 100K (1005)
R254	1-208-899-81 s	RES, CHIP 3.3K (1005)
R255	1-208-887-81 s	RES, CHIP 1.0K (1005)
R256	1-208-903-81 s	RES, CHIP 4.7K (1005)
R257	1-208-911-81 s	RES, CHIP 10K (1005)
R258	1-208-935-81 s	RES, CHIP 100K (1005)
R259	1-208-863-81 s	RES, CHIP 100 (1005)
R260	1-208-911-81 s	RES, CHIP 10K (1005)
R261	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R262	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R263	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R271	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R272	1-240-808-91 s	RES, CHIP 10K (0603)
R274	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R275	1-240-808-91 s	RES, CHIP 10K (0603)
R277	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R279	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R280	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R281	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R286	1-208-863-81 s	RES, CHIP 100 (1005)
R295	1-220-878-81 s	RES, CHIP 22 (1005)
R296	1-208-935-81 s	RES, CHIP 100K (1005)
R298	1-220-878-81 s	RES, CHIP 22 (1005)
R299	1-220-878-81 s	RES, CHIP 22 (1005)
R300	1-208-879-81 s	RES, CHIP 470 (1005)
R301	1-208-935-81 s	RES, CHIP 100K (1005)
R302	1-208-935-81 s	RES, CHIP 100K (1005)
R303	1-220-878-81 s	RES, CHIP 22 (1005)
R304	1-220-878-81 s	RES, CHIP 22 (1005)
R305	1-208-903-81 s	RES, CHIP 4.7K (1005)
R306	1-208-903-81 s	RES, CHIP 4.7K (1005)
R320	1-220-878-81 s	RES, CHIP 22 (1005)
R321	1-220-878-81 s	RES, CHIP 22 (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	1-220-878-81 s	RES, CHIP 22 (1005)
R328	1-220-878-81 s	RES, CHIP 22 (1005)
R329	1-220-878-81 s	RES, CHIP 22 (1005)
R330	1-220-878-81 s	RES, CHIP 22 (1005)
R331	1-220-878-81 s	RES, CHIP 22 (1005)
R332	1-220-878-81 s	RES, CHIP 22 (1005)
R333	1-208-863-81 s	RES, CHIP 100 (1005)

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R334	1-208-863-81 s	RES, CHIP 100 (1005)
R335	1-208-863-81 s	RES, CHIP 100 (1005)
R336	1-208-935-81 s	RES, CHIP 100K (1005)
R337	1-208-935-81 s	RES, CHIP 100K (1005)
R338	1-208-935-81 s	RES, CHIP 100K (1005)
R339	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R340	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R342	1-220-878-81 s	RES, CHIP 22 (1005)
R343	1-220-878-81 s	RES, CHIP 22 (1005)
R344	1-220-878-81 s	RES, CHIP 22 (1005)
R345	1-220-878-81 s	RES, CHIP 22 (1005)
R346	1-220-878-81 s	RES, CHIP 22 (1005)
R347	1-208-863-81 s	RES, CHIP 100 (1005)
R348	1-208-863-81 s	RES, CHIP 100 (1005)
R350	1-208-911-81 s	RES, CHIP 10K (1005)
R351	1-220-878-81 s	RES, CHIP 22 (1005)
R352	1-220-878-81 s	RES, CHIP 22 (1005)
R353	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R354	1-208-911-81 s	RES, CHIP 10K (1005)
R355	1-208-911-81 s	RES, CHIP 10K (1005)
R356	1-218-863-91 s	RES, CHIP 4.7K (1608)
R357	1-208-895-81 s	RES, CHIP 2.2K (1005)
R358	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R359	1-208-895-81 s	RES, CHIP 2.2K (1005)
R360	1-208-911-81 s	RES, CHIP 10K (1005)
R361	1-208-903-81 s	RES, CHIP 4.7K (1005)
R370	1-208-863-81 s	RES, CHIP 100 (1005)
R371	1-208-863-81 s	RES, CHIP 100 (1005)
R372	1-208-863-81 s	RES, CHIP 100 (1005)
R373	1-208-863-81 s	RES, CHIP 100 (1005)
R374	1-208-863-81 s	RES, CHIP 100 (1005)
R375	1-208-855-81 s	RES, CHIP 47 (1005)
R376	1-208-855-81 s	RES, CHIP 47 (1005)
R377	1-208-903-81 s	RES, CHIP 4.7K (1005)
R378	1-208-855-81 s	RES, CHIP 47 (1005)
R379	1-208-855-81 s	RES, CHIP 47 (1005)
R380	1-208-903-81 s	RES, CHIP 4.7K (1005)
R381	1-208-855-81 s	RES, CHIP 47 (1005)
R382	1-208-855-81 s	RES, CHIP 47 (1005)
R390	1-208-863-81 s	RES, CHIP 100 (1005)
R391	1-208-863-81 s	RES, CHIP 100 (1005)
R392	1-208-863-81 s	RES, CHIP 100 (1005)
R393	1-208-863-81 s	RES, CHIP 100 (1005)
R394	1-208-863-81 s	RES, CHIP 100 (1005)
R395	1-208-855-81 s	RES, CHIP 47 (1005)
R396	1-208-855-81 s	RES, CHIP 47 (1005)
R397	1-208-903-81 s	RES, CHIP 4.7K (1005)
R398	1-208-855-81 s	RES, CHIP 47 (1005)
R399	1-208-855-81 s	RES, CHIP 47 (1005)
R400	1-208-903-81 s	RES, CHIP 4.7K (1005)
R401	1-208-855-81 s	RES, CHIP 47 (1005)
R402	1-208-855-81 s	RES, CHIP 47 (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	1-208-863-81 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)
R432	1-208-863-81 s	RES, CHIP 100 (1005)

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R433	1-208-863-81 s	RES, CHIP 100 (1005)
R434	1-208-863-81 s	RES, CHIP 100 (1005)
R435	1-208-863-81 s	RES, CHIP 100 (1005)
R436	1-208-863-81 s	RES, CHIP 100 (1005)
R437	1-208-863-81 s	RES, CHIP 100 (1005)
R438	1-208-863-81 s	RES, CHIP 100 (1005)
R439	1-208-863-81 s	RES, CHIP 100 (1005)
R450	1-208-855-81 s	RES, CHIP 47 (1005)
R451	1-208-855-81 s	RES, CHIP 47 (1005)
R452	1-208-855-81 s	RES, CHIP 47 (1005)
R453	1-208-855-81 s	RES, CHIP 47 (1005)
R454	1-208-855-81 s	RES, CHIP 47 (1005)
R455	1-208-855-81 s	RES, CHIP 47 (1005)
R457	1-208-903-81 s	RES, CHIP 4.7K (1005)
R458	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R459	1-208-903-81 s	RES, CHIP 4.7K (1005)
R460	1-208-855-81 s	RES, CHIP 47 (1005)
R461	1-208-855-81 s	RES, CHIP 47 (1005)
R462	1-208-903-81 s	RES, CHIP 4.7K (1005)
R463	1-208-903-81 s	RES, CHIP 4.7K (1005)
R480	1-208-911-81 s	RES, CHIP 10K (1005)
R481	1-208-903-81 s	RES, CHIP 4.7K (1005)
R482	1-220-878-81 s	RES, CHIP 22 (1005)
R483	1-208-903-81 s	RES, CHIP 4.7K (1005)
R484	1-220-878-81 s	RES, CHIP 22 (1005)
R485	1-220-878-81 s	RES, CHIP 22 (1005)
R486	1-220-878-81 s	RES, CHIP 22 (1005)
R487	1-220-878-81 s	RES, CHIP 22 (1005)
R488	1-220-878-81 s	RES, CHIP 22 (1005)
R489	1-220-878-81 s	RES, CHIP 22 (1005)
R490	1-220-878-81 s	RES, CHIP 22 (1005)
R491	1-220-878-81 s	RES, CHIP 22 (1005)
R492	1-220-878-81 s	RES, CHIP 22 (1005)
R493	1-220-878-81 s	RES, CHIP 22 (1005)
R494	1-220-878-81 s	RES, CHIP 22 (1005)
R495	1-220-878-81 s	RES, CHIP 22 (1005)
R496	1-218-895-91 s	RES, CHIP 100K (1608)
R497	1-220-878-81 s	RES, CHIP 22 (1005)
R500	1-208-903-81 s	RES, CHIP 4.7K (1005)
R501	1-208-903-81 s	RES, CHIP 4.7K (1005)
R502	1-208-911-81 s	RES, CHIP 10K (1005)
R503	1-220-878-81 s	RES, CHIP 22 (1005)
R504	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R505	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R506	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R507	1-208-903-81 s	RES, CHIP 4.7K (1005)
R508	1-208-903-81 s	RES, CHIP 4.7K (1005)
R509	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R510	1-208-903-81 s	RES, CHIP 4.7K (1005)
R511	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R512	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R517	1-220-878-81 s	RES, CHIP 22 (1005)
R522	1-208-935-81 s	RES, CHIP 100K (1005)
R523	1-208-911-81 s	RES, CHIP 10K (1005)
R525	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R527	1-220-878-81 s	RES, CHIP 22 (1005)
R528	1-208-887-81 s	RES, CHIP 1.0K (1005)
R529	1-208-935-81 s	RES, CHIP 100K (1005)
R530	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R532	1-208-887-81 s	RES, CHIP 1.0K (1005)
R533	1-208-887-81 s	RES, CHIP 1.0K (1005)
R534	1-208-879-81 s	RES, CHIP 470 (1005)
R535	1-208-887-81 s	RES, CHIP 1.0K (1005)
R536	1-208-887-81 s	RES, CHIP 1.0K (1005)
R537	1-220-878-81 s	RES, CHIP 22 (1005)

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R538	1-220-878-81 s	RES, CHIP 22 (1005)
R539	1-220-878-81 s	RES, CHIP 22 (1005)
R540	1-220-878-81 s	RES, CHIP 22 (1005)
R541	1-220-878-81 s	RES, CHIP 22 (1005)
R542	1-220-878-81 s	RES, CHIP 22 (1005)
R543	1-208-903-81 s	RES, CHIP 4.7K (1005)
R544	1-208-875-81 s	RES, CHIP 330 (1005)
R546	1-220-878-81 s	RES, CHIP 22 (1005)
R547	1-220-878-81 s	RES, CHIP 22 (1005)
R548	1-216-809-91 s	RES, CHIP 100 (1608)
R549	1-216-809-91 s	RES, CHIP 100 (1608)
R550	1-208-903-81 s	RES, CHIP 4.7K (1005)
R551	1-208-903-81 s	RES, CHIP 4.7K (1005)
R552	1-208-903-81 s	RES, CHIP 4.7K (1005)
R553	1-208-887-81 s	RES, CHIP 1.0K (1005)
R554	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R555	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R556	1-220-878-81 s	RES, CHIP 22 (1005)
R558	1-208-879-81 s	RES, CHIP 470 (1005)
R559	1-208-879-81 s	RES, CHIP 470 (1005)
RB1	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB2	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB3	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB4	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB5	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB6	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB7	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB8	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB9	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB15	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB16	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB17	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB18	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB19	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB20	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB21	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB22	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB25	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB26	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB27	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB28	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB29	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB30	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB31	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB32	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB33	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB34	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB35	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB36	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB37	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB38	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB39	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB40	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB41	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB42	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB43	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB44	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB45	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB46	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB47	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB48	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB52	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB54	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB55	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB56	1-234-371-21 s	RES, NETWORK 47 (1005X4)

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
RB57	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB58	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB59	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB60	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB61	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB62	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB63	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB64	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB65	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB66	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB67	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB68	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB69	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB70	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB71	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB72	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB73	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB74	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB75	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB78	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB79	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB80	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB81	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB82	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB83	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB84	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB85	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB86	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB87	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB88	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB89	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB93	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB94	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB95	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB96	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB97	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB98	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB99	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB100	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB101	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB102	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB103	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB104	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB105	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB106	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB107	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB108	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB109	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB110	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB111	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB112	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB113	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB114	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB115	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB116	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB117	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB118	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB119	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB120	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB121	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB122	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB123	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB124	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB125	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB126	1-234-370-21 s	RES, NETWORK 22 (1005X4)

DIF-205 BOARD

Ref. No. or Q'ty	Part No.	SP Description
RB127	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB128	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB129	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB130	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB131	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB132	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB133	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB134	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB135	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB136	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB137	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB138	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB139	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB140	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB141	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB142	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB143	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB144	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB145	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB146	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB147	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB148	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB149	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB150	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB151	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB152	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB160	1-234-375-21 s	RES, NETWORK 1K (1005X4)
S1	1-692-881-41 s	SWITCH, SLIDE
S2	1-572-921-21 s	SWITCH, KEY BOARD
TP1	1-535-877-22 s	CHIP, CHECKER
X1	1-814-512-11 s	OSCILLATOR, CRYSTAL VCXO 148.5
X2	1-814-511-11 s	OSCILLATOR, CRYSTAL VCXO 148.3
X3	1-795-677-12 s	OSCILLATOR, CRYSTAL (VCXO)3.3V
X4	1-813-419-11 s	OSCILLATOR,CRYSTAL DSO321SV

DU-560 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C1	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
CN1	1-770-623-21 s	PIN, CONNECTOR 6P
R1	1-208-855-81 s	RES, CHIP 47 (1005)
R2	1-208-855-81 s	RES, CHIP 47 (1005)
R3	1-208-855-81 s	RES, CHIP 47 (1005)
R4	1-208-855-81 s	RES, CHIP 47 (1005)

LP-125 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1850-169-A s	MOUNTED CIRCUIT BOARD, LP-125
C1	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C2	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
CN1	1-785-946-21 s	CONNECTOR 3P
D1	8-719-053-96 s	DIODE CL-200HR-C-TUL
FB1	1-414-445-21 s	FERRITE, EMI (SMD) (1608)

LP-125 BOARD

Ref. No. or Q'ty	Part No.	SP Description
FB2	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
FB3	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
Q1	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
R1	1-208-867-81 s	RES, CHIP 150 (1005)

LP-126 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1850-168-A s	MOUNTED CIRCUIT BOARD, LP-126
C1	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C2	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C3	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
CN1	1-770-620-21 s	PIN, CONNECTOR 3P
D1	6-501-209-01 s	DIODE CL-221G-C-TS
D2	6-501-209-01 s	DIODE CL-221G-C-TS
FB1	1-414-445-21 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)
R1	1-208-875-81 s	RES, CHIP 330 (1005)
R2	1-208-875-81 s	RES, CHIP 330 (1005)

MB-1169 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1851-620-A s	MOUNTED CIRCUIT BOARD, MB-1169
12pcs	3-729-061-02 s	SCREW (M2) (TYPE 1)
C2	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
CN6	1-750-635-21 o	PIN, CONNECTOR (PC BOARD) 5P
CN7	1-778-652-31 s	CONNECTOR, FFC (ZIF) 50P
CN8	1-785-125-21 s	CONNECTOR 6P
CN9	1-695-479-21 o	PIN, CONNECTOR (PC BOARD) 2P
CN10	1-770-626-21 s	PIN, CONNECTOR 9P
CN11	1-770-625-21 s	PIN, CONNECTOR 8P
CN12	1-793-911-21 s	PIN, CONNECTOR (WITH PWB) 30P
CN13	1-764-243-31 o	CONNECTOR (COAXIAL)
CN14	1-764-243-31 o	CONNECTOR (COAXIAL)
CN15	1-770-627-21 s	PIN, CONNECTOR 10P
CN16	1-778-336-21 s	PIN, CONNECTOR (PC BOARD) 14P
CN17	1-770-625-21 s	PIN, CONNECTOR 8P
CN18	1-794-959-21 o	PIN, CONNECTOR (PWB, PRINT) 20P
CN19	1-770-620-21 s	PIN, CONNECTOR 3P
CN20	1-778-965-21 s	CONNECTOR 12P
CN21	1-779-993-21 s	PIN, CONNECTOR (PWB) 5P
CN22	1-793-027-21 s	CONNECTOR 14P
CN23	1-580-564-11 o	PIN, CONNECTOR (PC BOARD) 18P
FB1	1-400-832-21 s	SMD EMI FERRITE
FB2	1-400-832-21 s	SMD EMI FERRITE
FB3	1-400-832-21 s	SMD EMI FERRITE
FB4	1-400-832-21 s	SMD EMI FERRITE
FB5	1-400-832-21 s	SMD EMI FERRITE
FB6	1-400-832-21 s	SMD EMI FERRITE
FB7	1-400-832-21 s	SMD EMI FERRITE
FB8	1-400-832-21 s	SMD EMI FERRITE
FB9	1-400-832-21 s	SMD EMI FERRITE

MB-1169 BOARD

Ref. No. or Q'ty	Part No.	SP Description
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	1-400-832-21 s	SMD EMI FERRITE
FB15	1-400-832-21 s	SMD EMI FERRITE
FB16	1-400-832-21 s	SMD EMI FERRITE
FB17	1-400-832-21 s	SMD EMI FERRITE
FB18	1-400-832-21 s	SMD EMI FERRITE
FB19	1-400-832-21 s	SMD EMI FERRITE
FB20	1-400-832-21 s	SMD EMI FERRITE
FB21	1-400-832-21 s	SMD EMI FERRITE
FB22	1-400-832-21 s	SMD EMI FERRITE
FB23	1-400-832-21 s	SMD EMI FERRITE
FB24	1-400-832-21 s	SMD EMI FERRITE
FB25	1-400-832-21 s	SMD EMI FERRITE
FB26	1-400-832-21 s	SMD EMI FERRITE
FB27	1-400-832-21 s	SMD EMI FERRITE
FB28	1-400-832-21 s	SMD EMI FERRITE
FB29	1-400-832-21 s	SMD EMI FERRITE
FB30	1-400-832-21 s	SMD EMI FERRITE
FB31	1-400-832-21 s	SMD EMI FERRITE
FB32	1-400-832-21 s	SMD EMI FERRITE
FB33	1-400-832-21 s	SMD EMI FERRITE
FB34	1-400-832-21 s	SMD EMI FERRITE
FB35	1-400-832-21 s	SMD EMI FERRITE
FB36	1-400-832-21 s	SMD EMI FERRITE
FB37	1-400-832-21 s	SMD EMI FERRITE
FB38	1-400-832-21 s	SMD EMI FERRITE
FB39	1-400-832-21 s	SMD EMI FERRITE
FB40	1-400-832-21 s	SMD EMI FERRITE
FB41	1-400-832-21 s	SMD EMI FERRITE
FB42	1-400-832-21 s	SMD EMI FERRITE
FB43	1-400-832-21 s	SMD EMI FERRITE
FB44	1-400-832-21 s	SMD EMI FERRITE
FB45	1-400-832-21 s	SMD EMI FERRITE
FB46	1-400-832-21 s	SMD EMI FERRITE
FB47	1-400-832-21 s	SMD EMI FERRITE
FB48	1-400-832-21 s	SMD EMI FERRITE
FB49	1-400-832-21 s	SMD EMI FERRITE
FB50	1-400-832-21 s	SMD EMI FERRITE
FB51	1-400-832-21 s	SMD EMI FERRITE
FB52	1-400-832-21 s	SMD EMI FERRITE
FB53	1-400-832-21 s	SMD EMI FERRITE
FB54	1-400-832-21 s	SMD EMI FERRITE
FB55	1-400-832-21 s	SMD EMI FERRITE
FB56	1-400-832-21 s	SMD EMI FERRITE
FB57	1-400-832-21 s	SMD EMI FERRITE
FB58	1-400-832-21 s	SMD EMI FERRITE
FB59	1-400-832-21 s	SMD EMI FERRITE
FB60	1-400-832-21 s	SMD EMI FERRITE
FB61	1-400-832-21 s	SMD EMI FERRITE
FB62	1-400-832-21 s	SMD EMI FERRITE
FB63	1-400-832-21 s	SMD EMI FERRITE
FB64	1-400-832-21 s	SMD EMI FERRITE
FB65	1-400-832-21 s	SMD EMI FERRITE
FB66	1-400-832-21 s	SMD EMI FERRITE
FB67	1-400-832-21 s	SMD EMI FERRITE
FB68	1-400-832-21 s	SMD EMI FERRITE
FB69	1-400-832-21 s	SMD EMI FERRITE
FB70	1-400-832-21 s	SMD EMI FERRITE
FB71	1-400-832-21 s	SMD EMI FERRITE
FB72	1-400-832-21 s	SMD EMI FERRITE
FB73	1-400-832-21 s	SMD EMI FERRITE
FB74	1-400-832-21 s	SMD EMI FERRITE

MB-1169 BOARD

Ref. No. or Q'ty	Part No.	SP Description
FB75	1-400-832-21 s	SMD EMI FERRITE
FB76	1-400-832-21 s	SMD EMI FERRITE
FB77	1-400-832-21 s	SMD EMI FERRITE
FB78	1-400-832-21 s	SMD EMI FERRITE
FB79	1-400-832-21 s	SMD EMI FERRITE
FB80	1-400-832-21 s	SMD EMI FERRITE
FB81	1-400-832-21 s	SMD EMI FERRITE
FB82	1-400-832-21 s	SMD EMI FERRITE
FB83	1-400-832-21 s	SMD EMI FERRITE
FB84	1-400-832-21 s	SMD EMI FERRITE
FB85	1-400-832-21 s	SMD EMI FERRITE
FB86	1-400-832-21 s	SMD EMI FERRITE
FB87	1-400-832-21 s	SMD EMI FERRITE
FB88	1-400-832-21 s	SMD EMI FERRITE
FB89	1-400-832-21 s	SMD EMI FERRITE
FB90	1-400-832-21 s	SMD EMI FERRITE
FB91	1-400-832-21 s	SMD EMI FERRITE
FB92	1-400-832-21 s	SMD EMI FERRITE
FB93	1-400-832-21 s	SMD EMI FERRITE
FB94	1-400-832-21 s	SMD EMI FERRITE
FB95	1-400-832-21 s	SMD EMI FERRITE
FB96	1-400-832-21 s	SMD EMI FERRITE
FB97	1-400-832-21 s	SMD EMI FERRITE
FB98	1-400-832-21 s	SMD EMI FERRITE
FB99	1-400-832-21 s	SMD EMI FERRITE
FB100	1-400-832-21 s	SMD EMI FERRITE
FB101	1-400-832-21 s	SMD EMI FERRITE
FB102	1-400-832-21 s	SMD EMI FERRITE
FL1	1-239-897-22 s	FILTER, EMI (SMD)
FL2	1-239-897-22 s	FILTER, EMI (SMD)
IC1	6-710-018-01 s	IC CAT24C02WI-GT3
L1	1-412-983-41 s	INDUCTOR, SMALL TYPE 2.2UH
R1	1-208-935-81 s	RES, CHIP 100K (1005)
R2	1-208-935-81 s	RES, CHIP 100K (1005)
R3	1-208-887-81 s	RES, CHIP 1.0K (1005)
R4	1-208-887-81 s	RES, CHIP 1.0K (1005)
R5	1-208-887-81 s	RES, CHIP 1.0K (1005)

NET-11 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1850-194-A s	MOUNTED CIRCUIT BOARD, NET-11
C1	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C6	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C7	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C8	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
CN1	1-819-875-21 s	ETHERNET CONNECTOR (8P)
CN2	1-764-080-21 o	PIN, CONNECTOR (PC BOARD) 8P
R1	1-220-870-81 s	RES, CHIP 10 (1005)

PRE-48 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1851-616-A s	MOUNTED CIRCUIT BOARD, PRE-48

PRE-48 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C1	1-137-894-21 s	CAP, CHIP ELECT 470MF
C2	1-114-250-21 s	CAP, ELECT 150MF (8X6.9)
C3	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C4	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C5	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C6	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C7	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C9	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C10	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C12	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C13	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C14	1-114-533-21 s	CAP, ELECT 330MF
C15	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C16	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C18	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C19	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C20	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C21	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C22	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C24	1-114-533-21 s	CAP, ELECT 330MF
C25	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C26	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C27	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C28	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C30	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C31	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C32	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C34	1-114-533-21 s	CAP, ELECT 330MF
C35	1-137-894-21 s	CAP, CHIP ELECT 470MF
C36	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C37	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C38	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C40	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C41	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C43	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C44	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C45	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C46	1-116-378-11 s	CAP, AL SOLID ELECT 100MF 105
C60	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C61	1-114-238-91 s	CAP, CERAMIC 22MF B
C63	1-114-238-91 s	CAP, CERAMIC 22MF B
C64	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C66	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C67	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C68	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C69	1-114-533-21 s	CAP, ELECT 330MF
C70	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C71	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C72	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C74	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C75	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C76	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C77	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C78	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C79	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C80	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C81	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C82	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C83	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C84	1-114-238-91 s	CAP, CERAMIC 22MF B
C85	1-114-238-91 s	CAP, CERAMIC 22MF B
C87	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C88	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C90	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C91	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)

PRE-48 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C92	1-114-533-21 s	CAP, ELECT 330MF
C94	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C95	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C96	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C97	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C98	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C100	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C101	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C104	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C105	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C106	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C107	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C108	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C109	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C110	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
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	1-114-238-91 s	CAP, CERAMIC 22MF B
C115	1-114-238-91 s	CAP, CERAMIC 22MF B
C117	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C119	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C120	1-100-880-91 s	CAP, CERAMIC 100MF C (3225)
C121	1-114-533-21 s	CAP, ELECT 330MF
C122	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C123	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C130	1-127-715-91 s	CAP,CHIP CERAMIC 0.22MF B 1608
C131	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C132	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C133	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
CN1	1-580-538-11 o	PIN, CONNECTOR (PC BOARD) 18P
D2	8-719-083-60 s	DI UDZSUSTE-174.7B
D3	8-719-083-60 s	DI UDZSUSTE-174.7B
D5	6-502-598-01 s	DI SML-D12U8WT86
E1	1-694-974-21 s	CONTACT TERMINAL
E2	1-694-974-21 s	CONTACT TERMINAL
E4	1-535-877-22 s	CHIP, CHECKER
E5	1-535-877-22 s	CHIP, CHECKER
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)
IC1	6-718-283-01 s	IC LTC6902CMS#TR
IC7	6-713-169-01 s	IC LTC3412AEFE#TR
IC9	6-710-786-01 s	IC TC7SH125FU
IC10	8-759-327-01 s	IC NJM062V (TE2)
IC11	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC13	6-710-786-01 s	IC TC7SH125FU
IC20	6-704-567-01 s	IC R3112N451A-TR-FA
IC21	6-710-786-01 s	IC TC7SH125FU
IC22	6-706-474-01 s	IC TC7SET00FU
IC23	6-706-487-01 s	IC TC7SH08FU
L3	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L4	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L5	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L6	1-457-372-21 s	COIL, CHOK 1UH
L7	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
Q1	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q2	6-552-494-01 s	TR SI2307CDS-T1-GE3
Q3	8-729-209-73 s	TRANSISTOR 2SA1213Y-TE12L
Q4	8-729-209-77 s	TRANSISTOR 2SC2873Y-TE12L
Q5	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q6	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q7	8-729-928-82 s	TRANSISTOR DTC144EE-TL

PRE-48 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R3	1-208-927-81 s	RES, CHIP 47K (1005)
R4	1-208-923-81 s	RES, CHIP 33K (1005)
R6	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R7	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R9	1-208-855-81 s	RES, CHIP 47 (1005)
R10	1-208-855-81 s	RES, CHIP 47 (1005)
R11	1-208-855-81 s	RES, CHIP 47 (1005)
R13	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R14	1-218-446-91 s	RES, CHIP 1 (1608)
R15	1-208-927-81 s	RES, CHIP 47K (1005)
R16	1-208-927-81 s	RES, CHIP 47K (1005)
R18	1-208-943-81 s	RES, CHIP 220K (1005)
R19	1-208-943-81 s	RES, CHIP 220K (1005)
R21	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R23	1-208-911-81 s	RES, CHIP 10K (1005)
R25	1-208-911-81 s	RES, CHIP 10K (1005)
R26	1-208-863-81 s	RES, CHIP 100 (1005)
R27	1-208-863-81 s	RES, CHIP 100 (1005)
R28	1-208-947-81 s	RES, CHIP 330K (1005)
R29	1-208-923-81 s	RES, CHIP 33K (1005)
R30	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R31	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R32	1-218-446-91 s	RES, CHIP 1 (1608)
R33	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R35	1-208-943-81 s	RES, CHIP 220K (1005)
R38	1-208-943-81 s	RES, CHIP 220K (1005)
R40	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R41	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R43	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R44	1-208-911-81 s	RES, CHIP 10K (1005)
R45	1-218-446-91 s	RES, CHIP 1 (1608)
R46	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R48	1-208-943-81 s	RES, CHIP 220K (1005)
R51	1-208-943-81 s	RES, CHIP 220K (1005)
R53	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R54	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R55	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R56	1-218-446-91 s	RES, CHIP 1 (1608)
R57	1-208-927-81 s	RES, CHIP 47K (1005)
R58	1-208-927-81 s	RES, CHIP 47K (1005)
R60	1-208-943-81 s	RES, CHIP 220K (1005)
R61	1-208-943-81 s	RES, CHIP 220K (1005)
R65	1-208-911-81 s	RES, CHIP 10K (1005)
R66	1-208-911-81 s	RES, CHIP 10K (1005)
R67	1-208-927-81 s	RES, CHIP 47K (1005)
R68	1-208-911-81 s	RES, CHIP 10K (1005)
R69	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R71	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R72	1-208-911-81 s	RES, CHIP 10K (1005)
R85	1-218-446-91 s	RES, CHIP 1 (1608)
R87	1-208-943-81 s	RES, CHIP 220K (1005)
R88	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R89	1-208-927-81 s	RES, CHIP 47K (1005)
R90	1-208-943-81 s	RES, CHIP 220K (1005)
R91	1-208-927-81 s	RES, CHIP 47K (1005)
R95	1-208-911-81 s	RES, CHIP 10K (1005)
R96	1-208-911-81 s	RES, CHIP 10K (1005)
R97	1-208-871-81 s	RES, CHIP 220 (1005)
R98	1-208-911-81 s	RES, CHIP 10K (1005)
R99	1-208-943-81 s	RES, CHIP 220K (1005)
R100	1-208-919-81 s	RES, CHIP 22K (1005)
R101	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R103	1-208-911-81 s	RES, CHIP 10K (1005)
R104	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R105	1-218-990-81 s	CONDUCTOR, CHIP (1005)

PRE-48 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R109	1-208-927-81 s	RES, CHIP 47K (1005)
R110	1-208-927-81 s	RES, CHIP 47K (1005)
R111	1-208-913-81 s	RES, CHIP 12K (1005)
R112	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R113	1-208-889-81 s	RES, CHIP 1.2K (1005)
R114	1-208-907-81 s	RES, CHIP 6.8K (1005)
R115	1-208-935-81 s	RES, CHIP 100K (1005)
R116	1-208-943-81 s	RES, CHIP 220K (1005)
R118	1-208-899-81 s	RES, CHIP 3.3K (1005)
R119	1-208-919-81 s	RES, CHIP 22K (1005)
R120	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R121	1-208-911-81 s	RES, CHIP 10K (1005)
R122	1-218-446-91 s	RES, CHIP 1 (1608)
R124	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R127	1-208-943-81 s	RES, CHIP 220K (1005)
R128	1-208-943-81 s	RES, CHIP 220K (1005)
R131	1-208-911-81 s	RES, CHIP 10K (1005)
R133	1-208-911-81 s	RES, CHIP 10K (1005)
R134	1-208-907-81 s	RES, CHIP 6.8K (1005)
R135	1-208-907-81 s	RES, CHIP 6.8K (1005)
R136	1-208-911-81 s	RES, CHIP 10K (1005)
R137	1-208-911-81 s	RES, CHIP 10K (1005)
R138	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R140	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R141	1-208-911-81 s	RES, CHIP 10K (1005)
R142	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R143	1-208-911-81 s	RES, CHIP 10K (1005)
R144	1-208-911-81 s	RES, CHIP 10K (1005)
R145	1-208-911-81 s	RES, CHIP 10K (1005)
R146	1-208-871-81 s	RES, CHIP 220 (1005)
R147	1-208-871-81 s	RES, CHIP 220 (1005)
R148	1-208-923-81 s	RES, CHIP 33K (1005)
R149	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R150	1-208-923-81 s	RES, CHIP 33K (1005)
R151	1-208-903-81 s	RES, CHIP 4.7K (1005)
R152	1-208-863-81 s	RES, CHIP 100 (1005)
R153	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R154	1-208-931-81 s	RES, CHIP 68K (1005)
R155	1-208-911-81 s	RES, CHIP 10K (1005)
R156	1-208-931-81 s	RES, CHIP 68K (1005)
R157	1-208-911-81 s	RES, CHIP 10K (1005)
R158	1-218-446-91 s	RES, CHIP 1 (1608)
R159	1-208-927-81 s	RES, CHIP 47K (1005)
R160	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R162	1-208-927-81 s	RES, CHIP 47K (1005)
R163	1-208-943-81 s	RES, CHIP 220K (1005)
R164	1-208-943-81 s	RES, CHIP 220K (1005)
R167	1-208-911-81 s	RES, CHIP 10K (1005)
R169	1-208-911-81 s	RES, CHIP 10K (1005)
R170	1-208-919-81 s	RES, CHIP 22K (1005)
R171	1-208-911-81 s	RES, CHIP 10K (1005)
R172	1-208-911-81 s	RES, CHIP 10K (1005)
R173	1-208-911-81 s	RES, CHIP 10K (1005)
R174	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R176	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R177	1-208-911-81 s	RES, CHIP 10K (1005)
R178	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R179	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R200	1-208-911-81 s	RES, CHIP 10K (1005)
R201	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R202	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R203	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R204	1-208-911-81 s	RES, CHIP 10K (1005)
R206	1-208-927-81 s	RES, CHIP 47K (1005)
R207	1-208-911-81 s	RES, CHIP 10K (1005)

PRE-48 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R208	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R209	1-208-891-81 s	RES, CHIP 1.5K (1005)
TP1	1-535-877-22 s	CHIP, CHECKER
TP2	1-535-877-22 s	CHIP, CHECKER
TP3	1-535-877-22 s	CHIP, CHECKER
TP4	1-535-877-22 s	CHIP, CHECKER
TP5	1-535-877-22 s	CHIP, CHECKER
TP6	1-535-877-22 s	CHIP, CHECKER
TP7	1-535-877-22 s	CHIP, CHECKER
TP8	1-535-877-22 s	CHIP, CHECKER
TP9	1-535-877-22 s	CHIP, CHECKER

PS-811 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1851-677-A s	MOUNTED CIRCUIT BOARD, PS-811
C1	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C2	1-100-415-91 s	CAP, CHIP CERAMIC 0.47MF(1005)
C3	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C4	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C5	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C6	1-164-933-81 s	CAP, CHIP CERAMIC 220PF B 1005
C7	1-164-933-81 s	CAP, CHIP CERAMIC 220PF B 1005
C8	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C9	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C10	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C11	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C12	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C13	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C14	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C15	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C16	1-164-933-81 s	CAP, CHIP CERAMIC 220PF B 1005
C17	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C18	1-100-591-91 s	CAP, CHIP CERAMIC 1MF B 2012
C19	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C20	1-112-324-91 s	CAP, CERAMIC 0.47MF C (1005)
C21	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C22	1-112-863-91 s	CAP, CERAMIC 0.22MF B (1005)
C23	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C25	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C26	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C27	1-114-507-11 s	CAP, CERAMIC 1UF X7R
C28	1-114-507-11 s	CAP, CERAMIC 1UF X7R
C29	1-114-507-11 s	CAP, CERAMIC 1UF X7R
C30	1-114-507-11 s	CAP, CERAMIC 1UF X7R
C31	1-114-507-11 s	CAP, CERAMIC 1UF X7R
C32	1-114-507-11 s	CAP, CERAMIC 1UF X7R
C33	1-114-507-11 s	CAP, CERAMIC 1UF X7R
C35	1-164-933-81 s	CAP, CHIP CERAMIC 220PF B 1005
C36	1-114-507-11 s	CAP, CERAMIC 1UF X7R
C37	1-116-082-11 s	CAP, CHIP ELECT 47MF (6.3X7.7)
C38	1-116-082-11 s	CAP, CHIP ELECT 47MF (6.3X7.7)
C39	1-116-082-11 s	CAP, CHIP ELECT 47MF (6.3X7.7)
C40	1-100-591-91 s	CAP, CHIP CERAMIC 1MF B 2012
C41	1-112-863-91 s	CAP, CERAMIC 0.22MF B (1005)
C42	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C43	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C44	1-116-082-11 s	CAP, CHIP ELECT 47MF (6.3X7.7)
C45	1-116-082-11 s	CAP, CHIP ELECT 47MF (6.3X7.7)
C46	1-116-082-11 s	CAP, CHIP ELECT 47MF (6.3X7.7)
C47	1-114-507-11 s	CAP, CERAMIC 1UF X7R

PS-811 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C49	1-164-933-81 s	CAP, CHIP CERAMIC 220PF B 1005
C52	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C53	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C54	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C55	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C56	1-112-863-91 s	CAP, CERAMIC 0.22MF B (1005)
C57	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C58	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C59	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C60	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C61	1-112-863-91 s	CAP, CERAMIC 0.22MF B (1005)
C62	1-112-863-91 s	CAP, CERAMIC 0.22MF B (1005)
C63	1-164-933-81 s	CAP, CHIP CERAMIC 220PF B 1005
C65	1-112-863-91 s	CAP, CERAMIC 0.22MF B (1005)
C66	1-114-507-11 s	CAP, CERAMIC 1UF X7R
C67	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C69	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C70	1-112-863-91 s	CAP, CERAMIC 0.22MF B (1005)
C71	1-116-082-11 s	CAP, CHIP ELECT 47MF (6.3X7.7)
C72	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C73	1-114-323-11 s	CAP, CERAMIC 0.01MF X7R 1608
C74	1-116-082-11 s	CAP, CHIP ELECT 47MF (6.3X7.7)
C78	1-100-916-11 s	CAP, CERAMIC 0.1MF X7R 1005
C80	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
CN1	1-580-562-11 o	PIN, CONNECTOR (PC BOARD) 14P
CN2	1-770-161-21 s	PIN, CONNECTOR (PC BOARD) 6P
CN3	1-750-005-21 o	PIN, CONNECTOR (PC BOARD) 4P
CN4	1-580-537-11 s	PIN, CONNECTOR (PC BOARD) 16P
CN5	1-785-946-21 s	CONNECTOR 3P
CN6	1-580-536-11 s	PIN, CONNECTOR (PC BOARD) 14P
CN7	1-779-993-21 s	PIN, CONNECTOR (PWB) 5P
CN8	1-778-965-21 s	CONNECTOR 12P
D1	8-719-069-28 s	DI 1SS400FJTE61
D2	8-719-069-28 s	DI 1SS400FJTE61
D3	8-719-069-28 s	DI 1SS400FJTE61
D4	8-719-069-28 s	DI 1SS400FJTE61
D5	8-719-069-28 s	DI 1SS400FJTE61
D8	8-719-991-01 s	DIODE DAP222-TL
D9	8-719-991-01 s	DIODE DAP222-TL
D10	8-719-991-01 s	DIODE DAP222-TL
D11	8-719-991-01 s	DIODE DAP222-TL
D12	8-719-069-28 s	DI 1SS400FJTE61
D13	6-500-864-01 s	DIODE RB050LA-40TR
D14	6-500-864-01 s	DIODE RB050LA-40TR
D15	8-719-069-28 s	DI 1SS400FJTE61
D17	8-719-069-28 s	DI 1SS400FJTE61
D18	8-719-069-28 s	DI 1SS400FJTE61
D19	8-719-069-28 s	DI 1SS400FJTE61
D23	8-719-069-28 s	DI 1SS400FJTE61
D24	8-719-056-48 s	DI 1SS388
D25	8-719-069-59 s	DI UDZSUSTE-178.2B
D26	8-719-069-28 s	DI 1SS400FJTE61
D27	8-719-069-28 s	DI 1SS400FJTE61
D28	8-719-069-28 s	DI 1SS400FJTE61
D29	8-719-069-28 s	DI 1SS400FJTE61
D30	8-719-069-28 s	DI 1SS400FJTE61
F1	△ 1-576-566-21 s	FUSE (SMD) (15A/65V)
F2	△ 1-576-566-21 s	FUSE (SMD) (15A/65V)
F3	△ 1-576-566-21 s	FUSE (SMD) (15A/65V)
F4	△ 1-576-566-21 s	FUSE (SMD) (15A/65V)
F5	△ 1-576-566-21 s	FUSE (SMD) (15A/65V)
F6	△ 1-576-566-21 s	FUSE (SMD) (15A/65V)
IC1	8-759-681-48 s	IC NJM317DL1

PS-811 BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC2	6-711-415-01 s	IC TC74VHC132FK (EL,K)
IC3	8-759-183-53 s	IC TL431CPK-E2
IC4	6-711-415-01 s	IC TC74VHC132FK (EL,K)
IC5	8-759-338-95 s	IC NJM2903V (TE2)
IC6	8-759-338-95 s	IC NJM2903V (TE2)
IC7	8-759-338-95 s	IC NJM2903V (TE2)
IC8	8-759-681-48 s	IC NJM317DL1
IC9	6-715-222-01 s	IC INA206AIDGSR
IC10	6-703-223-01 s	IC MAX668EUB+TG069
IC11	6-701-652-01 s	IC MAX4374TEUB+TG069
IC12	6-715-222-01 s	IC INA206AIDGSR
IC13	6-701-652-01 s	IC MAX4374TEUB+TG069
IC14	8-759-338-95 s	IC NJM2903V (TE2)
IC16	8-759-183-53 s	IC TL431CPK-E2
IC17	6-715-222-01 s	IC INA206AIDGSR
IC18	6-701-652-01 s	IC MAX4374TEUB+TG069
IC19	6-701-652-01 s	IC MAX4374TEUB+TG069
IC21	6-711-415-01 s	IC TC74VHC132FK (EL,K)
L1	1-481-842-11 s	COIL, CHOKE 5.6UH
L2	1-481-842-11 s	COIL, CHOKE 5.6UH
L3	1-412-979-41 s	INDUCTOR, SMALL TYPE 1.0UH
L4	1-412-979-41 s	INDUCTOR, SMALL TYPE 1.0UH
L6	1-412-979-41 s	INDUCTOR, SMALL TYPE 1.0UH
L7	1-412-979-41 s	INDUCTOR, SMALL TYPE 1.0UH
Q1	6-552-039-01 s	TR SUD50N06-09L
Q2	6-552-039-01 s	TR SUD50N06-09L
Q3	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q4	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q5	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q6	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q7	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q8	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q9	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q10	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q11	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q12	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q13	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q14	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q15	6-550-632-01 s	TRANSISTOR 2SC4672-T100-Q
Q16	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q17	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q18	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q19	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q20	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q21	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q22	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q23	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q24	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q25	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q26	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q27	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q28	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q29	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q30	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q31	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q32	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q33	6-550-632-01 s	TRANSISTOR 2SC4672-T100-Q
Q34	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q35	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q36	6-552-860-01 s	TR ATP302-TL-H
Q37	6-552-860-01 s	TR ATP302-TL-H
Q38	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q39	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q40	6-552-039-01 s	TR SUD50N06-09L

PS-811 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q41	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q42	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q43	6-552-860-01 s	TR ATP302-TL-H
Q44	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q45	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q46	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q47	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q48	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q49	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q50	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q51	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q52	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q53	6-552-860-01 s	TR ATP302-TL-H
Q54	6-552-860-01 s	TR ATP302-TL-H
Q55	6-551-090-01 s	TRANSISTOR FET HAT1125H-EL-E
Q56	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q57	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q58	6-552-860-01 s	TR ATP302-TL-H
Q59	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q60	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q61	6-550-632-01 s	TRANSISTOR 2SC4672-T100-Q
Q62	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q63	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q64	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q65	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q71	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q75	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q76	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q77	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q78	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q79	8-729-928-82 s	TRANSISTOR DTC144EE-TL
R1	1-208-911-81 s	RES, CHIP 10K (1005)
R2	1-208-935-81 s	RES, CHIP 100K (1005)
R3	1-208-935-81 s	RES, CHIP 100K (1005)
R4	1-208-935-81 s	RES, CHIP 100K (1005)
R5	1-208-911-81 s	RES, CHIP 10K (1005)
R6	1-208-911-81 s	RES, CHIP 10K (1005)
R7	1-208-899-81 s	RES, CHIP 3.3K (1005)
R8	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R9	1-208-887-81 s	RES, CHIP 1.0K (1005)
R10	1-208-927-81 s	RES, CHIP 47K (1005)
R11	1-208-911-81 s	RES, CHIP 10K (1005)
R12	1-220-870-81 s	RES, CHIP 10 (1005)
R13	1-208-903-81 s	RES, CHIP 4.7K (1005)
R14	1-208-903-81 s	RES, CHIP 4.7K (1005)
R15	1-208-927-81 s	RES, CHIP 47K (1005)
R16	1-208-887-81 s	RES, CHIP 1.0K (1005)
R17	1-208-927-81 s	RES, CHIP 47K (1005)
R18	1-208-899-81 s	RES, CHIP 3.3K (1005)
R19	1-208-899-81 s	RES, CHIP 3.3K (1005)
R20	1-208-875-81 s	RES, CHIP 330 (1005)
R21	1-208-931-81 s	RES, CHIP 68K (1005)
R22	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R23	1-208-911-81 s	RES, CHIP 10K (1005)
R24	1-208-887-81 s	RES, CHIP 1.0K (1005)
R25	1-208-919-81 s	RES, CHIP 22K (1005)
R26	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R27	1-208-899-81 s	RES, CHIP 3.3K (1005)
R28	1-208-867-81 s	RES, CHIP 150 (1005)
R29	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R30	1-208-927-81 s	RES, CHIP 47K (1005)
R31	1-208-903-81 s	RES, CHIP 4.7K (1005)
R32	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R33	1-208-895-81 s	RES, CHIP 2.2K (1005)
R34	1-208-879-81 s	RES, CHIP 470 (1005)

PS-811 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R35	1-208-887-81 s	RES, CHIP 1.0K (1005)
R36	1-208-927-81 s	RES, CHIP 47K (1005)
R37	1-208-935-81 s	RES, CHIP 100K (1005)
R38	1-208-911-81 s	RES, CHIP 10K (1005)
R39	1-208-903-81 s	RES, CHIP 4.7K (1005)
R40	1-208-923-81 s	RES, CHIP 33K (1005)
R41	1-208-879-81 s	RES, CHIP 470 (1005)
R42	1-208-935-81 s	RES, CHIP 100K (1005)
R43	1-208-911-81 s	RES, CHIP 10K (1005)
R44	1-208-927-81 s	RES, CHIP 47K (1005)
R45	1-208-863-81 s	RES, CHIP 100 (1005)
R46	1-208-863-81 s	RES, CHIP 100 (1005)
R47	1-208-951-81 s	RES, CHIP 470K (1005)
R48	1-208-955-81 s	RES, CHIP 680K (1005)
R49	1-208-935-81 s	RES, CHIP 100K (1005)
R50	1-208-927-81 s	RES, CHIP 47K (1005)
R51	1-208-943-81 s	RES, CHIP 220K (1005)
R52	1-208-947-81 s	RES, CHIP 330K (1005)
R53	1-208-863-81 s	RES, CHIP 100 (1005)
R54	1-208-927-81 s	RES, CHIP 47K (1005)
R55	1-208-935-81 s	RES, CHIP 100K (1005)
R56	1-208-911-81 s	RES, CHIP 10K (1005)
R57	1-208-911-81 s	RES, CHIP 10K (1005)
R58	1-208-935-81 s	RES, CHIP 100K (1005)
R61	1-208-931-81 s	RES, CHIP 68K (1005)
R62	1-208-943-81 s	RES, CHIP 220K (1005)
R64	1-208-927-81 s	RES, CHIP 47K (1005)
R66	1-208-911-81 s	RES, CHIP 10K (1005)
R67	1-208-927-81 s	RES, CHIP 47K (1005)
R69	1-208-911-81 s	RES, CHIP 10K (1005)
R70	1-208-927-81 s	RES, CHIP 47K (1005)
R71	1-208-887-81 s	RES, CHIP 1.0K (1005)
R72	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R73	1-208-927-81 s	RES, CHIP 47K (1005)
R74	1-219-684-21 s	RES, CHIP (SQUARE TYPE) 0.01
R75	1-208-911-81 s	RES, CHIP 10K (1005)
R76	1-220-870-81 s	RES, CHIP 10 (1005)
R77	1-208-935-81 s	RES, CHIP 100K (1005)
R78	1-208-931-81 s	RES, CHIP 68K (1005)
R79	1-208-935-81 s	RES, CHIP 100K (1005)
R80	1-208-935-81 s	RES, CHIP 100K (1005)
R81	1-208-935-81 s	RES, CHIP 100K (1005)
R82	1-208-935-81 s	RES, CHIP 100K (1005)
R83	1-208-935-81 s	RES, CHIP 100K (1005)
R84	1-208-935-81 s	RES, CHIP 100K (1005)
R85	1-208-935-81 s	RES, CHIP 100K (1005)
R86	1-208-943-81 s	RES, CHIP 220K (1005)
R87	1-208-927-81 s	RES, CHIP 47K (1005)
R88	1-208-927-81 s	RES, CHIP 47K (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	1-208-899-81 s	RES, CHIP 3.3K (1005)
R94	1-208-919-81 s	RES, CHIP 22K (1005)
R95	1-208-919-81 s	RES, CHIP 22K (1005)
R96	1-208-919-81 s	RES, CHIP 22K (1005)
R97	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R98	1-208-935-81 s	RES, CHIP 100K (1005)
R99	1-208-867-81 s	RES, CHIP 150 (1005)
R100	1-208-887-81 s	RES, CHIP 1.0K (1005)
R101	1-208-887-81 s	RES, CHIP 1.0K (1005)
R102	1-208-911-81 s	RES, CHIP 10K (1005)
R103	1-208-911-81 s	RES, CHIP 10K (1005)
R104	1-218-990-81 s	CONDUCTOR, CHIP (1005)

PS-811 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R105	1-208-927-81 s	RES, CHIP 47K (1005)
R106	1-208-927-81 s	RES, CHIP 47K (1005)
R107	1-208-923-81 s	RES, CHIP 33K (1005)
R108	1-208-935-81 s	RES, CHIP 100K (1005)
R109	1-208-927-81 s	RES, CHIP 47K (1005)
R110	1-208-911-81 s	RES, CHIP 10K (1005)
R111	1-208-939-81 s	RES, CHIP 150K (1005)
R112	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R113	1-208-927-81 s	RES, CHIP 47K (1005)
R114	1-220-870-81 s	RES, CHIP 10 (1005)
R115	1-246-120-21 s	RES, CHIP (SQUARE TYPE) 0.007
R116	1-208-927-81 s	RES, CHIP 47K (1005)
R117	1-208-935-81 s	RES, CHIP 100K (1005)
R118	1-208-911-81 s	RES, CHIP 10K (1005)
R119	1-208-911-81 s	RES, CHIP 10K (1005)
R120	1-208-923-81 s	RES, CHIP 33K (1005)
R121	1-208-931-81 s	RES, CHIP 68K (1005)
R122	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R123	1-208-903-81 s	RES, CHIP 4.7K (1005)
R124	1-208-927-81 s	RES, CHIP 47K (1005)
R125	1-208-927-81 s	RES, CHIP 47K (1005)
R126	1-208-935-81 s	RES, CHIP 100K (1005)
R127	1-208-863-81 s	RES, CHIP 100 (1005)
R128	1-208-863-81 s	RES, CHIP 100 (1005)
R129	1-208-935-81 s	RES, CHIP 100K (1005)
R130	1-208-935-81 s	RES, CHIP 100K (1005)
R131	1-208-911-81 s	RES, CHIP 10K (1005)
R132	1-208-887-81 s	RES, CHIP 1.0K (1005)
R133	1-208-927-81 s	RES, CHIP 47K (1005)
R134	1-208-927-81 s	RES, CHIP 47K (1005)
R136	1-208-923-81 s	RES, CHIP 33K (1005)
R137	1-208-923-81 s	RES, CHIP 33K (1005)
R138	1-208-935-81 s	RES, CHIP 100K (1005)
R139	1-208-927-81 s	RES, CHIP 47K (1005)
R140	1-208-923-81 s	RES, CHIP 33K (1005)
R141	1-219-684-21 s	RES, CHIP (SQUARE TYPE) 0.01
R142	1-208-923-81 s	RES, CHIP 33K (1005)
R144	1-219-684-21 s	RES, CHIP (SQUARE TYPE) 0.01
R145	1-219-684-21 s	RES, CHIP (SQUARE TYPE) 0.01
R146	1-208-935-81 s	RES, CHIP 100K (1005)
R148	1-219-684-21 s	RES, CHIP (SQUARE TYPE) 0.01
R149	1-208-935-81 s	RES, CHIP 100K (1005)
R150	1-208-911-81 s	RES, CHIP 10K (1005)
R151	1-208-927-81 s	RES, CHIP 47K (1005)
R152	1-208-935-81 s	RES, CHIP 100K (1005)
R154	1-211-950-91 s	CONDUCTOR, CHIP (6432)
R155	1-208-935-81 s	RES, CHIP 100K (1005)
R156	1-208-935-81 s	RES, CHIP 100K (1005)
R157	1-208-935-81 s	RES, CHIP 100K (1005)
R158	1-208-939-81 s	RES, CHIP 150K (1005)
R159	1-208-923-81 s	RES, CHIP 33K (1005)
R160	1-208-911-81 s	RES, CHIP 10K (1005)
R161	1-208-943-81 s	RES, CHIP 220K (1005)
R162	1-208-911-81 s	RES, CHIP 10K (1005)
R164	1-208-899-81 s	RES, CHIP 3.3K (1005)
R165	1-208-895-81 s	RES, CHIP 2.2K (1005)
R166	1-208-895-81 s	RES, CHIP 2.2K (1005)
R167	1-208-883-81 s	RES, CHIP 680 (1005)
R168	1-208-911-81 s	RES, CHIP 10K (1005)
R169	1-208-927-81 s	RES, CHIP 47K (1005)
R170	1-208-935-81 s	RES, CHIP 100K (1005)
R171	1-208-927-81 s	RES, CHIP 47K (1005)
R172	1-208-935-81 s	RES, CHIP 100K (1005)
R173	1-208-935-81 s	RES, CHIP 100K (1005)
R174	1-208-939-81 s	RES, CHIP 150K (1005)

PS-811 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R175	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R176	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R177	1-208-919-81 s	RES, CHIP 22K (1005)
R178	1-208-935-81 s	RES, CHIP 100K (1005)
R179	1-208-919-81 s	RES, CHIP 22K (1005)
R180	1-208-935-81 s	RES, CHIP 100K (1005)
R181	1-208-939-81 s	RES, CHIP 150K (1005)
R188	1-257-090-11 s	RES, METAL PLATE 0.005
R190	1-208-927-81 s	RES, CHIP 47K (1005)
R191	1-208-935-81 s	RES, CHIP 100K (1005)
R192	1-208-935-81 s	RES, CHIP 100K (1005)
R193	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R203	1-208-907-81 s	RES, CHIP 6.8K (1005)
R204	1-219-684-21 s	RES, CHIP (SQUARE TYPE) 0.01
R205	1-208-927-81 s	RES, CHIP 47K (1005)
R210	1-208-927-81 s	RES, CHIP 47K (1005)
R211	1-208-927-81 s	RES, CHIP 47K (1005)
R212	1-208-927-81 s	RES, CHIP 47K (1005)
R213	1-208-927-81 s	RES, CHIP 47K (1005)
R214	1-208-887-81 s	RES, CHIP 1.0K (1005)
R215	1-208-887-81 s	RES, CHIP 1.0K (1005)
R220	1-208-927-81 s	RES, CHIP 47K (1005)
R221	1-218-990-81 s	CONDUCTOR, CHIP (1005)

RE-278 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1851-678-A s	MOUNTED CIRCUIT BOARD, RE-278
3pcs	3-729-061-02 s	SCREW (M2) (TYPE 1)
4pcs	4-644-492-72 s	ACE (M2), LOCK
C2	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B (3225)
C3	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B (3225)
C4	1-127-971-21 s	CAP, CHIP FILM 0.01MF (3216)
C7	1-127-971-21 s	CAP, CHIP FILM 0.01MF (3216)
C8	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C9	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C10	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C11	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C12	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C13	1-164-880-81 s	CAP,CHIP CERAMIC 180PF CH 1005
C14	1-164-880-81 s	CAP,CHIP CERAMIC 180PF CH 1005
C15	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C16	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C17	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C18	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C19	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C20	1-100-671-91 s	CAP, CERAMIC 4.7MF C (3216)
C21	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C22	1-100-671-91 s	CAP, CERAMIC 4.7MF C (3216)
C23	1-100-671-91 s	CAP, CERAMIC 4.7MF C (3216)
C26	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C27	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C28	1-114-383-11 s	CAP, ELECT 270MF (8X6.7)
C29	1-114-383-11 s	CAP, ELECT 270MF (8X6.7)
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
C32	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C33	1-114-383-11 s	CAP, ELECT 270MF (8X6.7)
C34	1-114-383-11 s	CAP, ELECT 270MF (8X6.7)
C37	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C100	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608

RE-278 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C102	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C104	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C105	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C107	1-135-822-21 s	CAP, CHIP FILM 0.0022MF
C110	1-127-971-21 s	CAP, CHIP FILM 0.01MF (3216)
C111	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C112	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C113	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C114	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C115	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C116	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C117	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C120	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C121	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C122	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C123	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C124	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C125	1-100-671-91 s	CAP, CERAMIC 4.7MF C (3216)
C126	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C127	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C128	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C129	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
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	1-114-383-11 s	CAP, ELECT 270MF (8X6.7)
C135	1-114-383-11 s	CAP, ELECT 270MF (8X6.7)
C136	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C137	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C138	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C139	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
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	1-162-968-91 s	CAP,CHIP CERAMIC 4700PF B 1608
C143	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C144	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C145	1-164-217-91 s	CAP,CERAMIC 150PF CH 1608
C146	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C147	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C148	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C149	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C151	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C153	1-100-591-91 s	CAP, CHIP CERAMIC 1MF B 2012
C154	1-100-591-91 s	CAP, CHIP CERAMIC 1MF B 2012
C156	1-162-970-91 s	CAP, CERAMIC 0.01MF B 1608
C158	1-112-726-21 s	CAP, ELECT 18MF (10X8)
C159	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C160	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C161	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C162	1-116-120-11 s	CAP, ELECT 10MF 105
C163	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C164	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C165	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C166	1-162-970-91 s	CAP, CERAMIC 0.01MF B 1608
C167	1-162-970-91 s	CAP, CERAMIC 0.01MF B 1608
C168	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C169	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C170	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C171	1-100-390-21 s	CAP, ELECT 180MF (6.3X6)
C172	1-135-347-21 s	CAP, ELECT 82MF (8X7)
C173	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C174	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C175	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C176	1-107-819-81 s	CAP,CHIP CERAMIC 22000PF B1005
C177	1-137-757-21 s	CAP, ELECT 33MF (8X7)
C178	1-112-726-21 s	CAP, ELECT 18MF (10X8)

RE-278 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C179	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C180	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C181	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C182	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C183	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C184	1-100-390-21 s	CAP, ELECT 180MF (6.3X6)
C185	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C186	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C187	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C188	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C189	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C190	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C191	1-135-349-21 s	CAP, ELECT 22MF (6.3X6)
C192	1-112-726-21 s	CAP, ELECT 18MF (10X8)
C193	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C194	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C195	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C196	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C197	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C198	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C199	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C200	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
CN1	1-580-562-11 o	PIN, CONNECTOR (PC BOARD) 14P
CN2	1-580-564-11 o	PIN, CONNECTOR (PC BOARD) 18P
D1	8-719-069-28 s	DI 1SS400FJTE61
D4	8-719-069-28 s	DI 1SS400FJTE61
D5	8-719-069-28 s	DI 1SS400FJTE61
D9	8-719-991-01 s	DIODE DAP222-TL
D101	8-719-083-58 s	DI UDZSUSTE-173.9B
D102	8-719-069-28 s	DI 1SS400FJTE61
D103	8-719-069-28 s	DI 1SS400FJTE61
D107	8-719-991-01 s	DIODE DAP222-TL
D108	8-719-072-43 s	DIODE RB050L-40TE25
D109	8-719-037-57 s	DIODE RD39SB-T1
D110	8-719-938-77 s	DIODE SB05-05C-TB-E
D111	8-719-938-77 s	DIODE SB05-05C-TB-E
D112	8-719-072-43 s	DIODE RB050L-40TE25
D113	8-719-938-77 s	DIODE SB05-05C-TB-E
D114	6-501-123-01 s	DIODE RB160M-60TR
D115	8-719-987-19 s	DIODE SB01-15C-TB-E
D116	8-719-069-28 s	DI 1SS400FJTE61
D117	8-719-083-66 s	DI UDZSUSTE-1718B
D118	8-719-069-28 s	DI 1SS400FJTE61
D119	8-719-991-01 s	DIODE DAP222-TL
D120	8-719-991-01 s	DIODE DAP222-TL
E1	1-535-877-22 s	CHIP, CHECKER
E100	1-535-877-22 s	CHIP, CHECKER
F1	 1-576-269-21 s	FUSE (SMD) (3.15A/125V)
FB100	1-469-379-21 s	FERRITE, EMI (SMD) (2012)
FB101	1-469-379-21 s	FERRITE, EMI (SMD) (2012)
FB102	1-469-379-21 s	FERRITE, EMI (SMD) (2012)
IC1	6-707-357-01 s	IC LTC3728LXCUH#TR-R5
IC2	8-759-337-40 s	IC NJM2904V(Te2)
IC3	8-759-185-36 s	IC LM35DMX NOPB
IC100	8-759-183-53 s	IC TL431CPK-E2
IC101	8-759-660-81 s	IC LM317MDTX
IC102	8-759-338-95 s	IC NJM2903V(Te2)
IC103	6-707-357-01 s	IC LTC3728LXCUH#TR-R5
IC104	8-759-831-69 s	IC BA10339FV-E2
IC105	8-759-669-64 s	IC TL1451ACPWR-12
IC106	6-708-683-01 s	IC MP1583 DN-LF
IC107	6-711-266-01 s	IC MP1593DN-LF

RE-278 BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC108	8-759-338-95 s	IC NJM2903V (TE2)
IC109	8-759-337-40 s	IC NJM2904V (TE2)
IC110	8-759-337-40 s	IC NJM2904V (TE2)
L1	1-400-380-21 s	COIL, CHOKE 4.3UH
L2	1-400-380-21 s	COIL, CHOKE 4.3UH
L3	1-457-144-21 s	COIL, CHOKE (SMD) 4.7UH (10X10)
L4	1-457-144-21 s	COIL, CHOKE (SMD) 4.7UH (10X10)
L100	1-457-145-11 s	CHOKE COIL 5.8UH
L101	1-457-145-11 s	CHOKE COIL 5.8UH
L102	1-424-667-21 s	COIL, CHOKE 1UH
L103	1-424-667-21 s	COIL, CHOKE 1UH
L104	1-424-643-21 s	COIL, CHOKE 10UH
L105	1-424-643-21 s	COIL, CHOKE 10UH
L106	1-424-643-21 s	COIL, CHOKE 10UH
L107	1-409-579-21 s	COIL, CHOKE 8.2UH
L108	1-424-642-21 s	COIL, CHOKE 47UH
L109	1-416-948-21 s	COIL, CHOKE (SMD) 10UH
L110	1-419-823-21 s	COIL, CHOKE 33UH
L111	1-424-667-21 s	COIL, CHOKE 1UH
L112	1-424-667-21 s	COIL, CHOKE 1UH
L113	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L114	1-409-579-21 s	COIL, CHOKE 8.2UH
Q1	6-551-736-01 s	TRANSISTOR FDS6690AS
Q2	6-551-736-01 s	TRANSISTOR FDS6690AS
Q4	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q5	6-551-736-01 s	TRANSISTOR FDS6690AS
Q6	6-551-736-01 s	TRANSISTOR FDS6690AS
Q100	6-551-736-01 s	TRANSISTOR FDS6690AS
Q101	6-551-736-01 s	TRANSISTOR FDS6690AS
Q103	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q104	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q105	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q106	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q107	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q108	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q109	8-729-929-27 s	TRANSISTOR DTC114TE-TL
Q110	8-729-929-27 s	TRANSISTOR DTC114TE-TL
Q111	8-729-929-27 s	TRANSISTOR DTC114TE-TL
Q112	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q113	8-729-929-27 s	TRANSISTOR DTC114TE-TL
Q114	8-729-929-27 s	TRANSISTOR DTC114TE-TL
Q115	8-729-928-73 s	TRANSISTOR DTA114TE-TL
Q116	6-551-736-01 s	TRANSISTOR FDS6690AS
Q117	6-551-736-01 s	TRANSISTOR FDS6690AS
Q118	8-729-929-27 s	TRANSISTOR DTC114TE-TL
Q119	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q120	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q121	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q122	8-729-928-73 s	TRANSISTOR DTA114TE-TL
Q123	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q124	8-729-929-27 s	TRANSISTOR DTC114TE-TL
Q125	8-729-012-34 s	TRANSISTOR 2SK711-BL (TE85L)
Q126	8-729-012-34 s	TRANSISTOR 2SK711-BL (TE85L)
Q127	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q128	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q129	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q130	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q131	6-551-401-01 s	TRANSISTOR SUD50P06-15L
Q132	6-552-643-01 s	TR SI4431CDY-T1-GE3
Q133	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q134	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q135	6-551-892-01 s	TR SI4430BDY-T1-E3
Q136	8-729-929-27 s	TRANSISTOR DTC114TE-TL
Q137	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q138	8-729-107-04 s	TRANSISTOR 2SB1115-T1YL

RE-278 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q139	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q140	8-729-929-27 s	TRANSISTOR DTC114TE-TL
Q141	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q142	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q143	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q144	8-729-929-27 s	TRANSISTOR DTC114TE-TL
Q145	6-552-494-01 s	TR SI2307CDS-T1-GE3
R2	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R3	1-208-919-81 s	RES, CHIP 22K (1005)
R4	1-208-919-81 s	RES, CHIP 22K (1005)
R5	1-208-915-81 s	RES, CHIP 15K (1005)
R6	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R7	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R8	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R11	1-208-935-81 s	RES, CHIP 100K (1005)
R12	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R17	1-208-899-81 s	RES, CHIP 3.3K (1005)
R19	1-208-899-81 s	RES, CHIP 3.3K (1005)
R20	1-208-879-81 s	RES, CHIP 470 (1005)
R21	1-208-879-81 s	RES, CHIP 470 (1005)
R23	1-208-919-81 s	RES, CHIP 22K (1005)
R24	1-208-919-81 s	RES, CHIP 22K (1005)
R25	1-208-871-81 s	RES, CHIP 220 (1005)
R26	1-208-871-81 s	RES, CHIP 220 (1005)
R27	1-208-935-81 s	RES, CHIP 100K (1005)
R29	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R30	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R31	1-208-959-81 s	RES, CHIP 1M (1005)
R32	1-208-959-81 s	RES, CHIP 1M (1005)
R37	1-208-863-81 s	RES, CHIP 100 (1005)
R38	1-208-863-81 s	RES, CHIP 100 (1005)
R39	1-208-863-81 s	RES, CHIP 100 (1005)
R40	1-208-863-81 s	RES, CHIP 100 (1005)
R41	1-220-870-81 s	RES, CHIP 10 (1005)
R42	1-219-796-21 s	RES, CHIP (SQUARE TYPE)0.025
R43	1-219-796-21 s	RES, CHIP (SQUARE TYPE)0.025
R44	1-219-796-21 s	RES, CHIP (SQUARE TYPE)0.025
R45	1-219-796-21 s	RES, CHIP (SQUARE TYPE)0.025
R46	1-208-927-81 s	RES, CHIP 47K (1005)
R47	1-208-927-81 s	RES, CHIP 47K (1005)
R48	1-208-927-81 s	RES, CHIP 47K (1005)
R49	1-208-927-81 s	RES, CHIP 47K (1005)
R50	1-208-911-81 s	RES, CHIP 10K (1005)
R51	1-208-895-81 s	RES, CHIP 2.2K (1005)
R52	1-208-919-81 s	RES, CHIP 22K (1005)
R53	1-208-911-81 s	RES, CHIP 10K (1005)
R54	1-208-919-81 s	RES, CHIP 22K (1005)
R55	1-208-895-81 s	RES, CHIP 2.2K (1005)
R56	1-208-863-81 s	RES, CHIP 100 (1005)
R59	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R60	1-219-796-21 s	RES, CHIP (SQUARE TYPE)0.025
R61	1-219-796-21 s	RES, CHIP (SQUARE TYPE)0.025
R100	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R101	1-208-887-81 s	RES, CHIP 1.0K (1005)
R102	1-208-899-81 s	RES, CHIP 3.3K (1005)
R103	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R104	1-208-867-81 s	RES, CHIP 150 (1005)
R105	1-208-887-81 s	RES, CHIP 1.0K (1005)
R106	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R107	1-208-923-81 s	RES, CHIP 33K (1005)
R108	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R109	1-208-919-81 s	RES, CHIP 22K (1005)
R110	1-208-919-81 s	RES, CHIP 22K (1005)
R111	1-208-915-81 s	RES, CHIP 15K (1005)
R112	1-220-870-81 s	RES, CHIP 10 (1005)

RE-278 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R113	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R114	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R115	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R116	1-208-927-81 s	RES, CHIP 47K (1005)
R118	1-208-911-81 s	RES, CHIP 10K (1005)
R119	1-208-895-81 s	RES, CHIP 2.2K (1005)
R120	1-208-915-81 s	RES, CHIP 15K (1005)
R122	1-208-935-81 s	RES, CHIP 100K (1005)
R123	1-208-935-81 s	RES, CHIP 100K (1005)
R124	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R125	1-208-923-81 s	RES, CHIP 47K (1005)
R126	1-208-927-81 s	RES, CHIP 47K (1005)
R132	1-208-899-81 s	RES, CHIP 3.3K (1005)
R133	1-208-891-81 s	RES, CHIP 1.5K (1005)
R134	1-208-899-81 s	RES, CHIP 3.3K (1005)
R135	1-208-879-81 s	RES, CHIP 470 (1005)
R136	1-208-911-81 s	RES, CHIP 10K (1005)
R137	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R139	1-208-919-81 s	RES, CHIP 22K (1005)
R140	1-208-915-81 s	RES, CHIP 15K (1005)
R141	1-208-935-81 s	RES, CHIP 100K (1005)
R142	1-208-871-81 s	RES, CHIP 220 (1005)
R143	1-208-907-81 s	RES, CHIP 6.8K (1005)
R144	1-208-903-81 s	RES, CHIP 4.7K (1005)
R145	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R147	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R148	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R149	1-208-959-81 s	RES, CHIP 1M (1005)
R150	1-208-959-81 s	RES, CHIP 1M (1005)
R152	1-208-863-81 s	RES, CHIP 100 (1005)
R154	1-208-863-81 s	RES, CHIP 100 (1005)
R155	1-208-863-81 s	RES, CHIP 100 (1005)
R156	1-208-863-81 s	RES, CHIP 100 (1005)
R157	1-208-863-81 s	RES, CHIP 100 (1005)
R158	1-208-863-81 s	RES, CHIP 100 (1005)
R159	1-208-935-81 s	RES, CHIP 100K (1005)
R160	1-208-911-81 s	RES, CHIP 10K (1005)
R161	1-208-911-81 s	RES, CHIP 10K (1005)
R162	1-208-911-81 s	RES, CHIP 10K (1005)
R163	1-208-911-81 s	RES, CHIP 10K (1005)
R164	1-220-870-81 s	RES, CHIP 10 (1005)
R166	1-208-919-81 s	RES, CHIP 22K (1005)
R167	1-208-899-81 s	RES, CHIP 3.3K (1005)
R168	1-208-899-81 s	RES, CHIP 3.3K (1005)
R170	1-219-684-21 s	RES, CHIP (SQUARE TYPE) 0.01
R171	1-219-684-21 s	RES, CHIP (SQUARE TYPE) 0.01
R172	1-208-927-81 s	RES, CHIP 47K (1005)
R173	1-208-927-81 s	RES, CHIP 47K (1005)
R174	1-208-927-81 s	RES, CHIP 47K (1005)
R175	1-208-927-81 s	RES, CHIP 47K (1005)
R176	1-208-927-81 s	RES, CHIP 47K (1005)
R177	1-208-911-81 s	RES, CHIP 10K (1005)
R178	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R179	1-208-927-81 s	RES, CHIP 47K (1005)
R180	1-208-899-81 s	RES, CHIP 3.3K (1005)
R181	1-208-895-81 s	RES, CHIP 2.2K (1005)
R182	1-208-895-81 s	RES, CHIP 2.2K (1005)
R183	1-208-911-81 s	RES, CHIP 10K (1005)
R184	1-208-911-81 s	RES, CHIP 10K (1005)
R185	1-208-907-81 s	RES, CHIP 6.8K (1005)
R186	1-208-859-81 s	RES, CHIP 68 (1005)
R187	1-208-923-81 s	RES, CHIP 33K (1005)
R188	1-208-903-81 s	RES, CHIP 4.7K (1005)
R189	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R190	1-218-863-91 s	RES, CHIP 4.7K (1608)

RE-278 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R191	1-208-911-81 s	RES, CHIP 10K (1005)
R192	1-208-911-81 s	RES, CHIP 10K (1005)
R193	1-208-943-81 s	RES, CHIP 220K (1005)
R194	1-208-919-81 s	RES, CHIP 22K (1005)
R195	1-208-943-81 s	RES, CHIP 220K (1005)
R196	1-208-927-81 s	RES, CHIP 47K (1005)
R197	1-208-923-81 s	RES, CHIP 33K (1005)
R198	1-208-903-81 s	RES, CHIP 4.7K (1005)
R199	1-220-870-81 s	RES, CHIP 10 (1005)
R200	1-220-870-81 s	RES, CHIP 10 (1005)
R201	1-208-903-81 s	RES, CHIP 4.7K (1005)
R202	1-208-911-81 s	RES, CHIP 10K (1005)
R203	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R204	1-208-923-81 s	RES, CHIP 33K (1005)
R205	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R206	1-220-870-81 s	RES, CHIP 10 (1005)
R207	1-208-899-81 s	RES, CHIP 3.3K (1005)
R208	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R209	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R210	1-208-903-81 s	RES, CHIP 4.7K (1005)
R211	1-208-859-81 s	RES, CHIP 68 (1005)
R212	1-208-859-81 s	RES, CHIP 68 (1005)
R213	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R216	1-220-870-81 s	RES, CHIP 10 (1005)
R217	1-208-923-81 s	RES, CHIP 33K (1005)
R218	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R219	1-208-907-81 s	RES, CHIP 6.8K (1005)
R220	1-208-919-81 s	RES, CHIP 22K (1005)
R221	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R222	1-208-955-81 s	RES, CHIP 680K (1005)
R223	1-208-903-81 s	RES, CHIP 4.7K (1005)
R224	1-208-871-81 s	RES, CHIP 220 (1005)
R225	1-219-684-21 s	RES, CHIP (SQUARE TYPE) 0.01
R226	1-208-911-81 s	RES, CHIP 10K (1005)
R227	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R228	1-208-855-81 s	RES, CHIP 47 (1005)
R229	1-208-863-81 s	RES, CHIP 100 (1005)
R230	1-208-927-81 s	RES, CHIP 47K (1005)
R231	1-208-911-81 s	RES, CHIP 10K (1005)
R232	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R233	1-208-867-81 s	RES, CHIP 150 (1005)
R234	1-208-919-81 s	RES, CHIP 22K (1005)
R235	1-208-883-81 s	RES, CHIP 680 (1005)
R236	1-208-911-81 s	RES, CHIP 10K (1005)
R237	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R238	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R239	1-208-911-81 s	RES, CHIP 10K (1005)
R240	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R241	1-208-927-81 s	RES, CHIP 47K (1005)
R242	1-208-911-81 s	RES, CHIP 10K (1005)
R243	1-208-903-81 s	RES, CHIP 4.7K (1005)
R244	1-219-684-21 s	RES, CHIP (SQUARE TYPE) 0.01
R245	1-208-911-81 s	RES, CHIP 10K (1005)
R246	1-208-911-81 s	RES, CHIP 10K (1005)
R247	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R248	1-220-870-81 s	RES, CHIP 10 (1005)
R249	1-218-863-91 s	RES, CHIP 4.7K (1608)
R250	1-218-863-91 s	RES, CHIP 4.7K (1608)
R251	1-208-911-81 s	RES, CHIP 10K (1005)
R252	1-208-927-81 s	RES, CHIP 47K (1005)
R253	1-208-927-81 s	RES, CHIP 47K (1005)
R254	1-208-911-81 s	RES, CHIP 10K (1005)
R255	1-208-911-81 s	RES, CHIP 10K (1005)
R256	1-208-919-81 s	RES, CHIP 22K (1005)
R257	1-208-927-81 s	RES, CHIP 47K (1005)

RE-278 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R258	1-208-919-81 s	RES, CHIP 22K (1005)
R259	1-208-891-81 s	RES, CHIP 1.5K (1005)
R260	1-208-923-81 s	RES, CHIP 33K (1005)
R261	1-208-931-81 s	RES, CHIP 68K (1005)
R262	1-218-282-91 s	RES, SQUARE TYPE CHIP 22 (4532)
R263	1-218-282-91 s	RES, SQUARE TYPE CHIP 22 (4532)
R264	1-218-282-91 s	RES, SQUARE TYPE CHIP 22 (4532)
R265	1-208-911-81 s	RES, CHIP 10K (1005)
R266	1-208-931-81 s	RES, CHIP 68K (1005)
R267	1-208-899-81 s	RES, CHIP 3.3K (1005)
R268	1-208-871-81 s	RES, CHIP 220 (1005)
R269	1-208-919-81 s	RES, CHIP 22K (1005)
R270	1-208-927-81 s	RES, CHIP 47K (1005)
R271	1-208-955-81 s	RES, CHIP 680K (1005)
R272	1-208-907-81 s	RES, CHIP 6.8K (1005)
R273	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R274	1-208-927-81 s	RES, CHIP 47K (1005)
R275	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R276	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R277	1-208-935-81 s	RES, CHIP 100K (1005)
R278	1-208-911-81 s	RES, CHIP 10K (1005)
R280	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R281	1-208-911-81 s	RES, CHIP 10K (1005)
R282	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R283	1-208-911-81 s	RES, CHIP 10K (1005)
R284	1-208-919-81 s	RES, CHIP 22K (1005)
R285	1-208-927-81 s	RES, CHIP 47K (1005)
R286	1-220-870-81 s	RES, CHIP 10 (1005)
R287	1-208-927-81 s	RES, CHIP 47K (1005)
R288	1-208-911-81 s	RES, CHIP 10K (1005)
R289	1-208-939-81 s	RES, CHIP 150K (1005)
R290	1-208-911-81 s	RES, CHIP 10K (1005)
R291	1-208-899-81 s	RES, CHIP 3.3K (1005)
R294	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R295	1-208-935-81 s	RES, CHIP 100K (1005)
T100	1-443-813-11 s	TRANSFORMER, DC-DC CONVERTER
THP1	△ 1-802-108-11 s	THERMISTOR, POSITIVE
THP2	△ 1-802-063-21 s	THERMISTOR, POSITIVE
THP3	△ 1-802-108-11 s	THERMISTOR, POSITIVE
THP4	△ 1-802-063-21 s	THERMISTOR, POSITIVE
THP6	△ 1-802-108-11 s	THERMISTOR, POSITIVE
THP7	△ 1-802-063-21 s	THERMISTOR, POSITIVE
THP9	△ 1-802-108-11 s	THERMISTOR, POSITIVE
THP101	△ 1-802-108-11 s	THERMISTOR, POSITIVE
THP102	△ 1-802-108-11 s	THERMISTOR, POSITIVE
THP103	△ 1-802-108-11 s	THERMISTOR, POSITIVE
THP104	△ 1-802-108-11 s	THERMISTOR, POSITIVE
THP105	△ 1-802-108-11 s	THERMISTOR, POSITIVE

SIO-32 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1850-189-A s	MOUNTED CIRCUIT BOARD, SIO-32
C1	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C2	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C3	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C4	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005

SIO-32 BOARD

Ref. No. or Q'ty	Part No.	SP Description
CN2	1-764-090-21 o	PIN, CONNECTOR (PC BOARD) 5P
FB1	1-400-832-21 s	SMD EMI FERRITE
FB2	1-400-832-21 s	SMD EMI FERRITE
FB3	1-400-832-21 s	SMD EMI FERRITE
FB4	1-400-832-21 s	SMD EMI FERRITE
FB5	1-414-445-21 s	FERRITE, EMI (SMD) (1608)

SW-1502 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1850-193-A s	MOUNTED CIRCUIT BOARD, SW-1502
C1	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C2	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C3	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C4	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C5	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C6	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C13	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C14	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C15	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C16	1-164-874-81 s	CAP,CHIP CERAMIC 100PF 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	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C20	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C21	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C22	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C23	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C24	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C25	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C26	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C27	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C28	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C31	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C32	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C33	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C34	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C35	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C36	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C37	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C38	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C39	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C40	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
CN1	1-779-803-21 s	CONNECTOR, BOARD TO BOARD 30P
CN2	1-770-622-21 s	PIN, CONNECTOR 5P
CN3	1-764-091-21 o	PIN, CONNECTOR (PC BOARD) 6P
CN4	1-770-621-21 s	PIN, CONNECTOR 4P
D1	8-719-989-01 s	DIODE DA221-TL
D2	8-719-989-01 s	DIODE DA221-TL
D3	8-719-989-01 s	DIODE DA221-TL
D4	8-719-989-01 s	DIODE DA221-TL
D5	8-719-989-01 s	DIODE DA221-TL
D6	8-719-989-01 s	DIODE DA221-TL
D71	6-502-209-01 s	DI SMLE12WBC7W
D72	6-502-209-01 s	DI SMLE12WBC7W

SW-1502 BOARD

Ref. No. or Q'ty	Part No.	SP Description
D81	6-502-209-01 s	DI SMLE12WBC7W
D82	6-502-209-01 s	DI SMLE12WBC7W
D91	6-502-843-01 s	DI CL-165HR/HG5-D-T
D92	6-502-843-01 s	DI CL-165HR/HG5-D-T
E1	1-535-877-22 s	CHIP, CHECKER
FB1	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB2	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB3	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB5	1-400-832-21 s	SMD EMI FERRITE
FB6	1-400-832-21 s	SMD EMI FERRITE
FB7	1-400-832-21 s	SMD EMI FERRITE
FB8	1-400-832-21 s	SMD EMI FERRITE
FB9	1-400-832-21 s	SMD EMI FERRITE
FB10	1-400-832-21 s	SMD EMI FERRITE
FB11	1-400-832-21 s	SMD EMI FERRITE
FB12	1-400-832-21 s	SMD EMI FERRITE
IC1	6-712-135-01 o	IC R1173H001D-T1-F
IC2	6-712-135-01 o	IC R1173H001D-T1-F
IC3	6-712-135-01 o	IC R1173H001D-T1-F
IC4	6-706-478-01 s	IC TC7SET08FU
IC5	6-706-478-01 s	IC TC7SET08FU
IC6	6-706-478-01 s	IC TC7SET08FU
IC7	6-706-487-01 s	IC TC7SH08FU
IC8	6-714-067-01 s	IC PCA9555DB-T
Q1	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q7	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q8	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q9	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q10	8-729-929-09 s	TRANSISTOR DTC123JE-TL
R1	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2	1-208-919-81 s	RES, CHIP 22K (1005)
R3	1-208-911-81 s	RES, CHIP 10K (1005)
R4	1-208-919-81 s	RES, CHIP 22K (1005)
R5	1-208-895-81 s	RES, CHIP 2.2K (1005)
R6	1-208-899-81 s	RES, CHIP 3.3K (1005)
R7	1-208-919-81 s	RES, CHIP 22K (1005)
R8	1-208-895-81 s	RES, CHIP 2.2K (1005)
R9	1-208-899-81 s	RES, CHIP 3.3K (1005)
R13	1-208-863-81 s	RES, CHIP 100 (1005)
R14	1-208-863-81 s	RES, CHIP 100 (1005)
R15	1-208-863-81 s	RES, CHIP 100 (1005)
R16	1-208-863-81 s	RES, CHIP 100 (1005)
R21	1-208-935-81 s	RES, CHIP 100K (1005)
R22	1-208-935-81 s	RES, CHIP 100K (1005)
R23	1-220-870-81 s	RES, CHIP 10 (1005)
R24	1-220-870-81 s	RES, CHIP 10 (1005)
R31	1-208-935-81 s	RES, CHIP 100K (1005)
R32	1-208-923-81 s	RES, CHIP 33K (1005)
R33	1-208-935-81 s	RES, CHIP 100K (1005)
R34	1-208-923-81 s	RES, CHIP 33K (1005)
R35	1-208-935-81 s	RES, CHIP 100K (1005)
R36	1-208-923-81 s	RES, CHIP 33K (1005)
R40	1-208-911-81 s	RES, CHIP 10K (1005)
R41	1-208-879-81 s	RES, CHIP 470 (1005)
R43	1-208-871-81 s	RES, CHIP 220 (1005)
R45	1-208-887-81 s	RES, CHIP 1.0K (1005)
R71	1-208-871-81 s	RES, CHIP 220 (1005)
R72	1-208-883-81 s	RES, CHIP 680 (1005)
R73	1-208-871-81 s	RES, CHIP 220 (1005)
R74	1-208-883-81 s	RES, CHIP 680 (1005)
R81	1-208-871-81 s	RES, CHIP 220 (1005)
R82	1-208-883-81 s	RES, CHIP 680 (1005)
R83	1-208-871-81 s	RES, CHIP 220 (1005)

SW-1502 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R84	1-208-883-81 s	RES, CHIP 680 (1005)
R91	1-208-871-81 s	RES, CHIP 220 (1005)
R92	1-208-883-81 s	RES, CHIP 680 (1005)
R93	1-208-871-81 s	RES, CHIP 220 (1005)
R94	1-208-883-81 s	RES, CHIP 680 (1005)
R95	1-208-879-81 s	RES, CHIP 470 (1005)
R96	1-208-887-81 s	RES, CHIP 1.0K (1005)
R97	1-208-879-81 s	RES, CHIP 470 (1005)
R98	1-208-887-81 s	RES, CHIP 1.0K (1005)
RB1	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB3	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB4	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB9	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB10	1-234-375-21 s	RES, NETWORK 1K (1005X4)
S1	1-571-787-11 s	SWITCH, TACTILE
S2	1-571-787-11 s	SWITCH, TACTILE
S3	1-571-787-11 s	SWITCH, TACTILE
S4	1-771-140-21 s	SWITCH, SLIDE
S5	1-571-787-11 s	SWITCH, TACTILE
S6	1-571-787-11 s	SWITCH, TACTILE
S7	1-798-311-11 s	SWITCH, TACTILE
S8	1-798-311-11 s	SWITCH, TACTILE
S9	1-798-311-11 s	SWITCH, TACTILE

SW-1513 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1850-190-A s	MOUNTED CIRCUIT BOARD, SW-1513
C1	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C2	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C3	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C4	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C5	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C6	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C9	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C11	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C21	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C31	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C41	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
CN1	1-770-622-21 s	PIN, CONNECTOR 5P
D11	6-502-209-01 s	DI SMLE12WBC7W
D12	6-502-209-01 s	DI SMLE12WBC7W
D21	6-502-209-01 s	DI SMLE12WBC7W
D22	6-502-209-01 s	DI SMLE12WBC7W
D31	6-502-209-01 s	DI SMLE12WBC7W
D32	6-502-209-01 s	DI SMLE12WBC7W
D41	6-502-209-01 s	DI SMLE12WBC7W
D42	6-502-209-01 s	DI SMLE12WBC7W
D51	6-502-843-01 s	DI CL-165HR/HG5-D-T
D53	6-502-196-01 s	DI SML-D12Y8WT86SP
D61	6-502-843-01 s	DI CL-165HR/HG5-D-T
D63	6-502-196-01 s	DI SML-D12Y8WT86SP
FB1	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB2	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
IC1	6-714-067-01 s	IC PCA9555DB-T
Q1	8-729-929-09 s	TRANSISTOR DTC123JE-TL

SW-1513 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q2	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q3	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q4	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q51	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q54	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q56	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q61	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q64	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q66	8-729-929-09 s	TRANSISTOR DTC123JE-TL
R1	1-208-935-81 s	RES, CHIP 100K (1005)
R2	1-208-935-81 s	RES, CHIP 100K (1005)
R3	1-220-870-81 s	RES, CHIP 10 (1005)
R4	1-220-870-81 s	RES, CHIP 10 (1005)
R11	1-208-871-81 s	RES, CHIP 220 (1005)
R12	1-208-883-81 s	RES, CHIP 680 (1005)
R13	1-208-871-81 s	RES, CHIP 220 (1005)
R14	1-208-883-81 s	RES, CHIP 680 (1005)
R21	1-208-871-81 s	RES, CHIP 220 (1005)
R22	1-208-883-81 s	RES, CHIP 680 (1005)
R23	1-208-871-81 s	RES, CHIP 220 (1005)
R24	1-208-883-81 s	RES, CHIP 680 (1005)
R31	1-208-871-81 s	RES, CHIP 220 (1005)
R32	1-208-883-81 s	RES, CHIP 680 (1005)
R33	1-208-871-81 s	RES, CHIP 220 (1005)
R34	1-208-883-81 s	RES, CHIP 680 (1005)
R41	1-208-871-81 s	RES, CHIP 220 (1005)
R42	1-208-883-81 s	RES, CHIP 680 (1005)
R43	1-208-871-81 s	RES, CHIP 220 (1005)
R44	1-208-883-81 s	RES, CHIP 680 (1005)
R52	1-208-887-81 s	RES, CHIP 1.0K (1005)
R58	1-208-887-81 s	RES, CHIP 1.0K (1005)
R62	1-208-887-81 s	RES, CHIP 1.0K (1005)
R68	1-208-887-81 s	RES, CHIP 1.0K (1005)
R74	1-208-887-81 s	RES, CHIP 1.0K (1005)
R78	1-208-887-81 s	RES, CHIP 1.0K (1005)
RB1	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB3	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB4	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB5	1-234-375-21 s	RES, NETWORK 1K (1005X4)
S1	1-798-311-11 s	SWITCH, TACTILE
S2	1-798-311-11 s	SWITCH, TACTILE
S3	1-798-311-11 s	SWITCH, TACTILE
S4	1-798-311-11 s	SWITCH, TACTILE

SW-1514 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1850-191-A s	MOUNTED CIRCUIT BOARD, SW-1514
C1	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C2	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C3	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C4	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
CN1	1-770-621-21 s	PIN, CONNECTOR 4P
EN1	1-467-973-21 s	ENCODER, ROTARY
R1	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2	1-208-887-81 s	RES, CHIP 1.0K (1005)
R3	1-208-887-81 s	RES, CHIP 1.0K (1005)
R4	1-208-863-81 s	RES, CHIP 100 (1005)

SY-393 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1851-621-A s	MOUNTED CIRCUIT BOARD, SY-393
2pcs	3-364-941-01 s	SCREW (+B) (2.6X5), NYLON
3pcs	3-729-061-02 s	SCREW (M2) (TYPE 1)
BT400	1-756-991-21 s	HOLDER, LITHIUM BATTERY (CR203
C100	1-127-715-91 s	CAP,CHIP CERAMIC 0.22MF B 1608
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	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C105	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C106	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C107	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C108	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C109	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C110	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C111	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C115	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C116	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C117	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C118	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C119	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C120	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C121	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C122	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 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	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C126	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C127	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C128	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C129	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C130	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C131	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C132	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C133	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C134	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C135	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C136	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C137	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C138	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C139	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C140	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C141	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C142	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C143	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C144	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C145	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C146	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C147	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C148	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C149	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C150	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C151	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C152	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C153	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C154	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C155	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C156	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C157	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C158	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

SY-393 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C342	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C343	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C344	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C345	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C346	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C347	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C348	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C349	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C350	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C351	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C352	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C353	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C354	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C355	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C356	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C357	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C358	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C359	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C360	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C361	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C362	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C363	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C364	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C365	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C366	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C367	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C368	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C369	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C370	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C371	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C372	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C373	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C400	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C401	1-114-582-91 s	CAP, CERAMIC 0.1MF 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	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C405	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C407	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C408	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C409	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C410	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C411	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C412	1-164-378-91 s	CAP, CERAMIC 30PF CH 1608
C413	1-100-670-91 s	CAP, CERAMIC 4.7MF C (2012)
C414	1-164-378-91 s	CAP, CERAMIC 30PF CH 1608
C415	1-100-670-91 s	CAP, CERAMIC 4.7MF C (2012)
C416	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C417	1-100-670-91 s	CAP, CERAMIC 4.7MF C (2012)
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C421	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C422	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C423	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C424	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C425	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C426	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C427	1-114-983-91 s	CAP, CHIP CERAMIC 2.2MF B 1608
C428	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C429	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C430	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C431	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C432	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C433	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

SY-393 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C434	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C437	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C500	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C501	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C502	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C503	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C504	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C505	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C506	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C507	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C508	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C512	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C513	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C514	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C515	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C516	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C517	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C518	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C519	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C520	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C521	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C522	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C523	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C524	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C525	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C526	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C527	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C528	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C529	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C530	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C531	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C532	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C533	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C534	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C535	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C536	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C537	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C538	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C539	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C541	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C542	1-114-582-91 s	CAP, CERAMIC 0.1MF B 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
C545	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C547	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C548	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C550	1-164-935-81 s	CAP, CHIP CERAMIC 470PF B 1005
C551	1-164-935-81 s	CAP, CHIP CERAMIC 470PF B 1005
C552	1-164-935-81 s	CAP, CHIP CERAMIC 470PF B 1005
C553	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C554	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C555	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C556	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C557	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C558	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C559	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C560	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C561	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C562	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C563	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C564	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C565	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

SY-393 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C566	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C567	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C568	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C569	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C570	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C571	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C572	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C573	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C574	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C575	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C576	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C577	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C578	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C579	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C580	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C581	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C582	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
CN201	1-822-385-41 f	CONNECTOR (MICRO SD CARD)
CN203	1-764-088-21 o	PIN, CONNECTOR (PC BOARD) 3P
CN204	1-785-840-31 s	CONNECTOR, FFC/FPC(ZIF) AN 15P
CN400	1-794-538-21 s	PIN, CONNECTOR (FOR PWB) 40P
CN402	1-764-093-21 o	PIN, CONNECTOR (PC BOARD) 8P
CN501	1-770-627-21 s	PIN, CONNECTOR 10P
D100	6-502-598-01 s	DI SML-D12U8WT86
D101	8-719-069-28 s	DI 1SS400FJTE61
D102	8-719-069-28 s	DI 1SS400FJTE61
D103	8-719-069-28 s	DI 1SS400FJTE61
D104	8-719-069-28 s	DI 1SS400FJTE61
D400	6-502-197-01 s	DI SML-D12M8WT86SM
D402	△ 6-503-363-01 s	DI DB2S31400K8
D403	8-719-989-01 s	DIODE DA221-TL
D500	8-719-989-01 s	DIODE DA221-TL
D501	8-719-989-01 s	DIODE DA221-TL
D502	8-719-082-45 s	DIODE RB715W-TL
D503	8-719-989-01 s	DIODE DA221-TL
D504	6-502-598-01 s	DI SML-D12U8WT86
D505	8-719-989-01 s	DIODE DA221-TL
D506	6-502-196-01 s	DI SML-D12Y8WT86SP
D507	8-719-989-01 s	DIODE DA221-TL
D508	6-501-436-01 s	DIODE SML412BC6TT86
D509	6-501-259-01 s	DIODE CL-221HR-C-TS
E100	1-535-877-22 s	CHIP, CHECKER
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
E300	1-535-877-22 s	CHIP, CHECKER
E301	1-535-877-22 s	CHIP, CHECKER
E302	1-535-877-22 s	CHIP, CHECKER
E303	1-535-877-22 s	CHIP, CHECKER
E304	1-535-877-22 s	CHIP, CHECKER
E305	1-535-877-22 s	CHIP, CHECKER
E306	1-535-877-22 s	CHIP, CHECKER
E307	1-535-877-22 s	CHIP, CHECKER
E400	1-535-877-22 s	CHIP, CHECKER
E401	1-535-877-22 s	CHIP, CHECKER
FB100	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB101	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB102	1-400-580-21 s	FERRITE, EMI (SMD)
FB103	1-414-864-21 s	FERRITE, EMI (SMD) (1608)

SY-393 BOARD

Ref. No. or Q'ty	Part No.	SP Description
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	1-400-580-21 s	FERRITE, EMI (SMD)
FB109	1-400-580-21 s	FERRITE, EMI (SMD)
FB110	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB111	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB200	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB201	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB202	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB203	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB204	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB206	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB300	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB301	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB400	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB401	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB402	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB403	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB404	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB405	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB406	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB407	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB408	1-400-382-21 s	EMI FERRITE (SMD) (1608)
FB500	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB501	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
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)
FB505	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB506	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB507	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB508	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB509	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB510	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB511	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB512	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB513	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB514	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB515	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB516	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB517	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB518	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB519	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FL300	1-234-939-21 s	FILTER, EMI REMOVAL (SMD)
IC100	6-704-567-01 s	IC R3112N451A-TR-FA
IC101	6-706-487-01 s	IC TC7SH08FU
IC102	6-706-484-01 s	IC TC7SH04FU
IC103	8-759-598-43 s	IC TC7WH04FK
IC104	6-713-169-01 s	IC LTC3412AEFE#TR
IC105	6-713-169-01 s	IC LTC3412AEFE#TR
IC106	6-713-169-01 s	IC LTC3412AEFE#TR
IC107	6-713-169-01 s	IC LTC3412AEFE#TR
IC108	6-712-373-01 s	IC TC7SH34FU
IC109	6-712-135-01 o	IC R1173H001D-T1-F
IC110	6-712-135-01 o	IC R1173H001D-T1-F
IC111	6-712-135-01 o	IC R1173H001D-T1-F
IC112	6-712-135-01 o	IC R1173H001D-T1-F
IC113	6-704-642-01 s	IC R3112N131A-TR-FA
IC114	6-704-642-01 s	IC R3112N131A-TR-FA
IC115	6-704-642-01 s	IC R3112N131A-TR-FA
IC203	6-705-514-01 s	IC MAX3222IPWR
IC204	6-711-471-01 s	IC TC74LCX245FK(EL,K)

SY-393 BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC205	6-710-988-01 s	IC TC74VCX16843 (EL,F)
IC206	6-711-471-01 s	IC TC74LCX245FK (EL,K)
IC207	6-711-471-01 s	IC TC74LCX245FK (EL,K)
IC208	6-711-471-01 s	IC TC74LCX245FK (EL,K)
IC210	8-759-592-44 s	IC TC7SZ04FU (TE85R)
IC211	6-700-599-01 s	IC TC7SA08FU (TE85R)
IC212	8-759-592-44 s	IC TC7SZ04FU (TE85R)
IC300	6-714-608-01 s	IC TPS51200DRCR
IC303	6-714-608-01 s	IC TPS51200DRCR
IC404	6-708-478-01 s	IC RX-8025NB
IC406	6-712-850-01 s	IC TC7SP3125TU (5RSO,F)
IC407	6-709-937-01 s	IC TC7SA34FU (T5RSONYF)
IC408	8-759-592-44 s	IC TC7SZ04FU (TE85R)
IC502	6-716-627-01 s	IC LTC1387CG#TR
IC504	6-712-850-01 s	IC TC7SP3125TU (5RSO,F)
IC505	6-712-373-01 s	IC TC7SH34FU
IC506	6-712-373-01 s	IC TC7SH34FU
IC507	6-712-850-01 s	IC TC7SP3125TU (5RSO,F)
IC509	8-759-644-10 s	IC MAX3491CSD-TG068
IC510	8-759-092-83 s	IC SN75158PSR
IC511	6-709-937-01 s	IC TC7SA34FU (T5RSONYF)
IC512	6-709-937-01 s	IC TC7SA34FU (T5RSONYF)
IC513	8-759-592-49 s	IC TC7SZ125FU (TE85R)
IC515	8-759-592-49 s	IC TC7SZ125FU (TE85R)
IC517	6-711-443-01 s	IC TC74VHCT125AFK (E,K)
IC518	8-759-592-48 s	IC TC7SZ32FU (TE85R)
IC520	6-706-487-01 s	IC TC7SH08FU
IC521	8-759-486-25 s	IC SN74CBT3384APWR
IC522	6-702-879-01 s	IC R3112N281A-TR-FA
IC523	6-706-487-01 s	IC TC7SH08FU
L100	1-457-372-21 s	COIL, CHOKE 1UH
L101	1-457-372-21 s	COIL, CHOKE 1UH
L102	1-457-372-21 s	COIL, CHOKE 1UH
L103	1-457-372-21 s	COIL, CHOKE 1UH
L104	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L105	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L106	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L107	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L200	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L202	1-469-553-21 s	INDUCTOR, CHIP 4.7UH (LB2016)
L400	1-469-553-21 s	INDUCTOR, CHIP 4.7UH (LB2016)
L401	1-216-295-91 s	CONDUCTOR, CHIP (2012)
L402	1-216-295-91 s	CONDUCTOR, CHIP (2012)
L403	1-481-265-21 s	COMMON MODE CHOKE COIL
L405	1-469-559-21 s	INDUCTOR, CHIP 47UH (LB2016)
L500	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L501	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L502	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L503	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
PH500	8-749-014-35 s	IC HCPL-0630-500
Q100	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q101	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q102	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q103	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q104	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q105	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q106	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q401	6-553-008-01 s	TR SI6943BDQ-T1-GE3
Q500	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q501	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q502	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q503	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q504	8-729-928-82 s	TRANSISTOR DTC144EE-TL

SY-393 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q505	8-729-928-28 s	TRANSISTOR DTA144EE-TL
R1000	1-208-863-81 s	RES, CHIP 100 (1005)
R1001	1-208-863-81 s	RES, CHIP 100 (1005)
R1002	1-208-863-81 s	RES, CHIP 100 (1005)
R1003	1-208-863-81 s	RES, CHIP 100 (1005)
R1004	1-208-863-81 s	RES, CHIP 100 (1005)
R1005	1-208-863-81 s	RES, CHIP 100 (1005)
R1006	1-208-911-81 s	RES, CHIP 10K (1005)
R1007	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1008	1-208-911-81 s	RES, CHIP 10K (1005)
R1009	1-208-911-81 s	RES, CHIP 10K (1005)
R1010	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1011	1-208-911-81 s	RES, CHIP 10K (1005)
R1012	1-208-907-81 s	RES, CHIP 6.8K (1005)
R1013	1-208-907-81 s	RES, CHIP 6.8K (1005)
R1014	1-208-913-81 s	RES, CHIP 12K (1005)
R1015	1-208-913-81 s	RES, CHIP 12K (1005)
R1016	1-220-878-81 s	RES, CHIP 22 (1005)
R1017	1-220-878-81 s	RES, CHIP 22 (1005)
R1018	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1019	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1020	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1021	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1022	1-208-915-81 s	RES, CHIP 15K (1005)
R1023	1-208-889-81 s	RES, CHIP 1.2K (1005)
R1024	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1025	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1026	1-208-927-81 s	RES, CHIP 47K (1005)
R1027	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1028	1-208-935-81 s	RES, CHIP 100K (1005)
R1029	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1030	1-208-935-81 s	RES, CHIP 100K (1005)
R1031	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1032	1-208-935-81 s	RES, CHIP 100K (1005)
R1033	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1034	1-208-915-81 s	RES, CHIP 15K (1005)
R1035	1-208-907-81 s	RES, CHIP 6.8K (1005)
R1036	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1037	1-208-955-81 s	RES, CHIP 680K (1005)
R1038	1-208-943-81 s	RES, CHIP 220K (1005)
R1039	1-208-943-81 s	RES, CHIP 220K (1005)
R1040	1-208-943-81 s	RES, CHIP 220K (1005)
R1041	1-208-935-81 s	RES, CHIP 100K (1005)
R1042	1-208-935-81 s	RES, CHIP 100K (1005)
R1044	1-208-943-81 s	RES, CHIP 220K (1005)
R1046	1-208-951-81 s	RES, CHIP 470K (1005)
R1048	1-208-923-81 s	RES, CHIP 33K (1005)
R1049	1-208-923-81 s	RES, CHIP 33K (1005)
R1050	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1051	1-208-883-81 s	RES, CHIP 680 (1005)
R1052	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1053	1-208-911-81 s	RES, CHIP 10K (1005)
R1054	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1055	1-208-919-81 s	RES, CHIP 22K (1005)
R1056	1-208-871-81 s	RES, CHIP 220 (1005)
R1057	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1058	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R1059	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R1060	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R1061	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R1062	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1064	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1065	1-208-911-81 s	RES, CHIP 10K (1005)
R1066	1-208-911-81 s	RES, CHIP 10K (1005)
R1067	1-208-911-81 s	RES, CHIP 10K (1005)

SY-393 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R4035	1-208-911-81 s	RES, CHIP 10K (1005)
R4036	△ 1-208-887-81 s	RES, CHIP 1.0K (1005)
R4037	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R4038	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R4039	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R4041	1-208-887-81 s	RES, CHIP 1.0K (1005)
R4042	1-208-911-81 s	RES, CHIP 10K (1005)
R4043	1-208-911-81 s	RES, CHIP 10K (1005)
R4044	1-208-911-81 s	RES, CHIP 10K (1005)
R4045	1-208-911-81 s	RES, CHIP 10K (1005)
R4046	1-208-911-81 s	RES, CHIP 10K (1005)
R4047	1-220-870-81 s	RES, CHIP 10 (1005)
R4048	1-208-935-81 s	RES, CHIP 100K (1005)
R4049	1-208-887-81 s	RES, CHIP 1.0K (1005)
R4053	1-208-935-81 s	RES, CHIP 100K (1005)
R4054	1-208-927-81 s	RES, CHIP 47K (1005)
R4055	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5001	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5002	1-208-887-81 s	RES, CHIP 1.0K (1005)
R5003	1-208-911-81 s	RES, CHIP 10K (1005)
R5004	1-208-855-81 s	RES, CHIP 47 (1005)
R5005	1-220-878-81 s	RES, CHIP 22 (1005)
R5006	1-208-863-81 s	RES, CHIP 100 (1005)
R5008	1-208-911-81 s	RES, CHIP 10K (1005)
R5010	1-208-911-81 s	RES, CHIP 10K (1005)
R5012	1-208-911-81 s	RES, CHIP 10K (1005)
R5014	1-208-911-81 s	RES, CHIP 10K (1005)
R5015	1-208-935-81 s	RES, CHIP 100K (1005)
R5016	1-208-911-81 s	RES, CHIP 10K (1005)
R5017	1-220-878-81 s	RES, CHIP 22 (1005)
R5018	1-208-887-81 s	RES, CHIP 1.0K (1005)
R5019	1-208-903-81 s	RES, CHIP 4.7K (1005)
R5020	1-208-903-81 s	RES, CHIP 4.7K (1005)
R5021	1-208-927-81 s	RES, CHIP 47K (1005)
R5022	1-220-870-81 s	RES, CHIP 10 (1005)
R5023	1-220-870-81 s	RES, CHIP 10 (1005)
R5024	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5025	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5026	1-208-927-81 s	RES, CHIP 47K (1005)
R5027	1-208-927-81 s	RES, CHIP 47K (1005)
R5028	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5029	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5030	1-208-863-81 s	RES, CHIP 100 (1005)
R5031	1-208-863-81 s	RES, CHIP 100 (1005)
R5032	1-208-863-81 s	RES, CHIP 100 (1005)
R5037	1-208-927-81 s	RES, CHIP 47K (1005)
R5038	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5039	1-208-935-81 s	RES, CHIP 100K (1005)
R5040	1-208-935-81 s	RES, CHIP 100K (1005)
R5041	1-208-935-81 s	RES, CHIP 100K (1005)
R5042	1-220-870-81 s	RES, CHIP 10 (1005)
R5043	1-220-870-81 s	RES, CHIP 10 (1005)
R5044	1-220-870-81 s	RES, CHIP 10 (1005)
R5045	1-220-870-81 s	RES, CHIP 10 (1005)
R5046	1-208-863-81 s	RES, CHIP 100 (1005)
R5047	1-208-863-81 s	RES, CHIP 100 (1005)
R5048	1-208-863-81 s	RES, CHIP 100 (1005)
R5049	1-208-863-81 s	RES, CHIP 100 (1005)
R5050	1-208-855-81 s	RES, CHIP 47 (1005)
R5051	1-208-863-81 s	RES, CHIP 100 (1005)
R5052	1-208-863-81 s	RES, CHIP 100 (1005)
R5054	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5056	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5057	1-208-891-81 s	RES, CHIP 1.5K (1005)
R5059	1-218-990-81 s	CONDUCTOR, CHIP (1005)

SY-393 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R5060	1-220-878-81 s	RES, CHIP 22 (1005)
R5061	1-208-911-81 s	RES, CHIP 10K (1005)
R5062	1-208-911-81 s	RES, CHIP 10K (1005)
R5063	1-208-911-81 s	RES, CHIP 10K (1005)
R5064	1-208-911-81 s	RES, CHIP 10K (1005)
R5065	1-208-855-81 s	RES, CHIP 47 (1005)
R5066	1-208-911-81 s	RES, CHIP 10K (1005)
R5067	1-208-903-81 s	RES, CHIP 4.7K (1005)
R5068	1-208-863-81 s	RES, CHIP 100 (1005)
R5069	1-208-863-81 s	RES, CHIP 100 (1005)
R5070	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5071	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5072	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5073	1-208-863-81 s	RES, CHIP 100 (1005)
R5077	1-220-878-81 s	RES, CHIP 22 (1005)
R5078	1-208-911-81 s	RES, CHIP 10K (1005)
R5081	1-208-887-81 s	RES, CHIP 1.0K (1005)
R5082	1-208-911-81 s	RES, CHIP 10K (1005)
R5083	1-208-911-81 s	RES, CHIP 10K (1005)
R5084	1-208-911-81 s	RES, CHIP 10K (1005)
R5086	1-208-935-81 s	RES, CHIP 100K (1005)
R5087	1-208-863-81 s	RES, CHIP 100 (1005)
R5088	1-208-935-81 s	RES, CHIP 100K (1005)
R5089	1-208-935-81 s	RES, CHIP 100K (1005)
R5090	1-208-911-81 s	RES, CHIP 10K (1005)
R5091	1-208-911-81 s	RES, CHIP 10K (1005)
R5092	1-208-855-81 s	RES, CHIP 47 (1005)
R5094	1-208-911-81 s	RES, CHIP 10K (1005)
R5095	1-208-863-81 s	RES, CHIP 100 (1005)
R5096	1-208-863-81 s	RES, CHIP 100 (1005)
R5097	1-208-935-81 s	RES, CHIP 100K (1005)
R5098	1-208-911-81 s	RES, CHIP 10K (1005)
R5099	1-208-935-81 s	RES, CHIP 100K (1005)
R5100	1-208-927-81 s	RES, CHIP 47K (1005)
R5101	1-208-863-81 s	RES, CHIP 100 (1005)
R5102	1-208-863-81 s	RES, CHIP 100 (1005)
R5103	1-208-927-81 s	RES, CHIP 47K (1005)
R5104	1-208-911-81 s	RES, CHIP 10K (1005)
R5105	1-208-911-81 s	RES, CHIP 10K (1005)
R5106	1-208-863-81 s	RES, CHIP 100 (1005)
R5107	1-208-863-81 s	RES, CHIP 100 (1005)
R5108	1-208-863-81 s	RES, CHIP 100 (1005)
R5109	1-208-863-81 s	RES, CHIP 100 (1005)
R5110	1-208-895-81 s	RES, CHIP 2.2K (1005)
R5111	1-208-883-81 s	RES, CHIP 680 (1005)
R5112	1-208-927-81 s	RES, CHIP 47K (1005)
R5113	1-208-927-81 s	RES, CHIP 47K (1005)
R5114	1-208-895-81 s	RES, CHIP 2.2K (1005)
R5115	1-220-870-81 s	RES, CHIP 10 (1005)
R5116	1-208-883-81 s	RES, CHIP 680 (1005)
R5117	1-220-870-81 s	RES, CHIP 10 (1005)
R5118	1-208-891-81 s	RES, CHIP 1.5K (1005)
R5119	1-208-927-81 s	RES, CHIP 47K (1005)
R5120	1-208-871-81 s	RES, CHIP 220 (1005)
R5121	1-208-927-81 s	RES, CHIP 47K (1005)
R5122	1-208-911-81 s	RES, CHIP 10K (1005)
R5123	1-208-863-81 s	RES, CHIP 100 (1005)
R5129	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5130	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5131	1-208-887-81 s	RES, CHIP 1.0K (1005)
R5132	1-208-911-81 s	RES, CHIP 10K (1005)
R5133	1-208-887-81 s	RES, CHIP 1.0K (1005)
R5134	1-208-903-81 s	RES, CHIP 4.7K (1005)
R5135	1-208-911-81 s	RES, CHIP 10K (1005)
R5136	1-208-903-81 s	RES, CHIP 4.7K (1005)

SY-393 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R5137	1-208-911-81 s	RES, CHIP 10K (1005)
R5138	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5139	1-208-911-81 s	RES, CHIP 10K (1005)
R5140	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5142	1-208-863-81 s	RES, CHIP 100 (1005)
R5143	1-208-863-81 s	RES, CHIP 100 (1005)
R5144	1-208-903-81 s	RES, CHIP 4.7K (1005)
R5145	1-208-875-81 s	RES, CHIP 330 (1005)
R5146	1-208-903-81 s	RES, CHIP 4.7K (1005)
R5147	1-208-863-81 s	RES, CHIP 100 (1005)
R5148	1-208-863-81 s	RES, CHIP 100 (1005)
R5150	1-208-863-81 s	RES, CHIP 100 (1005)
R5151	1-208-903-81 s	RES, CHIP 4.7K (1005)
R5152	1-208-935-81 s	RES, CHIP 100K (1005)
RB204	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB205	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB206	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB207	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB208	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB209	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB210	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB211	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB212	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB213	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB214	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB215	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB216	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB217	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB218	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB219	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB220	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB221	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB222	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB223	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB224	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB225	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB226	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB227	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB229	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB230	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB231	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB232	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB233	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB234	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB241	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB242	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB243	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB244	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB400	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB401	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB402	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB403	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB500	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB501	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB502	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB503	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB504	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB505	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB506	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB507	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB508	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB509	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB510	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB511	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)

SY-393 BOARD

Ref. No. or Q'ty	Part No.	SP Description
RB512	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RB513	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB514	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB515	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB516	1-234-369-21 s	RES, NETWORK 10 (1005X4)
RB517	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB518	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RB519	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RB520	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
RB521	1-233-423-21 s	RES, CHIP NETWORK 47 (3216)
S100	1-771-721-21 s	SWITCH, TACTILE
S200	1-692-270-41 s	SWITCH, SLIDE
S500	1-692-270-41 s	SWITCH, SLIDE
S501	1-692-881-41 s	SWITCH, SLIDE
X200	1-814-322-11 s	QUARTZ CRYSTAL UNITS (11.2896 MHz)
X201	1-814-342-11 s	QUARTZ CRYSTAL UNIT (24 MHz)
X400	1-813-052-21 s	VIBRATOR, CRYSTAL (25 MHz)

TG-279 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1851-617-A s	MOUNTED CIRCUIT BOARD, TG-279
C1	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C2	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C3	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C4	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C5	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C6	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C7	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C8	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
C9	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C10	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C11	1-116-346-11 s	CAP, ELECT 47MF 105
C12	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C13	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C14	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C15	1-112-300-91 s	CAP, CERAMIC 4.7MF B (2012)
C17	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C18	1-116-346-11 s	CAP, ELECT 47MF 105
C19	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C20	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
C21	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C22	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C23	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C24	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C25	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C26	1-116-103-11 s	CAP, ELECT 470MF 105
C27	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C28	1-116-103-11 s	CAP, ELECT 470MF 105
C29	1-116-103-11 s	CAP, ELECT 470MF 105
C30	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C31	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C32	1-116-346-11 s	CAP, ELECT 47MF 105
C33	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
C34	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C35	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C36	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C37	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C38	1-116-103-11 s	CAP, ELECT 470MF 105
C39	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C40	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

TG-279 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C41	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C42	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C43	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C44	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C45	1-116-103-11 s	CAP, ELECT 470MF 105
C46	1-116-103-11 s	CAP, ELECT 470MF 105
C47	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C48	1-165-884-91 s	CAP, CERAMIC 2.2MF (1608)
C49	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C50	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C51	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C52	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C53	1-165-798-21 s	CAP, CHIP ELECT 100MF (7343)
C54	1-165-798-21 s	CAP, CHIP ELECT 100MF (7343)
C55	1-165-798-21 s	CAP, CHIP ELECT 100MF (7343)
C56	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C57	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C58	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C59	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C60	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C61	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C62	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C63	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C64	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C65	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C66	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C67	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C68	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C69	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C70	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C71	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C72	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C73	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C74	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C75	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C76	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C77	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C78	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C79	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C80	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C81	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C82	1-112-300-91 s	CAP, CERAMIC 4.7MF B (2012)
C83	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C84	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C85	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C86	1-112-300-91 s	CAP, CERAMIC 4.7MF B (2012)
C87	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C88	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C89	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C90	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C91	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C100	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C101	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C102	1-100-591-91 s	CAP, CHIP CERAMIC 1MF B 2012
C103	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C104	1-112-780-11 s	CAP, CERAMIC 0.47MF X7R 1608
C105	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C106	1-162-964-91 s	CAP,CHIP CERAMIC 1000PF B 1608
C107	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C108	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C109	1-114-160-91 s	CAP, CHIP CERAMIC 1MF B 3225
C110	1-114-160-91 s	CAP, CHIP CERAMIC 1MF B 3225
C111	1-114-160-91 s	CAP, CHIP CERAMIC 1MF B 3225
C112	1-114-160-91 s	CAP, CHIP CERAMIC 1MF B 3225
C113	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005

TG-279 BOARD

Ref. No. or Q'ty	Part No.	SP Description
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	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C118	1-114-868-11 s	CAP, CERAMIC 0.1MF X7R 1608
C119	1-100-756-91 s	CAP,CHIPCERAMIC 47000PF B 1608
C120	1-100-756-91 s	CAP,CHIPCERAMIC 47000PF B 1608
CN2	1-817-456-21 s	CONNECTOR, COAXIAL
CN4	1-580-559-11 o	PIN, CONNECTOR (PC BOARD) 8P
CN5	1-770-623-21 s	PIN, CONNECTOR 6P
CN6	1-770-623-21 s	PIN, CONNECTOR 6P
CN7	1-770-627-21 s	PIN, CONNECTOR 10P
CN8	1-770-621-21 s	PIN, CONNECTOR 4P
CN9	1-770-621-21 s	PIN, CONNECTOR 4P
CN10	1-785-900-21 s	CONNECTOR 5P
D100	6-501-123-01 s	DIODE RB160M-60TR
D101	8-719-056-48 s	DI 1SS388
D102	8-719-056-48 s	DI 1SS388
E1	1-535-877-22 s	CHIP, CHECKER
E2	1-535-877-22 s	CHIP, CHECKER
FB100	1-500-456-21 s	ARRAY, FERRITE CHIP
FB101	1-414-772-21 s	FERRITE. EMI (SMD) (2012)
FB102	1-414-772-21 s	FERRITE. EMI (SMD) (2012)
FB103	1-414-772-21 s	FERRITE. EMI (SMD) (2012)
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	6-704-571-01 s	IC TLC7703IPWR
IC5	8-759-669-43 s	IC SN74LVC157APWR-12
IC6	6-700-387-01 s	IC EPC2LC20N-TP
IC7	6-710-710-01 s	IC TC7PA19AFE(T5RSOYF
IC8	6-710-710-01 s	IC TC7PA19AFE(T5RSOYF
IC9	6-709-647-01 s	IC TLC2932AIPWR
IC10	6-701-541-01 s	IC TLC2272CPWR
IC11	8-759-488-34 s	IC TLV2221CDBV
IC13	6-709-937-01 s	IC TC7SA34FU(T5RSOYF)
IC14	6-709-937-01 s	IC TC7SA34FU(T5RSOYF)
IC15	6-709-937-01 s	IC TC7SA34FU(T5RSOYF)
IC16	8-759-669-71 s	IC PCF8591T/2
IC101	6-709-015-01 s	IC UPC2905BT-E2-AZ
IC102	6-703-223-01 s	IC MAX668EUB+TG069
IC103	8-759-184-65 s	IC TC4W66FU(Te12R)
IC104	8-759-184-65 s	IC TC4W66FU(Te12R)
IC106	8-759-338-95 s	IC NJM2903V(Te2)
L2	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L3	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L7	1-414-404-41 s	INDUCTOR (SMD) 100.0UH
L8	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L9	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L10	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L11	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
L12	1-416-344-21 s	COIL, CHOKE 10UH
L13	1-416-344-21 s	COIL, CHOKE 10UH
L14	1-416-344-21 s	COIL, CHOKE 10UH
L100	1-414-400-41 s	INDUCTOR (SMD) 22.0UH
L101	1-416-510-21 s	COIL, CHOKE 100UH
L102	1-414-392-41 s	INDUCTOR (SMD) 1.0UH
Q1	8-729-140-67 s	TRANSISTOR 2SC4177-T1L5L6
Q2	8-729-140-67 s	TRANSISTOR 2SC4177-T1L5L6
Q3	8-729-111-58 s	TRANSISTOR 2SB1114-T1ZL
Q4	8-729-111-58 s	TRANSISTOR 2SB1114-T1ZL
Q5	8-729-140-67 s	TRANSISTOR 2SC4177-T1L5L6

TG-279 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q6	8-729-111-58 s	TRANSISTOR 2SB1114-T1ZL
Q7	8-729-140-67 s	TRANSISTOR 2SC4177-T1L5L6
Q8	8-729-111-58 s	TRANSISTOR 2SB1114-T1ZL
Q9	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q10	8-729-111-58 s	TRANSISTOR 2SB1114-T1ZL
Q101	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q102	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q103	6-552-494-01 s	TR SI2307CDS-T1-GE3
Q104	6-552-494-01 s	TR SI2307CDS-T1-GE3
Q105	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q106	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q107	6-552-494-01 s	TR SI2307CDS-T1-GE3
Q108	6-552-494-01 s	TR SI2307CDS-T1-GE3
R1	1-208-855-81 s	RES, CHIP 47 (1005)
R2	1-208-855-81 s	RES, CHIP 47 (1005)
R3	1-208-855-81 s	RES, CHIP 47 (1005)
R4	1-208-855-81 s	RES, CHIP 47 (1005)
R5	1-208-855-81 s	RES, CHIP 47 (1005)
R6	1-208-855-81 s	RES, CHIP 47 (1005)
R7	1-208-855-81 s	RES, CHIP 47 (1005)
R8	1-208-855-81 s	RES, CHIP 47 (1005)
R9	1-208-855-81 s	RES, CHIP 47 (1005)
R10	1-208-855-81 s	RES, CHIP 47 (1005)
R11	1-208-855-81 s	RES, CHIP 47 (1005)
R12	1-208-855-81 s	RES, CHIP 47 (1005)
R13	1-208-855-81 s	RES, CHIP 47 (1005)
R14	1-208-855-81 s	RES, CHIP 47 (1005)
R15	1-208-855-81 s	RES, CHIP 47 (1005)
R16	1-208-855-81 s	RES, CHIP 47 (1005)
R17	1-208-855-81 s	RES, CHIP 47 (1005)
R18	1-208-855-81 s	RES, CHIP 47 (1005)
R19	1-208-855-81 s	RES, CHIP 47 (1005)
R20	1-208-855-81 s	RES, CHIP 47 (1005)
R21	1-208-855-81 s	RES, CHIP 47 (1005)
R22	1-208-855-81 s	RES, CHIP 47 (1005)
R23	1-208-855-81 s	RES, CHIP 47 (1005)
R24	1-208-855-81 s	RES, CHIP 47 (1005)
R25	1-208-855-81 s	RES, CHIP 47 (1005)
R26	1-208-855-81 s	RES, CHIP 47 (1005)
R27	1-208-855-81 s	RES, CHIP 47 (1005)
R28	1-208-855-81 s	RES, CHIP 47 (1005)
R29	1-208-855-81 s	RES, CHIP 47 (1005)
R30	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R31	1-208-887-81 s	RES, CHIP 1.0K (1005)
R32	1-208-863-81 s	RES, CHIP 100 (1005)
R33	1-208-863-81 s	RES, CHIP 100 (1005)
R34	1-208-863-81 s	RES, CHIP 100 (1005)
R35	1-208-863-81 s	RES, CHIP 100 (1005)
R36	1-208-855-81 s	RES, CHIP 47 (1005)
R37	1-208-855-81 s	RES, CHIP 47 (1005)
R38	1-208-855-81 s	RES, CHIP 47 (1005)
R39	1-208-855-81 s	RES, CHIP 47 (1005)
R40	1-208-855-81 s	RES, CHIP 47 (1005)
R41	1-208-855-81 s	RES, CHIP 47 (1005)
R42	1-208-855-81 s	RES, CHIP 47 (1005)
R43	1-208-855-81 s	RES, CHIP 47 (1005)
R44	1-208-855-81 s	RES, CHIP 47 (1005)
R45	1-208-855-81 s	RES, CHIP 47 (1005)
R46	1-208-855-81 s	RES, CHIP 47 (1005)
R47	1-208-855-81 s	RES, CHIP 47 (1005)
R48	1-208-855-81 s	RES, CHIP 47 (1005)
R49	1-208-855-81 s	RES, CHIP 47 (1005)
R50	1-208-855-81 s	RES, CHIP 47 (1005)
R51	1-208-855-81 s	RES, CHIP 47 (1005)
R52	1-208-855-81 s	RES, CHIP 47 (1005)

TG-279 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R54	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R55	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R56	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R57	1-208-855-81 s	RES, CHIP 47 (1005)
R58	1-208-855-81 s	RES, CHIP 47 (1005)
R59	1-208-911-81 s	RES, CHIP 10K (1005)
R60	1-208-911-81 s	RES, CHIP 10K (1005)
R61	1-208-859-81 s	RES, CHIP 68 (1005)
R62	1-208-859-81 s	RES, CHIP 68 (1005)
R63	1-208-859-81 s	RES, CHIP 68 (1005)
R64	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R65	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R66	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R67	1-208-911-81 s	RES, CHIP 10K (1005)
R68	1-208-891-81 s	RES, CHIP 1.5K (1005)
R69	1-243-975-81 s	RES, CHIP 4.7M (1005)
R70	1-208-863-81 s	RES, CHIP 100 (1005)
R71	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R72	1-208-907-81 s	RES, CHIP 6.8K (1005)
R73	1-208-923-81 s	RES, CHIP 33K (1005)
R74	1-208-887-81 s	RES, CHIP 1.0K (1005)
R75	1-208-907-81 s	RES, CHIP 6.8K (1005)
R76	1-208-883-81 s	RES, CHIP 680 (1005)
R77	1-208-911-81 s	RES, CHIP 10K (1005)
R78	1-208-911-81 s	RES, CHIP 10K (1005)
R79	1-208-911-81 s	RES, CHIP 10K (1005)
R80	1-208-911-81 s	RES, CHIP 10K (1005)
R81	1-208-917-81 s	RES, CHIP 18K (1005)
R82	1-208-863-81 s	RES, CHIP 100 (1005)
R83	1-208-895-81 s	RES, CHIP 2.2K (1005)
R84	1-220-878-81 s	RES, CHIP 22 (1005)
R85	1-220-878-81 s	RES, CHIP 22 (1005)
R87	1-208-887-81 s	RES, CHIP 1.0K (1005)
R88	1-208-863-81 s	RES, CHIP 100 (1005)
R89	1-208-907-81 s	RES, CHIP 6.8K (1005)
R90	1-208-923-81 s	RES, CHIP 33K (1005)
R91	1-208-887-81 s	RES, CHIP 1.0K (1005)
R92	1-208-911-81 s	RES, CHIP 10K (1005)
R93	1-208-863-81 s	RES, CHIP 100 (1005)
R94	1-208-887-81 s	RES, CHIP 1.0K (1005)
R95	1-208-871-81 s	RES, CHIP 220 (1005)
R96	1-208-911-81 s	RES, CHIP 10K (1005)
R97	1-208-913-81 s	RES, CHIP 12K (1005)
R98	1-208-915-81 s	RES, CHIP 15K (1005)
R99	1-208-863-81 s	RES, CHIP 100 (1005)
R100	1-208-887-81 s	RES, CHIP 1.0K (1005)
R101	1-208-871-81 s	RES, CHIP 220 (1005)
R102	1-208-871-81 s	RES, CHIP 220 (1005)
R103	1-208-893-81 s	RES, CHIP 1.8K (1005)
R104	1-208-911-81 s	RES, CHIP 10K (1005)
R105	1-208-911-81 s	RES, CHIP 10K (1005)
R106	1-208-911-81 s	RES, CHIP 10K (1005)
R107	1-208-863-81 s	RES, CHIP 100 (1005)
R108	1-208-871-81 s	RES, CHIP 220 (1005)
R109	1-220-878-81 s	RES, CHIP 22 (1005)
R110	1-208-903-81 s	RES, CHIP 4.7K (1005)
R112	1-208-863-81 s	RES, CHIP 100 (1005)
R113	1-208-863-81 s	RES, CHIP 100 (1005)
R114	1-220-878-81 s	RES, CHIP 22 (1005)
R115	1-220-878-81 s	RES, CHIP 22 (1005)
R116	1-208-863-81 s	RES, CHIP 100 (1005)
R117	1-208-863-81 s	RES, CHIP 100 (1005)
R118	1-208-863-81 s	RES, CHIP 100 (1005)
R119	1-208-911-81 s	RES, CHIP 10K (1005)
R120	1-208-911-81 s	RES, CHIP 10K (1005)

TG-279 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R121	1-208-911-81 s	RES, CHIP 10K (1005)
R122	1-208-911-81 s	RES, CHIP 10K (1005)
R123	1-208-911-81 s	RES, CHIP 10K (1005)
R124	1-208-911-81 s	RES, CHIP 10K (1005)
R125	1-208-911-81 s	RES, CHIP 10K (1005)
R126	1-220-878-81 s	RES, CHIP 22 (1005)
R127	1-208-911-81 s	RES, CHIP 10K (1005)
R128	1-208-911-81 s	RES, CHIP 10K (1005)
R129	1-208-911-81 s	RES, CHIP 10K (1005)
R130	1-208-911-81 s	RES, CHIP 10K (1005)
R132	1-220-878-81 s	RES, CHIP 22 (1005)
R133	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R134	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R135	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R136	1-220-878-81 s	RES, CHIP 22 (1005)
R137	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R138	1-220-878-81 s	RES, CHIP 22 (1005)
R139	1-220-878-81 s	RES, CHIP 22 (1005)
R140	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R141	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R142	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R143	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R144	1-220-878-81 s	RES, CHIP 22 (1005)
R145	1-220-878-81 s	RES, CHIP 22 (1005)
R146	1-220-878-81 s	RES, CHIP 22 (1005)
R147	1-208-863-81 s	RES, CHIP 100 (1005)
R148	1-208-855-81 s	RES, CHIP 47 (1005)
R149	1-208-855-81 s	RES, CHIP 47 (1005)
R150	1-208-855-81 s	RES, CHIP 47 (1005)
R151	1-208-855-81 s	RES, CHIP 47 (1005)
R152	1-208-855-81 s	RES, CHIP 47 (1005)
R153	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R154	1-208-855-81 s	RES, CHIP 47 (1005)
R155	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R156	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R157	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R158	1-208-855-81 s	RES, CHIP 47 (1005)
R159	1-208-855-81 s	RES, CHIP 47 (1005)
R160	1-208-855-81 s	RES, CHIP 47 (1005)
R161	1-208-855-81 s	RES, CHIP 47 (1005)
R162	1-208-855-81 s	RES, CHIP 47 (1005)
R163	1-208-855-81 s	RES, CHIP 47 (1005)
R200	1-220-870-81 s	RES, CHIP 10 (1005)
R201	1-220-870-81 s	RES, CHIP 10 (1005)
R202	1-208-935-81 s	RES, CHIP 100K (1005)
R203	1-208-935-81 s	RES, CHIP 100K (1005)
R204	1-208-911-81 s	RES, CHIP 10K (1005)
R205	1-208-911-81 s	RES, CHIP 10K (1005)
R206	1-208-863-81 s	RES, CHIP 100 (1005)
R300	1-208-855-81 s	RES, CHIP 47 (1005)
R301	1-208-855-81 s	RES, CHIP 47 (1005)
R302	1-208-855-81 s	RES, CHIP 47 (1005)
R303	1-208-855-81 s	RES, CHIP 47 (1005)
R304	1-208-855-81 s	RES, CHIP 47 (1005)
R305	1-208-855-81 s	RES, CHIP 47 (1005)
R306	1-208-855-81 s	RES, CHIP 47 (1005)
R307	1-208-855-81 s	RES, CHIP 47 (1005)
R308	1-208-855-81 s	RES, CHIP 47 (1005)
R309	1-208-855-81 s	RES, CHIP 47 (1005)
R310	1-208-855-81 s	RES, CHIP 47 (1005)
R311	1-208-855-81 s	RES, CHIP 47 (1005)
R312	1-208-855-81 s	RES, CHIP 47 (1005)
R313	1-208-855-81 s	RES, CHIP 47 (1005)
R314	1-208-855-81 s	RES, CHIP 47 (1005)
R315	1-208-855-81 s	RES, CHIP 47 (1005)

TG-279 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R316	1-208-855-81 s	RES, CHIP 47 (1005)
R317	1-208-855-81 s	RES, CHIP 47 (1005)
R318	1-208-855-81 s	RES, CHIP 47 (1005)
R319	1-208-855-81 s	RES, CHIP 47 (1005)
R320	1-208-855-81 s	RES, CHIP 47 (1005)
R321	1-208-855-81 s	RES, CHIP 47 (1005)
R322	1-208-855-81 s	RES, CHIP 47 (1005)
R323	1-208-855-81 s	RES, CHIP 47 (1005)
R324	1-208-855-81 s	RES, CHIP 47 (1005)
R325	1-208-855-81 s	RES, CHIP 47 (1005)
R326	1-208-855-81 s	RES, CHIP 47 (1005)
R327	1-208-855-81 s	RES, CHIP 47 (1005)
R328	1-208-877-81 s	RES, CHIP 390 (1005)
R329	1-208-935-81 s	RES, CHIP 100K (1005)
R330	1-208-935-81 s	RES, CHIP 100K (1005)
R331	1-220-870-81 s	RES, CHIP 10 (1005)
R332	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R333	1-208-911-81 s	RES, CHIP 10K (1005)
R334	1-208-911-81 s	RES, CHIP 10K (1005)
R335	1-211-899-91 s	RES,SQUARE TYPE CHIP 0.22 3225
R336	1-208-935-81 s	RES, CHIP 100K (1005)
R337	1-208-921-81 s	RES, CHIP 27K (1005)
R338	1-208-907-81 s	RES, CHIP 6.8K (1005)
R339	1-208-919-81 s	RES, CHIP 22K (1005)
R340	1-208-891-81 s	RES, CHIP 1.5K (1005)
R341	1-208-887-81 s	RES, CHIP 1.0K (1005)
R342	1-208-915-81 s	RES, CHIP 15K (1005)
R343	1-208-887-81 s	RES, CHIP 1.0K (1005)
R344	1-208-915-81 s	RES, CHIP 15K (1005)
R345	1-216-831-91 s	RES, CHIP 6.8K (1608)
R346	1-216-831-91 s	RES, CHIP 6.8K (1608)
R347	1-208-927-81 s	RES, CHIP 47K (1005)
R348	1-208-911-81 s	RES, CHIP 10K (1005)
R349	1-208-927-81 s	RES, CHIP 47K (1005)
R350	1-208-911-81 s	RES, CHIP 10K (1005)
R351	1-220-234-91 s	RES,SQUARE TYPE CHIP 4.7(3225)
R352	1-220-234-91 s	RES,SQUARE TYPE CHIP 4.7(3225)
R353	1-208-927-81 s	RES, CHIP 47K (1005)
R354	1-208-927-81 s	RES, CHIP 47K (1005)
R355	1-208-891-81 s	RES, CHIP 1.5K (1005)
R356	1-208-891-81 s	RES, CHIP 1.5K (1005)
R357	1-220-878-81 s	RES, CHIP 22 (1005)
R358	1-220-878-81 s	RES, CHIP 22 (1005)
R359	1-220-878-81 s	RES, CHIP 22 (1005)
R360	1-220-878-81 s	RES, CHIP 22 (1005)
R361	1-220-878-81 s	RES, CHIP 22 (1005)
R362	1-208-855-81 s	RES, CHIP 47 (1005)
R363	1-208-855-81 s	RES, CHIP 47 (1005)
R364	1-208-855-81 s	RES, CHIP 47 (1005)
R365	1-208-855-81 s	RES, CHIP 47 (1005)
R368	1-208-855-81 s	RES, CHIP 47 (1005)
R369	1-208-855-81 s	RES, CHIP 47 (1005)
R370	1-208-855-81 s	RES, CHIP 47 (1005)
R371	1-208-855-81 s	RES, CHIP 47 (1005)
RB1	1-234-376-21 s	RES, NETWORK 2.2K (1005X4)
RB2	1-234-376-21 s	RES, NETWORK 2.2K (1005X4)
RB5	1-234-371-21 s	RES, NETWORK 47 (1005X4)
S1002	1-692-881-41 s	SWITCH, SLIDE
TP1	1-535-877-22 s	CHIP, CHECKER
TP2	1-535-877-22 s	CHIP, CHECKER
TP3	1-535-877-22 s	CHIP, CHECKER
TP4	1-535-877-22 s	CHIP, CHECKER
TP7	1-535-877-22 s	CHIP, CHECKER

VDA-71 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1851-619-A	s MOUNTED CIRCUIT BOARD, VDA-71
4pcs	3-364-941-01	s SCREW (+B) (2.6X5), NYLOK
3pcs	3-729-061-02	s SCREW (M2) (TYPE 1)
2pcs	3-903-672-01	s SHEET,RADIATION
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	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C6	1-114-219-21	s CAP, CERAMIC 1MF C (1005)
C7	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C8	1-112-815-91	s CAP, CERAMIC 10MF C (1608)
C9	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C10	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C11	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C12	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C13	1-114-219-21	s CAP, CERAMIC 1MF C (1005)
C14	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C16	1-112-815-91	s CAP, CERAMIC 10MF C (1608)
C21	1-112-815-91	s CAP, CERAMIC 10MF C (1608)
C25	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C26	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C27	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C28	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C32	1-112-815-91	s CAP, CERAMIC 10MF C (1608)
C33	1-112-815-91	s CAP, CERAMIC 10MF C (1608)
C34	1-114-219-21	s CAP, CERAMIC 1MF C (1005)
C35	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C36	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C37	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C38	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C39	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C40	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C41	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C42	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C43	1-127-715-91	s CAP,CHIP CERAMIC 0.22MF B 1608
C44	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C45	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C46	1-164-939-81	s CAP, CHIP CERAMIC 2200PF B 1005
C47	1-164-866-81	s CAP, CHIP CERAMIC 47PF CH 1005
C48	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C49	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C50	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C51	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C52	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C53	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C54	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C55	1-164-936-81	s CAP, CHIP CERAMIC 680PF B 1005
C56	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C57	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C58	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C59	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C60	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C62	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C64	1-164-939-81	s CAP, CHIP CERAMIC 2200PF B 1005
C65	1-164-866-81	s CAP, CHIP CERAMIC 47PF CH 1005
C66	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C68	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C69	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C70	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C71	1-164-936-81	s CAP, CHIP CERAMIC 680PF B 1005
C72	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C73	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C74	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225

VDA-71 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C75	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C76	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C78	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C79	1-164-939-81	s CAP, CHIP CERAMIC 2200PF B 1005
C80	1-164-866-81	s CAP, CHIP CERAMIC 47PF CH 1005
C81	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C83	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C84	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C85	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C86	1-164-936-81	s CAP, CHIP CERAMIC 680PF B 1005
C87	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C88	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C89	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C90	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C91	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C93	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C94	1-164-939-81	s CAP, CHIP CERAMIC 2200PF B 1005
C95	1-164-866-81	s CAP, CHIP CERAMIC 47PF CH 1005
C96	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C98	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C99	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C100	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C101	1-164-936-81	s CAP, CHIP CERAMIC 680PF B 1005
C102	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C103	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C104	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C105	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C106	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C108	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C110	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C227	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C228	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C229	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C230	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C231	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C232	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C233	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C234	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C235	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C236	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C237	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C238	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C239	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C240	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C241	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C242	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C243	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C244	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C245	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C246	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C247	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C248	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C249	1-112-815-91	s CAP, CERAMIC 10MF C (1608)
C250	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C251	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C252	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C253	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C254	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C255	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C256	1-112-815-91	s CAP, CERAMIC 10MF C (1608)
C257	1-112-815-91	s CAP, CERAMIC 10MF C (1608)
C258	1-100-611-91	s CAP, CERAMIC 22MF C (2012)
C259	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C260	1-112-815-91	s CAP, CERAMIC 10MF C (1608)
C261	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005

VDA-71 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C515	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C516	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C517	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C518	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C519	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C520	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C521	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C522	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C523	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C524	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C525	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C526	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C527	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C528	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C529	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C530	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C531	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C532	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C534	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C536	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C537	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C538	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C539	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C540	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C541	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C542	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C543	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C544	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C545	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C546	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C547	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C548	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C549	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C550	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C551	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C552	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C553	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C554	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C555	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C556	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C557	1-119-923-81 s	CAP, CERAMIC 0.047MF B 1005
C558	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C559	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C560	1-119-923-81 s	CAP, CERAMIC 0.047MF B 1005
C561	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C562	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C563	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C564	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C565	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C566	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C569	1-164-840-81 s	CAP, CHIP CERAMIC 1PF CK 1005
C570	1-164-840-81 s	CAP, CHIP CERAMIC 1PF CK 1005
C571	1-164-840-81 s	CAP, CHIP CERAMIC 1PF CK 1005
C572	1-164-840-81 s	CAP, CHIP CERAMIC 1PF CK 1005
C573	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C574	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C575	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C576	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C577	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C578	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C579	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C580	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C602	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C603	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C604	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

VDA-71 BOARD

Ref. No. or Q'ty	Part No.	SP Description
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C620	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C621	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C622	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C623	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C624	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C625	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C626	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C627	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C628	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
C629	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C631	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C632	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C633	1-114-219-21 s	CAP, CERAMIC 1MF C (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	1-114-219-21 s	CAP, CERAMIC 1MF C (1005)
CN500	1-764-243-31 o	CONNECTOR (COAXIAL)
CN501	1-764-243-31 o	CONNECTOR (COAXIAL)
CN503	1-785-840-31 s	CONNECTOR, FFC/FPC(ZIF) AN 15P
CN600	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
D4	6-502-598-01 s	DI SML-D12U8WT86
D5	8-719-069-28 s	DI 1SS400FJTE61
D9	8-719-069-28 s	DI 1SS400FJTE61
D200	6-502-197-01 s	DI SML-D12M8WT86SM
D201	8-719-069-28 s	DI 1SS400FJTE61
D301	8-719-069-28 s	DI 1SS400FJTE61
D500	6-502-197-01 s	DI SML-D12M8WT86SM
D501	6-502-197-01 s	DI SML-D12M8WT86SM
D502	6-502-598-01 s	DI SML-D12U8WT86
D503	8-719-069-28 s	DI 1SS400FJTE61
D600	6-502-197-01 s	DI SML-D12M8WT86SM
E1	1-535-877-22 s	CHIP, CHECKER
E2	1-535-877-22 s	CHIP, CHECKER
E4	1-535-877-22 s	CHIP, CHECKER
E6	1-535-877-22 s	CHIP, CHECKER
FB1	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB2	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB3	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB4	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB5	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB6	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB7	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB8	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB9	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB10	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB11	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB12	1-414-864-21 s	FERRITE, EMI (SMD) (1608)

VDA-71 BOARD

Ref. No. or Q'ty	Part No.	SP Description
FB200	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB201	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB202	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB203	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB204	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB302	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB304	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB305	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB306	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB312	1-414-864-21 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)
FB403	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB404	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB405	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB406	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB407	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB408	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB500	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB501	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB502	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB503	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB504	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB506	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB507	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB508	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB601	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB602	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB603	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB604	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FL500	1-234-537-21 s	FILTER, LOW PASS (SMD)
FL501	1-234-970-21 s	FILTER, LOW PASS (15MHZ)
FL502	1-234-970-21 s	FILTER, LOW PASS (15MHZ)
IC1	6-704-099-01 s	IC TC7WZ08FK
IC2	6-711-427-01 s	IC TC74VHC245FK (EL, K)
IC3	6-711-427-01 s	IC TC74VHC245FK (EL, K)
IC4	6-711-427-01 s	IC TC74VHC245FK (EL, K)
IC5	8-759-592-48 s	IC TC7SZ32FU (TE85R)
IC6	6-703-238-01 s	IC TC7WZ34FK
IC7	6-710-018-01 s	IC CAT24C02WI-GT3
IC8	6-712-271-01 s	IC LM95245CIMMX
IC9	8-759-592-42 s	IC TC7SZ00FU (TE85R)
IC10	6-703-238-01 s	IC TC7WZ34FK
IC13	8-759-327-01 s	IC NJM062V (TE2)
IC14	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC15	6-704-567-01 s	IC R3112N451A-TR-FA
IC16	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC18	6-713-169-01 s	IC LTC3412AEFE#TR
IC19	6-713-169-01 s	IC LTC3412AEFE#TR
IC20	6-713-169-01 s	IC LTC3412AEFE#TR
IC21	6-713-169-01 s	IC LTC3412AEFE#TR
IC203	6-712-135-01 o	IC R1173H001D-T1-F
IC301	6-712-135-01 o	IC R1173H001D-T1-F
IC500	6-714-534-01 s	IC W9864G2IH-6-ER10
IC501	6-712-135-01 o	IC R1173H001D-T1-F
IC503	6-713-186-01 s	IC ADV7344BSTZ
IC504	6-703-238-01 s	IC TC7WZ34FK
IC505	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC506	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC507	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC508	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC602	6-703-238-01 s	IC TC7WZ34FK
IC603	6-703-238-01 s	IC TC7WZ34FK
IC606	8-759-655-22 s	IC TC7WH34FK

VDA-71 BOARD

Ref. No. or Q'ty	Part No.	SP Description
IC607	6-704-643-01 s	IC R3112N221A-TR-FA
IC608	6-704-099-01 s	IC TC7WZ08FK
IC610	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC614	6-713-393-01 s	IC TC7MBL3257AFK
IC615	6-713-393-01 s	IC TC7MBL3257AFK
JC200	1-218-990-81 s	CONDUCTOR, CHIP (1005)
L1	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L4	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L5	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L6	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L7	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L8	1-457-372-21 s	COIL, CHOKE 1UH
L9	1-457-372-21 s	COIL, CHOKE 1UH
L10	1-457-372-21 s	COIL, CHOKE 1UH
L11	1-457-372-21 s	COIL, CHOKE 1UH
L201	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L300	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L301	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L302	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L303	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L500	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L501	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L502	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L503	1-414-836-21 s	INDUCTOR, CHIP 4.7NH (1005)
L504	1-414-836-21 s	INDUCTOR, CHIP 4.7NH (1005)
L505	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L506	1-469-553-21 s	INDUCTOR, CHIP 4.7UH (LB2016)
L507	1-469-553-21 s	INDUCTOR, CHIP 4.7UH (LB2016)
L508	1-469-553-21 s	INDUCTOR, CHIP 4.7UH (LB2016)
L509	1-469-553-21 s	INDUCTOR, CHIP 4.7UH (LB2016)
L510	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L511	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
Q1	8-729-209-73 s	TRANSISTOR 2SA1213Y-TE12L
Q2	8-729-209-77 s	TRANSISTOR 2SC2873Y-TE12L
Q5	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q6	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q7	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q8	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q500	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q600	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q601	8-729-928-28 s	TRANSISTOR DTA144EE-TL
R1	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R3	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R5	1-208-855-81 s	RES, CHIP 47 (1005)
R6	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R7	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R8	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R9	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R12	1-220-878-81 s	RES, CHIP 22 (1005)
R13	1-220-878-81 s	RES, CHIP 22 (1005)
R14	1-220-878-81 s	RES, CHIP 22 (1005)
R16	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R17	1-220-878-81 s	RES, CHIP 22 (1005)
R18	1-220-878-81 s	RES, CHIP 22 (1005)
R19	1-220-878-81 s	RES, CHIP 22 (1005)
R21	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R23	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R24	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R26	1-220-870-81 s	RES, CHIP 10 (1005)
R27	1-220-870-81 s	RES, CHIP 10 (1005)
R29	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R30	1-208-935-81 s	RES, CHIP 100K (1005)

VDA-71 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R31	1-208-935-81 s	RES, CHIP 100K (1005)
R32	1-220-870-81 s	RES, CHIP 10 (1005)
R33	1-220-870-81 s	RES, CHIP 10 (1005)
R34	1-208-887-81 s	RES, CHIP 1.0K (1005)
R35	1-208-935-81 s	RES, CHIP 100K (1005)
R36	1-208-863-81 s	RES, CHIP 100 (1005)
R37	1-208-863-81 s	RES, CHIP 100 (1005)
R38	1-220-878-81 s	RES, CHIP 22 (1005)
R39	1-208-863-81 s	RES, CHIP 100 (1005)
R40	1-220-878-81 s	RES, CHIP 22 (1005)
R41	1-220-878-81 s	RES, CHIP 22 (1005)
R52	1-208-871-81 s	RES, CHIP 220 (1005)
R53	1-208-871-81 s	RES, CHIP 220 (1005)
R54	1-208-923-81 s	RES, CHIP 33K (1005)
R55	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R56	1-208-923-81 s	RES, CHIP 33K (1005)
R57	1-208-903-81 s	RES, CHIP 4.7K (1005)
R59	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R60	1-208-931-81 s	RES, CHIP 68K (1005)
R61	1-208-931-81 s	RES, CHIP 68K (1005)
R64	1-208-911-81 s	RES, CHIP 10K (1005)
R65	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R66	1-208-911-81 s	RES, CHIP 10K (1005)
R67	1-208-911-81 s	RES, CHIP 10K (1005)
R68	1-208-891-81 s	RES, CHIP 1.5K (1005)
R69	1-208-935-81 s	RES, CHIP 100K (1005)
R70	1-208-907-81 s	RES, CHIP 6.8K (1005)
R72	1-208-927-81 s	RES, CHIP 47K (1005)
R73	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R74	1-208-911-81 s	RES, CHIP 10K (1005)
R75	1-208-911-81 s	RES, CHIP 10K (1005)
R76	1-208-935-81 s	RES, CHIP 100K (1005)
R77	1-208-943-81 s	RES, CHIP 220K (1005)
R78	1-208-935-81 s	RES, CHIP 100K (1005)
R79	1-208-903-81 s	RES, CHIP 4.7K (1005)
R80	1-208-927-81 s	RES, CHIP 47K (1005)
R81	1-208-875-81 s	RES, CHIP 330 (1005)
R83	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R84	1-208-907-81 s	RES, CHIP 6.8K (1005)
R85	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R86	1-208-915-81 s	RES, CHIP 15K (1005)
R87	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R88	1-208-915-81 s	RES, CHIP 15K (1005)
R89	1-208-935-81 s	RES, CHIP 100K (1005)
R90	1-208-943-81 s	RES, CHIP 220K (1005)
R92	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R93	1-208-915-81 s	RES, CHIP 15K (1005)
R94	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R95	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R96	1-208-913-81 s	RES, CHIP 12K (1005)
R97	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R99	1-208-887-81 s	RES, CHIP 1.0K (1005)
R100	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R101	1-208-915-81 s	RES, CHIP 15K (1005)
R102	1-208-935-81 s	RES, CHIP 100K (1005)
R103	1-208-943-81 s	RES, CHIP 220K (1005)
R105	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R106	1-208-887-81 s	RES, CHIP 1.0K (1005)
R107	1-208-923-81 s	RES, CHIP 33K (1005)
R108	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R109	1-208-913-81 s	RES, CHIP 12K (1005)
R110	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R112	1-208-889-81 s	RES, CHIP 1.2K (1005)
R113	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R114	1-208-907-81 s	RES, CHIP 6.8K (1005)

VDA-71 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R115	1-208-935-81 s	RES, CHIP 100K (1005)
R116	1-208-943-81 s	RES, CHIP 220K (1005)
R118	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R119	1-208-899-81 s	RES, CHIP 3.3K (1005)
R120	1-208-919-81 s	RES, CHIP 22K (1005)
R121	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R202	1-208-863-81 s	RES, CHIP 100 (1005)
R218	1-208-911-81 s	RES, CHIP 10K (1005)
R219	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R220	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R221	1-208-887-81 s	RES, CHIP 1.0K (1005)
R222	1-208-855-81 s	RES, CHIP 47 (1005)
R223	1-208-855-81 s	RES, CHIP 47 (1005)
R224	1-220-878-81 s	RES, CHIP 22 (1005)
R225	1-208-855-81 s	RES, CHIP 47 (1005)
R226	1-208-855-81 s	RES, CHIP 47 (1005)
R227	1-208-863-81 s	RES, CHIP 100 (1005)
R228	1-208-863-81 s	RES, CHIP 100 (1005)
R230	1-208-863-81 s	RES, CHIP 100 (1005)
R231	1-208-863-81 s	RES, CHIP 100 (1005)
R232	1-208-911-81 s	RES, CHIP 10K (1005)
R233	1-208-911-81 s	RES, CHIP 10K (1005)
R234	1-208-875-81 s	RES, CHIP 330 (1005)
R235	1-208-927-81 s	RES, CHIP 47K (1005)
R238	1-208-927-81 s	RES, CHIP 47K (1005)
R240	1-208-927-81 s	RES, CHIP 47K (1005)
R241	1-208-927-81 s	RES, CHIP 47K (1005)
R243	1-208-863-81 s	RES, CHIP 100 (1005)
R244	1-208-863-81 s	RES, CHIP 100 (1005)
R245	1-208-863-81 s	RES, CHIP 100 (1005)
R246	1-208-863-81 s	RES, CHIP 100 (1005)
R247	1-208-863-81 s	RES, CHIP 100 (1005)
R248	1-208-863-81 s	RES, CHIP 100 (1005)
R249	1-208-863-81 s	RES, CHIP 100 (1005)
R250	1-208-863-81 s	RES, CHIP 100 (1005)
R252	1-208-863-81 s	RES, CHIP 100 (1005)
R253	1-208-863-81 s	RES, CHIP 100 (1005)
R254	1-208-863-81 s	RES, CHIP 100 (1005)
R255	1-208-911-81 s	RES, CHIP 10K (1005)
R256	1-220-878-81 s	RES, CHIP 22 (1005)
R257	1-220-878-81 s	RES, CHIP 22 (1005)
R258	1-220-878-81 s	RES, CHIP 22 (1005)
R259	1-220-878-81 s	RES, CHIP 22 (1005)
R260	1-220-878-81 s	RES, CHIP 22 (1005)
R261	1-220-878-81 s	RES, CHIP 22 (1005)
R262	1-220-878-81 s	RES, CHIP 22 (1005)
R300	1-208-911-81 s	RES, CHIP 10K (1005)
R301	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R302	1-208-895-81 s	RES, CHIP 2.2K (1005)
R303	1-208-887-81 s	RES, CHIP 1.0K (1005)
R361	1-208-935-81 s	RES, CHIP 100K (1005)
R362	1-208-935-81 s	RES, CHIP 100K (1005)
R401	1-208-855-81 s	RES, CHIP 47 (1005)
R402	1-208-855-81 s	RES, CHIP 47 (1005)
R403	1-208-855-81 s	RES, CHIP 47 (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	1-218-990-81 s	CONDUCTOR, CHIP (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)
R412	1-220-878-81 s	RES, CHIP 22 (1005)
R413	1-220-878-81 s	RES, CHIP 22 (1005)

VDA-71 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R414	1-208-863-81 s	RES, CHIP 100 (1005)
R415	1-208-863-81 s	RES, CHIP 100 (1005)
R416	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R417	1-220-878-81 s	RES, CHIP 22 (1005)
R418	1-220-878-81 s	RES, CHIP 22 (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	1-208-863-81 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	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R428	1-220-878-81 s	RES, CHIP 22 (1005)
R501	1-208-855-81 s	RES, CHIP 47 (1005)
R502	1-220-878-81 s	RES, CHIP 22 (1005)
R503	1-208-855-81 s	RES, CHIP 47 (1005)
R506	1-218-929-81 s	RES, CHIP 10
R509	1-218-965-81 s	RES, CHIP 10K 1005
R510	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R511	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R512	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R514	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R515	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R516	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R517	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R518	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R519	1-208-911-81 s	RES, CHIP 10K (1005)
R520	1-208-883-81 s	RES, CHIP 680 (1005)
R521	1-208-863-81 s	RES, CHIP 100 (1005)
R522	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R523	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R524	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R525	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R526	1-208-855-81 s	RES, CHIP 47 (1005)
R527	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R528	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R529	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R531	1-208-867-81 s	RES, CHIP 150 (1005)
R532	1-208-883-81 s	RES, CHIP 680 (1005)
R533	1-208-887-81 s	RES, CHIP 1.0K (1005)
R535	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R537	1-208-927-81 s	RES, CHIP 47K (1005)
R539	1-208-860-81 s	RES, CHIP 75 (1005)
R540	1-208-927-81 s	RES, CHIP 47K (1005)
R542	1-208-860-81 s	RES, CHIP 75 (1005)
R544	1-208-927-81 s	RES, CHIP 47K (1005)
R545	1-208-863-81 s	RES, CHIP 100 (1005)
R546	1-208-863-81 s	RES, CHIP 100 (1005)
R547	1-208-883-81 s	RES, CHIP 680 (1005)
R548	1-220-878-81 s	RES, CHIP 22 (1005)
R549	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R550	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R552	1-208-911-81 s	RES, CHIP 10K (1005)
R554	1-208-855-81 s	RES, CHIP 47 (1005)
R555	1-220-870-81 s	RES, CHIP 10 (1005)
R556	1-220-870-81 s	RES, CHIP 10 (1005)
R557	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R558	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R559	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R560	1-208-855-81 s	RES, CHIP 47 (1005)
R562	1-208-867-81 s	RES, CHIP 150 (1005)
R563	1-208-879-81 s	RES, CHIP 470 (1005)
R564	1-208-883-81 s	RES, CHIP 680 (1005)
R566	1-208-899-81 s	RES, CHIP 3.3K (1005)

VDA-71 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R567	1-208-899-81 s	RES, CHIP 3.3K (1005)
R568	1-208-867-81 s	RES, CHIP 150 (1005)
R569	1-208-885-81 s	RES, CHIP 820 (1005)
R571	1-208-885-81 s	RES, CHIP 820 (1005)
R573	1-208-875-81 s	RES, CHIP 330 (1005)
R574	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R575	1-208-875-81 s	RES, CHIP 330 (1005)
R576	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R577	1-208-875-81 s	RES, CHIP 330 (1005)
R578	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R579	1-208-887-81 s	RES, CHIP 1.0K (1005)
R580	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R581	1-208-887-81 s	RES, CHIP 1.0K (1005)
R582	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R583	1-208-887-81 s	RES, CHIP 1.0K (1005)
R584	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R585	1-208-887-81 s	RES, CHIP 1.0K (1005)
R586	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R587	1-208-875-81 s	RES, CHIP 330 (1005)
R588	1-208-887-81 s	RES, CHIP 1.0K (1005)
R589	1-208-909-81 s	RES, CHIP 8.2K (1005)
R590	1-208-875-81 s	RES, CHIP 330 (1005)
R591	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R592	1-208-915-81 s	RES, CHIP 15K (1005)
R593	1-208-897-81 s	RES, CHIP 2.7K (1005)
R594	1-208-915-81 s	RES, CHIP 15K (1005)
R595	1-208-897-81 s	RES, CHIP 2.7K (1005)
R596	1-208-887-81 s	RES, CHIP 1.0K (1005)
R597	1-208-909-81 s	RES, CHIP 8.2K (1005)
R598	1-208-875-81 s	RES, CHIP 330 (1005)
R599	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R600	1-208-895-81 s	RES, CHIP 2.2K (1005)
R601	1-208-895-81 s	RES, CHIP 2.2K (1005)
R602	1-208-895-81 s	RES, CHIP 2.2K (1005)
R603	1-208-895-81 s	RES, CHIP 2.2K (1005)
R604	1-208-869-81 s	RES, CHIP 180 (1005)
R605	1-208-869-81 s	RES, CHIP 180 (1005)
R606	1-208-873-81 s	RES, CHIP 270 (1005)
R607	1-208-873-81 s	RES, CHIP 270 (1005)
R608	1-208-860-81 s	RES, CHIP 75 (1005)
R609	1-208-860-81 s	RES, CHIP 75 (1005)
R610	1-208-860-81 s	RES, CHIP 75 (1005)
R611	1-208-860-81 s	RES, CHIP 75 (1005)
R612	1-208-860-81 s	RES, CHIP 75 (1005)
R613	1-220-878-81 s	RES, CHIP 22 (1005)
R614	1-220-878-81 s	RES, CHIP 22 (1005)
R615	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R618	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R619	1-208-935-81 s	RES, CHIP 100K (1005)
R620	1-208-935-81 s	RES, CHIP 100K (1005)
R623	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R625	1-208-863-81 s	RES, CHIP 100 (1005)
R640	1-208-903-81 s	RES, CHIP 4.7K (1005)
R642	1-220-878-81 s	RES, CHIP 22 (1005)
R643	1-220-878-81 s	RES, CHIP 22 (1005)
R645	1-208-895-81 s	RES, CHIP 2.2K (1005)
R646	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R647	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R648	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R649	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R655	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R658	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R659	1-208-875-81 s	RES, CHIP 330 (1005)
R660	1-208-895-81 s	RES, CHIP 2.2K (1005)
R661	1-220-878-81 s	RES, CHIP 22 (1005)

VDA-71 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R662	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R663	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R664	1-208-887-81 s	RES, CHIP 1.0K (1005)
R665	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R666	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R667	1-220-878-81 s	RES, CHIP 22 (1005)
R668	1-220-878-81 s	RES, CHIP 22 (1005)
R669	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R670	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R671	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R672	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R673	1-208-875-81 s	RES, CHIP 330 (1005)
R675	1-208-855-81 s	RES, CHIP 47 (1005)
R676	1-220-878-81 s	RES, CHIP 22 (1005)
R677	1-208-855-81 s	RES, CHIP 47 (1005)
R678	1-208-855-81 s	RES, CHIP 47 (1005)
R679	1-208-911-81 s	RES, CHIP 10K (1005)
R680	1-208-911-81 s	RES, CHIP 10K (1005)
R681	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R682	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R683	1-208-887-81 s	RES, CHIP 1.0K (1005)
R684	1-208-887-81 s	RES, CHIP 1.0K (1005)
R685	1-208-855-81 s	RES, CHIP 47 (1005)
R686	1-220-878-81 s	RES, CHIP 22 (1005)
R687	1-220-878-81 s	RES, CHIP 22 (1005)
R688	1-220-878-81 s	RES, CHIP 22 (1005)
R689	1-208-903-81 s	RES, CHIP 4.7K (1005)
R690	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R691	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R692	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R693	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R694	1-208-911-81 s	RES, CHIP 10K (1005)
R696	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R698	1-208-887-81 s	RES, CHIP 1.0K (1005)
R699	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R702	1-208-935-81 s	RES, CHIP 100K (1005)
R704	1-208-935-81 s	RES, CHIP 100K (1005)
R705	1-220-878-81 s	RES, CHIP 22 (1005)
R706	1-220-878-81 s	RES, CHIP 22 (1005)
R707	1-208-903-81 s	RES, CHIP 4.7K (1005)
R708	1-208-935-81 s	RES, CHIP 100K (1005)
R709	1-220-878-81 s	RES, CHIP 22 (1005)
R712	1-208-887-81 s	RES, CHIP 1.0K (1005)
R713	1-220-878-81 s	RES, CHIP 22 (1005)
R714	1-208-911-81 s	RES, CHIP 10K (1005)
R715	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R716	1-220-878-81 s	RES, CHIP 22 (1005)
R717	1-220-878-81 s	RES, CHIP 22 (1005)
R718	1-220-878-81 s	RES, CHIP 22 (1005)
R719	1-220-878-81 s	RES, CHIP 22 (1005)
R720	1-220-878-81 s	RES, CHIP 22 (1005)
R721	1-220-878-81 s	RES, CHIP 22 (1005)
R722	1-220-878-81 s	RES, CHIP 22 (1005)
R723	1-220-878-81 s	RES, CHIP 22 (1005)
R724	1-220-878-81 s	RES, CHIP 22 (1005)
R725	1-220-878-81 s	RES, CHIP 22 (1005)
R727	1-220-878-81 s	RES, CHIP 22 (1005)
R728	1-220-878-81 s	RES, CHIP 22 (1005)
R729	1-220-878-81 s	RES, CHIP 22 (1005)
R730	1-220-878-81 s	RES, CHIP 22 (1005)
R731	1-220-878-81 s	RES, CHIP 22 (1005)
R732	1-220-878-81 s	RES, CHIP 22 (1005)
R733	1-220-878-81 s	RES, CHIP 22 (1005)
R734	1-220-878-81 s	RES, CHIP 22 (1005)
R737	1-208-855-81 s	RES, CHIP 47 (1005)

VDA-71 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R738	1-208-855-81 s	RES, CHIP 47 (1005)
R739	1-208-855-81 s	RES, CHIP 47 (1005)
R740	1-220-878-81 s	RES, CHIP 22 (1005)
R741	1-220-878-81 s	RES, CHIP 22 (1005)
R742	1-208-935-81 s	RES, CHIP 100K (1005)
R747	1-220-878-81 s	RES, CHIP 22 (1005)
R749	1-208-903-81 s	RES, CHIP 4.7K (1005)
R751	1-208-903-81 s	RES, CHIP 4.7K (1005)
R752	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R753	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R754	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R755	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R760	1-208-903-81 s	RES, CHIP 4.7K (1005)
R761	1-208-903-81 s	RES, CHIP 4.7K (1005)
R762	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R763	1-208-903-81 s	RES, CHIP 4.7K (1005)
R767	1-208-903-81 s	RES, CHIP 4.7K (1005)
R768	1-220-878-81 s	RES, CHIP 22 (1005)
RB1	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB2	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB3	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB4	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB6	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB7	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB8	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB10	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB11	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB12	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB202	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB203	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB204	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB205	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB206	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB207	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB208	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB209	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB210	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB400	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB401	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB402	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB403	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB404	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB405	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB406	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB407	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB408	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB409	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB410	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB500	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB501	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB502	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB503	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB504	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB505	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB506	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB507	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB508	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB509	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB510	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB511	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB512	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB513	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB515	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB516	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB600	1-234-375-21 s	RES, NETWORK 1K (1005X4)

VDA-71 BOARD

Ref. No. or Q'ty	Part No.	SP Description
RB606	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB607	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
S500	1-692-881-41 s	SWITCH, SLIDE
S600	1-692-881-41 s	SWITCH, SLIDE
TP500	1-535-877-22 s	CHIP, CHECKER
X1	1-813-419-11 s	OSCILLATOR, CRYSTAL DS0321SV
X500	1-814-162-11 s	OSCILLATOR (VCO)

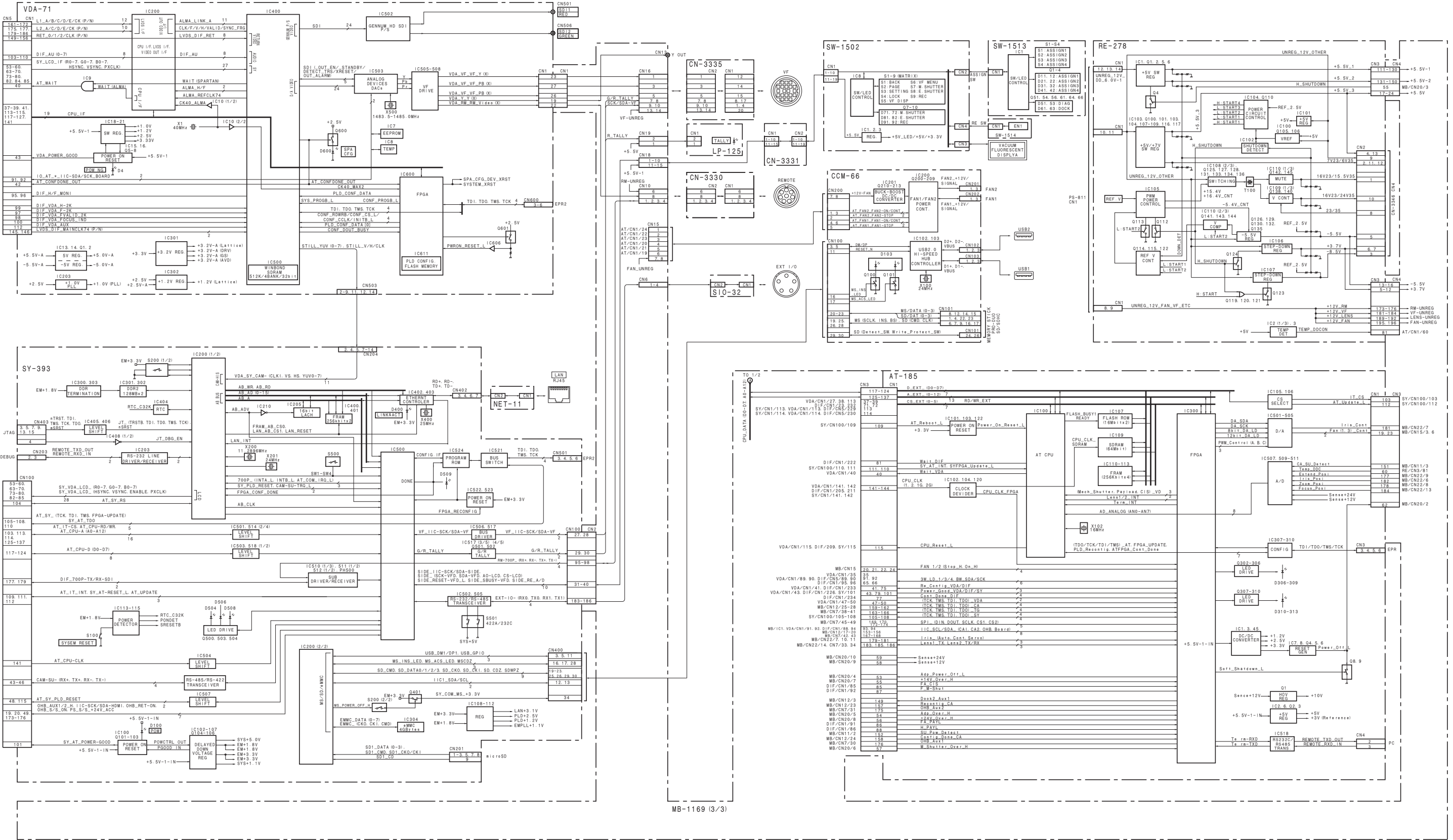
5-4. Supplied Accessories

Q'ty	Part No.	SP Description
1pc	1-821-089-11 s	CONNECTOR, ROUND TYPE 8P
1pc	4-138-677-01 s	BRACKET, BELT
1pc	4-138-758-01 s	CLAMP BELT, CABLE
1pc	⚠ 4-415-180-01 s	CD-ROM PACK
1pc	⚠ 4-415-381-01 s	OPERATION GUIDE
4pcs	7-682-546-09 s	SCREW +B 3X5

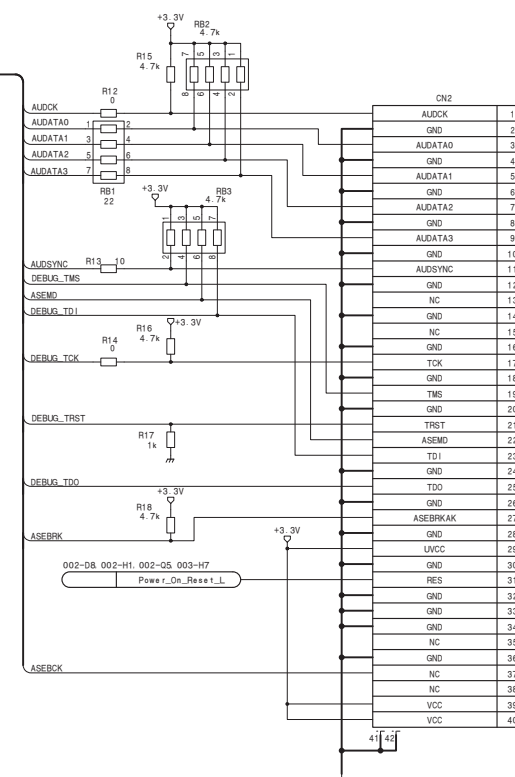
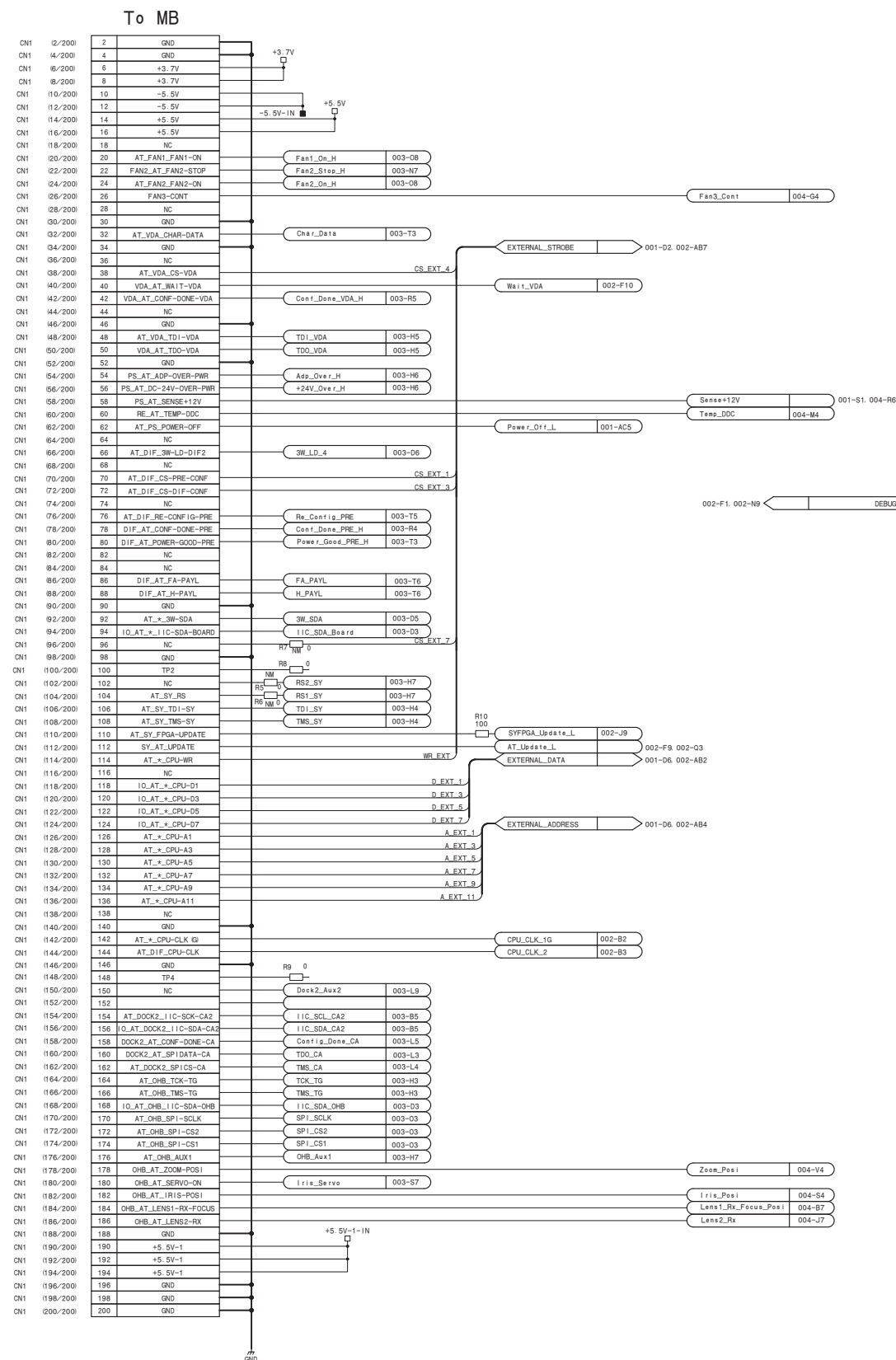
Overall
Overall (1/2)



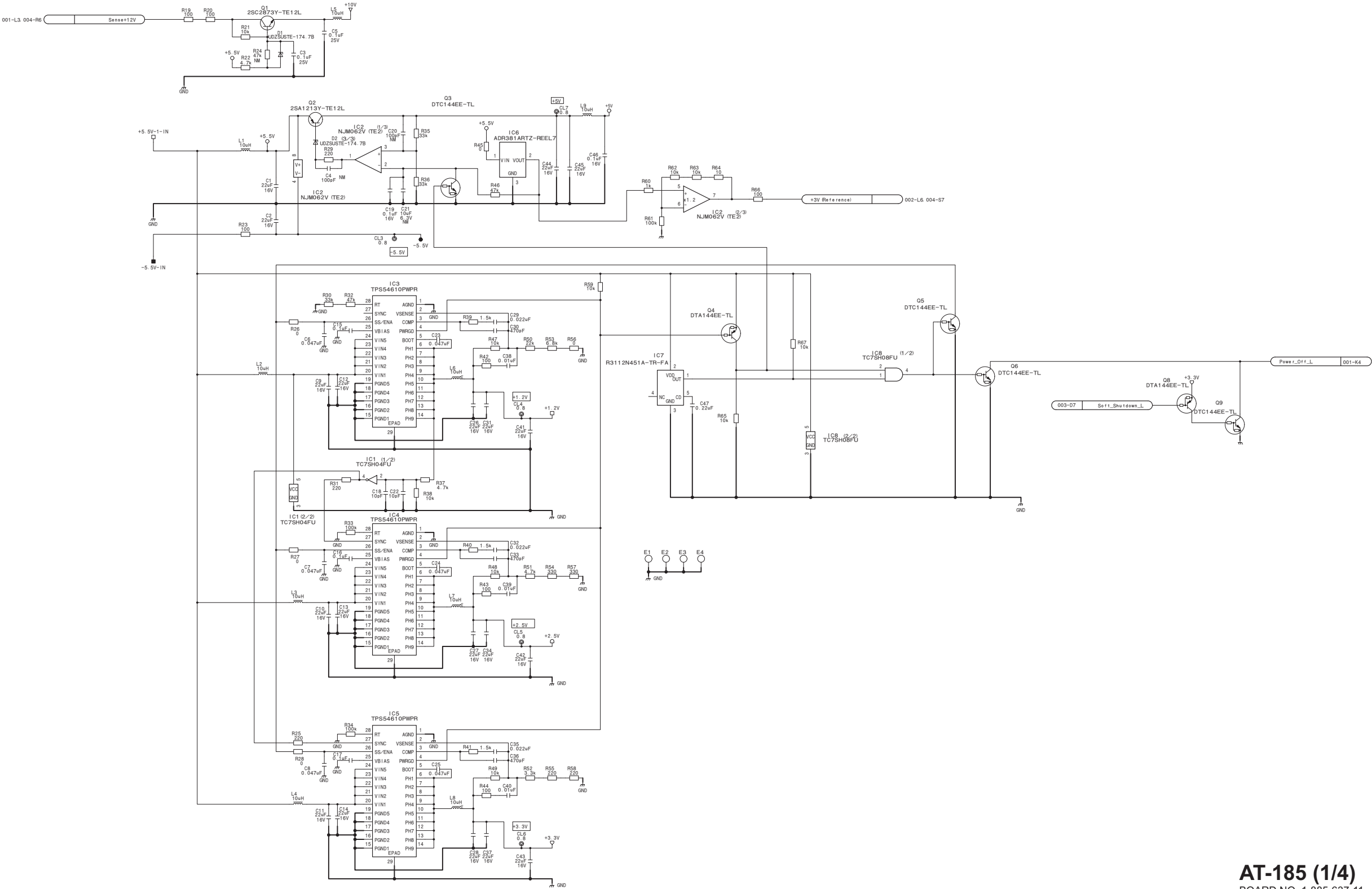
Overall (2/2)



AT-185
AT-185 (1/4)_L

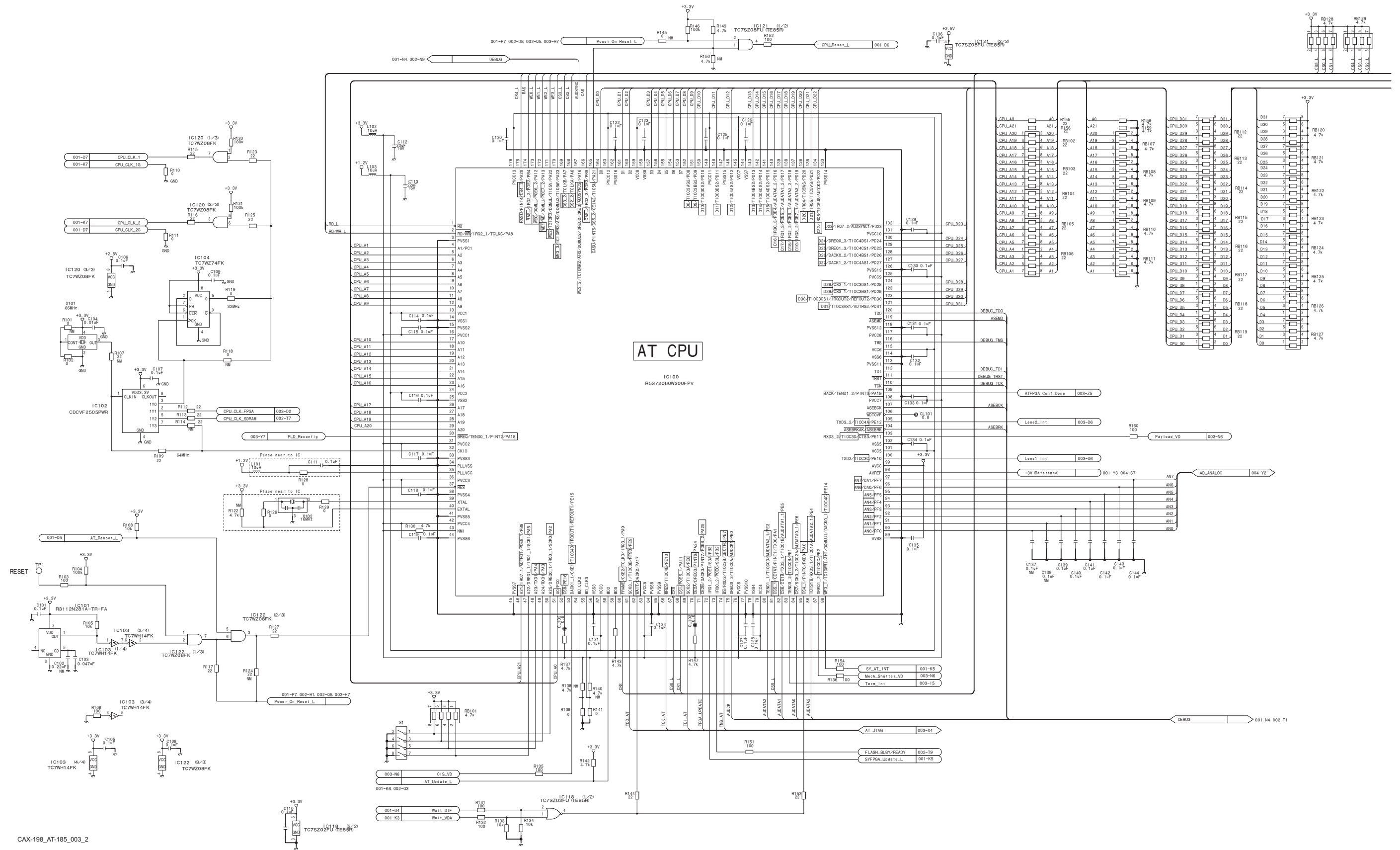


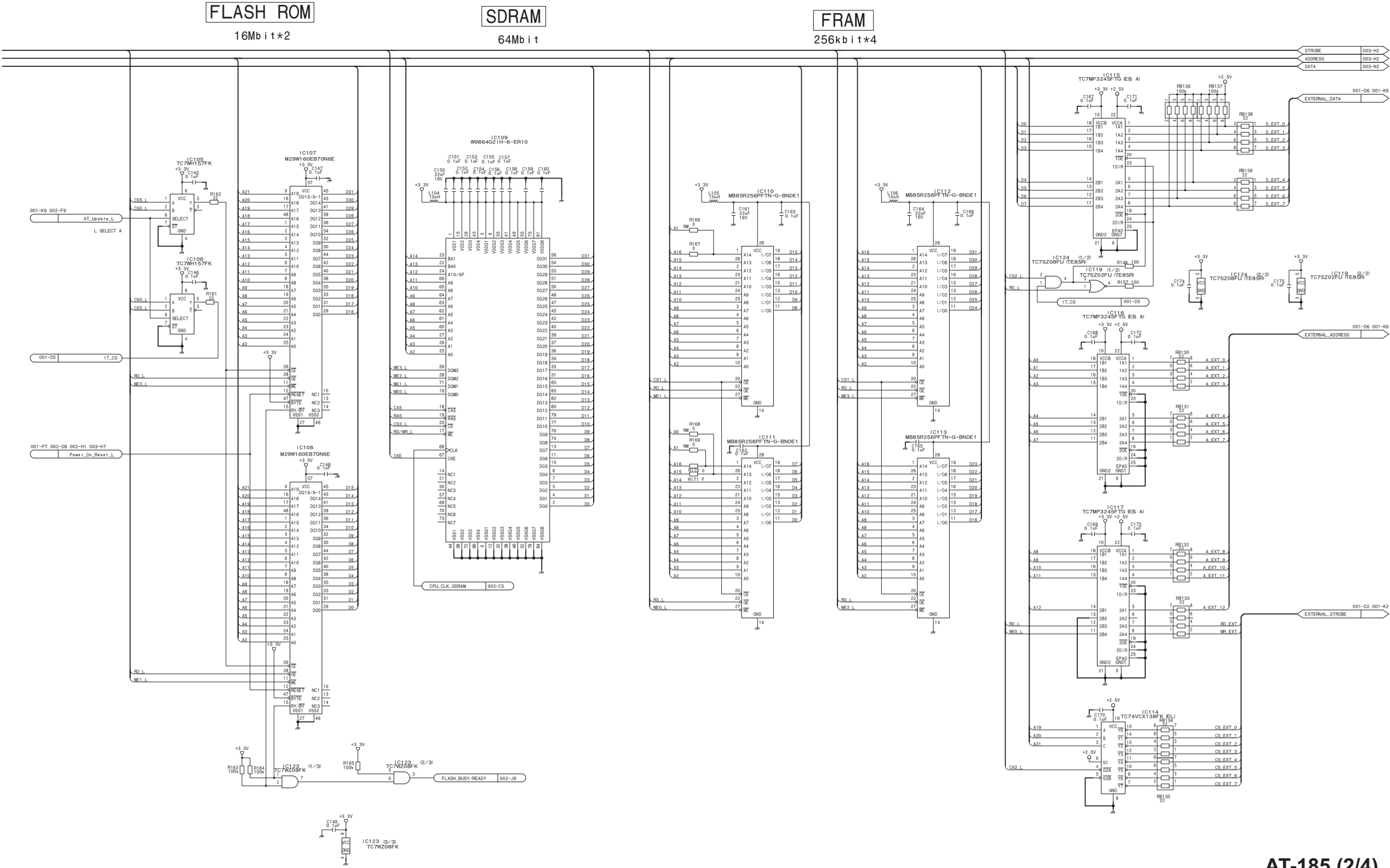
AT-185 (1/4)_R



AT-185 (1/4)
BOARD NO. 1-885-637-11
CAX-198_AT-185_003_1

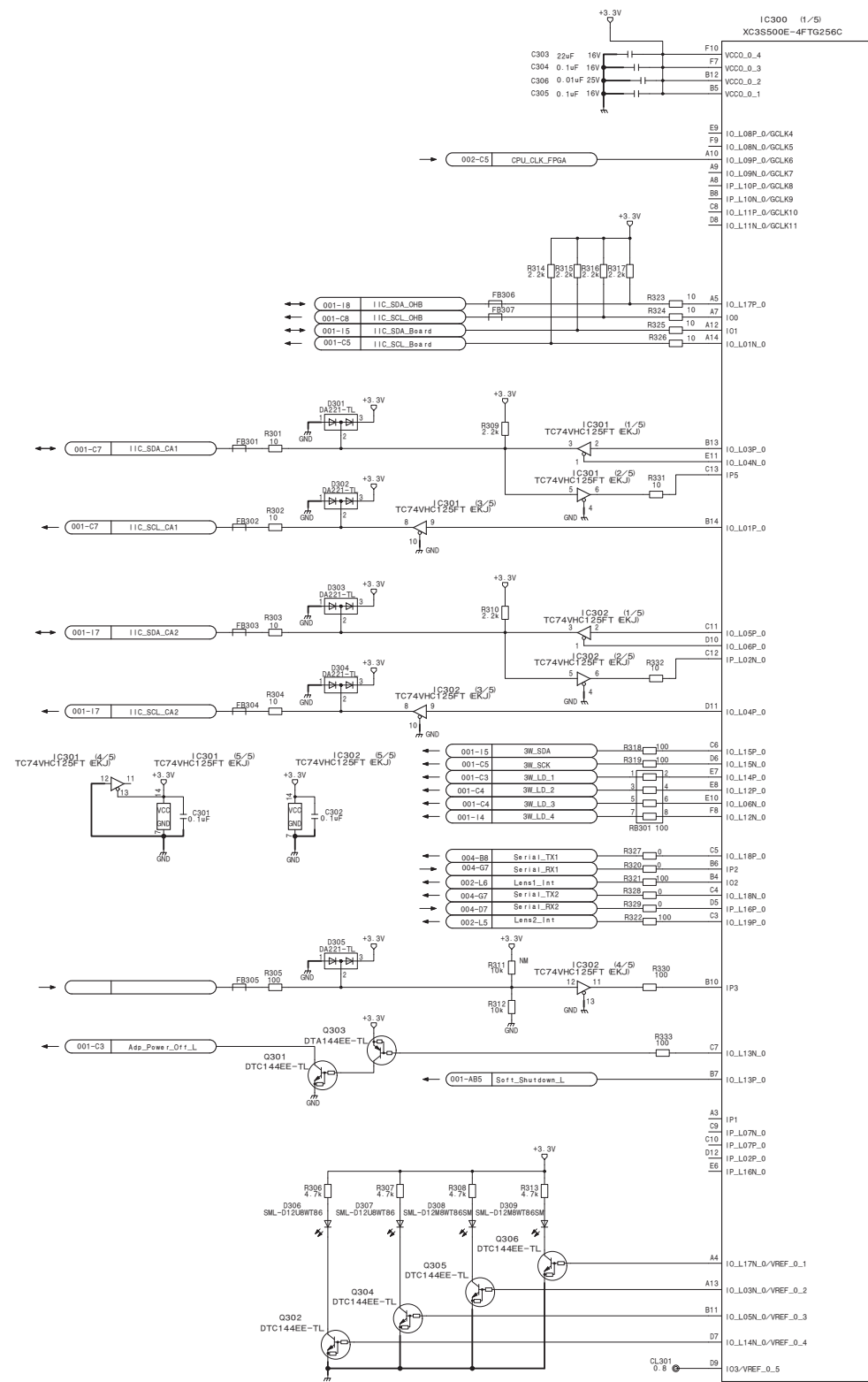
AT-185 (2/4)_L



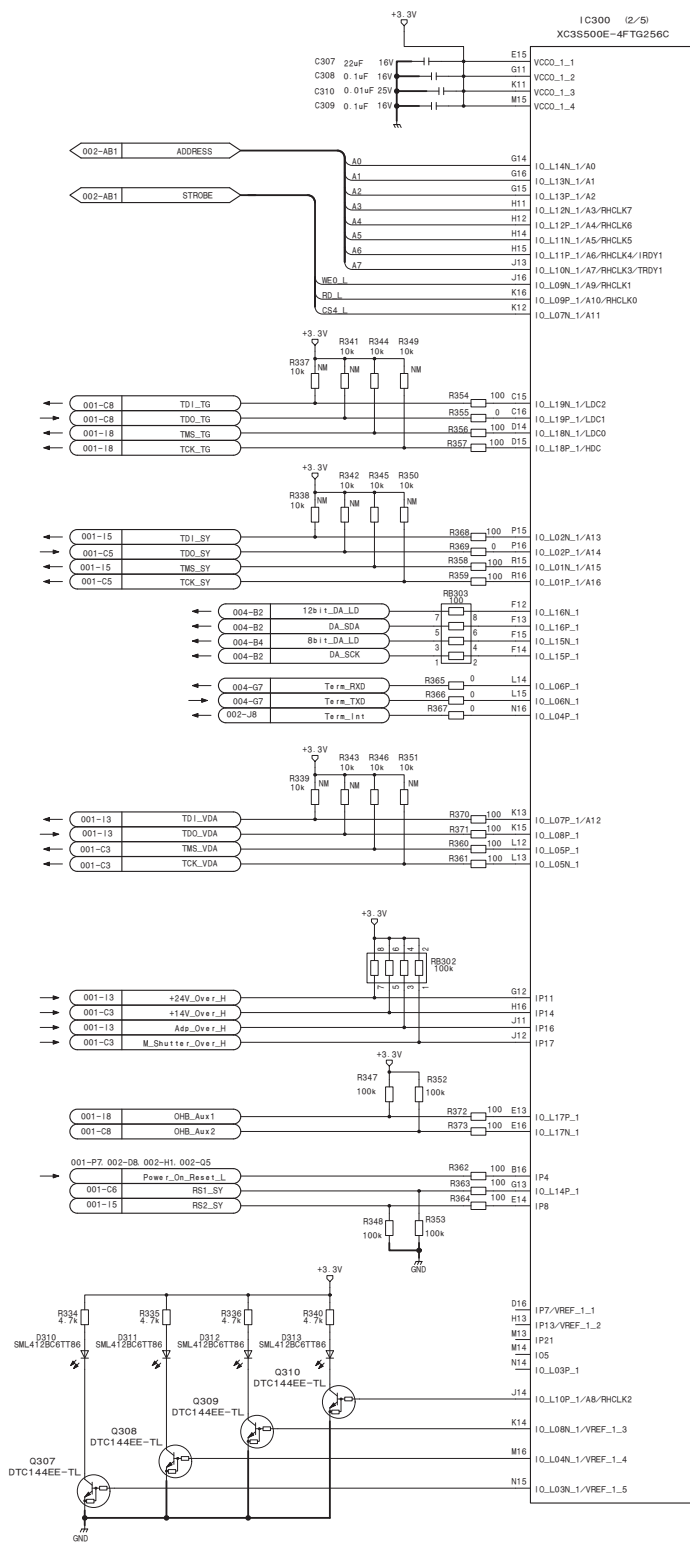


AT-185 (3/4)_L

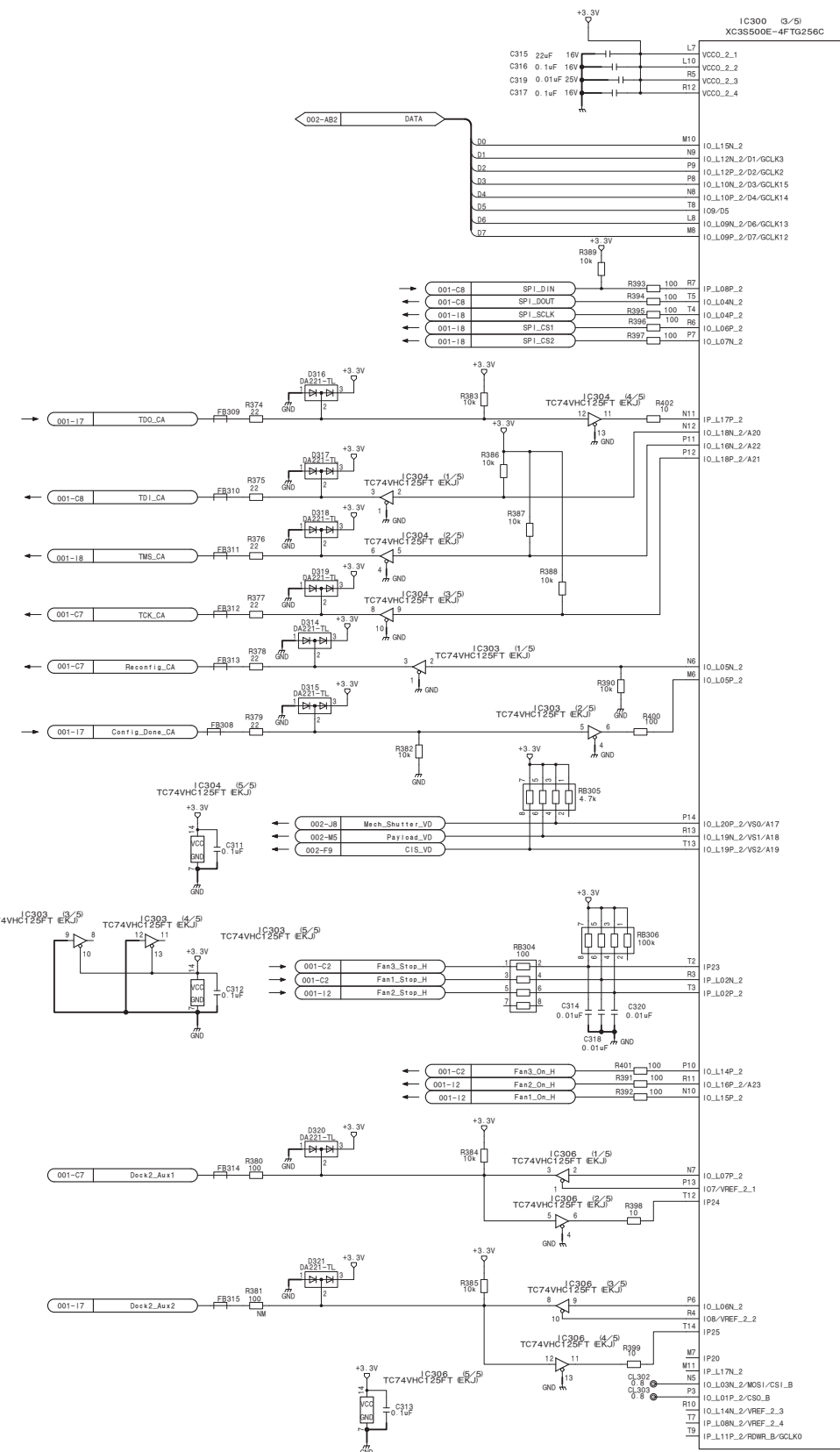
Bank0



Bank 1

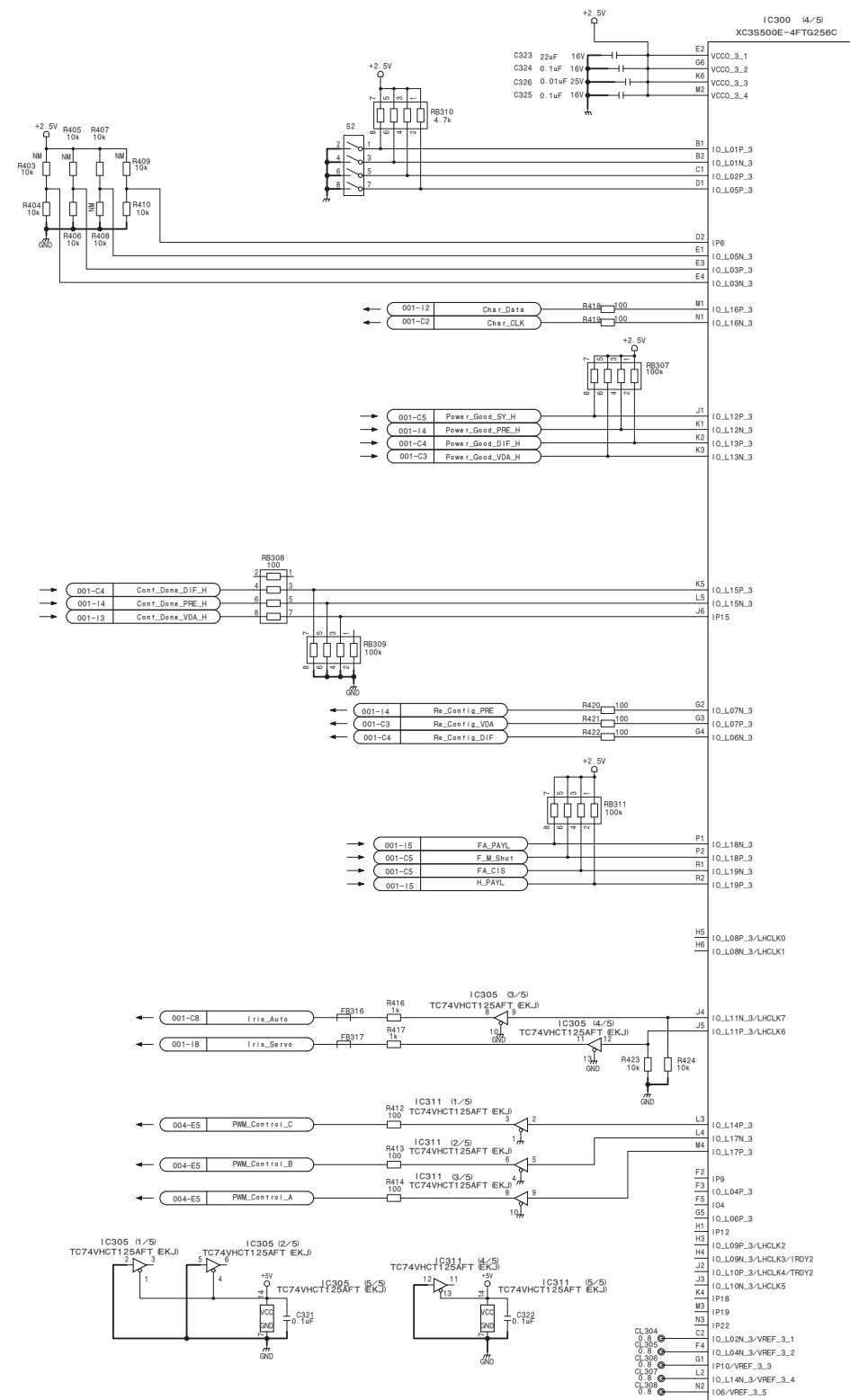


Bank 2

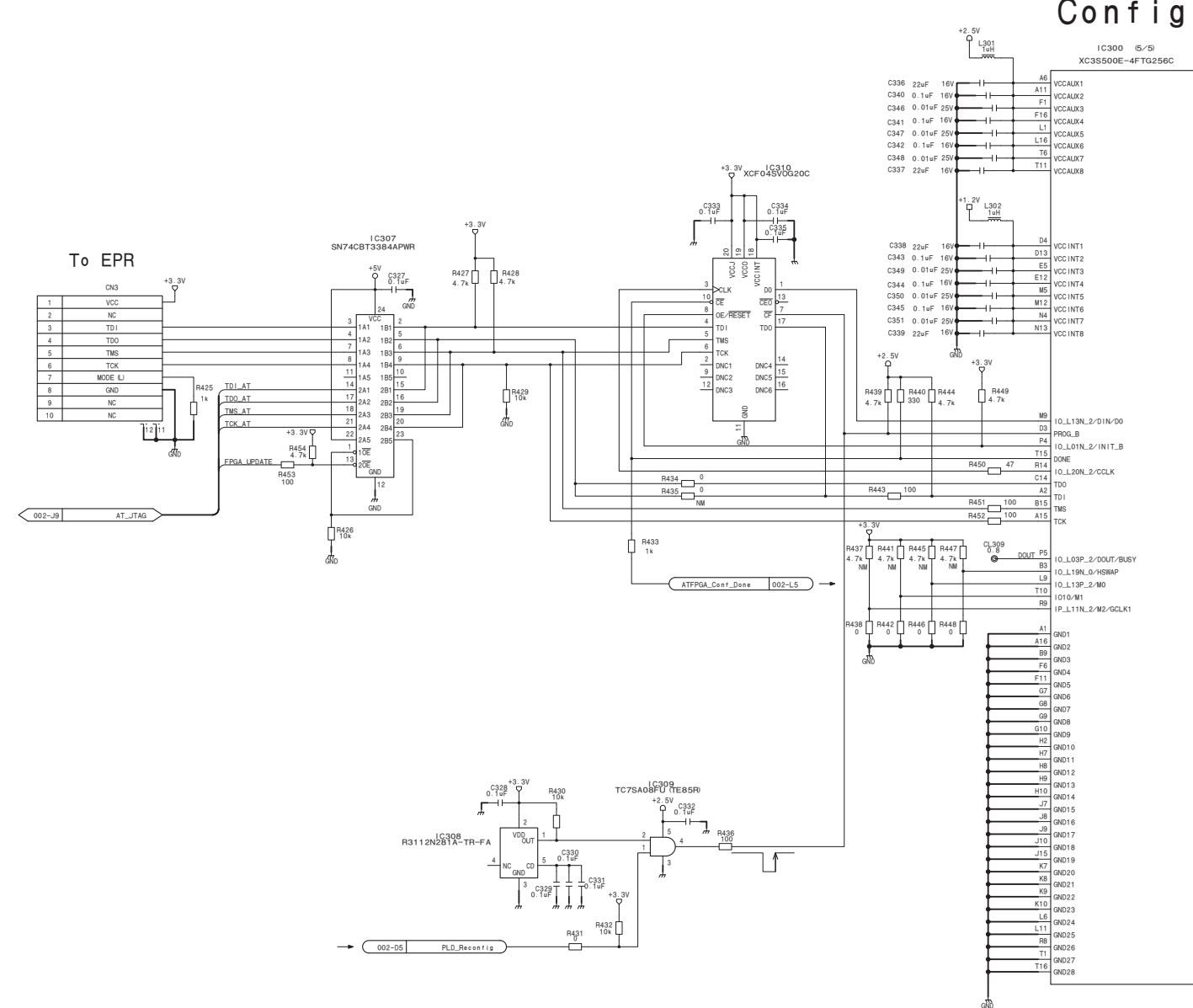


AT-185 (3/4)_R

Bank3



Config

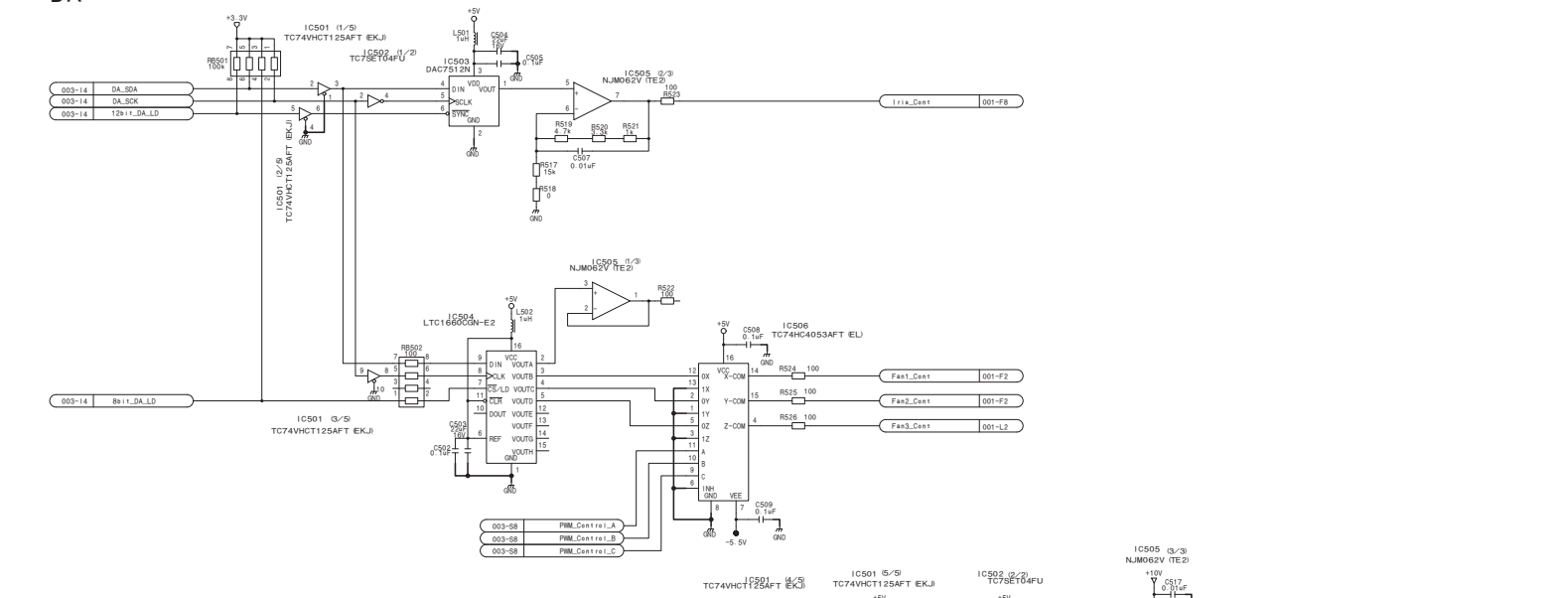


AT-185 (3/4)

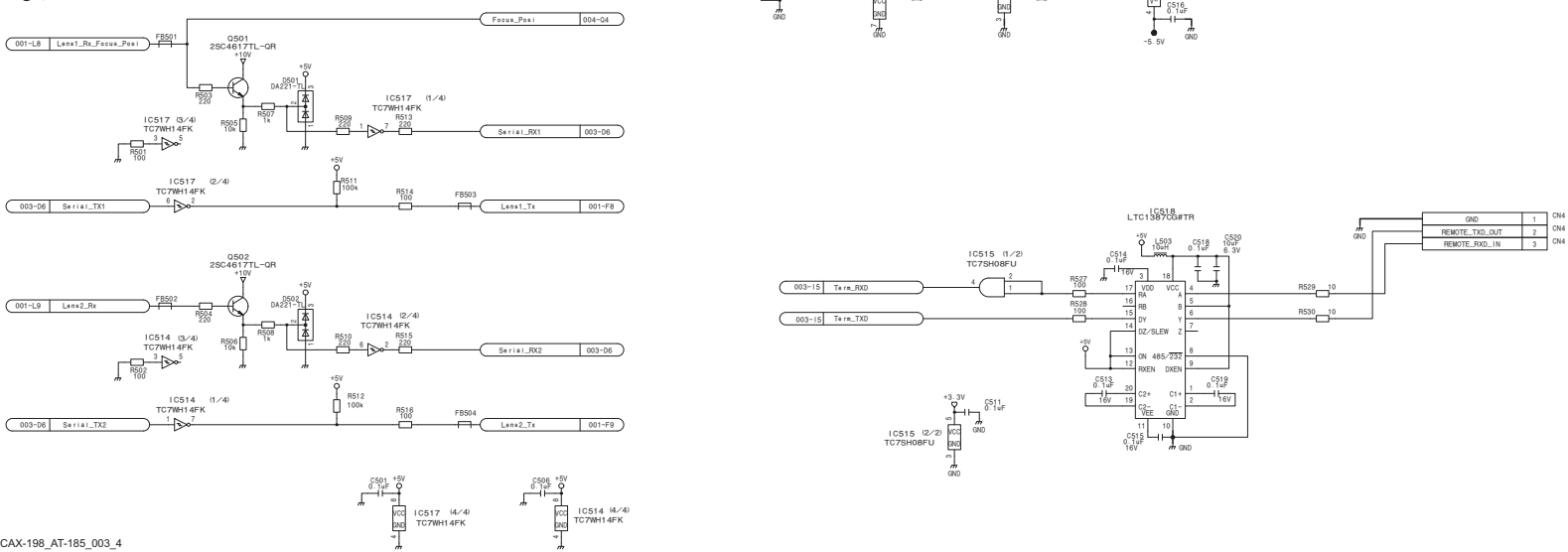
BOARD NO. 1-885-637-11
CAX-198_AT-185_003_3

AT-185 (4/4)_L

DA



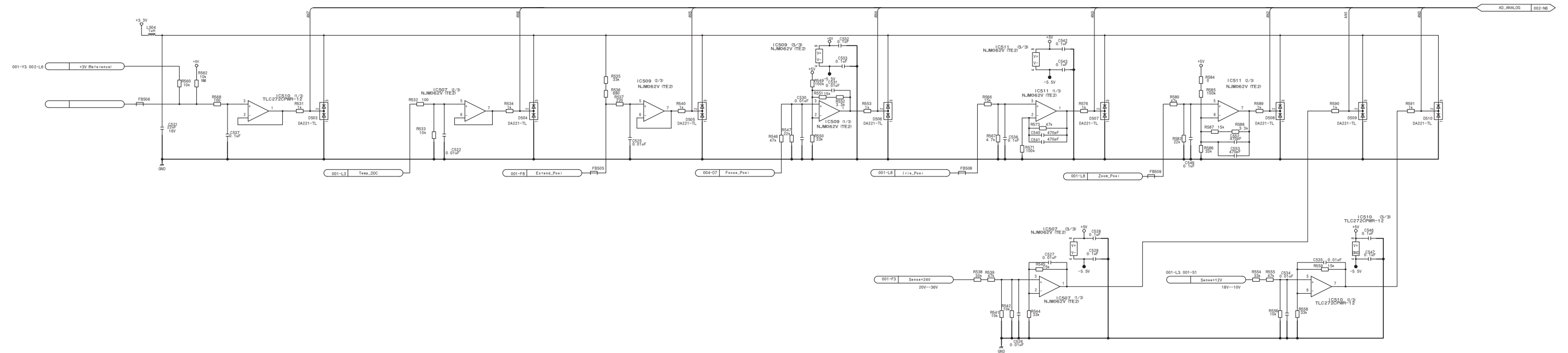
Com



CAX-198_AT-185_003_4

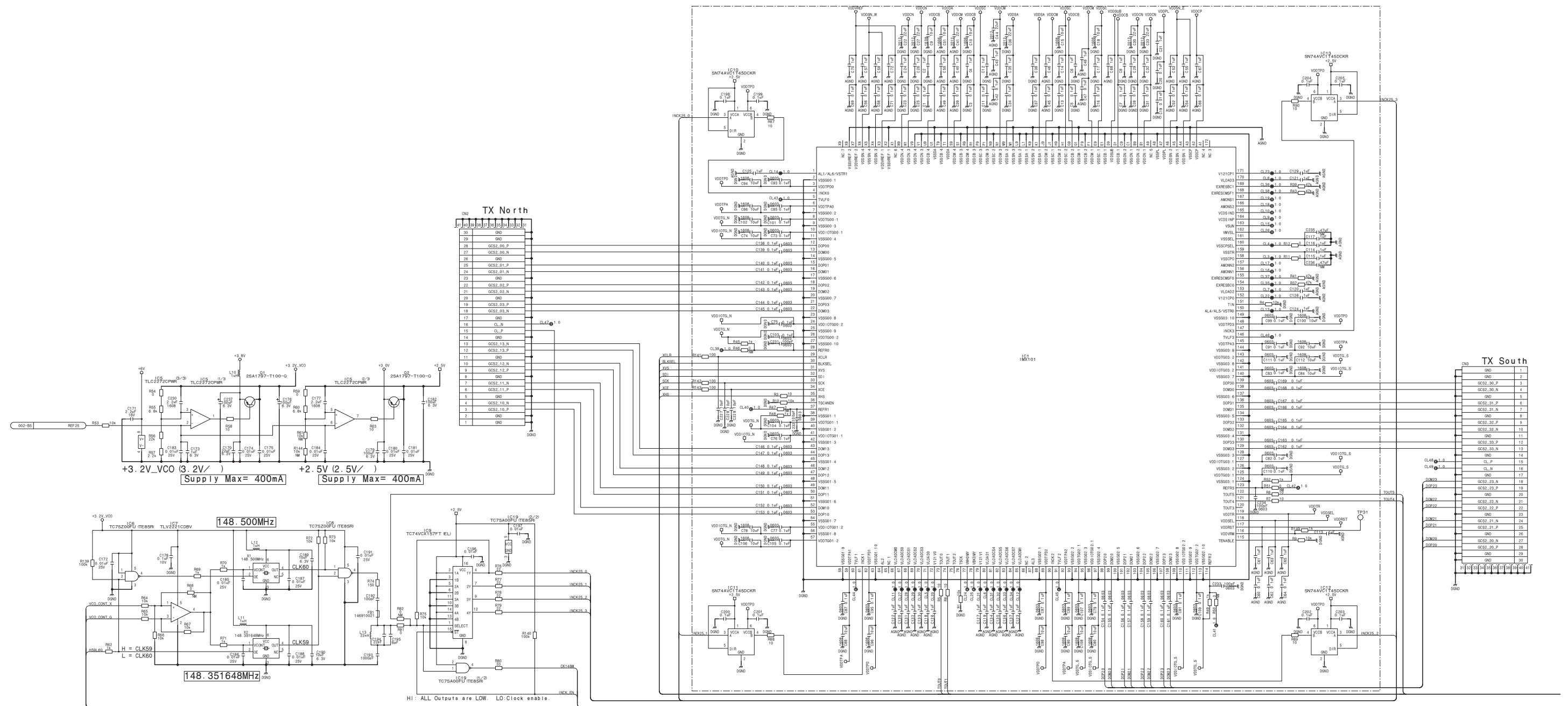
AT-185 (4/4)_R

AD

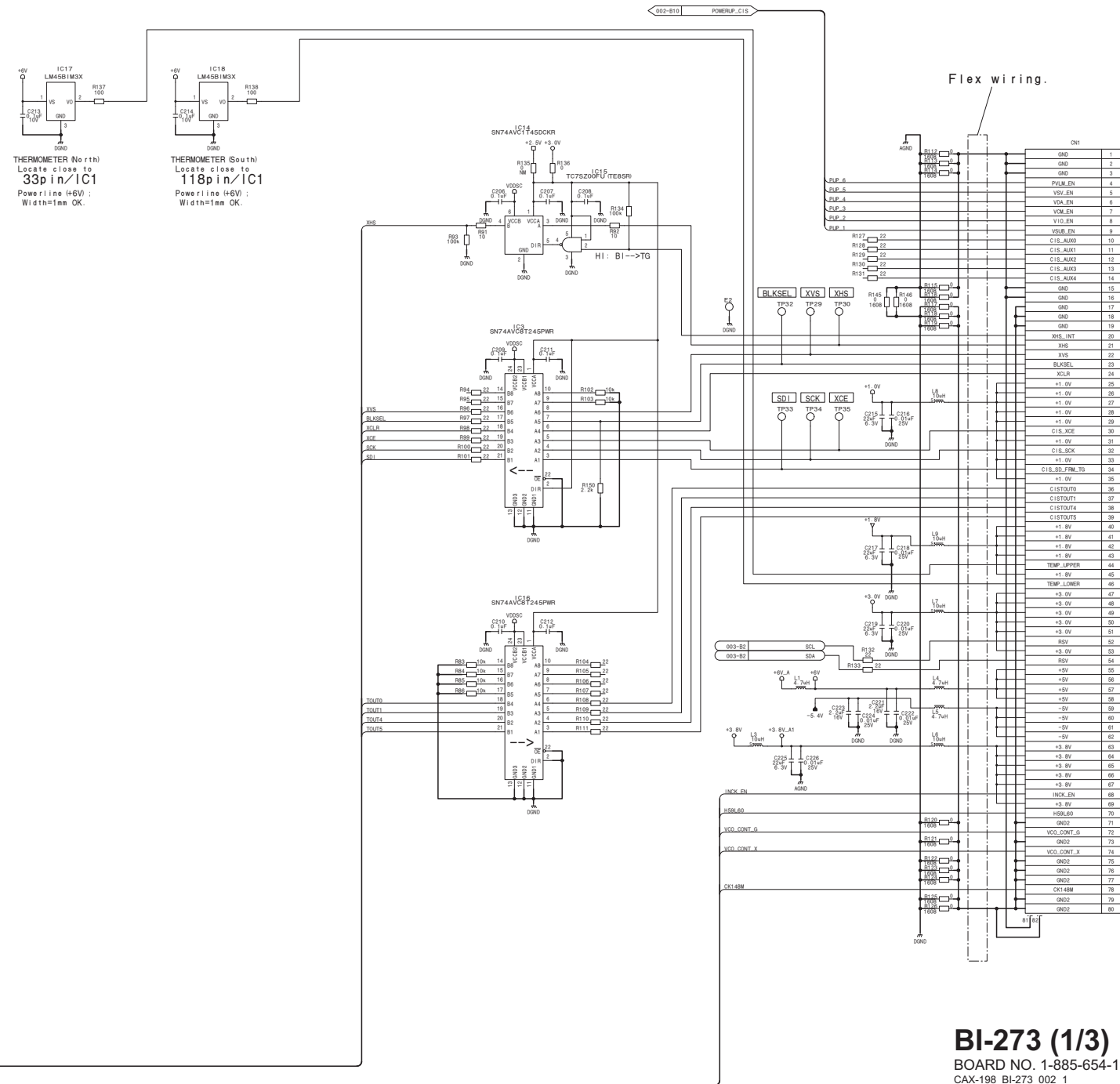


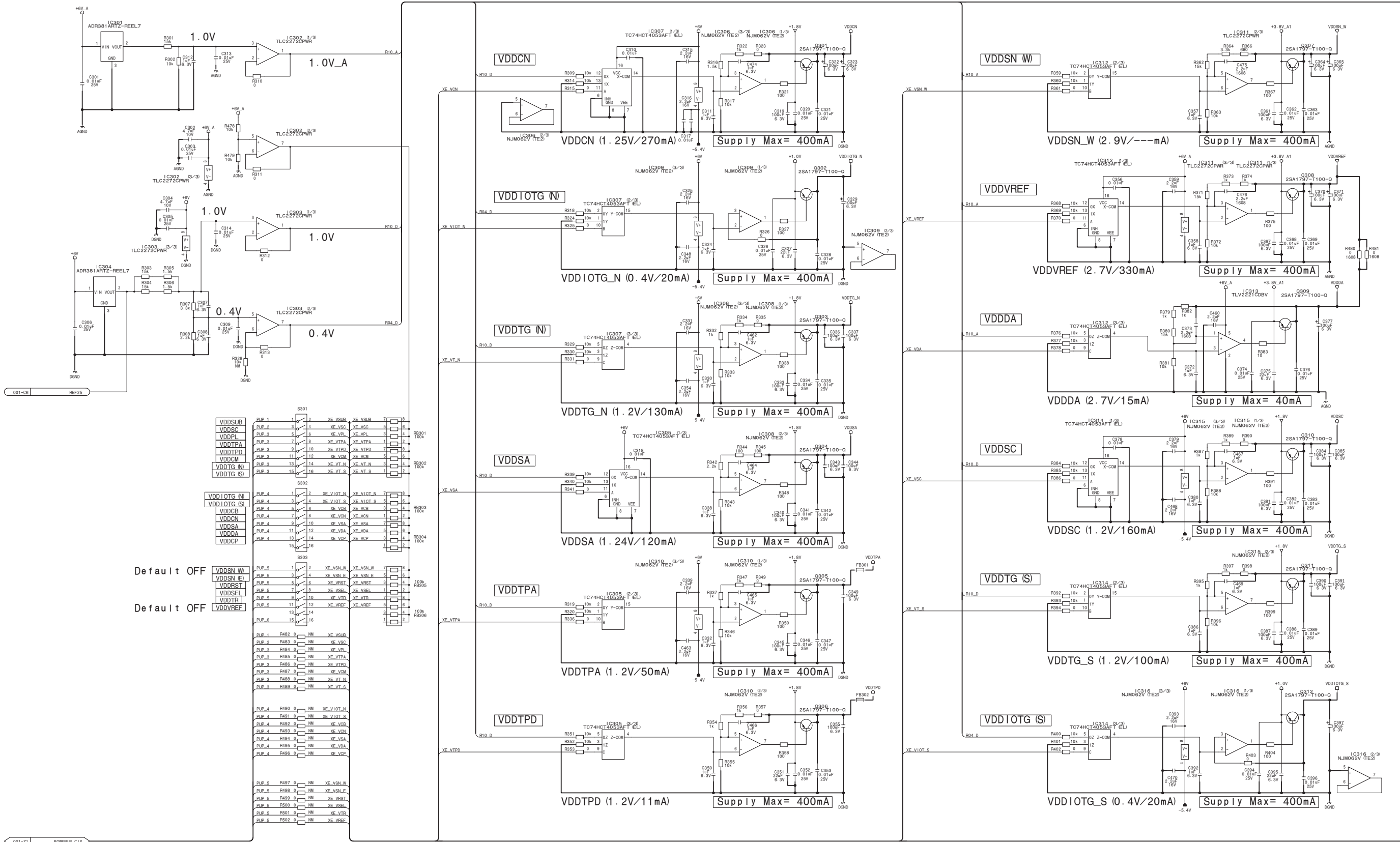
AT-185 (4/4)
BOARD NO. 1-885-637-11
CAX-198_AT-185_003_4

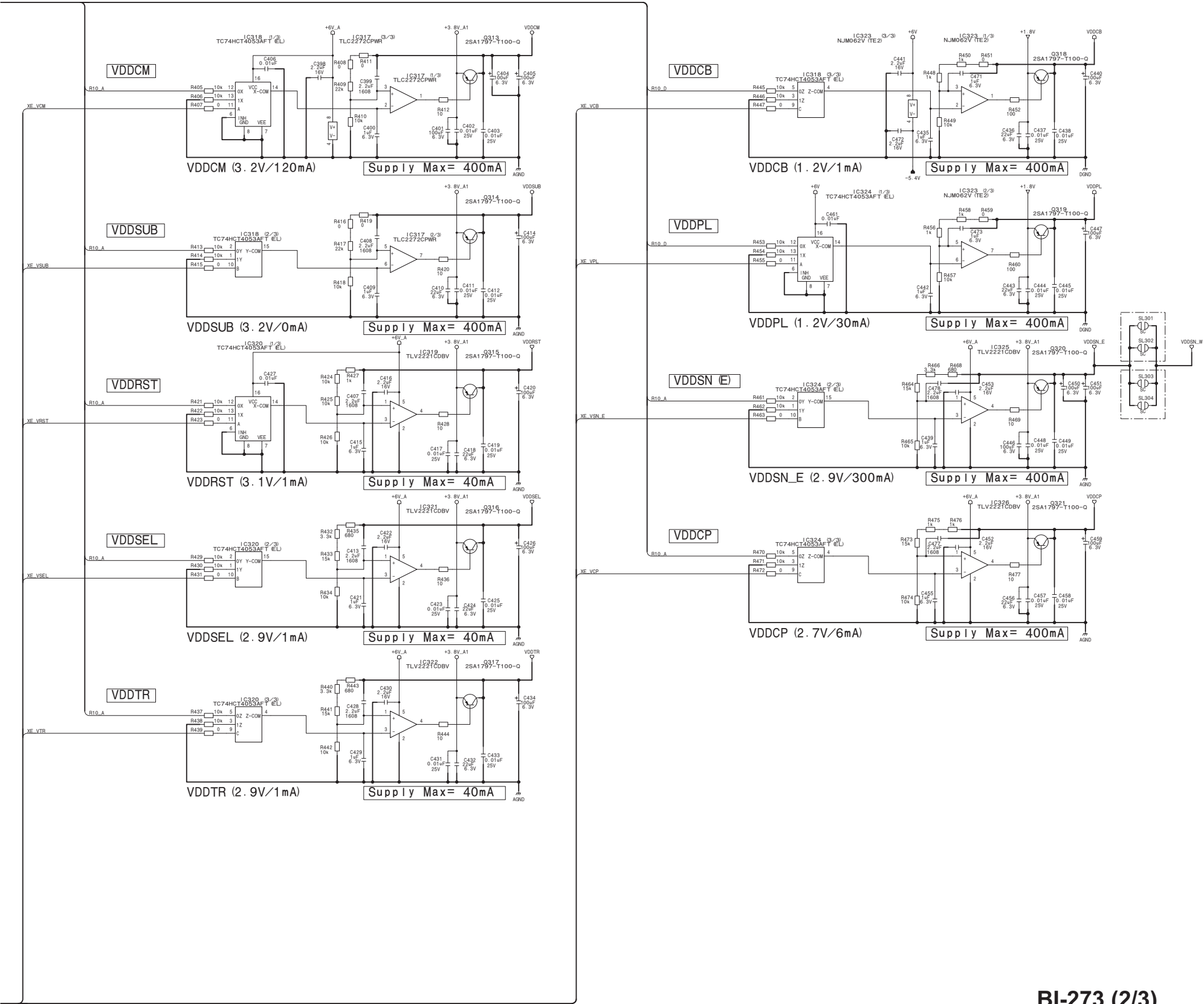
BI-273
BI-273 (1/3)_L



BI-273 (1/3)_R

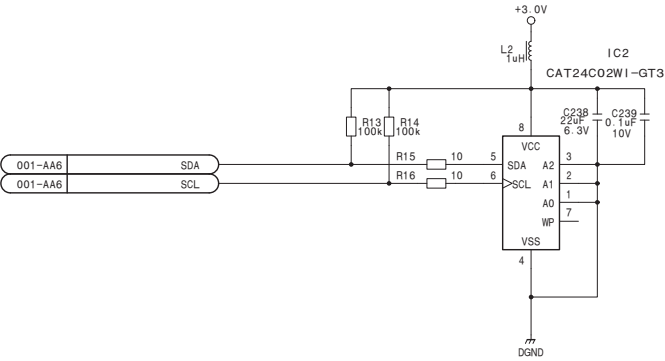






BI-273 (2/3)
BOARD NO. 1-885-654-11
CAX-198_BI-273_002_2

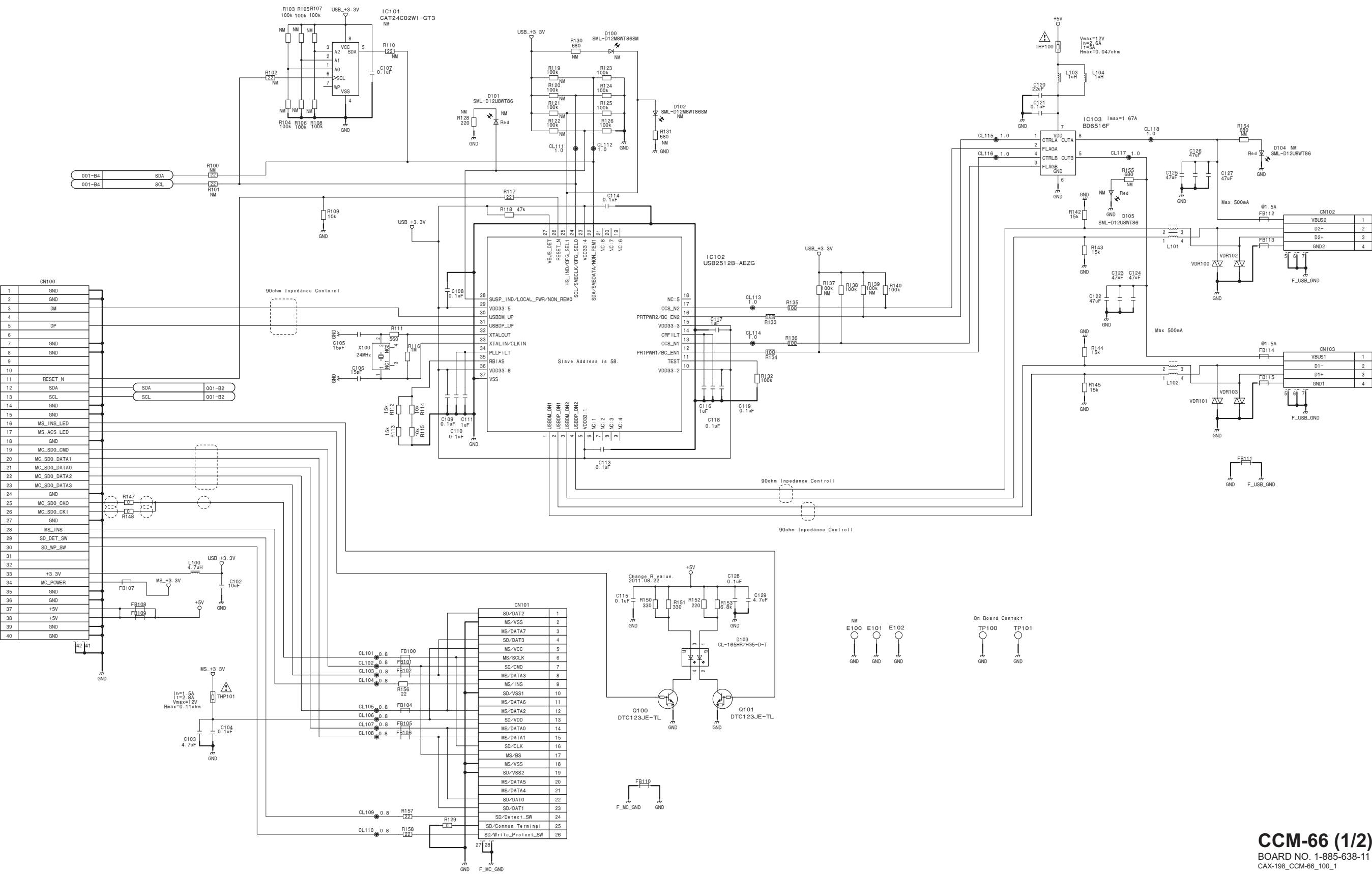
BI-273 (3/3)



BI-273 (3/3)

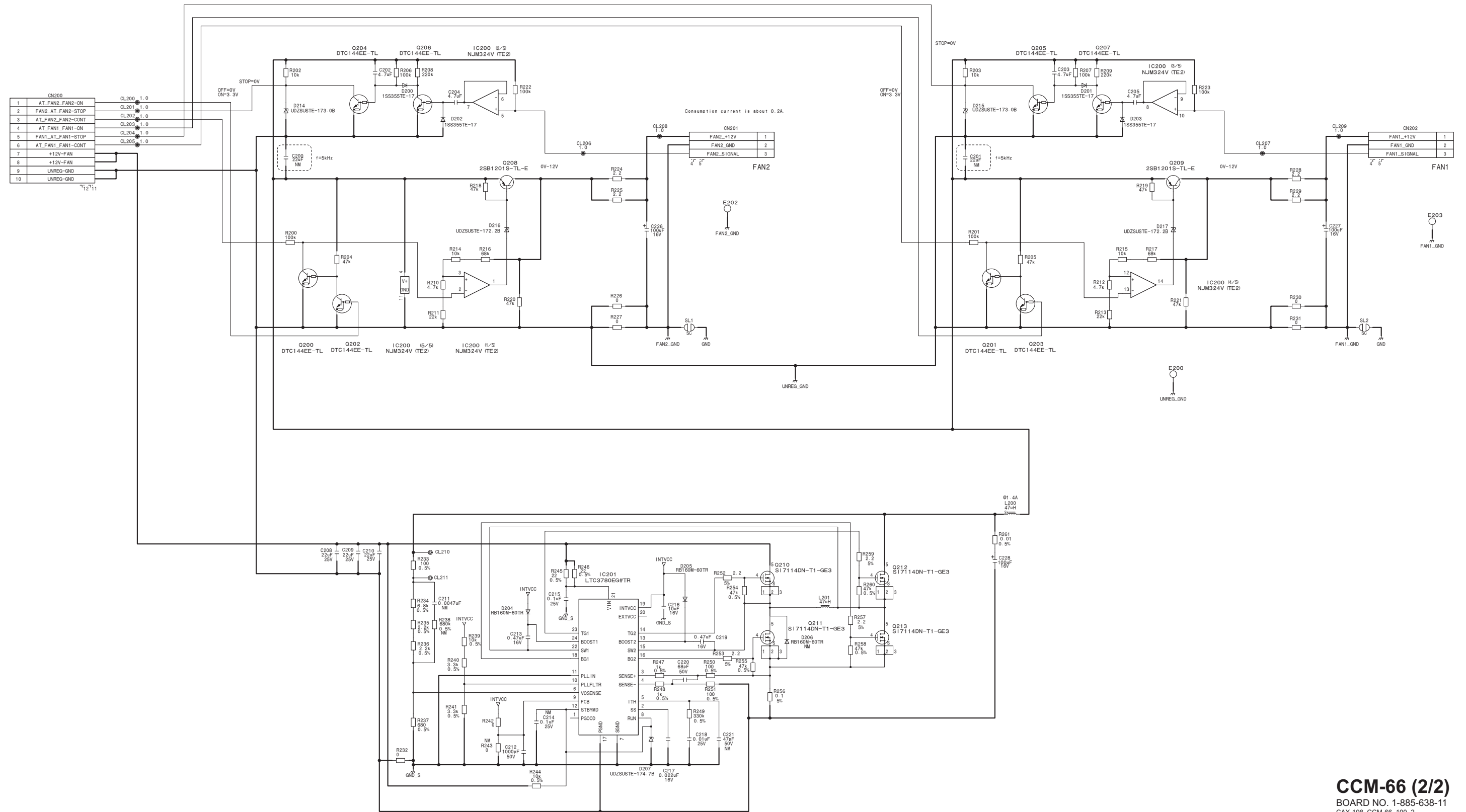
BOARD NO. 1-885-654-11
CAX-198_BI-273_002_3

CCM-66
CCM-66 (1/2)



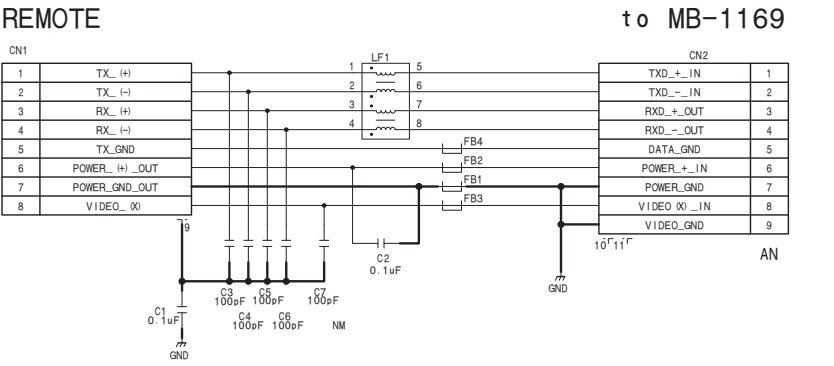
CCM-66 (1/2)
BOARD NO. 1-885-638-11
CAX-198_CCM-66_100_1

CCM-66 (2/2)



CCM-66 (2/2)
BOARD NO. 1-885-638-11
CAX-198_CCM-66_100_2

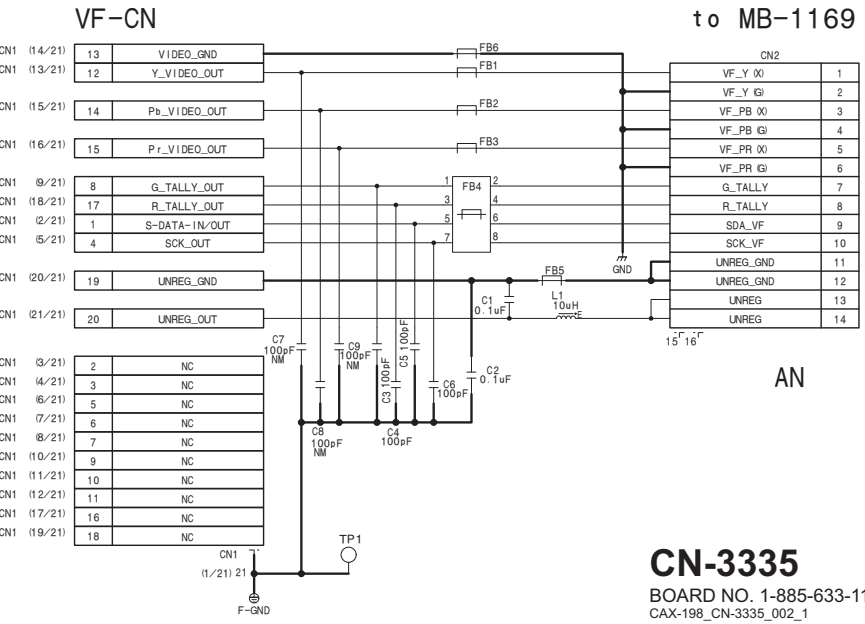
CN-3330



REMOTE-CN-BOARD

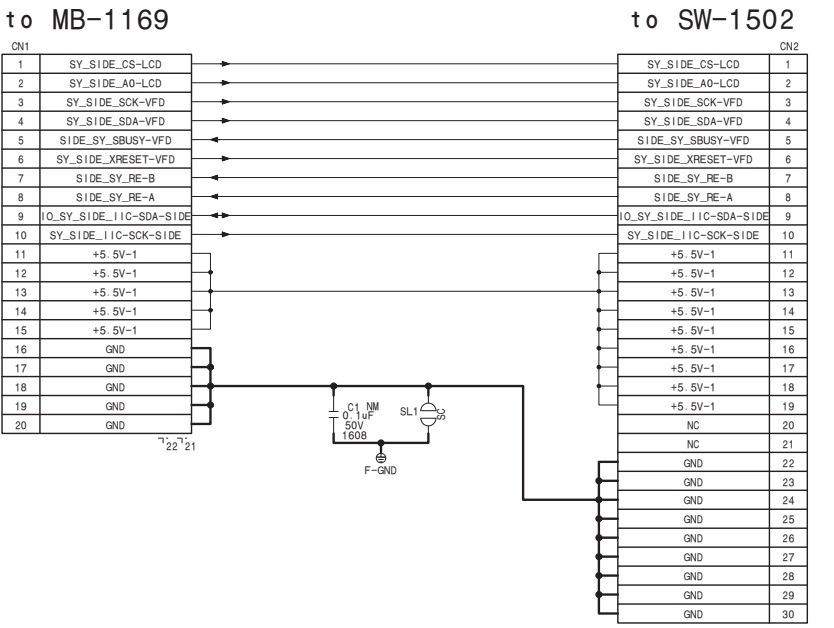
CN-3330
BOARD NO. 1-885-634-11
CAX-198_CN-3330_002_1

CN-3335



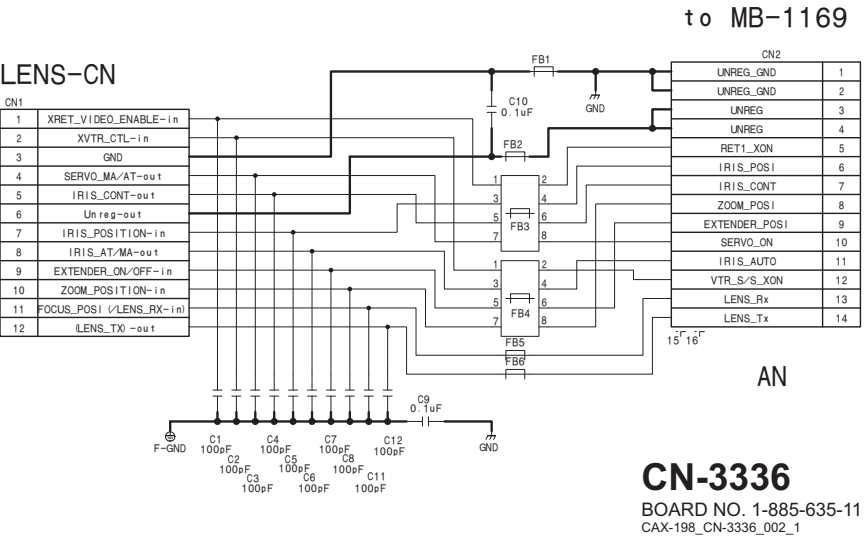
CN-3335
BOARD NO. 1-885-633-11
CAX-198_CN-3335_002_1

CN-3331

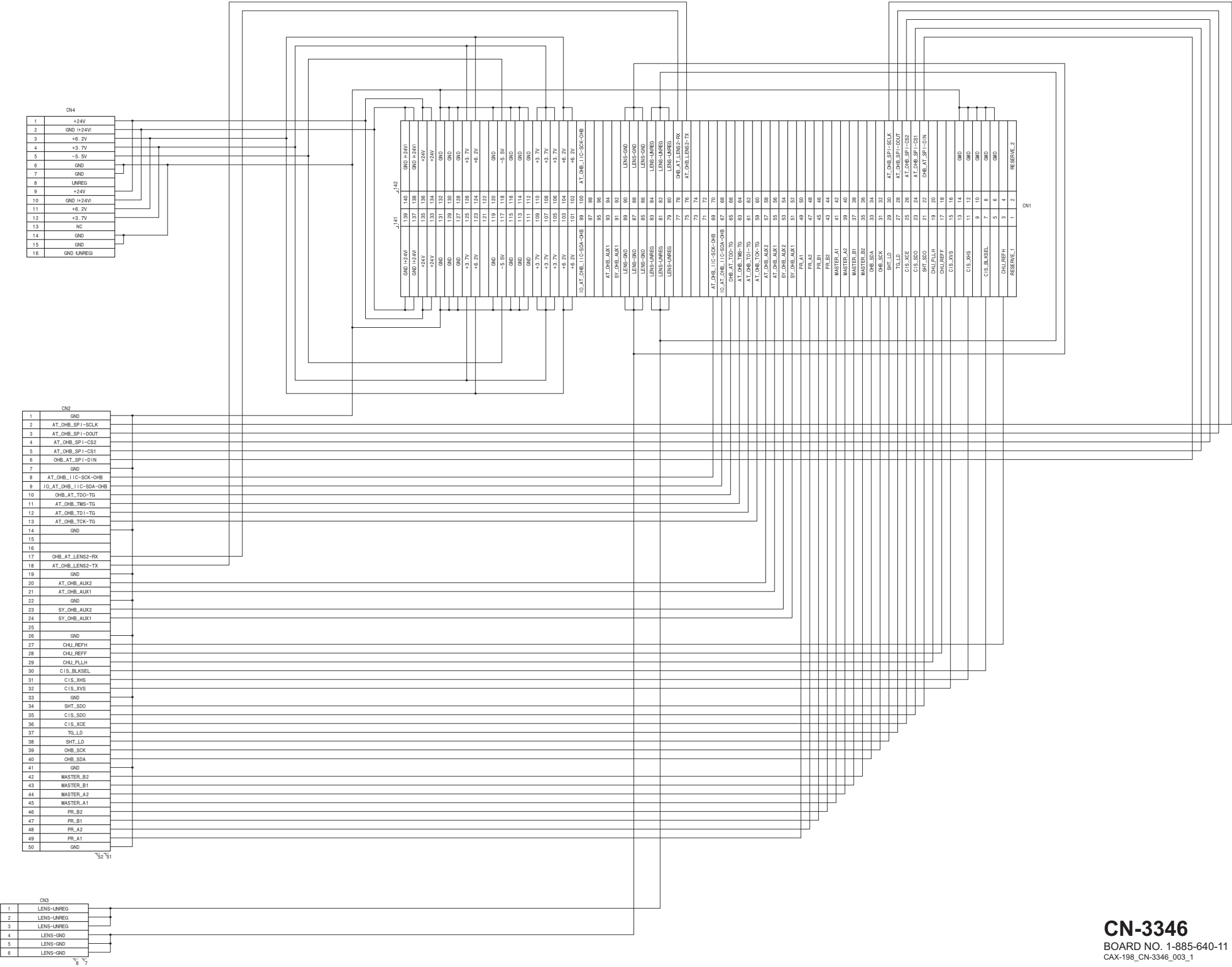


CN-3331
BOARD NO. 1-885-649-11
CAX-198_CN-3331_011_1

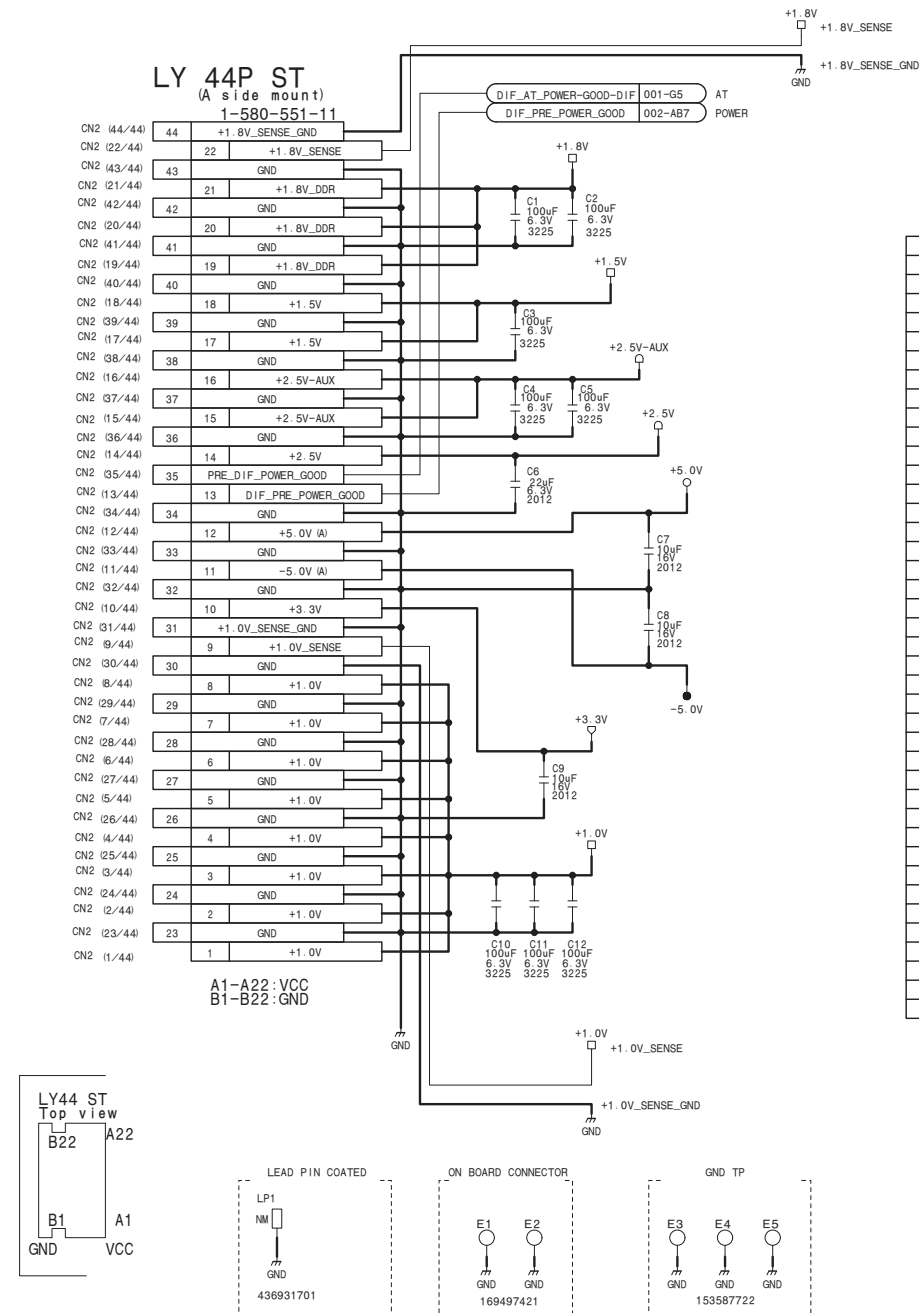
CN-3336



CN-3336
BOARD NO. 1-885-635-11
CAX-198_CN-3336_002_1



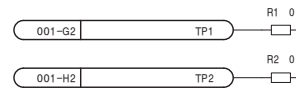
DIF-205
DIF-205 (1/14)



Mother Board connector

SEAF type
(B side mount)

CN1											
1		2		3		4		5		6	
1	GND	1	GND	2	GND	3	GND	4	GND	5	GND
2	GND	7	GND	8	GND	9	GND	10	GND	11	GND
3	+3.7V	13	+3.7V	14	-5.5V	15	-5.5V	16	+5.5V	17	+5.5V
4	+5.5V-2	19	+5.5V-2	20	+5.5V-2	21	UNREG	22	UNREG	23	UNREG
5	GND	25	GND	26	GND	27	GND	28	GND	29	GND
6	PR_A1	31	PR_A2	32	PR_B1	33	PR_B2	34	MASTER_A1	35	MASTER_A2
7	MASTER_B1	37	MASTER_B2	38	OHM_SDA	39	OHM_SCK	40	SHT_LD	41	TG_LD
8	CIS_XCE	43	CIS_SDO	44	SHT_SDO	45		46	TP1	47	TP2
9	CIS_XVS	49	CIS_XHS	50	CIS_BLKSEL	51	CHU_PLH	52	CHU_REFF	53	CHU_REFH
10	GND	55	GND	56	GND	57	GND	58	GND	59	GND
11	DIF_VDA_H-2K	61	DIF_VDA_FVALID-2K	62	DIF_VDA_AUX	63	DIF_VDA_AUO	64	DIF_VDA_AU1	65	DIF_VDA_AU2
12	DIF_VDA_F-2K	67	DIF_VDA_FOCUS_IN	68		69	DIF_VDA_AU3	70	DIF_VDA_AU4	71	DIF_VDA_AU5
13	VDA_DIF_H-MON1	73	VDA_DIF_F-MON1	74	GND	75		76	DIF_VDA_AU6	77	DIF_VDA_AU7
14	GND	79	GND	80	E-SHUT_DIF_EXT-SHUTER W	81	GND	82	GND	83	GND
15	DIF_AT_FA-CIS	85	DIF_AT_H-PAYL	86	E-SHUT_DIF_EXT-SHUTER W	87	AT_x_11C-SCK-BOARD	88	AT_x_3W-SDA	89	AT_x_3W-SCK
16	DIF_AT_FA-PAYL	91	DIF_AT_F-M-SHUT	92		93	10_AT_x_11C-SDA-BOARD	94	AT_DIF_3W-LD-DIF	95	AT_DIF_3W-LD-DIF2
17	GND	97	GND	98	GND	99	GND	100	GND	101	GND
18	SY_DIF_CAM-SU-1X3	103	DIF_SY_CAM-SU-RX	104		105	SY_DIF_700P-TX-SDI100	106	DIF_SY_700P-RX-SDI100	107	
19	GND	109	GND	110	GND	111	GND	112	GND	113	DIF_DOCK2_AUX1
20		115		116		117	DIF_DOCK2_SDI1-TX-VALD100	118	DIF_DOCK2_SDI1-RX-VALD100	119	
21		121		122		123		124		125	
22	DIF_DOCK2_MCLK-INCOM	127	DIF_DOCK2_SCLK-INCOM	128	DIF_DOCK2_LRCK-INCOM	129	DIF_DOCK2_DIF-SATA-MIC	130	DIF_DOCK2_S-DATA-INCOM	131	DIF_DOCK2_S-DATA-INCOM
23	GND	133	GND	134	GND	135	GND	136	GND	137	GND
24	GND	139	DIF_VDA_TX-L1-B-P140			141	DIF_VDA_TX-L1-E-P142	GND	143		DIF_VDA_TX-L1-D-N144
25	DIF_VDA_TX-L1-CK-P145		DIF_VDA_TX-L1-B-N146		DIF_VDA_TX-L1-A-P147		DIF_VDA_TX-L1-E-N148		DIF_VDA_TX-L1-C-P149		DIF_VDA_TX-L1-D-P150
26	DIF_VDA_TX-L1-CK-N151		GND	152	DIF_VDA_TX-L1-A-N153			154	DIF_VDA_TX-L1-C-N155	GND	
27	GND	157	DIF_VDA_TX-L2-CK-P158			159	DIF_VDA_TX-L2-C-P160	GND	161		DIF_VDA_TX-L2-E-P162
28	DIF_VDA_CLK74_P	163	DIF_VDA_TX-L2-CK-N164		DIF_VDA_TX-L2-A-P165		DIF_VDA_TX-L2-C-N166		DIF_VDA_TX-L2-D-P167		DIF_VDA_TX-L2-E-N168
29	DIF_VDA_CLK74_N	169	GND	170	DIF_VDA_TX-L2-A-N171		GND	172	DIF_VDA_TX-L2-D-N173		GND
30	GND	175	GND	176	GND	177	GND	178	GND	179	GND
31	GND	181	DIF_VDA_RET-CLK-P182			183	DIF_VDA_RET1-P	184	GND	185	GND
32	DIF_VDA_CLK148_P	187	DIF_VDA_RET-CLK-N188		DIF_VDA_RET0-P	189	DIF_VDA_RET1-N	190	DIF_VDA_RET2-P	191	GND
33	DIF_VDA_CLK148_N	193	GND	194	DIF_VDA_RET0-N	195	GND	196	DIF_VDA_RET2-N	197	GND
34	GND	199	GND	200	GND	201	GND	202	GND	203	GND
35	AT_DIF_CPU-CLK	205	GND	206	GND	207	GND	208	AT_x_RESET	209	GND
36	AT_DIF_CPU-CLK	211	10_AT_x_CPU-D0	212	10_AT_x_CPU-D7	213		214		215	
37	10_AT_x_CPU-D3	217	10_AT_x_CPU-D4	218	10_AT_x_CPU-D5	219		220	AT_x_CPU-A2	221	DIF_AT_WAIT
38	10_AT_x_CPU-D0	223	10_AT_x_CPU-D1	224	10_AT_x_CPU-D2	225	DIF_AT_POWER-GOOD-DIF	226	AT_x_CPU-A0	227	AT_x_CPU-A1
39	AT_x_CPU-RD	229	AT_x_CPU-WR	230	AT_DIF_CS-DIF	231	AT_DIF_CS-DIF-CONF	232	AT_DIF_RE-CONF-DIF	233	DIF_AT_CONF-DONE-DIF
40	GND	235	GND	236	GND	237	GND	238	GND	239	GND

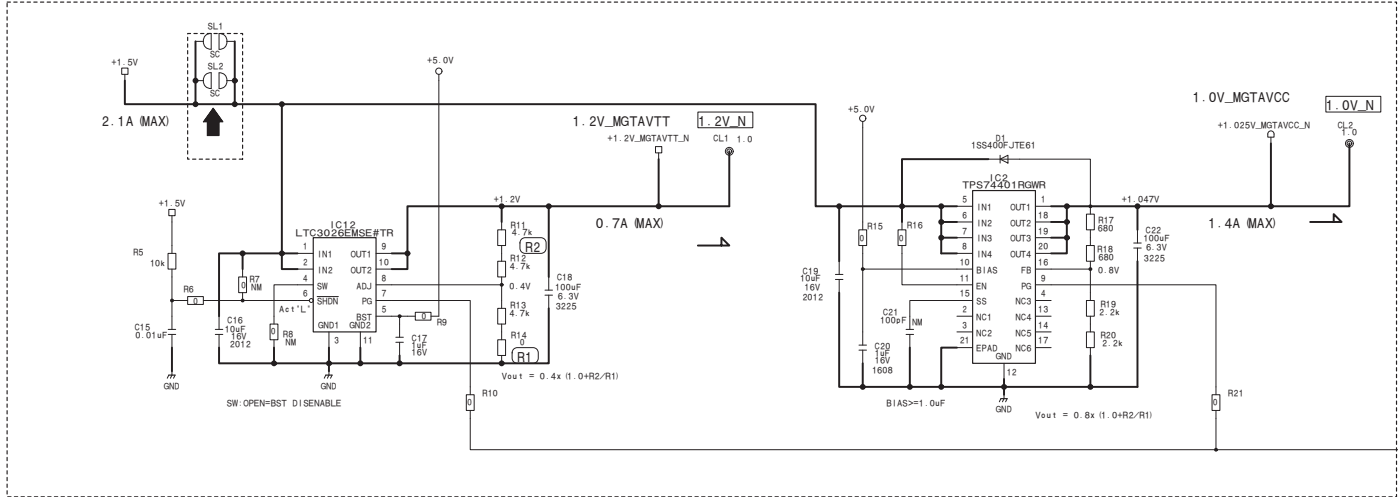


DIF-205 (1/14)

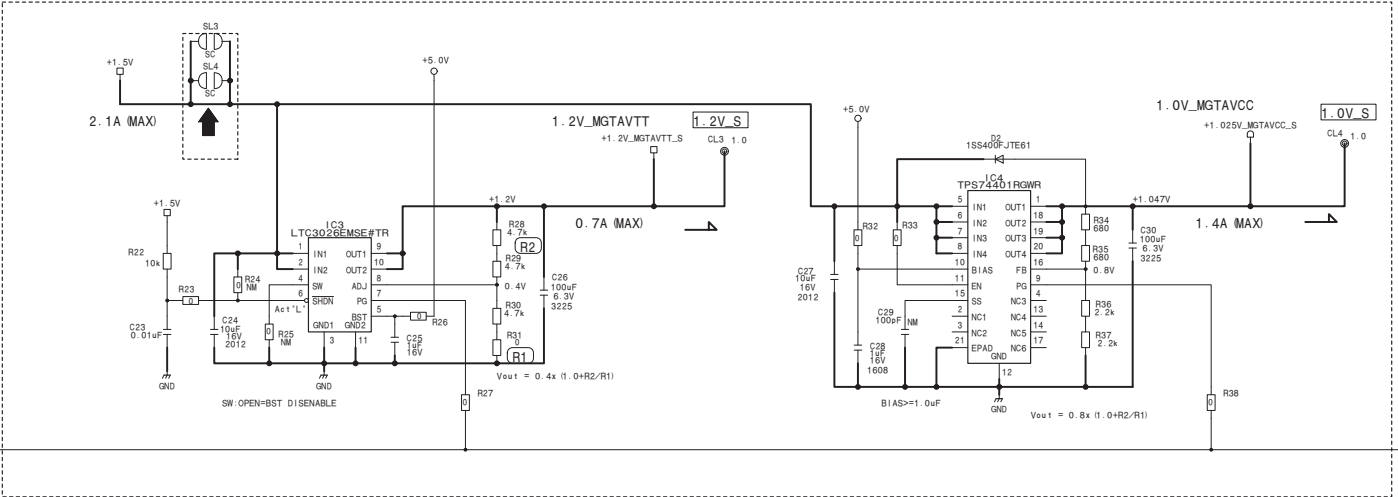
BOARD NO. 1-885-653-11
CAX-198_DIF-205_006_1

DIF-205 (2/14)_L

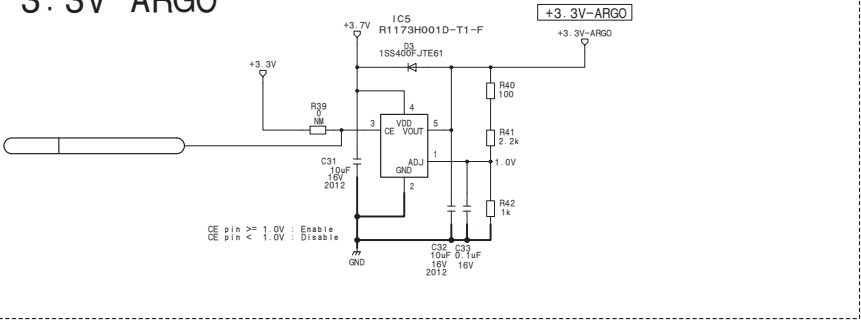
Virtex-6 SERDES Power North



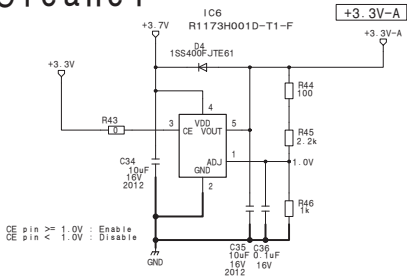
Virtex-6 SERDES Power South



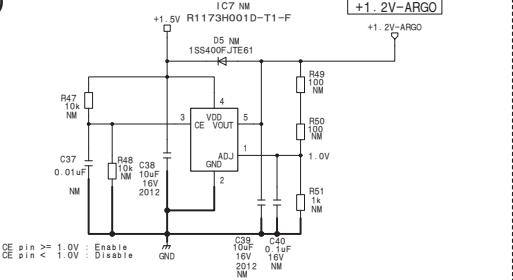
3.3V ARGO



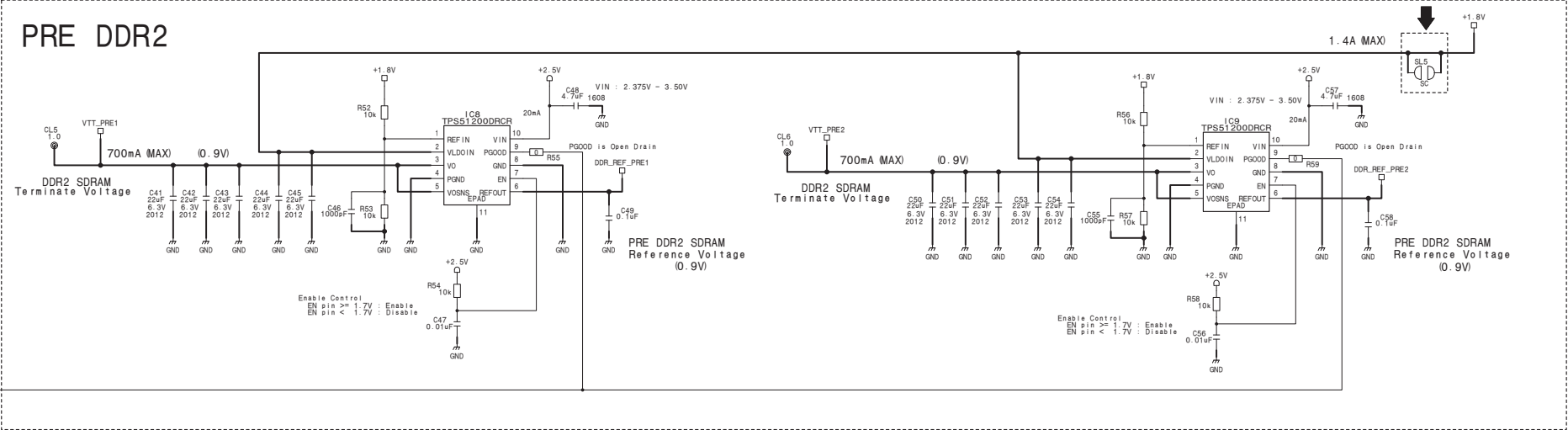
3.3V clk Cleaner Equalizer



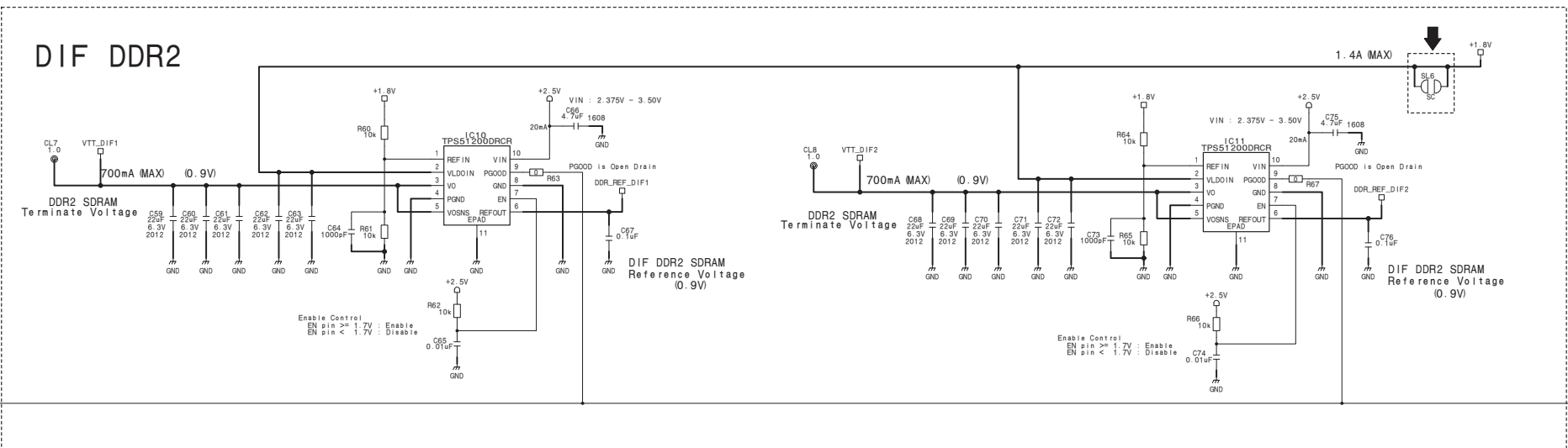
1.2V ARGO



PRE DDR2 SDRAM signal
Termination and Reference



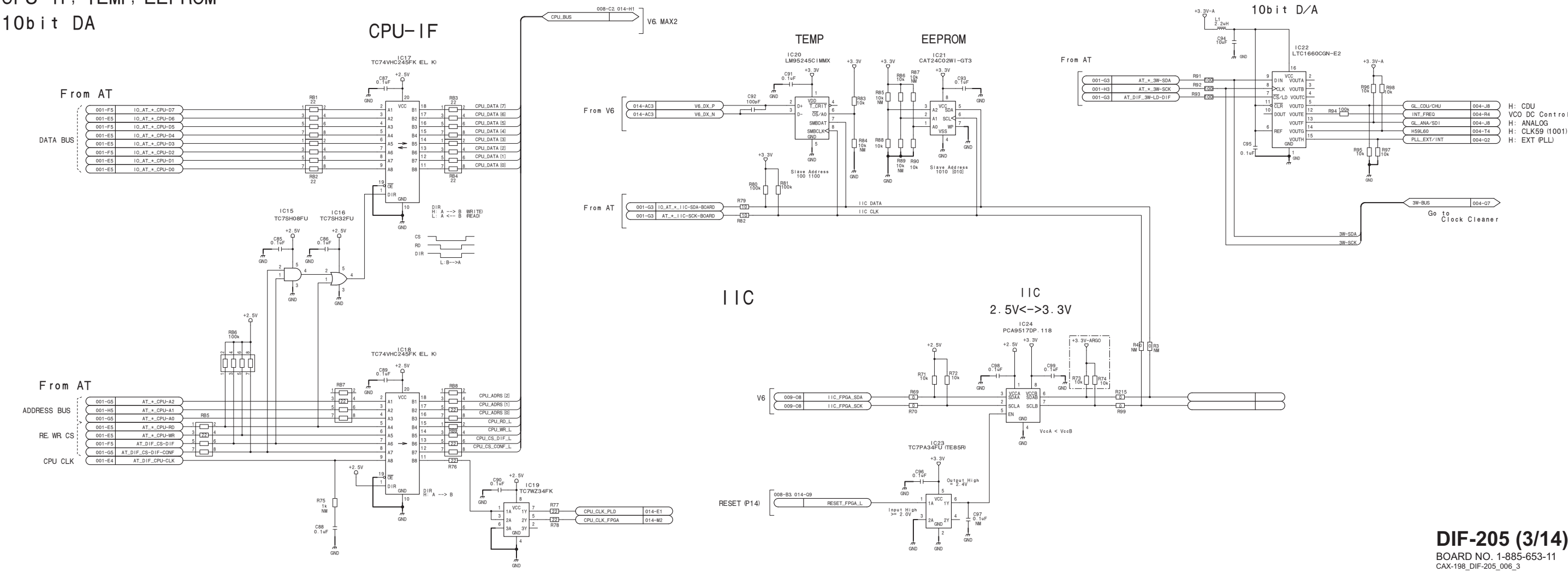
PRE DDR2 SDRAM signal
Termination and Reference



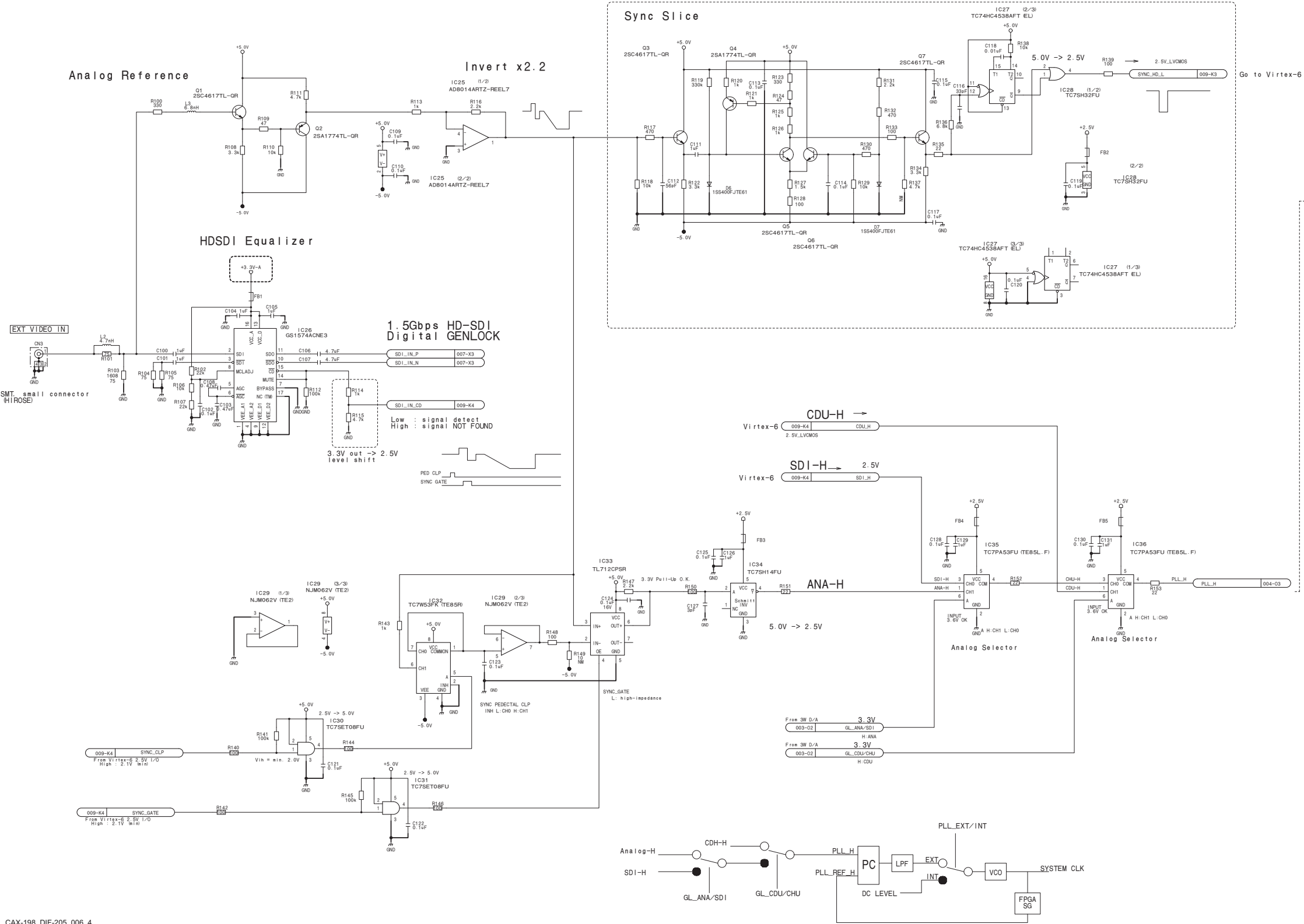
DIF-205 (2/14)
BOARD NO. 1-885-653-11
CAX-198_DIF-205_006_2

DIF-205 (3/14)

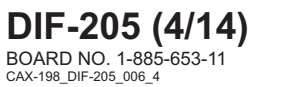
CPU-IF, TEMP, EEPROM
10bit DA



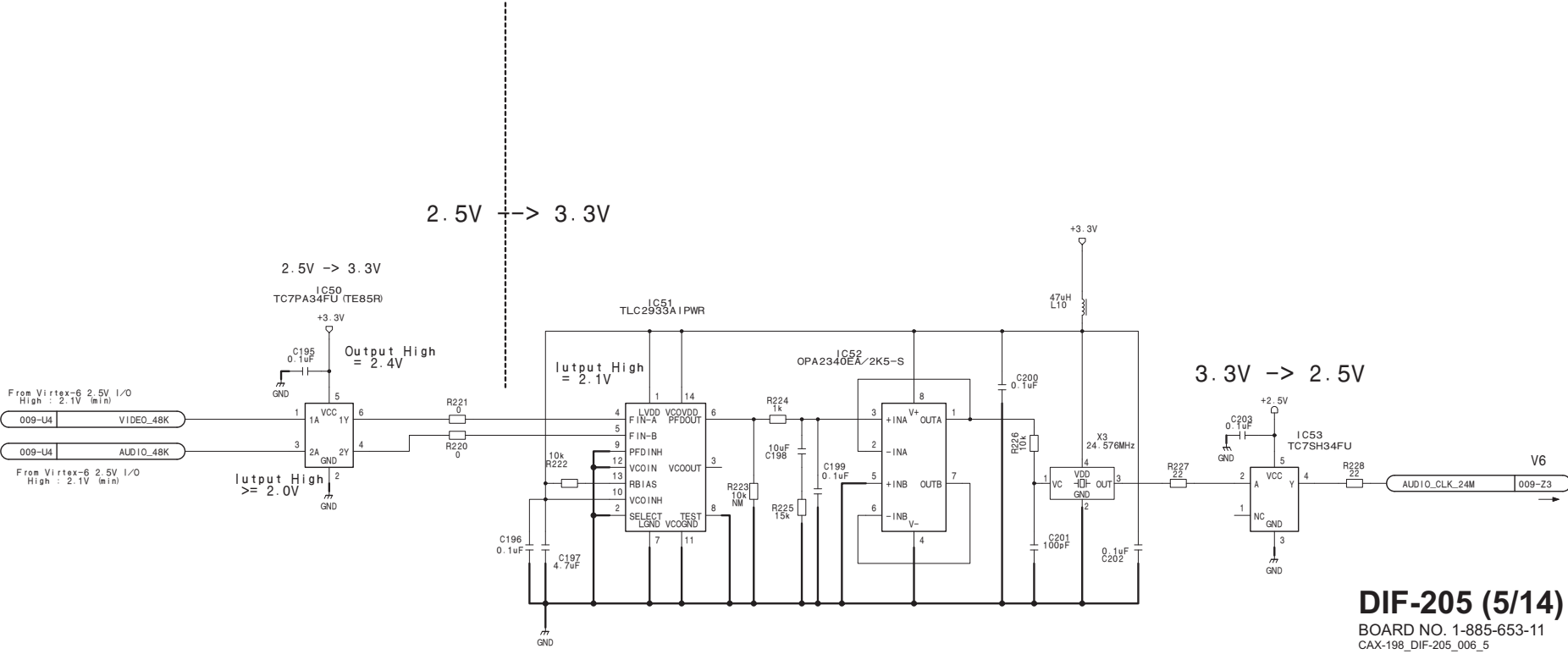
DIF-205 (3/14)
BOARD NO. 1-885-653-11
CAX-198_DIF-205_006_3



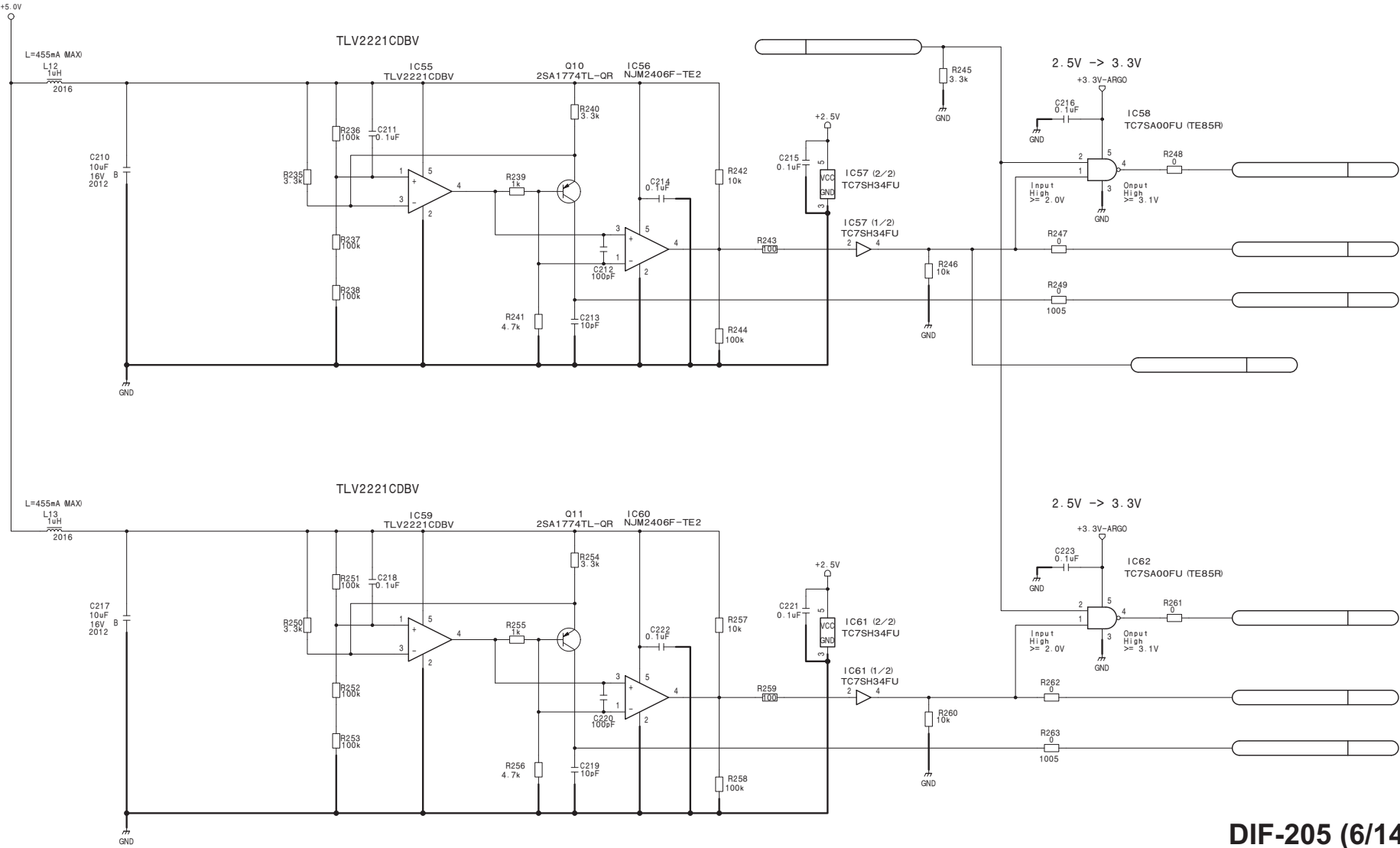
7-23



Audio GENLOCK

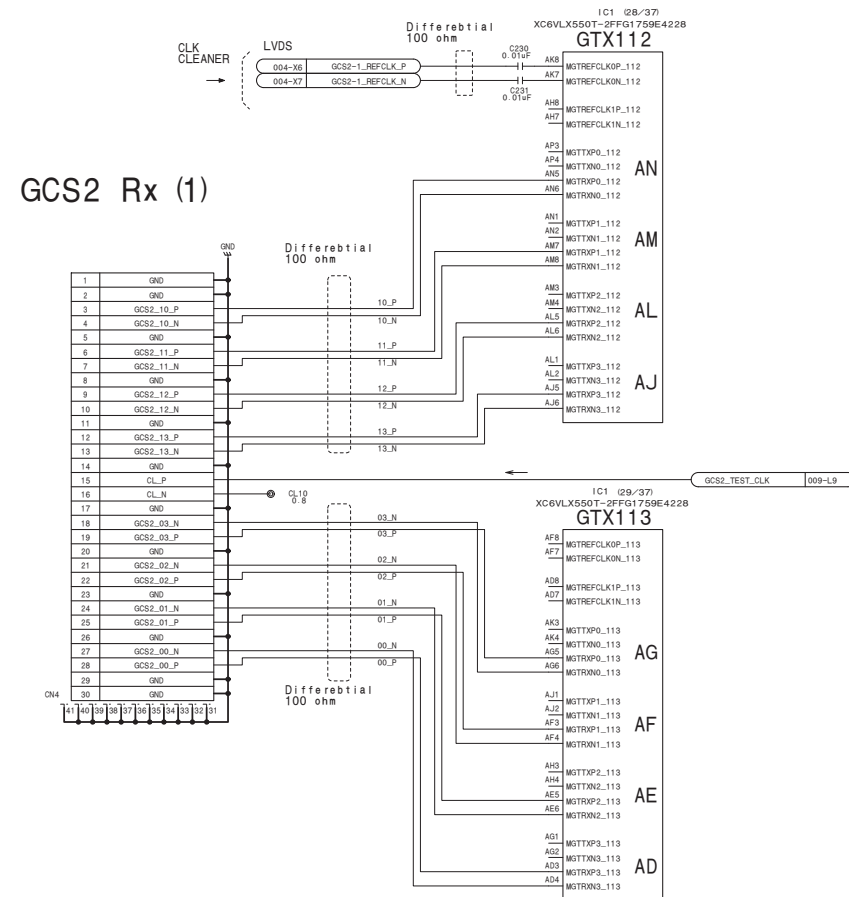


DIF-205 (6/14)

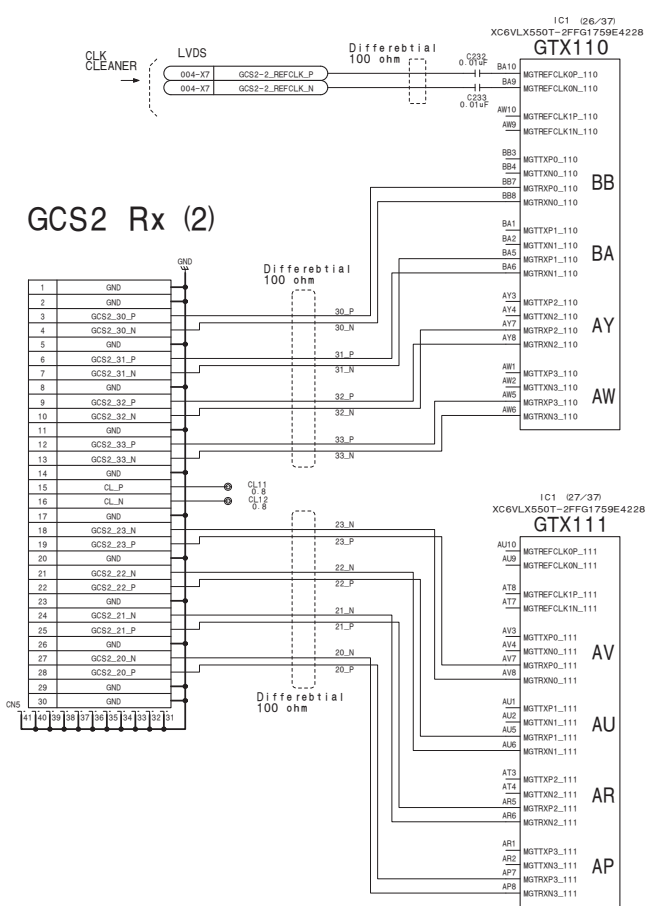


DIF-205 (6/14)
BOARD NO. 1-885-653-11
CAX-198_DIF-205_006_6

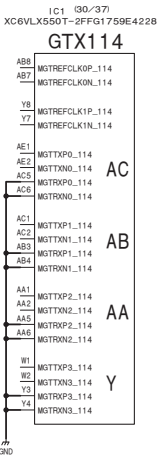
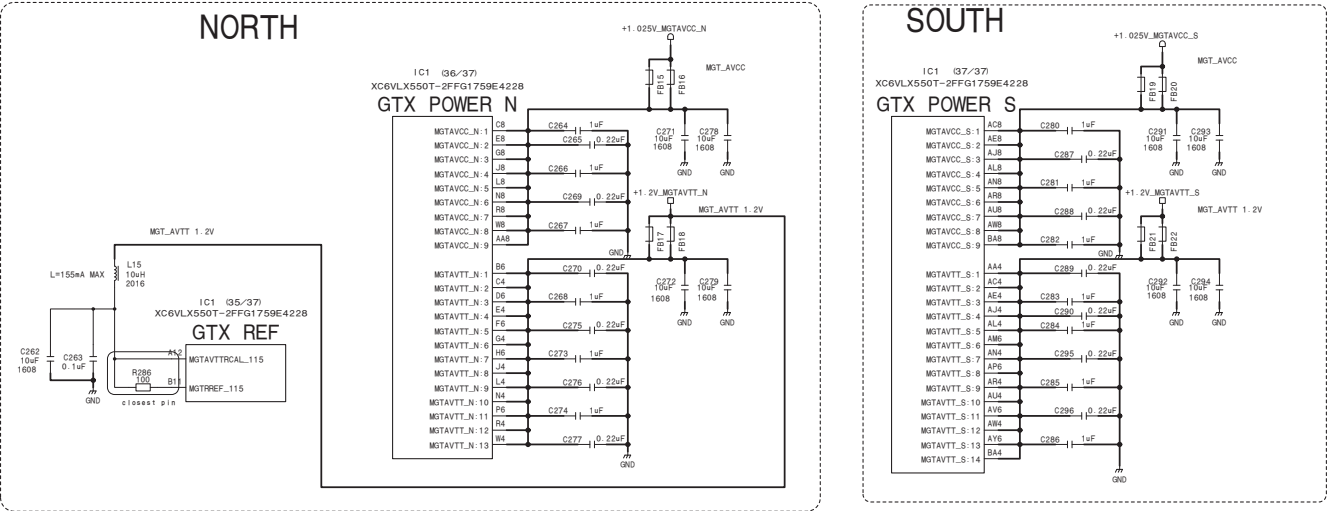
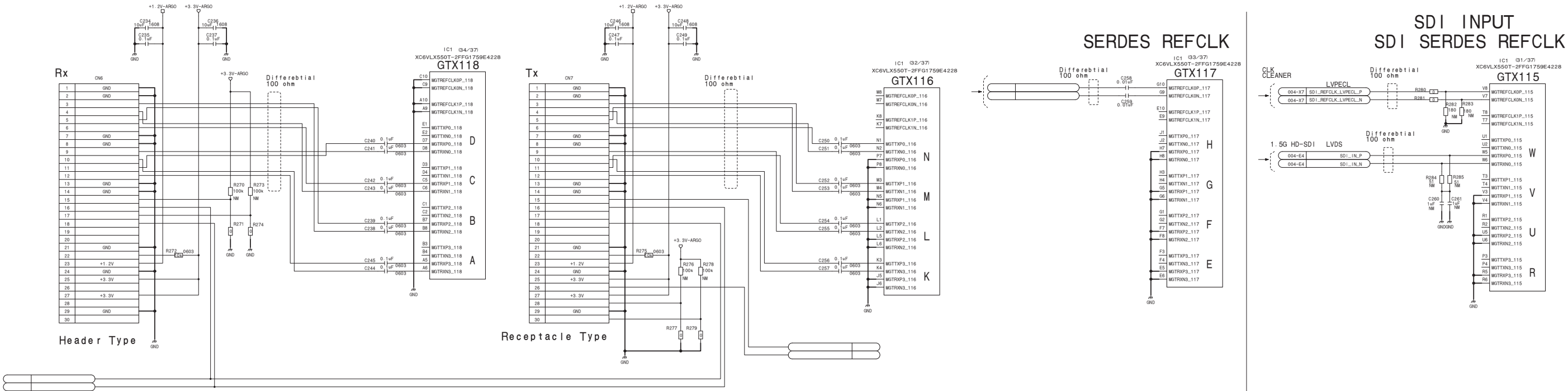
DIF-205 (7/14)_L



CAX-198_DIF-205_006_7

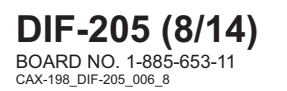


DIF



DIF-205 (7/14)
BOARD NO. 1-885-653-11
CAX-198_DIF-205_006_7

```
CPU-IF, Config status
SPI FLASH
```



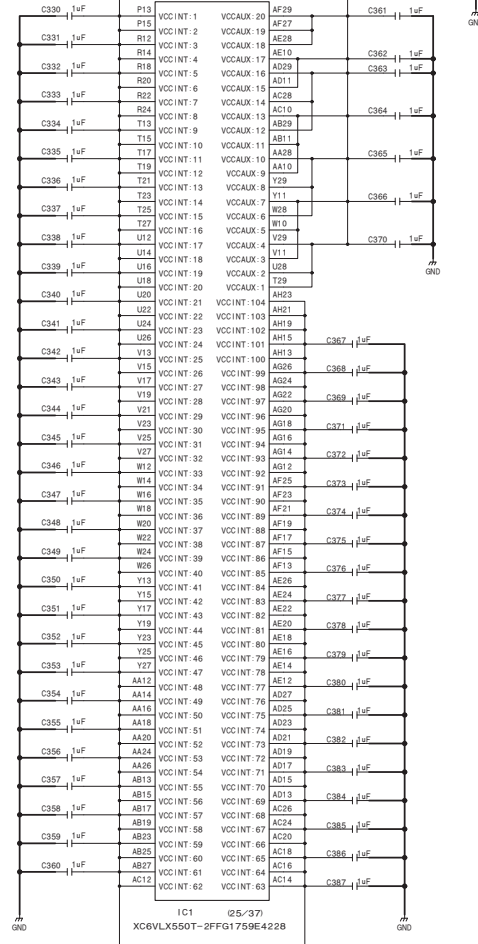
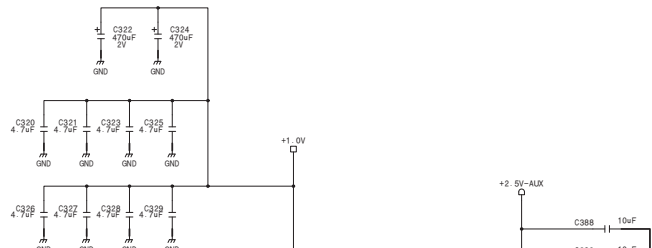
DIF-205 (9/14)_L

BANK 25, 35, 34 , 17, 21

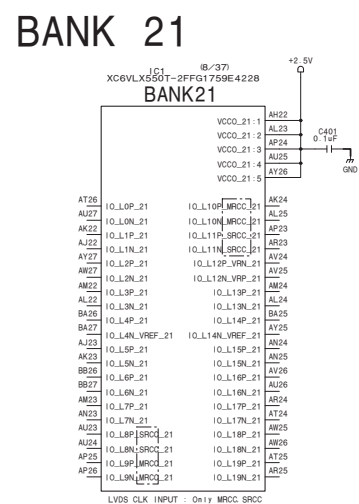
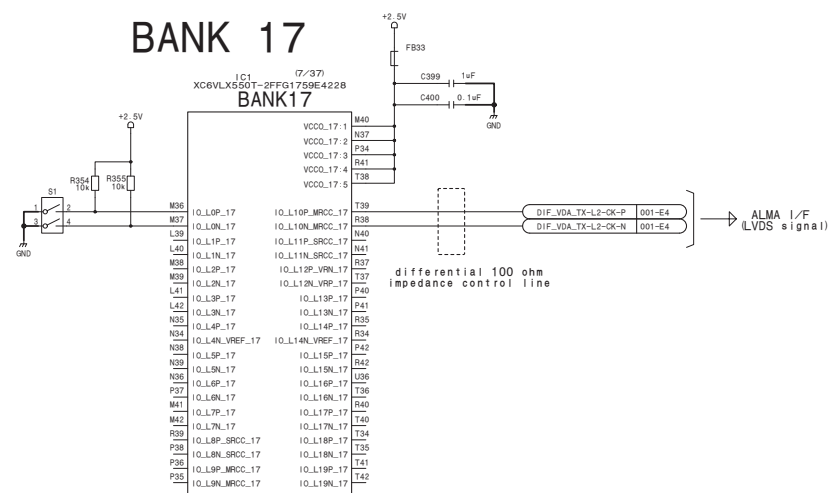
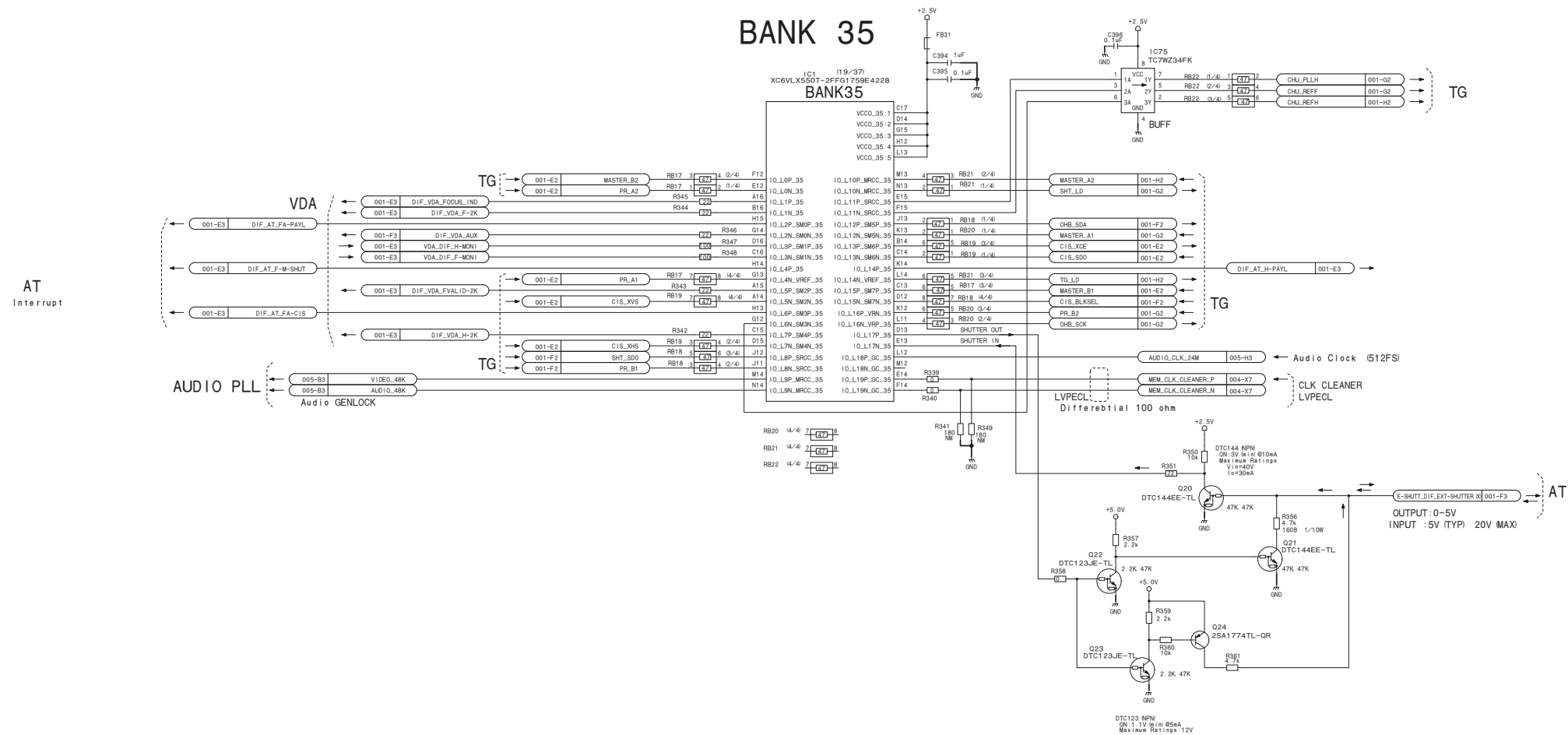
VDA Audio, SY, Genlock Timing
TG, VDA, AT, AU PLL
DOCK

A1	QND:1	QND:109	P19
A3	QND:2	QND:110	P29
A4	QND:3	QND:111	P39
A7	QND:4	QND:112	R7
A8	QND:5	QND:113	R8
A11	QND:6	QND:114	R9
A13	QND:7	QND:115	R13
A16	QND:8	QND:116	R15
A18	QND:9	QND:117	R17
A19	QND:10	QND:118	R19
B1	QND:11	QND:119	R21
B2	QND:12	QND:120	R23
B5	QND:13	QND:121	R26
B6	QND:14	QND:122	T1
B10	QND:15	QND:123	T2
B12	QND:16	QND:124	T6
B13	QND:17	QND:125	T9
B15	QND:18	QND:126	T10
B25	QND:19	QND:127	T11
B35	QND:20	QND:128	T12
C2	QND:21	QND:129	T14
C11	QND:22	QND:130	T18
C19	QND:23	QND:131	T20
C22	QND:24	QND:132	T22
C32	QND:25	QND:133	T24
C33	QND:26	QND:134	T24
C42	QND:27	QND:135	T26
D1	QND:28	QND:136	U3
D2	QND:29	QND:137	U4
D5	QND:30	QND:138	U5
D9	QND:31	QND:139	U7
D10	QND:32	QND:140	U8
D11	QND:33	QND:141	U8
D15	QND:34	QND:142	U11
D25	QND:35	QND:143	U13
E3	QND:36	QND:144	U15
E7	QND:37	QND:145	U17
E11	QND:38	QND:147	U19
E16	QND:40	QND:148	U21
E30	QND:41	QND:149	U25
F1	QND:42	QND:150	U27
F2	QND:43	QND:151	U27
F3	QND:44	QND:152	U29
F5	QND:45	QND:153	U30
F9	QND:46	QND:154	U34
F11	QND:47	QND:155	V2
F13	QND:48	QND:156	V5
F23	QND:49	QND:157	V6
F33	QND:51	QND:159	V9
G3	QND:52	QND:160	V10
G11	QND:53	QND:161	V14
G20	QND:54	QND:162	V16
G30	QND:55	QND:163	V16
G40	QND:57	QND:165	V20
H1	QND:58	QND:166	V22
H5	QND:59	QND:167	V26
H6	QND:60	QND:168	V28
H10	QND:62	QND:170	V30
H11	QND:63	QND:171	W3
H17	QND:64	QND:172	W7
H27	QND:65	QND:173	W1
J3	QND:66	QND:174	W3
J7	QND:67	QND:175	W5
J8	QND:68	QND:176	W5
J14	QND:70	QND:178	W9
K24	QND:71	QND:179	W23
K1	QND:72	QND:180	W25
K2	QND:74	QND:182	W27
K5	QND:75	QND:183	W34
K6	QND:76	QND:184	W1
K9	QND:77	QND:185	W2
K11	QND:78	QND:186	W6
K21	QND:79	QND:187	W9
K31	QND:80	QND:188	W10
K41	QND:81	QND:189	W10
L3	QND:82	QND:190	Y12
L7	QND:83	QND:191	Y14
L18	QND:84	QND:192	Y18
L28	QND:85	QND:193	Y20
L38	QND:86	QND:194	Y24
M1	QND:88	QND:196	Y26
M2	QND:89	QND:197	Y28
M5	QND:90	QND:198	Y31
M9	QND:91	QND:199	Y34
M15	QND:93	QND:201	Y37
M25	QND:94	QND:202	Y39
M35	QND:95	QND:203	Y41
N3	QND:96	QND:204	Y45
N9	QND:97	QND:205	Y47
N12	QND:98	QND:206	Y49
N22	QND:99	QND:207	Y50
N32	QND:101	QND:209	Y52
N42	QND:102	QND:210	Y53
P1	QND:103	QND:211	Y57
P5	QND:104	QND:212	Y59
P8	QND:105	QND:213	Y61
P11	QND:107	QND:215	Y65
P12	QND:108	QND:216	Y66

AB9	QND:217	QND:325	AJ14
AB10	QND:218	QND:326	AJ24
AB12	QND:219	QND:327	AJ34
AB14	QND:220	QND:328	AK1
AB16	QND:221	QND:329	AK2
AB18	QND:222	QND:330	AK5
AB20	QND:223	QND:331	AK9
AB24	QND:224	QND:332	AK11
AB26	QND:225	QND:333	AK12
AB28	QND:226	QND:334	AK13
AB35	QND:227	QND:335	AK21
AC3	QND:228	QND:336	AK31
AC7	QND:229	QND:337	AK41
AC9	QND:230	QND:338	AL3
AC11	QND:231	QND:339	AL7
AC13	QND:232	QND:340	AL9
AC15	QND:233	QND:341	AL10
AC17	QND:234	QND:342	AL18
AC23	QND:235	QND:343	AL28
AC25	QND:236	QND:344	AL38
AC27	QND:237	QND:345	AM1
AC29	QND:238	QND:346	AM2
AC32	QND:239	QND:347	AM3
AC42	QND:240	QND:348	AM7
AD1	QND:241	QND:349	AM10
AD5	QND:242	QND:350	AM15
AD6	QND:243	QND:351	AM25
AD8	QND:244	QND:352	AM35
AD9	QND:245	QND:353	AM39
AD10	QND:246	QND:354	AM7
AD12	QND:247	QND:355	AM9
AD14	QND:248	QND:356	AM12
AD16	QND:249	QND:357	AM22
AD18	QND:250	QND:358	AM32
AD20	QND:251	QND:359	AM42
AD22	QND:252	QND:360	AP7
AD24	QND:253	QND:361	AP2
AD26	QND:254	QND:362	AP5
AD28	QND:255	QND:363	AP9
AD30	QND:256	QND:364	AP19
AD32	QND:257	QND:365	AP29
AD34	QND:258	QND:366	AP39
AD36	QND:259	QND:367	AP53
AD38	QND:260	QND:368	AP7
AD40	QND:261	QND:369	AP9
AD42	QND:262	QND:370	AP16
AD44	QND:263	QND:371	AP16
AD46	QND:264	QND:372	AP26
AD48	QND:265	QND:373	AP28
AD50	QND:266	QND:374	AT7
AD52	QND:267	QND:375	AT5
AD54	QND:268	QND:376	AT5
AD56	QND:269	QND:377	AT6
AD58	QND:270	QND:378	AT9
AD60	QND:271	QND:379	AT10
AD62	QND:272	QND:380	AT11
AD64	QND:273	QND:381	AT23
AD66	QND:274	QND:382	AT33
AD68	QND:275	QND:383	AT33
AD70	QND:276	QND:384	AT33
AD72	QND:277	QND:385	AT33
AD74	QND:278	QND:386	AT33
AD76	QND:279	QND:387	AT33
AD78	QND:280	QND:388	AT33
AD80	QND:281	QND:389	AT33
AD82	QND:282	QND:390	AT33
AD84	QND:283	QND:391	AT33
AD86	QND:284	QND:392	AT33
AD88	QND:285	QND:393	AT33
AD90	QND:286	QND:394	AT33
AD92	QND:287	QND:395	AT33
AD94	QND:288	QND:396	AT33
AD96	QND:289	QND:397	AT33
AD98	QND:290	QND:398	AT33
AD100	QND:291	QND:399	AT33
AD102	QND:292	QND:400	AT33
AD104	QND:293	QND:401	AT33
AD106	QND:294	QND:402	AT33
AD108	QND:295	QND:403	AT33
AD110	QND:296	QND:404	AT33
AD112	QND:297	QND:405	AT33
AD114	QND:298	QND:406	AT33
AD116	QND:299	QND:407	AT33
AD118	QND:300	QND:408	AT33
AD120	QND:301	QND:409	AT33
AD122	QND:302	QND:410	AT33
AD124	QND:303	QND:411	AT33
AD126	QND:304	QND:412	AT33
AD128	QND:305	QND:413	AT33
AD130	QND:306	QND:414	AT33
AD132	QND:307	QND:415	AT33
AD134	QND:308	QND:416	AT33
AD136	QND:309	QND:417	AT33
AD138	QND:310	QND:418	AT33
AD140	QND:311	QND:419	AT33
AD142	QND:312	QND:420	AT33
AD144	QND:313	QND:421	AT33
AD146	QND:314	QND:422	AT33
AD148	QND:315	QND:423	AT33
AD150	QND:316	QND:424	AT33
AD152	QND:317	QND:425	AT33
AD154	QND:318	QND:426	AT33
AD156	QND:319	QND:427	AT33
AD158	QND:320	QND:428	AT33
AD160	QND:321	QND:429	AT33
AD162	QND:322	QND:430	AT33
AD164	QND:323	QND:431	AT33
AD166	QND:324		

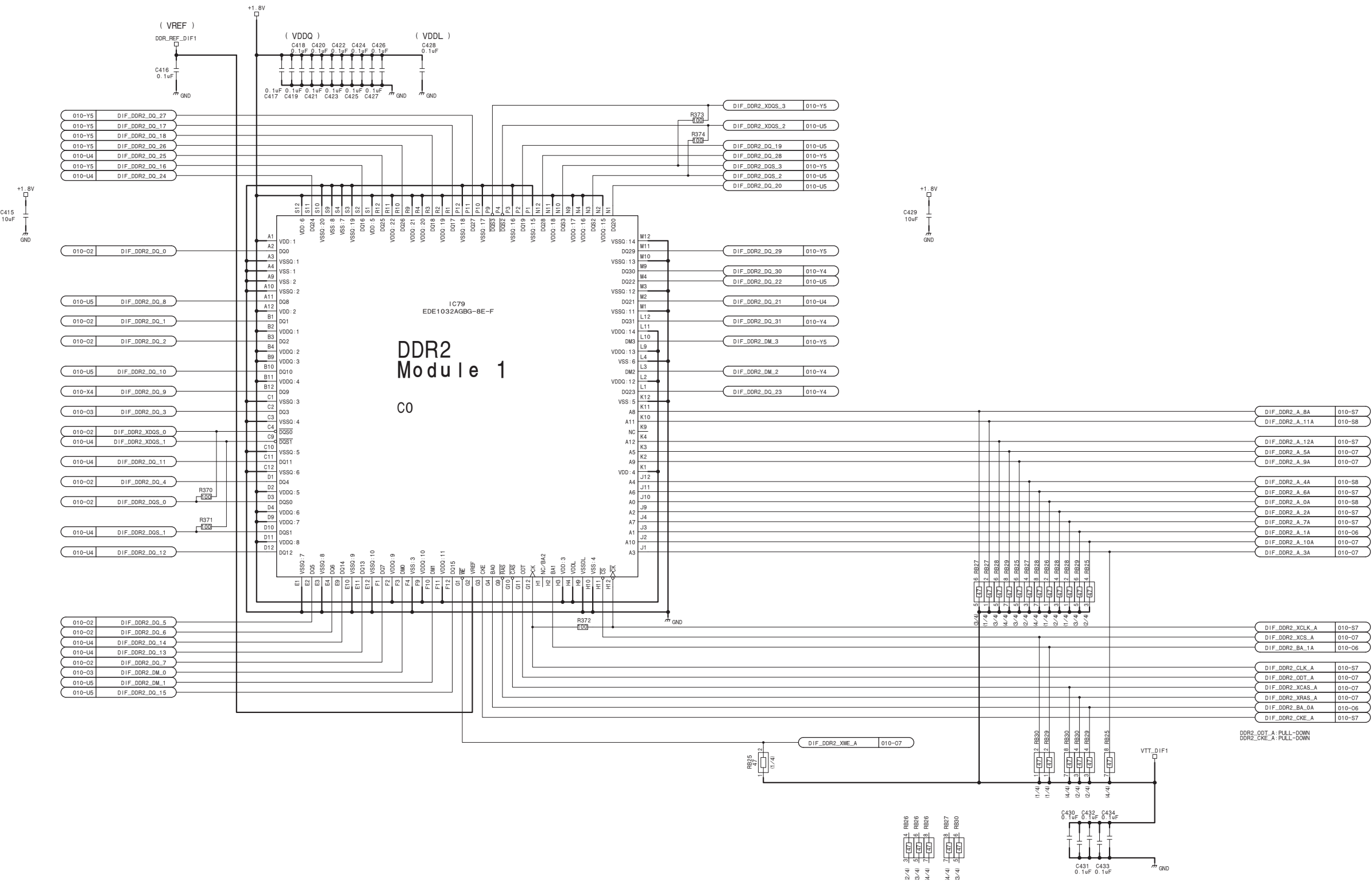


DIF-205 (9/14)_R



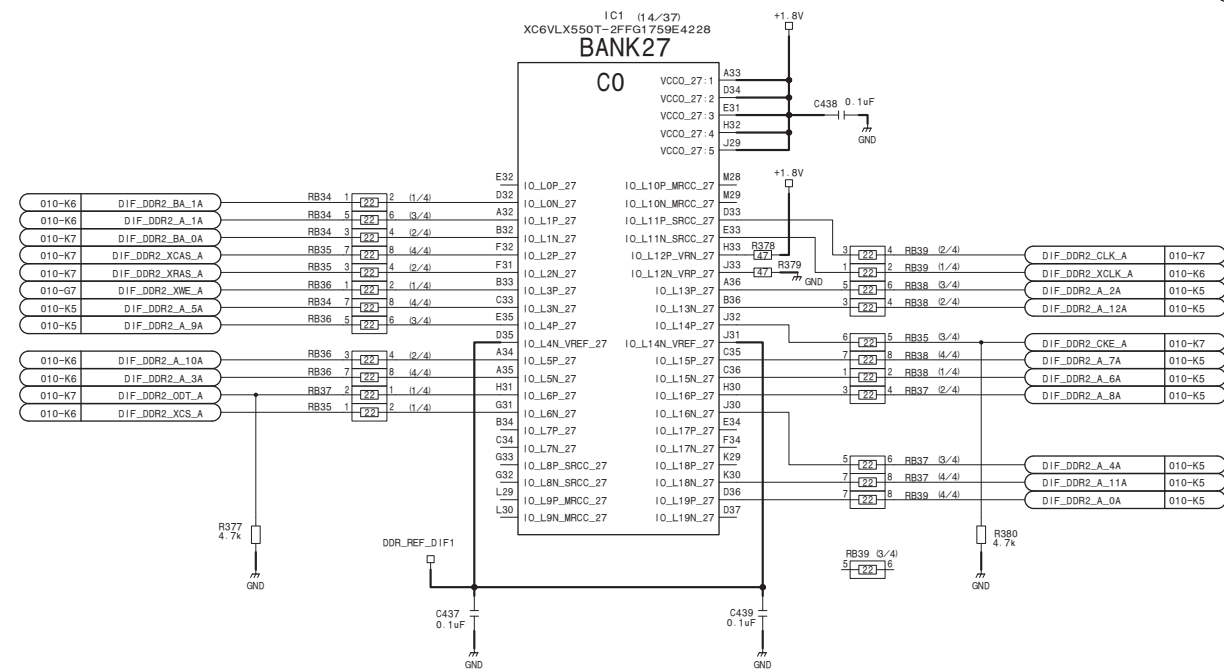
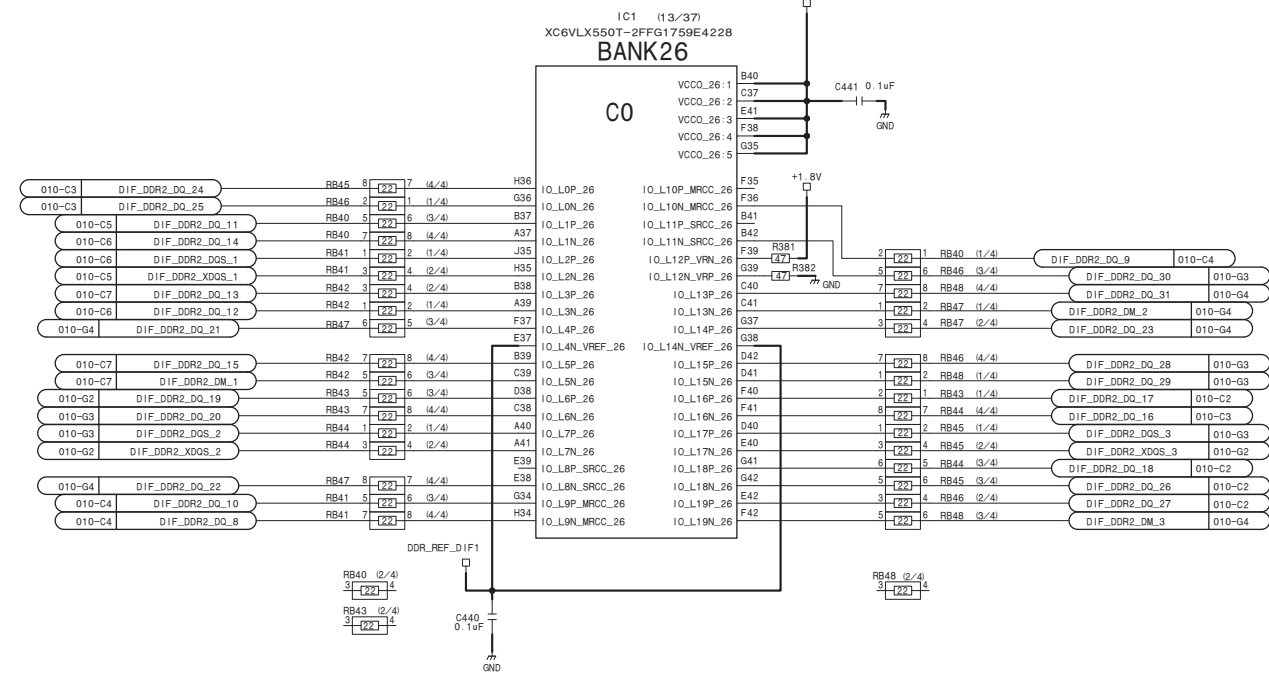
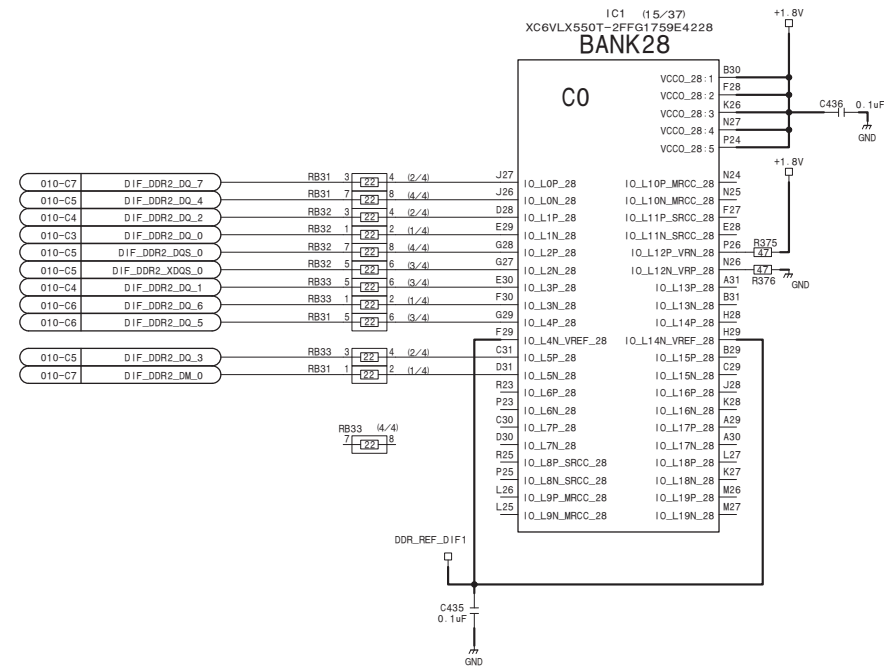
DIF-205 (9/14)
BOARD NO. 1-885-653-11
CAX-198_DIF-205_006_9

DIF DDR2 Module C0



CAX-198_DIF-205_006_10

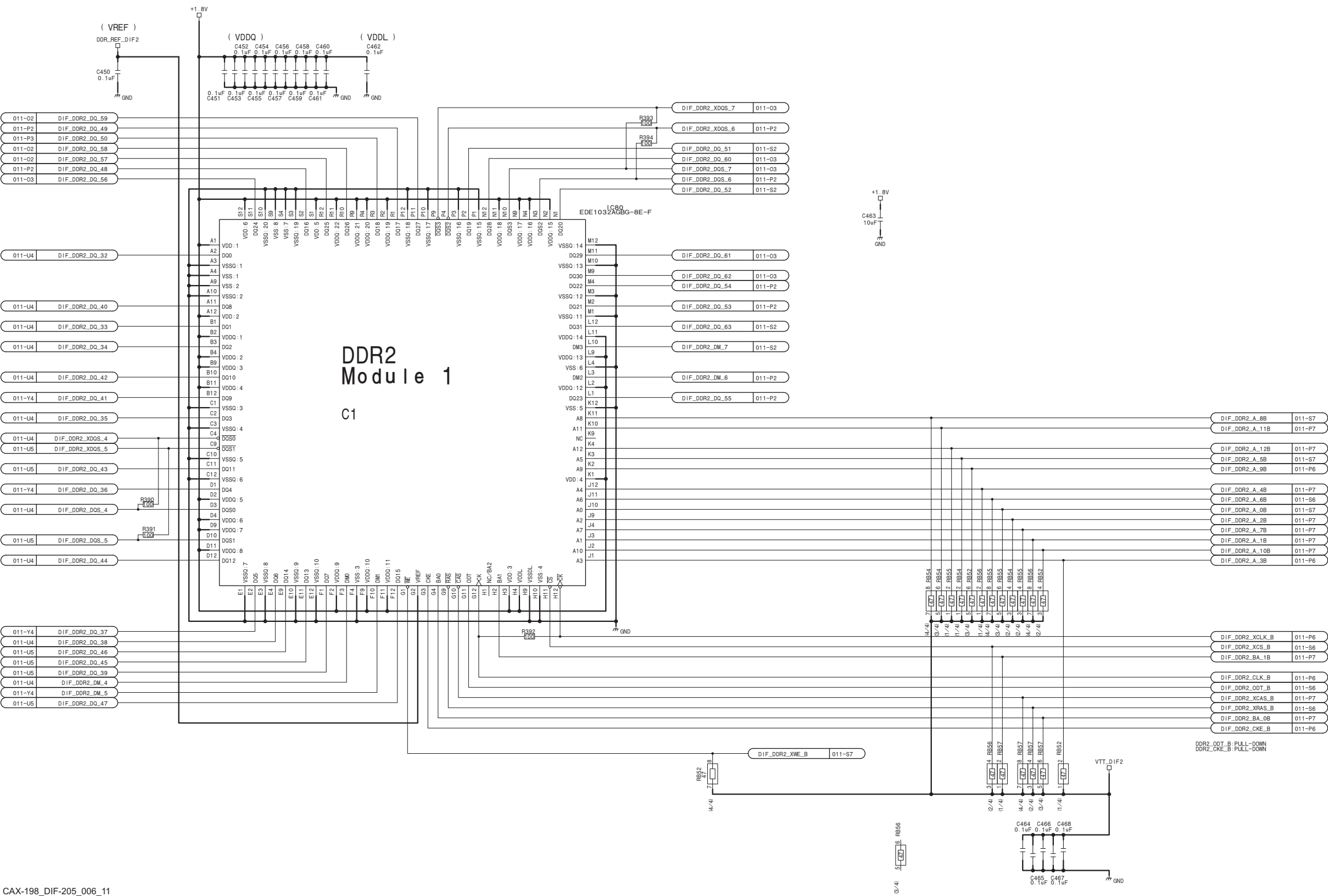
DIF-205 (10/14)_R



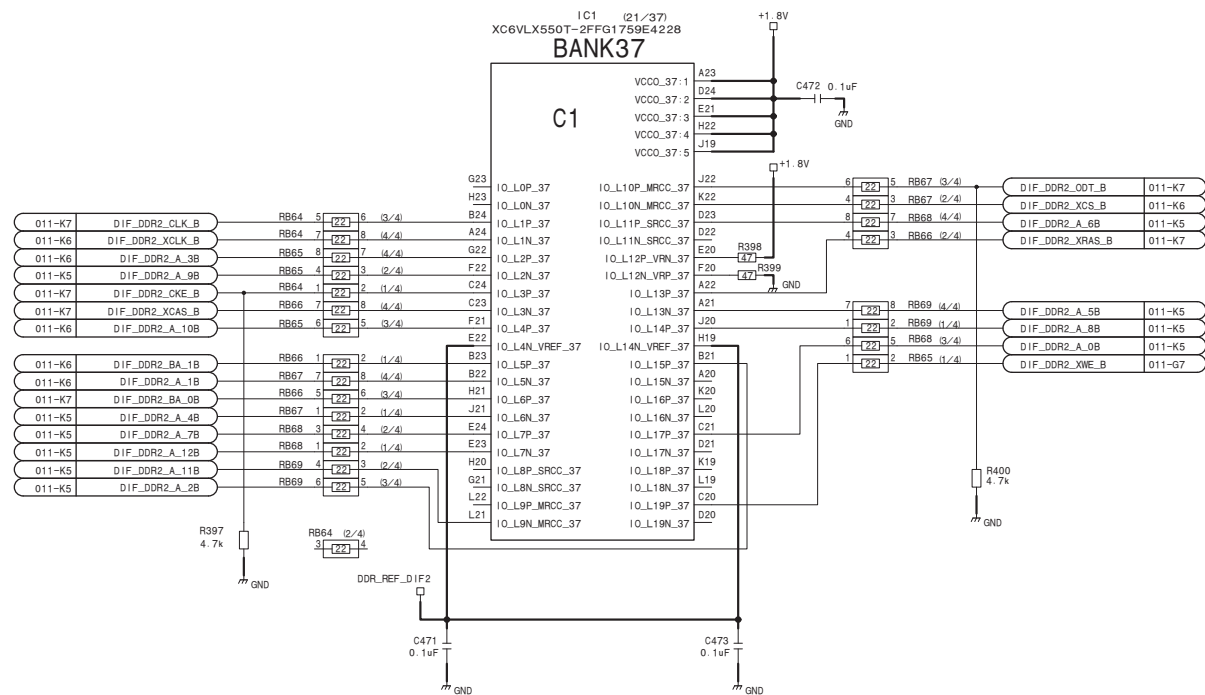
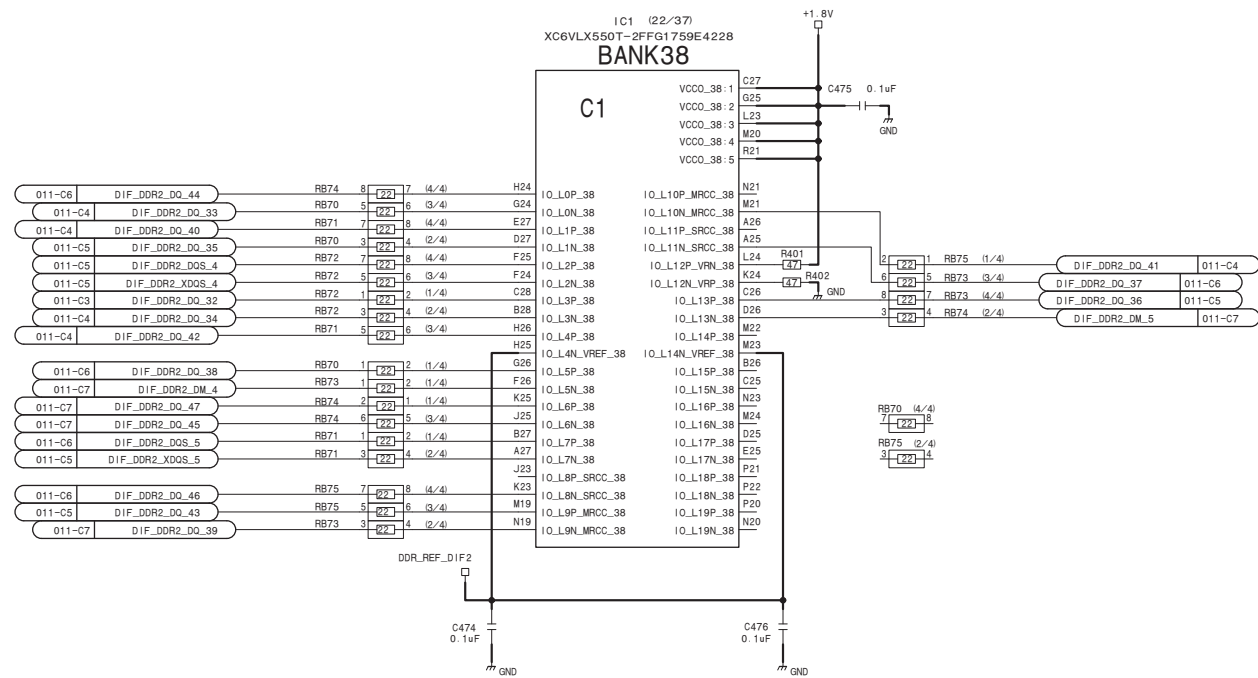
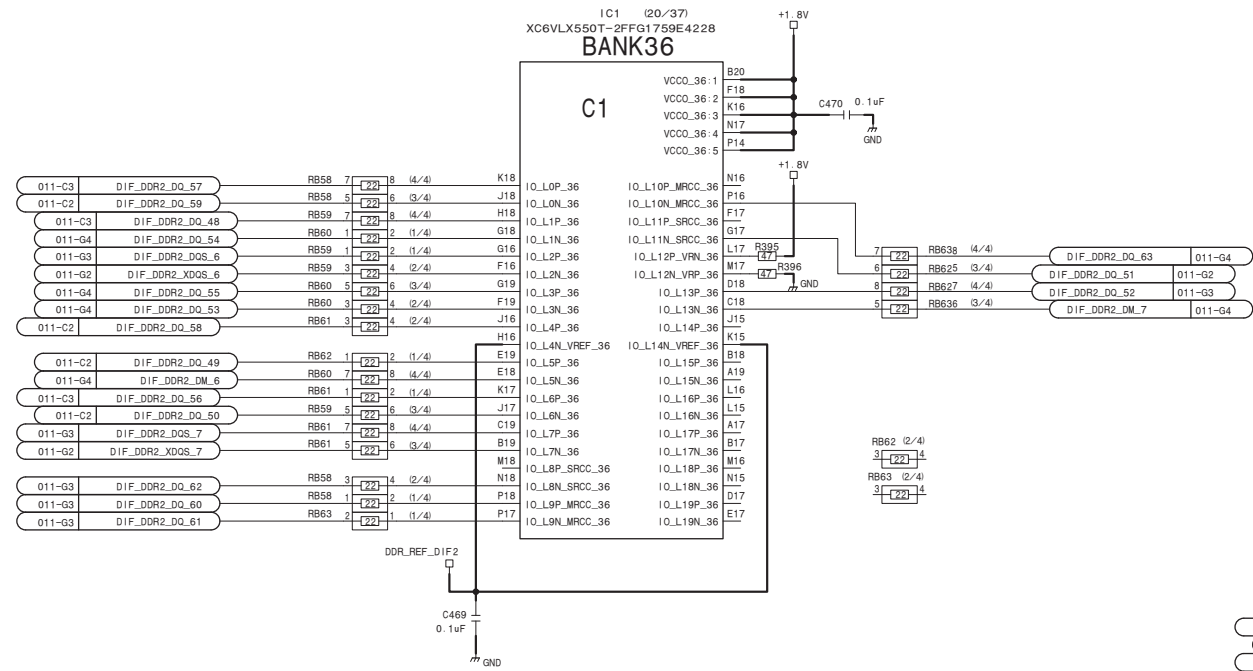
DIF-205 (10/14)

BOARD NO. 1-885-653-11
CAX-198_DIF-205_006_10

DIF DDR2 Module C1



DIF-205 (11/14)_R



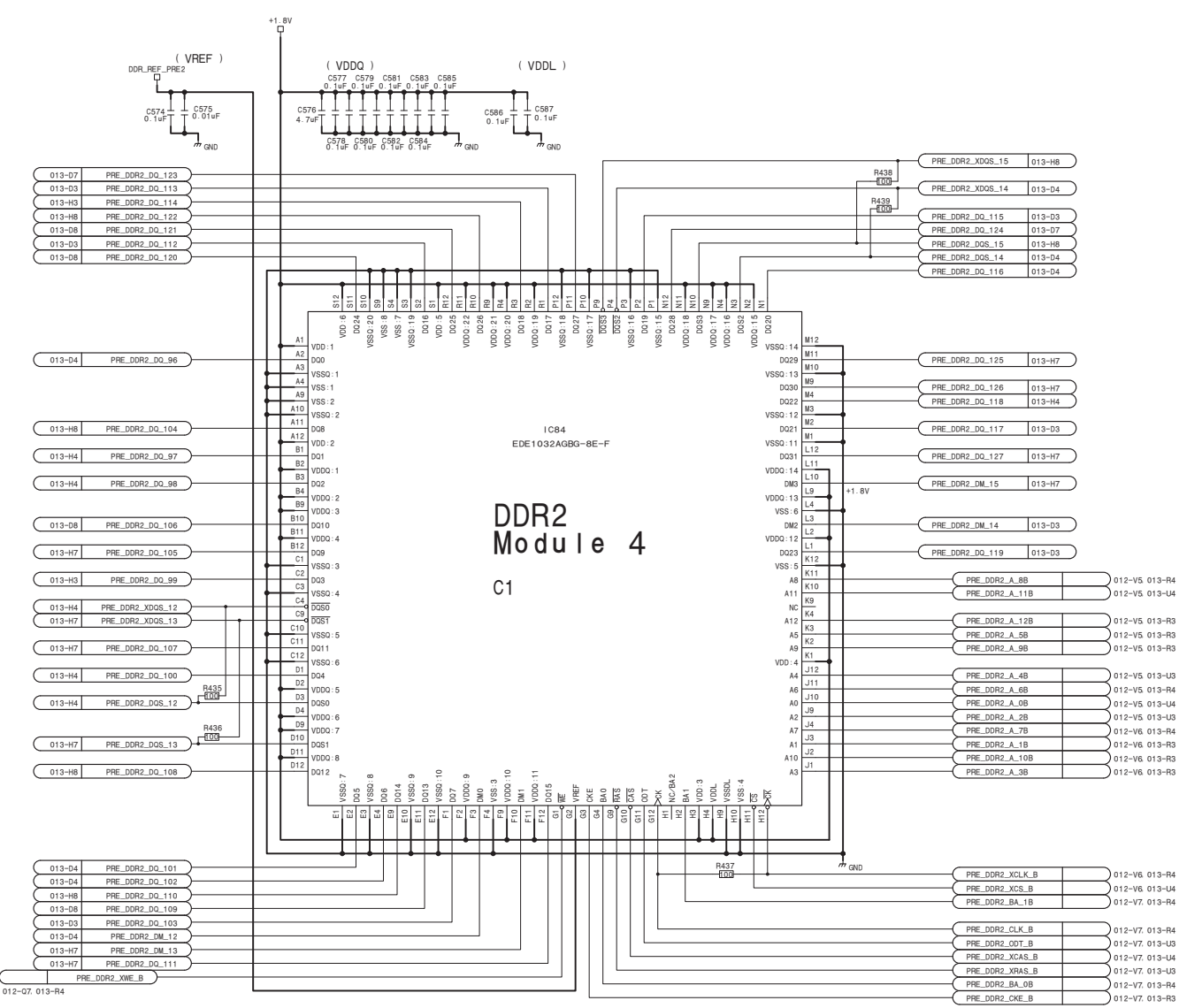
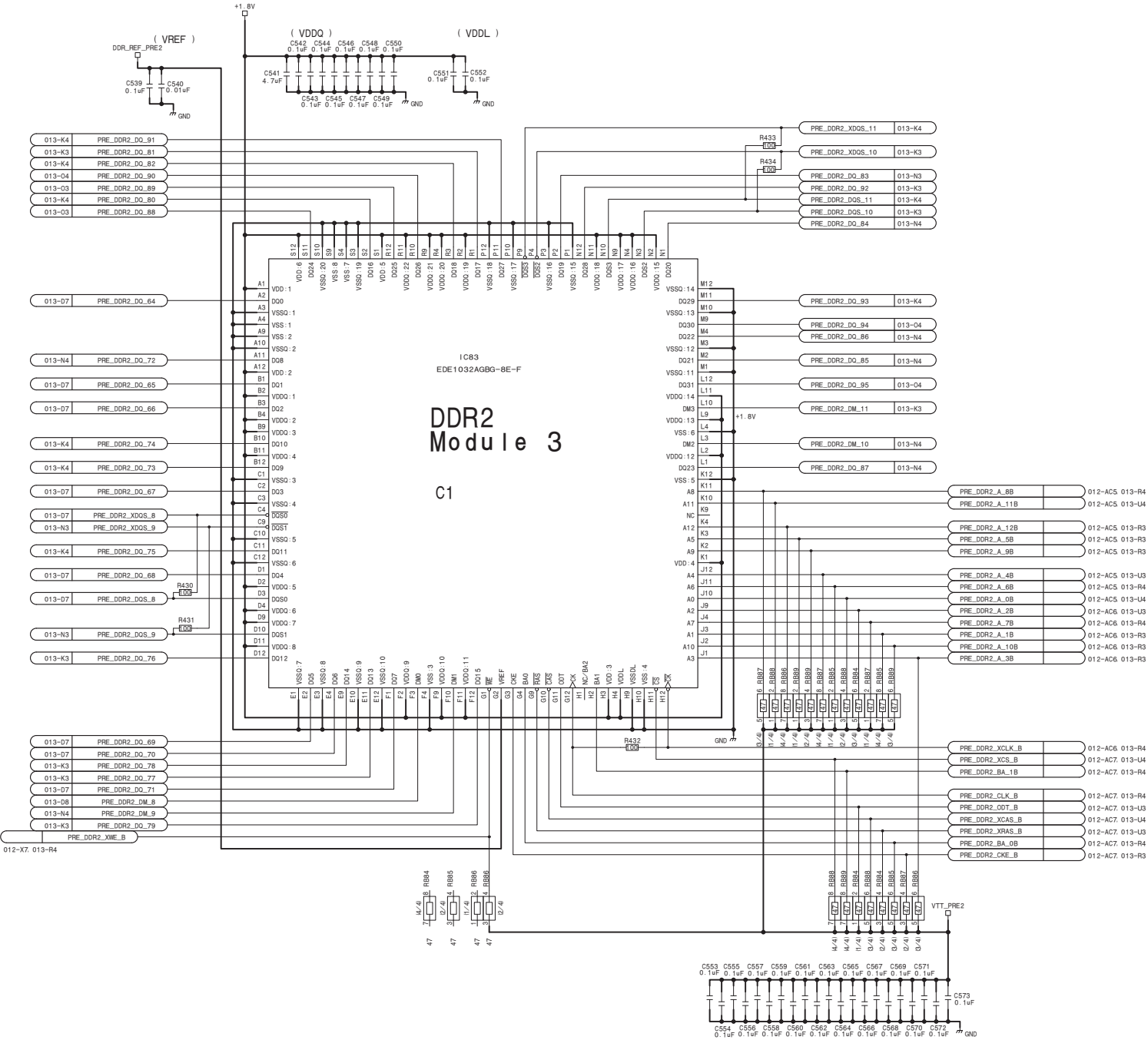
DIF-205 (11/14)

BOARD NO. 1-885-653-11
CAX-198_DIF-205_006_11

PRE DDR2 MODULE



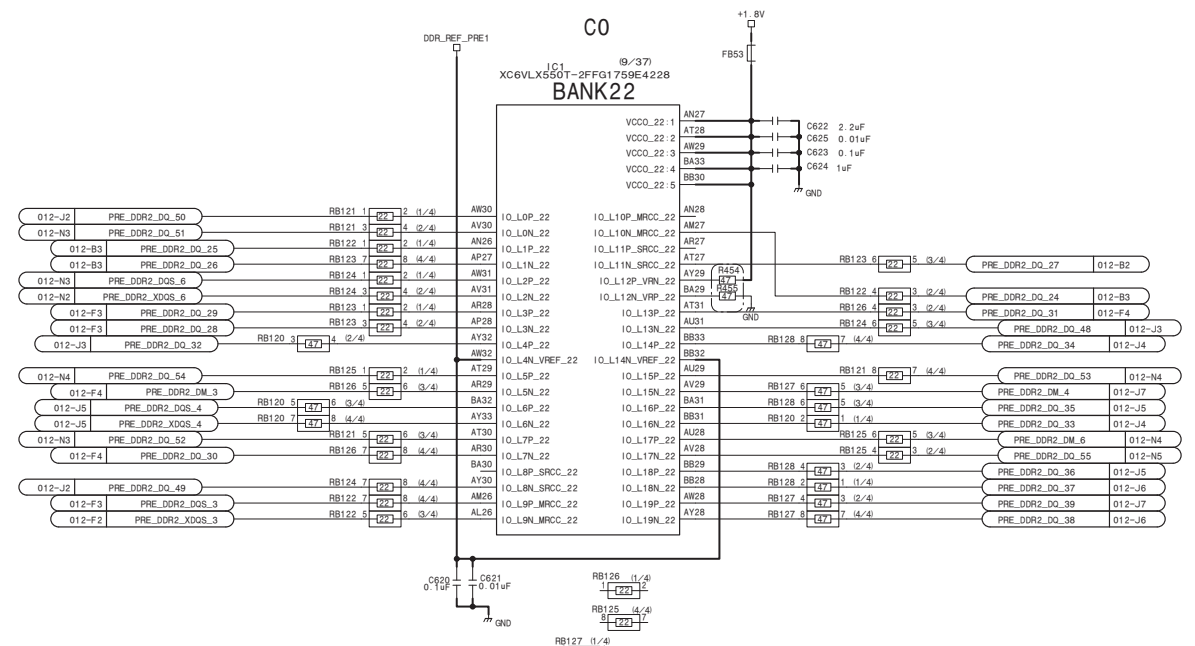
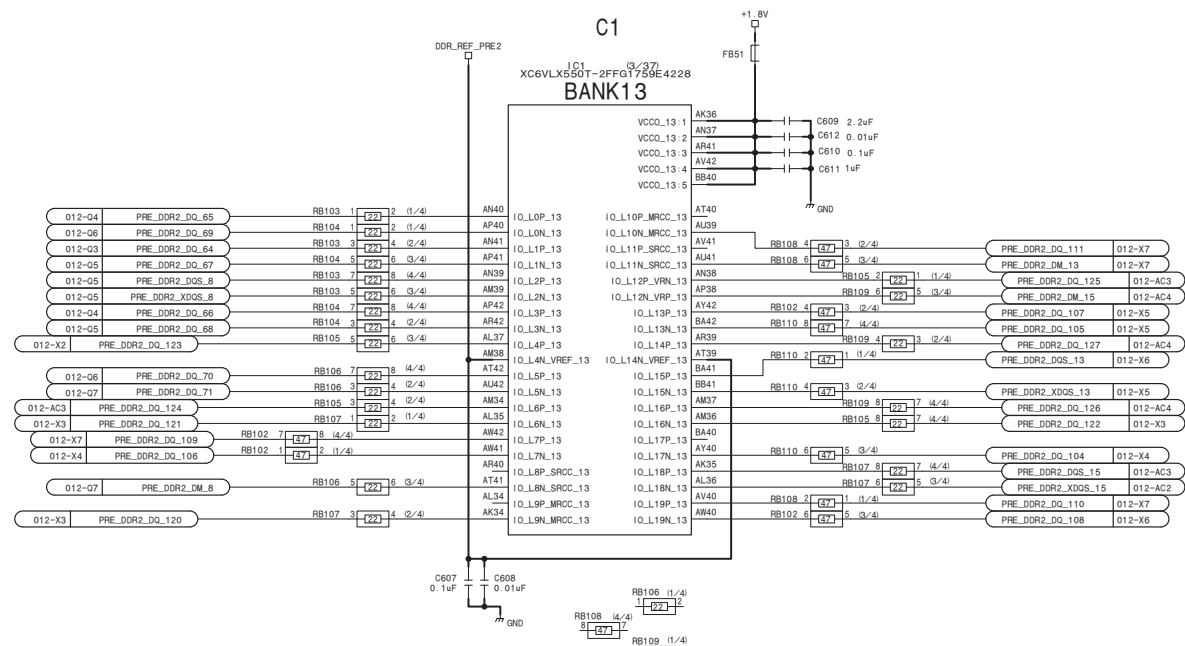
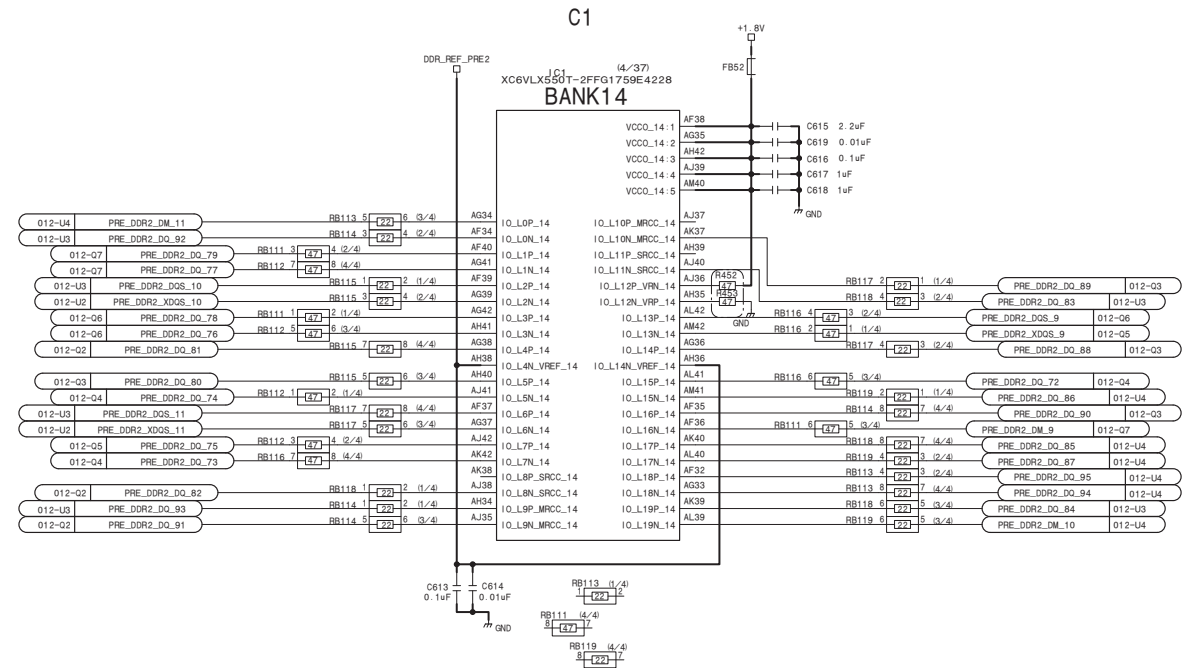
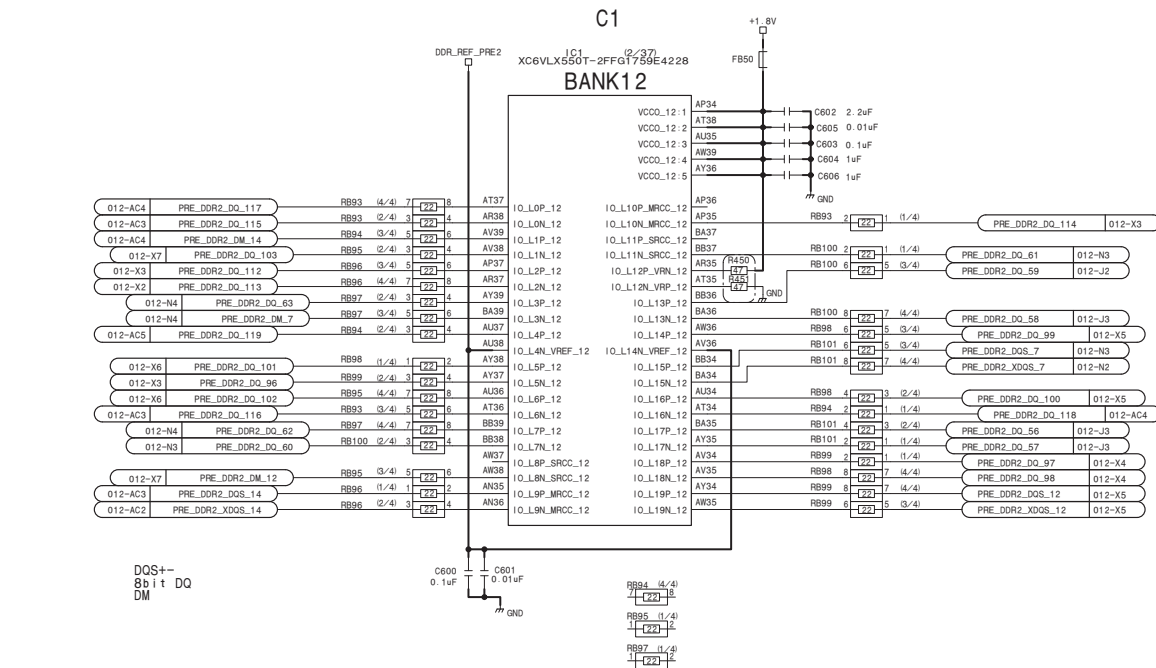
DIF-205 (12/14)_R



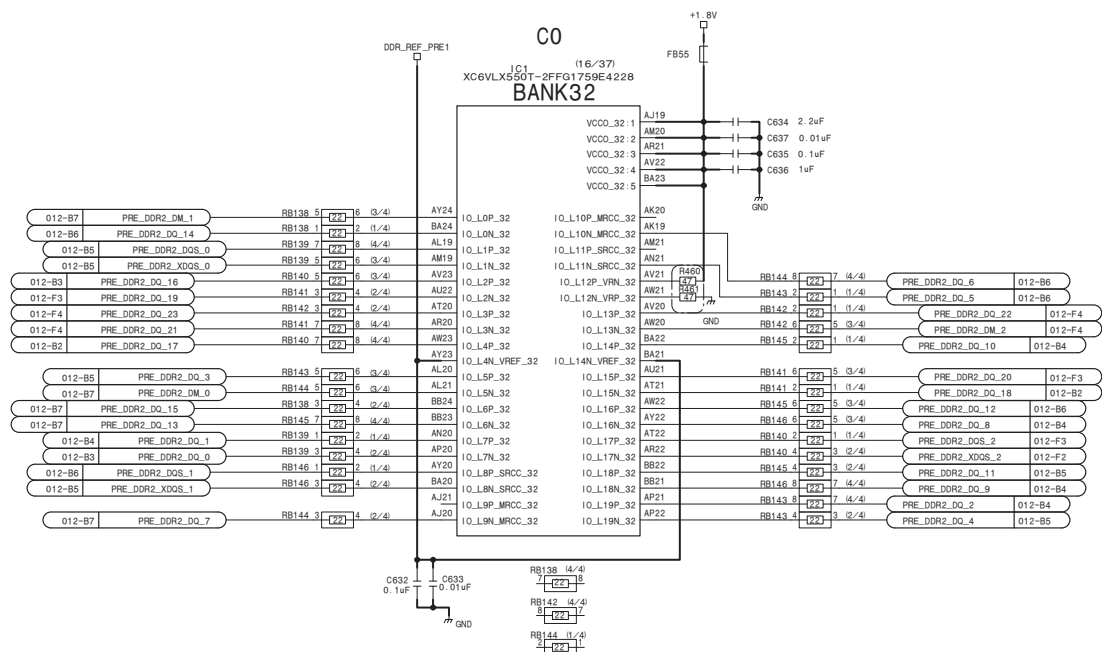
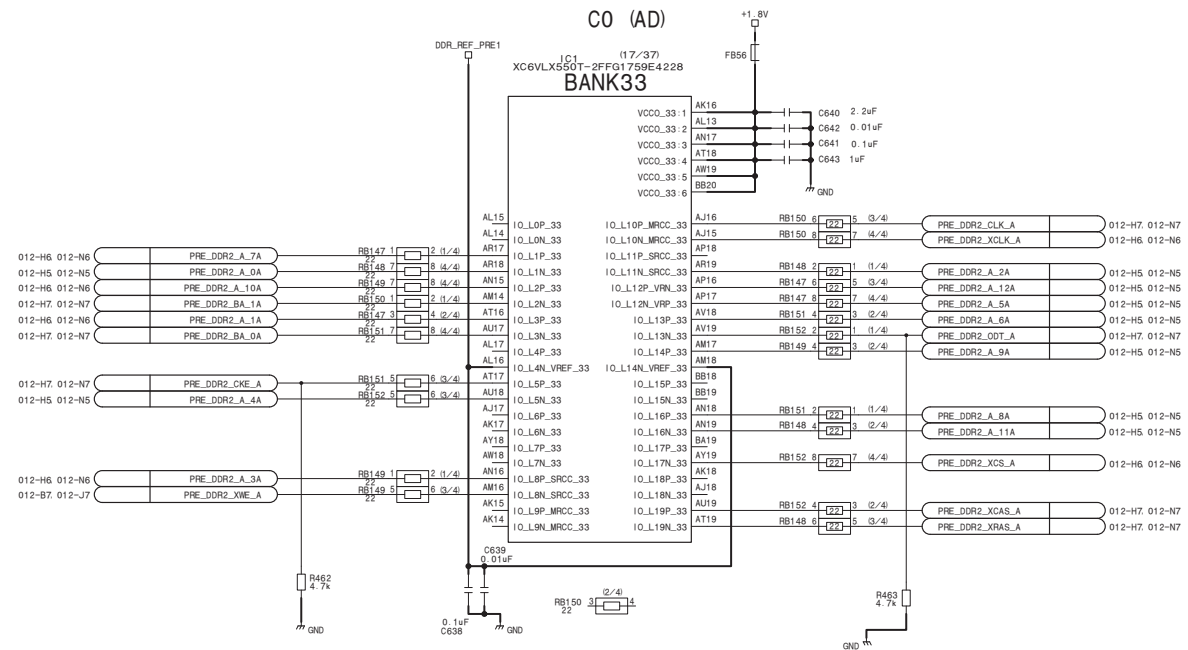
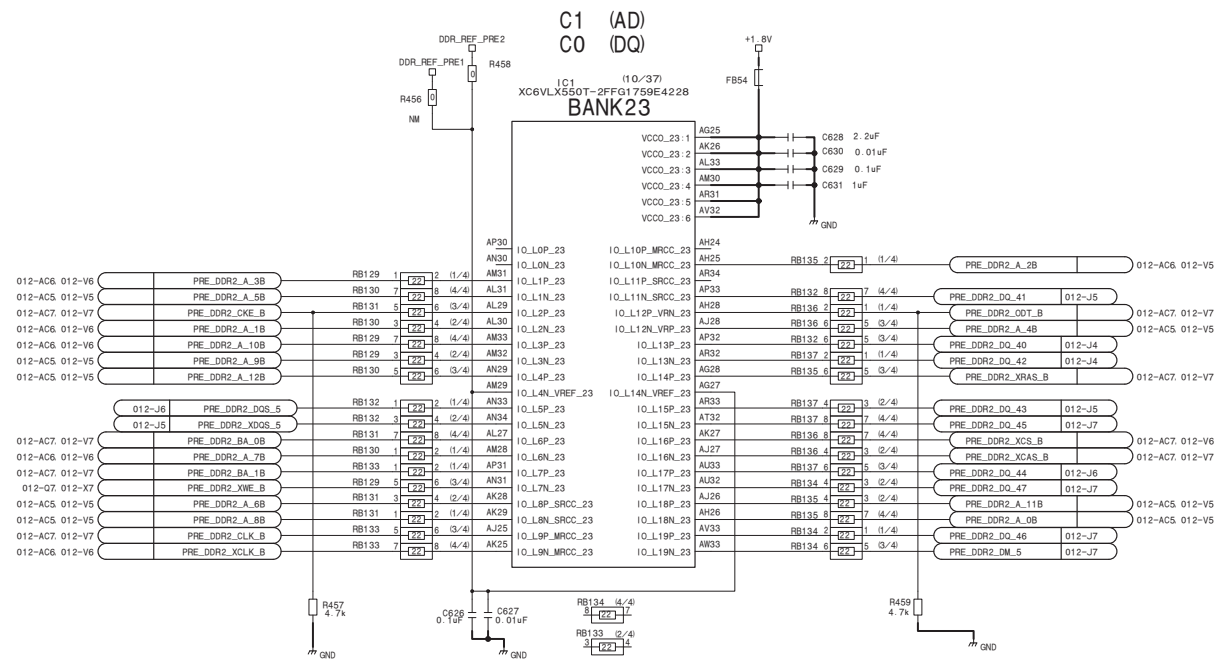
DIF-205 (12/14)
BOARD NO. 1-885-653-11
CAX-198_DIF-205_006_12

DIF-205 (13/14)_L

```
PRE  DDR2  FPGA  IF      BANK 12, 13, 14, 22, 23, 32, 33
```



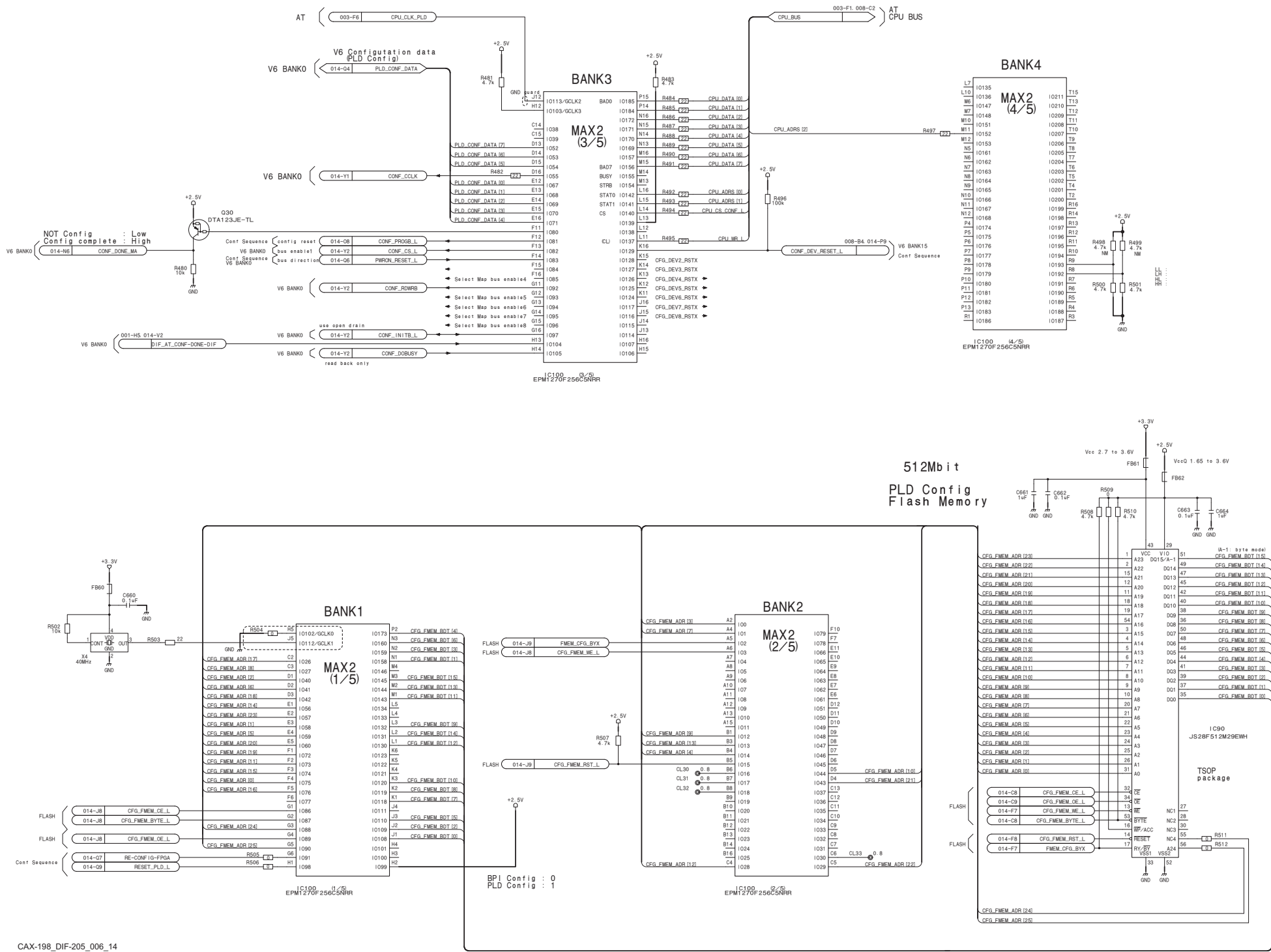
DIF-205 (13/14)_R



DIF-205 (13/14)

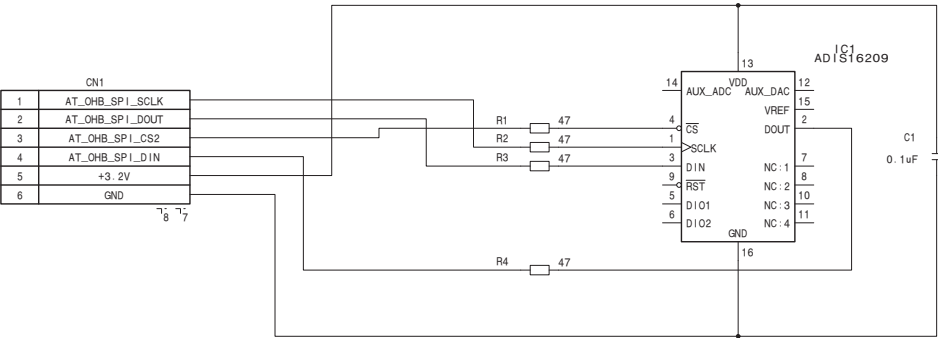
BOARD NO. 1-885-653-11
CAX-198_DIF-205_006_13

MAX2 BANK1-5 V6 BANK 0, 24
PLD CONFIG
EPR2



CAX-198_DIF-205_006_14

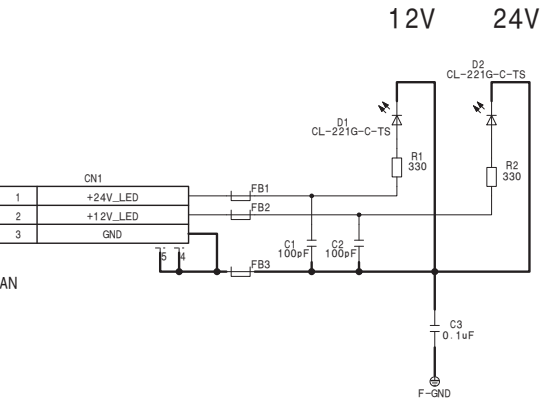
DU-560



DU-560

BOARD NO. 1-885-642-11
CAX-198_DU-560_002_1

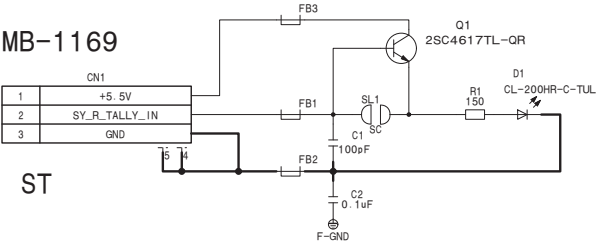
LP-126



LP-126

BOARD NO. 1-885-636-11
CAX-198_LP-126_002_1

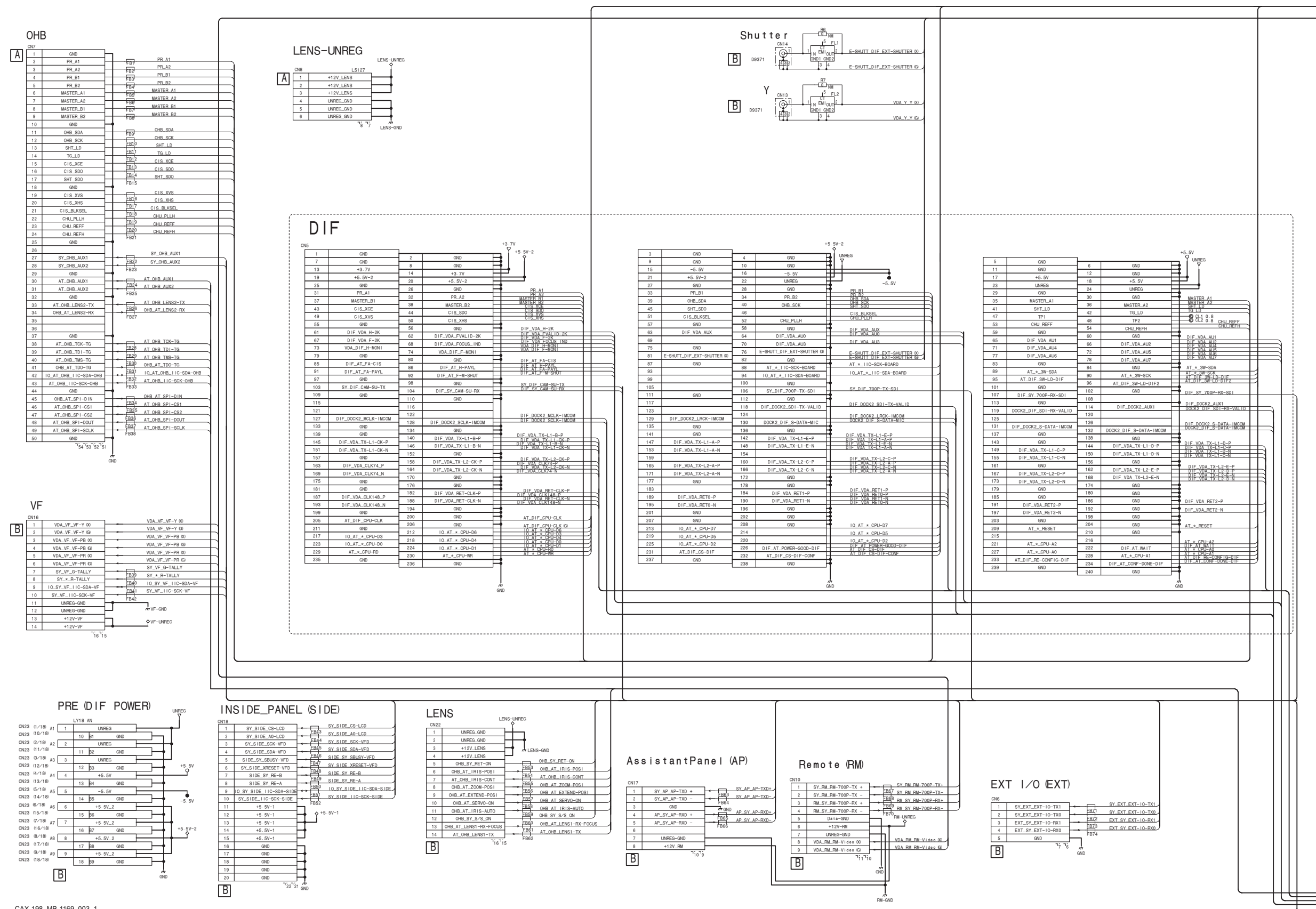
LP-125

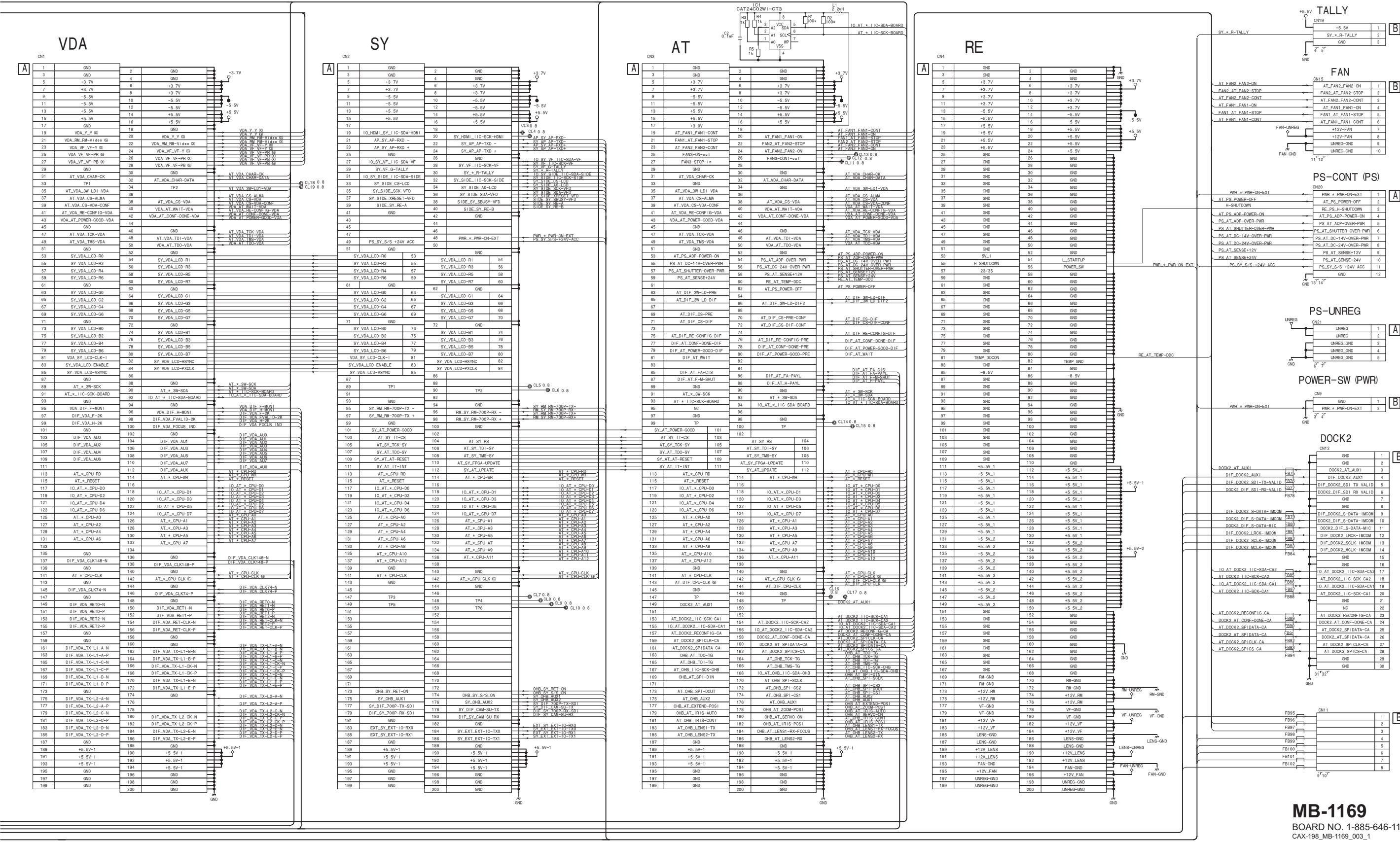


LP-125

BOARD NO. 1-885-641-11
CAX-198_LP-125_003_1

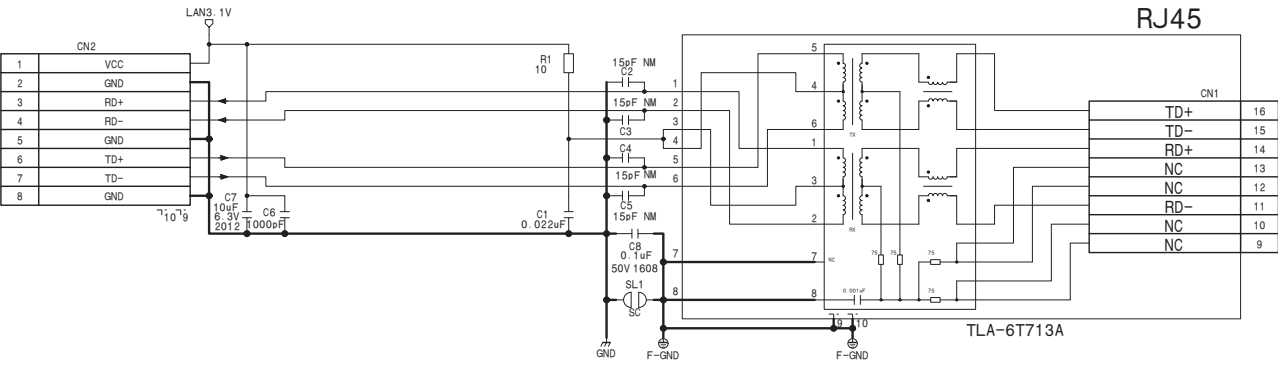
MB-1169
MB-1169_L





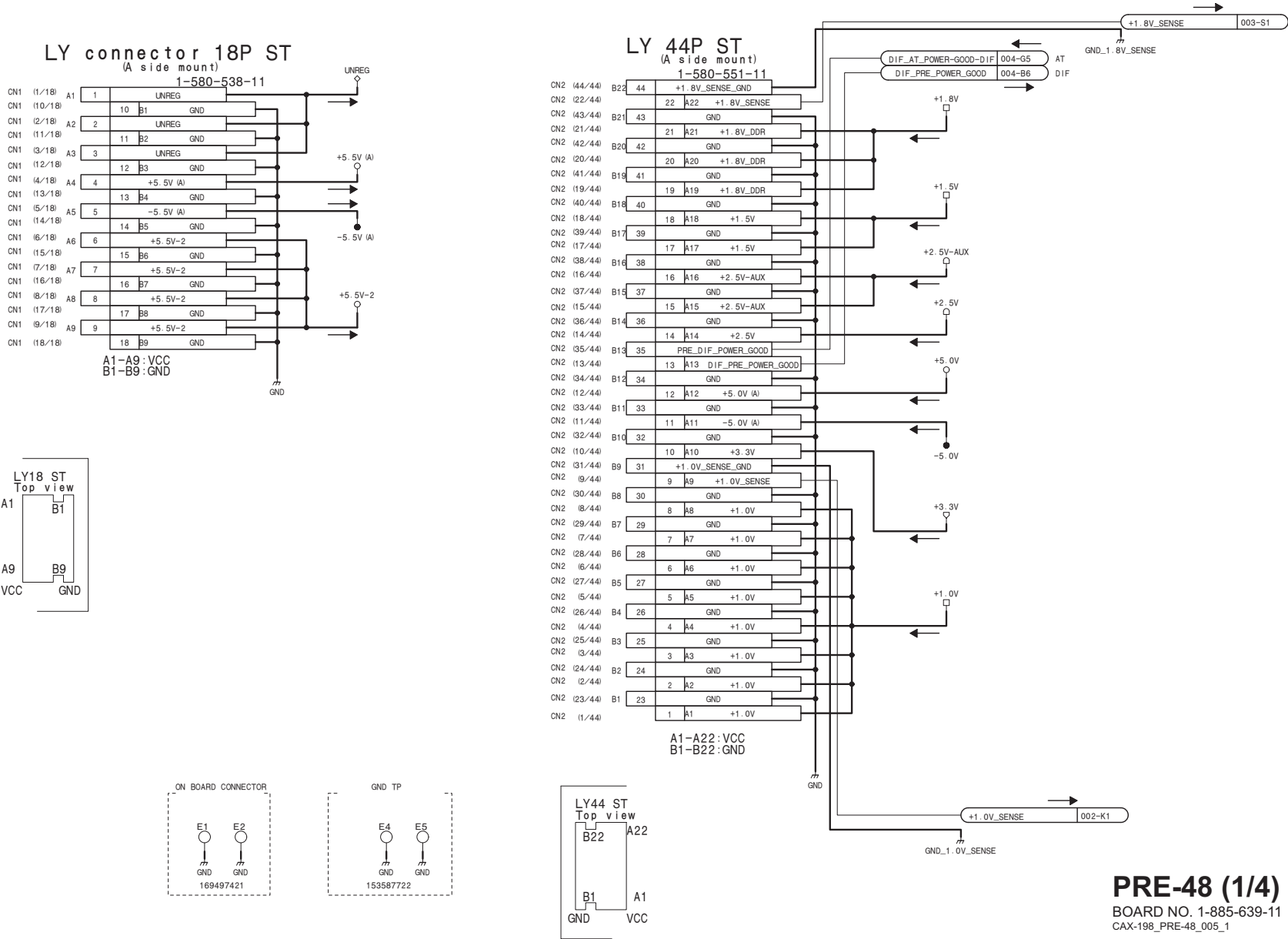
MB-1169
BOARD NO. 1-885-646-11
CAX-198_MB-1169_003_1

NET-11

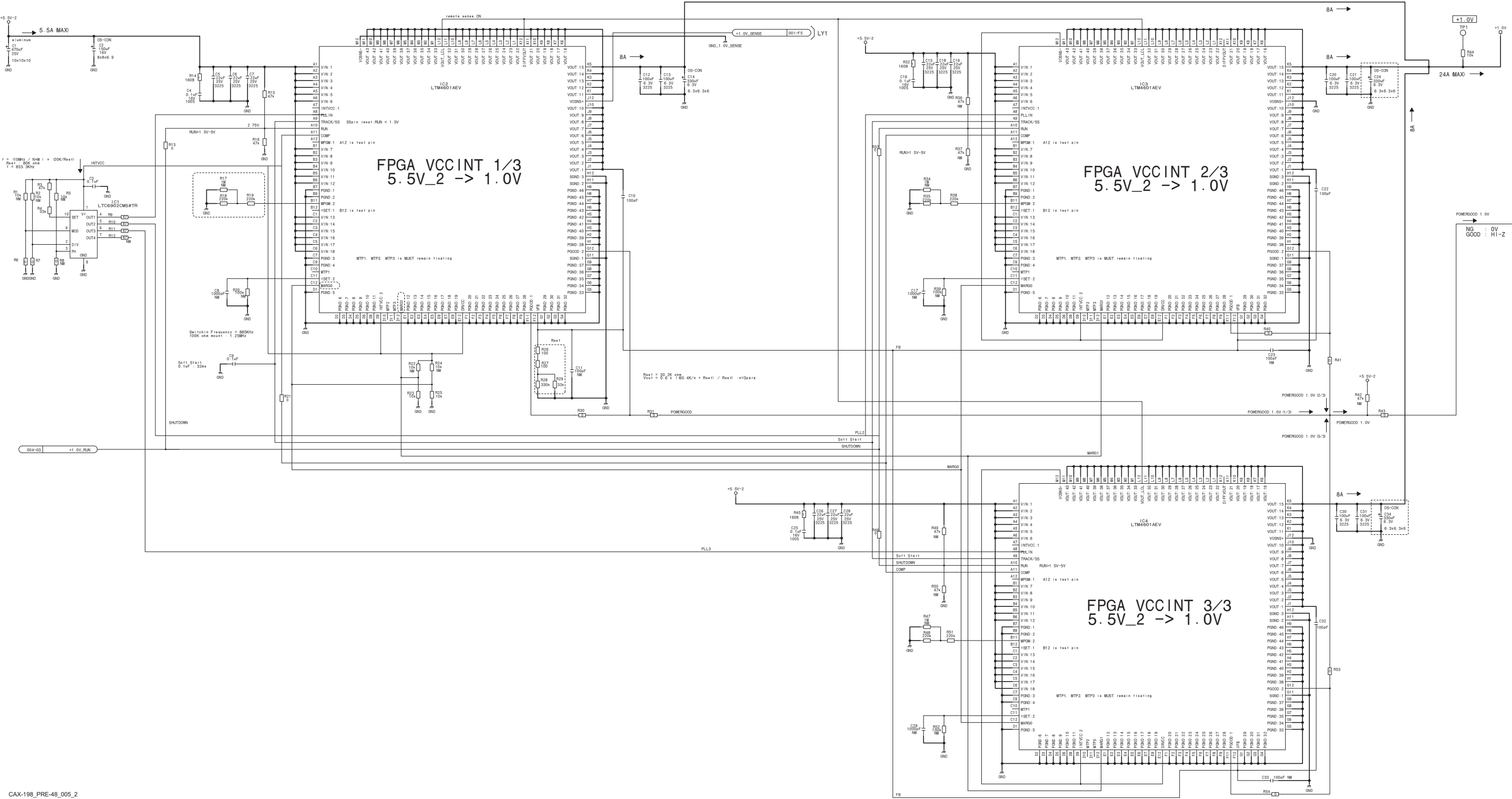


NET-11
BOARD NO. 1-885-648-11
CAX-198_NET-11_011_1

PRE-48
PRE-48 (1/4)

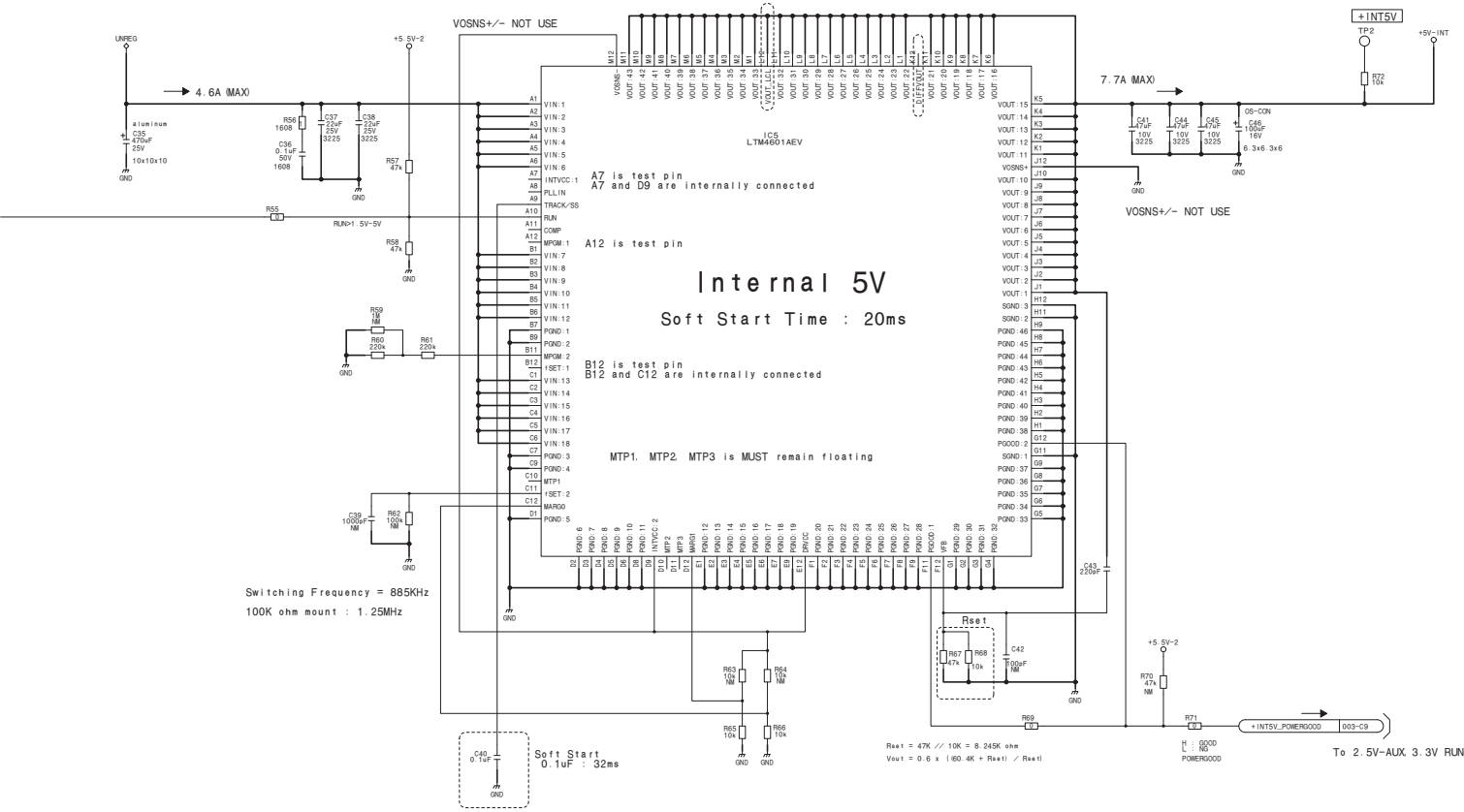


PRE-48 (2/4)_L



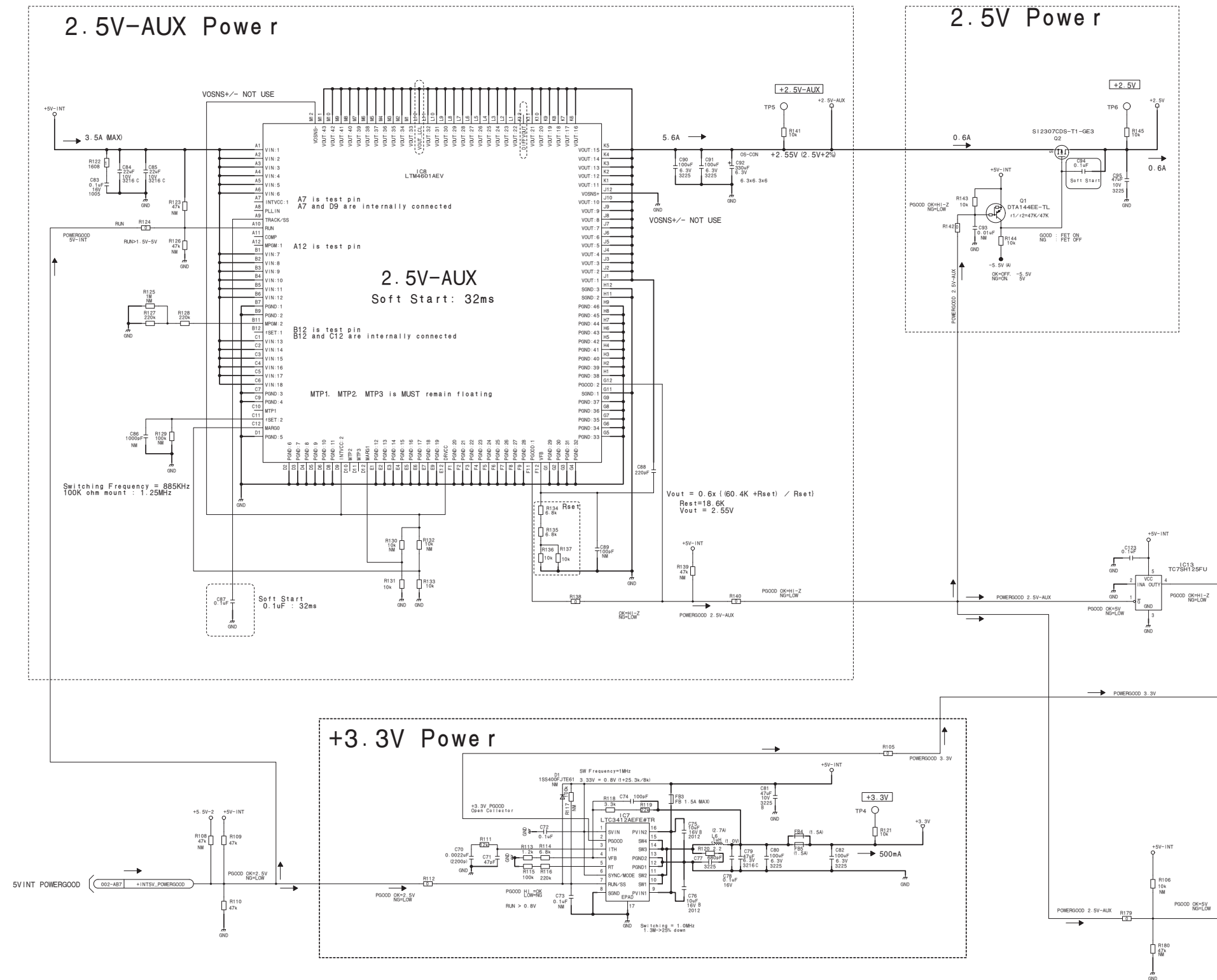
CAX-198_PRE-48_005_2

PRE-48 (2/4)_R



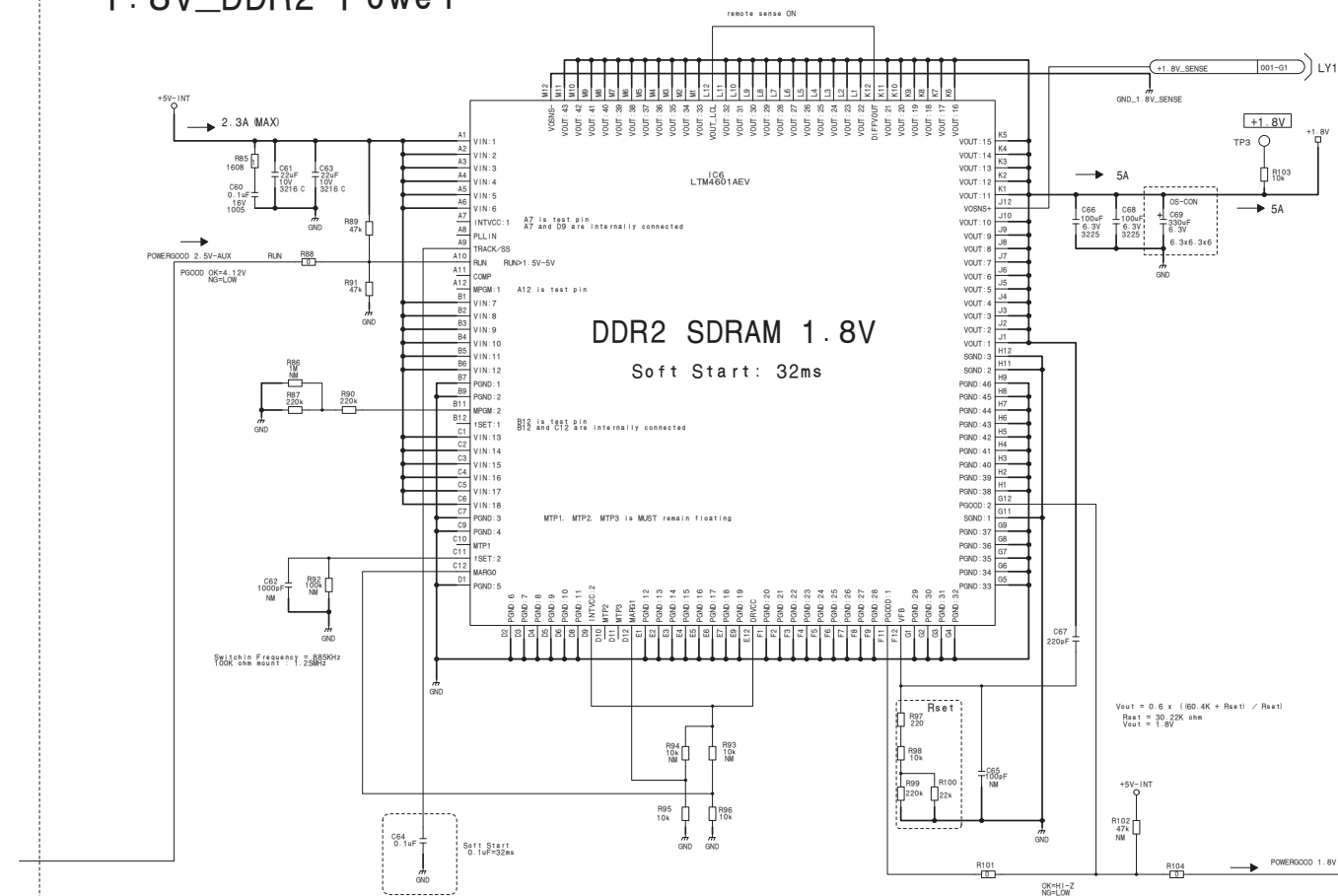
PRE-48 (2/4)
BOARD NO. 1-885-639-11
CAX-198_PRE-48_005_2

PRE-48 (3/4)_L

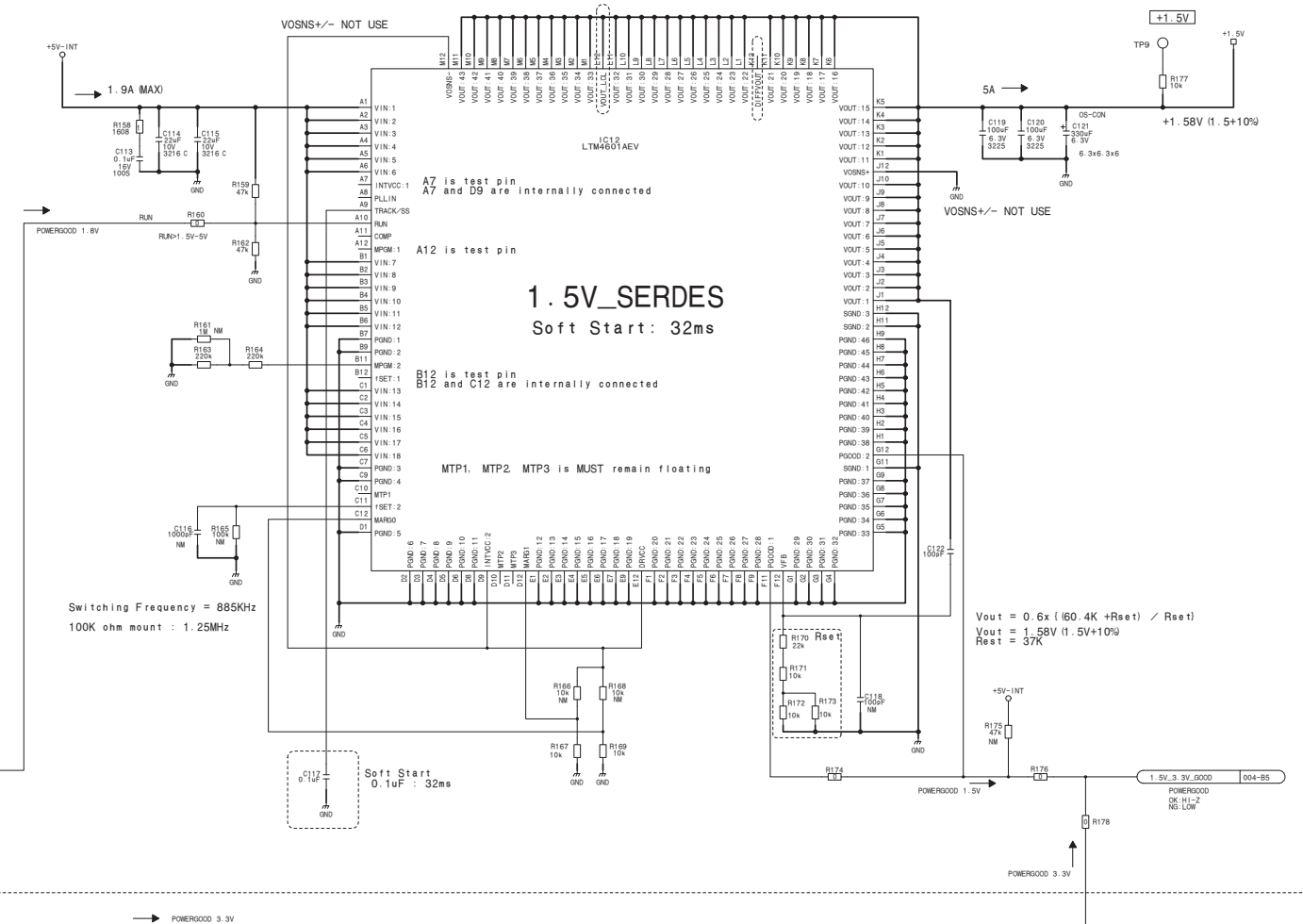


PRE-48 (3/4)_R

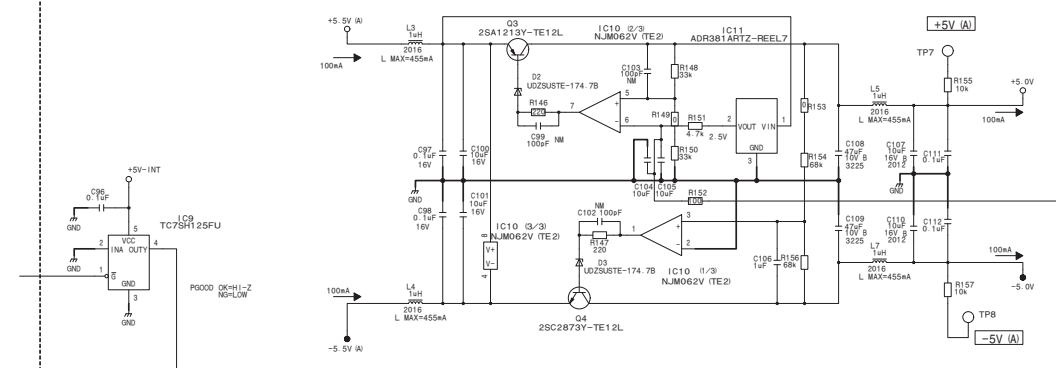
1.8V_DDR2 Power



1.5V Power

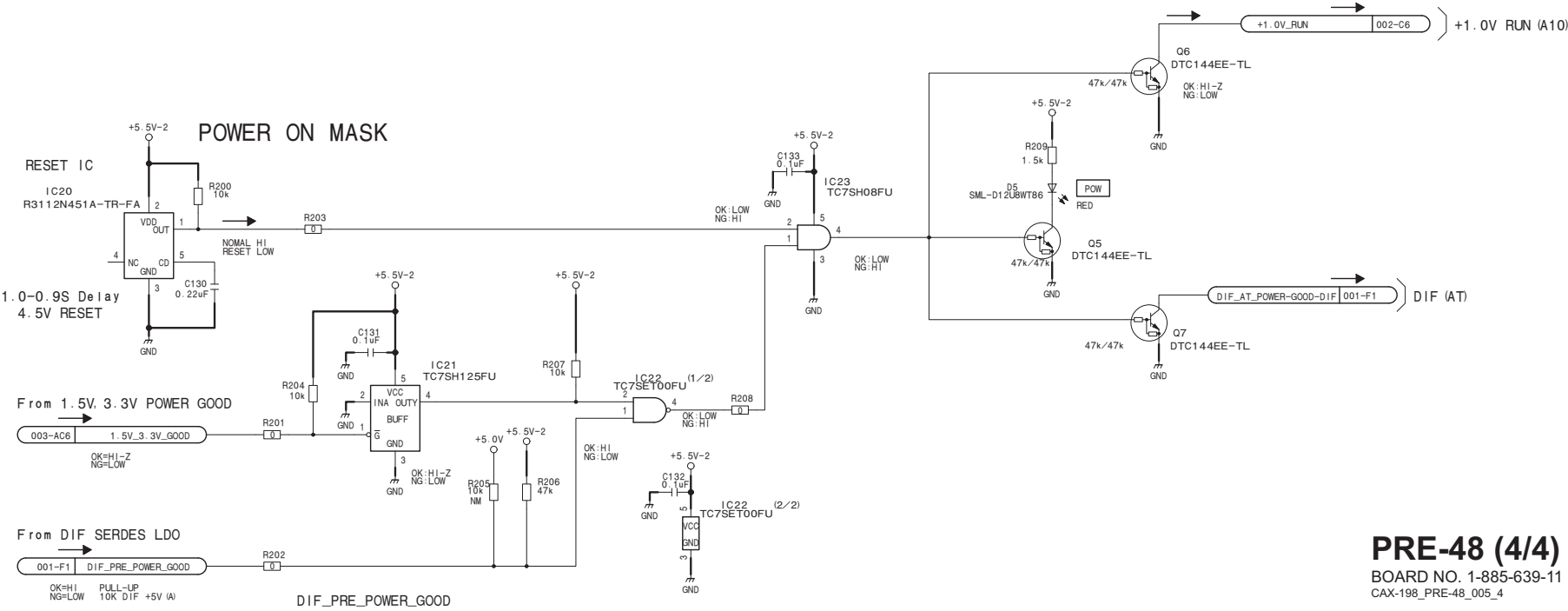


+5.0V -5.0V Analog Power Supply



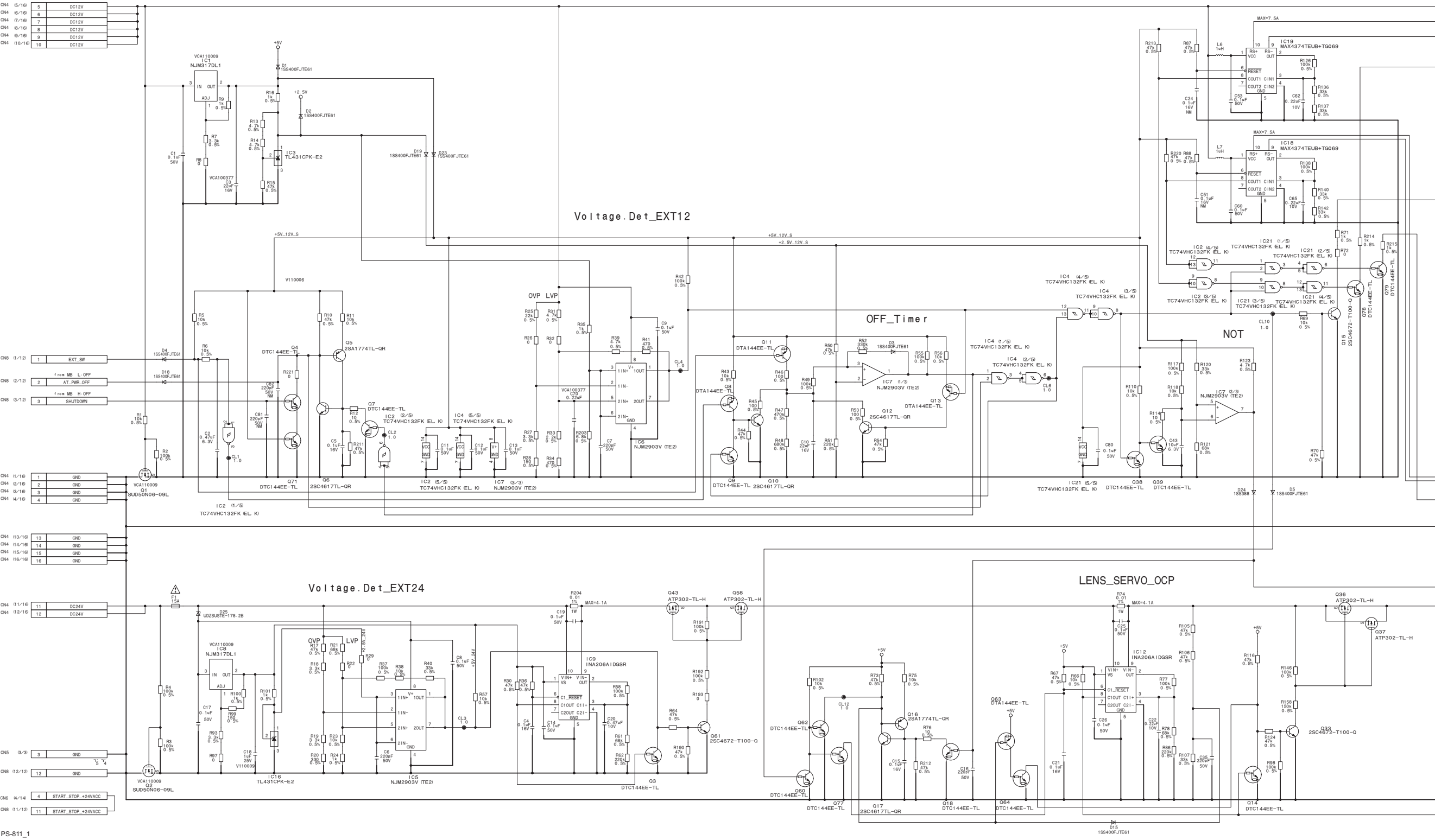
PRE-48 (3/4)
BOARD NO. 1-885-639-11
CAX-198_PRE-48_005_3

PRE-48 (4/4)



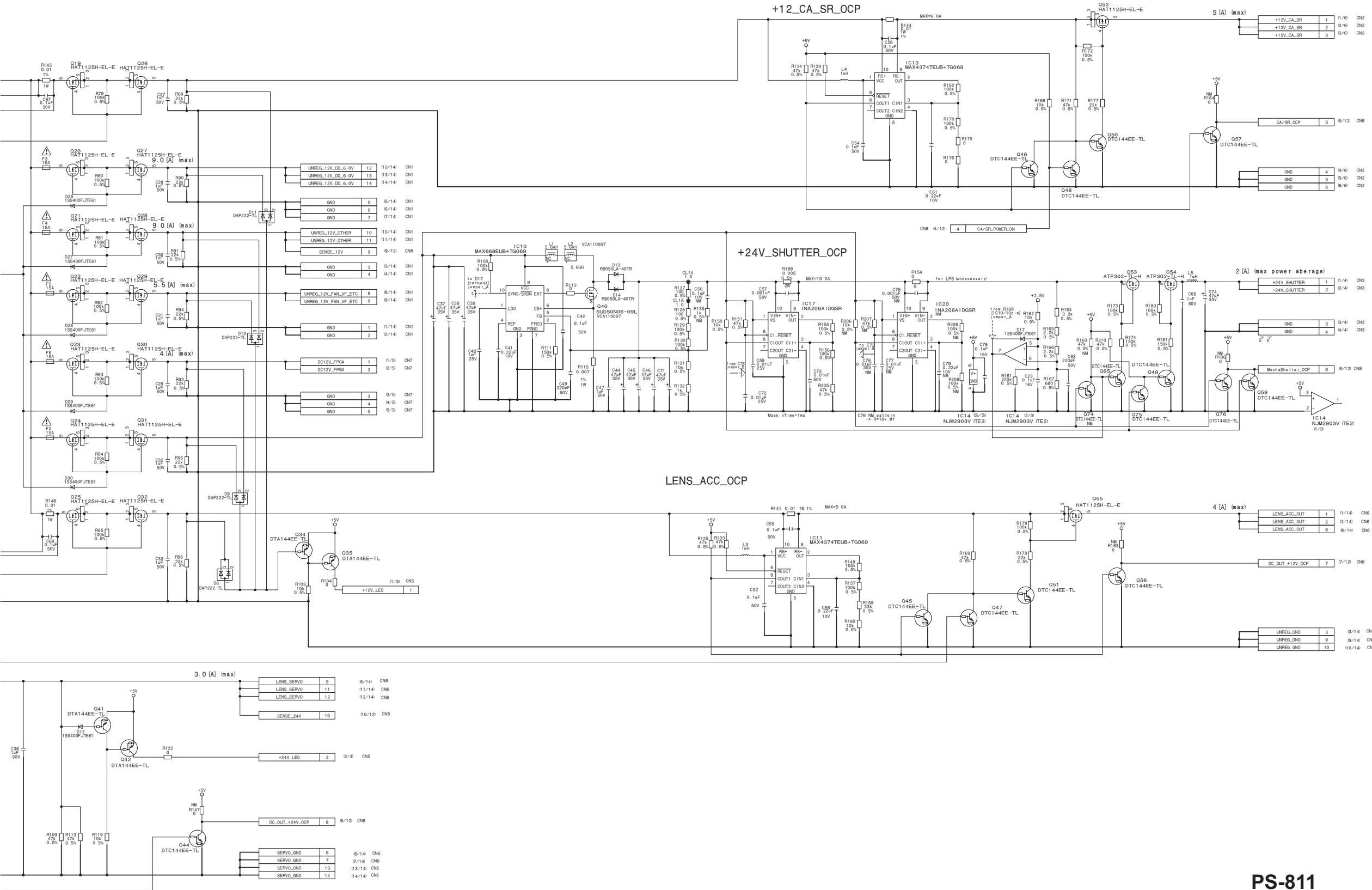
PRE-48 (4/4)
BOARD NO. 1-885-639-11
CAX-198_PRE-48_005_4

PS-811
PS-811_L



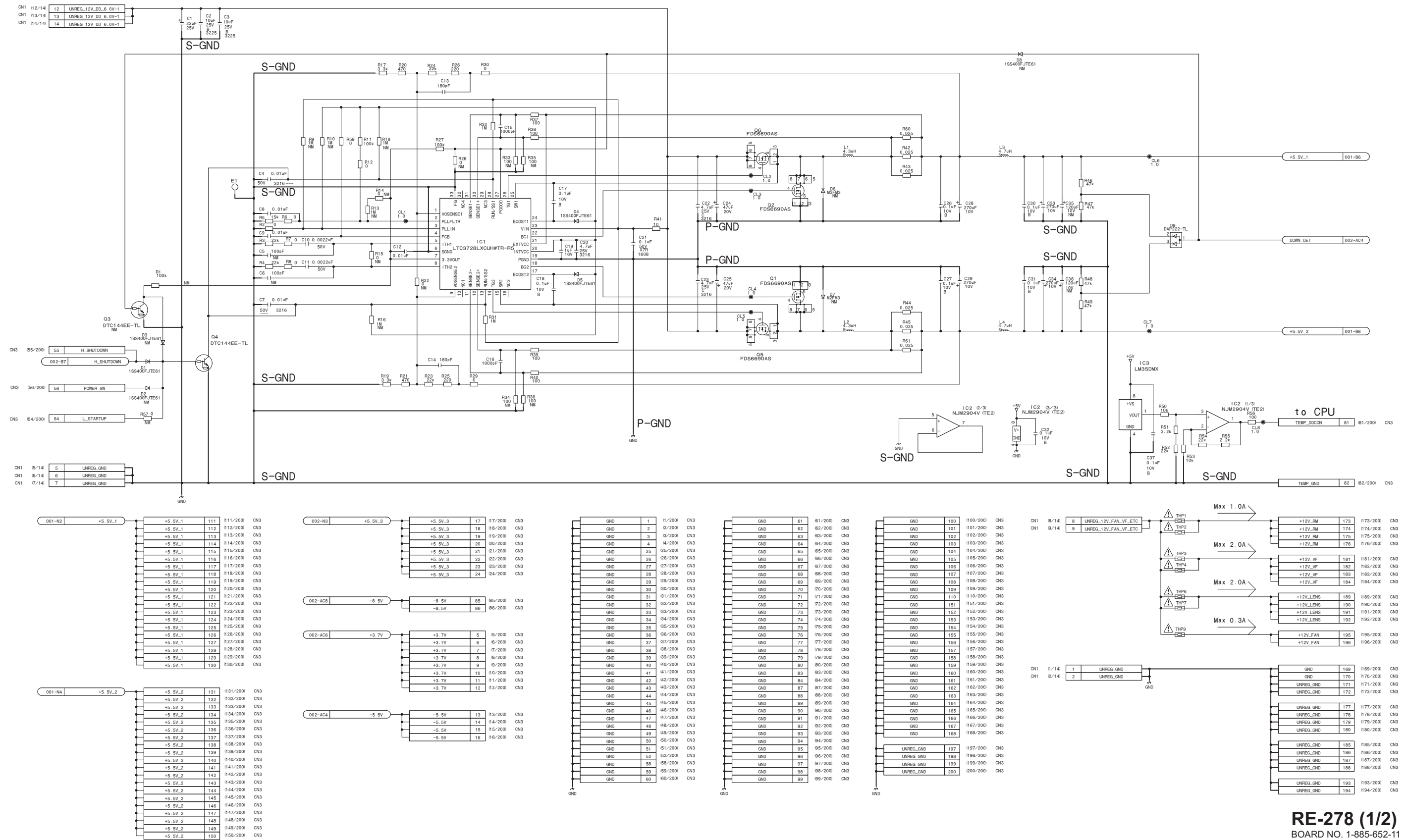
PS-811_1

PS-811_R

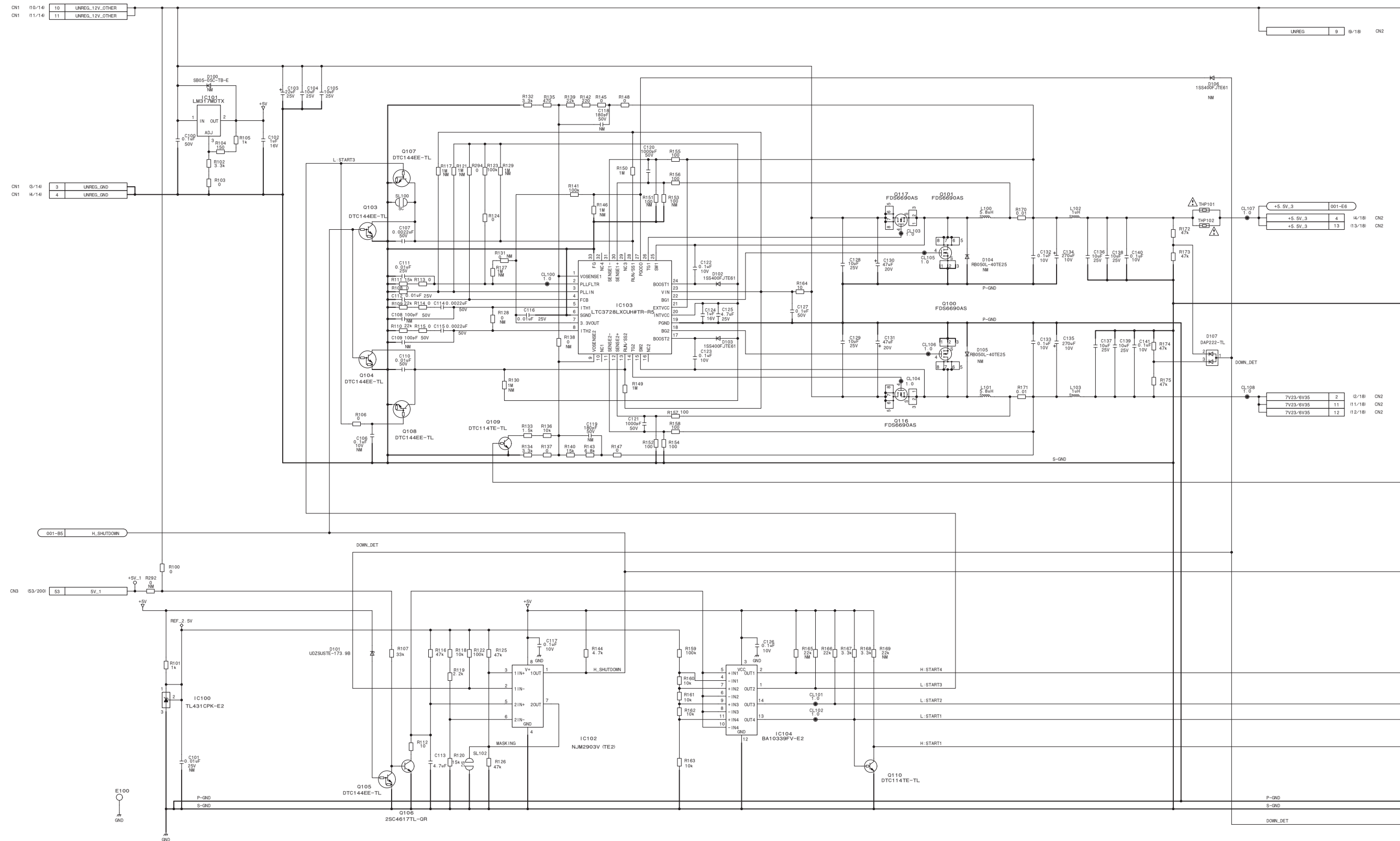


PS-811
BOARD NO. 1-885-655-11
PS-811_1

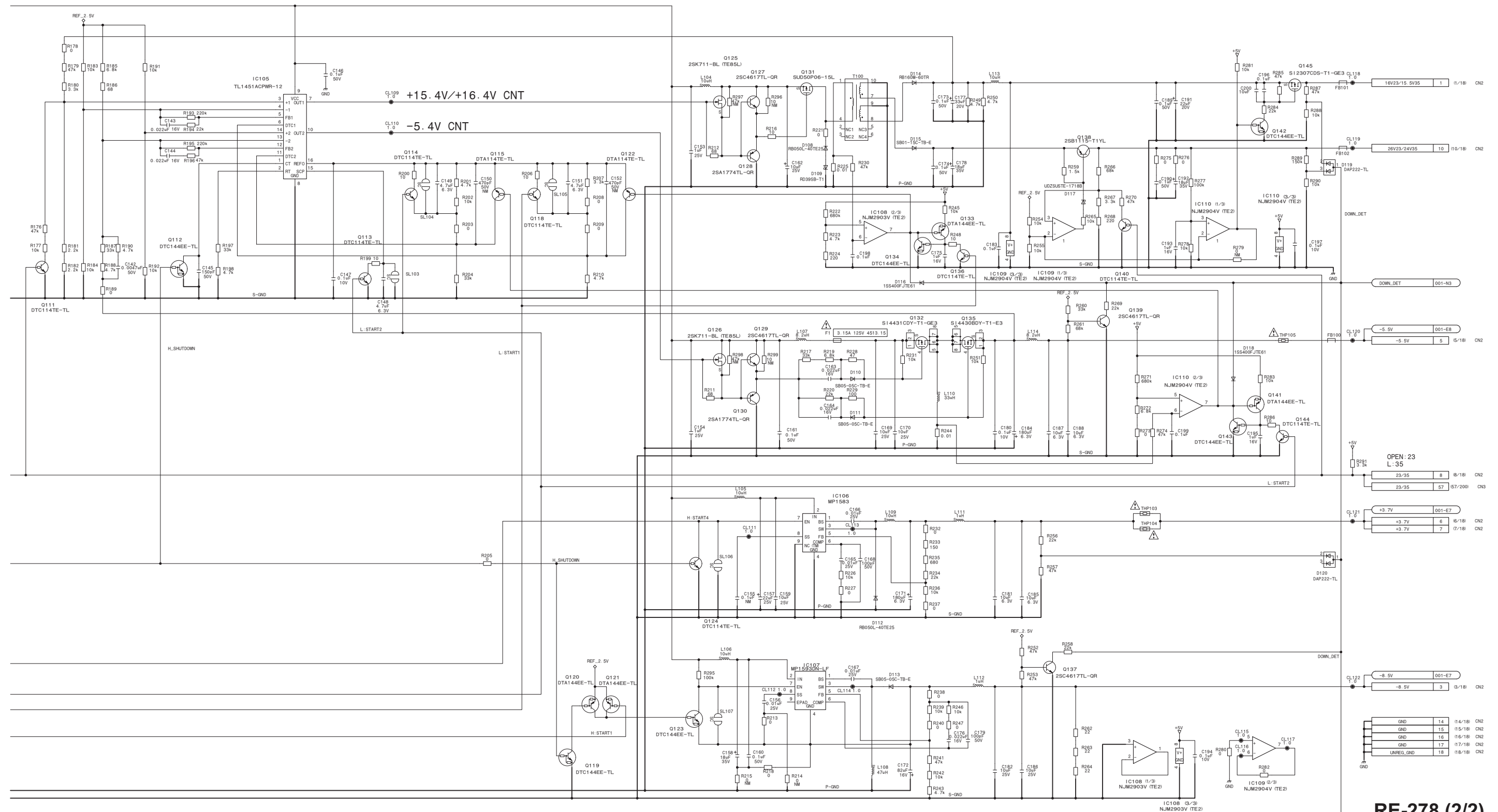
RE-278
RE-278 (1/2)



RE-278 (2/2)_L

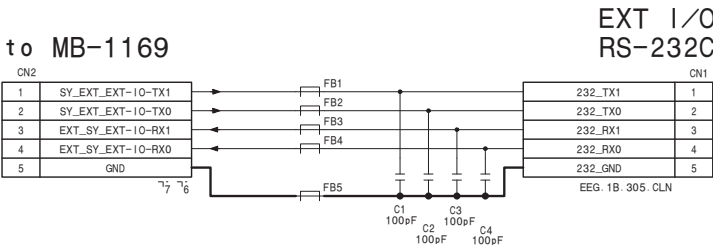


RE-278 (2/2)_R

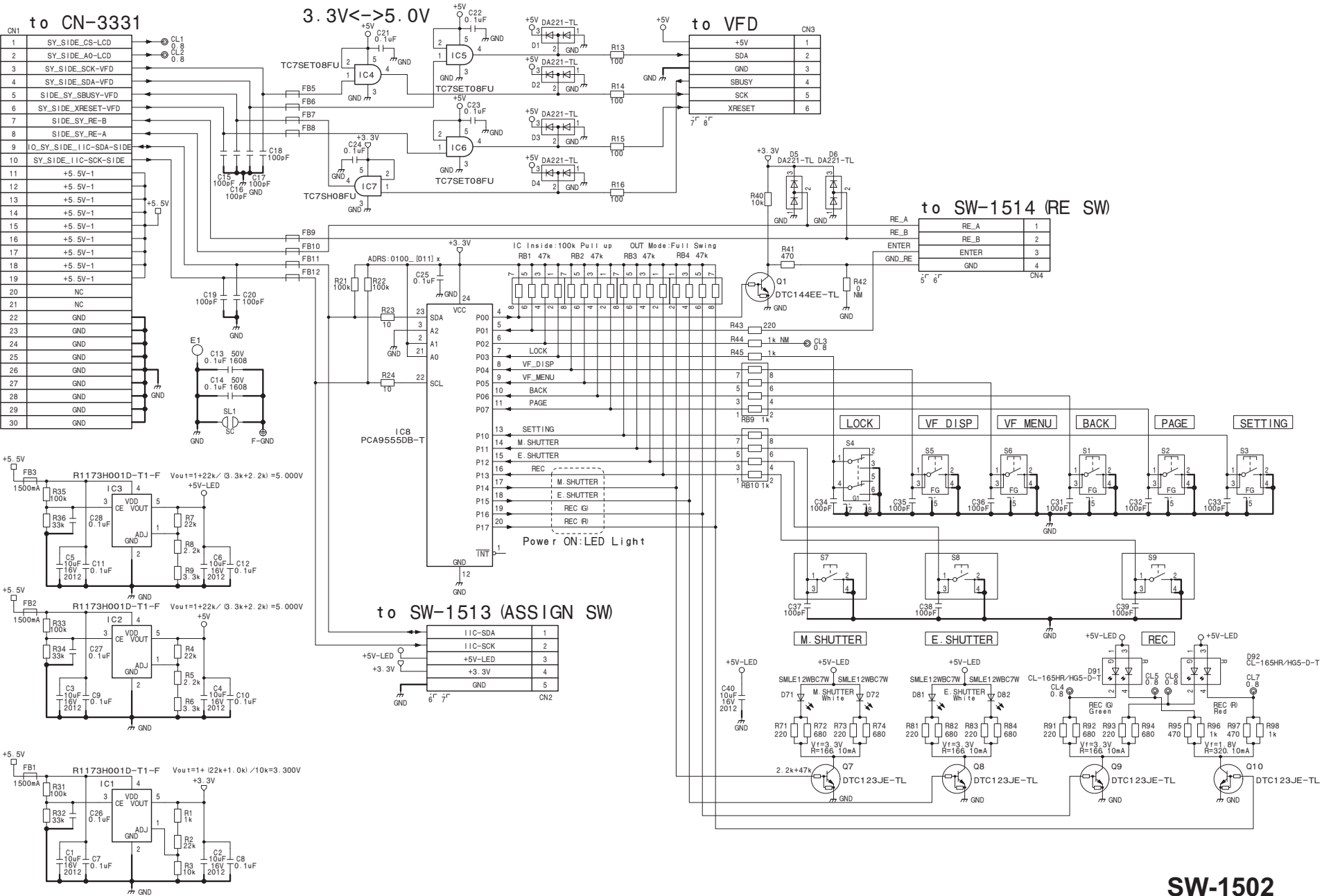


RE-278 (2/2)
BOARD NO. 1-885-652-11
RE-278_2

SIO-32

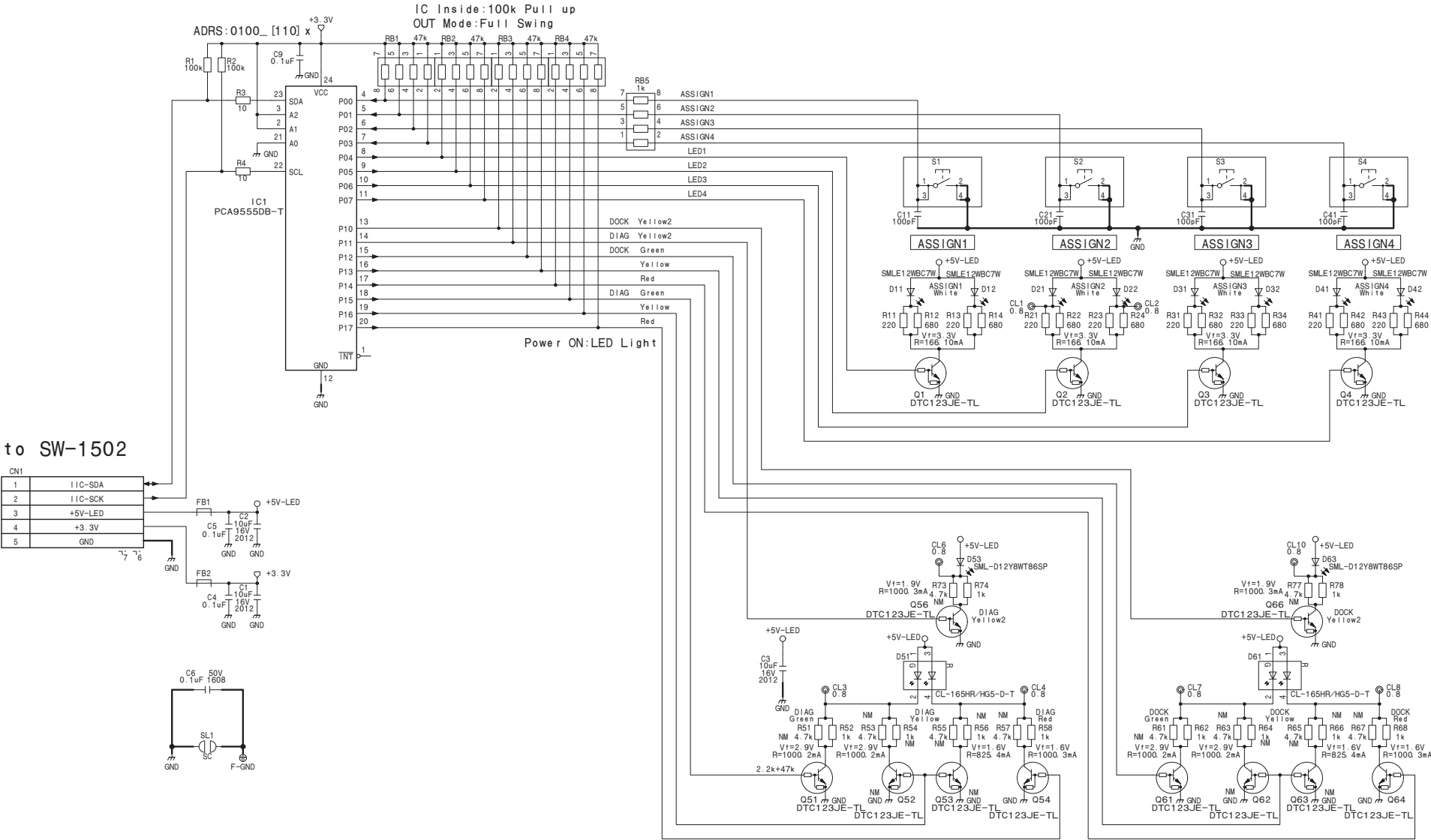


SIO-32
BOARD NO. 1-885-643-11
CAX-198_SIO-32_011_1



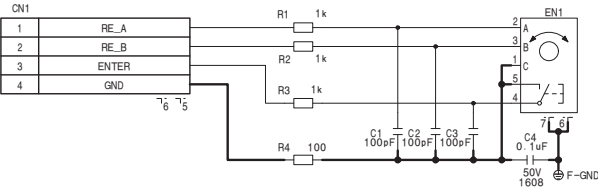
SW-1502

BOARD NO. 1-885-650-11
CAX-198_SW-1502_011_1



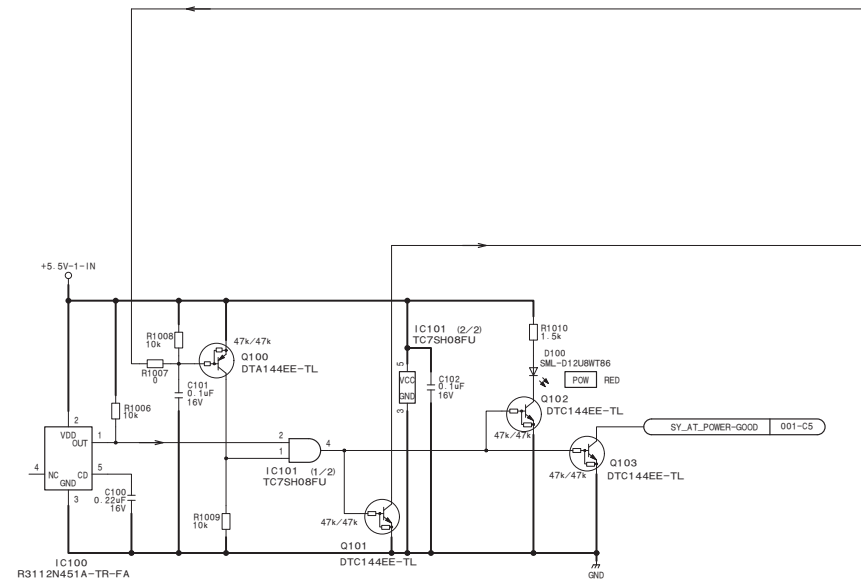
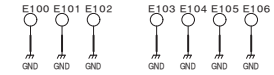
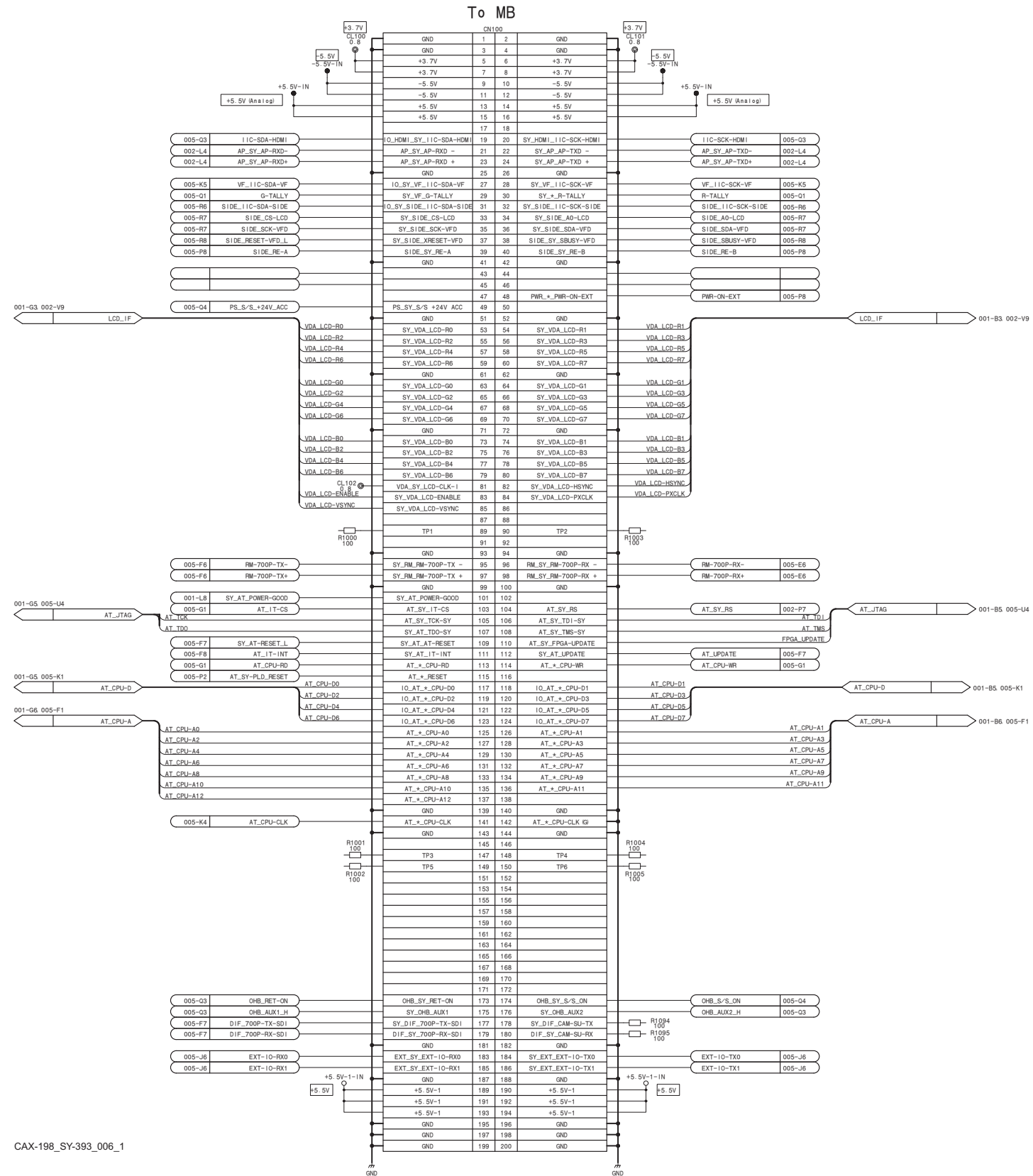
SW-1514

to SW-1502

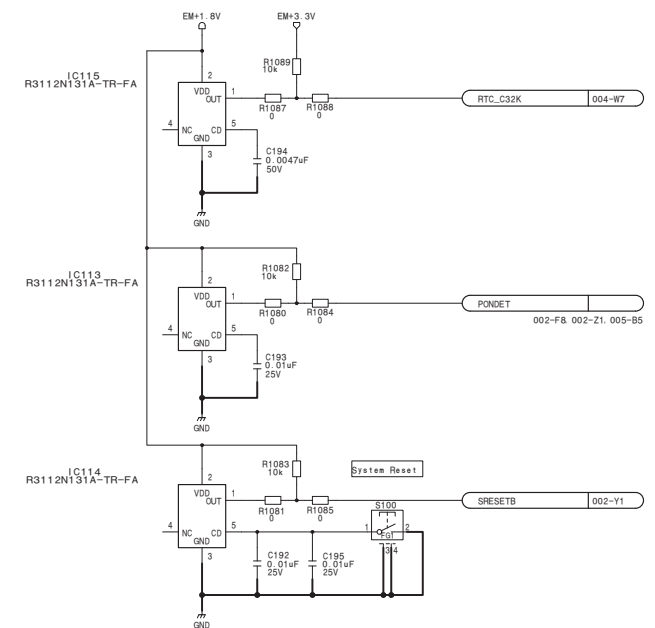
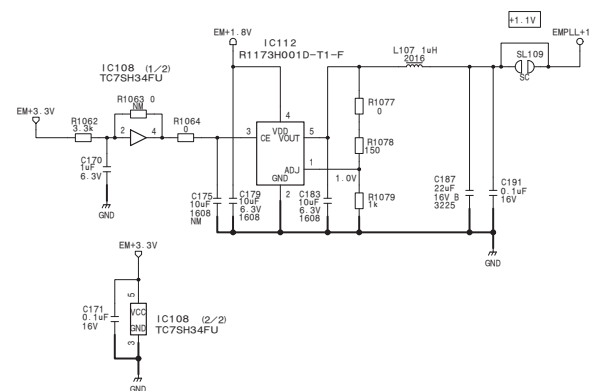
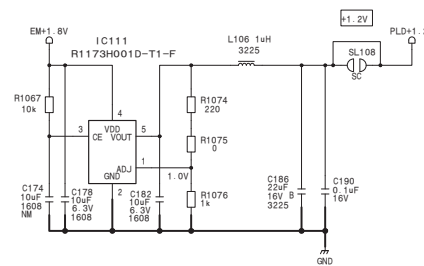
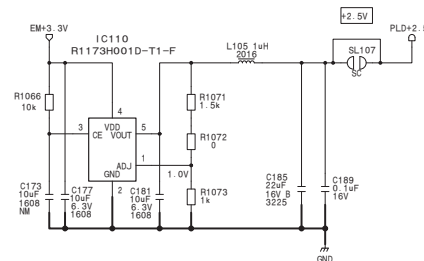
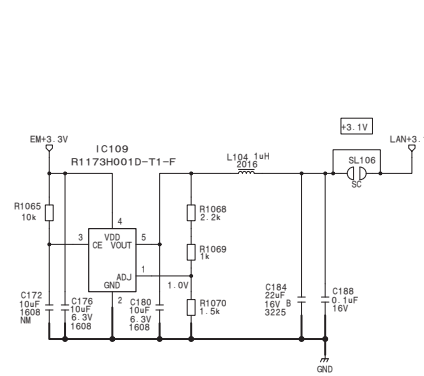
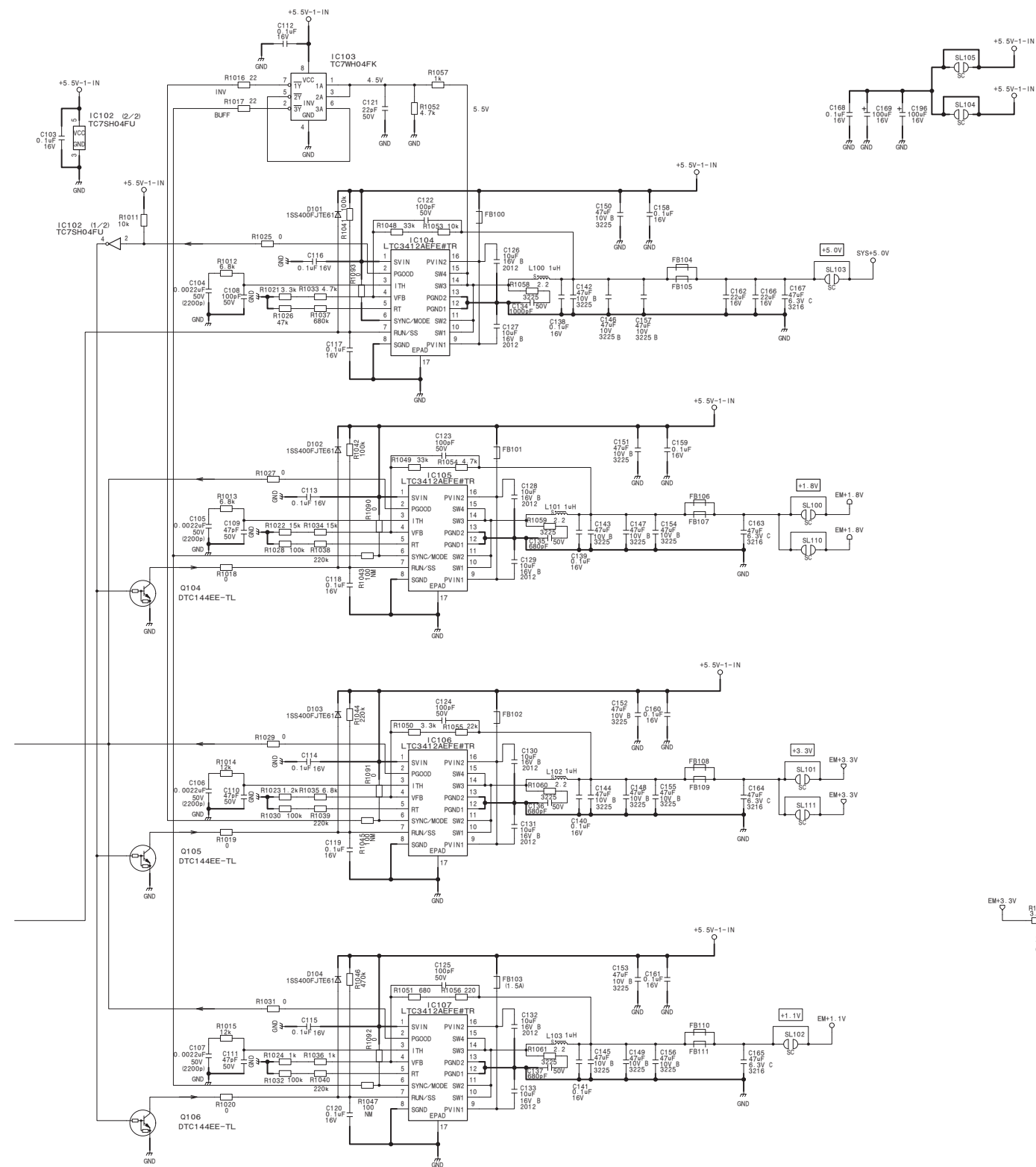


SW-1514
BOARD NO. 1-885-644-11
CAX-198_SW-1514_011_1

SY-393
SY-393 (1/5)_L

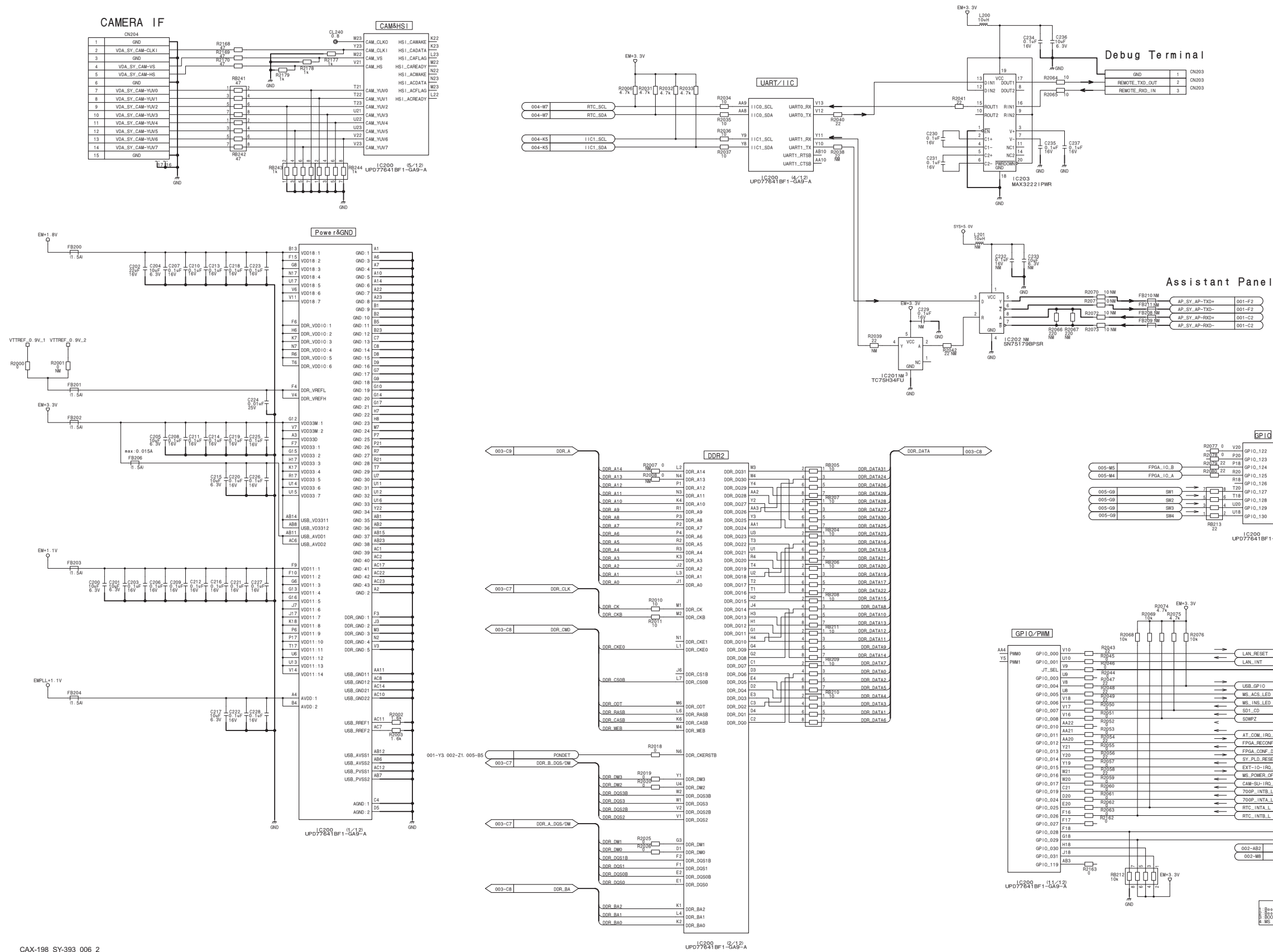


SY-393 (1/5)_R

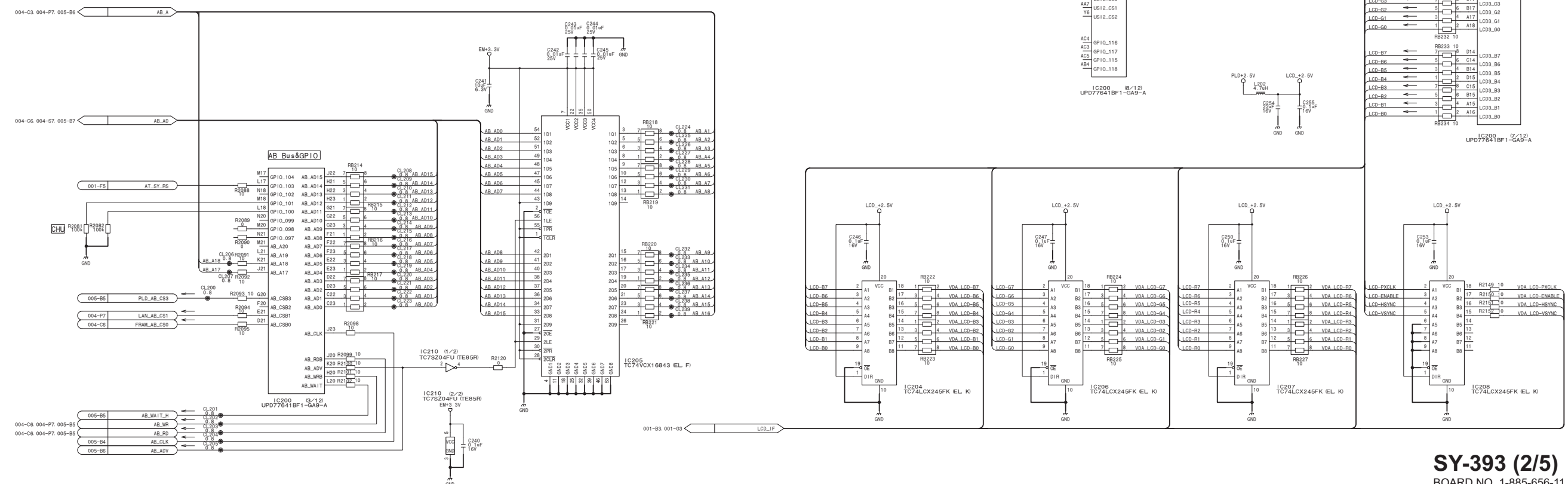
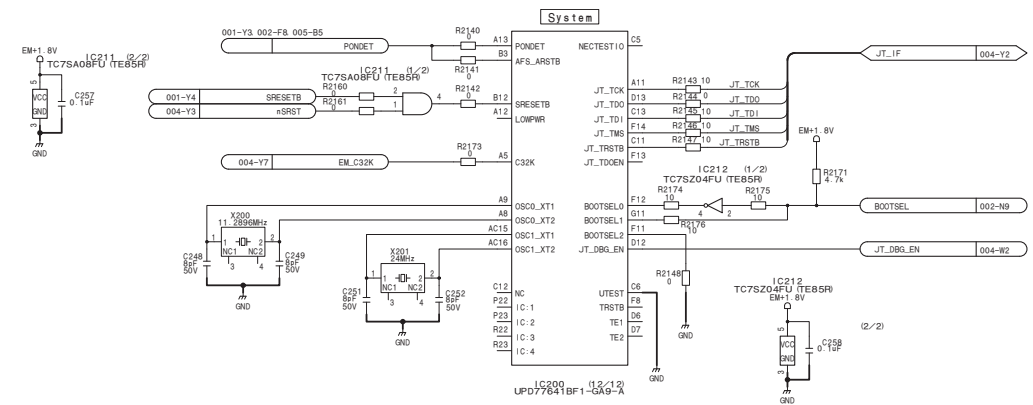
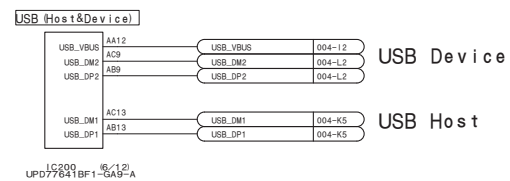
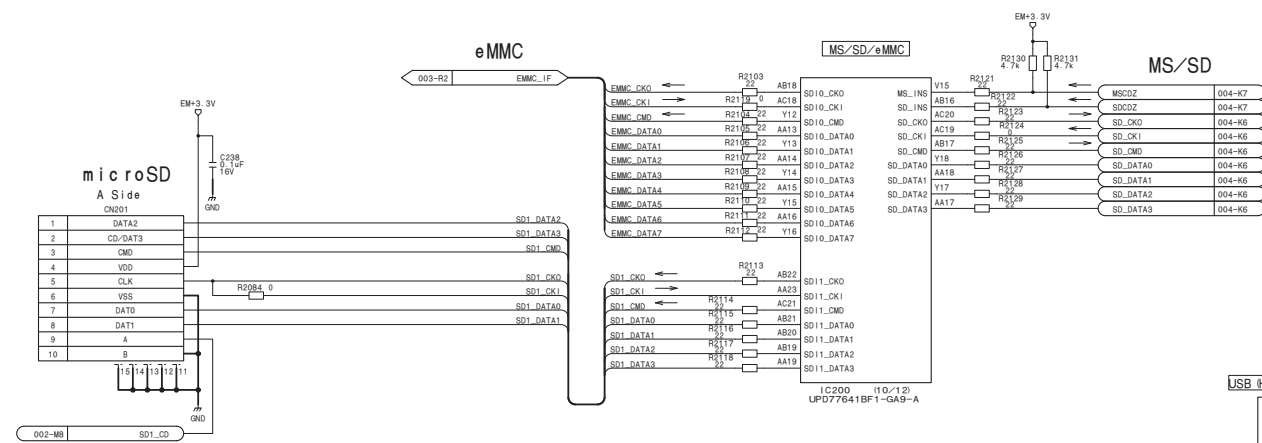


SY-393 (1/5)
BOARD NO. 1-885-656-11

SY-393 (2/5)_L

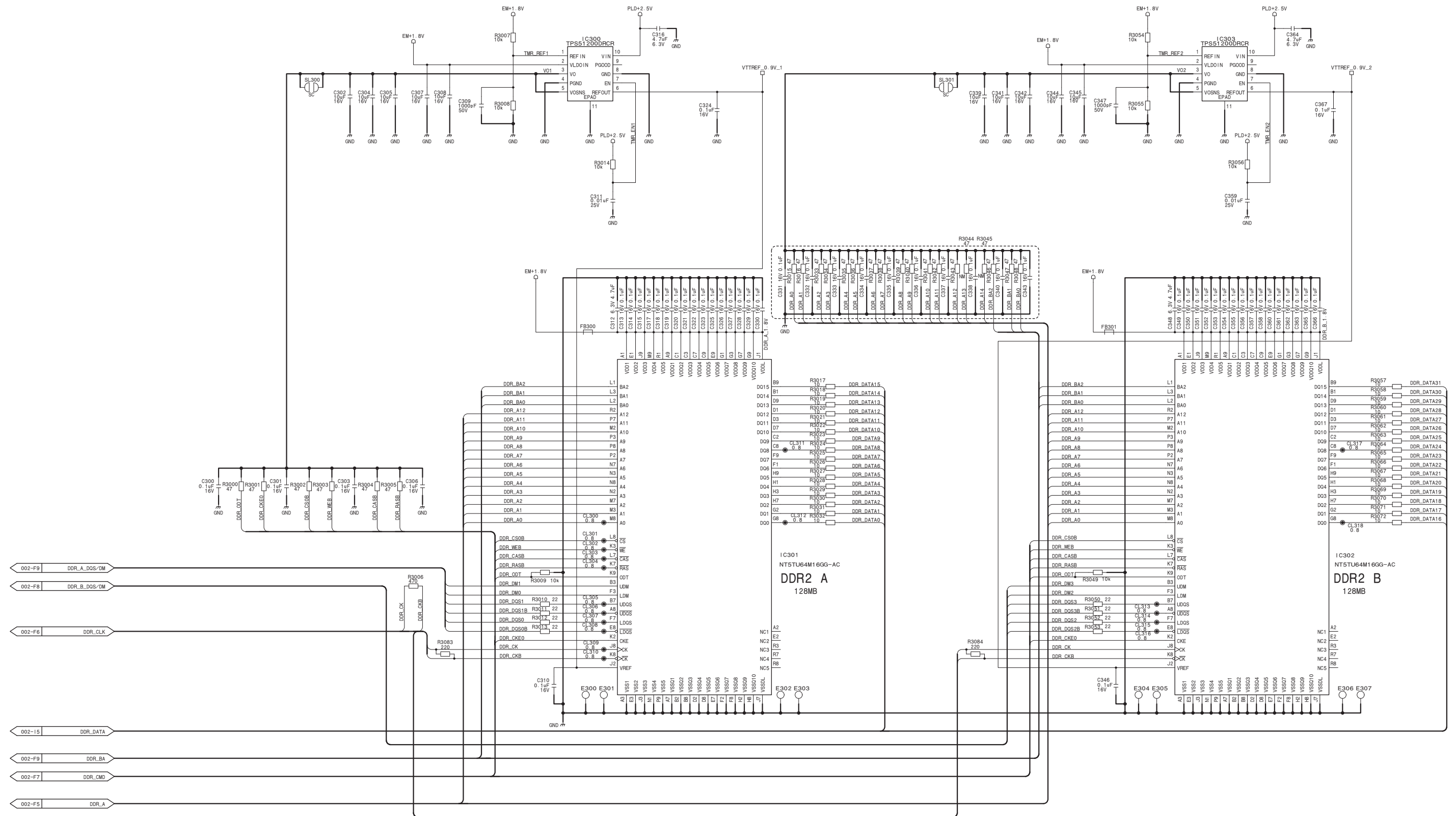


SY-393 (2/5)_R



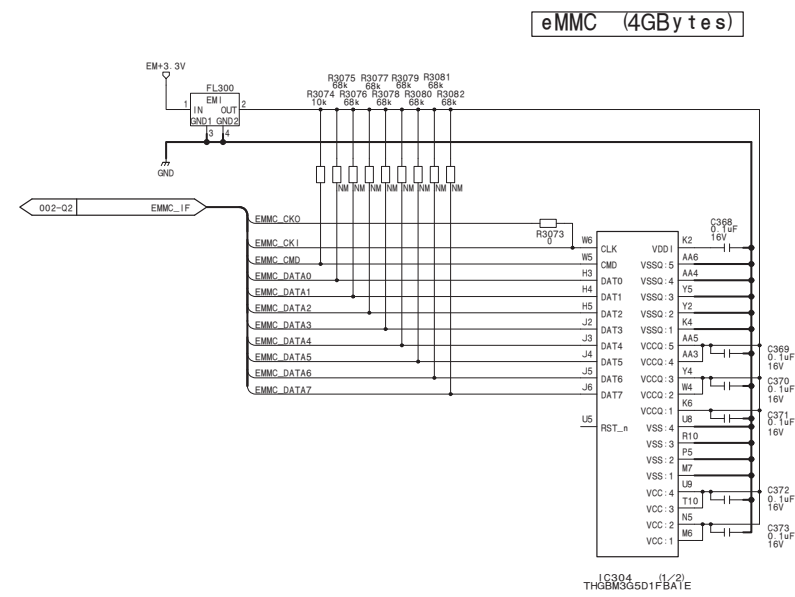
SY-393 (2/5)
BOARD NO. 1-885-656-11
CAX-198_SY-393_006_2

SY-393 (3/5)_L



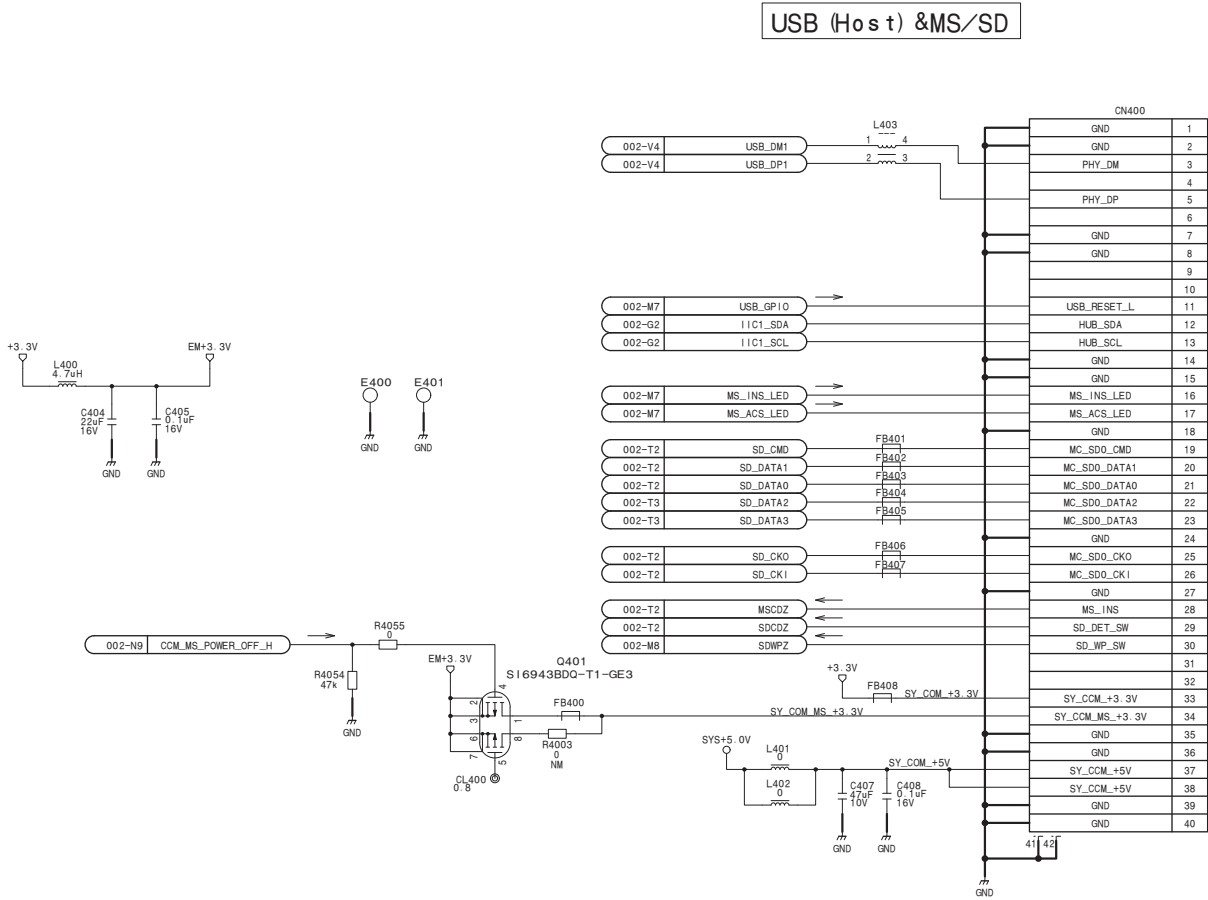
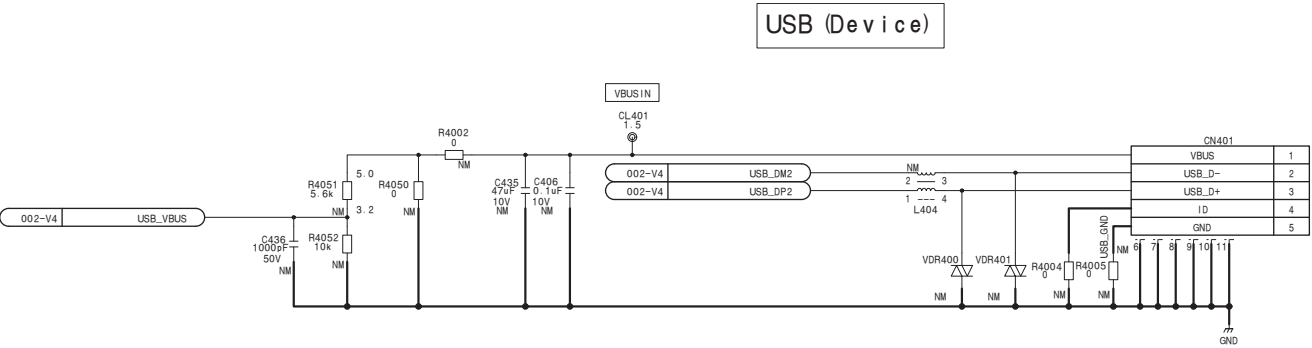
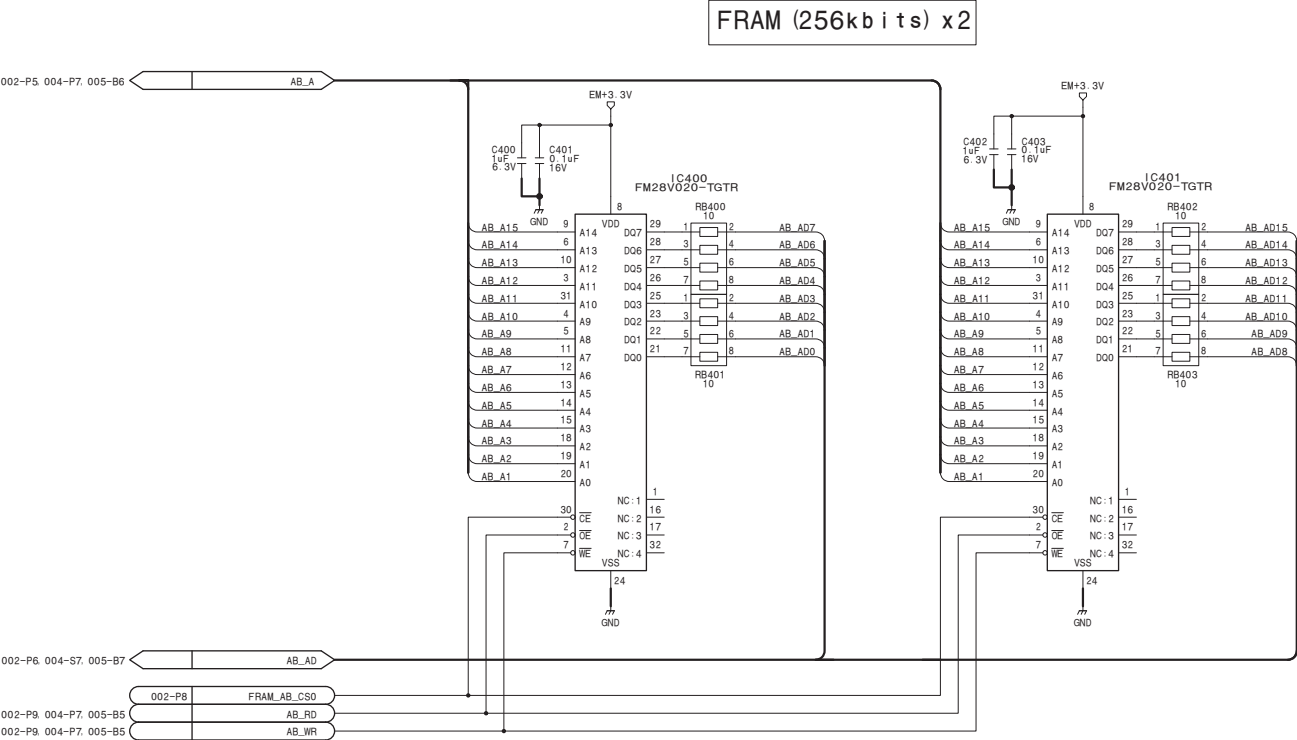
CAX-198_SY-393_006_3

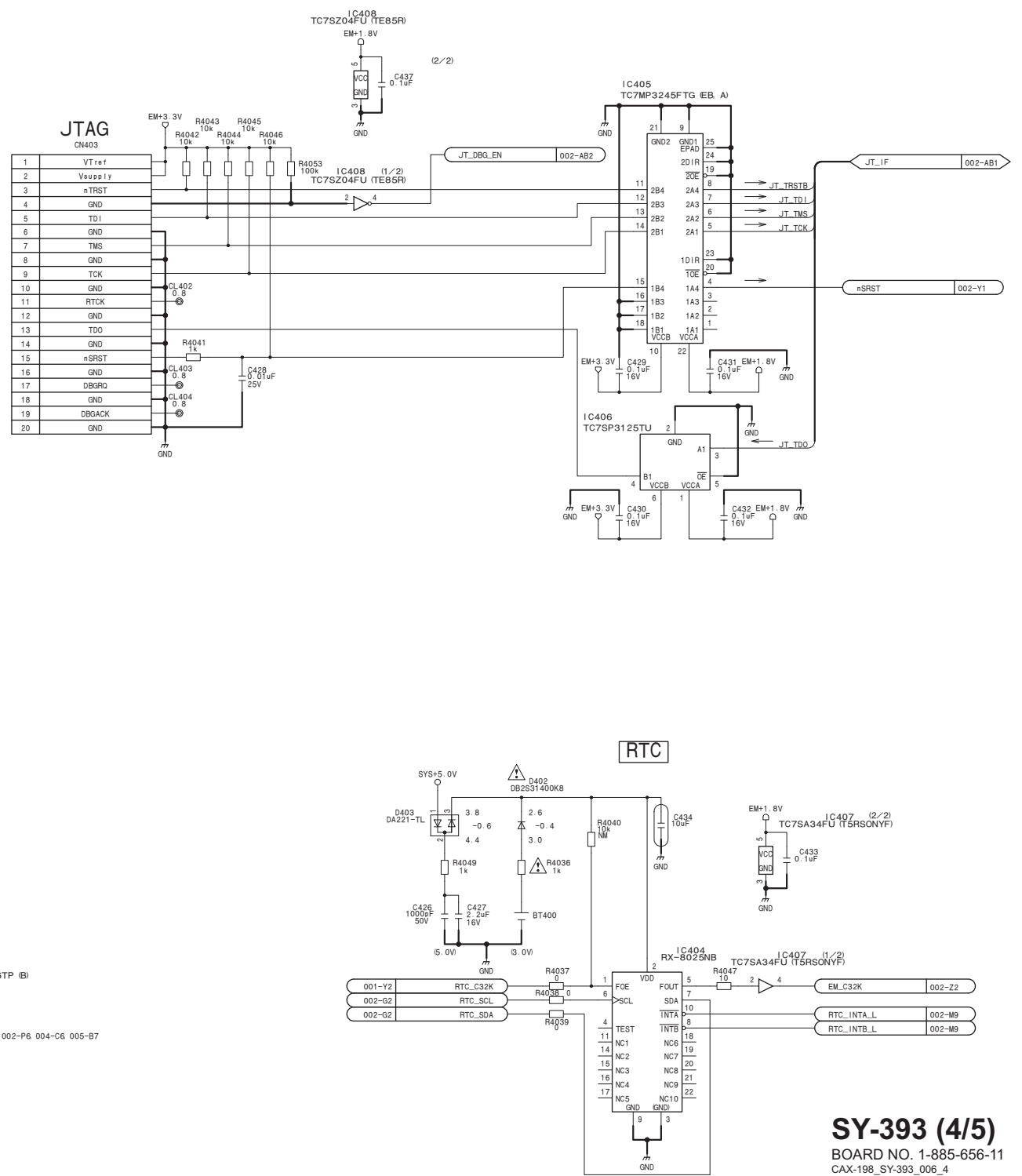
SY-393 (3/5)_R



A6	NC-1	NC	106	Y14
A8	NC-2	NC	105	Y12
A9	NC-3	NC	104	Y11
A11	NC-4	NC	103	Y10
B1	NC-5	NC	102	Y9
B2	NC-6	NC	101	Y8
D1	NC-7	NC	100	Y7
H1	NC-8	NC	99	Y6
H2	NC-9	NC	98	Y5
H8	NC-11	NC	96	Y1
H9	NC-12	NC	95	Y2
H10	NC-13	NC	94	Y3
H11	NC-14	NC	93	Y4
H12	NC-15	NC	92	Y5
I1	NC-16	NC	91	Y6
J1	NC-17	NC	90	Y7
J7	NC-18	NC	89	Y8
J8	NC-19	NC	88	Y9
J9	NC-20	NC	87	Y10
J10	NC-21	NC	86	Y11
J11	NC-22	NC	85	Y12
J12	NC-23	NC	84	Y13
J13	NC-24	NC	83	Y14
K1	NC-25	NC	82	Y1
K11	NC-26	NC	81	Y2
K12	NC-27	NC	80	Y3
K3	NC-28	NC	79	Y4
K7	NC-29	NC	78	Y5
K8	NC-30	NC	77	Y6
K10	NC-31	NC	76	Y7
K11	NC-32	RFU-15	U7	
K12	NC-33	RFU-13	U6	
K13	NC-34	RFU-13	U5	
K14	NC-35	RFU-15	U4	
L1	NC-36	NC	74	Y2
L11	NC-37	NC	73	Y3
L3	NC-38	NC	72	Y4
L4	NC-39	NC	71	Y5
L12	NC-40	RFU-12	T5	
L13	NC-42	RFU-11	T6	
M1	NC-43	RFU-9	P10	
M2	NC-44	RFU-9	P9	
M3	NC-45	RFU-9	M10	
M12	NC-46	RFU-9	M9	
M13	NC-47	RFU-6	M8	
M14	NC-48	RFU-6	M7	
N1	NC-49	RFU-4	K5	
N2	NC-50	RFU-2	K6	
N12	NC-51	RFU-1	H7	
N13	NC-53	NC	122	AA1
N14	NC-54	NC	121	AA2
P1	NC-55	NC	120	AA3
P2	NC-56	NC	119	AA4
P3	NC-57	NC	118	AA5
P11	NC-58	NC	117	AA6
P12	NC-59	NC	116	AA7
R1	NC-60	NC	115	AA8
R2	NC-61	NC	114	AA9
R3	NC-62	NC	113	AA1
R12	NC-63	NC	112	AA1
R13	NC-64	NC	111	AA1
R14	NC-65	RFU-17	A9	
T1	NC-66	NC	110	A8
T2	NC-67	NC	109	A7
T3	NC-68	NC	108	AA2
T5	NC-69	NC	108	AA7
				AA1

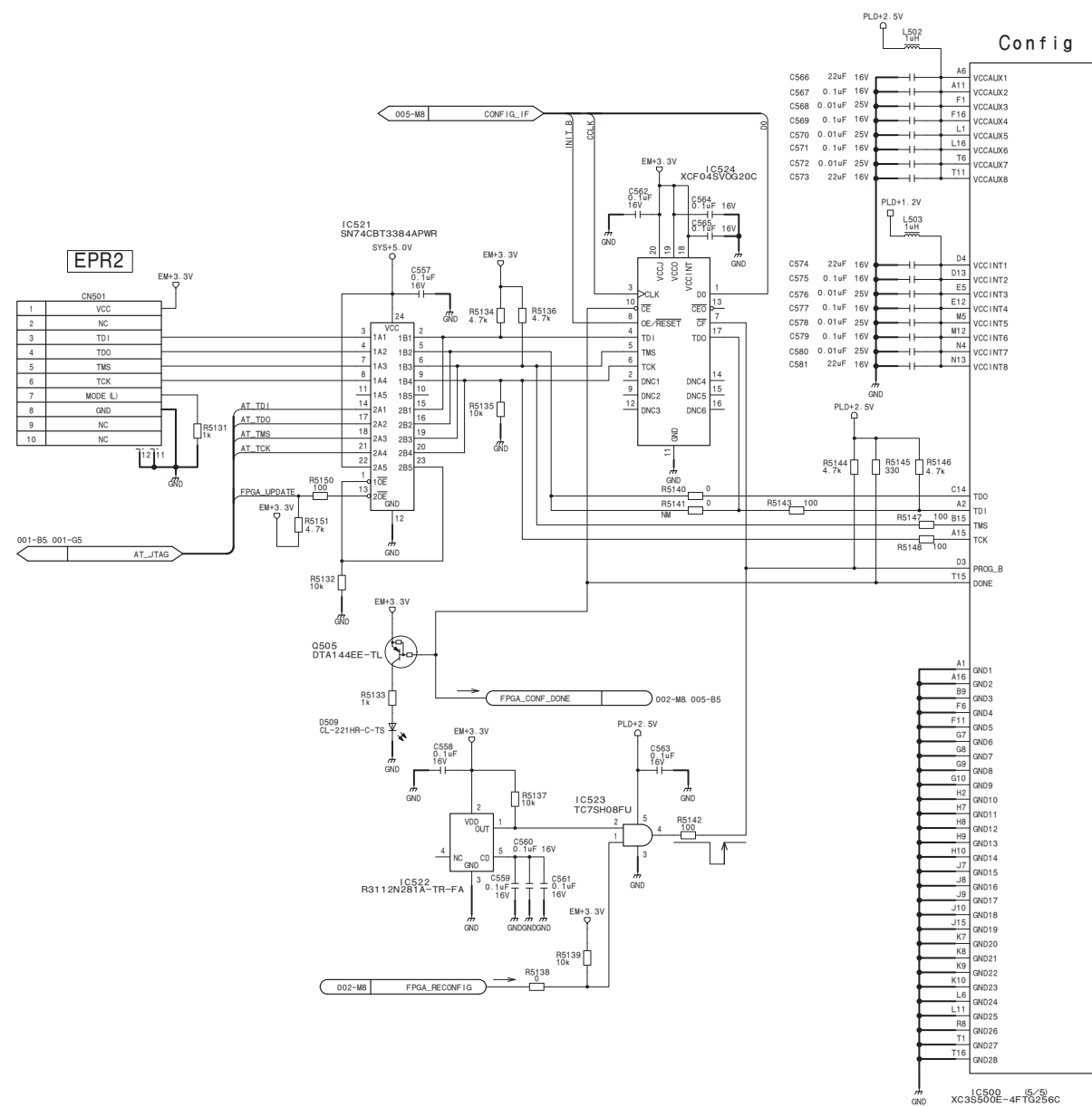
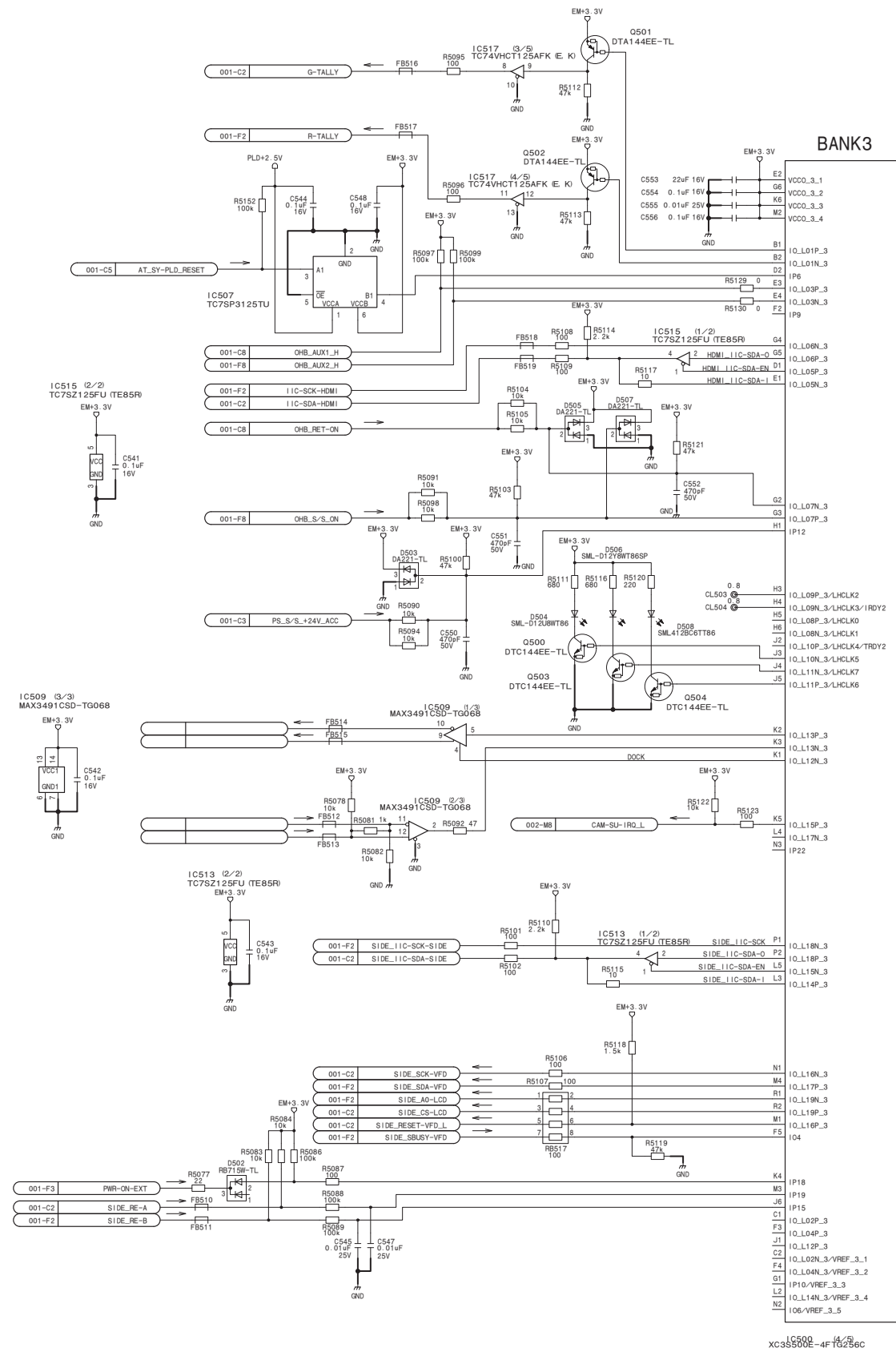
SY-393 (3/5)
BOARD NO. 1-885-656-11
CAX-198_SY-393_006_3





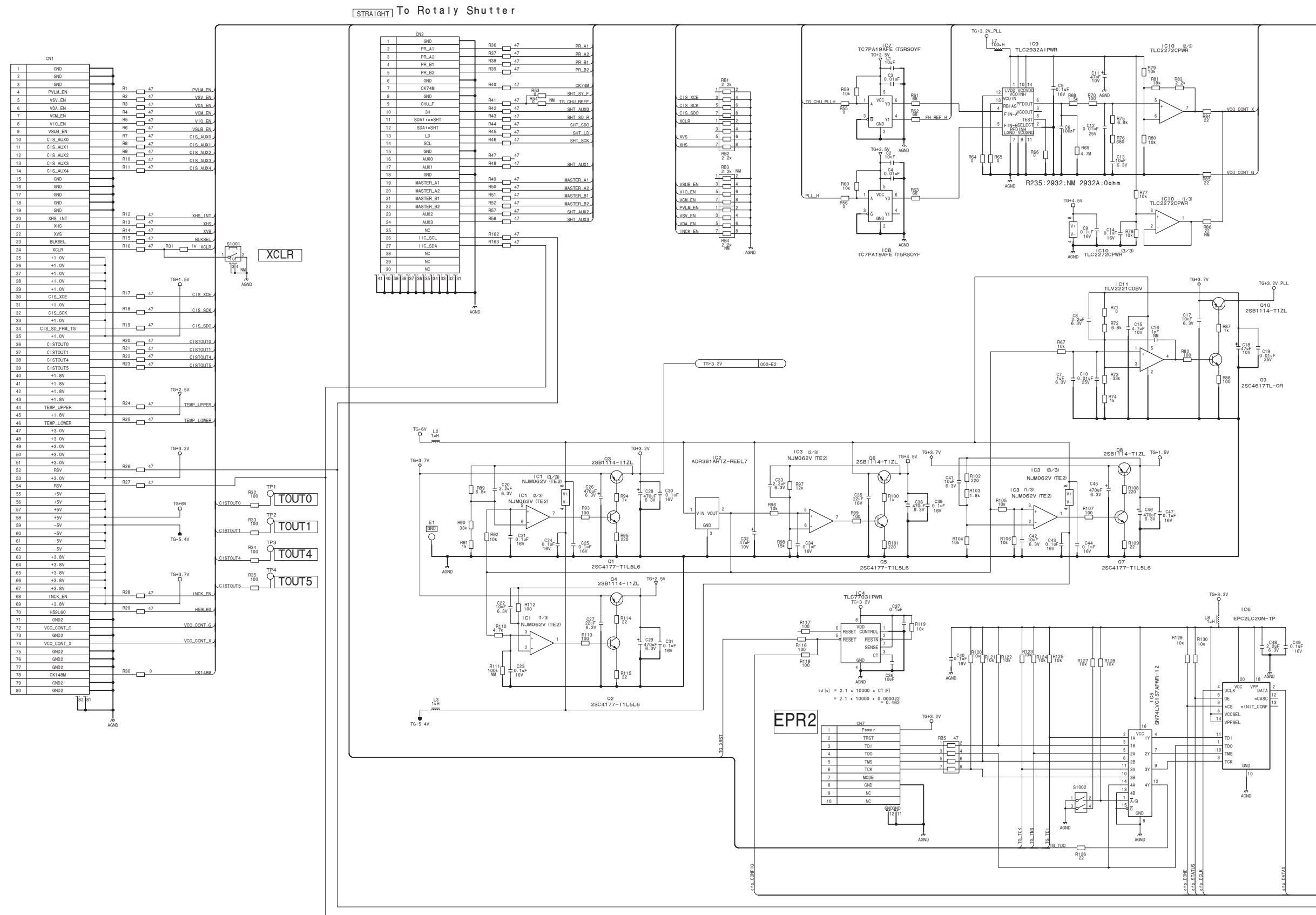


SY-393 (5/5)_R



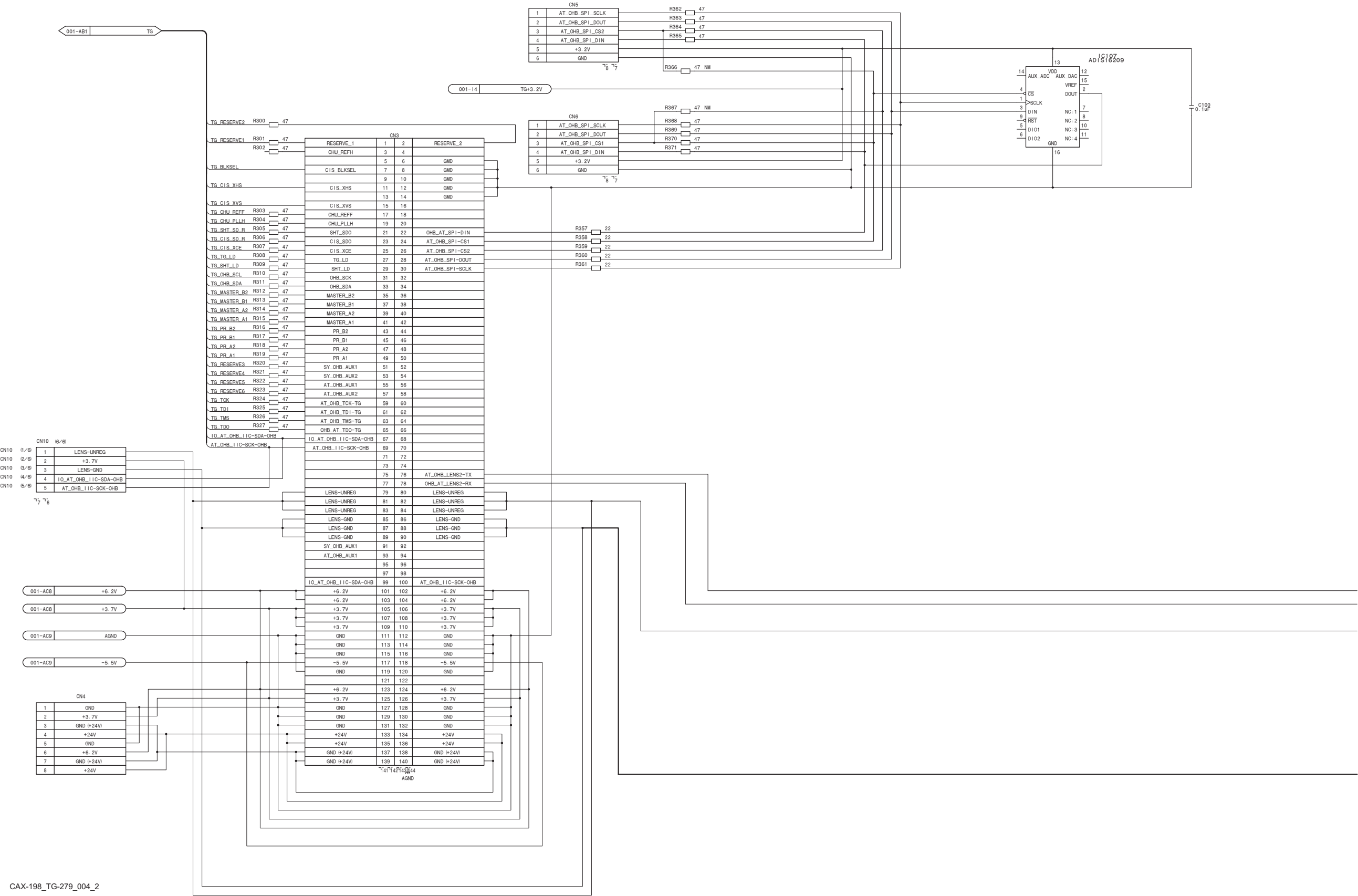
SY-393 (5/5)
BOARD NO. 1-885-656-11
CAX-198_SY-393_006_5

TG-279
TG-279 (1/2)_L

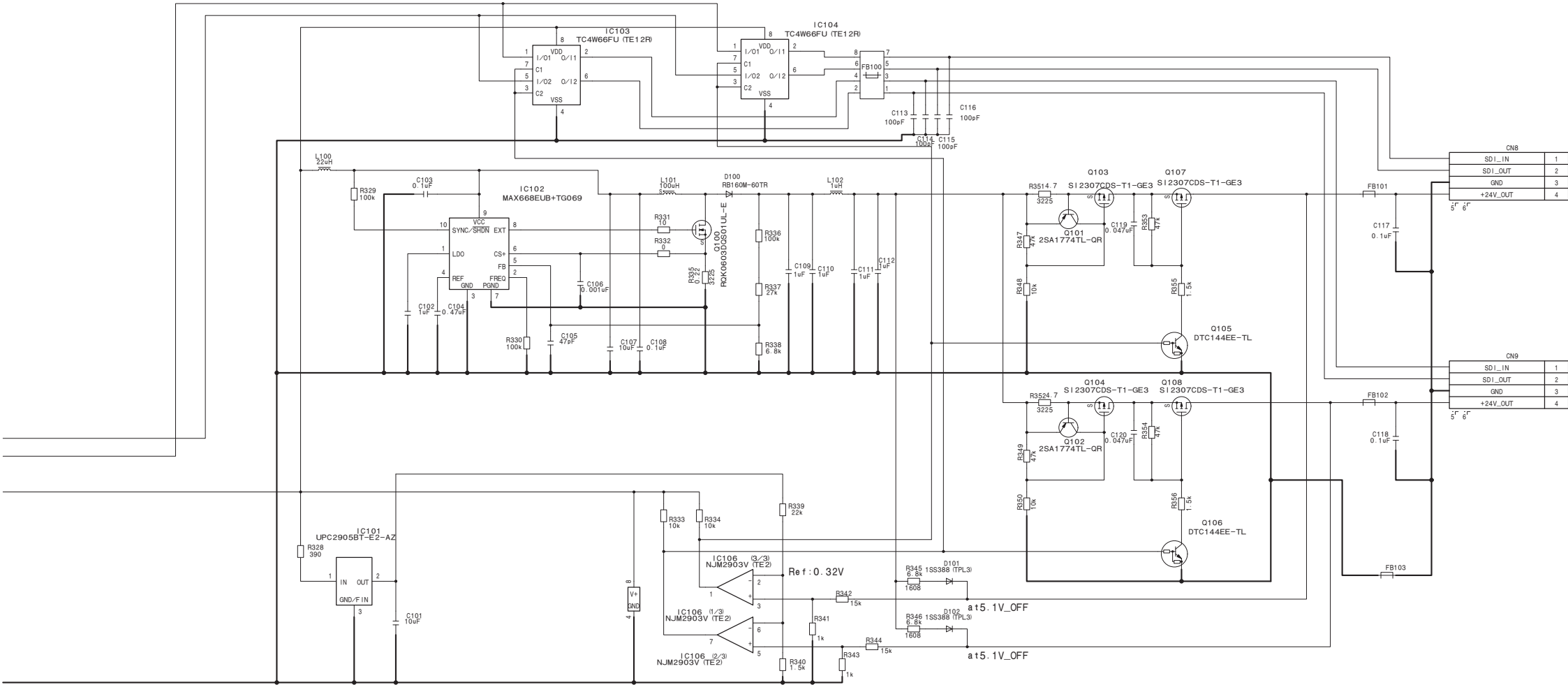




TG-279 (2/2)_L

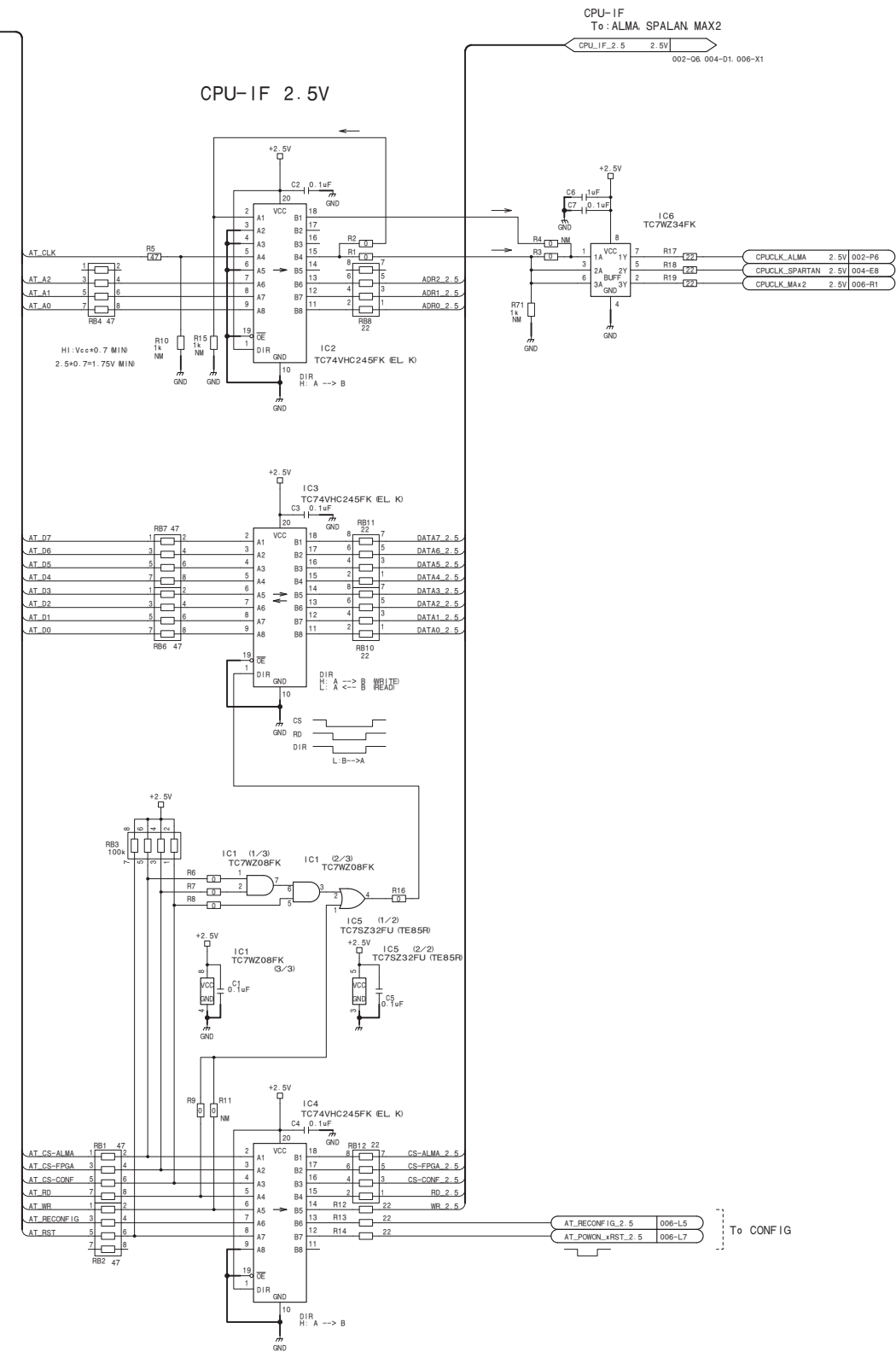
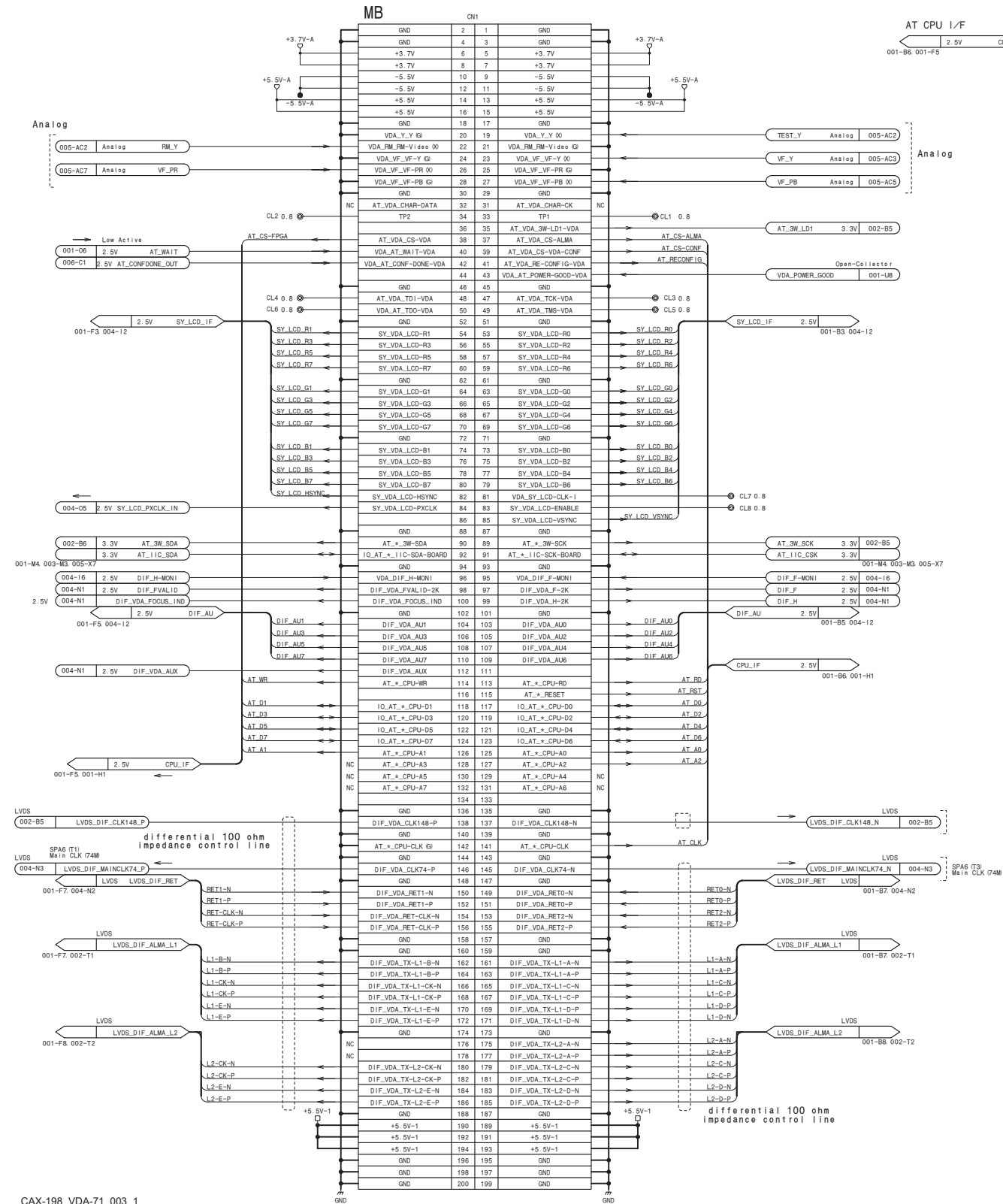


CAX-198_TG-279_004_2

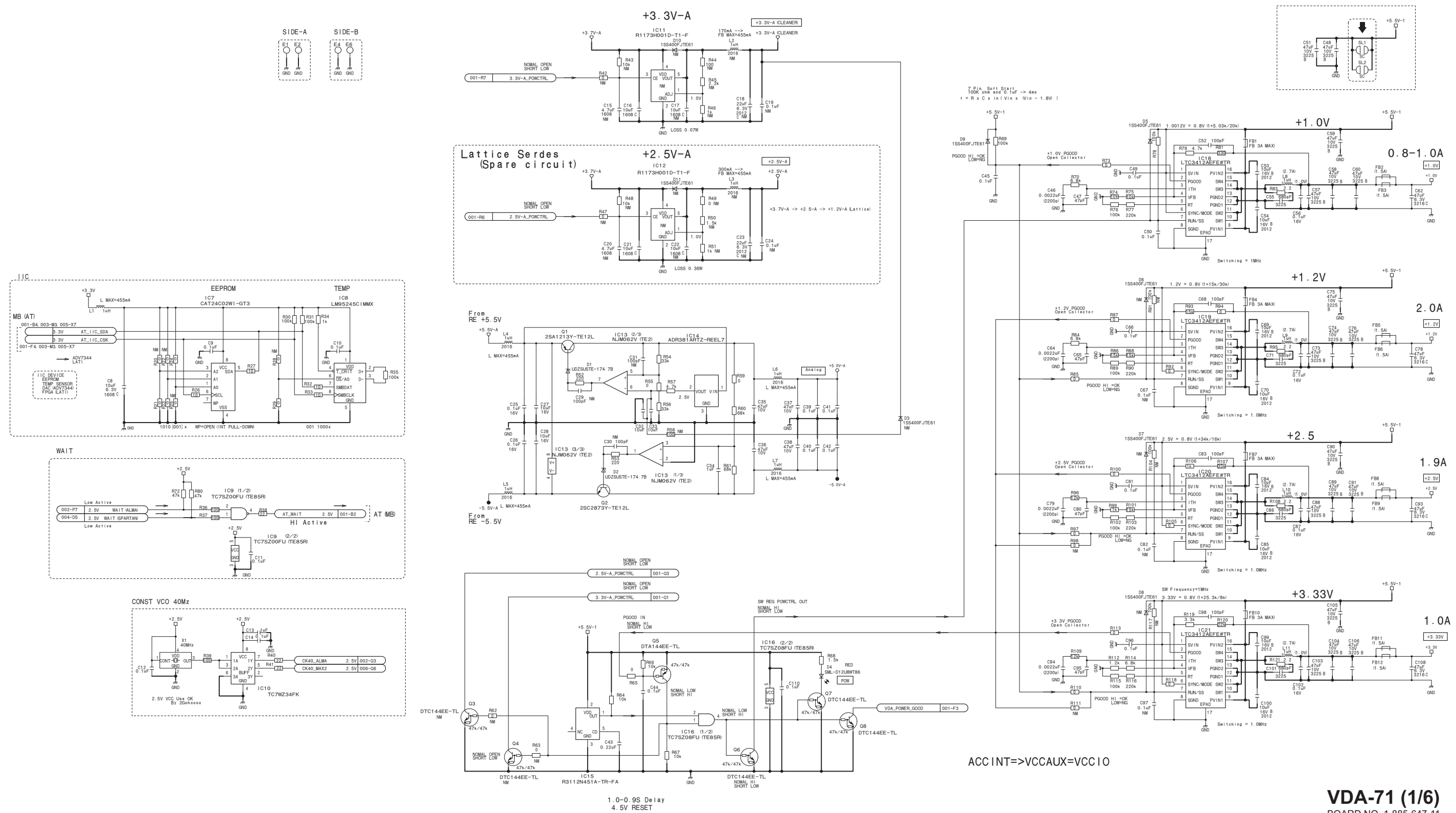


TG-279 (2/2)
BOARD NO. 1-885-645-11
CAX-198_TG-279_004_2

VDA-71
VDA-71 (1/6)_L



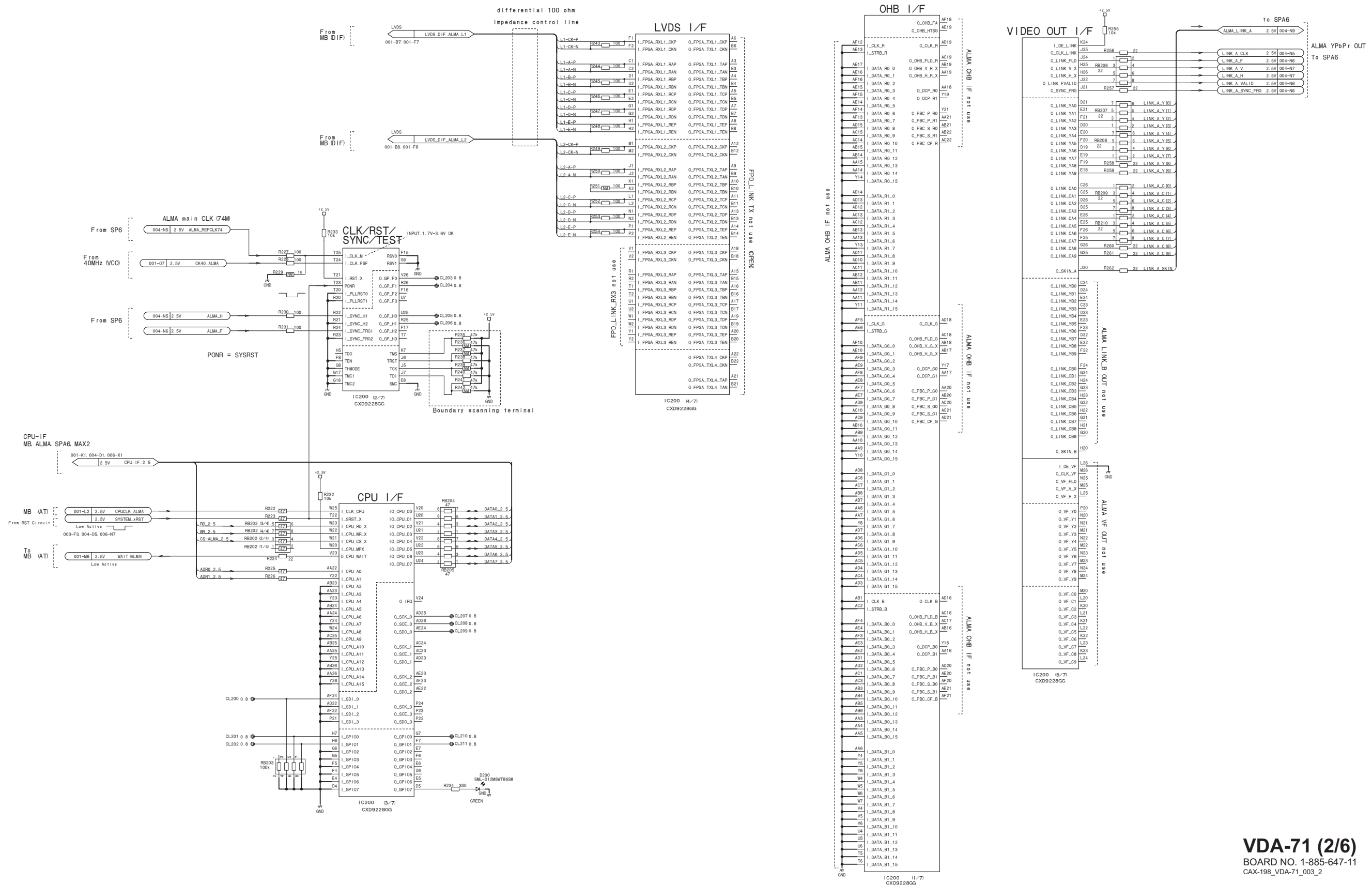
VDA-71 (1/6)_R



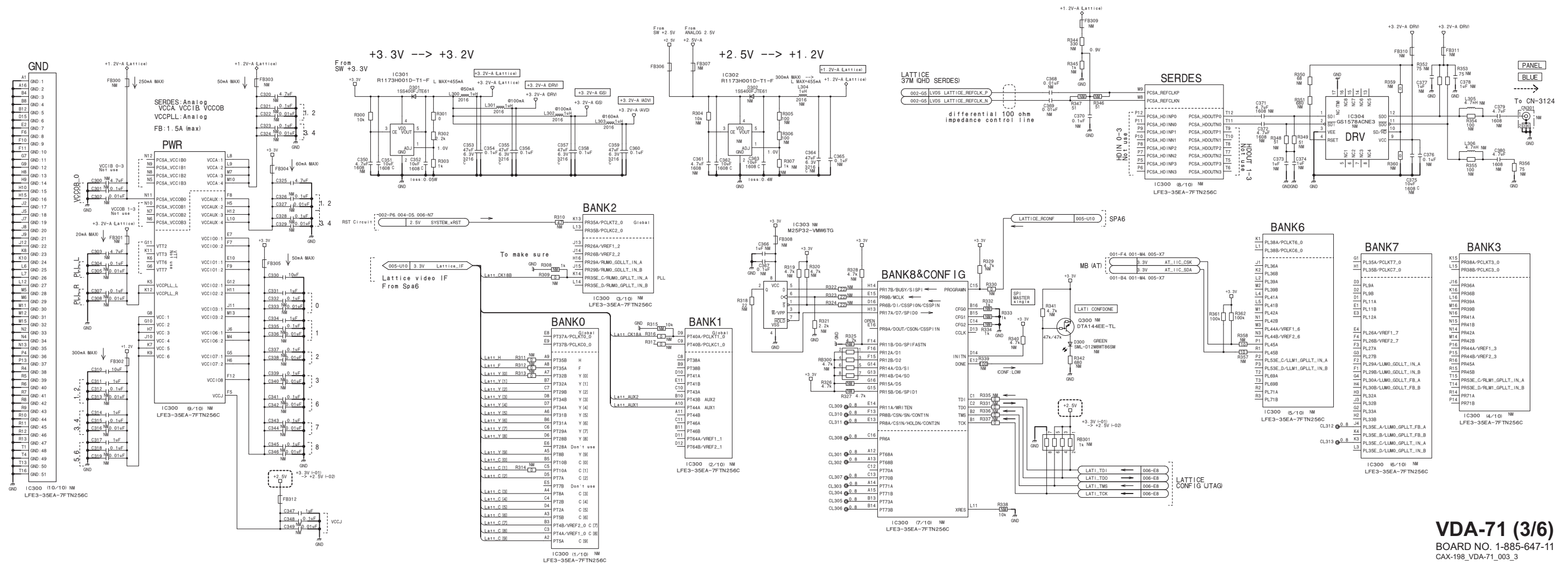
VDA-71 (1/6)
BOARD NO. 1-885-647-11
CAX-198_VDA-71_003_1



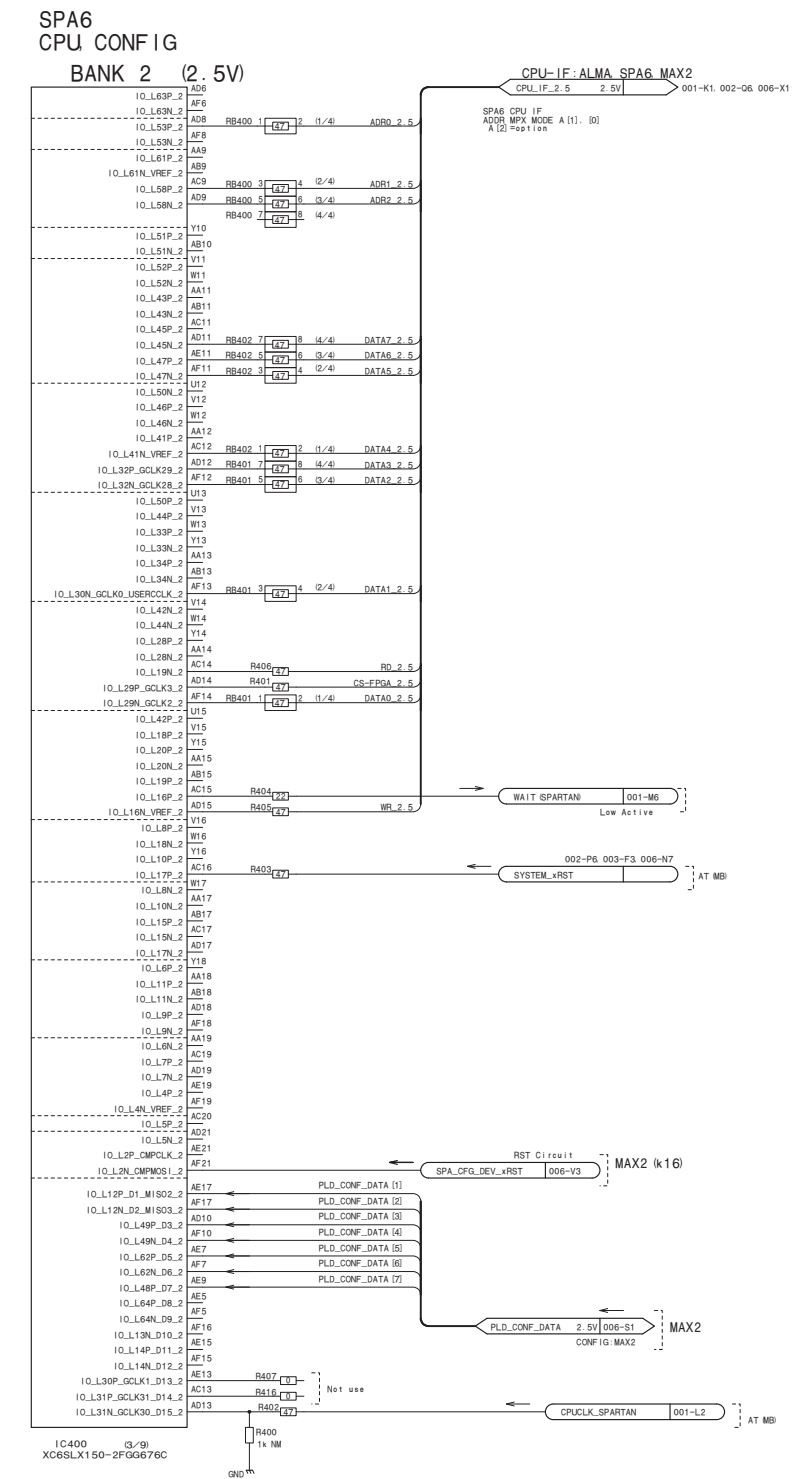
VDA-71 (2/6)_R



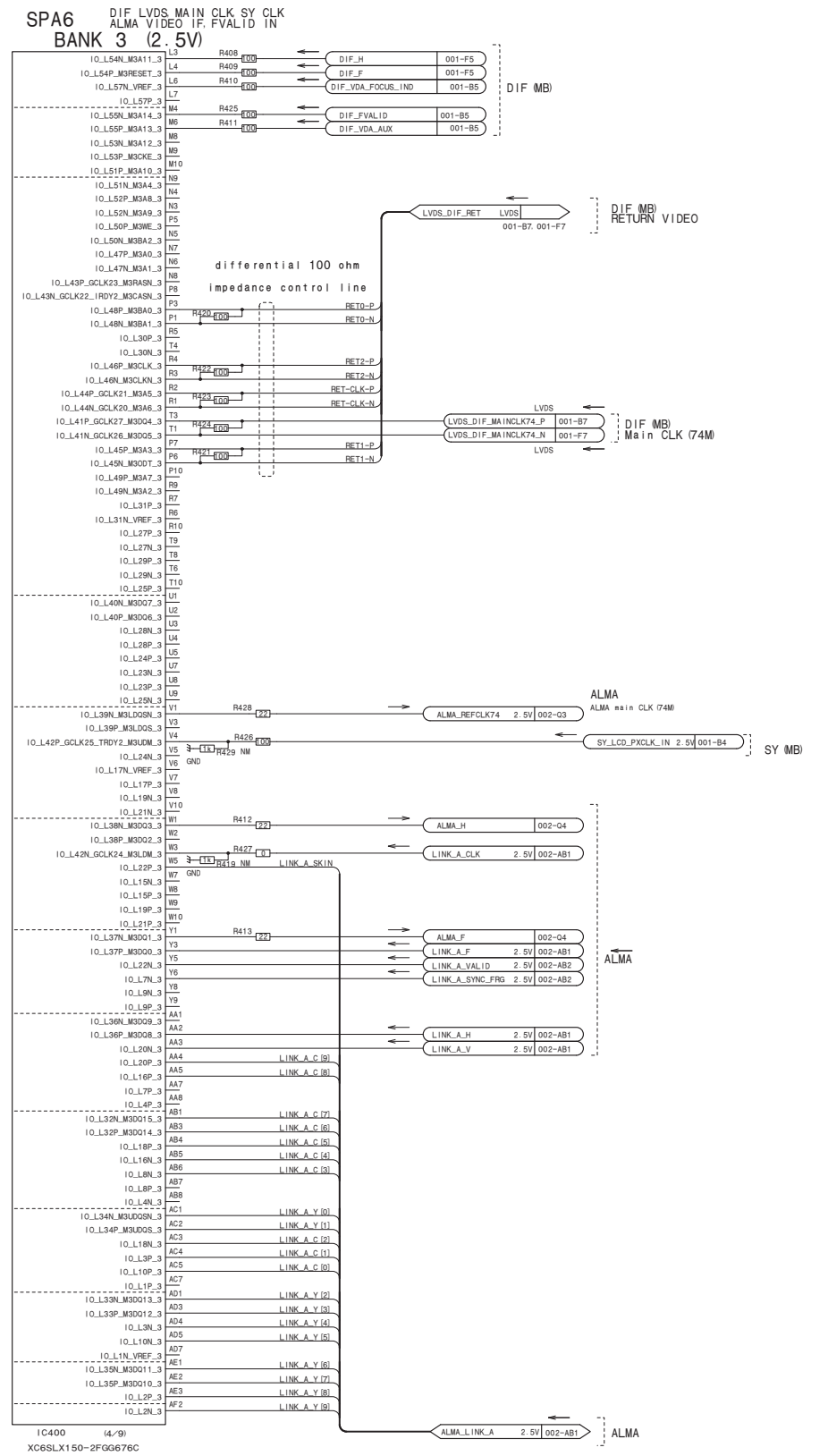
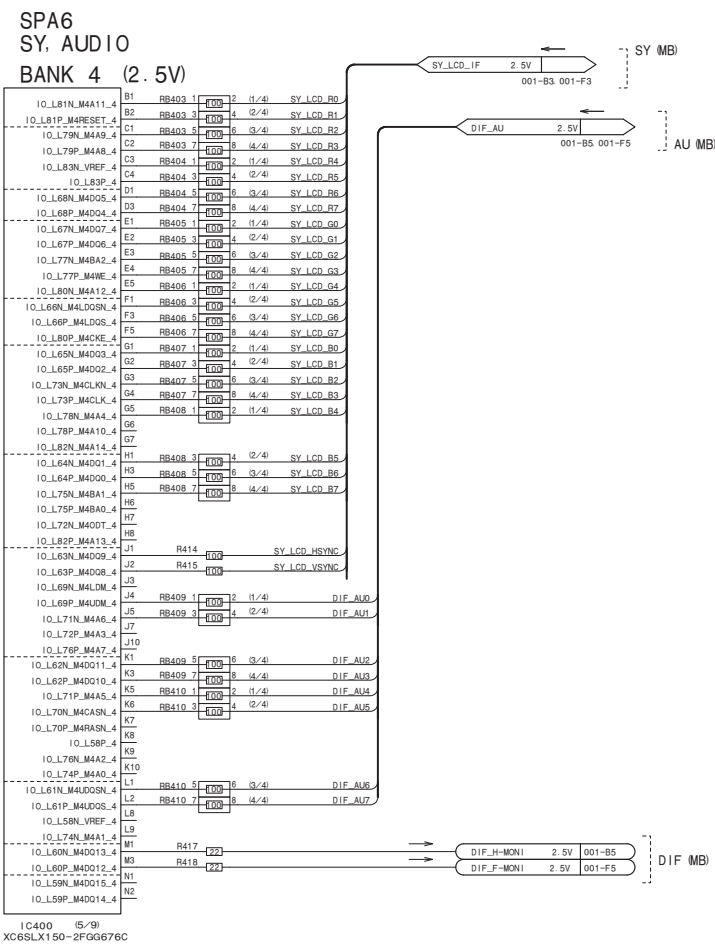
VDA-71 (3/6)



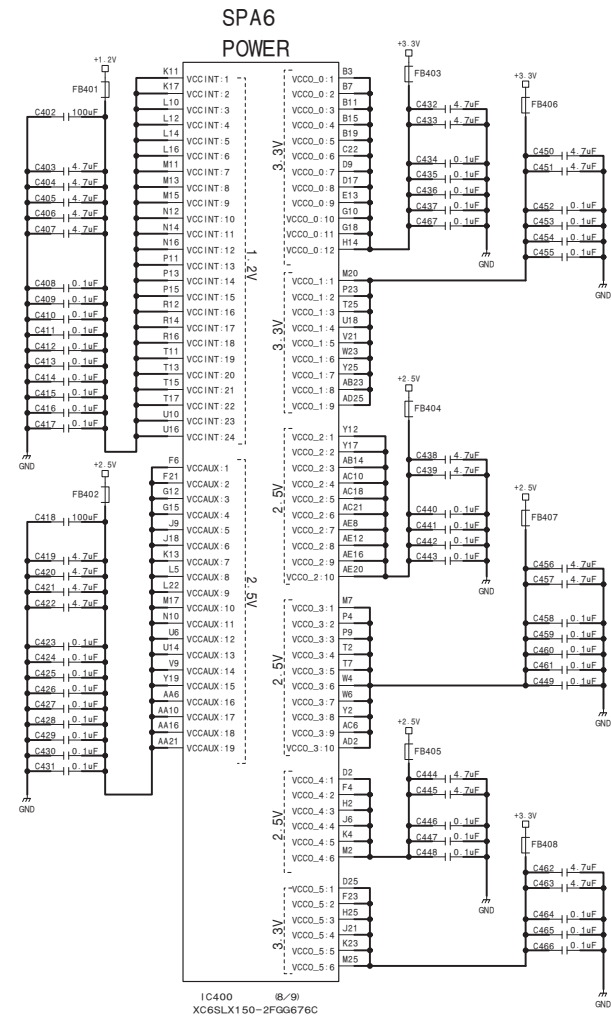
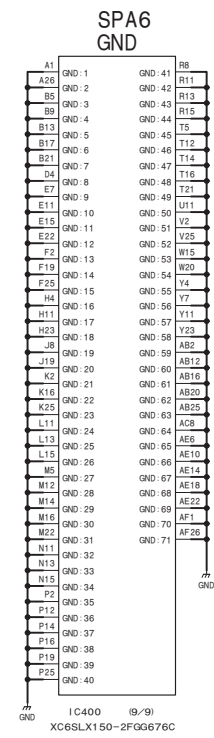
VDA-71 (4/6)_L



CAX-198_VDA-71_003_4



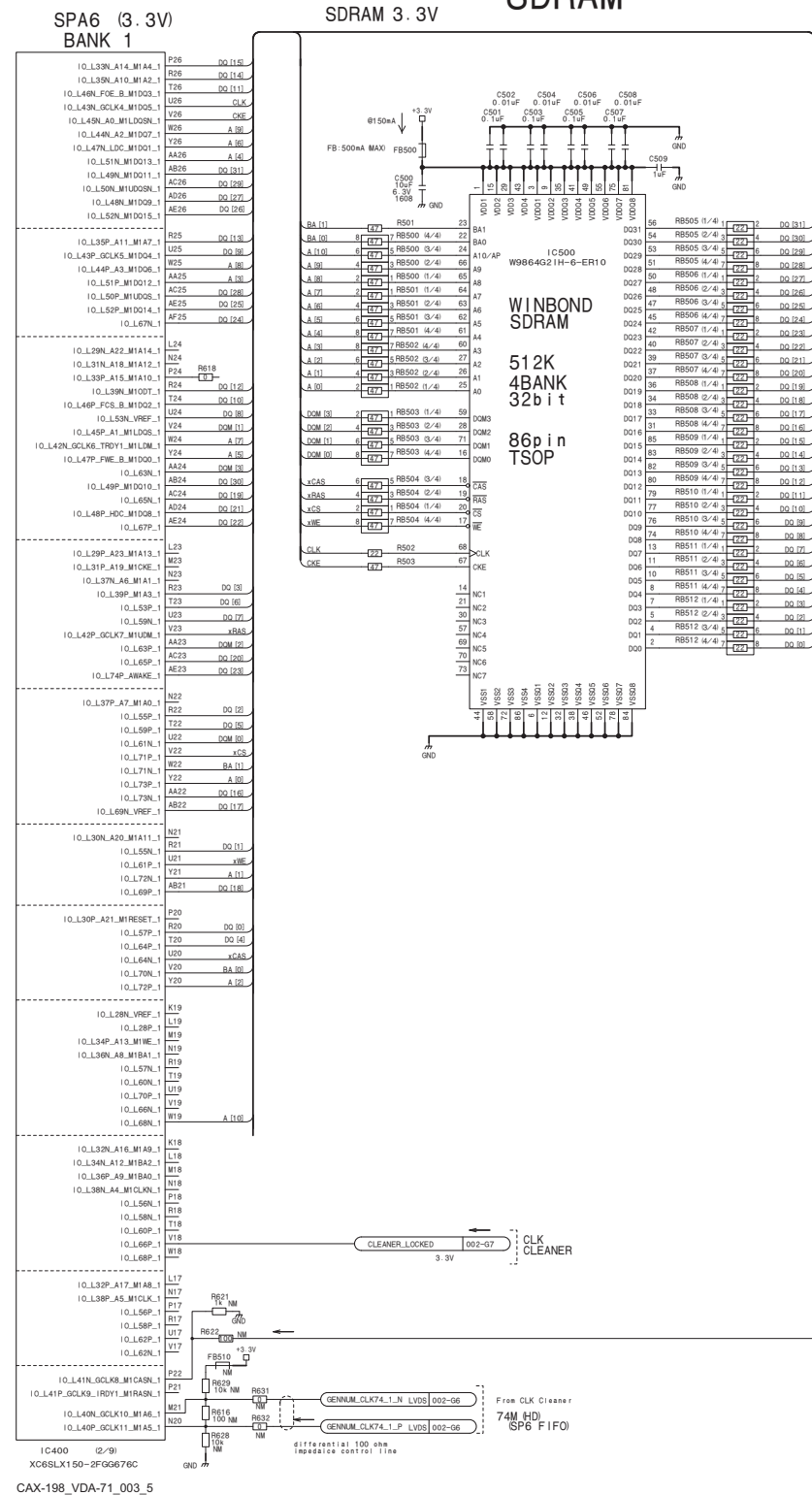
VDA-71 (4/6)_R



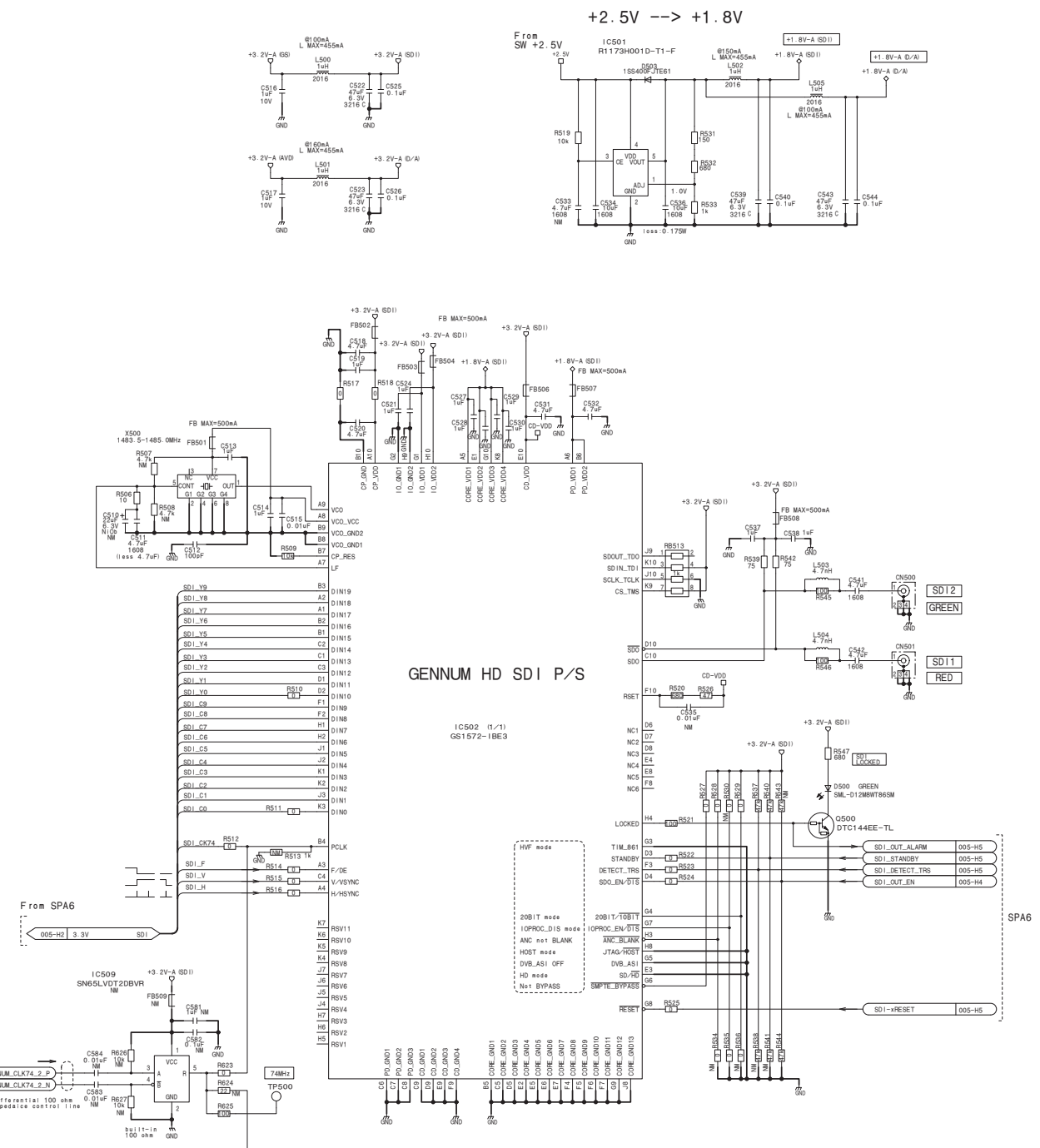
VDA-71 (4/6)

BOARD NO. 1-885-647-11
CAX-198_VDA-71_003_4

VDA-71 (5/6)_L

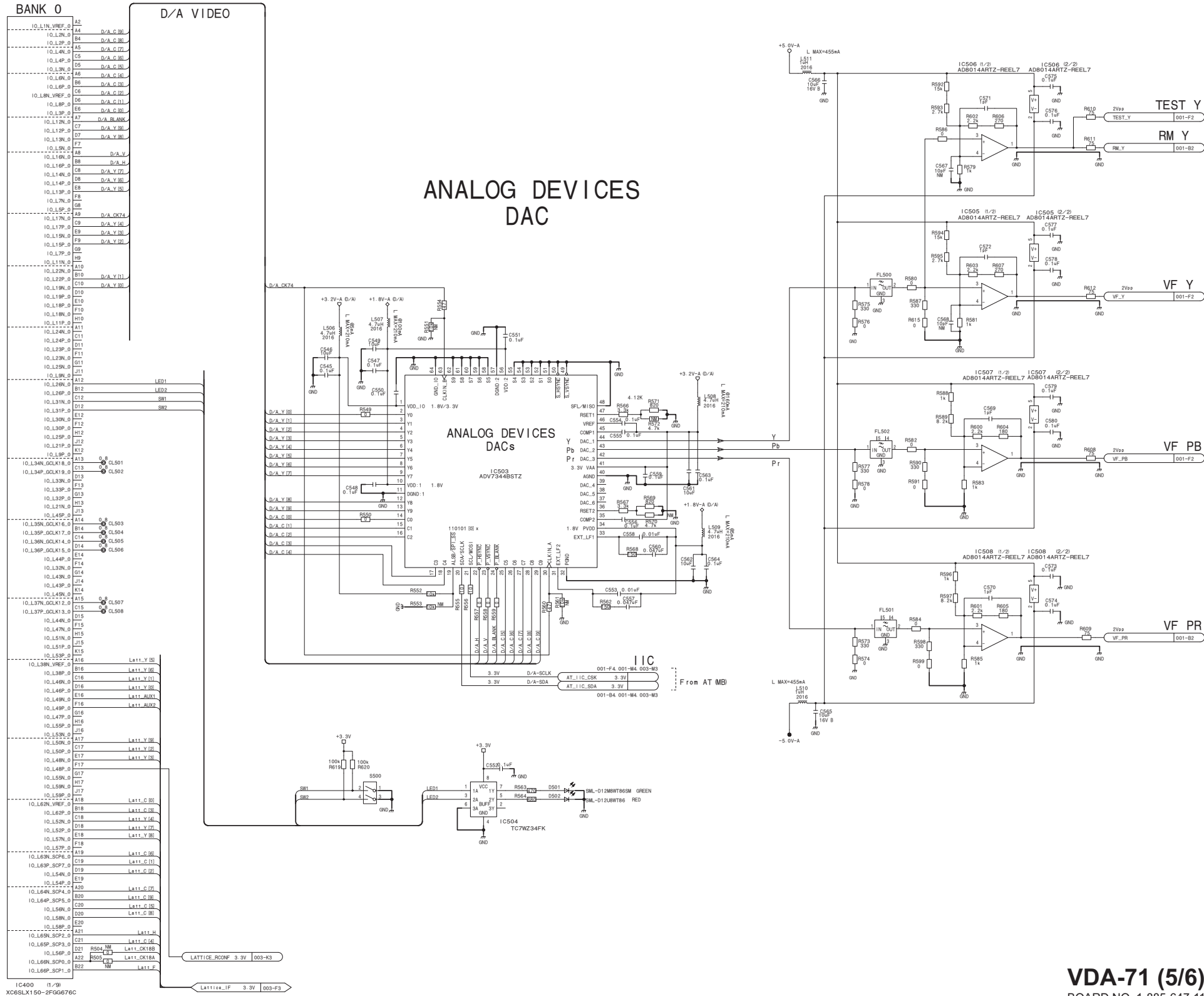


GENNUM (P/S)

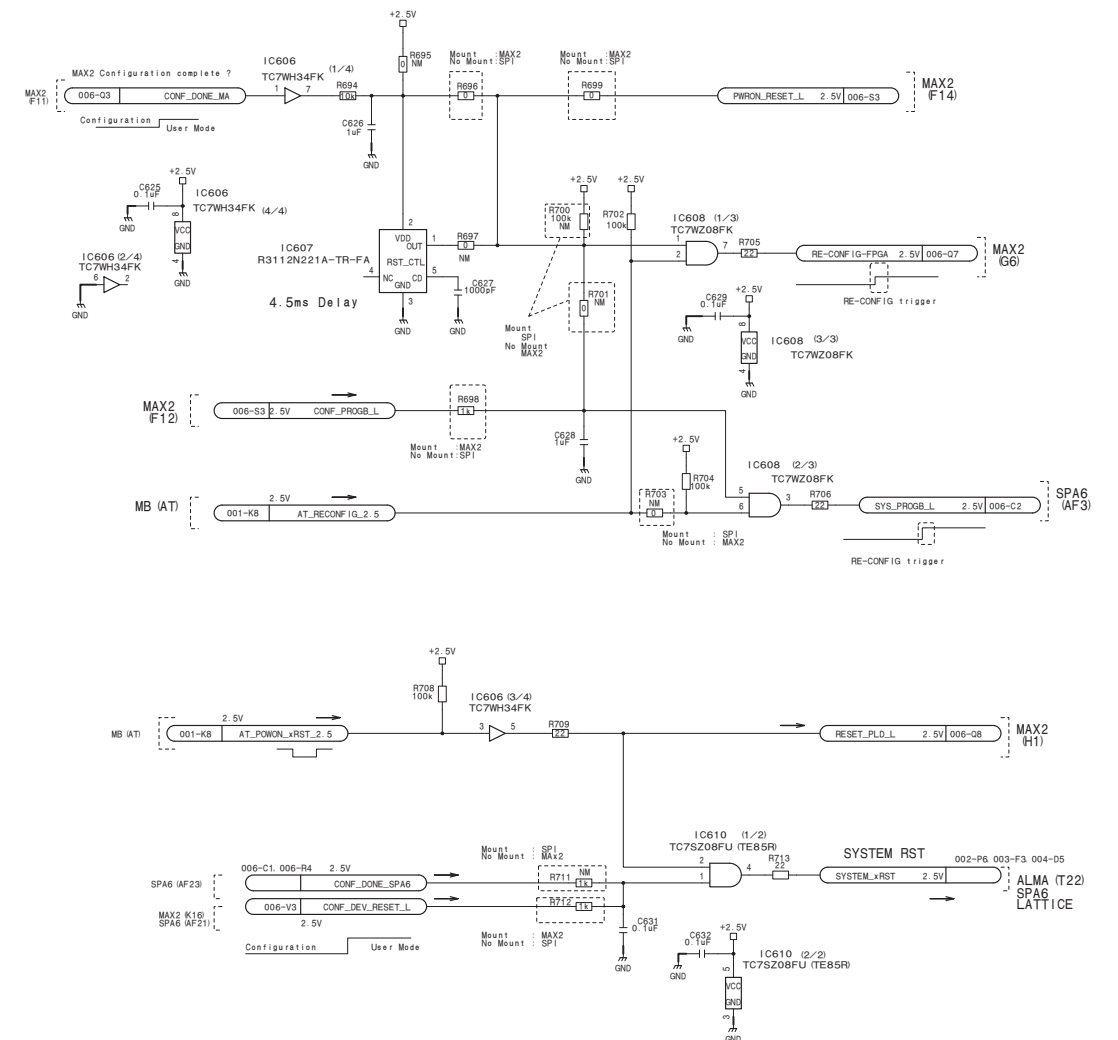
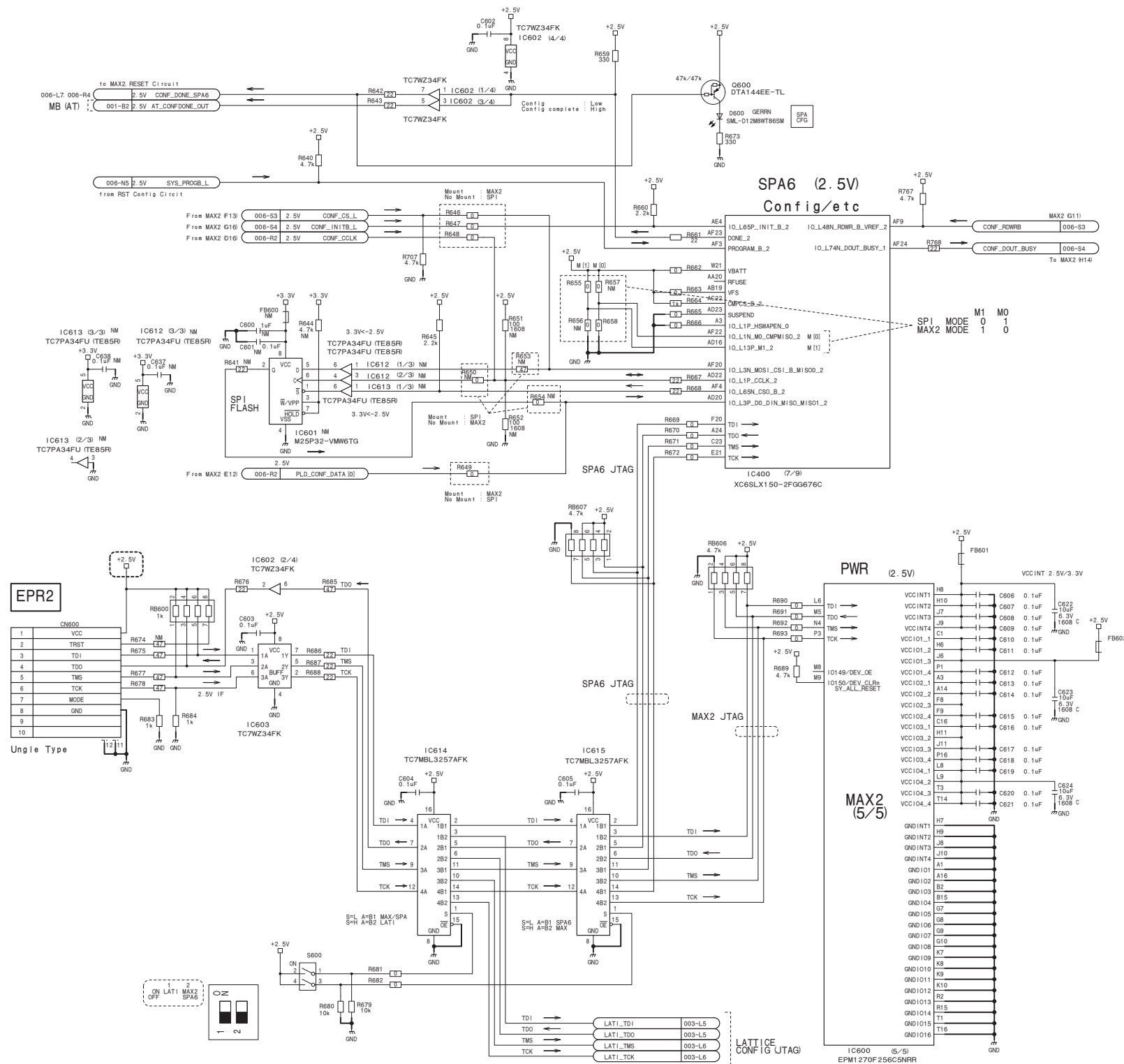


VDA-71 (5/6)_R

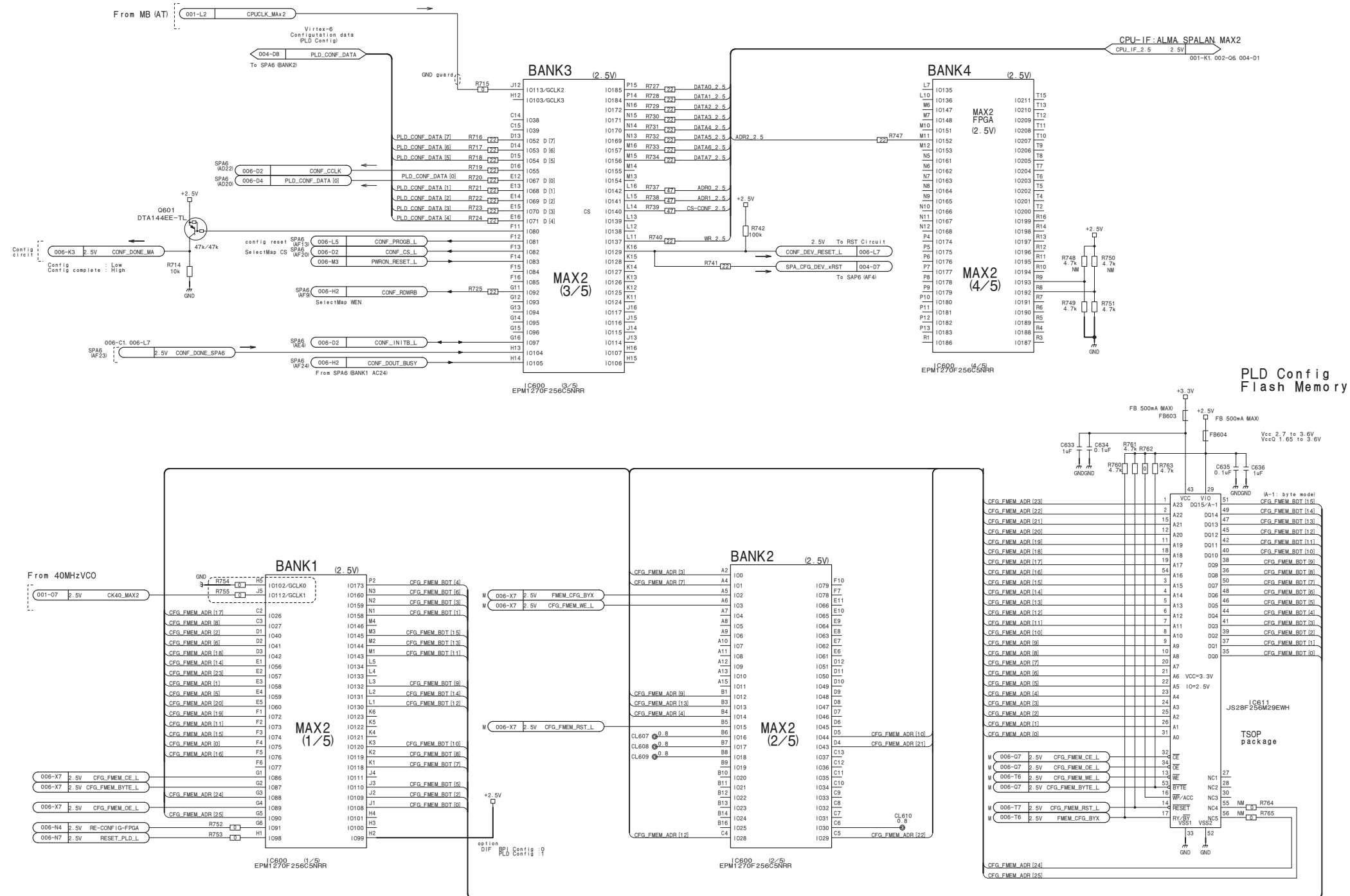
SPA6 (3.3V)



VDA-71 (6/6)_L



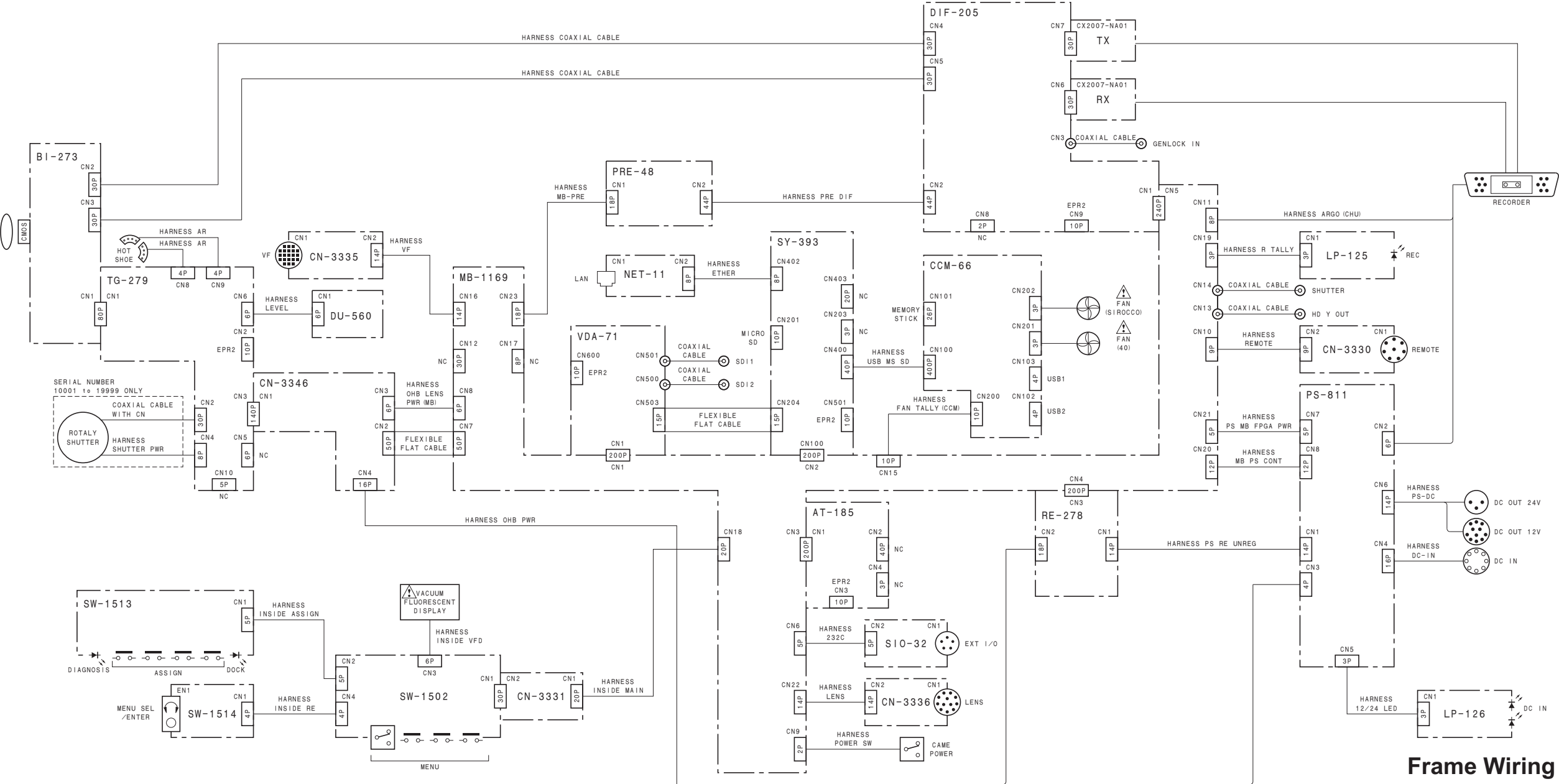
VDA-71 (6/6)_R



VDA-71 (6/6)

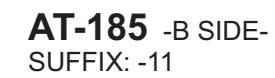
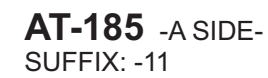
BOARD NO. 1-885-647-11
CAX-198_VDA-71_003_6

Frame Wiring



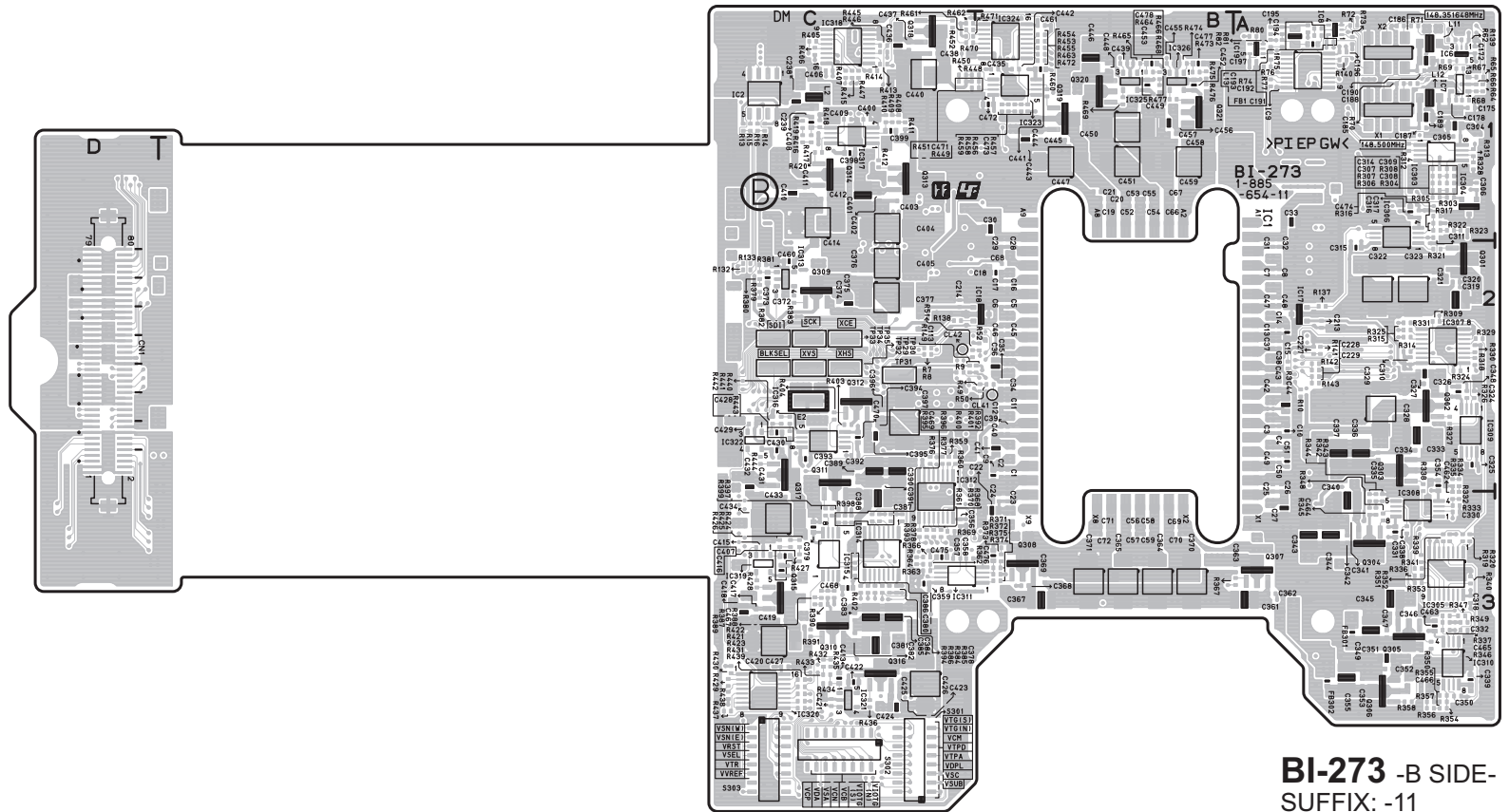
Frame Wiring

The location is described at the end in this section.



The location is described at the end in this section.

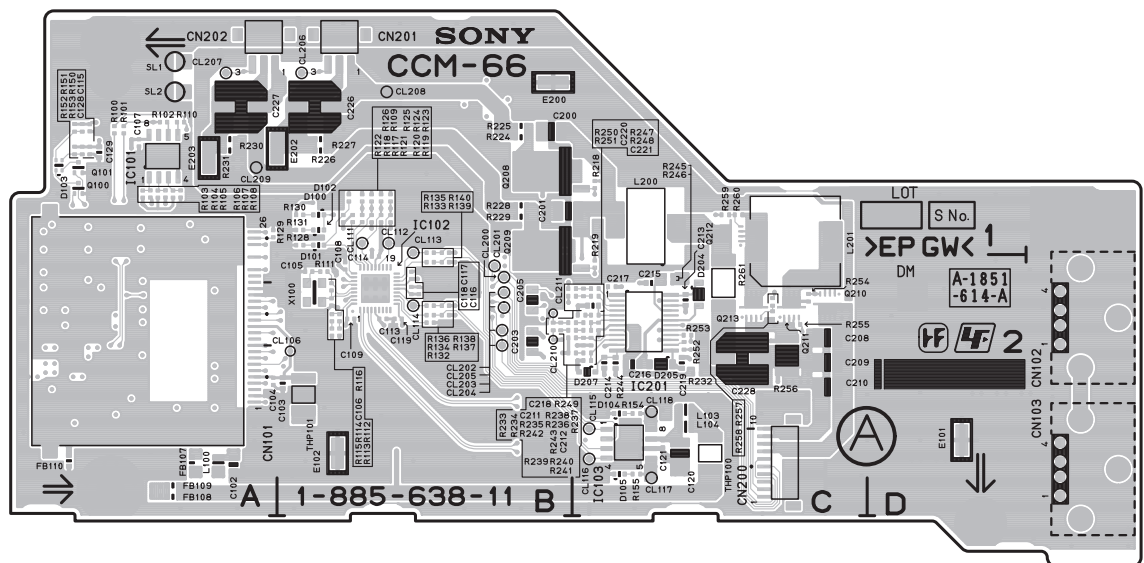




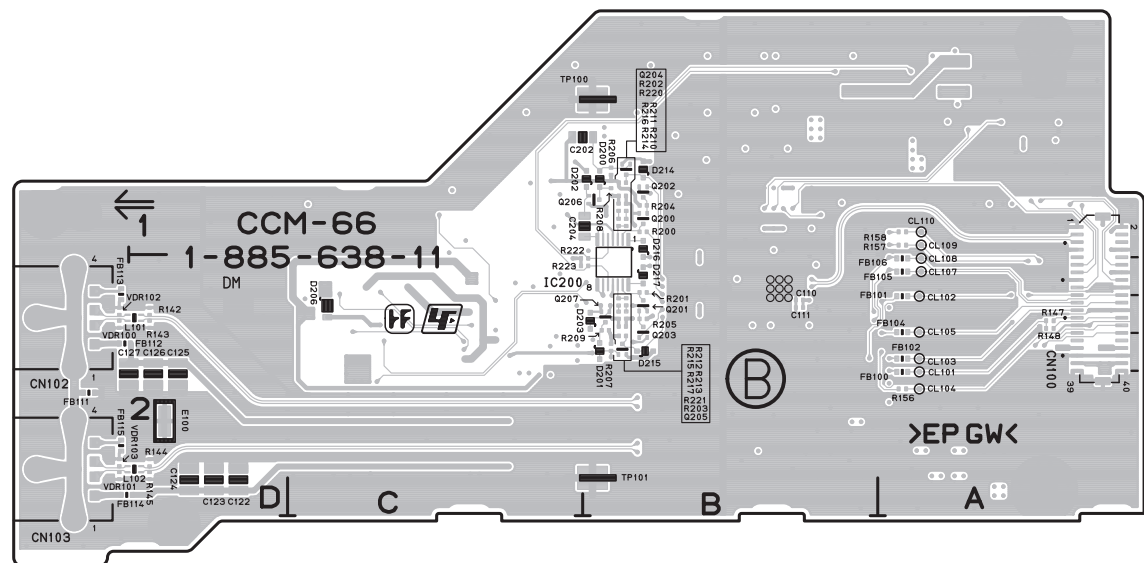
BI-273 -B SIDE-
SUFFIX: -11

CCM-66

The location is described at the end in this section.



CCM-66 -A SIDE-
SUFFIX: -11



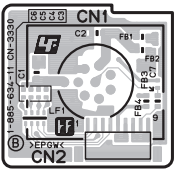
CCM-66 -B SIDE-
SUFFIX: -11

CN-3330

The location is described at the end in this section.



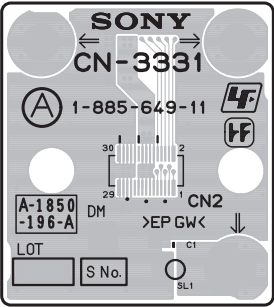
CN-3330 -A SIDE-
SUFFIX: -11



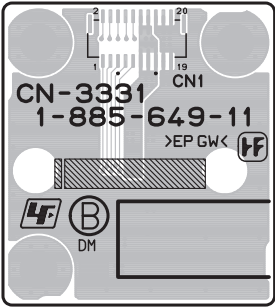
CN-3330 -B SIDE-
SUFFIX: -11

CN-3331

The location is described at the end in this section.



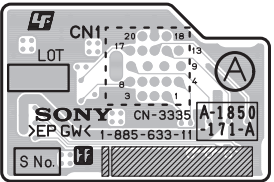
CN-3331 -A SIDE-
SUFFIX: -11



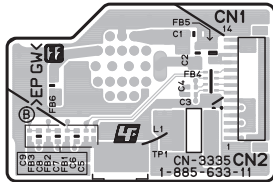
CN-3331 -B SIDE-
SUFFIX: -11

CN-3335

The location is described at the end in this section.



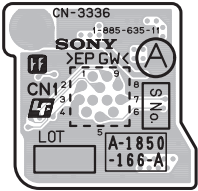
CN-3335 -A SIDE-
SUFFIX: -11



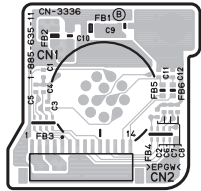
CN-3335 -B SIDE-
SUFFIX: -11

CN-3336

The location is described at the end in this section.



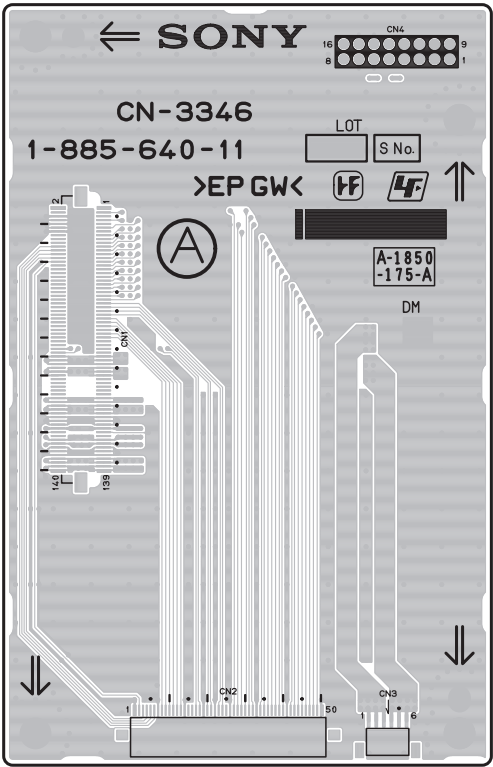
CN-3336 -A SIDE-
SUFFIX: -11



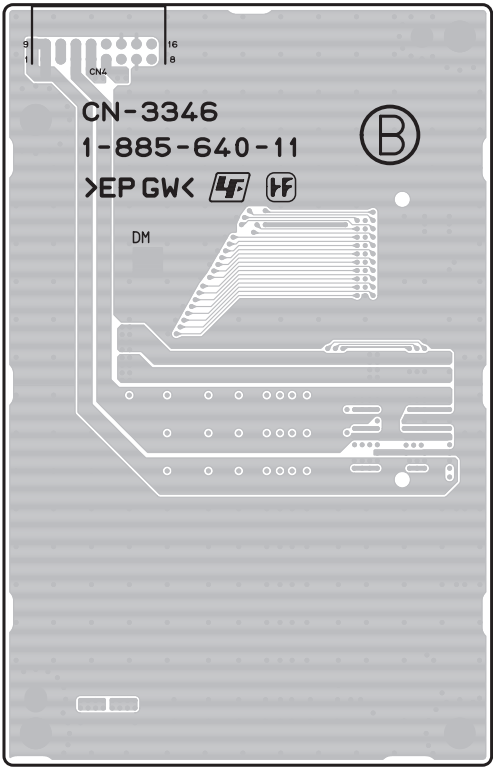
CN-3336 -B SIDE-
SUFFIX: -11

CN-3346

The location is described at the end in this section.



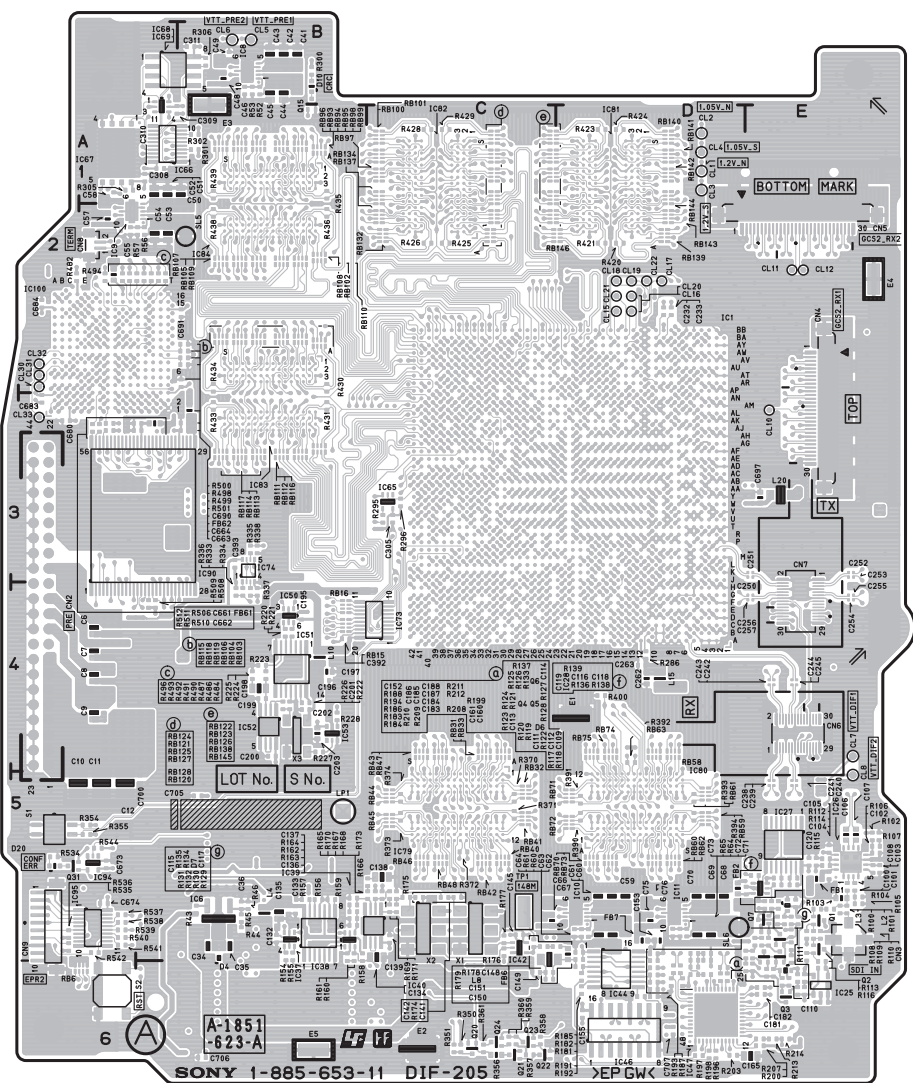
CN-3346 -A SIDE-
SUFFIX: -11



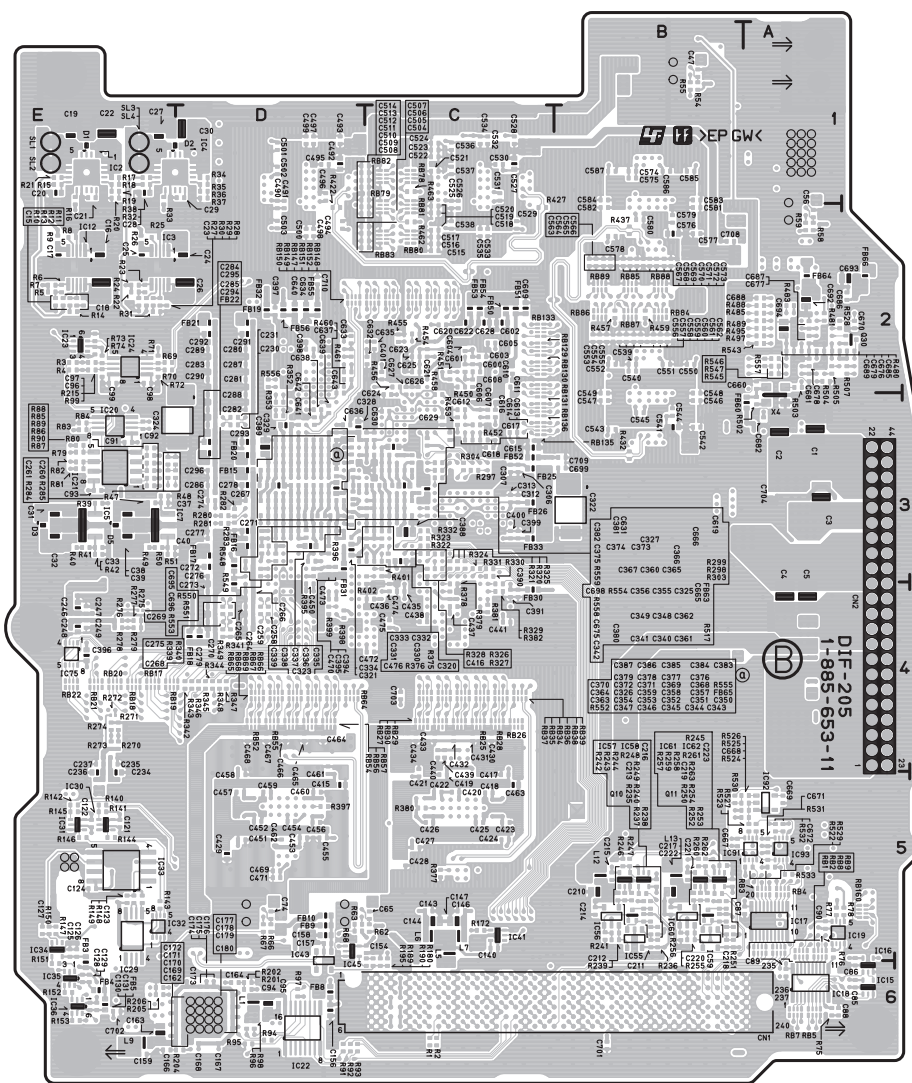
CN-3346 -B SIDE-
SUFFIX: -11

DIF-205

The location is described at the end in this section.



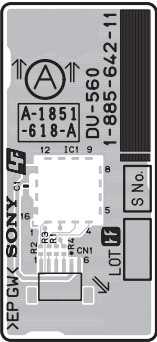
DIF-205 -A SIDE-SUFFIX: -11



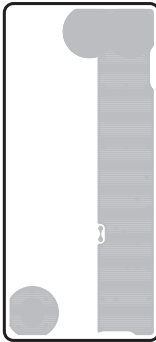
DIF-205 -B SIDE-SUFFIX: -11

DU-560

The location is described at the end in this section.



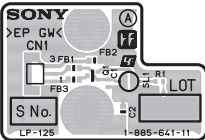
DU-560 -A SIDE-
SUFFIX: -11



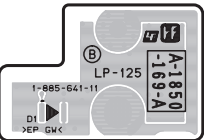
DU-560 -B SIDE-
SUFFIX: -11

LP-125

The location is described at the end in this section.



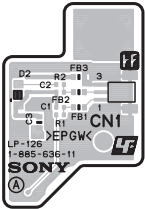
LP-125 -A SIDE-
SUFFIX: -11



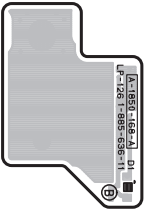
LP-125 -B SIDE-
SUFFIX: -11

LP-126

The location is described at the end in this section.

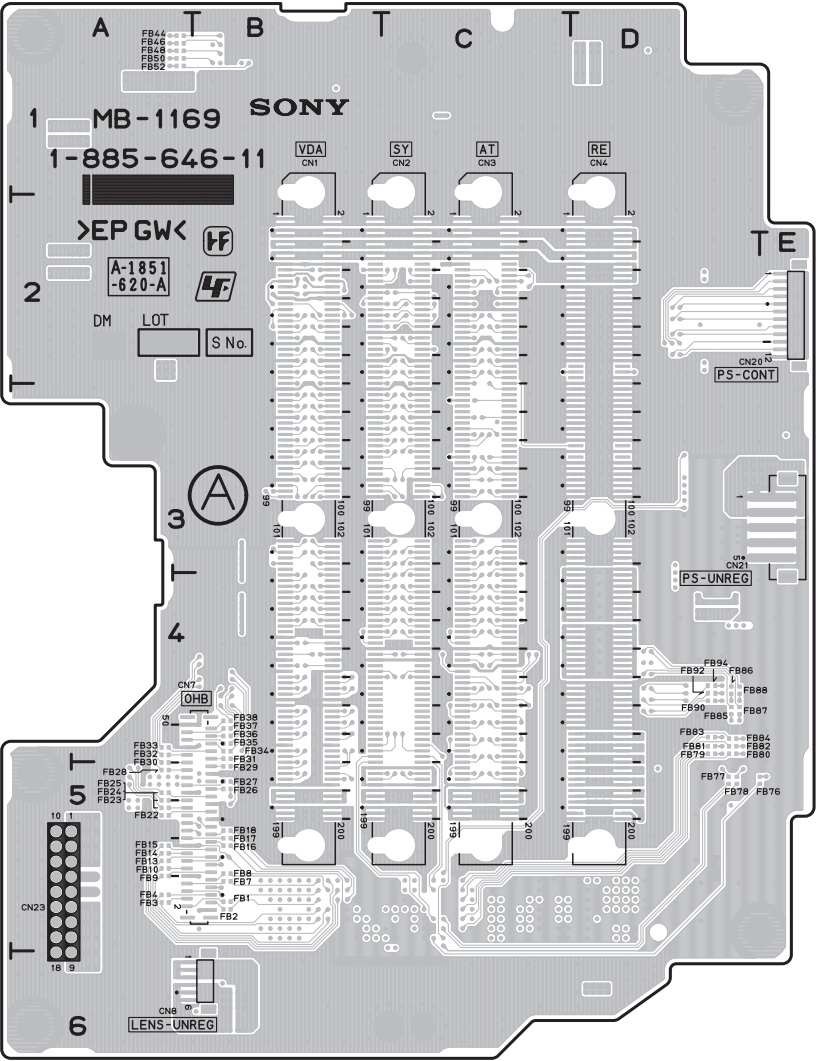


LP-126 -A SIDE-
SUFFIX: -11

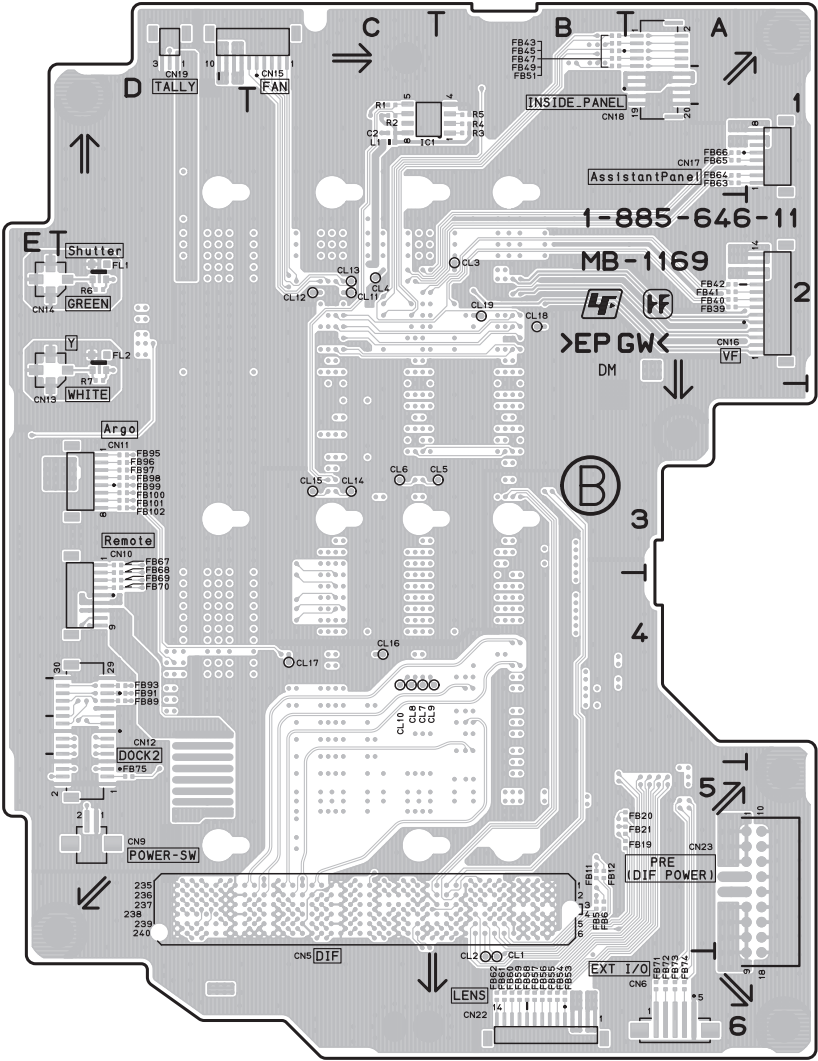


LP-126 -B SIDE-
SUFFIX: -11

MB-1169
The location is described at the end in this section.

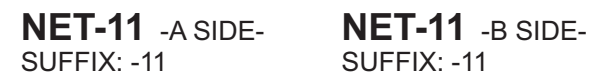


MB-1169 -A SIDE-
SUFFIX: -11

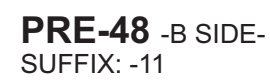
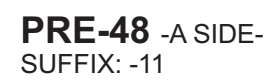


MB-1169 -B SIDE-
SUFFIX: -11

The location is described at the end in this section.

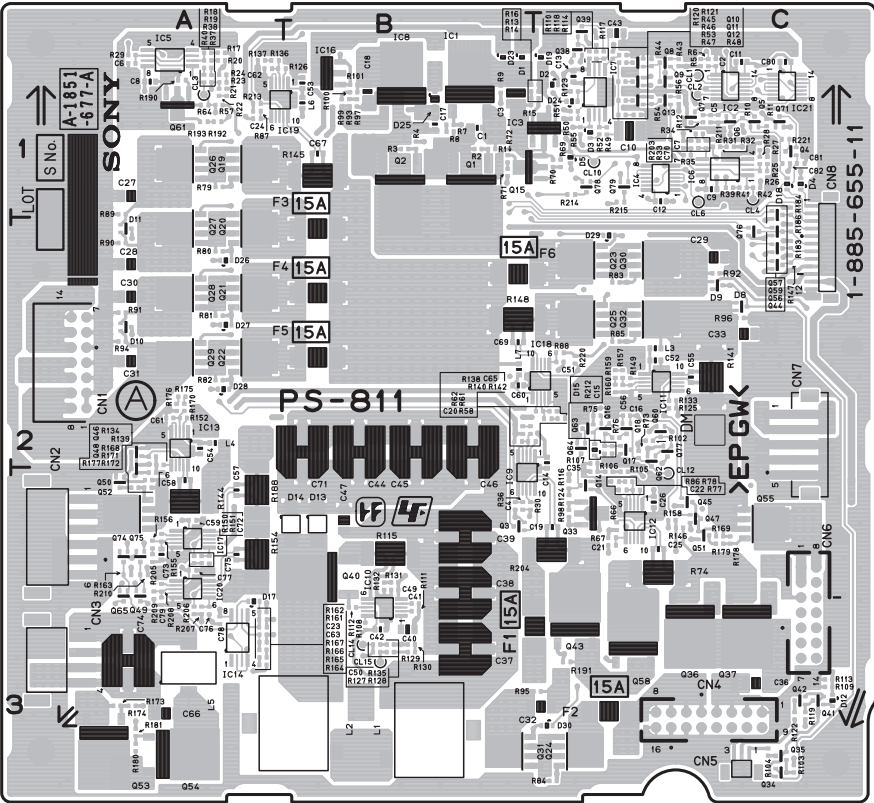


The location is described at the end in this section.

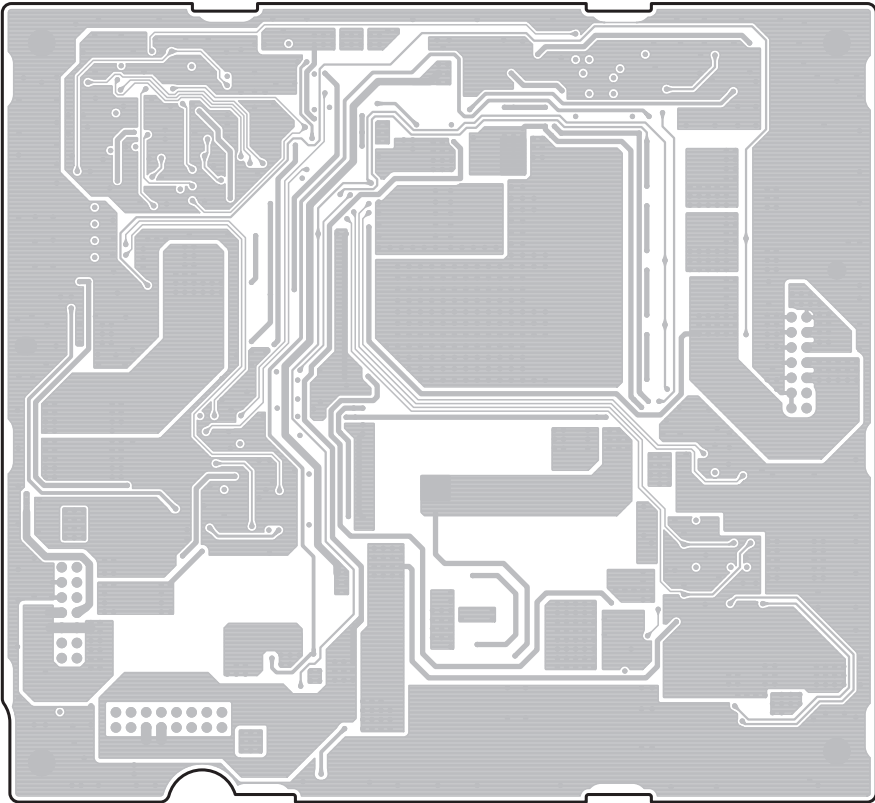


PS-811

The location is described at the end in this section.



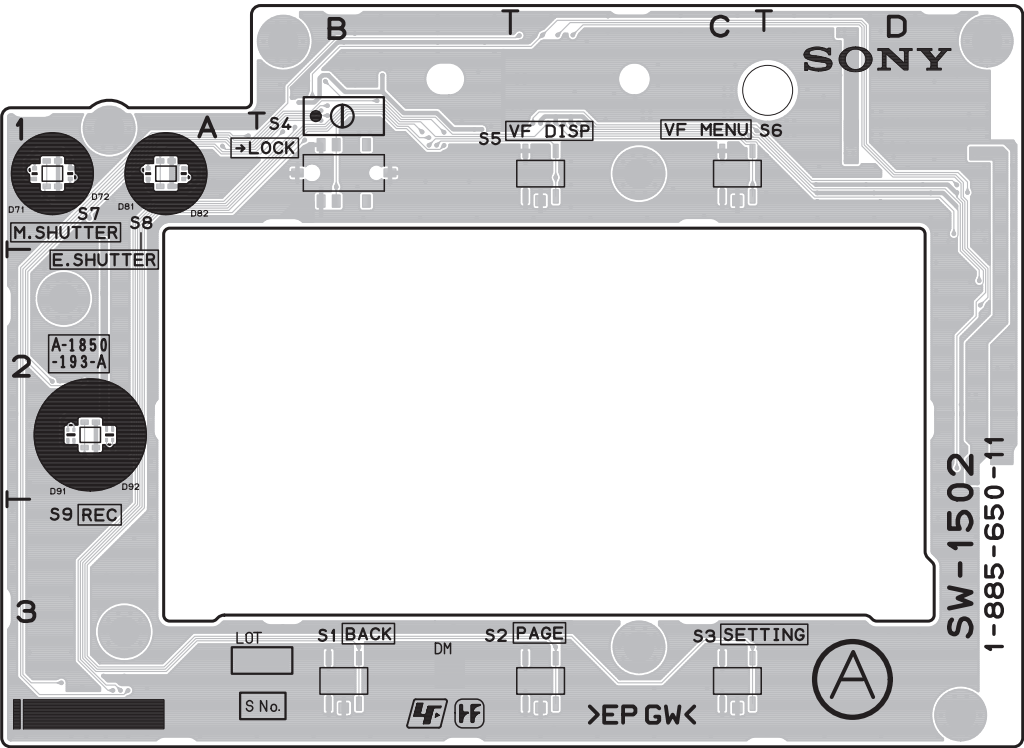
PS-811 -A SIDE-
SUFFIX: -11



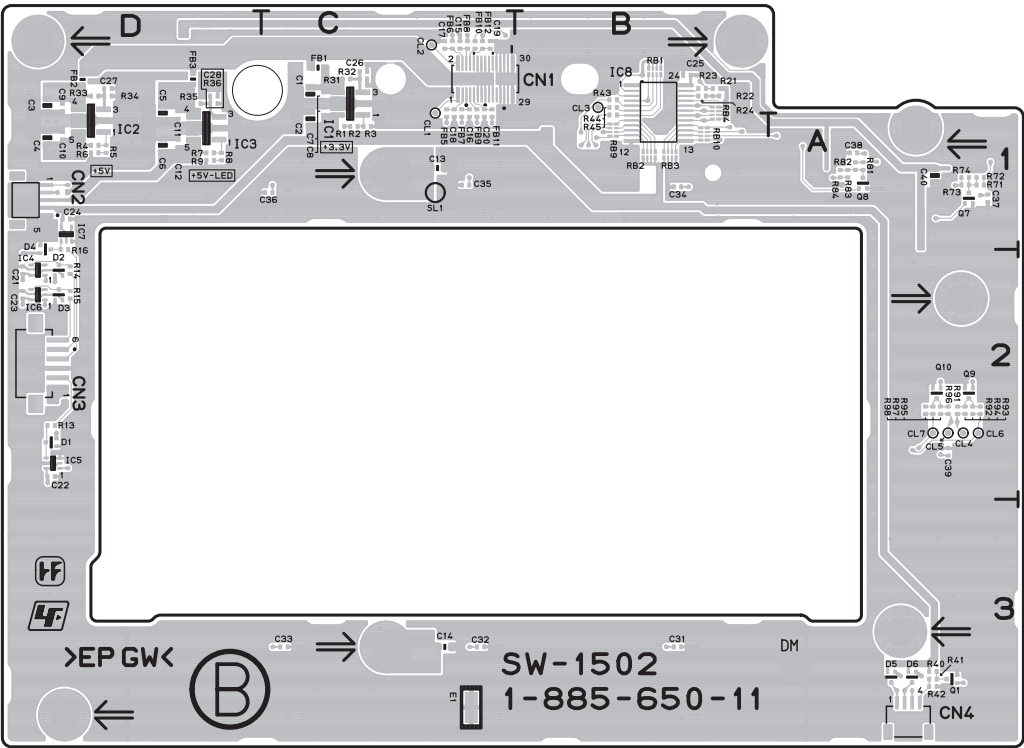
PS-811 -B SIDE-
SUFFIX: -11

SW-1502

The location is described at the end in this section.



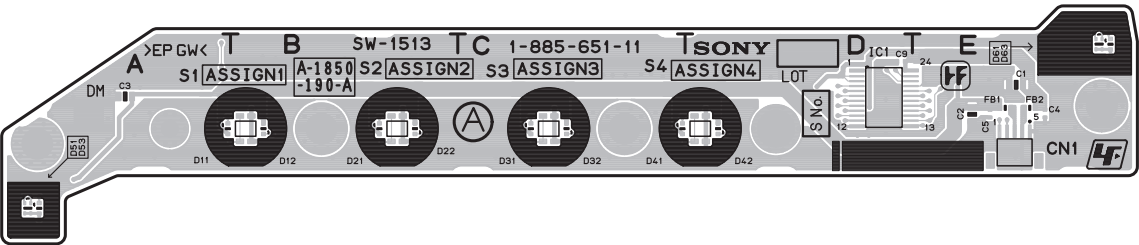
SW-1502 -A SIDE-
SUFFIX: -11



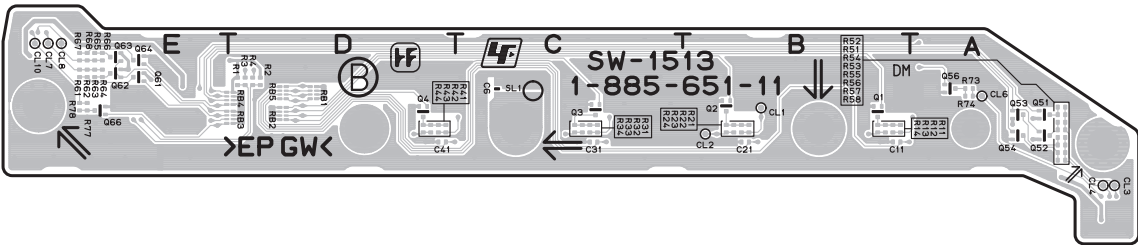
SW-1502 -B SIDE-
SUFFIX: -11

SW-1513

The location is described at the end in this section.



SW-1513 -A SIDE-
SUFFIX: -11



SW-1513 -B SIDE-
SUFFIX: -11

SW-1514

The location is described at the end in this section.

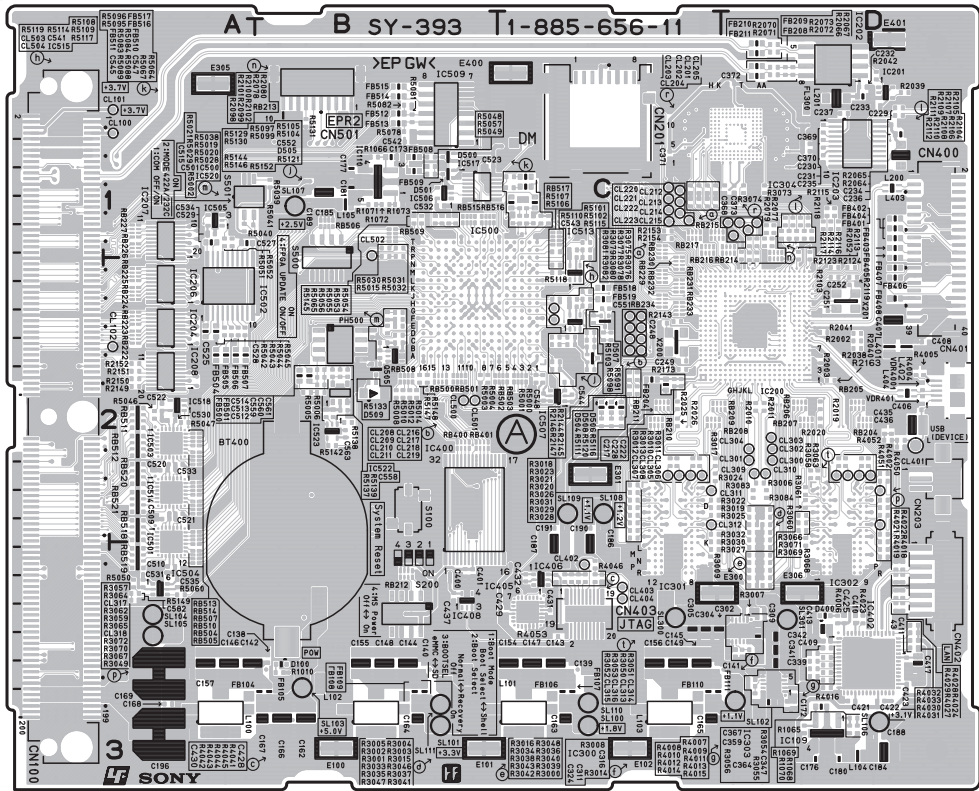


SW-1514 -A SIDE-
SUFFIX: -11

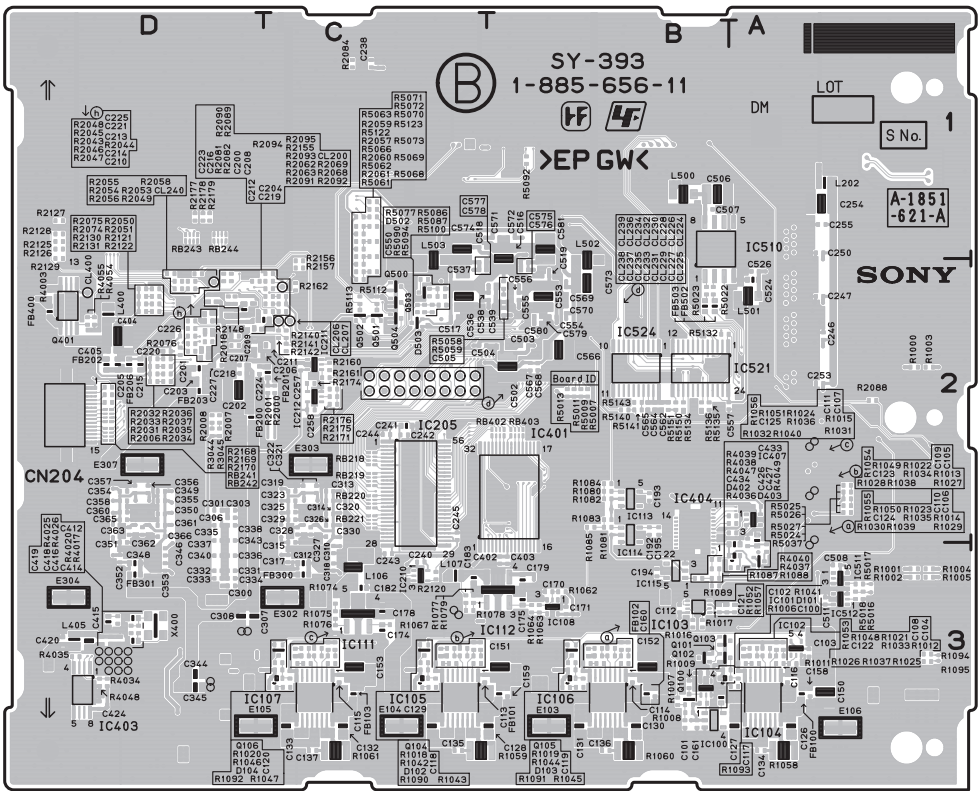
SW-1514 -B SIDE-
SUFFIX: -11

SY-393

The location is described at the end in this section.



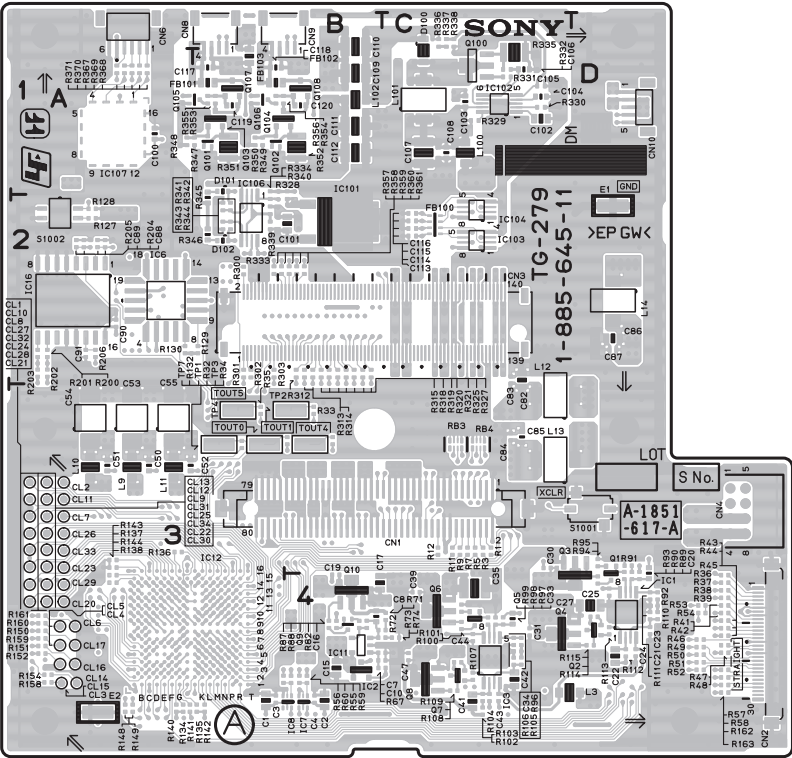
SY-393 -A SIDE-
SUFFIX: -11



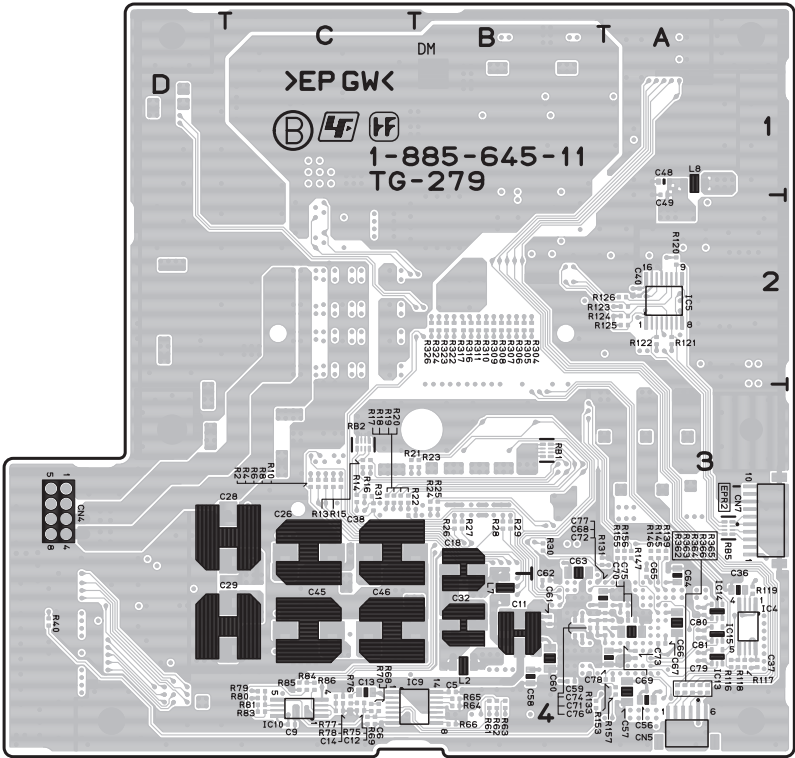
SY-393 -B SIDE-
SUFFIX: -11

TG-279

The location is described at the end in this section.



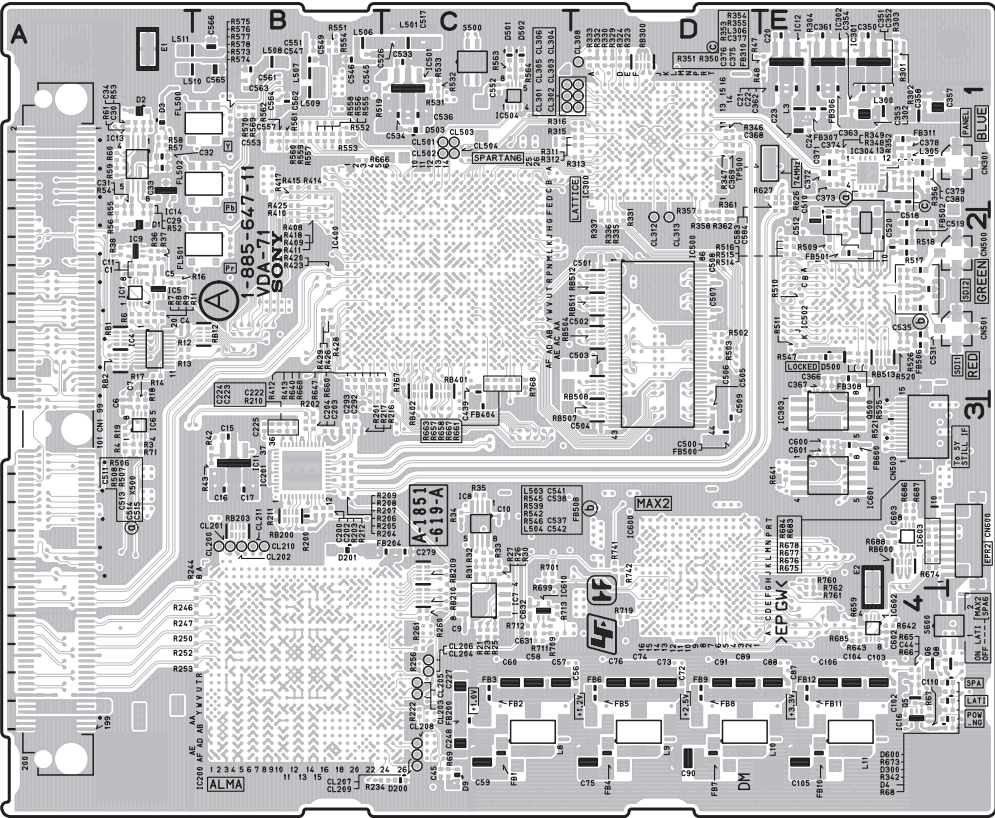
TG-279 -A SIDE-
SUFFIX: -11



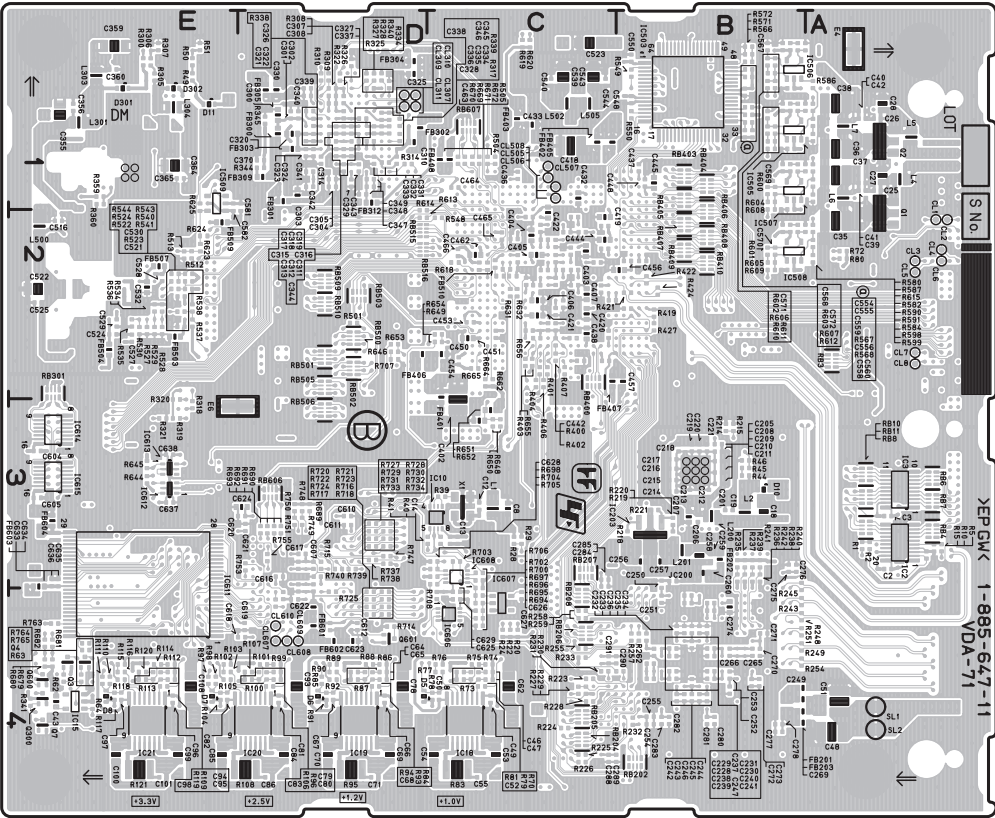
TG-279 -B SIDE-
SUFFIX: -11

VDA-71

The location is described at the end in this section.



VDA-71 -A SIDE-
SUFFIX: -11



VDA-71 -B SIDE-
SUFFIX: -11

Board Parts Location

AT-185 1-885-637-11 *: B SIDE	C130	* C2	C335	* B1	CL309	A1	IC8	B3	Q6	B3	R67	B3	R309	A3	R389	A2	R517	A2	RB119	C2	BI-273 1-885-654-11 *: B SIDE	C77	A2	C157	B2	C237	A1	C380	* C3	C461	* B1
	C131	* C2	C336	* B1			IC100	C2	Q8	B3	R101	* C2	R310	* A3	R390	* B3	R518	A2	RB120	* C2		C78	A2	C158	C2	C238	* C1	C381	* C3	C462	* A3
	C132	* C2	C337	* B2	CN1	A2	IC101	* B2	Q9	B3	R102	* C2	R311	* A3	R391	A2	R519	A2	RB121	* C2		C79	B2	C159	B2	C239	* C1	C382	* C3	C463	* A3
	C133	* C2	C338	* B1	CN2	C1	IC102	* C2	Q301	B1	R103	* B2	R312	* A3	R392	A2	R520	A2	RB122	* C2		C80	C2	C160	C2	C301	C3	C383	* C3	C464	* A3
	C1	* B3	C134	* C1	CN3	B1	IC103	* B2	Q302	D2	R104	* B2	R313	D2	R393	B2	R521	A2	RB123	* C2		C1	* B2	C81	B2	C302	C3	C384	* C3	C465	* A3
	C2	* B3	C135	* C1	CN4	D1	IC104	* C2	Q303	B1	R105	* B2	R314	B2	R394	B2	R522	A2	RB124	* C2		C2	* B2	C82	B2	C303	C3	C385	* C3	C466	* A3
	C3	A3	C136	B2			IC105	* C1	Q304	D2	R106	* B2	R315	B2	R395	B1	R523	A2	RB125	* C2		C3	* A2	C83	B2	C304	* A1	C386	* C3	C467	* C3
	C4	B3	C137	C1	D1	A3	IC106	* C1	Q305	D2	R107	* C2	R316	B2	R396	B2	R524	* A1	RB126	* C2		C4	* A2	C84	C2	C305	* A1	C387	* C3	C468	* C3
	C5	A3	C138	C1	D2	B3	IC107	* D3	Q306	D2	R108	* B2	R317	B2	R397	A2	R525	* A1	RB127	* C2		C5	* B2	C85	A2	C306	* A1	C388	* C2	C469	* C3
	C6	D3	C139	C1	D301	A3	IC108	* D2	Q307	D2	R109	* C2	R318	* B2	R398	B2	R526	A1	RB128	C1		C6	* B2	C86	A1	C307	* A1	C389	* C2	C470	* C2
C7	B3		C140	C1	D302	A3	IC109	C3	Q308	D2	R110	* A3	R319	* B2	R399	A2	R527	D1	RB129	* D2	C7	* A2	C87	A2	C308	* A1	C390	* C2	C471	* B1	
C8	C3		C141	C1	D303	* A3	IC110	* D2	Q309	D2	R111	* A3	R320	B2	R400	* B3	R528	D1	RB130	A2	C8	* A2	C88	A3	C309	* A1	C391	* C2	C472	* B1	
C9	* D3		C142	C1	D304	* A3	IC111	* D2	Q310	D2	R112	* C2	R321	B1	R401	A2	R529	D1	RB131	A2	C9	* B2	C89	B2	C310	* A2	C392	* C2	C473	* B1	
C10	* B3		C143	C1	D305	* A3	IC112	D3	Q501	A3	R113	* C2	R322	* B1	R402	A3	R530	D1	RB132	A2	C10	* A2	C90	C3	C311	* A1	C393	* C2	C474	* A1	
C11	* C3		C144	C1	D306	D2	IC113	D3	Q502	* B1	R114	* C2	R323	B2	R403	B1	R531	B3	RB133	A2	C11	* B2	C91	B2	C312	C3	C394	* C2	C475	* C3	
C12	D3		C145	* C1	D307	D2	IC114	A2			R115	* A3	R324	B2	R404	B1	R532	* B3	RB134	A2	C12	* B2	C92	C1	C313	C3	C395	* C2	C476	* B3	
C13	B3		C146	* C1	D308	D2	IC115	A2	R1	* A1	R116	* A3	R325	B2	R405	B1	R533	* B3	RB135	A2	C13	* A2	C93	A1	C314	* A1	C396	* C2	C477	* B1	
C14	C3		C147	* C3	D309	D2	IC116	A2	R2	A2	R117	* B2	R326	B2	R406	B1	R534	* B3	RB136	* A2	C14	* A2	C94	A1	C315	* A2	C397	* C2	C478	* B1	
C15	D3		C148	* C2	D310	D2	IC117	A2	R3	* A3	R118	* C2	R327	* B1	R407	B1	R535	* B3	RB137	* A2	C15	* A2	C95	A3	C316	* A1	C398	* C1			
C16	B3		C149	D3	D311	D2	IC118	C1	R5	* A2	R119	* C2	R328	* B1	R408	B1	R536	* B3	RB138	A2	C16	* B2	C96	A3	C317	* A1	C399	* C1	CL3	B1	
C17	C3		C150	* C3	D312	D2	IC119	A2	R6	* A2	R120	* B3	R329	* B1	R409	B1	R537	* B3	RB139	A2	C17	* B2	C97	B3	C318	* A3	C400	* C1	CL4	B1	
C18	D3		C151	* C3	D313	D2	IC120	* A3	R7	* A2	R121	* A2	R330	* A3	R410	B1	R538	* B3	RB301	* B2	C18	* B2	C98	C3	C319	* A2	C401	* C1	CL5	B3	
C19	* B3		C152	* C3	D314	A3	IC121	B2	R8	* A2	R122	D1	R331	* B2	R412	A1	R539	* B3	RB302	* B2	C19	* B1	C99	B1	C320	* A2	C402	* C1	CL6	B3	
C20	B3		C153	* C2	D315	* A3	IC122	* B2	R9	* A3	R123	* A3	R332	* B2	R413	A1	R540	* B3	RB303	* B2	C20	* B1	C100	C1	C321	* A2	C403	* C1	CL7	B1	
C21	* B3		C154	* C2	D316	* A3	IC123	D3	R10	* A2	R124	* B2	R333	B1	R414	A1	R541	* B3	RB304	A1	C21	* B1	C101	A2	C322	* A2	C404	* C1	CL8	B1	
C22	D3		C155	* C3	D317	A3	IC124	A2	R12	B1	R125	* A2	R334	D2	R416	* A2	R542	* B3	RB305	A2	C22	* B3	C102	A2	C323	* A2	C405	* C2	CL9	B1	
C23	D3		C156	* C2	D318	* A3	IC300	B2	R13	C1	R126	D1	R335	D2	R417	* A2	R544	* B3	RB306	* B1	C23	* B3	C103	A2	C324	* A2	C406	* C1	CL10	B1	
C24	C3		C157	* C2	D319	A3	IC301	A3	R14	C1	R127	* B2	R336	D2	R418	B1	R545	* B3	RB307	* B1	C24	* B3	C104	A2	C325	* A2	C407	* C3	CL11	B3	
C25	D3		C158	* C3	D320	A3	IC302	* A3	R15	* B1	R128	D1	R337	B2	R419	B1	R546	* B3	RB308	A1	C25	* A2	C105	A2	C326	* A2	C408	* C1	CL12	B3	
C26	* D3		C159	* C2	D321	* A3	IC303	* A3	R16	* C1	R129	D1	R338	B2	R420	B1	R547	* B3	RB309	B1	C26	* A2	C106	A2	C327	* A2	C409	* C1	CL13	B1	
C27	* C3		C160	* C3	D501	A3	IC304	A3	R17	* C1	R130	D1	R339	* B2	R421	B1	R549	* B3	RB310	* B1	C27	* A3	C107	B2	C328	* A2	C410	* C1	CL14	A1	
C28	* D3		C161	* D3	D502	* B1	IC305	* B2	R18	C1	R131	C1	R340	D2	R422	B1	R550	* B3	RB311	* B1	C28	* B2	C108	C2	C329	* A2	C411	* C1	CL15	B1	
C29	D3		C162	* D3	D503	B3	IC306	B2	R19	* A3	R132	C1	R341	B2	R423	* A2	R551	* B3	RB501	* A1	C29	* B2	C109	B2	C330	* A3	C412	* C1	CL16	B1	
C30	D3		C163	* D3	D504	* B3	IC307	B1	R20	* A3	R133	C1	R342	B2	R424	* A2	R552	* B3	RB502	A1	C30	* B1	C110	B2	C331	* A3	C413	* C3	CL17	B1	
C31	* D3		C164	D2	D505	* B3	IC308	B1	R21	A3	R134	C1	R343	B2	R425	B1	R553	* B3			C31	* A2	C111	B2	C332	* A3	C414	* C1	CL18	B1	
C32	C3		C165	D2	D506	* B3	IC309	B1	R22	A3	R135	D1	R344	* B2	R426	B1	R554	B3	S1	D1	C32	* A2	C112	C2	C333	* A2	C415	* C3	CL19	B1	
C33	C3		C166	D2	D507	B3	IC310	B1	R23	* B3	R136	C1	R345	B2	R427	B1	R555	B3	S2	B1	C33	* A1	C113	* B2	C334	* A2	C416	* C3	CL20	B3	
C34	* C3		C167	* A2	D508	B3	IC311	A1	R24	A3	R137	D1	R346	* B2	R428	B1	R556	B3			C34	* B2	C114	B1	C335	* A2	C417	* C3	CL21	B3	
C35	D3		C168	* A2	D509	* B2	IC501	A1	R25	C3	R138	D1	R347	* B2	R429	B1	R558	B3	TP1	D1	C35	* B2	C115	B1	C336	* A2	C418	* C3	CL22	B1	
C36	D3		C169	* A2	D510	B3	IC502	A2	R26	D3	R139	D1	R348	B2	R430	B1	R559	B3			C36	* B2	C116	B1	C337	* A2	C419	* C3	CL23	B1	
C37	* D3		C170	A2			IC503	A2	R27	B3	R140	C1	R349	B2	R431	B1	R560	B3	X101	* C2	C37	* A2	C117	B1	C338	* A3	C420	* C3	CL24	B3	
C38	D3		C171	* A2	E1	A1	IC504	A1	R28	C3	R141	C1	R350	B2	R432	B1	R562	B3	X102	D1	C38	* A2	C118	B3	C339	* A3	C421	* C3	CL25	B3	
C39	C3		C172	* A2	E2	A3	IC505	A2	R29	B3	R142	* C1	R351	* B2	R433	B1	R566	B3			C39	* B2	C119	B3	C340	* A3	C422	* C3	CL26	B1	
C40	D3		C173	* A2	E3	D1	IC506	A1	R30	D3	R143	C1	R352	B2	R434	* B2	R567	B3			C40	* B2	C120	B1	C341	* A3	C423	* C3	CL27	B3	
C41	* D3		C174	* A2	E4	D3	IC507	* B3	R31	B3	R144	C1	R353	* B2	R435	B1	R568	B3			C41	* B2	C121	B1	C342	* A3	C424	* C3	CL28	B3	
C42	* C3		C175	* A2			IC509	* B3	R32	D3	R145	B2	R354	B2	R436	B1	R571	B3			C42	* A2	C122	B3	C343	* A3	C425	* C3	CL29	B3	
C43	* D3		C301	A3	FB1	A3	IC510	B3	R33	B3	R146	B2	R355	B2	R437	* B2	R573	B3			C43	* A2	C123	B3	C344	* A3	C426	* C3	CL30	B3	
C44	* B3		C302	* A3	FB301	A3	IC511	B3	R34	C3	R147	C1	R356	* B2	R438	B2	R576	B3			C44	* A2	C124	B1	C345	* A3	C427	* C3	CL31	B3	
C45	* B3		C303	* B2	FB302	A3	IC514	* B1	R35	B3	R148	A2	R357	B2	R439	B1	R580	B3			C45	* B2	C125	A1	C346	* A3	C428	* C2	CL32	B3	
C46	B3		C304	* B2	FB303	* A3	IC515	C1	R36	B3	R149	B2	R358	B2	R440	B2	R582	B3			C46	* B2	C126	B3	C347	* A3	C429	* C2	CL33	B3	
C47	B3		C305	* B2	FB304	* A3	IC517	A3	R37	D3	R150	B2	R359	B2	R441	* B2	R584	B3			C47	* A2	C127	B3	C348	* A2	C430	* C2	CL34	B3	
C101	* B2		C306	* B2	FB305	* A3	IC518	D1	R38	D3	R151	C1	R360	* B2	R442	B2	R585	B3			C48	* A2	C128	B1	C349	* A3	C431	* C2	CL35	B1	
C102	* B2		C307	* B1	FB306	B2			R39	D3	R152	B2	R361	* B2	R443	B1	R586	B3			C49	* A2	C129	B1	C350	* A3	C432	* C2	CL36	B1	
C103	* B2		C308	* B2	FB307	B2	L1	B3	R40	C3	R153	C1	R362	B2	R444	B1	R587	B3			C50	* A2	C130	B3	C351	* A3	C433	* C3	CL37	B1	
C104	* C2		C309	* B2	FB308	* A3	L2	* D3	R41	D3	R154	C1	R363	* B2	R445	* B2	R588	B3			C51	* A2	C131	B3	C352	* A3	C434	* C3	CL38	B1	
C1																															

F65

C174	* D6	C275	* D4	C372	* D3	C476	* D3	C572	* B2	C683	A3	FB5	* E6	IC53	B4	R18	* E1	R101	E5	R184	D6	R283	* D3	R402	* C3	R536	A5	RB70	D5	SL1	* E1	DU-560 1-885-642-11 *: B SIDE	
C175	* D6	C276	* D3	C373	* C3	C490	* D2	C573	* B2	C684	A2	FB6	D5	IC55	* B5	R19	* E1	R102	E5	R185	D5	R284	* E3	R420	D2	R537	A5	RB71	D5	SL2	* E1		
C176	* D6	C277	* D3	C374	* C3	C491	* D2	C574	* B1	C685	* A2	FB7	D5	IC56	* B5	R20	* E1	R103	E5	R186	D6	R285	* D3	R421	D2	R538	A5	RB72	D5	SL3	* E1		
C177	* D6	C278	* D3	C375	* D3	C492	* D1	C575	* B1	C686	* A2	FB8	* D6	IC57	* B5	R21	* E1	R104	E5	R187	D6	R286	D4	R422	* D2	R539	A5	RB73	D5	SL4	* E1		
C178	* D6	C279	* D4	C376	* D3	C493	* D1	C576	* B2	C687	* A2	FB9	* D5	IC58	* B5	R22	* E2	R105	E5	R188	D6	R295	C3	R423	D1	R540	A5	RB74	D4	SL5	B2		
C179	* D6	C280	* D2	C377	* D3	C494	* D2	C577	* B2	C688	* A2	FB10	* D5	IC59	* B5	R23	* E2	R106	E5	R189	* C6	R296	C3	R424	D1	R541	A5	RB75	D4	SL6	D5	CN1	A1
C180	* D6	C281	* D2	C378	* D3	C495	* D1	C578	* B2	C689	* A2	FB15	* D3	IC60	* B5	R24	* E2	R107	E5	R190	* C6	R297	* C3	R425	C2	R542	A5	RB78	* C1	TP1	C5	IC1	A1
C181	E6	C282	* D3	C379	* D3	C496	* D1	C579	* B2	C690	B2	FB16	* D3	IC61	* B5	R25	* E2	R108	E5	R191	D6	R298	* C3	R426	C2	R543	* A2	RB79	* C2				
C182	E6	C283	* D2	C380	* C3	C497	* D1	C580	* B2	C691	B2	FB17	* D3	IC62	* B5	R26	* E2	R109	E5	R192	D6	R299	* C3	R427	* C2	R544	A5	RB80	* C2				
C183	D6	C284	* D3	C381	* C3	C498	* D2	C581	* B2	C692	* A2	FB18	* D4	IC65	C3	R27	* E2	R110	E5	R193	D6	R300	B1	R428	C1	R545	* A2	RB81	* C2	X1	C5	R1	A1
C184	D6	C285	* D3	C382	* D3	C499	* D1	C582	* B2	C693	* A2	FB19	* D2	IC66	A1	R28	* E2	R111	E5	R194	D6	R301	B1	R429	C1	R546	* A2	RB82	* C1	X2	C5	R2	A1
C185	D6	C286	* D3	C383	* D3	C500	* D2	C583	* B1	C694	* A2	FB20	* D3	IC67	A1	R29	* E2	R112	E5	R195	* C6	R302	B1	R430	B2	R547	* A2	RB83	* C2	X3	B4	R3	A1
C186	D6	C287	* D2	C384	* D3	C501	* D1	C584	* B1	C695	* D3	FB21	* D2	IC68	A1	R30	* E2	R113	E6	R196	D6	R303	* C3	R431	B3	R548	* D3	RB84	* B2	X4	* A3	R4	A1
C187	D5	C288	* D3	C385	* D3	C502	* D1	C585	* B1	C696	* D3	FB22	* D3	IC69	A1	R31	* E2	R114	E5	R197	D6	R304	* C3	R432	* B3	R549	* D4	RB85	* B2				
C188	D5	C289	* D2	C386	* D3	C503	* D2	C586	* B1	C697	E3	FB25	* C3	IC73	C4	R32	* E1	R115	E5	R198	D6	R305	A1	R433	B3	R550	* D3	RB86	* B2				
C195	B4	C290	* D2	C387	* D3	C504	* C2	C587	* B1	C698	* D3	FB26	* C3	IC74	B3	R33	* E1	R116	E6	R199	D6	R306	B1	R434	B2	R551	* D3	RB87	* B2				
C196	B4	C291	* D2	C388	* C3	C505	* C2	C600	* C2	C699	* B3	FB30	* C4	IC75	* E4	R34	* D1	R117	E6	R200	E6	R320	* C3	R435	B1	R552	* D3	RB88	* B2				
C197	B4	C292	* D2	C389	* D3	C506	* C2	C601	* C2	C700	A5	FB31	* D3	IC79	C5	R35	* D1	R118	E6	R201	* D6	R321	* C3	R436	B2	R553	* D3	RB89	* B2				
C198	B4	C293	* D3	C390	* C4	C507	* C2	C602	* C2	C701	* B6	FB32	* D2	IC80	D5	R36	* D1	R119	E6	R202	* D6	R322	* C3	R437	* B2	R554	* D3	RB93	B1				
C199	B4	C294	* D3	C391	* C4	C508	* C2	C603	* C2	C702	* E6	FB33	* C3	IC81	D1	R37	* D1	R120	E6	R203	D6	R323	* C3	R438	B2	R555	* D3	RB94	B1				
C200	B4	C295	* D3	C392	B4	C509	* C2	C604	* C2	C703	* C4	FB50	* C2	IC82	C1	R38	* E1	R121	E5	R204	* D6	R324	* C3	R439	B1	R556	* D2	RB95	B1				
C201	B4	C296	* D3	C393	B3	C510	* C1	C605	* C2	C704	* A3	FB51	* C2	IC83	B3	R39	* E3	R122	E6	R205	* E6	R325	* C3	R450	* C2	R557	* A2	RB96	B1				
C202	B4	C305	C3	C394	* D3	C511	* C1	C606	* C2	C705	B5	FB52	* C3	IC84	B2	R40	* E3	R123	E6	R206	* E6	R326	* C3	R451	* C2	R558	* D3	RB97	C1				
C203	B4	C306	* C3	C395	* D3	C512	* C1	C607	* C3	C706	B6	FB53	* C2	IC90	A3	R41	* E3	R124	E5	R207	E6	R327	* C3	R452	* C3	R559	* D3	RB98	B1				
C210	* B5	C307	* C3	C396	* E4	C513	* C1	C608	* C2	C707	D6	FB54	* C2	IC91	* A5	R42	* E3	R125	E5	R208	D6	R328	* C3	R453	* C3			RB99	B1				
C211	* B5	C308	A1	C397	* D2	C514	* C1	C609	* C2	C708	* B2	FB55	* D2	IC92	* A5	R43	B5	R126	E5	R209	D6	R329	* C4	R454	* C2	RB1	* A5	RB100	C1				
C212	* B5	C309	A1	C398	* D2	C515	* C2	C610	* C2	C709	* B3	FB56	* D2	IC93	* A5	R44	B5	R127	E5	R210	D6	R330	* C3	R455	* C2	RB2	* A5	RB101	C1				
C213	* B5	C310	A1	C399	* C3	C516	* C2	C611	* C2	C710	* D2	FB60	* A3	IC94	A5	R45	B5	R128	E5	R211	D5	R331	* C3	R456	* C2	RB3	* A5	RB102	B2				
C214	* B5	C311	B1	C400	* C3	C517	* C2	C612	* C3	CL1	D1	FB61	A3	IC95	A5	R46	B5	R129	E5	R212	D5	R332	* C3	R457	* B2	RB4	* A5	RB103	B2				
C215	* B5	C312	* C3	C401	* C2	C518	* C2	C613	* C3			FB62	B3	IC100	A2	R47	* E3	R130	E5	R213	E6	R333	B4	R458	* C3	RB5	* A6	RB104	B2				
C216	* B5	C313	* C3	C415	* D5	C519	* C2	C614	* C3	CL2	D1	FB63	* C3	L1	* D6	R48	* E3	R131	E5	R214	E6	R334	B4	R459	* B2	RB6	A6	RB105	B2				
C217	* B5	C320	* C3	C416	* C3	C520	* C2	C615	* C3	CL3	D1	FB64	* A2			L2	E5	R49	* E3	R132	E5	R215	* E2	R335	B3	R460	* D2	RB7	* A6	RB106	B2		
C218	* B5	C321	* D3	C417	* C5	C521	* C1	C616	* C3	CL4	D1	FB65	* D3	L3	E5	R50	* E3	R133	E5	R220	B4	R336	B4	R461	* D2	RB8	* A5	RB107	B2				
C219	* B5	C322	* B3	C418	* C5	C522	* C1	C617	* C3	CL5	B1	FB66	* A2	L4	B5	R51	* E3	R134	E5	R221	B4	R337	B4	R462	* C2	RB9	* A5	RB108	B2				
C220	* B5	C323	* D3	C419	* C5	C523	* C1	C618	* C3	CL6	B1	IC1	D3	L5	* C5	R53	B1	R136	E5	R223	B4	R339	* D4	R480	* A2	RB16	B4	RB110	B2				
C221	* B5	C324	* D3																														

LP-125 1-885-641-11 *: B SIDE	LP-126 1-885-636-11 *: B SIDE	MB-1169 1-885-646-11 *: B SIDE	FB34 B4 FB35 B4 FB36 B4 FB37 B4 FB38 B4 FB39 *A2 FB40 *A2 FB41 *A2 FB42 *A2 FB43 *B1 FB44 A1 FB45 *B1 FB46 A1 FB47 *B1 FB48 A1 FB49 *B1 FB50 A1 FB51 *B1 FB52 A1 FB53 *B6 FB54 *B6 FB55 *B6 FB56 *B6 FB57 *B6 FB58 *B6 FB59 *B6 FB60 *B6 FB61 *B6 FB62 *B6 FB63 *A1 FB64 *A1 FB65 *A1 FB66 *A1 FB67 *D3 FB68 *D3 FB69 *D4 FB70 *D4 FB71 *A6 FB72 *A6 FB73 *A6 FB74 *A6 FB75 *D5 FB76 E5 FB77 D5 FB78 D5 FB79 D4 FB80 D4 FB81 D4 FB82 D4 FB83 D4 FB84 D4 FB85 D4 FB86 D4 FB87 D4 FB88 D4 FB89 *D4 FB90 D4 FB91 *D4 FB92 D4 FB93 *D4 FB94 D4 FB95 *D3 FB96 *D3 FB97 *D3 FB98 *D3 FB99 *D3 FB100 *D3 FB101 *D3 FB102 *D3 FL1 *D2 FL2 *D2 IC1 *C1 L1 *C1 R1 *C1 R2 *C1 R3 *B1 R4 *B1 R5 *B1 R6 *D2	R7 *D2	NET-11 1-885-648-11 *: B SIDE	PRE-48 1-885-639-11 *: B SIDE	C93 *B3 C94 *A3 C95 *A3 C96 B4 C97 *B4 C98 *A4 C99 B4 C100 *B4 C101 *A4 C102 A4 C103 B4 C104 B4 C105 B4 C106 A4 C107 *B4 C108 *B4 C109 *A4 C110 *A4 C111 *B4 C112 *A4 C113 *B2 C114 *B2 C115 *B2 C116 B2 C117 B2 C118 B2 C119 *A2 C120 *B2 C121 A2 C122 *B2 C123 B2 C130 *A2 C131 *A2 C132 *A2 C133 *A2 CN1 D4 CN2 A3 D1 *B4 D2 B4 D3 A4 D5 A1 E1 *B3 E2 *C5 E4 D5 E5 *D5 FB3 C4 FB4 B4 FB5 B4 IC1 B5 IC2 A5 IC3 B5 IC4 C5 IC5 C4 IC6 B1 IC7 *B4 IC8 B3 IC9 B3 IC10 B4 IC11 B4 IC12 B2 IC13 B2 IC20 *A2 IC21 *A2 IC22 *A2 IC23 *A2 L3 *B4 L4 *A4 L5 *B4 L6 B4 L7 *A4 Q1 *B3 Q2 *A3 Q3 *B4 Q4 *A4 Q5 A2 Q6 A2	Q7 A3 R1 B4 R2 B5 R3 B4 R4 B4 R5 B5 R6 B4 R7 B5 R8 B4 R9 B5 R10 B4 R11 B4 R12 B4 R13 B5 R14 *B5 R15 B5 R16 B5 R17 B5 R18 B5 R19 B5 R20 A5 R21 *B5 R22 *A5 R23 A5 R24 *A5 R25 A5 R26 A5 R27 A5 R28 A5 R29 A5 R30 *A5 R31 *A5 R32 *B5 R33 C5 R34 C5 R35 C5 R36 B5 R37 C5 R38 C5 R39 C5 R40 *C5 R41 *C5 R42 *D5 R43 *D5 R44 A5 R45 *C5 R46 D5 R47 D5 R48 D5 R49 D5 R50 D5 R51 D5 R52 D5 R53 *D5 R54 *D5 R55 *D4 R56 *D4 R57 *D4 R58 D4 R59 D4 R60 D4 R61 D4 R62 D4 R63 C4 R64 C4 R65 C4 R66 D4 R67 C4 R68 C4 R69 *C4 R70 *C4 R71 *C4 R72 C4 R73 C4 R74 C4 R75 C4 R76 B2 R77 B2 R78 B2 R79 B2 R80 B1 R81 B1 R82 B1 R83 B1 R84 B1 R85 B1 R86 B1 R87 B1 R88 *B1 R89 *B1 R90 B1 R91 B1 R92 B1 R93 B1	R94 B1 R95 B1 R96 B1 R97 B1 R98 B1 R99 A2 R100 A1 R101 *B1 R102 *B1 R103 A1 R104 *B1 R105 *B4 R106 *B3 R108 *C4 R109 *C4 R110 *C4 R111 *B4 R112 *B4 R113 *B4 R114 *B4 R115 *B4 R116 *B4 R117 *B4 R118 *B4 R119 *B4 R120 C4 R121 B4 R122 *B3 R123 *B3 R124 *B3 R125 B3 R126 B3 R127 B3 R128 B3 R129 B3 R130 B3 R131 B3 R132 B3 R133 B3 R134 B3 R135 B3 R136 A3 R137 A3 R138 *B3 R139 *B3 R140 *B3 R141 A3 R142 *B3 R143 *B3 R144 *A3 R145 A3 R146 B4 R147 A4 R148 B4 R149 B4 R150 B4 R151 B4 R152 B4 R153 B4 R154 A4 R155 A3 R156 A4 R157 A4 R158 *B2 R159 *B2 R160 *B2 R161 B2 R162 B2 R163 B2 R164 B2 R165 B2 R166 B2 R167 B2 R168 B2 R169 B2 R170 B2 R171 B2 R172 A2 R173 A2 R174 *B2 R175 *B2 R176 *B2 R177 A2	R178 *B2 R179 *B3 R180 *B3 R200 *A2 R201 *B2 R202 *A3 R203 *A2 R204 *A2 R205 *A3 R206 *A3 R207 *A3 R208 *A2 R209 A1 TP1 A4 TP2 C4 TP3 A1 TP4 B4 TP5 A2 TP6 A3 TP7 A3 TP8 A4 TP9 A2	PS-811 1-885-655-11 *: B SIDE	C1 B1 C2 C1 C3 B1 C4 B3 C5 C1 C6 A1 C7 C1 C8 A1 C9 C1 C10 C1 C11 C1 C12 C1 C13 C1 C14 C2 C15 C2 C16 C2 C17 B1 C18 B1 C19 C3 C20 B2 C21 C3 C22 C3 C23 A3 C24 A1 C25 C3 C26 C3 C27 A1 C28 A2 C29 C2 C30 A2 C31 A2 C32 C3 C33 C2 C35 C3 C36 C3 C37 B3 C38 B3 C39 B3 C40 B3 C41 B3 C42 B3 C43 C1 C44 B2 C45 B2 C46 B2 C47 B3 C49 B3 C50 B3 C51 C2 C52 C2 C53 B1 C54 A2 C55 C2 C56 C2 C57 A3 C58 A3 C59 A3 C60 B2 C61 A2 C62 A1 C63 A3 C65 C2 C66 A3 C67 B1 C69 B2 C70 C1 C71 B2 C72 A3 C73 A3 C74 A3 C75 A3 C76 A3 C77 A3 C78 A3 C79 A3 C80 C1 C81 C1 C82 C1	CL1 C1 CL2 C1 CL3 A1 CL4 C1 CL6 C1 CL10 C1 CL12 C3 CL14 B3 CL15 B3 CN1 A2 CN2 A3 CN3 A3 CN4 C3 CN5 C3 CN6 C3 CN7 C2 CN8 C2 D1 B1 D2 C1 D3 C1 D4 C1 D5 C1 D8 C2 D9 C2 D10 A2 D11 A2 D12 C3 D13 B3 D14 B3 D15 C2 D17 A3 D18 C1 D19 C1 D23 B1 D24 C1 D25 B1 D26 A2 D27 A2 D28 A2 D29 C2 D30 C3 F1 C3 F2 C3 F3 B2 F4 B2 F5 B2 F6 B2 IC1 B1 IC2 C1 IC3 C1 IC4 C1 IC5 A1 IC6 C1 IC7 C1 IC8 B1 IC9 B3 IC10 B3 IC11 C2 IC12 C3 IC13 A2 IC14 A3 IC16 B1 IC17 A3 IC18 C2 IC19 A1 IC20 A3 IC21 C1 L1 B3 L2 B3 L3 C2 L4 A2 L5 A3 L6 B1 L7 B2	Q4 C1 Q5 C1 Q6 C1 Q7 C1 Q8 C1 Q9 C1 Q10 C1 Q11 C1 Q12 C1 Q13 C1 Q14 C3 Q15 B1 Q16 C2 Q17 C2 Q18 C2 Q19 A1 Q20 A2 Q21 A2 Q22 A2 Q23 C2 Q24 C3 Q25 C2 Q26 A1 Q27 A2 Q28 A2 Q29 A2 Q30 C2 Q31 B3 Q32 C2 Q33 C3 Q34 C3 Q35 C3 Q36 C3 Q37 C3 Q38 C1 Q39 C1 Q40 B3 Q41 C3 Q42 C3 Q43 C3 Q44 C2 Q45 C3 Q46 A2 Q47 C3 Q48 A3 Q49 A3 Q50 A3 Q51 C3 Q52 A3 Q53 A3 Q54 A3 Q55 C3 Q56 C2 Q57 C1 Q58 C3 Q59 C2 Q60 C2 Q61 A1 Q62 C2 Q63 C2 Q64 C2 Q65 A3 Q66 C2 Q67 C2 Q68 C1 Q69 B2 Q70 C1 Q71 B1 Q72 B1 Q73 C2 Q74 C3 Q75 C2 Q76 C2 Q77 C2 Q78 C1 Q79 C1 R1 B1 R2 B1 R3 B1 R4 B1 R5 C1 R6 C1 R7 B1 R8 B1 R9 B1 R10 C1 R11 C1 R12 C1 R13 C1	R14 C1 R15 C1 R16 C1 R17 A1 R18 A1 R19 A1 R20 A1 R21 A1 R22 A1 R23 A1 R24 A1 R25 C1 R26 C1 R27 C1 R28 C1 R29 A1 R30 B3 R31 C1 R32 C1 R33 C1 R34 C1 R35 C1 R36 B3 R37 A1 R38 A1 R39 C1 R40 A1 R41 C1 R42 C1 R43 C1 R44 C1 R45 C1 R46 C1 R47 C1 R48 C1 R49 C1 R50 C1 R51 C1 R52 C1 R53 C1 R54 C1 R55 C1 R56 C1 R57 A1 R58 B2 R61 B2 R62 B2 R64 A1 R66 C3 R67 C3 R69 C1 R70 C1 R71 B1 R72 B1 R73 C2 R74 C3 R75 C2 R76 C2 R77 C3 R78 C3 R79 A1 R80 A2 R81 A2 R82 A2 R83 C2 R84 C3 R85 C2 R86 C3 R87 A1 R88 C2 R89 A1 R90 A2 R91 A2 R92 C2 R93 B1 R94 A2 R95 C3 R96 C2 R97 B1 R98 C3 R99 B1 R100 B1 R101 B1	R102 C2 R103 C3 R104 C3 R105 C3 R106 C3 R107 C2 R108 B3 R109 C3 R110 C1 R111 B3 R112 B3 R113 C3 R114 C1 R115 B3 R116 C3 R117 C1 R118 C1 R119 C3 R120 C1 R121 C1 R122 C3 R123 C1 R124 C3 R125 C2 R126 A1 R127 B3 R128 B3 R129 B3 R130 B3 R131 B3 R132 B3 R133 C2 R134 A2 R135 B3 R136 A1 R137 A1 R138 C2 R139 A2 R140 C2 R141 C2 R142 C2 R144 A3 R145 B1 R146 C3 R147 C2 R148 B2 R149 C2 R150 A3 R151 A3 R152 A2 R154 A3 R155 A3 R156 A3 R157 C2 R158 C3 R159 C2 R160 C2 R161 A3 R162 A3 R163 A3 R164 A3 R165 A3 R166 A3 R167 A3 R168 A3 R169 C3 R170 A2 R171 A3 R172 A3 R173 A3 R174 A3 R175 A2 R176 A2 R177 A3 R178 C3 R179 C3 R180 A3 R181 A3 R183 C2 R184 C1 R186 C2 R188 A3 R190 A1	R191 C3 R192 A1 R193 A1 R203 C1 R204 C3 R205 A3 R206 A3 R207 A3 R208 A3 R209 A3 R210 A3 R211 C1 R212 C2 R213 A1 R214 C1 R215 C1 R220 C2 R221 C1
--	--	---	--	--------	--	--	---	--	---	---	--	---	---	---	--	---	--

RE-278 1-885-652-11 *: B SIDE	C142	D2	CL115	* D1	L111	C1	R27	B2	R149	* C2	R232	* C1	THP105	B1	SIO-32 1-885-643-11 *: B SIDE	SW-1502 1-885-650-11 *: B SIDE	IC1	* C1	SW-1513 1-885-651-11 *: B SIDE	R54	* A1	SW-1514 1-885-644-11 *: B SIDE	SY-393 1-885-656-11 *: B SIDE	C177	B1	C306	* D2		
	C143	* D2	CL116	* D1	L112	B1	R28	B2	R150	* C2	R233	* C1	THP2	* A3			IC2	* D1		R55	* A1			C178	* C3	C307	* D3		
	C144	D2	CL117	* D1	L113	* C1	R29	B2	R151	C2	R234	* C1	THP3	* A3			IC3	* D1		R56	* A1			C179	* B3	C308	* D3		
	C145	* D2	CL118	* C1	L114	B1	R30	B2	R152	C2	R235	* C1	THP4	* A3			IC4	* D2		R57	* A1			C180	D3	C309	D3		
	C1	B2	C146	D2			R31	* B2	R153	C2	R236	* C1	THP6	* A3			IC5	* D2		R58	* A1			C181	B1	C310	* C3		
	C2	* B2	C147	D2	Q1	* B2	R32	* B2	R154	C2	R237	* C1	THP7	* A3			IC6	* D2		R61	* E1			C182	* C3	C311	D3		
	C3	* B2	C148	* D2	CL120	* B1	R33	B2	R155	C2	R238	* B1	THP9	* A3			IC7	* D1		R62	* E1			C183	* C3	C312	* C3		
	C4	* B2	C149	D2	CL121	* C1	R34	B2	R156	C2	R239	* B1					IC8	* B1		R63	* E1			C184	D3	C313	* C2		
	C5	* B2	C150	* D2	Q4	* B2	R35	B2	R157	C2	R240	* B1								R64	* E1			C185	B1	C314	* C2		
	C6	* B2	C151	D2	Q5	* B2	R36	B2	R158	C2	R241	* B1					CN1	A1		R65	* E1			C186	C3	C315	* C3		
C7	* B2	C152	* D2	CN2	D2	R37	B2	R159	C2	R242	* B1			CN2	A1	Q7	* A1	C9	D1	R66	* E1	EN1	A1	C187	C3	C316	D3		
C8	* B2	C153	D2	CN3	A2	Q100	* D3	R38	B2	R160	C2	R243	* B1			Q8	* A1	C11	* B1	R67	* E1			C188	D3	C317	* C3		
C9	B2	C154	* B1			Q101	* C3	R39	B2	R161	C2	R244	B1	FB1	A1	Q9	* D1	C21	* B1	R68	* E1			C189	B1	C318	* C3		
C10	* B2	C155	* C1	D1	* B2	Q103	* C2	R40	B2	R162	C2	R245	* C1	FB2	A1	C10	* D1	C31	* C1	R73	* A1	R1	A1	C107	* C3	C190	C2	C319	* C2
C11	* B2	C156	* B1	D2	* B2	Q104	* C2	R41	B2	R163	C2	R246	* B1	FB3	A1	C11	* D1	C41	* D1	R74	* A1	R2	A1	C108	* A3	C191	C2	C320	* C2
C12	* B2	C157	C1	D3	* B2	Q105	B2	R42	* B2	R164	C3	R247	* B1	FB4	A1	C12	* D1			R77	* E1	R3	A1	C109	* C3	C192	* B2	C321	* C2
C13	B2	C158	A1	D4	* B2	Q106	B2	R43	B2	R165	* C2	R248	* C1	FB5	A1	C13	* C1	CL1	* B1	R78	* E1	R4	A1	C110	* B3	C193	* B2	C322	* C2
C14	B2	C159	* C1	D5	* B2	Q107	* C2	R44	* B2	R166	* C2	R249	* D1			C14	* C3	R2	* C1					C111	* C3	C194	* B3	C323	* C2
C15	B2	C160	* A1	D6	* A2	Q108	* C2	R45	B2	R167	* C2	R250	* D1			C15	* C1	R3	* C1	CL2	* B1	RB1	* D1	C112	* B3	C195	* B2	C324	D3
C16	B2	C161	* B1	D7	* B2	Q109	C2	R46	* B3	R168	* C2	R251	* B1			C16	* C1	R4	* D1	CL3	* A1	RB2	* D1	C113	* C3	C196	A3	C325	* C2
C17	* B2	C162	D1	D8	* B3	Q110	* C2	R47	* B3	R169	* C2	R252	* B1			C17	* C1	R5	* D1	CL4	* A1	RB3	* D1	C114	* B3	C200	* D2	C326	* C2
C18	* B2	C163	* B1	D9	* B3	Q111	D2	R48	* B3	R170	C3	R253	* B1			C18	* C1	R6	* D1	CL6	* A1	RB4	* D1	C115	* C3	C201	* D2	C327	* C2
C19	* B2	C164	* B1	D100	* C2	Q112	* D2	R49	* B3	R171	C3	R254	* D1			C19	* C1	R7	* D1	CL7	* E1	RB5	* D1	C116	* A3	C202	* D2	C328	* C2
C20	B2	C165	* C1	D101	B2	Q113	* D2	R50	* B2	R172	* C3	R255	* D1			C20	* C1	R8	* D1	CL8	* E1			C117	* A3	C203	* D2	C329	* C2
C21	B2	C166	C1	D102	* C3	Q114	D2	R51	* B2	R173	* C3	R256	* C1			C21	* D2	R9	* D1	CL10	* E1			C118	* C3	C204	* C2	C330	* C2
C22	* A2	C167	* A1	D103	* C3	Q115	D2	R52	* B2	R174	* C3	R257	* C1			C22	* D2	R13	* D2	CN1	E1	S1	B1	C119	* B3	C205	* D2	C331	* D3
C23	* B2	C168	* C1	D104	* C3	Q116	* D2	R53	* B2	R175	* C3	R258	* B1			C23	* D2	R14	* D2			S2	B1	C120	* C3	C206	* D2	C332	* D3
C24	A2	C169	* B1	D105	* D3	Q117	* C2	R54	* B2	R176	D2	R259	* D1			C24	* D1	R15	* D2	D11	A1	S3	C1	C121	* B3	C207	* D2	C333	* D3
C25	B2	C170	* B1	D106	* C3	Q118	D2	R55	* B2	R177	D2	R260	* C1			C25	* B1	R16	* D2	D12	B1	S4	D1	C122	* A3	C208	* D2	C334	* D3
C26	* B3	C171	C1	D107	* C3	Q119	* B1	R56	* C2	R178	D2	R261	* C1			C26	* C1	R21	* B1	D21	B1	SL1	* C1	C123	* C3	C209	* D2	C335	* D2
C27	* B3	C172	B1	D108	* D1	Q120	* B1	R57	* B2	R179	D2	R262	* A1			C27	* D1	R22	* B1	D22	B1			C124	* B3	C210	* D2	C336	* D3
C28	A2	C173	* D1	D109	* D1	Q121	* B1	R59	B2	R180	D2	R263	* A1			C28	* D1	R23	* B1	D31	C1			C125	* C3	C211	* C2	C337	* D2
C29	B2	C174	* D1	D110	* B1	Q122	D2	R60	* B3	R181	D2	R264	* A1			C31	* B3	R24	* B1	D32	C1			C126	* A3	C212	* D2	C338	* D2
C30	* B3	C175	* D1	D111	* B1	Q123	* B1	R61	* B3	R182	D2	R265	* D1			C32	* C3	R31	* C1	D41	C1			C127	* A3	C213	* D2	C339	D3
C31	* B3	C176	* B1	D112	* C1	Q124	* C1	R100	C2	R183	* D2	R266	* D1			C33	* C3	R32	* C1	D42	D1			C128	* B3	C214	* D2	C340	* D3
C32	* B2	C177	C1	D113	* A1	Q125	* D1	R101	* C2	R184	* D2	R267	* D1			C34	* B1	R33	* D1	D51	A1			C129	* C3	C215	* D2	C341	D3
C33	A3	C178	D1	D114	* D1	Q126	* B1	R102	* C2	R185	D2	R268	* D1			C35	* C1	R34	* D1	D53	A1			C130	* B3	C216	* D2	C342	D3
C34	B3	C179	* B1	D115	* D1	Q127	* D1	R103	* C2	R186	D2	R269	* C1			C36	* C1	R35	* D1	D61	E1			C131	* B3	C217	C2	C343	* D2
C35	B3	C180	B1	D																									

C415	* D3	C563	B2	CL318	D2	FB400	* D2	IC510	* B1	R1030	* B3	R2035	* D2	R2124	D2	R3042	D3	R4042	C3	R5073	* C1	RB218	* C2	TG-279 1-885-645-11 *: B SIDE	C80	* A4	E2	A4	R20	* C3	R103	C4		
C416	* D3	C564	* B2	CL400	* D2	FB401	D1	IC511	* A3	R1031	* C3	R2036	* D2	R2125	* D1	R3043	D3	R4043	C3	R5077	* C2	RB219	* C2		C81	* A4			R21	* C3	R104	C4		
C417	D3	C565	* B2	CL401	D2	FB402	D1	IC512	* A3	R1032	* C3	R2037	* D2	R2126	* D1	R3044	* D2	R4044	C3	R5078	B1	RB220	* C2		C82	C2	FB100	C2	R22	* C3	R105	C4		
C418	* D3	C566	* B2	CL402	C3	FB403	D1	IC513	C2	R1033	* A3	R2038	D2	R2127	* D1	R3045	* D2	R4045	C3	R5081	B1	RB221	* C2		C83	C2	FB101	B1	R23	* B3	R106	C4		
C419	* D3	C567	* B2	CL403	C3	FB404	D1	IC514	A2	R1034	* C3	R2039	D1	R2128	* D1	R3046	D2	R4046	C3	R5082	B1	RB222	A2		C84	C3	FB102	B1	R24	* B3	R107	C4		
C420	* D3	C568	* B2	CL404	C3	FB405	D2	IC515	C2	R1035	* B3	R2040	D1	R2129	* D2	R3047	D3	R4047	* A2	R5083	C1	RB223	A2		C2	B4	FB103	B1	R25	* B3	R108	C4		
C421	D3	C569	* B2	CL500	B2	FB406	D2	IC517	B1	R1036	* C3	R2041	D2	R2130	* D2	R3048	D3	R4048	* D3	R5084	C1	RB224	A2		C3	B4			R26	* B3	R109	C4		
C422	D3	C570	* B2	CL501	B2	FB407	D2	IC518	A2	R1037	* A3	R2042	D1	R2131	* D2	R3049	D3	R4049	* A3	R5086	* C2	RB225	A2		C4	B4	IC1	D4	R27	* B3	R110	D4		
C423	D3	C571	* B1	CL502	B1	FB408	D2	IC520	B2	R1038	* C3	R2043	* D2	R2140	* C2	R3050	D2	R4050	D2	R5087	* C2	RB226	A1		C5	* B4	C88	A2	IC2	B4	R28	* B3	R111	D4
C424	* D3	C572	* B1	CL503	C2	FB500	B2	IC521	* B2	R1039	* B3	R2044	* D2	R2141	* C2	R3051	D2	R4051	D2	R5088	C1	RB227	A1		C6	* C4	C89	A2	IC3	C4	R29	* B3	R112	D4
C425	D3	C573	* B2	CL504	C2	FB501	B2	IC522	B2	R1040	* C3	R2045	* D2	R2142	* C2	R3052	D2	R4052	D2	R5089	C1	RB229	C2		C7	B4	C90	A2	IC4	* A4	R30	* B3	R113	D4
C426	* A3	C574	* C1			FB502	* B2	IC523	B2	R1041	* B3	R2046	* D2	R2143	C2	R3053	D2	R4053	C3	R5090	* C2	RB230	C1		C8	B4	C91	A2	IC5	* A2	R31	* C3	R114	D4
C427	* A2	C575	* B2	CN100	A2	FB503	* B2	IC524	* B2	R1042	* C3	R2047	* D2	R2144	C2	R3054	D3	R4054	* D2	R5091	C2	RB231	C2		C9	* C4	C100	A1	IC6	A2	R32	B3	R115	D4
C428	C3	C576	* B2	CN201	C1	FB504	A2			R1043	* C3	R2048	* D2	R2145	C2	R3055	D3	R4055	* D2	R5092	* B1	RB232	C2		C10	B4	C101	B2	IC7	B4	R33	B3	R116	* A4
C429	C3	C577	* C2	CN203	D2	FB505	A2	L100	A3	R1044	* B3	R2049	* D2	R2146	C2	R3056	D3	R5000	C2	R5094	* C2	RB233	C2		C11	* B4	C102	C1	IC8	B4	R34	B3	R117	* A4
C430	C3	C578	* C2	CN204	* D2	FB506	A2	L101	C3	R1045	* B3	R2050	* D2	R2147	C2	R3057	D2	R5001	C2	R5095	C1	RB234	C2		C12	* C4	C103	C1	IC9	* B4	R35	B3	R118	* A4
C431	C3	C579	* B2	CN400	D1	FB507	A2	L102	B3	R1046	* C3	R2051	* D2	R2148	* D2	R3058	D2	R5002	B2	R5096	C1	RB241	* D2		C13	* C4	C104	C1	IC10	* C4	R36	D4	R119	* A4
C432	C3	C580	* B2	CN401	D2	FB508	B1	L103	C3	R1047	* C3	R2052	D1	R2149	A2	R3059	D2	R5003	B2	R5097	C2	RB242	* D2		C14	* C4	C105	C1	IC11	B4	R37	D4	R120	* A2
C433	* A2	C581	* B1	CN402	D3	FB509	B1	L104	D3	R1048	* A3	R2053	* D2	R2150	A2	R3060	D2	R5004	B2	R5098	C2	RB243	* D1		C15	B4	C106	C1	IC12	A4	R38	D4	R121	* A2
C434	* A3	C582	A3	CN403	C3	FB510	C1	L105	B1	R1049	* C3	R2054	* D2	R2151	A2	R3061	D2	R5005	B2	R5099	C2	RB244	* D1		C16	B4	C107	C1	IC13	* A4	R39	D4	R122	* A2
C435	D2			CN501	B1	FB511	C1	L106	* C3	R1050	* B3	R2055	* D2	R2152	A2	R3062	D2	R5006	B2	R5100	* C2	RB400	B2		C17	B4	C108	C1	IC14	* A4	R40	* D4	R123	* A2
C436	D2	CL100	A1			FB512	B1	L107	* C3	R1051	* C3	R2056	* D2	R2153	C1	R3063	D2	R5007	* B2	R5101	C1	RB401	B2		C18	* B3	C109	B1	IC15	* A4	R41	D4	R124	* A2
C437	B3	CL101	A1	D100	B3	FB513	B1	L200	D1	R1052	* B3	R2057	* C1	R2154	C1	R3064	D2	R5008	B2	R5102	C1	RB402	* B2		C19	B4	C110	B1	IC16	A2	R42	D4	R125	* A2
C500	B2	CL102	A2	D101	* B3	FB514	B1	L201	D1	R1053	* A3	R2058	* D2	R2155	* C2	R3065	D2	R5009	* B2	R5103	C2	RB403	* B2		C20	D4	C111	B1	IC101	B2	R43	D4	R126	* A2
C501	B2	CL200	* C2	D102	* C3	FB515	B1	L202	* A1	R1054	* C3	R2059	* C1	R2156	* C2	R3066	D2	R5010	B2	R5104	C2	RB500	B2		C21	D4	C112	B1	IC102	C1	R44	D4	R127	A2
C502	* B2	CL201	D1	D103	* B3	FB516	C1	L400	* D2	R1055	* B3	R2060	* C1	R2157	* C2	R3067	D3	R5011	* B2	R5105	C2	RB501	B2		C22	D4	C113	C2	IC103	C2	R45	D4	R128	A2
C503	* B2	CL202	D1	D104	* C3	FB517	C1	L401	D2	R1056	* C3	R2061	* C2	R2160	* C2	R3068	D3	R5012	B2	R5106	C2	RB502	C2		C23	D4	C114	C2	IC104	C2	R46	D4	R129	B2
C504	* C2	CL203	D1	D400	D3	FB518	C2	L402	D2	R1057	* A3	R2062	* C2	R2161	* C2	R3069	D2	R5013	* B2	R5107	C1	RB503	C2		C24	D4	C115	C2	IC106	B2	R47	D4	R130	A2
C505	* B2	CL204	D1	D402	* A3	FB519	C2	L403	D1	R1058	* A3	R2063	* C2	R2162	* C2	R3070	D3	R5014	B2	R5108	C2	RB504	A2		C25	D4	C116	C2	IC107	A1	R48	D4	R131	* B3
C506	* B1	CL205	D1	D403	* A3			L404	D2	R1059	* C3	R2064	D1	R2163	D2	R3071	D2	R5015	B1	R5109	C2	RB505	A3		C26	* C3	C117	B1			R49	D4	R132	B3
C5																																		

R316	* B2	VDA-71 1-885-647-11 *: B SIDE	C83	* D4	C259	* B3	C350	E1	C454	* C2	C569	* B1	CL309	* D1	FB402	* C1	L2	* B3	R39	* C3	R201	B3	R322	* D1	R514	E2	R598	* A2	R690	* D3	RB207	* C3
R317	* B2		C84	* D4	C260	* B3	C351	E1	C455	* C2	C570	* B2	CL310	* D1	FB403	* C1	L3	E1	R40	* C3	R202	B3	R323	D1	R515	E2	R599	* A2	R691	* D3	RB208	* C4
R318	B2		C85	* E4	C261	* B4	C352	E1	C456	* B2	C571	* B1	CL311	* D1	FB404	C3	L4	* A1	R41	* C3	R203	B3	R324	D1	R516	E2	R600	* B1	R692	* D3	RB209	C3
R319	B2		C86	* D4	C262	* B4	C353	E1	C457	* B2	C572	* B1	CL312	D2	FB405	* C1	L5	* A1	R42	B3	R204	B3	R325	* D1	R517	E2	R601	* B2	R693	* D3	RB210	C4
R320	B2		C1	A2	C87	E4	C263	* B4	C354	E1	C458	* C2	C573	* B2	FB406	* D2	L6	* A1	R43	B3	R205	B3	R326	* D1	R518	E2	R602	* B1	R694	* C4	RB300	D1
R321	B2		C2	* A3	C88	E4	C264	* B4	C355	* E1	C459	* C2	C574	* B2	FB407	* C2	L7	* A1	R44	* B3	R206	B3	R327	* D1	R519	C1	R603	* B1	R695	* C4	RB301	* E2
R322	* B2		C3	* A3	C89	D4	C265	* B4	C356	* E1	C460	* B2	C575	* B1	FB408	* C1	L8	C4	R45	* B3	R207	B3	R328	* D1	R520	E2	R604	* B1	R696	* C4	RB400	* C2
R323	* B2		C4	A2	C90	D4	C266	* B4	C357	E1	C461	* B2	C576	* B1	FB500	D3	L9	D4	R46	* B3	R208	B3	R329	D1	R521	E2	R605	* B2	R697	* C4	RB401	C2
R324	* B2		C5	A2	C91	D4	C267	* B4	C358	E1	C462	* C2	C577	* B1	FB501	E2	L10	D4	R47	E1	R209	B3	R330	D1	R522	* E2	R606	* B1	R698	* C3	RB402	C2
R325	B2		C6	A3	C93	* D4	C268	* B4	C359	* E1	C463	* C1	C578	* B1	FB502	E2	L11	E4	R48	E1	R210	B3	R331	D2	R523	* E2	R607	* B1	R699	C3	RB403	* B1
R326	* B2		C7	A3	C94	* E4	C269	* B4	C360	* E1	C464	* C1	C579	* B1	FB503	* E2	L200	* B3	R49	* E1	R211	B3	R332	D1	R524	* E2	R608	* B1	R700	* C3	RB404	* B1
R327	B2	C8	* C3	C95	* E4	C270	* B4	C361	E1	C465	* C2	C580	* B1	FB504	* E2	L201	* B3	R50	* E1	R212	B3	R333	D1	R525	E2	R609	* B2	R701	C3	RB405	* B1	
R328	B2	C9	C4	C96	* E4	C271	* B4	C362	E1	C466	* C2	C581	* D1	FB506	E2	L300	E1	R51	* E1	R214	* B3	R334	* D1	R526	E2	R610	* B1	R702	* C3	RB406	* B2	
R329	C1	C10	C3	C97	* E4	C272	* B4	C363	E1	C467	* C2	C582	* E1	FB507	* E2	L301	* E1	R52	A2	R215	* B3	R335	D2	R527	* E2	R611	* B1	R703	* C3	RB407	* B2	
R330	C1	C11	A2	C98	* E4	C273	* B4	C364	* E1	C500	D3	C583	E1	FB508	E2	L302	E1	R53	A1	R216	B3	R336	D2	R528	* E2	R612	* B1	R704	* C3	RB408	* B2	
R331	C1	C12	* C3	C99	* E4	C274	* B4	C365	* E1	C501	D2	C584	E1	FB509	* E2	L303	* E1	R54	A2	R217	B3	R337	D2	R529	* E2	R613	* D2	R705	* C3	RB409	* B2	
R332	* B2	C13	* C3	C100	* E4	C275	* B3	C366	E2	C502	D2	C600	E3	FB510	* C2	L304	* E1	R55	A1	R218	* B3	R338	* D1	R530	* E2	R614	* D2	R706	* C3	RB410	* B2	
R333	C1	C14	* C3	C101	* E4	C276	* B3	C367	E2	C503	D2	C601	E3	FB600	E3	L305	E1	R56	A2	R219	* B3	R339	* D1	R531	C1	R615	* A1	R707	* D2	RB500	* D2	
R334	B2	C15	B3	C102	E4	C277	* B4	C368	D1	C504	D3	C602	E4	FB601	* D4	L306	E1	R57	A1	R220	* B3	R340	* D1	R532	C1	R616	* C2	R708	* C4	RB501	* D2	
R335	C1	C16	B3	C103	E4	C278	* B4	C369	D1	C505	D3	C603	E3	FB602	* D4	L500	* E2	R58	A1	R221	* B3	R341	* E4	R533	C1	R618	* C2	R709	C4	RB502	* D2	
R336	C1	C17	B3	C104	E4	C279	C3	C370	* D1	C506	D2	C604	* E3	FB603	* E3	L501	C1	R59	A1	R222	C4	R342	E4	R534	* E2	R619	* C1	R711	C4	RB503	* D2	
R337	C1	C18	* B3	C105	E4	C280	* B4	C371	E1	C507	D2	C605	* E3	FB604	* E3	L502	* C1	R60	A1	R223	* C4	R344	* D1	R535	* E2	R620	* C1	R712	C4	RB504	D2	
R338	C1	C19	* B3	C106	E4	C281	* B4	C372	E1	C508	D2	C606	* D3	FL500	B1	L503	E2	R61	A1	R224	* C4	R345	* D1	R536	* E2	R621	* C2	R713	C4	RB505	* D2	
R339	B2	C20	E1	C108	* E4	C282	* B4	C373	E1	C509	D3	C607	* D3	FL501	B2	L504	E2	R62	* E4	R225	* C4	R346	D1	R537	* E2	R622	* C2	R714	* D4	RB506	* D3	
R340	B2	C21	E1	C110	E4	C283	* B4	C374	E1	C510	E2	C608	* D3	FL502	B1	L505	* C1	R63	* E4	R226	* C4	R347	D1	R538	* E2	R623	* E2	R715	* D3	RB507	D3	
R341	B2	C22	E1	C200	B3	C284	* C3	C375	E1	C511	E2	C609	* D3	D1	A2	L506	B1	R64	* E4	R227	* C4	R348	E1	R539	E2	R624	* E2	R716	* D4	RB508	D2	
R342	B2	C23	E1	C201	* B3	C285	* C3	C376	E1	C512	E2	C610	* D3	D2	A1	L507	B1	R65	E4	R228	* C4	R349	E1	R540	* E2	R625	* E1	R717	* D4	RB509	* D2	
R343	B2	C24	E1	C202	B3	C286	* B4	C377	E1	C513	E2	C611	* D3	D3	A1	L508	B1	R66	E4	R229	* C4	R350	E1	R541	* E2	R626	E1	R718	* D4	RB510	* D2	
R344	B2	C25	* A1	C203	B3	C287	* B4	C378	E1	C514	E2	C612	* D4	D4	E4	L509	B1	R67	E4	R230	* B4	R351	E1	R542	E2	R627	E1	R719	D4	RB511	D2	
R345	B2	C26	* A1	C204	B3	C288	* C4	C379	E1	C515	E2	C613	* D4	D5	* D4	L510	A1	R68	E4	R231	* C4	R352	E1	R543	* E2	R628	* C2	R720	* D4	RB512	D2	
R346	B2	C27	* A1	C205	* B3	C289	* B4	C380	E1	C516	* E2	C614	* D3	D6	* D4	L511	A1	R69	C4	R232	* B4	R353	E1	R544	* E2	R629	* C2	R721	* D4	RB513	E2	
R347	B1	C28	* A1	C206	* B3	C290	* B4	C402	* C3	C517	C1	C615	* D4	D7	* E4	IC5	A2	R70	* C4	R233	* C4	R354	E1	R545	E2	R631	* C2	R722	* D4	RB515	* D2	
R348	A1	C29	A1	C207	* B3	C291																										

