

SONY®

HD CAMERA CONTROL UNIT

HXCU-FB70

FIBER CONNECTOR KIT

HKC-LC02

HDMI™

HIGH-DEFINITION MULTIMEDIA INTERFACE

SERVICE 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.

安全のために、周辺機器を接続する際は、過大電圧を持つ可能性があるコネクタを以下のポートに接続しないでください。

: LAN コネクタ

上記のポートについては本書の指示に従ってください。

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

: LAN connector

Follow the instructions for the ports(s).

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 PA

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 vastaavatyypiseen, 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。

For kundene i Norge

Dette utstyret kan kobles til et IT-strømfordelingssystem.

Attention-when the product is installed in Rack:

- 1. Prevention against overloading of branch circuit**
When this product is installed in a rack and is supplied power from an outlet on the rack, please make sure that the rack does not overload the supply circuit.
- 2. Providing protective earth**
When this product is installed in a rack and is supplied power from an outlet on the rack, please confirm that the outlet is provided with a suitable protective earth connection.
- 3. Internal air ambient temperature of the rack**
When this product is installed in a rack, please make sure that the internal air ambient temperature of the rack is within the specified limit of this product.
- 4. Prevention against achieving hazardous condition due to uneven mechanical loading**
When this product is installed in a rack, please make sure that the rack does not achieve hazardous condition due to uneven mechanical loading.
- 5. Install the equipment while taking the operating temperature of the equipment into consideration**
For the operating temperature of the equipment, refer to the specifications of the Operation Manual.

CAUTION

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

CAUTION

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

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

The HXCU-FB70 is classified as a CLASS 1 LASER PRODUCT.

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Manual Structure

Purpose of this manual

This manual is the service manual for HD Camera Control Unit HXCU-FB70.

This manual describes the information items that premise the service based on the components parts such as main parts replacement, electrical alignment, schematic diagrams, board layouts and detailed parts list assuming use of system and service engineers.

Related manuals

Besides this service manual the following manual is available for this unit.

- Operating Instructions (Supplied with this unit)
This manual is necessary for application and operation of this unit.
- Operating Instructions CD-ROM (Supplied with this unit)
This manual is necessary for application and operation of this unit.
The CD-ROM contains the Japanese, English, French, German, Italian, Spanish, and Chinese operating instructions (PDF).

Trademarks

Trademarks and registered trademarks used in this manual are follows.

- FRAM is a registered trademark of Ramtron International Corporation.
- Memory Stick, Memory Stick Duo, and Memory Stick PRO Duo are the registered trademarks or trademarks of the Sony Corporation.

Other system names, product names, and company names appearing in this manual are trademarks or registered trademarks of their respective holders.

Section 1

Installation

1-1. Power Cord

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

WARNING

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

1-2. Connectors and Cables

1-2-1. Connector Input/Output Signals

Input Signals

1. BNC

Name	Description
RETURN INPUT SDI1, SDI2	HD SDI: SMPTE 292 M, 0.8 V p-p, 75 Ω , 1.485 Gbps/1.4835 Gbps BTA-S004B compliant SD SDI: SMPTE 259 M, 0.8 V p-p, 75 Ω , 270 Mbps Component serial signal
RETURN INPUT VBS1, VBS2	Analog composite signals: 1.0 V p-p, 75 Ω

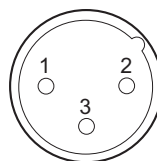
Output Signals

2. BNC

Name	Description
SDI OUTPUT 1 to 4	HD SDI: SMPTE 292 M, 0.8 V p-p, 75 Ω , 1.485 Gbps/1.4835 Gbps BTA-S004B compliant SD SDI: SMPTE 259 M, 0.8 V p-p, 75 Ω , 270 Mbps Component serial signal HD SDI or SD SDI selectable Note Signals of connector 1 and connector 2 are the same, and signals of connector 3 and connector 4 are the same.
VBS 1, 2	1.0 V p-p, 75 Ω
Pr/R/R-Y, Y/G/Y, Pb/B/B-Y	HD component video Y/Pb/Pr: 0.7 V p-p, 75 Ω HD RGB video R/G/B: 0.7 V p-p, 75 Ω SD RGB video R/G/B: 0.7 V p-p, 75 Ω SD component video (NTSC, 75 % color-bar) Y: 1.0 V p-p (VIDEO:0.714 V, SYNC:0.286 V), 75 Ω R-Y/B-Y: 0.756 V p-p, 75 Ω (J) /0.7 V p-p, 75 Ω (UC) SD component (PAL, 75 % color-bar) Y: 1.0 V p-p (VIDEO:0.7 V, SYNC:0.3 V), 75 Ω R-Y/B-Y: 0.525 V p-p, 75 Ω
PIX	VBS 1.0 V p-p, 75 Ω
SYNC	HD: BTA-S001A, tri-level sync, 0.6 V p-p, 75 Ω SD: composite sync, 0.3 V p-p, 75 Ω HD SYNC/SD SYNC selectable

3. AUDIO OUTPUT CH-1, CH-2

XLR 3-pin, Male



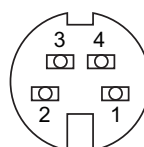
- External View -

(0 dBu = 0.775 Vrms)

No.	Signal	Specifications
1	AUDIO OUT (G)	+4, 0, -20 dBu (Selectable with CCU Menu)
2	AUDIO OUT (X)	
3	AUDIO OUT (Y)	

4. S VIDEO OUTPUT

4-pin, Female

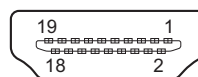


- External View -

No.	Signal	Specifications
1	Y OUT (G)	GND for Y OUT (X)
2	C OUT (G)	GND for C OUT (X)
3	Y OUT (X)	Y = 1.0 V p-p ± 10 % Z _o = 75 Ω ± 5 % DC = 0 ± 200 mV
4	C OUT (X)	C = 0.286 V p-p ± 10 % (NTSC) C = 0.300 V p-p ± 10 % (PAL) Z _o = 75 Ω ± 5 % DC = 0 ± 200 mV

5. HDMI OUTPUT

19-pin, Type A



- External View -

No.	Signal	Specifications
1	TMDS_DATA2 +	OUT
2	TMDS_DATA2_ SHIELD	—
3	TMDS_DATA2 -	OUT
4	TMDS_DATA1 +	OUT
5	TMDS_DATA1_ SHIELD	—
6	TMDS_DATA1 -	OUT
7	TMDS_DATA0 +	OUT

Continued

No.	Signal	Specifications
8	TMDS_DATA0_ SHIELD	—
9	TMDS_DATA0 –	OUT
10	TMDS_CLOCK +	OUT
11	TMDS_CLOCK_ SHIELD	—
12	TMDS_CLOCK –	OUT
13	CEC (N.C.)	—
14	RESERVED (N.C.)	—
15	SCL	OUT
16	SDA	I/O
17	DDC/CEC_GND	—
18	+ 5 V_POWER	OUT
19	HPD	IN

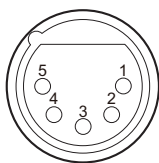
Input/Output Signals

6. BNC

Name	Description
REFERENCE IN, OUT	HD or SD HD: SMPTE 274M, tri-level sync, 0.6 V p-p, 75 Ω SD: Black burst signal NTSC: 0.286 V p-p, 75 Ω PAL: 0.3 V p-p, 75 Ω
PROMPTER IN, OUT	Analog composite signals: 1.0 V p-p, 75 Ω

7. INTERCOM

XLR 5-pin, Female



- External View -

(0 dBu = 0.775 V rms)

No.	Signal	Specifications
1	INTERCOM MIC IN (Y)	-20 dBu (CARBON UNBALANCE)
2	INTERCOM MIC IN (X)	-40 dBu (ECM, UNBALANCE) -60 dBu (DYNAMIC, BALANCE/UNBALANCE)
3	GND	GND for INTERCOM
4	INTERCOM L OUT	8 dBu (VR Max, 250 Ω Load)

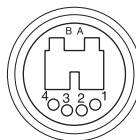
Continued

No.	Signal	Specifications
5	INTERCOM R OUT	8 dBu (VR Max, 250 Ω Load)

8. CAMERA

Optical fiber connector manufactured by NEUTRIK (standard equipment)

6-pin, Female

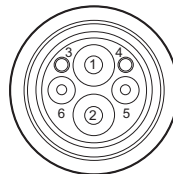


- External View -

No.	Signal	Specifications
A	Optical INPUT	—
B	Optical OUTPUT	—
1	DC OUT (GND)	—
2	NC	No connection
3	NC	No connection
4	DC OUT (+48 V)	—

Optical fiber connector manufactured by LEMO (installed HKC-LC02)

6-pin, Female

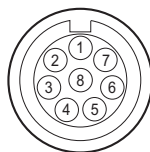


- External View -

No.	Signal	Specifications
1	Optical INPUT	—
2	Optical OUTPUT	—
3	NC	No connection
4	NC	No connection
5	DC OUT (GND)	—
6	DC OUT (+48 V)	—

9. REMOTE

8-pin, Female

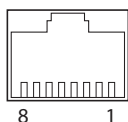


- External View -

No.	Signal	Specifications
1	TX (+)	SERIAL DATA OUT
2	TX (-)	
3	RX (+)	SERIAL DATA IN
4	RX (-)	
5	TX GND	GND for TX
6	POWER (+) OUT	RCP POWER, +15 V
7	POWER (-) OUT	GND for POWER
8	VIDEO (X)	1.0 V p-p, 75 Ω

10. LAN

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

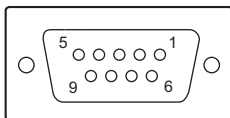


- External View -

No.	Signal	Specifications
1	TX (+)	Transmitted Data (+)
2	TX (-)	Transmitted Data (-)
3	RX (+)	Received Data (+)
4	NC	No connection
5	NC	No connection
6	RX (-)	Received Data (-)
7	NC	No connection
8	NC	No connection

11. TRUNK

D-sub 9-pin, Female, RS-232C



- External View -

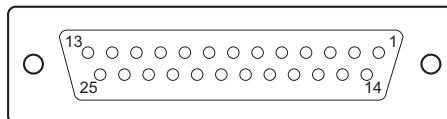
No.	Signal	Specifications
1	NC	No connection
2	RX (-)	TRUNK Data in
3	TX (+)	TRUNK Data out
4	NC	No connection
5	GND	—
6	NC	No connection
7	NC	No connection
8	NC	No connection

Continued

No.	Signal	Specifications
9	NC	No connection

12. INTERCOM/TALLY/PGM

D-sub 25-pin, Female



- External View -

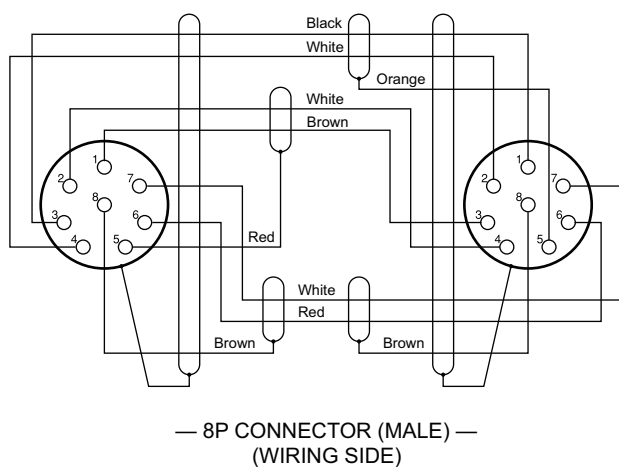
(0 dBu = 0.775 Vrms)

No.	Signal	Specifications
1	ENG (R) (X) OUT *1	ENG SYSTEM RECEIVE 0 dBu BALANCED
2	ENG (R) (Y) OUT	
3	ENG (G) *1	GND for ENG
4	ENG (T) (X) IN	ENG SYSTEM TALK 0 dBu BALANCED
5	ENG (T) (Y) IN	
6	PGM1 (X) IN	-20 dBu/0 dBu/+ 4 dBu (Selectable with CCU Menu)
7	PGM1 (Y) IN	
8	PGM1 (G) IN	
9	GND	GND for AUX
10	PREVIEW OUT	OPEN COLLECTOR (Max 30 mA)
11	R TALLY (X) IN	ON : SHORT OFF : OPEN
12	R TALLY (Y) IN	
13	GND	CHASSIS GND
14	PROD (R) (X) OUT *1	PROD SYSTEM RECEIVE 0 dBu BALANCED
15	PROD (R) (Y) OUT	
16	PROD (G) *1	GND for PROD
17	PROD (T) (X) IN	PROD SYSTEM TALK 0 dBu BALANCED
18	PROD (T) (Y) IN	
19	NC	No connection
20	NC	No connection
21	GND	—
22	R TALLY OUT	OPEN COLLECTOR (Max 30 mA)
23	G TALLY OUT	
24	G TALLY (X) IN	ON : SHORT OFF : OPEN
25	G TALLY (Y) IN	

*1: When the intercom system is set to Clear-Com or RTS, (X) and (G) become input/output pins.

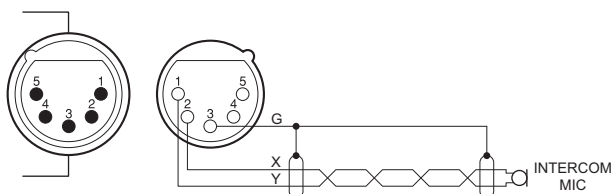
1-2-2. Wiring Diagrams for Cables

CCA-5 Cable (for REMOTE connector)

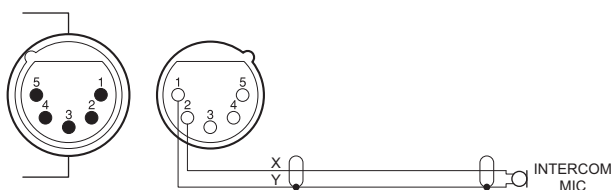


INTERCOM MIC Cable

1. Balance (BALANCE in MIC TYPE menu)



2. Unbalance (UNBALANCE in MIC TYPE menu)

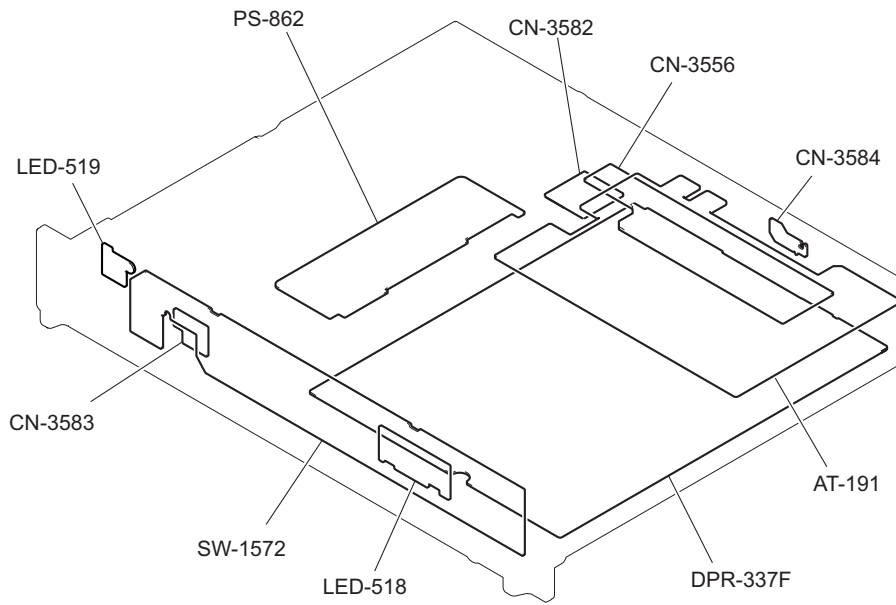


Connector Name	Connector/Cable
CAMERA (NEUTRIK)	CCFN-25/50/100 cable or Single-mode optical fiber cable (Terminal shaped: PC (Physical Contact) polishing or Advanced PC etc. PC polishing compatible cable, Wavelength : 1310 nm compliant)
CAMERA (LEMO)	LEMO PUW. 3K. 93C. TLCC96
PROMPTER REFERENCE, SYNC VBS 1,2 PIX Pr/R/R-Y, Y/G/Y, Pb/B/B-Y VBS RETURN 1, 2 (BNC)	1-564-742-11 PLUG, BNC or B-B Cable assembly (1.5 m, optional)
SDI OUTPUT 1 to 4 (BNC)	1-569-370-12 PLUG, BNC or 5C-FB coaxial cable (Fujikura products recommended)
AUDIO OUTPUT 1, 2 (3P, Male)	1-508-083-00 XLR 3P Female or CANNON XLR-3-11C equivalent
INTERCOM/TALLY/PGM (D-sub 25P, Female)	1-766-367-11 D-sub 25P, Male JAE DB-25PF-N equivalent (Available shell: JAE DB-C2-J9-R equivalent)
REMOTE (8P, Female)	1-766-848-11 PLUG, 8P Male or CCA Cable assembly (optional) CCA-5-10 (10 m), CCA-5-3 (3 m)
INTERCOM (5P, Female)	1-508-370-11 XLR 5P, Male or CANNON XLR-5-12C equivalent
TRUNK (D-sub 9P, Female)	1-568-182-11 D-sub 9P, Male or JAE DE-9PF-N equivalent (Available shell: JAE DE-C1-J6-R equivalent)
LAN (8P, RJ-45)	LAN cable (commercially available, shield type, category 5 or higher)

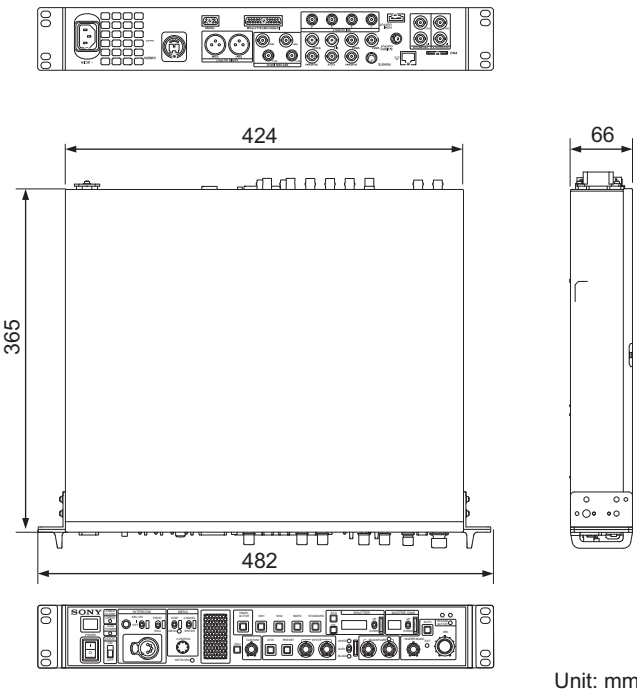
1-2-3. Connection Connectors/Cables

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

1-3. Location of Printed Circuit Boards



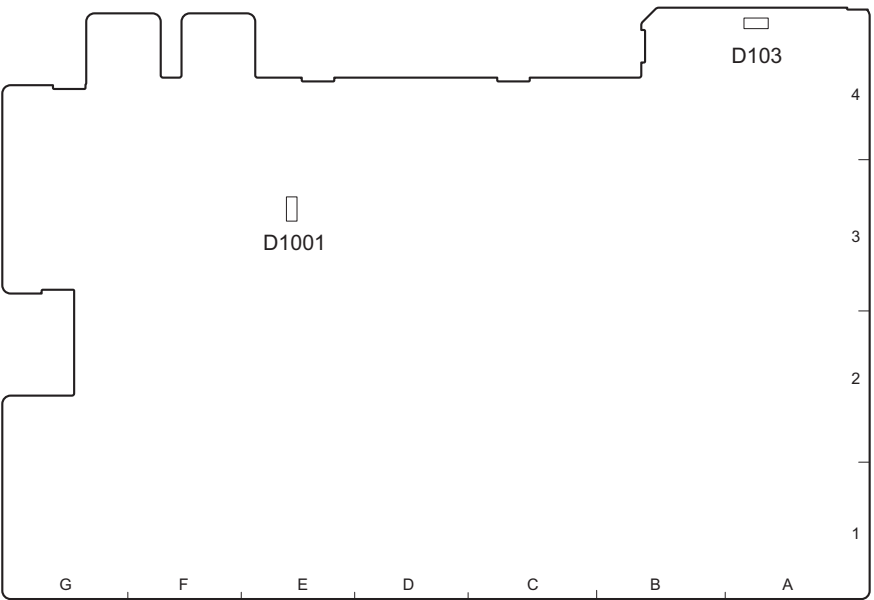
1-4. Outside Dimensions



1-5. Functions of Onboard Parts

1-5-1. Description of Onboard LED Indicators

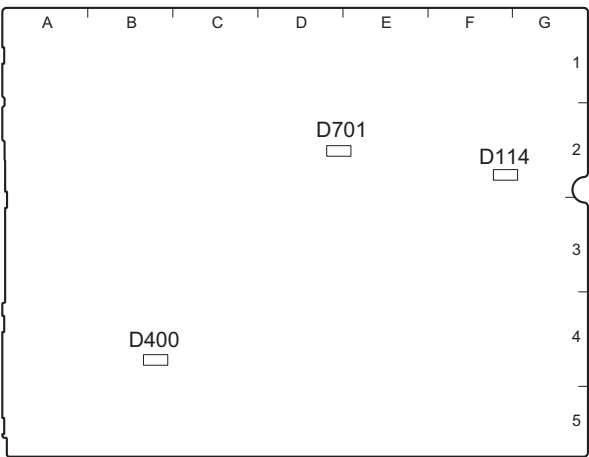
AT-191 board



AT-191 board (Side A)

Ref.No.	Name	Color	Description	Normal state
D103	MS-LED	Red/Green	Indicates state of access to the memory stick. Lit red: Access to the memory stick in progress. Do not remove the memory stick. Lit green: The inserted memory stick can be removed.	—
D1001	CONF DONE	Red	Lights when there is a problem with the configuration of any FPGA (IC1000) on the AT-191 board.	Off

DPR-337F board

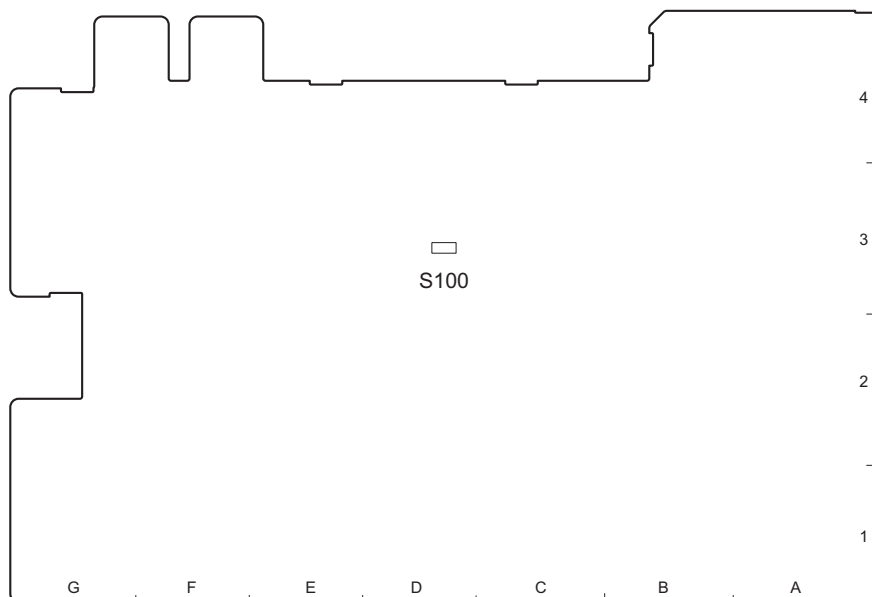


DPR-337F board (Side A)

Ref.No.	Name	Color	Description	Normal state
D114	PWR	Green	Lights when all power voltages on the DPR-337F board are normal.	Lit
D400	CONF DONE	Red	Lights when there is a problem with the configuration of any FPGA (IC400) on the DPR-337F board.	Off
D701	CONF DONE	Red	Lights when there is a problem with the configuration of any FPGA (IC600, IC900, or IC2300) on the DPR-337F board.	Off

1-5-2. Functions of Onboard Switches

AT-191 board



AT-191 board (Side A)

Note

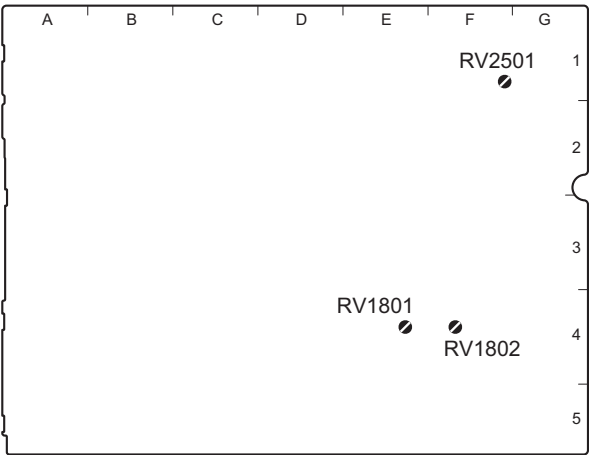
Do not change the settings of unused switches.

Ref.No.	Name	Bit	Description	Factory setting
S100	VerUp	1	Used to enable software upgrade using a memory stick.	OFF*1
	PLD VerUp	2	Used to enable PLD upgrade using a memory stick.	OFF*1
	NORMAL/DEBUG	3	Not used	OFF
	NORMAL/DEBUG	4	Not used	OFF

*1: When this switch is set to ON, the software is automatically upgraded during the power-on process of the CCU.

1-5-3. Potentiometer Functions

DPR-337F board



DPR-337F board (Side A)

Ref.No.	Name	Description
RV1801	PROD RTS CANCEL	Adjusts sidetone cancellation amount of the producer line when RTS or Clear-Com is connected.
RV1802	ENG RTS CANCEL	Adjusts sidetone cancellation amount of the engineer line when RTS or Clear-Com is connected.
RV2501	27M FREQ	Adjusts free-running oscillation frequency of 27M-VCO (X2501) for read-justment required when it is replaced.

1-6. Replacing NEUTRIK's Optical Connector with LEMO's Optical Connector

A NEUTRIK's optical connector is normally mounted as the CAMERA connector of the unit. The optical connector of the optical connector assembly can be replaced with a LEMO's optical connector by the fiber connector kit (HKC-LC02).

Preparation

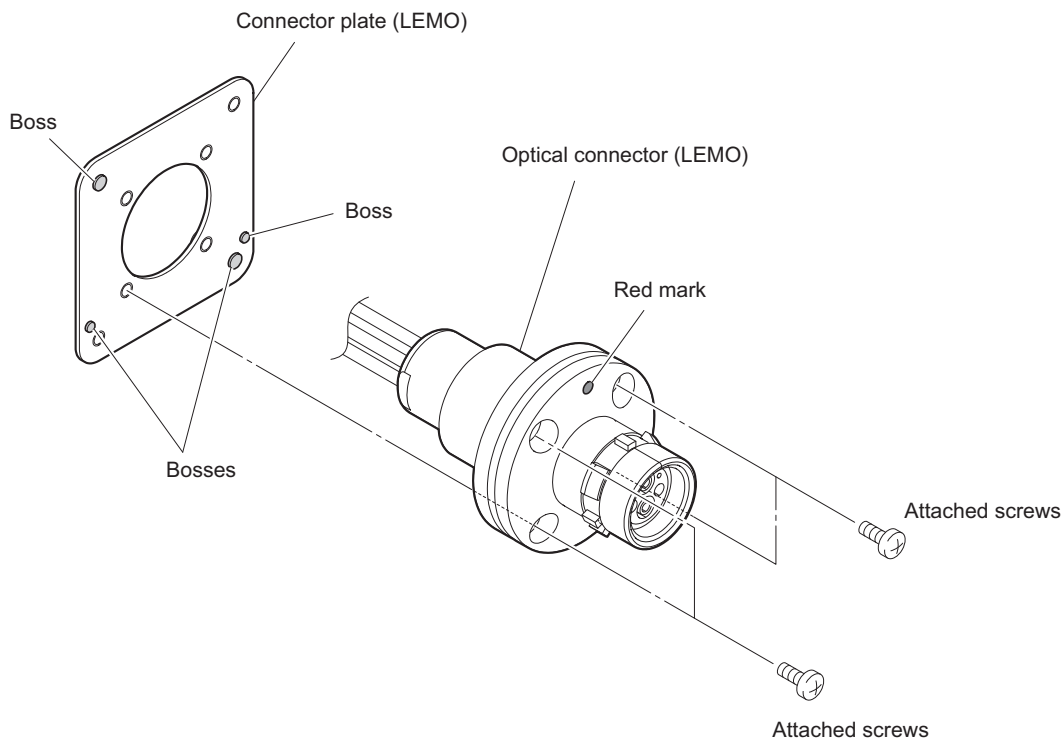
1. Remove the top cover. (Refer to “5-1. Top Cover”)
2. Remove the PS cover. (Refer to “5-3. PS Cover”)
3. Remove the optical connector assembly. (Refer to “5-9. Optical Connector Assembly”)

Procedure

1. Attach the connector plate (LEMO) to the optical connector (LEMO) with the four screws supplied with the HKC-LC02.

Note

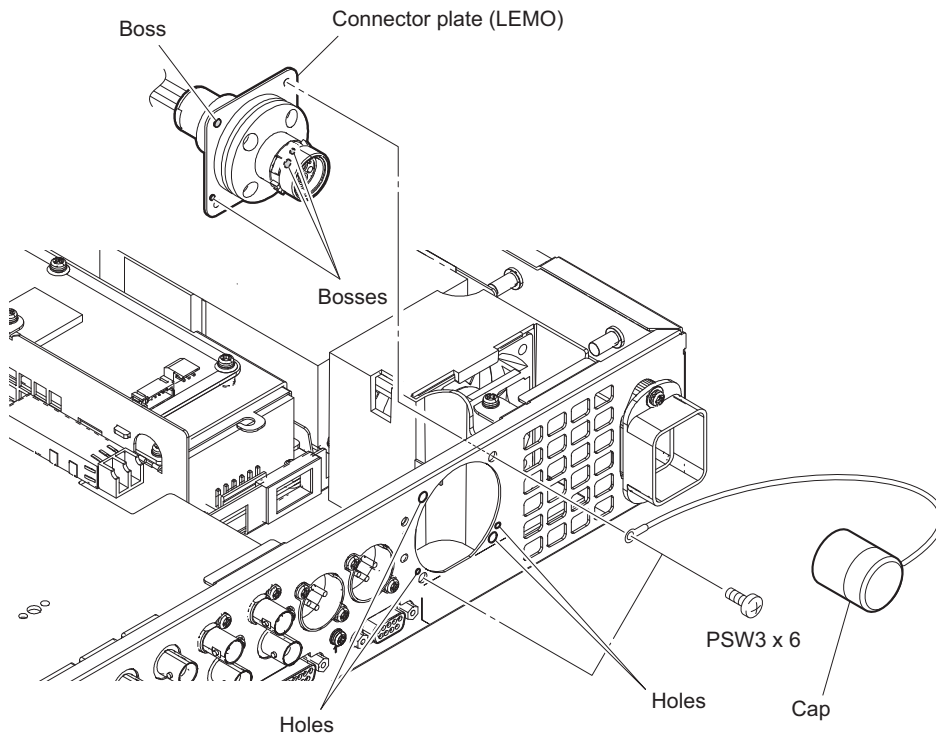
- When attaching the connector plate (LEMO), pay attention to the position of the red mark on the optical connector (LEMO).



2. Install the connector plate (LEMO) and the cap by the two screws.

Note

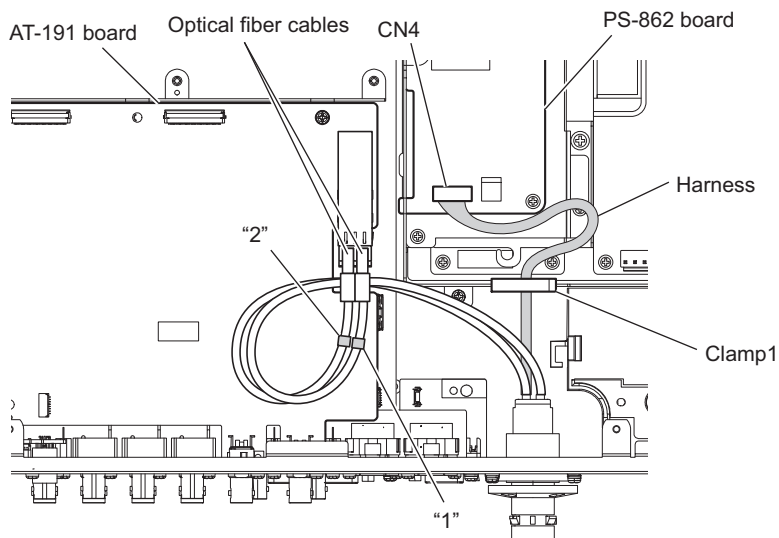
- When installing the connector plate (LEMO), fit the four bosses with the four holes.



3. Connect the harness to the connector (CN4) on the PS-862 board.
4. Close the clamp1.
5. Connect the two optical fiber cables to the AT-191 board.
6. Close the clamp2.

Note

- Do not bend any optical fiber cable to an extent of $R = 30$ or less.
- Before connecting an optical fiber cable, clean its end.
- When installing, arrange the optical fiber cable as shown in the figure.



7. Install the PS cover. (Refer to [“5-3. PS Cover”](#))

Note

When installing the PS cover, do not catch the optical fiber cable.

8. Install the top cover. (Refer to [“5-1. Top Cover”](#))

Note

When installing the top cover, do not catch the optical fiber cable.

1-7. Mounting the Unit in a 19-Inch Rack

This unit can be mounted in a 19-inch EIA standard rack (height: 1.5U).

WARNING

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

PREPARATIONS

CAUTION

Be sure to use specified rack-mount rails.

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

When the slide rail 305A-18 is used.

- Slide rail: 1 set
Accuride Japan Model 305A-18 (457 mm)
- Front bracket: 2
Sony Part No.: 2-142-214-01
- Rear bracket: 2
Sony Part No.: 2-142-215-01
- Screw (B4 x 8): 14
- Screw (B5 x 8): 8
- Screw (PWH4 x 20): 2
- Nut: 2
- Plate nut: 2
Sony Part No.: 3-651-812-01
- Rack mount rail screw (PSW5 x 25): 4

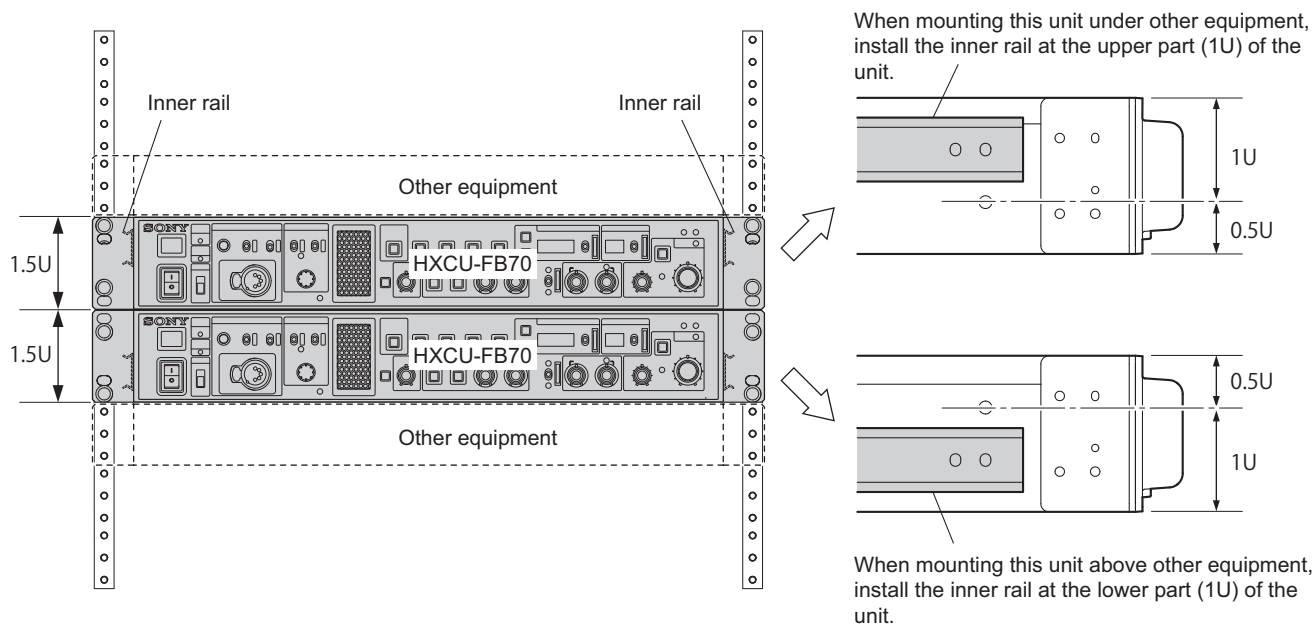
When the slide rail C203-18 is used.

- Slide rail: 1 set
Accuride Japan Model C203-18 (457 mm)
- Front bracket: 2
Sony Part No.: 4-444-942-01
- Rear bracket: 2
Sony Part No.: 4-444-942-01
- Screw (B4 x 8): 12
- Screw (B5 x 8): 8
- Screw (PWH4 x 20): 2
- Plate nut: 2
Sony Part No.: 4-443-847-01
- Plate nut: 4
Sony Part No.: 4-444-943-01
- Spacer (M4): 2
Sony Part No.: 4-443-846-01
- Rack mount rail screw (PSW5 x 25): 4

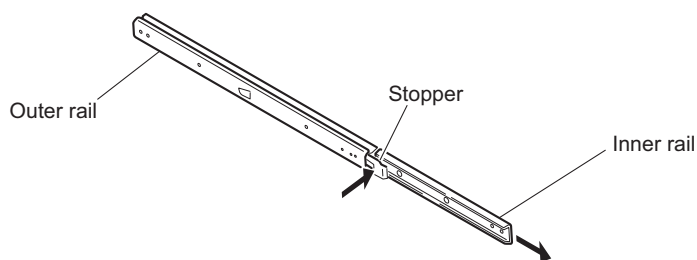
1-7-1. Mounting the Unit in the Rack (305A-18)

This unit is mounted in the rack by attaching the inner rails at the upper or lower part 1U of height 1.5U.

The rail attaching position varies depending on the unit mounting height in the rack.



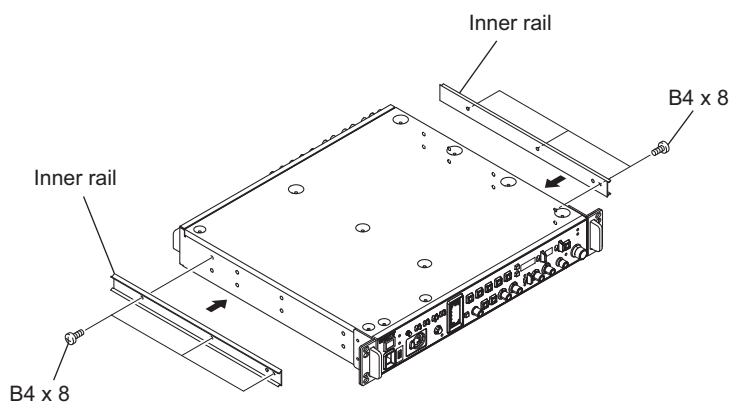
1. Pull out the inner rail while pressing the rail stopper.



2. Install the inner rail to the unit with six screws (B4 x 8).

Note

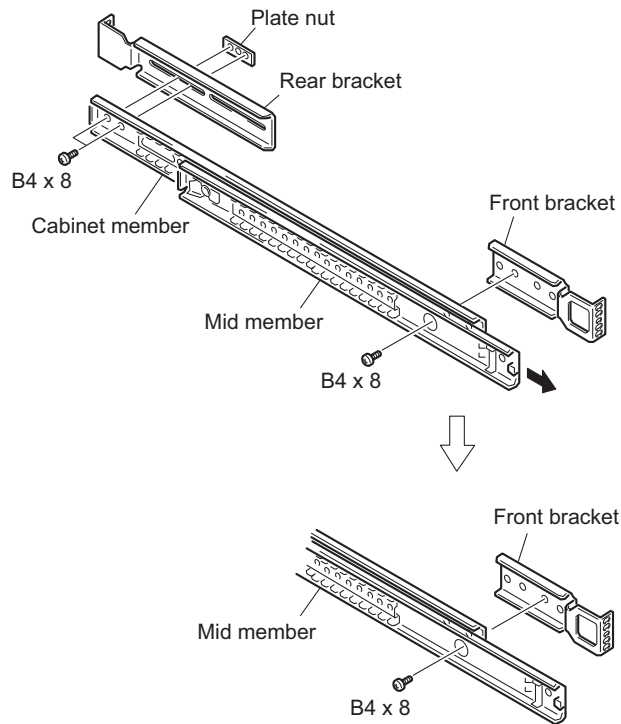
This figure shows attaching the inner rails at the upper part. The same method applies for attaching the inner rails at the lower part.



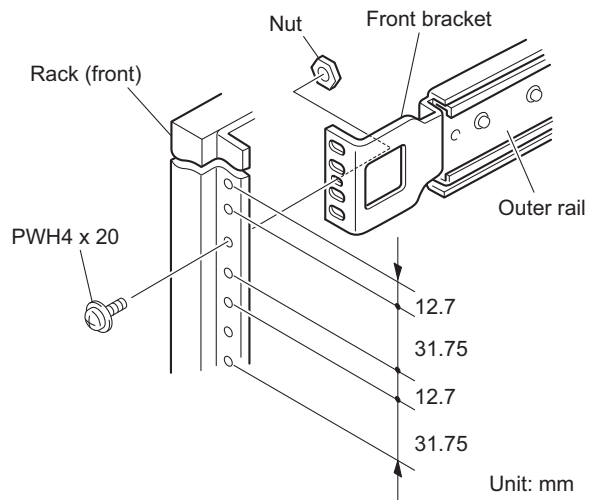
3. Attach the front and rear brackets to the outer rail with eight screws (B4 x 8).

Note

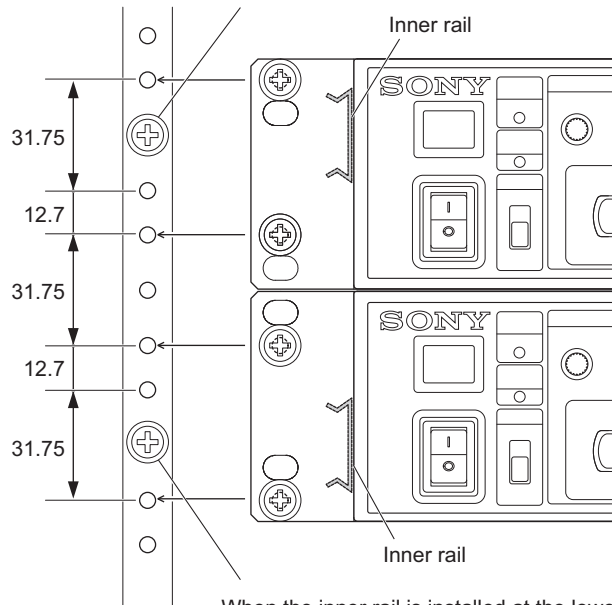
- When attaching the front bracket, slide the middle member to the position where the screw hole in the cabinet member is visible from the hole in the middle member shown in the figure.
- When attaching the rear bracket, adjust the bracket position according to the depth of the rack.



4. Attach the front bracket to the inside of the rack mount position with two screws (PWH4 x 20).

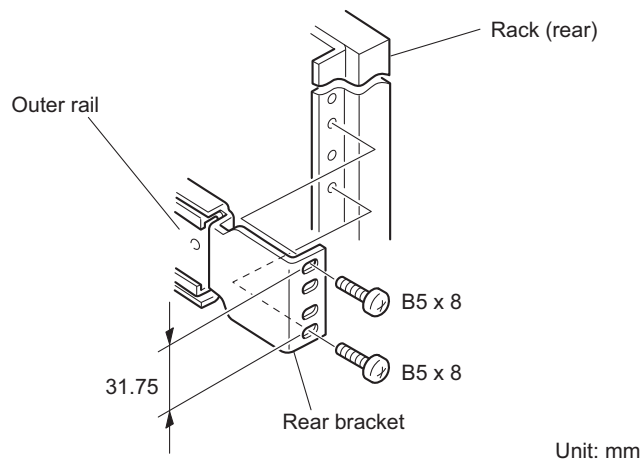


When the inner rail is installed at the upper part (1U) of the unit, attach the front bracket at this position.



When the inner rail is installed at the lower part (1U) of the unit, attach the front bracket at this position.

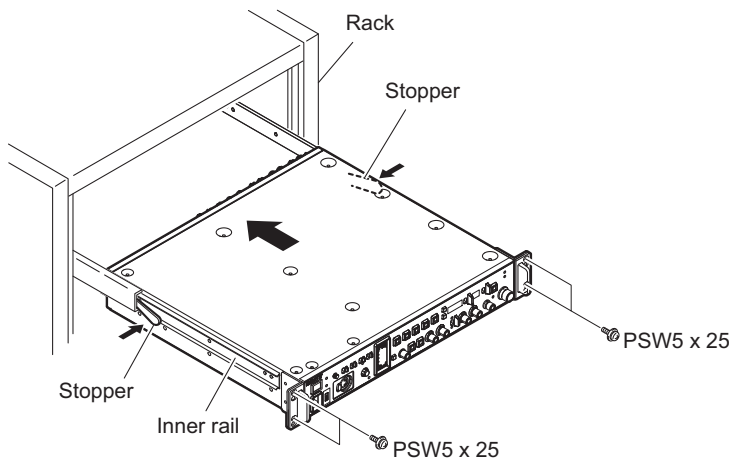
5. Attach the rear bracket to the outside of the rack mount position with four screws (B5 x 8).



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

Note

- This rack mounting work must be done by two or more workers so as not to hurt the worker's waist.
- Failure to tighten the rack angle screws may cause the unit to slide and fall from the rack, resulting in injury. After the unit has been mounted, be sure to tighten all the screws.
- When setting and drawing the mounted unit, be careful not to catch your fingers by the rails.
- If balance is lost when mounting and removing the unit, it may fall, resulting in injury. Mount or remove the unit carefully maintaining a stable posture.

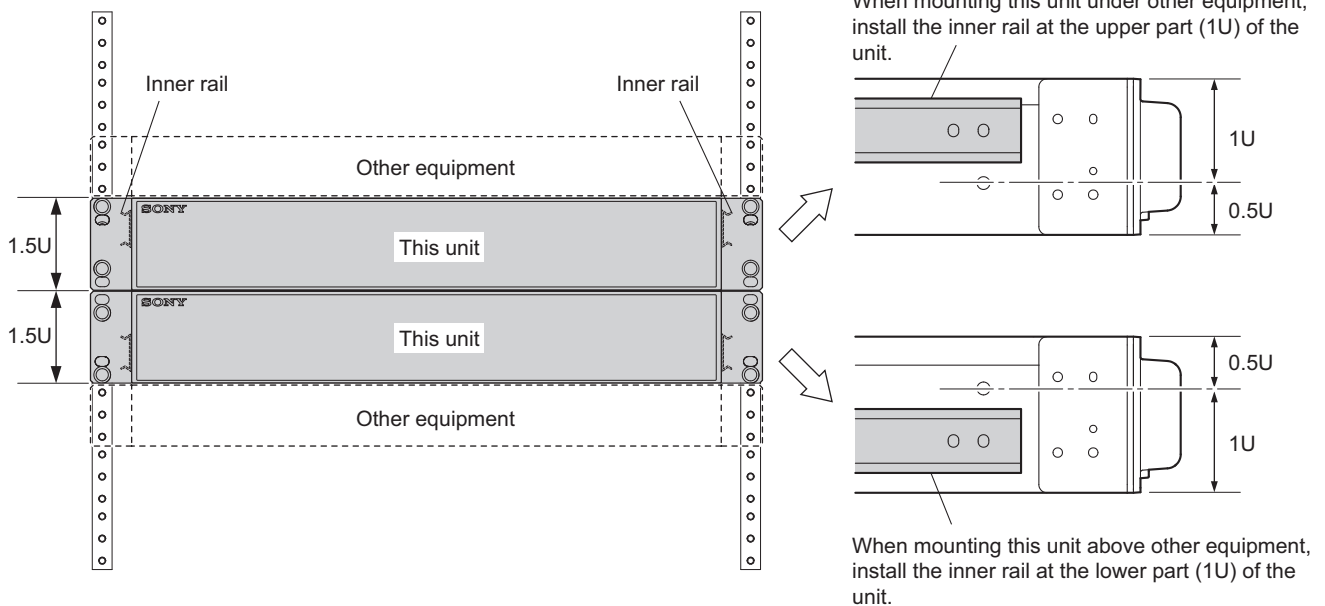


- After the unit has been set in the rack, secure the unit to the rack with four screws (PSW5 x 25).

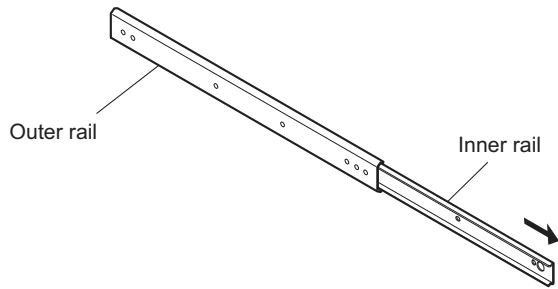
1-7-2. Mounting the Unit in the Rack (C203-18)

This unit is mounted in the rack by attaching the inner rails at the upper or lower part 1U of height 1.5U.

The rail attaching position varies depending on the unit mounting height in the rack.



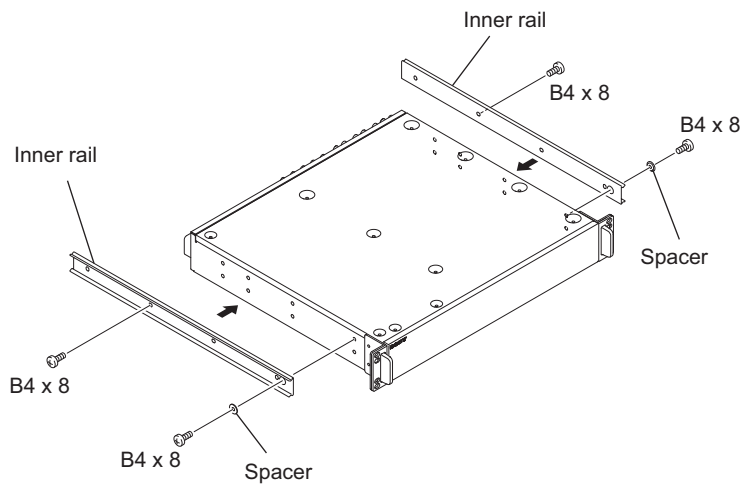
1. Pull out the inner rail from the outer rail.



2. Install the inner rail to the unit with four screws (B4 x 8).

Note

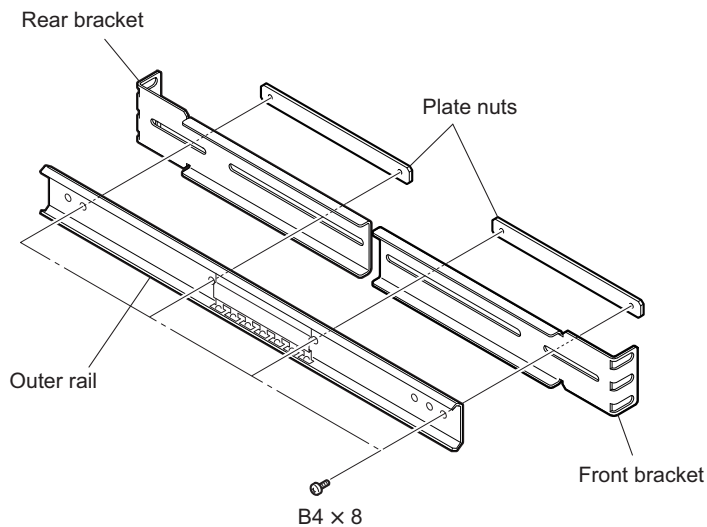
This figure shows attaching the inner rails at the upper part. The same method applies for attaching the inner rails at the lower part.



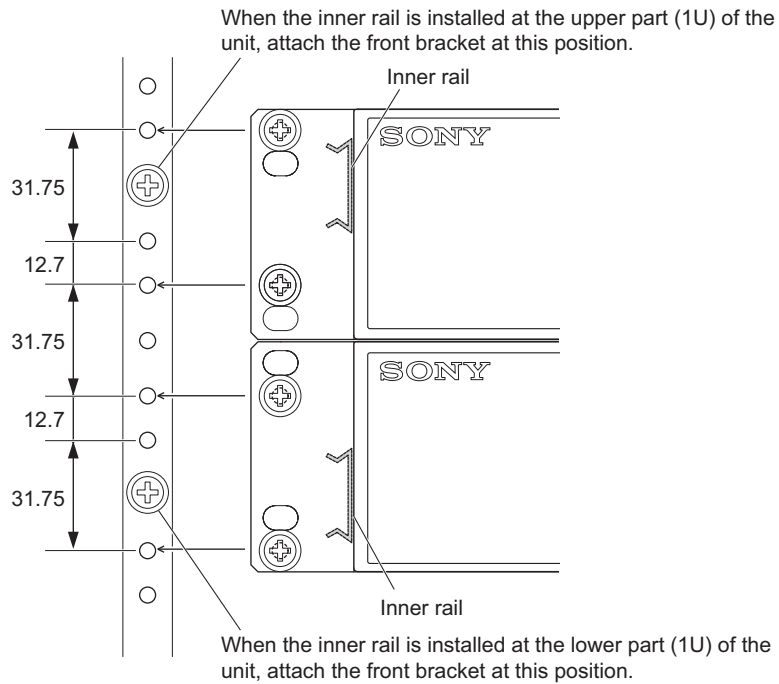
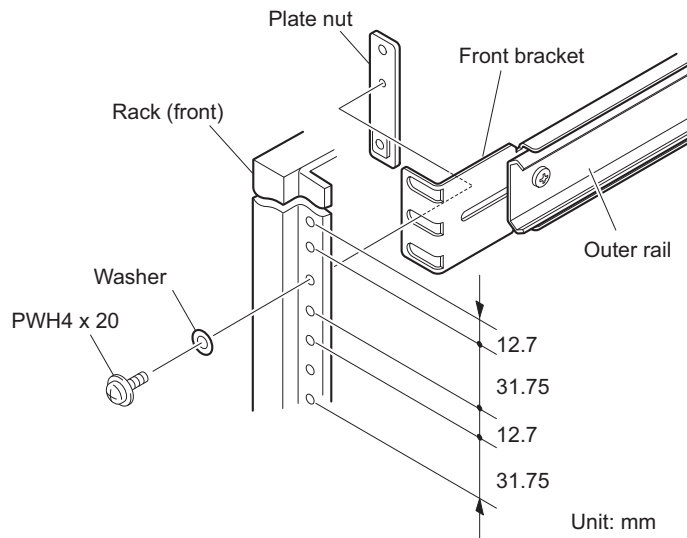
3. Attach the front and rear brackets to the outer rail with eight screws (B4 x 8) and four plate nuts.

Note

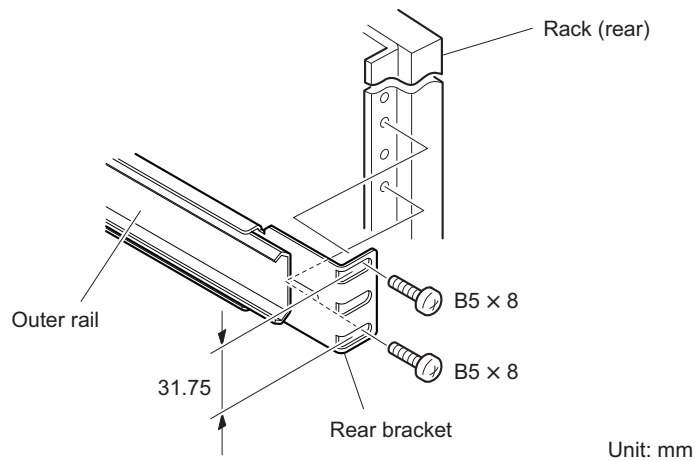
- When attaching the rear bracket, adjust the bracket position according to the depth of the rack.



4. Attach the front bracket to the inside of the rack mount position with two screws (PWH4 x 20) and two washers.



5. Attach the rear bracket to the outside of the rack mount position with four screws (B5 x 8).



6. Set the unit in the rack into the outer rail as far as it will go.

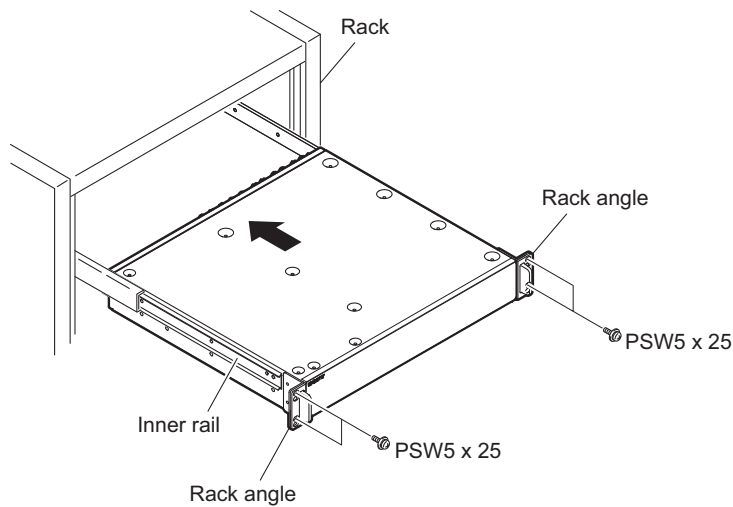
Note

- This rack mounting work must be done by two or more workers so as not to hurt the worker's waist.
- When setting and drawing the mounted unit, be careful not to catch your fingers by the rails.
- If balance is lost when mounting and removing the unit, it may fall, resulting in injury. Mount or remove the unit carefully maintaining a stable posture.

7. After the unit has been set in the rack, secure the unit to the rack with four screws (PSW5 x 25).

Note

- Failure to tighten the rack angle screws may cause the unit to slide and fall from the rack, resulting in injury. After the unit has been mounted, be sure to tighten all the screws.



Section 2

Service Overview

2-1. Service Information

2-1-1. Equipment Required

Part No.	Name	Use
A-8326-017-A	ROM-28 board	For boot program upgrade

2-1-2. Note on Replacement of Lithium Battery

A lithium battery is mounted on the AT-191 board to backup the real time clock (RTC). If a battery comes to the lifetime, then RTC stops. Therefore, replace the battery and re-set DATE/TIME on the C12 DATE page of the CCU CONFIGURATION menu. (Refer to “Setup Menu” in the Operating Instructions.)

Part No.	Name	Use
△ 1-528-174-33	BATTERY, LITHIUM (CR2032 TYPE)	For real time clock (RTC) backup

CAUTION

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

2-2. Connecting and Disconnecting Flexible Card Wires

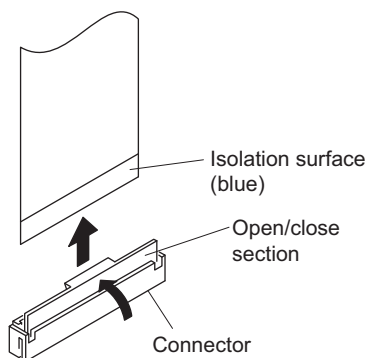
This unit uses two types of connectors for flexible card wire.

Notes

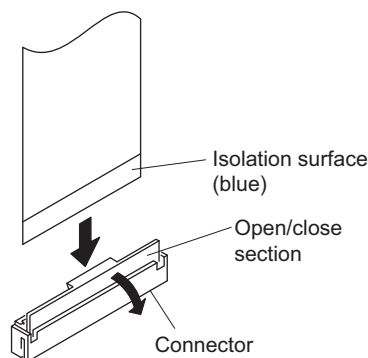
- Bending a flexible card wire significantly shortens its lifetime. Handle flexible card wires very carefully.
- A flexible card wire consists of conductive surface and insulated surface. Note that the circuit does not work if a flexible card wire is connected in wrong orientation of conductive surface and insulated surface.
- Do not insert the flexible card wire sideways.
- Make sure that the conductive surface of flexible card wires is free of dust and dirt.

2-2-1. Connecting/Disconnecting Flexible Card Wire (Type A Connector)

Disconnecting



Connecting



Disconnection

1. Open the connector open/close section to release the lock.

Note

Do not open the connector open/close section 90 degrees or more so as not to damage the connector.

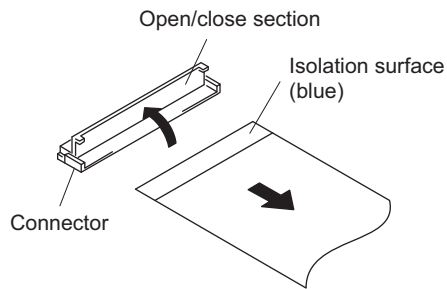
2. Pull the flexible card wire.

Connection

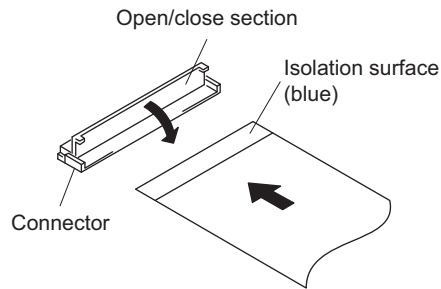
1. Insert the flexible card wire fully into the connector.
2. Push the connector open/close section to lock the flexible card wire.

2-2-2. Connecting/Disconnecting Flexible Card Wire (Type B Connector)

Disconnecting



Connecting



Disconnection

1. Open the connector open/close section to release the lock.

Note

Do not open the connector open/close section 90 degrees or more so as not to damage the connector.

2. Pull the flexible card wire.

Connection

1. Insert the flexible card wire fully into the connector.
2. Push the connector open/close section to lock the flexible card wire.

2-3. Upgrading the Software Programs

The ROM (IC109 and IC110 on the AT-191 board and IC907 on the DPR-337F board) version can be upgraded using a Memory Stick.

For upgrading the software programs, follow the procedures below.

2-3-1. Upgrading the Main Program

Equipment required

Memory Stick

Check

Check the current main program version with “ROM Version” of status display. (Refer to the Operating Instructions.)

Preparation

Copy the upgrading program to the Memory Stick in the following steps.

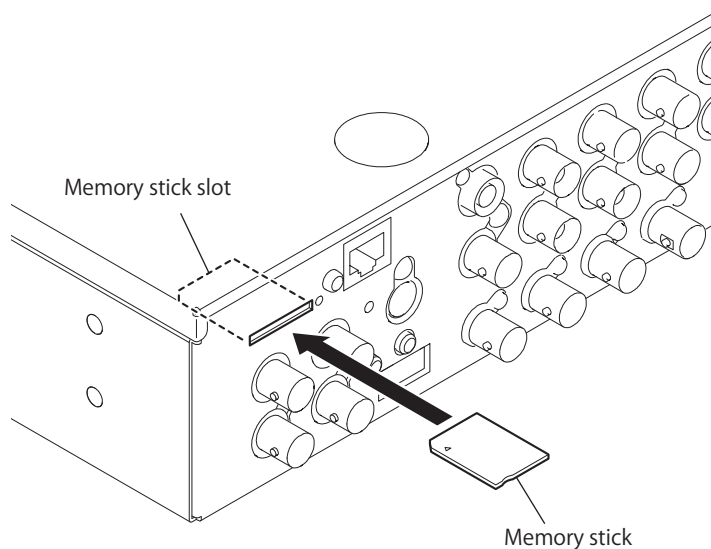
Note

To get the upgrading program (program files “HXCUF70.rom” and “HXCUF70_BOOT.rom”), contact your local Sony Sales Office/Service Center.

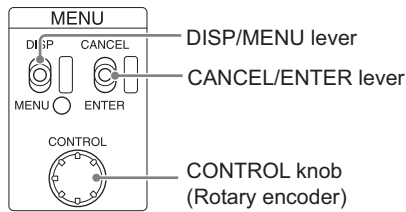
1. Make the following directory on the Memory Stick.
 \MSSONY\PRO\CAMERA\HXCUF70
2. Copy the program files “HXCUF70.rom” and “HXCUF70_BOOT.rom” to the directory made in step 1.

Procedure

1. Turn on the power.
2. Insert the Memory Stick that contains the upgrading program into the Memory Stick slot on the rear panel.



3. Select VERSION UP EXEC from MAIN on the M02: Firmware Update page of the MAINTENANCE menu.
4. A message “UPDATE MAIN BLOCK ?” appears. Turn the CANCEL/ENTER lever to the ENTER side.



5. Check that “LOADER BLOCK COMPLETE!!” appears and then “MAIN BLOCK COMPLETE!!” appears.
6. Turn off the power and remove the Memory Stick.
7. When the unit is turned on, the main program is upgraded and runs.
8. Check that the main program has been upgraded with “ROM Version” of status display. (Refer to the Operating Instructions.)

2-3-2. Upgrading the Boot Program

Equipment required

- Memory Stick
- ROM-28 board

Note

When the ROM has been replaced due to repair or other reason, version update from the Memory Stick is disabled. (Refer to “[Procedure \(When ROM-28 board is used\)](#)”.)

Check

Check the current boot program version with Firmware Update of the MAINTENANCE menu. (Refer to [Section 4-3](#).)

Preparation

1. Copy the upgrading program to the Memory Stick in the following steps.

Note

To get the upgrading program (program files “HXCUF70.rom” and “HXCUF70_BOOT.rom”), contact your local Sony Sales Office/Service Center.

- 1) Make the following directory on the Memory Stick.
 \MSSONY\PRO\CAMERA\HXCUF70
- 2) Copy the program files “HXCUF70.rom” and “HXCUF70_BOOT.rom” to the directory made in step 1.

Procedure (When Memory Stick is Used)

1. Turn on the power.
2. Insert the Memory Stick that contains the upgrading program into the Memory Stick slot on the rear panel.
3. Select VERSION UP EXEC from BOOT on the M02: Firmware Update page of the MAINTENANCE menu.
4. A message “UPDATE BOOT BLOCK ?” appears. Turn the CANCEL/ENTER lever to the ENTER side.
5. Check that version update is performed and a message “BOOT BLOCK COMPLETE!!” appears.

6. Turn off the power and remove the Memory Stick.
7. When the unit is turned on, the boot program is upgraded and runs.
8. Check that the boot program has been upgraded with Firmware Update of the MAINTENANCE menu. (Refer to Section 4-3.)

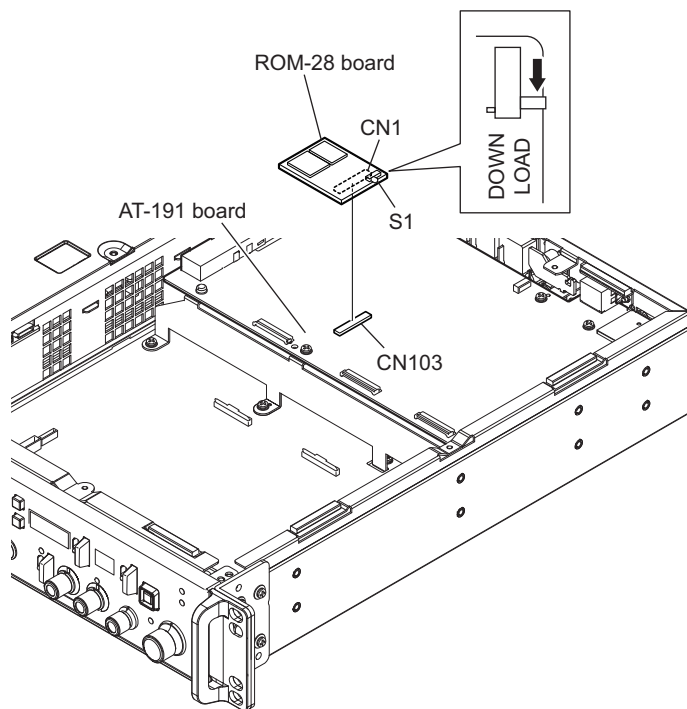
Procedure (When ROM-28 board is used)

1. Save the upgrading boot program in the ROMs H (IC2) and L (IC3) on the ROM-28 board.

Note

For details of saving the upgrading program, contact your local Sony Sales Office/Service Center.

2. Remove the top cover. (Refer to Section 5-1.)
3. Connect the connector CN1 on the ROM-28 board to the connector CN103 on the AT-191 board.
4. Set the switch S1 on the ROM-28 board to the DOWNLOAD side.
5. Turn on the power.
The diode D103 on the AT-191 board blinks green and red during upgrade, and lights green upon completion of the upgrade.
6. Turn off the power, and remove the ROM-28 board from the AT-191 board.
7. Attach the top cover.
8. When the unit is turned on, the boot program is upgraded and runs.
9. Check that the boot program has been upgraded with Firmware Update of the MAINTENANCE menu. (Refer to Section 4-3.)



2-3-3. Upgrading the HDMI Program

Equipment required

Memory Stick

Check

Check the current main program version with “DPR Diag” of status display. (Refer to the Operating Instructions.)

Preparation

Copy the upgrading program to the Memory Stick in the following steps.

Note

To get the upgrading program (program file “hdmi-firmware.rom”), contact your local Sony Sales Office/Service Center.

1. Make the following directory on the Memory Stick.
 \MSSONY\PRO\CAMERA\HXCUF70
2. Copy the program file “hdmi-firmware.rom” to the directory made in step 1.

Procedure

1. Turn on the power.
2. Insert the Memory Stick that contains the upgrading program into the Memory Stick slot on the rear panel.
3. Select VERSION UP EXEC from HDMI on the M02: Firmware Update page of the MAINTENANCE menu.
4. A message “UPDATE HDMI BLOCK ?” appears. Turn the CANCEL/ENTER lever to the ENTER side.
5. Check that version update is performed and a message “HDMI BLOCK COMPLETE!!” appears.
6. Turn off the power and remove the Memory Stick.
7. When the unit is turned on, the HDMI program is upgraded and runs.
8. Check that the main program has been upgraded with “DPR Diag” of status display. (Refer to the Operating Instructions.)

2-4. Writing and Rewriting the PLD Internal Data

This unit is provided with programmable logic devices (PLDs). They can be programmed and reprogrammed by the MAIN program.

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

Note

The part number of PLD (or ROM for PLD) in which data is not written yet, is shown in “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.

2-4-1. Corresponding PLDs

Board name	PLD	ROM
AT-191	IC302	IC301
DPR-337F	IC400	IC421, IC422 *1
	IC600	IC611
	IC900	IC910
	IC2300	IC2301

Equipment required

Memory Stick

Preparation

Copy the following ROM files to the directory created in the preparation process in [“2-3-2. Upgrading the Boot Program”](#).

- tr-pld.rom
- sy-pld.rom
- post-pld.rom
- hdmi-pld.rom
- demux1-pld.rom
- demux2-pld.rom

Procedure

1. Turn on the power.
2. Insert the Memory Stick that contains the ROM file for PLD into the Memory Stick slot on the rear panel.
3. Select a PLD to be programmed/reprogrammed from M03:PLD UPDATE of the MAINTENANCE menu.

Note

If there are two or more target PLDs, they can be upgraded by “ALL” or “AUTO.” (Refer to Section [4-3.](#))

4. When a message “XXX VERSION UP EXEC?” (XXX: PLD name) appears, press the ENTER key.
5. Confirm that the PLD has been upgraded and a message “COMPLETE” appears.

*1: IC422 is an IC for system expansion and is not planned for use at present.

6. Turn off the power and remove the Memory Stick.
7. When the unit is turned on, the PLD is upgraded and runs.
8. Check that the main program has been upgraded with “AT Diag and DPR Diag” of status display. (Refer to the Operating Instructions.)

2-5. Periodic Replacement Parts

This table does not describe the guarantee period of part.

The replacement period of each part depends on the environment and condition. Refer to [“5. Replacement of Main Parts”](#) for the replacement method of parts.

Part name	Part No.	Check/replacement period
FAN, DC (60 SQUARE)	△ 1-855-252-11	Replace every two years (When used for eight hours a day.)

2-6. Notes on Replacement of Circuit Board

2-6-1. EEPROM Data

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

Note

The part number listed in “Spare Parts” is for EEPROM which is not programmed. Therefore, program a new EEPROM after replacement. For details, contact your local Sony Sales Office/Service Center.

Board name	Ref. No.	Stored data
AT-191	IC106, IC107	MAC address, etc.
DPR-337F	IC309	Serial number and board adjustment data

2-6-2. Actions to Be Taken after Board Replacement/Repair

Board name	Action
AT-191	• Re-setting of model name and destination (Refer to Section 4-3.) • Re-setting of DATE/TIME after replacement of lithium battery (Refer to Section 2-1-2.)
DPR-337F	• Re-setting of serial number (Refer to Section 4-3.) • Video Signal System Adjustment (Refer to Section 6-3.)

2-7. Circuit Protective Devices

2-7-1. Thermistor

This unit is provided with positive thermistors for power circuit. If an overcurrent flows in a positive thermistor or it heats up to a certain degree with the increase of the ambient temperature, its internal resistance increases sharply to limit the current flowing in the circuit. When a thermistor is activated, turn off the power and check the circuit of the unit. After the cause of the problem is removed and the device cools down, turn on the power again. The unit will work normally.

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

Board	Ref.No.	Address	Part No.
AT-191	THP4	A1 (Side B)	△ 1-802-108-11
	THP5	A3 (Side A)	△ 1-804-616-21
	THP100	A4 (Side A)	△ 1-771-845-21
	THP500	F2 (Side A)	△ 1-804-616-21
	THP501	G3 (Side A)	△ 1-804-616-21
	THP502	G3 (Side A)	△ 1-804-616-21
	THP503	F1 (Side A)	△ 1-804-458-21
	THP504	G1 (Side A)	△ 1-804-616-21
	THP505	G1 (Side A)	△ 1-804-616-21
	THP506	F1 (Side A)	△ 1-804-458-21
	THP507	G1 (Side A)	△ 1-804-616-21
DPR-337F	THP1	G5 (Side A)	△ 1-805-725-11
	THP2	G5 (Side A)	△ 1-802-243-11
	THP20	B3 (Side B)	△ 1-805-725-11
	THP100	G4 (Side A)	△ 1-804-458-21
	THP102	G4 (Side A)	△ 1-804-987-21
	THP103	G3 (Side A)	△ 1-804-616-21
	THP105	F4 (Side A)	△ 1-803-615-21
	THP106	F3 (Side A)	△ 1-804-458-21
	THP107	G3 (Side A)	△ 1-804-616-21
	THP108	F3 (Side A)	△ 1-804-616-21
	THP109	G4 (Side A)	△ 1-803-615-21
	THP110	G4 (Side A)	△ 1-803-615-21
	THP111	G3 (Side B)	△ 1-804-616-21
	THP114	G3 (Side A)	△ 1-804-987-21
	THP115	G3 (Side B)	△ 1-804-616-21
	THP118	G2 (Side A)	△ 1-804-616-21
	THP120	B3 (Side B)	△ 1-804-616-21
	THP121	G2 (Side A)	△ 1-804-616-21
	THP122	G2 (Side A)	△ 1-804-616-21
	THP200	A2 (Side A)	△ 1-804-616-21
PS-862	THP1	A2 (Side B)	△ 1-810-106-91
	THP11	B5 (Side B)	△ 1-802-108-11

2-8. Cleaning of Connector/Cable

The photo receptive condition of the optical connector can be checked at OPTICAL CONDITION on the front panel of this unit.

- When lit in green: Normal (-15 dBm and higher)
- When lit in yellow: Normal (-15 to -18 dBm)
- When lit in red: Abnormal (Less than -18 dBm)

When lit in red, be sure to clean the optical contact portions.

When lit in yellow, cleaning is recommended.

The attenuation of the photo-receptive level may cause transmission error between the camera and this unit. In the case of attenuation, be sure to clean optical contact portions proceeding as follows.

Note

Clean optical contact portions of all devices to be connected.

Example:

- HD camera adaptor
- HD camera control unit
- Power supply unit
- Optoelectrical composite cable
- Joint adaptor

2-8-1. Cleaning Connectors/Cables of NEUTRIK

A NEUTRIK's connector is normally mounted as the CAMERA connector of this unit.

When the CAMERA connector has been replaced with a LEMO's connector by the fiber connector kit (HKC-LC02), refer to "2-8-2. Cleaning Connectors/Cables of LEMO".

When the Optical Connector Cleaner (Commercially Available) is Available

Tool and fixtures

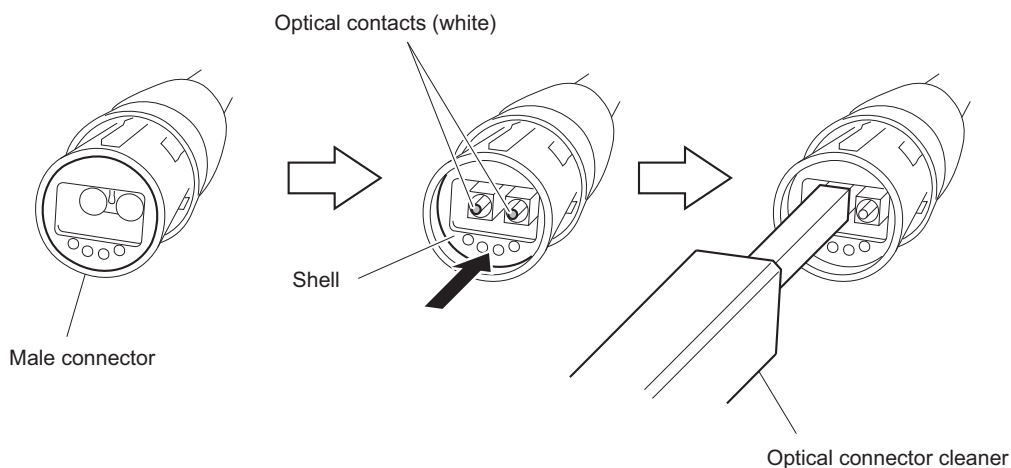
- FOCD-DC125 (DRY Cleaner, 1.25mm) manufactured by NEUTRIK, 9393 (IBC™ Brand Cleaner LC, 1.25mm) manufactured by US CONEC, or equivalent.

Cleaning of male connector

While pushing the shell, clean the tip of the white optical contacts using the optical connector cleaner.

Note

The sealing shutter is released while the shell is being pushed.

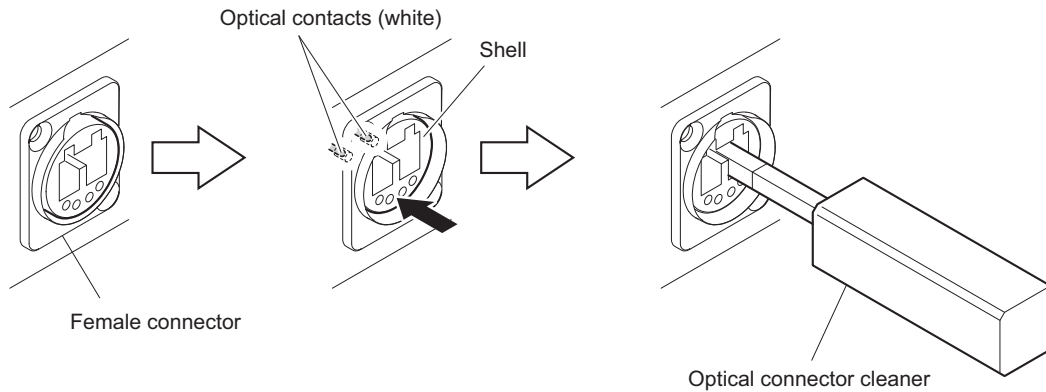


Cleaning of female connector

While pushing the shell, clean the tip of the white optical contacts using the optical connector cleaner.

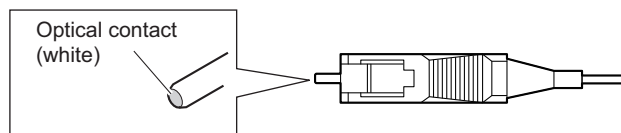
Note

The sealing shutter is released while the shell is being pushed.



Cleaning of connector

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



When the Optical Connector Cleaner (Commercially Available) is not Available

Tool and fixtures

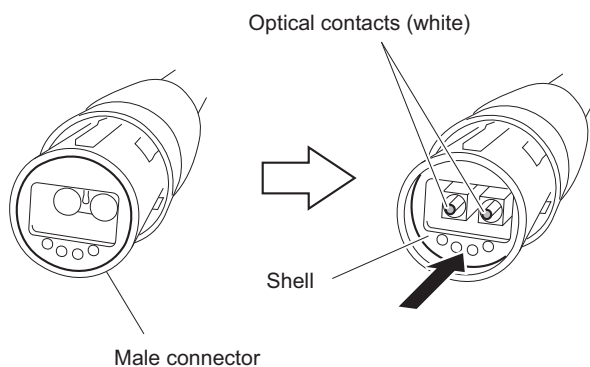
- Alcohol (commercially available)
- Cotton swabs (commercially available)

Cleaning of male connector

While pushing the shell, clean the tip of the white optical contacts with a cotton swab moistened with alcohol.

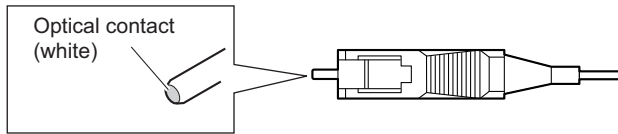
Note

The sealing shutter is released while the shell is being pushed.



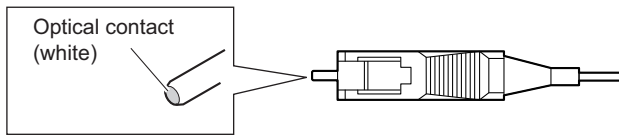
Cleaning of female connector

1. Remove the optical connector assembly from this unit and disconnect the two optical fiber cables from the optical connector assembly. (Refer to “5-9. Optical Connector Assembly”)
2. Clean the tip of the white optical contacts with a cotton swab moistened with alcohol.



Cleaning of connector

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



2-8-2. Cleaning Connectors/Cables of LEMO

When the Optical Connector Cleaner (Commercially Available) is Available

Tool and fixtures

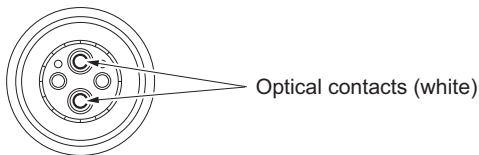
- Optical connector cleaner (commercially available)
 - Product name: CLETOP[®]
 - 14100402 or 14100403 (stick type) or equivalent
 - 14100402: 2.0 mm
 - 14100403: 2.0/2.5 mm double ended

Notes

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

Cleaning of male connector

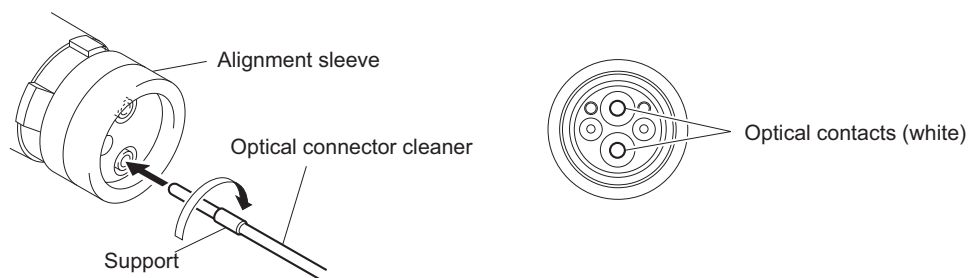
Clean the tip of the white optical contacts using the optical connector cleaner.



Cleaning of female connector

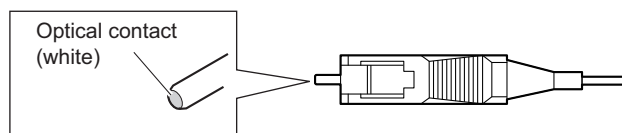
1. Insert the optical connector cleaner straight. Ensure that it is held straight when inserting.
2. Apply sufficient pressure to ensure that the optical contact is a little depressed.
(approximately 600 g to 700 g)

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



Cleaning of connector

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



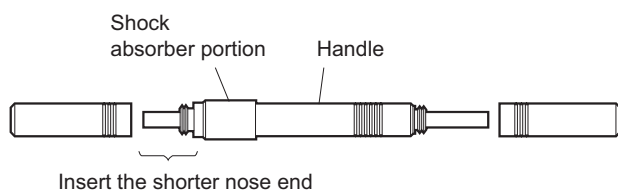
When the Optical Connector Cleaner (Commercially Available) is not Available

Tool and fixtures

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

Note

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



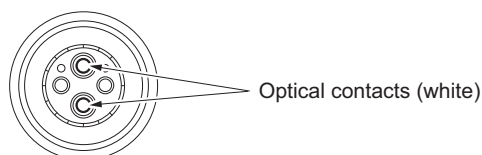
- Alcohol (commercially available)
- Cotton swabs (commercially available)

Note

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

Cleaning of male connector

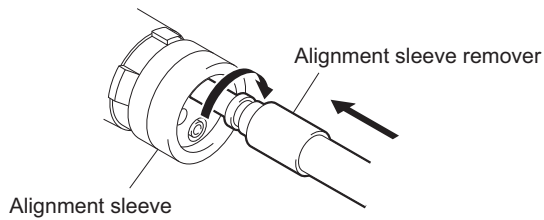
Clean the tip of the white optical contacts with a cotton swab moistened with alcohol.



Cleaning of female connector

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

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

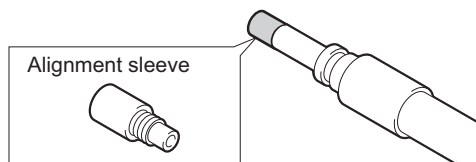


2. When the turn stops, pull out the remover in the straight line forcedly.

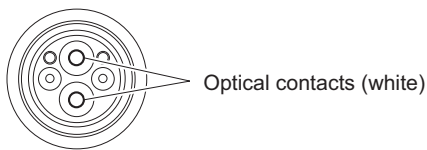
Note

The alignment sleeve can be removed/reinstalled with the sleeve itself attached to the tip of the remover. Great care should be taken so as not to lose or damage the alignment sleeve.

Alignment sleeve: Sony Part No. : 9-980-074-01



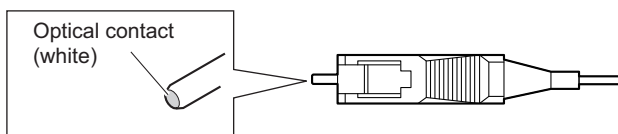
3. Clean the tip of the white optical contacts with a cotton swab moistened with alcohol.



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

Cleaning of connector

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



2-9. Circuit Description

2-9-1. Overview

This unit consists of a power supply block, a control block, a signal processing block, a rear panel block, and a front panel block.

2-9-2. Power Supply Block

The power supply block consists of two types of AC-DC power supply unit and a PS-862 board that contains a circuit to control to be supplied to the camera. This block generates various DC voltages (48 V for the camera, 15 V for the RCP, 15 V for the CCU internal circuit, and 12 V for the cooling fan) from AC-DC power.

Commercial power voltage 100 to 240 V AC is supplied from the AC inlet on the rear of the unit through the front AC switch to the two types of AC-DC power supply unit.

The power to be used in the CCU body is supplied from the AC-DC power supply unit that outputs 15 V DC through the PS-862 board to DPR-337F board where the power is converted to voltages to be used in each board.

The power to the camera is supplied from the AC-DC power supply unit that outputs 48 V DC through the PS-862 board.

PS-862 board

The PS-862 board consists of a switch circuit for power supply to the camera, a 12 V DC power circuit for the cooling fan, a fan operation detection circuit, a power protection circuit for the RCP, and a power detection circuit for the RCP. The switch circuit for power supply to the camera outputs power voltages when the camera cable is properly connected and there is no voltage drop.

Abnormal temperature in the power unit is detected in the PS-862 board.

2-9-3. Control Block

The control block is integrated in the AT-191 board and has a microcomputer (SH2A) to control the boards in this unit and the power supply unit for the camera.

This block performs command communication with the camera and RCP, IIC communication with the front panel, and system settings including the camera.

This block also has a LAN connector (RJ-45) for communication with external devices and controls the connection with the external LAN controller IC.

In addition, this block allows the CCU firmware and the PLD program to be upgraded using a Memory Stick.

2-9-4. Signal Processing Block

The signal processing block mainly consists of an optical fiber transmission circuit on the AT-191 board, a video signal processing circuit, an audio signal processing circuit, a synchronization processing circuit, and a DC-DC power circuit on the DPR-337F board.

Optical fiber transmission circuit

The transmission block consists of a circuit for receiving serial data sent from the camera and a circuit for sending serial data to the camera. The CCU has a function for detecting optical signal reception status and displaying the reception status of the CCU and the camera adapter on the OPTICAL CONDITION LED on the front panel. The light receiving

intensity on the CCU side is transmitted with the IIC signal that is output from the optical module, and the light receiving intensity on the camera side is transmitted to the CCU with the command communication from the camera.

- **Serial data receiving circuit**
The optical signal sent from the camera adapter is converted to electrical signal by the optical module on the AT-191 board, and the converted electrical signal is input to the transmission signal processing circuit (IC1000). Serial/parallel conversion and 10b/8b conversion are made for the input serial signal, and the converted signal is separated to camera video signal, audio signal, trunk signal, intercom signal (CAM to CCU), and command signal (CAM to CCU). Separated various signals are sent to the DPR-337F board and the command signal (CAM to CCU) is processed in IC1000.
- **Serial data sending circuit**
Return video signal, prompter video signal, and intercom signal (CCU to CAM) from the DPR-337F board is input to the transmission signal processing circuit (IC1000) on the AT-191 board.
Input various signals are superimposed with the command signal (CCU to CAM) in IC1000 as an HD-SDI signal. Then 8b/10b conversion and parallel/serial conversion are made for the HD-SDI signal, and the converted signal is converted to an optical signal by the optical module and the optical signal is sent to the camera.

Video signal processing circuit

The video signal processing circuit processes the camera video signals (parallel data) restored in the receiver circuit above in accordance with usage such as down-conversion. This circuit is divided into a main-line channel to output each video signal to the rear panel and a return channel to apply cable correction processing to the VBS return video and VBS prompter signals from the rear panel and send the processed signals to the camera.

Main-line channel video signals

After the main-line channel video signals sent from AT-191 board are output from the video signal processor (IC601), the following processing is performed according to each output.

- **SDI output:**
The next processor (IC600) superimposes audio signals and sync signals, and the parallel-to-serial converter (IC-809/IC810) converts the superimposed signal to HD-SDI or SD-SDI signal. Then the HD-SDI or SD-SDI signal is output from the CCU rear panel.
- **Analog component output:**
The HD-YPbPr or SD-YCD signal from the video signal processing circuit is converted to RGB signal by the next processor (IC600) according to the output format setting and is then converted to an analog signal. Then the analog signal is output from the CCU rear panel.
- **VBS output:**
The SD-YCD signal output from the video signal processing circuit is converted to VBS signal by the encoder (IC1101), and the VBS signal is converted to an analog signal for each output of PIX and VBS. Then the analog signal is output from the rear panel of the CCU.
- **S-Video output:**
The character data is superimposed on the SD-YCD output signal of the video signal processing circuit by the next processor (IC900) and the superimposed signal is converted to an analog signal. Then the analog signal is output from the rear panel of the CCU.
- **HDMI output:**
The audio signal is superimposed on the HD-YPbPr or SD-YCD signal from the video signal processing circuit by the next processor (IC900) and the superimposed signal is converted to an HDMI signal by the transceiver (IC1000) for transmission. Then the HDMI signal is output from the rear panel of the CCU.

Return channel video signals

The following processing is applied to each of the return channel video signals from the rear panel.

- Return video input:
SDI return video 1 and 2 signals that are input to the rear panel are input through SDI EQ (IC800, IC801) on the AT-191 board to the transmission signal processing circuit (IC1000).
VBS return video 1 and 2 signals that are input to the rear panel are sent through the buffer circuit on the CN-3556 board to the DPR-337F board. Then the signals are sent to the AT-191 board only in the channel selected by the camera. The analog signals are converted to digital signals by the AD converter (IC700) on the AT-191 board, and the converted digital signals are input to the transmission signal processing circuit (IC1000).
The VBS return signal and the SDI return signal are switched in IC1000, and the selected signal is sent to the camera.
- VBS prompter video input:
The prompter video signals that are input to the rear panel are sent through the drive circuit on the DPR-337F board to the AT-191 board where the analog prompter video signals are converted to digital signals by the AD converter (IC700), and the converted digital signals are input to the transmission signal processing circuit (IC1000). The digital signals are superimposed with another signal in IC1000 and the superimposed signal is sent to the camera. Inputs of the CCU rear panel are compatible with the loop through function. When an additional signal is connected to the input side, the signal is automatically terminated with 75-ohm resistance.

Audio signal processing circuit

Audio signals restored from the receiver circuit and intercom signals (ENG/PROD/PGM/Front-Intercom) input to this unit are transferred to the audio processing circuit (IC2300) for signal processing. Some signals that are output from the audio processing circuit are superimposed with SDI, HDMI, and transmit signals from the AT-191 board as digital signals, and other signals are D/A-converted and output from the front or rear side of the CCU.

Synchronization processing circuit

With an HD and SD signal generator, this circuit establishes synchronization between camera and CCU and performs processing for synchronization with external reference input.

The input external reference signal is automatically identified to be HD or SD signal for the synchronizing processing. This circuit also has SYNC output, which enables switching between tri-level HD SYNC and SD SYNC.

DC-DC power circuit

This circuit generates voltages used in the DPR-337F board from the 15 V DC supplied from the power supply block. This circuit has a configuration for power outputs consisting of an analog circuit and a digital circuit in accordance with usage.

In addition to the above circuit, the DPR-337F board contains a character generator for CCU menu output and an EEPROM that retains component, VBS video level adjustment value, and reference value for determining cable length.

2-9-5. Rear Panel Block

The rear panel block has the following connectors for interface between this unit and external devices.

HDI out, VBS out, component out, PIX out, HDMI out, S-Video out, Ref in, Return in, Prompter in, AUDIO out, INCOM/TALLY/PGM (Dsub 25-pin), REMOTE, TRUNK LINE (Dsub 9-pin), Ethernet, MS, camera (optical fiber connector)

This block consists of boards DPR-337F, AT-191, CN-3556, CN-3582, and CN-3584.

DPR-337F board

This board contains the following interface connectors that are secured directly to the rear panel.

HD/SD-SDI out 1 to HD/SD-SDI out 4 (BNC x 4)

HDMI out

REFERNSE in (BNC x 2: loop-through: auto termination)

VBS PROMPTER in (BNC x 2: loop-through: auto termination)

INCOM/TALLY/PGM (Dsub 25-pin)

AT-191 board

This board contains a connector for the SDI in, an RJ-45 connector for the LAN interface, and a Memory Stick interface only for service, which are secured to the rear panel and connected to the DPR-337F board with three 45-pin flexible flat cables.

CN-3556 board

This board contains the following interface connectors that are secured directly to the rear panel and connected to the DPR-337F board with a 45-pin flexible flat cable.

S-VIDEO out

VBS out 1, VBS out 2 (BNC x 2)

Component out (BNC x 3)

PIX out (BNC x 1)

SYNC out (BNC x 1)

RETURN VIDEO in 1, RETRN VIDEO in 2 (BNC x 4: loop-through: auto termination)

AUDIO out 1, AUDIO out 2 (XLR 3 pin x 2)

CN-3582 board

This board contains a Dsub 9-pin TRUNK LINE interface connector and an RS232C driver circuit (IC1). The connector is connected to the DPR-337F board with a flexible flat cable.

CN-3584 board

This board contains a REMOTE connector for connection to the RM and RCP, which is connected to the AT-191 board. A power voltage of 15 V DC is supplied to the RM and RCP from the PS-862 board through the DPR-337F and AT-191 boards. The PS-862 board is provided with an overcurrent protection circuit.

2-9-6. Front Panel Block

The front panel block consists of boards SW-1572, LED-518, LED-519, and CN-3583. These boards contain system setup switches, a potentiometer control circuit, a display circuit, an INCOM system interface circuit, and a CCU MENU operation circuit.

SW-1572 board

This board contains system setup switches and a potentiometer control circuit, and is controlled from the DPR-337F board through the IIC communication.

This board also contains a tally (red/green) control circuit, status display LEDs (such as for cable open and CAM power), a CCU menu operation switch, a rotary encoder, a switch and a microphone amplifier for the front intercom.

CCU menus are provided for the gain of the front intercom microphone amplifier, BIAS power ON/OFF, balanced signal/unbalanced signal switching, and selection of items for the LOCK switch.

The SW-1572 board is connected to the DPR-337F board only with a 45-pin flexible flat cable.

LED-518 board

This board contains 7-segment LEDs to display SHUTTER SPEED and MASTER GAIN. Indication of these LEDs is controlled from the SW-1572 board through board-to-board connectors.

LED-519 board

This board contains a TALLY (red/green) LED. Indication of this LED is controlled from the SW-1572 board through a flexible flat cable.

CN-3583 board

This board contains an INCOM connector (XLR-5 female) to be connected to the input amplifier on the SW-1572 board with a harness.

2-10. 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

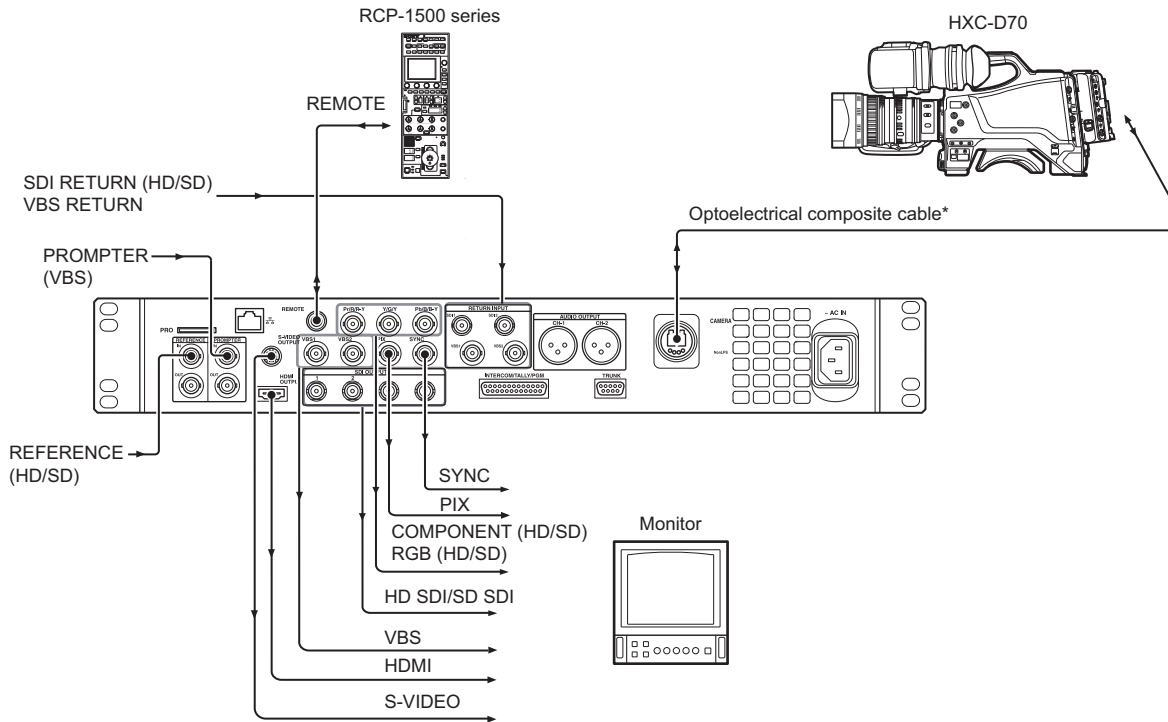
- Be sure to use the unleaded solder for the printed circuit board printed with the lead free mark.
- The unleaded solder melts at a temperature about 40 °C higher than the ordinary solder. Therefore, it is recommended to use a soldering iron having a temperature regulator.
- The ordinary soldering iron 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 3

System Setup

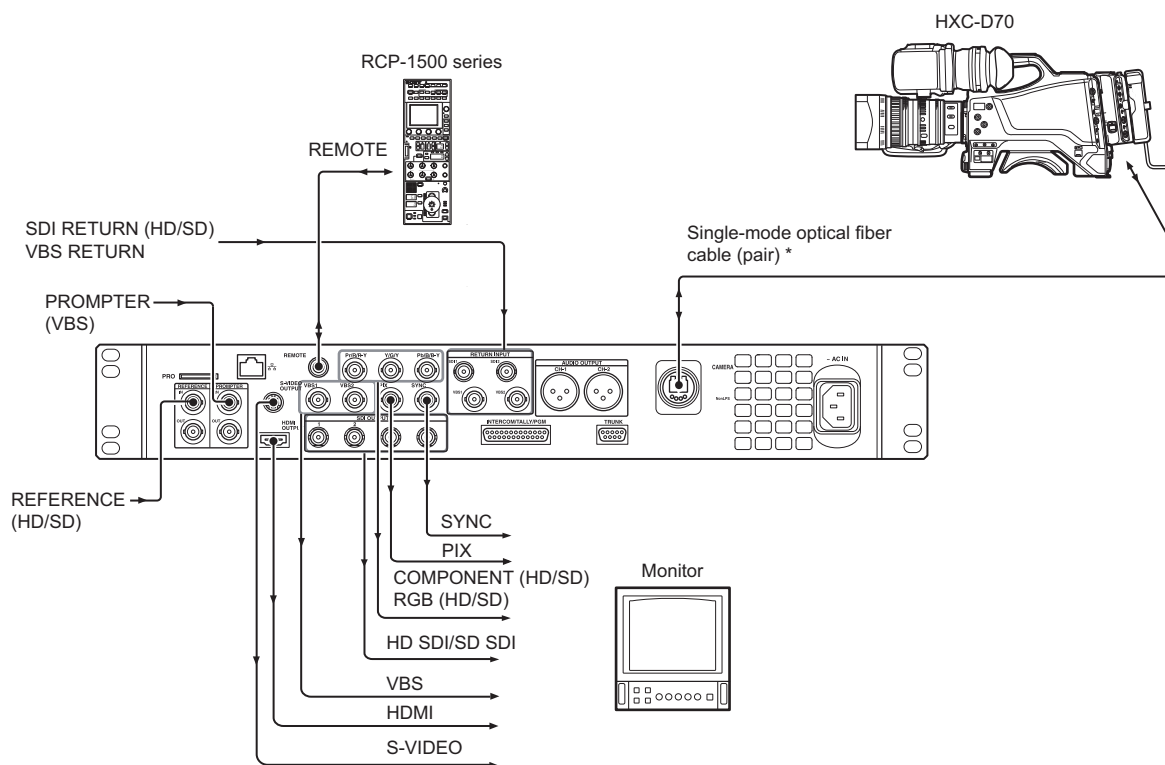
3-1. System Connection

3-1-1. Connection Using Optoelectrical Composite Cable



*: The maximum transmission distance is 250 m (820 ft) when Sony CCFN-25/50/100 Hybrid Fiber Cable is used.

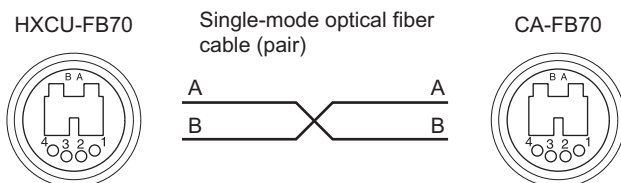
3-1-2. Connection Using Single-mode Optical Fiber Cable Only



*: The maximum transmission distance is 10 km (32,800 ft) when a general single-mode optical fiber cable with an LC connector is used.
If the unit is connected only with the single-mode optical fiber cable, no power can be supplied from the HXCU-FB70.
Attach the AC adapter AC-DN2B/DN10 to the CA-FB70 or supply power from the CA-FB70's DC IN connector.

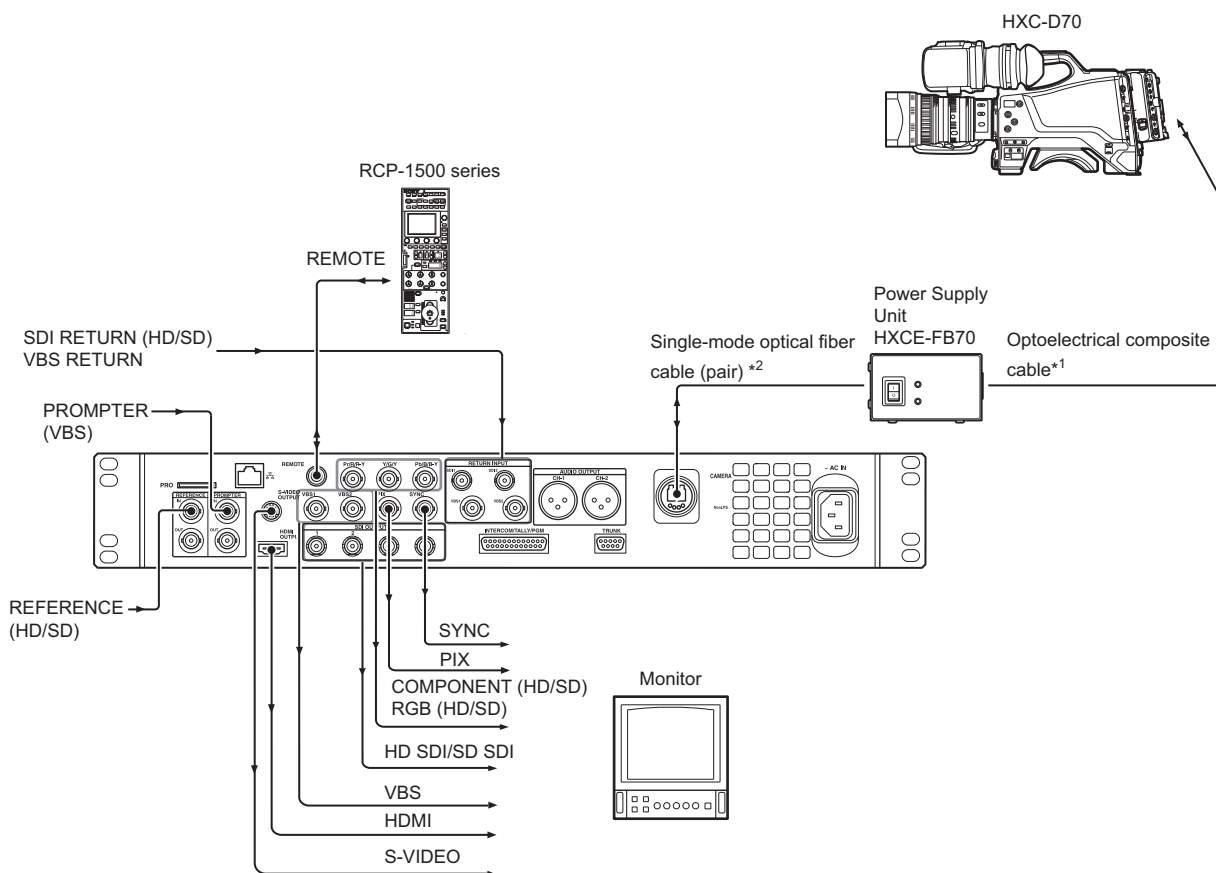
Note

- When you use only single-mode optical fiber cable to connect the CA-FB70 to this unit, configure the optical output setting in the unit. (Refer to the Operating Instructions.)
- Connect the single-mode optical fiber cable as shown below so that connecting destinations cross (A to B, B to A) between this unit and the CA-FB70.



- The single-mode optical fiber cable used for the connection must use the cable that the following specifications are complied with.
 - Terminal shaped: PC (Physical Contact) polishing or Advanced PC etc. PC polishing compatible cable
 - Wavelength : 1310 nm compliant

3-1-3. Connection Using the HXCE-FB70 Power Supply Unit

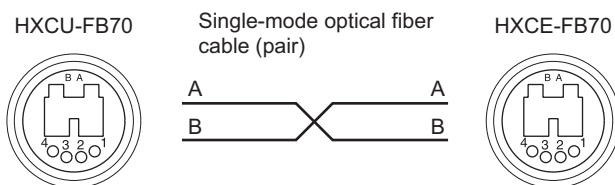


*1: The maximum transmission distance is 250 m (820 ft) when Sony CCFN-25/50/100 Hybrid Fiber Cable is used.

*2: The maximum transmission distance is 10 km (32,800 ft) when a general single-mode optical fiber cable with an LC connector is used.
When using a Sony's hybrid fiber cable CCFN-25/50/100 or an SMPTE cable (LEMO's connector), confirm that the input AC power line of the HXCE-FB70 and HXCU-FB70 is securely grounded.

Note

- Connect the single-mode optical fiber cable as shown below so that connecting destinations cross (A to B, B to A) between this unit and the HXCE-FB70.



- The single-mode optical fiber cable used for the connection must use the cable that the following specifications are complied with.
 - Terminal shaped: PC (Physical Contact) polishing or Advanced PC etc. PC polishing compatible cable
 - Wavelength : 1310 nm compliant

3-2. Audio System

3-2-1. Intercom System Setting

Two intercom lines^{*1} (producer line and engineer line) are available in this unit.

This unit supports 4-wire (4W), RTS, and Clear-Com (CC) intercom systems. Make settings of the menu according to the system to be used.

Selecting Intercom System

Note

Set the intercom system with CCU CONFIGURATION menu. (Refer to the Operating Instructions.)

Select an intercom system (4W, RTS, or CC) of the engineer line and producer line according to the system to be used.

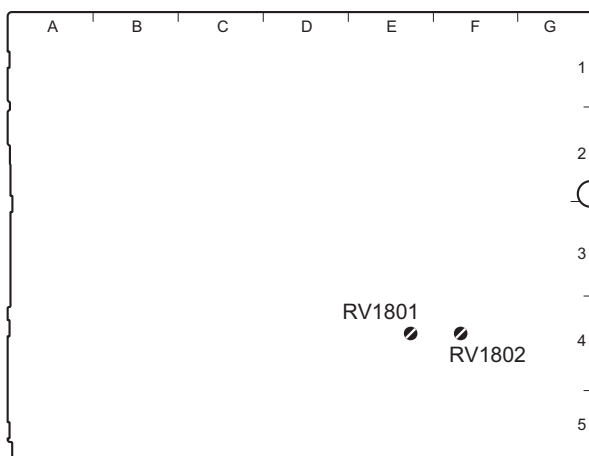
Note

When intercom system is set to RTS or Clear-Com be sure to connect the unit to the RTS or Clear-Com system. Failure to do so will cause the output to oscillate and adversely affect the surrounding circuit.

Adjusting RTS Cancellation (RTS/Clear-Com)

When the RTS or Clear-Com system is used, adjust the sidetone cancellation amount using the following procedure. Before beginning adjustment it is recommended to make a copy of setup conditions. You can easily restore the original settings after adjustment.

1. Set the C07: SIDE TONE value of the CCU CONFIGURATION menu to 0.
2. Set the INTERCOM switch on the front panel to PROD.
3. While speaking to the headset microphone, adjust potentiometer RV1801 (PROD RTS CANCEL) on the DPR-337F board so that the voice heard from the headset becomes minimum.
4. Set the INTERCOM switch on the front panel to ENG.
5. While speaking to the headset microphone, adjust potentiometer RV1802 (ENG RTS CANCEL) on the DPR-337F board so that the voice heard from the headset becomes minimum.
6. Re-set the C07: SIDE TONE value of the CCU CONFIGURATION menu to the customer settings.



DPR-337F board (Side A)

*1: The producer line is always mixed with the engineer line at the camera side.

Setting PGM Audio Signal Input Level

Set the PGM audio signal (PGM) with C06: PGM INPUT according to signal level.

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

Setting Headset Microphone

1. Set C07: INCOM MIC of the CCU CONFIGURATION menu according to the microphone type of the headset to be connected to the front INTERCOM connector.
 - Carbon microphone: CARBON (-20 dBu, power supplied)
 - Condenser microphone: ECM (-40 dBu, power supplied)
 - Dynamic microphone: DYNAMIC (-60 dBu, no power supplied) (factory setting)
2. When the dynamic microphone is used, set C07: MIC TYPE of the CCU CONFIGURATION menu according to the microphone of the headset to be connected to the front INTERCOM connector.
 - BALANCE : Balanced microphone
 - UNBALANCE : Unbalanced microphone (factory setting)

Adjusting Sidetone Volume

Adjust the sidetone volume of the headset connected to the front INTERCOM connector with C07: SIDE TONE of the CCU CONFIGURATION menu according to the headset to be used. Too high volume of the sidetone may cause howling.

Selecting PGM Audio Signal

Select the PGM audio signal of the headset connected to the front INTERCOM connector to a desired level with C07: PGM MIX of the CCU CONFIGURATION menu.

- OFF: Do not PGM MIX
- INCOM+PGM: INCOM and PGM mixed
- L-INCOM/R-PGM: The INCOM signal is output from the left and the PGM signal is output from the right.

Headset output selection

		C07: PGM MIX (CCU menu)		
		INCOM + PGM	OFF	L-INCOM/R-PGM
MIC/PGM switch	ON	Intercom + PGM	Intercom	Left : Intercom Right: PGM
	OFF			
	PGM		PGM	

Adjusting PGM Audio Signal Mixing Volume

Adjust the PGM audio signal mixing volume of the headset connected to the front INTERCOM connector to a desired level with C07: PGM LEVEL of the CCU CONFIGURATION menu.

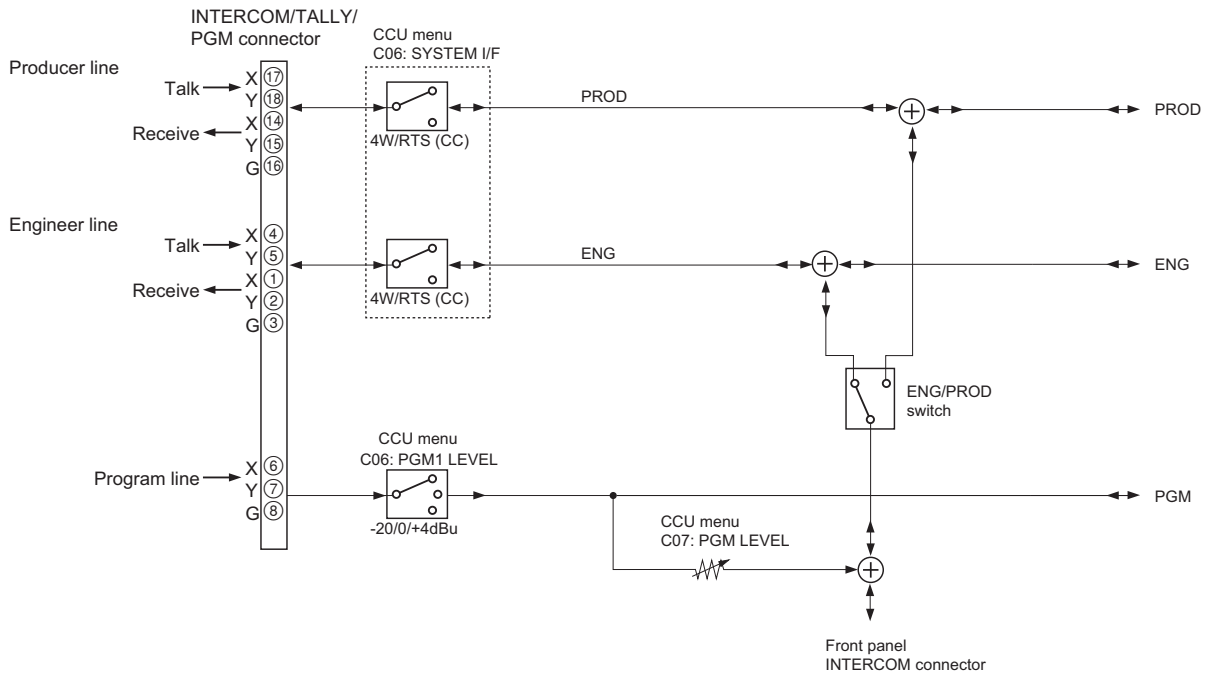
Selecting Intercom Line to Be Connected to the INTERCOM Connector

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

Producer line: PROD

Engineer line: ENG

Intercom Signal Flow



3-2-2. Audio Setting

This unit can receive two independent microphone lines (Audio1, Audio2) from the camera and output them.

Note

Set the intercom system with CCU CONFIGURATION menu. (Refer to the Operating Instructions.)

Remote Controlling audio input gain

Remote Control Using the CCU CONFIGURATION Menu

Set the gain with C05: MIC/AUDIO of the CCU CONFIGURATION menu.

20, 30, 40, 50, 60 dB (factory setting: 60 dB)

Control from the RCP-1500 series

Remote control can be set from the Maintenance menu of the RCP-1500 series connected to this unit .

20, 30, 40, 50, 60 dB

Note

Maintenance menu → Camera → Microphone Gain

Setting Audio Output Level

Set the Audio outputs (CH-1 and CH-2) with C05: MIC/AUDIO according to each signal level.

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

3-3. System Settings

3-3-1. Tally System Setting

This unit supports red tally and green tally systems. Only contact supply input is supported. The output is open collector (Max. 30 mA).

3-3-2. Camera Number Setting

Set the camera number with N03: CCU NO of the NETWORK SETTINGS menu. (Refer to the Operating Instructions.)

3-4. Video Signal System

Video signals of this unit and the equipment used for a camera system were adjusted to the specified levels in the factory shipping process.

Before starting operation, check the signal levels between equipment and adjust them, if necessary.

3-4-1. Input/Output Signal Selection

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

3-4-2. Signal Phase Adjustment

Adjust signal phases of the unit.

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

REFERENCE connector

Input the HD tri-level sync signal or black burst signal.

HD tri-level sync signal: 0.6 Vp-p

Black burst signal:

- NTSC: 0.286 Vp-p
- PAL: 0.3 Vp-p

Adjusting Sync Signal Phase

Adjust the sync signal phase with S02: GENLOCK PHASE of the SYSTEM OPERATION menu so that the output signal phase matches the phase of the reference signal. (Refer to the Operating Instructions.)

3-4-3. Aspect Ratio Setting for Down-Conversion

Note

Set the intercom system with SYSTEM OPERATION menu. (Refer to the Operating Instructions.)

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

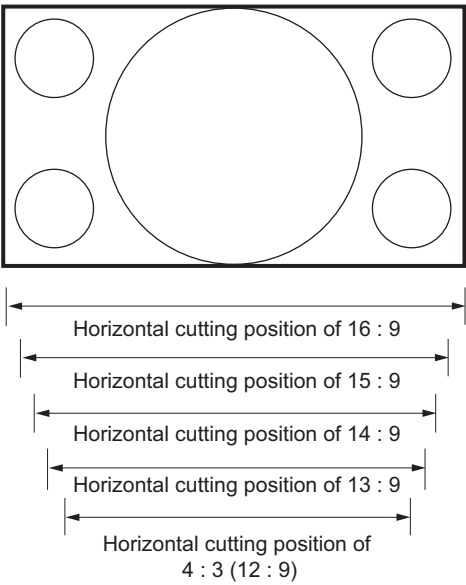
Set the aspect ratio with the S05: SD ASPECT of the SYSTEM OPERATION menu or with RCP-1500 series.

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

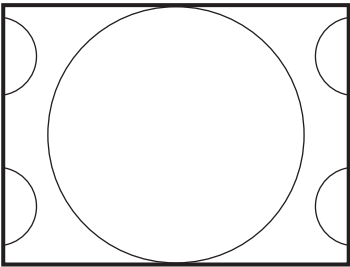
Squeeze	Converts the HD video signal to SD signal with an aspect ratio of 16 : 9 unchanged (16 : 9)
Edge crop	Crops 4 : 3 video part from the HD video signal and converts it to SD signal (4 : 3)
Letterbox	Fits the HD video signal with an aspect ratio of 16 : 9 into a 4 : 3 monitor frame and converts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

Examples of display

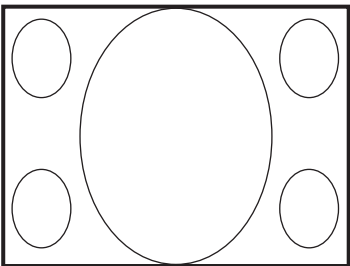
16 : 9 picture (picture from camera)



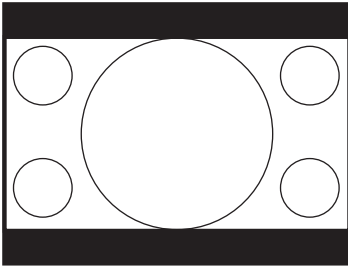
Picture whose aspect ratio is converted (SD output)



Edge-crop
CROP POSITION can be changed.

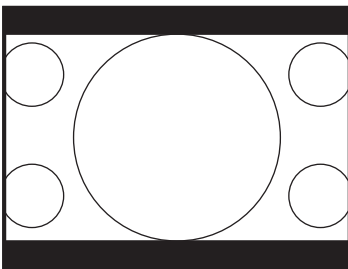


Squeeze
The 16 : 9 ratio picture is output in the SD format without changing the ratio.



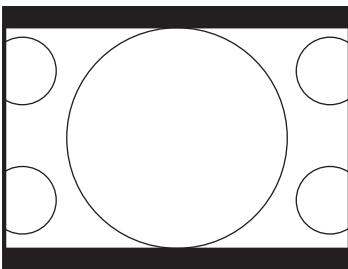
Letter box (16 : 9)

The 16 : 9 ratio picture is inserted into the 4 : 3 ratio picture and is output in the SD format.



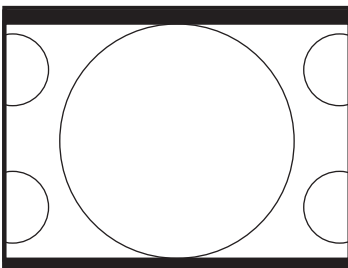
Semi-letter box (15 : 9)

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



Semi-letter box (14 : 9)

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



Semi-letter box (13 : 9)

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

3-4-4. VBS Signal Level Adjustment

Adjust the VBS signal level that is output from this unit using the CCU color-bar signal.

Note

Set the intercom system with MAINTENANCE menu. (Refer to the Operating Instructions.)

Adjustment Procedure

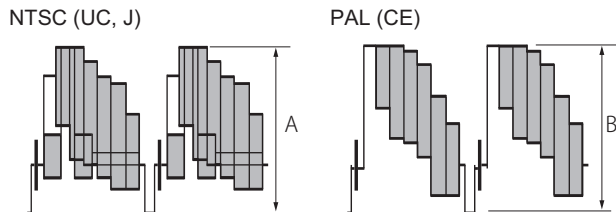
Adjust the VBS signal level with VBS LEVEL of M05: ANALOG VIDEO in the MAINTENANCE menu.

Equipment: SD waveform monitor

Test Point: VBS connector /rear panel

Specification:

- $A = 140 \pm 1$ IRE (75 Ω termination)
- $B = 1000 \pm 7$ mV p-p (75 Ω termination)



3-4-5. Picture Monitor Signal Level Adjustment

Adjust the PIX output signal level using the CCU color-bar signal.

Note

Set the intercom system with MAINTENANCE menu. (Refer to the Operating Instructions.)

Picture Monitor Signal Level Adjustment

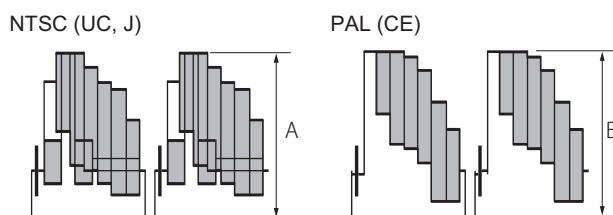
Adjust the PIX output signal level with PIX LEVEL of M05: ANALOG VIDEO in the MAINTENANCE menu.

Equipment: SD waveform monitor

Test Point: PIX out connector/ rear panel

Specification:

- $A = 140 \pm 1$ IRE (75 Ω termination)
- $B = 1000 \pm 7$ mV p-p (75 Ω termination)



Section 4

Maintenance Mode

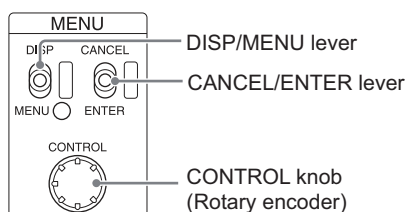
This unit can display the status of this unit and entire system on the video monitor connected to the PIX connector to check and change settings.

4-1. Preparations

4-1-1. Starting/Exiting the Maintenance Mode

Starting

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



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

```

**CCU MENU**

->SYSTEM OPERATION
  CCU CONFIGURATION
  NETWORK SETTINGS
  VE OPERATION
  MAINTENANCE
```

Exiting

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

Changing Setting Values

To enter:

Press the CONTROL knob.

To cancel:

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

To suspend:

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

4-1-2. Memory Stick

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

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

4-2. VE OPERATION Menu

V01: REFERENCE

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

V02: LENS FILE

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

V03: OHB FILE

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

V04: SCENE FILE

Menu screen	Item	Description
<pre> <SCENE FILE> →V04 TOP 1 2 3 4 5 STORE STANDARD MEMORY STICK READ (MS →CAM) WRITE (CAM→MS) FILE ID : CAM CODE DATE </pre>	1 to 5, STORE	When STORE operation is not used: Call the relevant scene file using the file number selection menu. After that, the indication of “STORE” is highlighted. To cancel the call, select the file number again. When STORE operation is used: Place the cursor at “STORE” and turn the CANCEL/ENTER lever to the ENTER side. A message “STORE NO?” appears and the indication of "STORE" is highlighted. Save the relevant scene file using the file number selection menu.
	STANDARD	Calls the registered reference file.
	READ (MS → CAM)	Reads the scene file from the memory stick and transfers it to the camera.
	WRITE (CAM → MS)	Acquires the scene file stored in the camera using the file transfer, and writes it to the memory stick.
	FILE ID	Comment information of the reference file stored in the memory stick. It can be edited from the menu.
	CAM CODE	Model name information of the scene file stored in the memory stick.
	DATE	Scene file save date information stored in the memory stick.

V05: VIDEO LEVEL

Menu screen	Item	Setting
<pre> <VIDEO LEVEL> →V05 TOP [R] [G] [B] [M] WHITE : 0 0 0 0 BLACK : 0 0 0 0 FLARE : 0 0 0 0 GAMMA : 0 0 0 0 V MOD : 0 0 0 0 FLARE : ON V MOD : ON D.SHAD : OFF TEST : OFF </pre>	WHITE R/G/B	±99
	BLACK R/G/B/M	±99
	FLARE R/G/B	±99
	GAMMA R/G/B/M	±99
	V MOD R/G/B/M	±99
	FLARE	ON/OFF
	V MOD	ON/OFF
	D.SHAD	ON/OFF
	TEST	OFF/1/2

V06: GAMMA

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

V07: BLACK GAMMA

Menu screen	Item	Setting
<BLACK GAMMA> →V07 TOP LEVEL : 0 RANGE : HIGH OFF	LEVEL RANGE	±99 LOW/MID L/MID H/HIGH ON/OFF

V08: KNEE

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

V09: WHITE CLIP

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

V10: USER MATRIX

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

V11: MULTI MATRIX

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

V12: DETAIL 1

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

V13: DETAIL 2

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

V14: SKIN DETAIL

This unit controls only channel [1].

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

V15: SHUTTER

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

V16: LOW KEY SAT

Menu screen	Item	Setting
<LOW KEY SAT> →V16 TOP LEVEL : 0 RANGE : HIGH : OFF TEST : OFF	LEVEL	±99
	RANGE	LOW/MID L/MID H/HIGH ON/OFF
	TEST	OFF/1/2

V17: CROSS COLOR

Menu screen	Item	Setting
<CROSS COLOR> →V17 TOP SUPPRESSION : 0 : OFF	SUPPRESSION	±99 ON/OFF

V18: SD GAMMA

Menu screen	Item	Setting
<SD GAMMA> →V18 TOP M-GAMMA : 0 PEDESTAL: [R] [G] [B] 0 0 0	M-GAMMA	±99
	PEDESTAL R/G/B	±99

V19: SD DETAIL 1

Menu screen	Item	Setting
<SD DETAIL 1> →V19 TOP DETAIL : ON LEVEL : 0 LIMITER [MST] : 0 [WHT] : 0 [BLK] : 0 CRISP : 0	DETAIL	ON/OFF
	LEVEL	±99
	LIMITER [MST]	±99
	[WHT]	±99
	[BLK]	±99
	CRISP	±99

V20: SD DETAIL 2

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

V21: SD CROSS COLOR

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

V22: SD USER MATRIX

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

V23: SD MULTI MATRIX

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

V24: BLACK SHADING

Menu screen	Item	Setting	Description
<BLACK SHADING> →V24 TOP [R] [G] [B] [M] V SAW : 0 0 0 V PARA : 0 0 0 H SAW : 0 0 0 H PARA : 0 0 0 BLK SET : 0 0 0 BLACK : 0 0 0 0 MASTER GAIN: 0dB AUTO BLACK SHADING GAIN BOUNCE: OFF	V SAW R/G/B	±99	
	V PARA R/G/B	±99	
	H SAW R/G/B	±99	
	H PARA R/G/B	±99	
	BLK SET R/G/B	±99	
	BLACK R/G/B/M	±99	
	MASTER GAIN	−3dB to +12dB	
	AUTO BLACK SHADING		To execute: Place the cursor at “AUTO BLACK SHADING”, and turn the CANCEL/ENTER lever to the ENTER side. To cancel: Turn the CANCEL/ENTER lever to the ENTER side during execution.
	GAIN BOUNCE	ON/OFF	

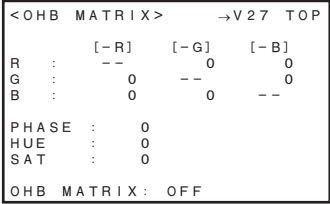
V25: WHITE SHADING

Menu screen	Item	Setting	Description
<WHITE SHADING> →V25 TOP [R] [G] [B] V SAW : 0 0 0 V PARA : 0 0 0 H SAW : 0 0 0 H PARA : 0 0 0 WHITE : 0 0 0 AUTO WHITE SHADING WHITE SHAD MODE: RGB	V SAW R/G/B	±99	
	V PARA R/G/B	±99	
	H SAW R/G/B	±99	
	H PARA R/G/B	±99	
	WHITE R/G/B	±99	
	AUTO WHITE SHADING		To execute: Place the cursor at “AUTO WHITE SHADING” and turn the CANCEL/ENTER lever to the ENTER side. To cancel: Turn the CANCEL/ENTER lever to the ENTER side during execution.
	WHITE SHAD MODE	RB/RGB	

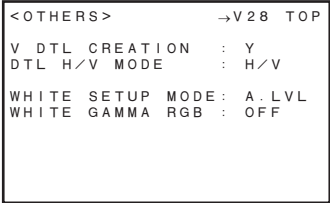
V26: AUTO IRIS

Menu screen	Item	Setting
<AUTO IRIS> →V26 TOP WINDOW : 1 IRIS LEVEL : 0 APL RATIO : 65 IRIS GAIN : 0 AUTO IRIS : OFF	WINDOW	1 to 6
	IRIS LEVEL	±99
	APL RATIO	±99
	IRIS GAIN	±99
	AUTO IRIS	ON/OFF

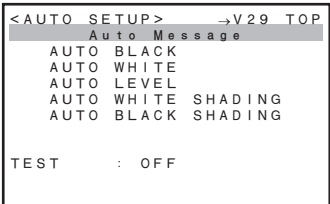
V27: OHB MATRIX

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

V28: OTHERS

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

V29: AUTO SETUP

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

The following messages are displayed in the shaded Auto Message.

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

V30: CCU VIDEO

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

4-3. MAINTENANCE Menu

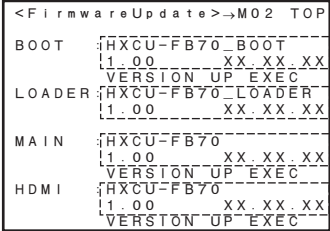
M01: SERIAL NO SET

Menu screen	Item	Setting	Description
<SERIAL NO SET> →M01 TOP SERIAL NO:00000000 NAME: HXCU-FB70 DEST: SYL WRITE EDIT CANCEL TIMER-RESET FACTORY-RECALL	SERIAL NO	00000000 to 99999999	The setup information is stored in the EEPROM (IC309) on the DPR-337F board.
	NAME	HXCU-FB70	
	DEST	SYL Common J Japan UC United States CE Europe	
	WRITE		Writes the above setup information to the EEPROM. Place the cursor at "WRITE" and turn the CANCEL/ENTER lever to the ENTER side. A message "SERIAL NO WRITE OK?" appears. Turn the CANCEL/ENTER lever to the ENTER side again to perform the processing.
	EDIT CANCEL		Restores the setup information during editing to the previous information before editing. Place the cursor at "EDIT-CANCEL" and turn the CANCEL/ENTER lever to the ENTER side. A message "EDIT DATA CANCEL OK?" appears. Turn the CANCEL/ENTER lever to the ENTER side again to perform the processing.
	TIME-RESET		Resets the timer for displaying power-on hours.
	FACTORY-RECALL		Resets all the setting values except the following items to the factory settings. - Media access control (MAC) address - Serial number - Power-on hours display timer - Setting values stored in the EEPROM on the DPR-337F board through the PLD.

Processing result indication

Setting Item	Normal end	Abnormal end	Description
WRITE	SERIAL NO WRITE OK	MODEL NAME IS WRONG	The NAME (model name) setting is not correct.
		DEST NAME IS WRONG	The DEST (destination) setting is not correct.
		SERIAL NO WRITE NG	Data cannot be written to the EEPROM.
EDIT-CANCEL	EDIT DATA CANCEL OK	—	

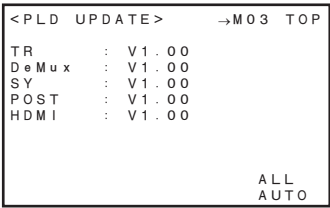
M02: FIRMWARE UPDATE

Menu screen	Item	Description
	BOOT	BOOT version information.
	VERSION UP EXEC	Place the cursor at “VERSION UP EXEC” and turn the CANCEL/ENTER lever to the ENTER side. A message “UPDATE BOOT BLOCK ?” appears. Turn the CANCEL/ENTER lever to the ENTER side again to perform the processing.
	LOADER	LOADER version information.
	MAIN	MAIN version information.
	VERSION UP EXEC	Place the cursor at “VERSION UP EXEC” and turn the CANCEL/ENTER lever to the ENTER side. A message “UPDATE BOOT BLOCK ?” appears. Turn the CANCEL/ENTER lever to the ENTER side again to perform the processing.
	HDMI	HDMI version information.
	VERSION UP EXEC	Place the cursor at “VERSION UP EXEC” and turn the CANCEL/ENTER lever to the ENTER side. A message “UPDATE HDMI BLOCK ?” appears. Turn the CANCEL/ENTER lever to the ENTER side again to perform the processing.

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

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

M03: PLD UPDATE

Menu screen	Item	Description
	TR	TR version information.
	DeMux	DeMux version information.
	SY	SY version information.
	POST	POST version information.
	HDMI	HDMI version information.
	ALL	Upgrades all ROM files stored in the Memory Stick.
	AUTO	Upgrades only files later than the current version of relevant ROMs in the Memory Stick.

M04: OTHERS

Menu screen	Item	Setting
<pre> <OTHERS> →M04 TOP CAM POWER REMOTE :NORMAL REFERENCE MODE :MANUAL SDI-MONI :MONI HDMI-MONI :MONI GRAY LINE :OFF PC CONTROL :DISABLE DT-BAR:MIX OFF V 1 H C VIDEO PAYLOAD ID: NEW SMPTE352M (2010) </pre>	CAM POWER	NORMAL/BACKUP
	REFERENCE MODE	AUTO/MANUAL
	SDI-MONI	CLEAN/MONI
	HDMI- MONI	CLEAN/MONI
	GRAY LINE	ON/OFF
	PC CONTROL	ENABLE/DISABLE
	DT-BAR MIX	ON/OFF
	DT-BAR V	1 to 12
	DT-BAR H	L (LEFT)/C (CENTER)/R (RIGHT)
	VIDEO PAYLOAD ID	NEW SMPTE352M(2011) /OLD SMPTE352M(2010)

M05: ANALOG VIDEO

VBS/PIX/component signal connector output cropping level adjustment. The setting values are stored in the EEPROM on the DPR-337F board.

Menu screen	Item	Setting	Description
<pre> <ANALOG VIDEO> →M05 TOP TRIM ADJ VBS LEVEL :XX (80) PIX LEVEL :XX (80) S-VIDEO :XX (80) COMPONENT LEVEL RGB/YCD :XX (80) PR/R/R-Y BAL:XX PB/B/B-Y BAL:XX WRITE CLEAR </pre>	VBS LEVEL TRIM	00h to FFh	
	PIX LEVEL TRIM		
	S-VIDEO TRIM		
	COMPONENT LEVEL		
	RGB/YCD TRIM	00h to FFh	
	PR/R/R-Y BAL TRIM		
	PB/B/B-Y BAL TRIM		
	VBS LEVEL ADJ		
	VBS LEVEL ADJ		
	S-VIDEO ADJ		
	COMPONENT LEVEL		
	RGB/YCD ADJ	00h to FFh	
	PR/R/R-Y BAL ADJ		
	PB/B/B-Y BAL ADJ		
	WRITE		Writes the above cropping setting values to the EE-PROM.
	CLEAR		Clears the above adjustment values.

M06: HDMI-OUT

Menu screen	Item	Setting	Description
<HDMI-OUT> →M06 TOP MODE : AUTO INDEX [05] OUT : (1080/59.941) TEST TONE : OFF EDID 7 6 5 4 3 2 1 0 STAT (C6) : NTSC (C7) : PAL (C8) : PROG (C9) : INTR (CA) : INFO (CB) :	MODE	AUTO/MANUAL	Change the HDMI output format.
	INDEX	Refer to HDMI Video List	INDEX No. of HDMI output format.
	OUT	Refer to HDMI Video List	Change the HDMI output format. (It can be changed only in the manual mode.)
	TEST TONE	ON/OFF	ON/OFF of TEST TONE (1kHz/−20dBu).
	EDID		EDID information of connected device.

HDMI Video List

Output format (OUT)		Index No (INDEX)
525/59.94P	RGB	17
720/59.94P	RGB	21
1080/59.94I	RGB	05
525/59.94I	RGB	1D
625/50P	RGB	15
720/50P	RGB	22
1080/50I	RGB	08
625/50I	RGB	1B
525/59.94P	YCbCr	24
720/59.94P	YCbCr	13
1080/59.94I	YCbCr	04
525/59.94I	YCbCr	27
625/50P	YCbCr	23
720/50P	YCbCr	14
1080/50I	YCbCr	07
625/50I	YCbCr	25

M07: HDMI-INFO

Menu screen	Item	Description
<HDMI-INFO> →M07 TOP VENDOR:XX PROD:XX VER:XX MONITOR: P-V (E1) :XX P-A (E2) :XX I-V (E3) :XX I-A (E4) :XX EDID 7 6 5 4 3 2 1 0 AUD1 (CC) : AUD2 (CD) : LIPS (E0) : YCC (E5) : SAL (E6) :	VENDOR	Vendor information of connected device.
	PROD	Product information of connected device.
	VER	EDID version of connected device.
	MONITOR	Monitor name of connected device.
	P-V(E1)	Progressive Video Latency.
	P-A(E2)	Progressive Audio Latency.
	I-V(E3)	Interlaced Video Latency.
	I-A(E4)	Interlaced Audio Latency.
	EDID	EDID information of connected device.

Section 5

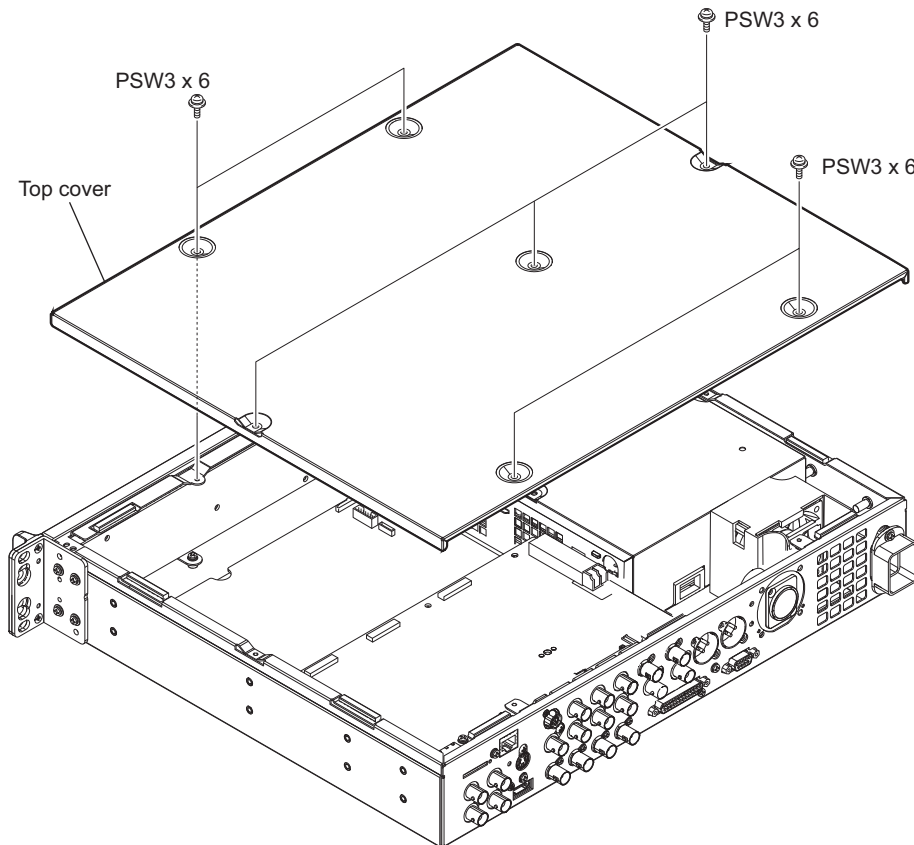
Replacement of Main Parts

This section describes replacement methods for periodic replacement parts, main mechanical parts, and mount boards.

5-1. Top Cover

Procedure

1. Remove the seven screws to detach the top cover.



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

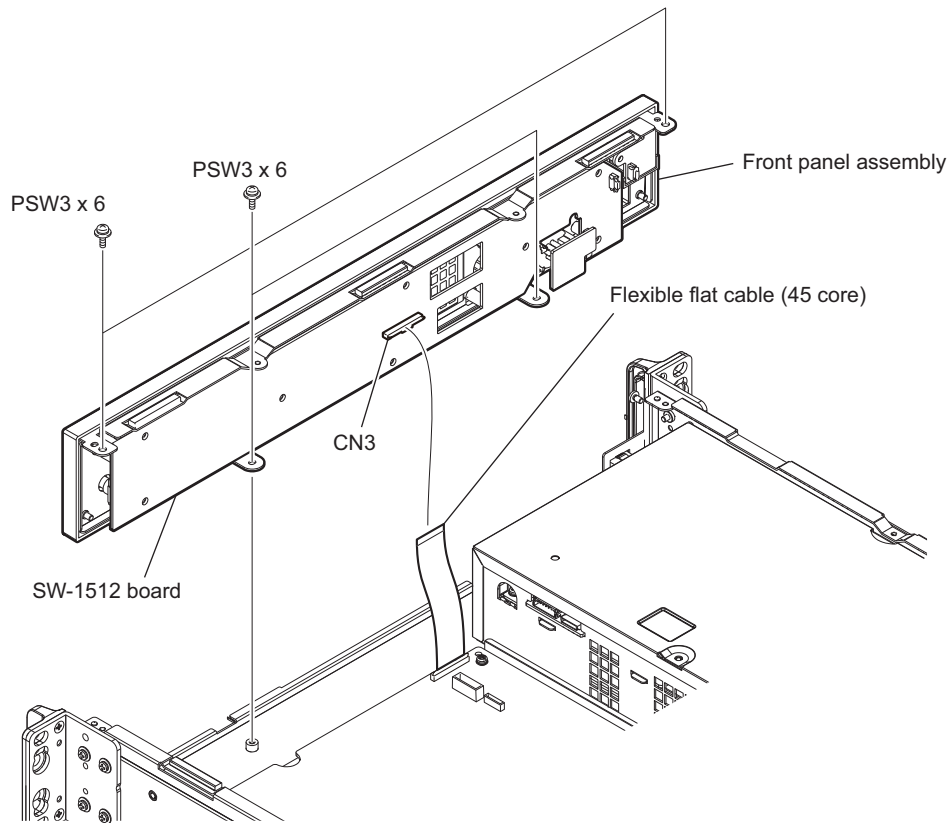
5-2. Front Panel Assembly

Preparation

1. Remove the top cover. (Refer to “5-1. Top Cover ”)

Procedure

1. Disconnect the flexible flat cable (45 core) from the connector (CN3) on the SW-1572 board.
2. Remove the four screws to detach the front panel assembly.



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

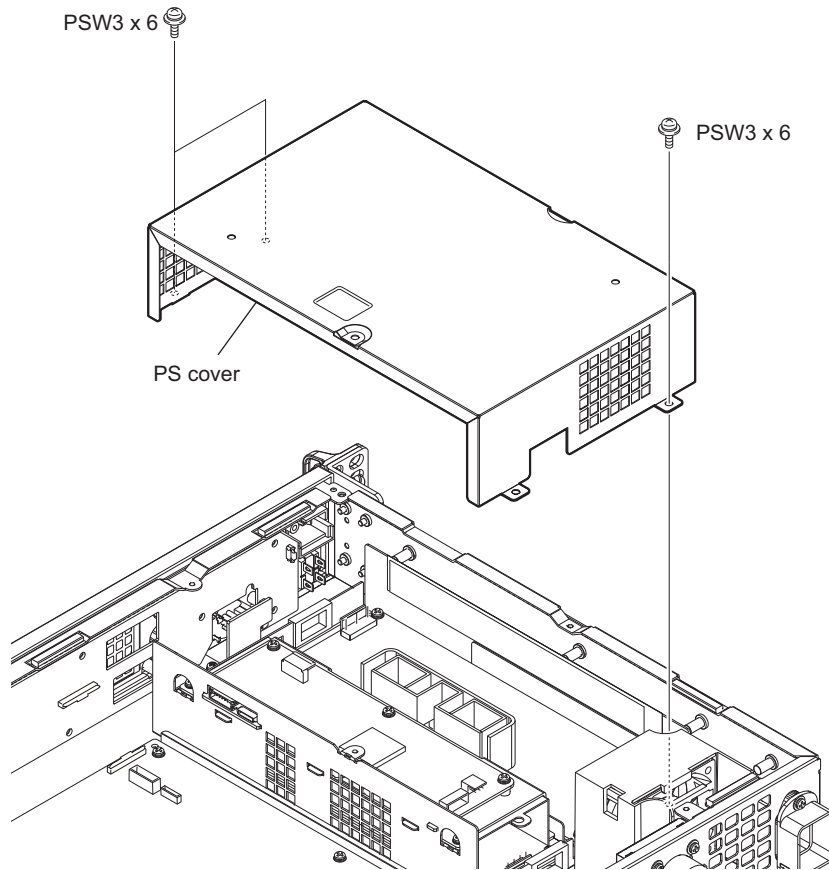
5-3. PS Cover

Preparation

1. Remove the top cover. (Refer to “5-1. Top Cover”)

Procedure

1. Remove the three screws to detach the PS cover.



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

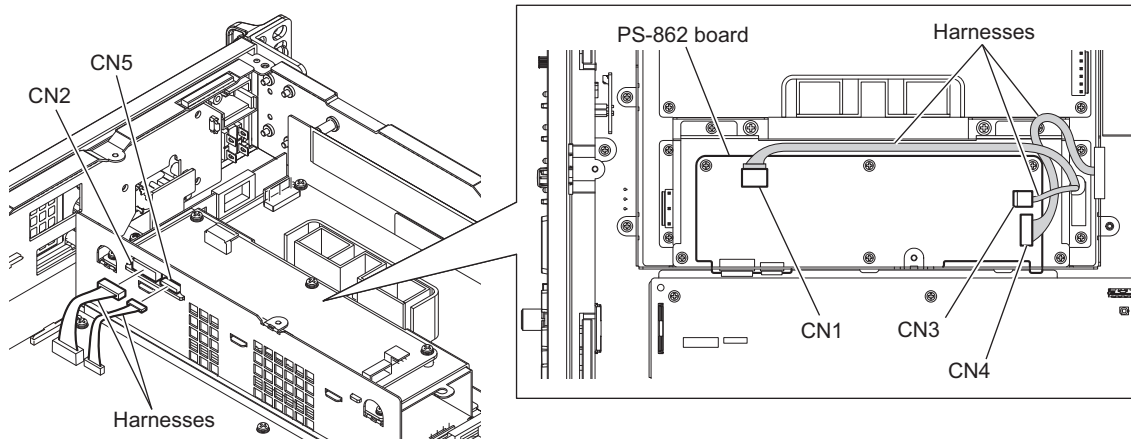
5-4. PS-862 Board

Preparation

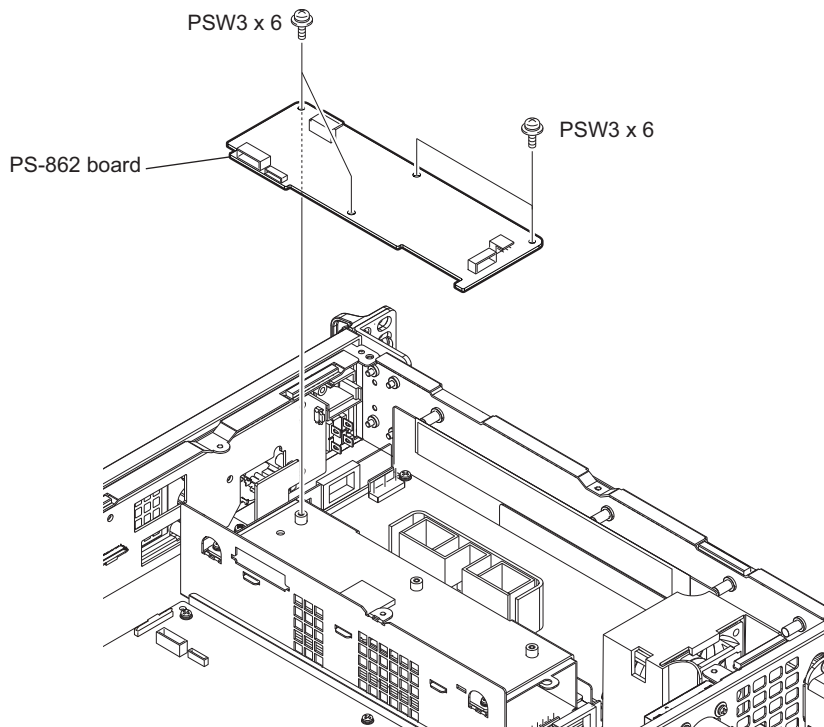
1. Remove the top cover. (Refer to “5-1. Top Cover”)
2. Remove the PS cover. (Refer to “5-3. PS Cover”)

Procedure

1. Disconnect the five harnesses from the five connectors (CN2, CN5, CN1, CN3 and CN4) on the PS-862 board.



2. Remove the four screws to detach the PS-862 board.



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

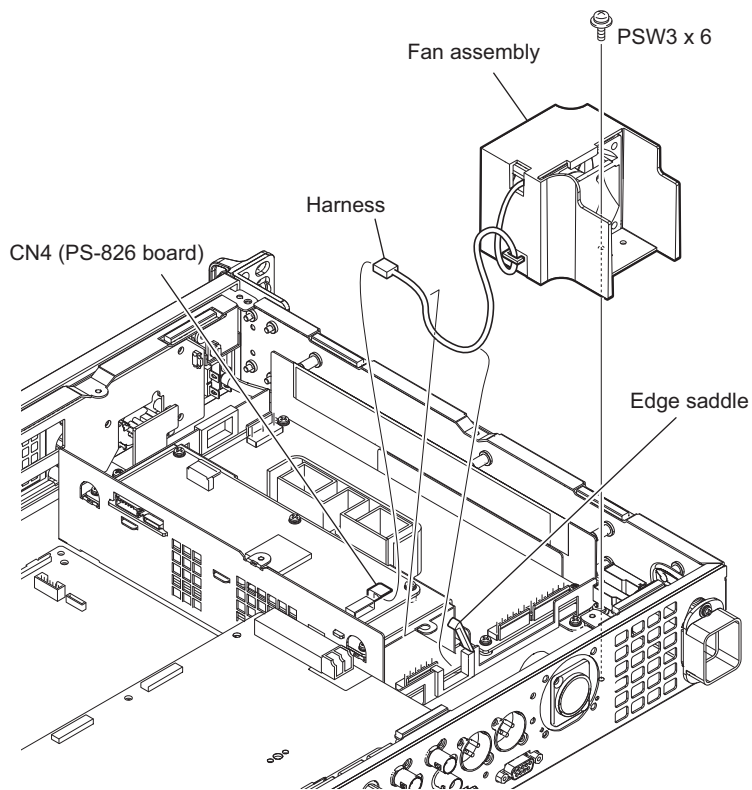
5-5. Fan

Preparation

1. Remove the top cover. (Refer to “5-1. Top Cover”)
2. Remove the PS cover. (Refer to “5-3. PS Cover”)

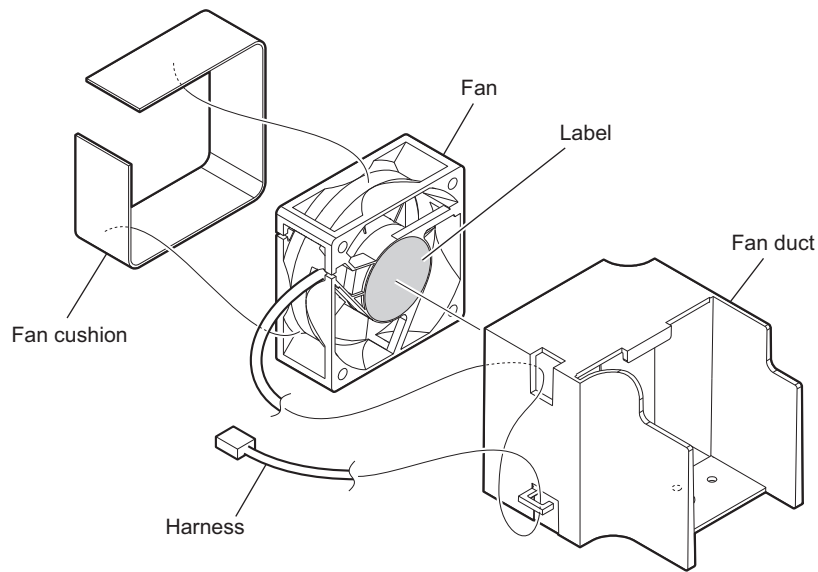
Procedure

1. Open the edge saddle.
2. Disconnect the harness from the connector (CN4) on the PS-826 board.
3. Remove the screw to detach the fan assembly.



4. Remove the fan duct.

5. Remove the fan cushion from the fan.



Notes

- Attach the fan positioning as shown in the figure.
 - Route the fan harness properly as shown in the figure.
6. Install the removed parts by reversing the steps of removal.

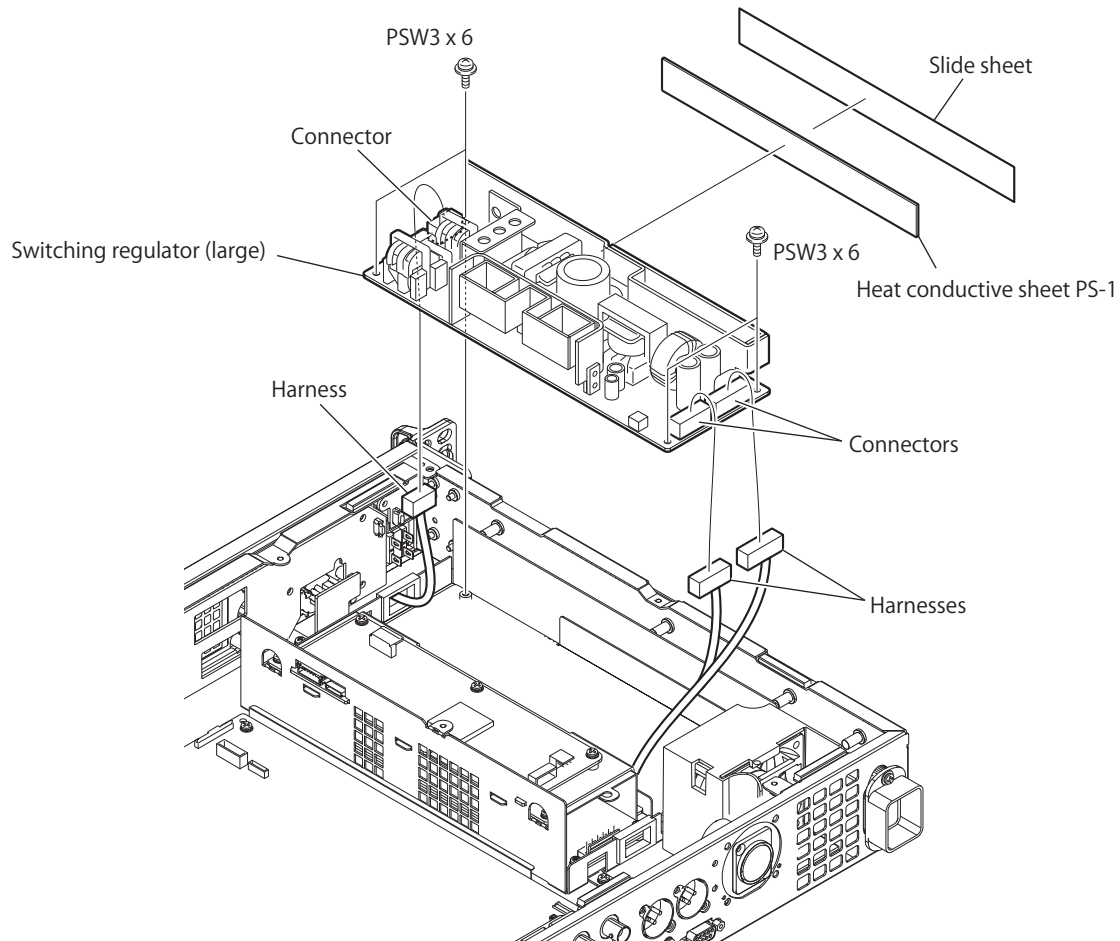
5-6. Switching Regulator (Large)

Preparation

1. Remove the top cover. (Refer to “5-1. Top Cover”)
2. Remove the PS cover. (Refer to “5-3. PS Cover”)

Procedure

1. Disconnect the three harnesses from the three connectors on the switching regulator (large).
2. Remove the four screws to detach the switching regulator (large).
3. Remove the slide sheet and the heat conductive sheet PS-1 from the switching regulator (large).



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

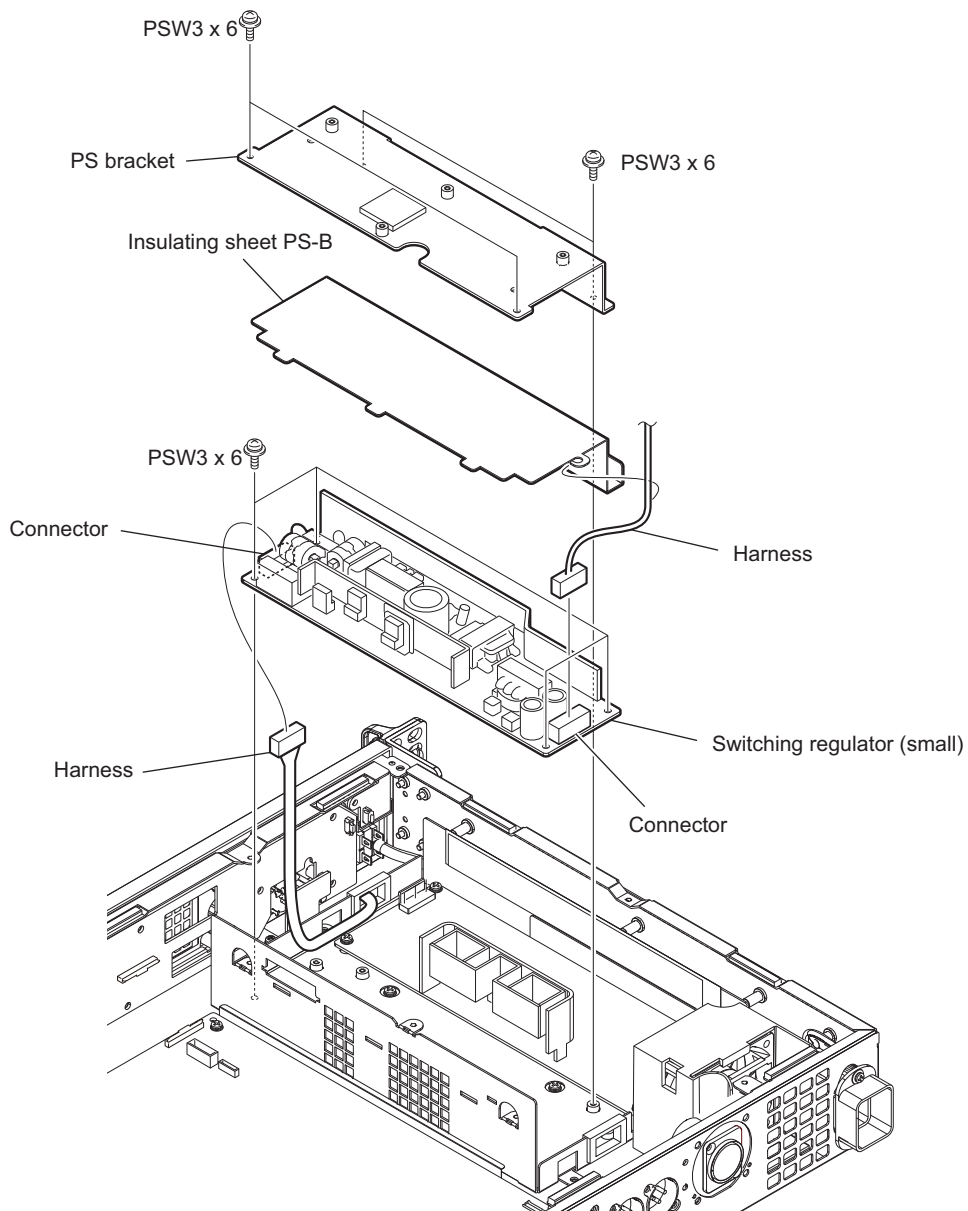
5-7. Switching Regulator (Small)

Preparation

1. Remove the top cover. (Refer to “5-1. Top Cover”)
2. Remove the PS cover. (Refer to “5-3. PS Cover”)
3. Remove the PS-862 board. (Refer to “5-4. PS-862 Board”)

Procedure

1. Remove the four screws to detach the PS bracket.
2. Remove the insulating sheet PS-B.
3. Disconnect the two harnesses from the two connectors on the switching regulator (small).
4. Remove the four screws to detach the switching regulator (small).



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

5-8. AT-191 Board/Lithium Battery

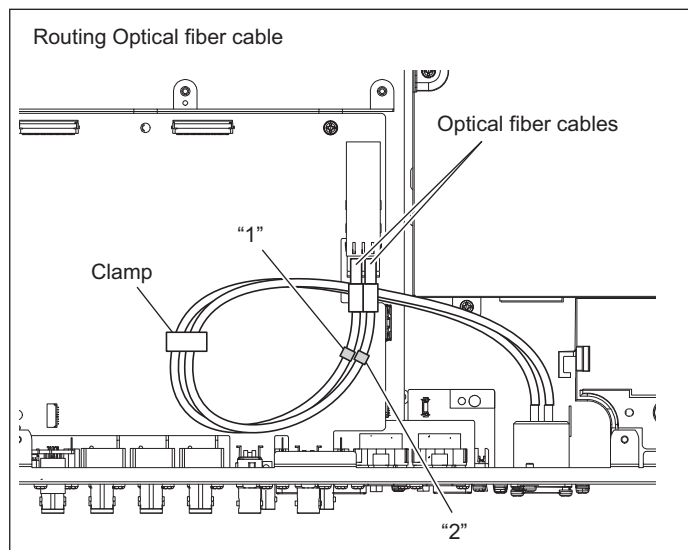
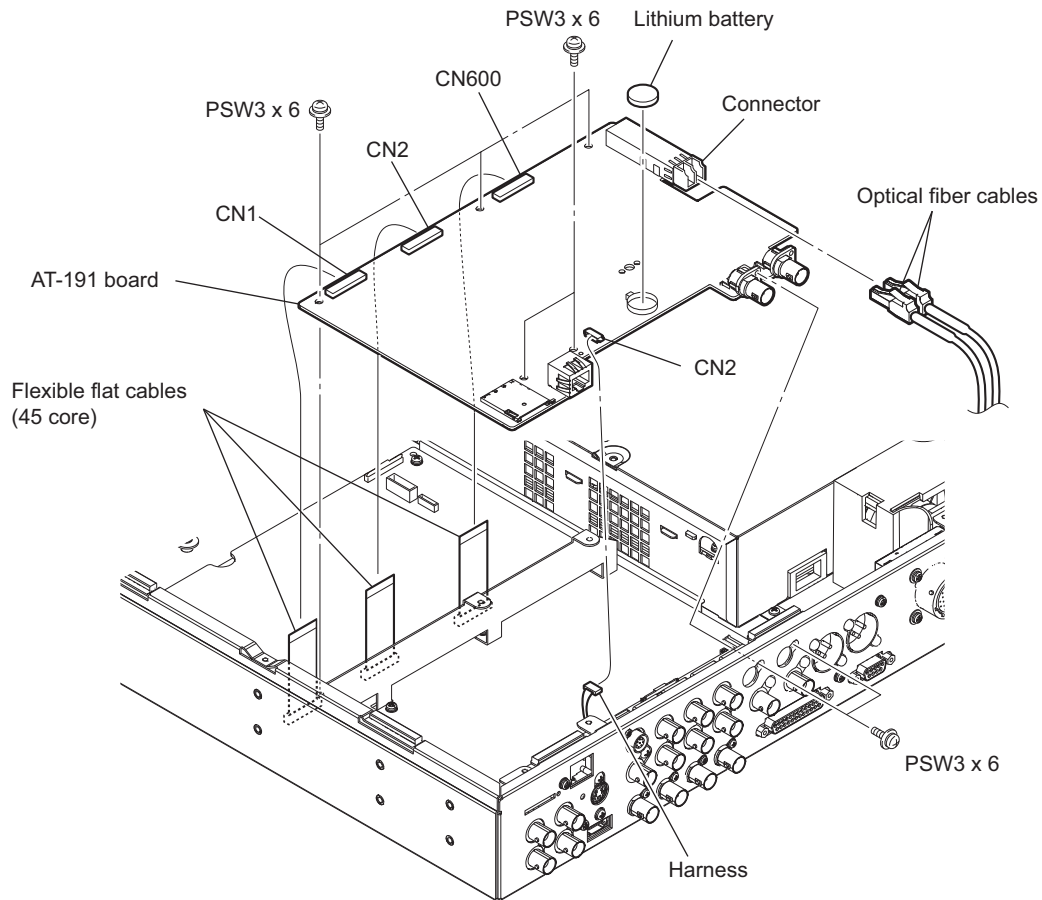
Preparation

1. Remove the top cover. (Refer to [“5-1. Top Cover”](#))

Procedure

1. Remove the lithium battery.
2. Disconnect the three flexible flat cable (45 core) from the connector (CN1, CN2 and CN600) on the AT-191 board.
3. Open the clamp.
4. Disconnect the harness from the connector (CN2) on the AT-191 board.

5. Remove the seven screws to detach the AT-191 board.



Note

- Do not bend any optical fiber cable to an extent of $R = 30$ or less.
- Before connecting an optical fiber cable, clean its end.
- When installing, arrange the optical fiber cable as shown in the figure.

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

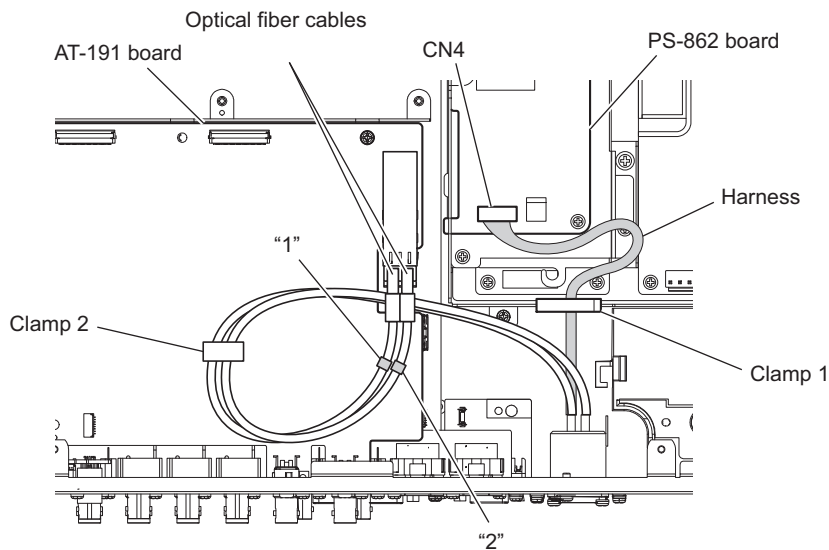
5-9. Optical Connector Assembly

Preparation

1. Remove the top cover. (Refer to “5-1. Top Cover”)
2. Remove the PS cover. (Refer to “5-3. PS Cover”)

Procedure

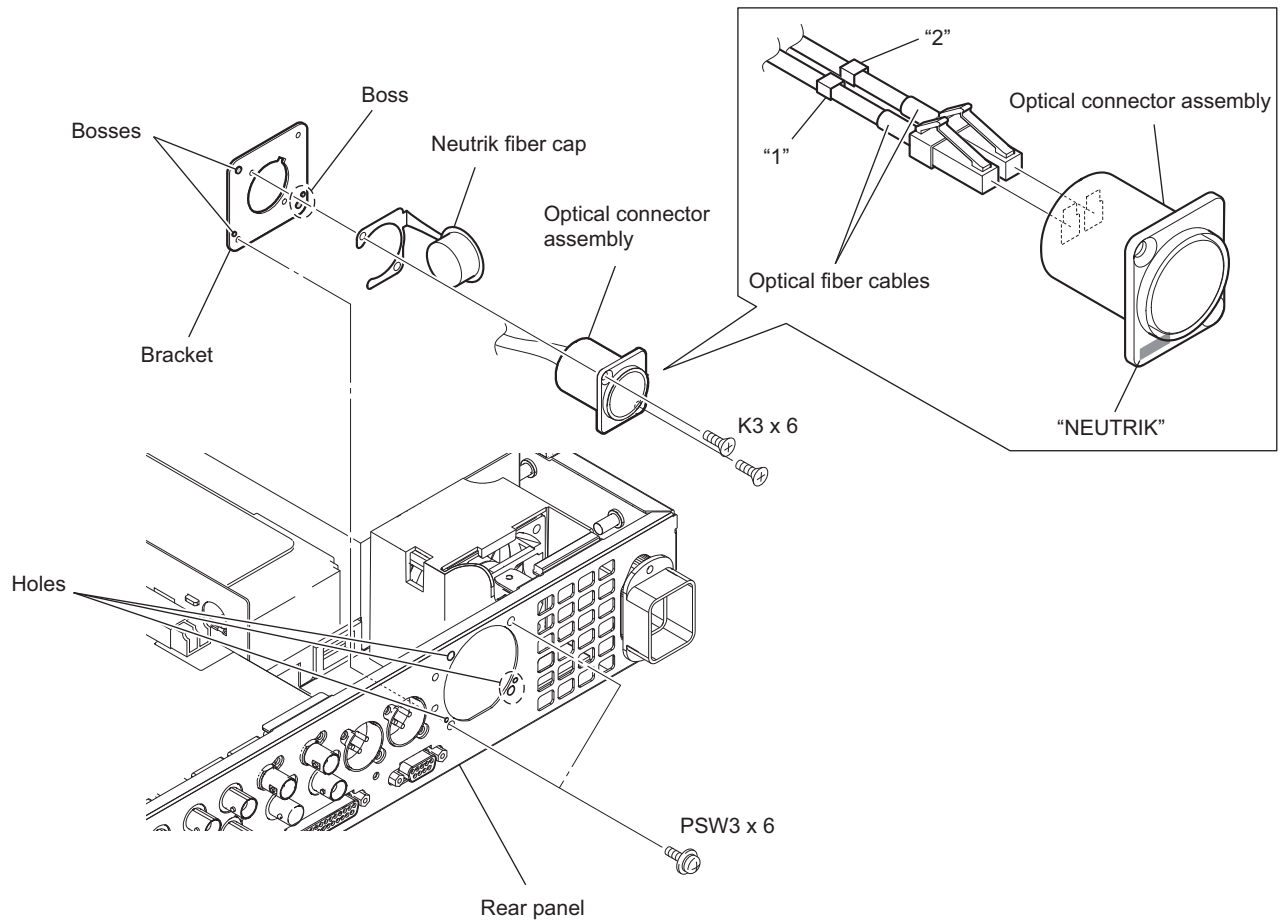
1. Open the clamp 1.
2. Disconnect the harness from the connector (CN4) on the PS-862 board.
3. Open the clamp 2.
4. Disconnect the two optical fiber cables from the AT-191 board.



Note

- Do not bend any optical fiber cable to an extent of $R = 30$ or less.
 - Before connecting an optical fiber cable, clean its end.
 - When installing, arrange the the optical fiber cable as shown in the figure.
5. Remove the two screws (PSW3 x 6) to detach the bracket from the rear panel.
 6. Remove the two screws (K3 x 6) to detach the Neutrik fiber cap and the optical connector assembly.

7. Disconnect the two optical fiber cables from the optical connector assembly.



Note

- When installing the bracket, fit the four bosses with the four holes.
- When connecting an optical cable, not to mistake the orientation of the optical connector assembly and the cable connecting position.

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

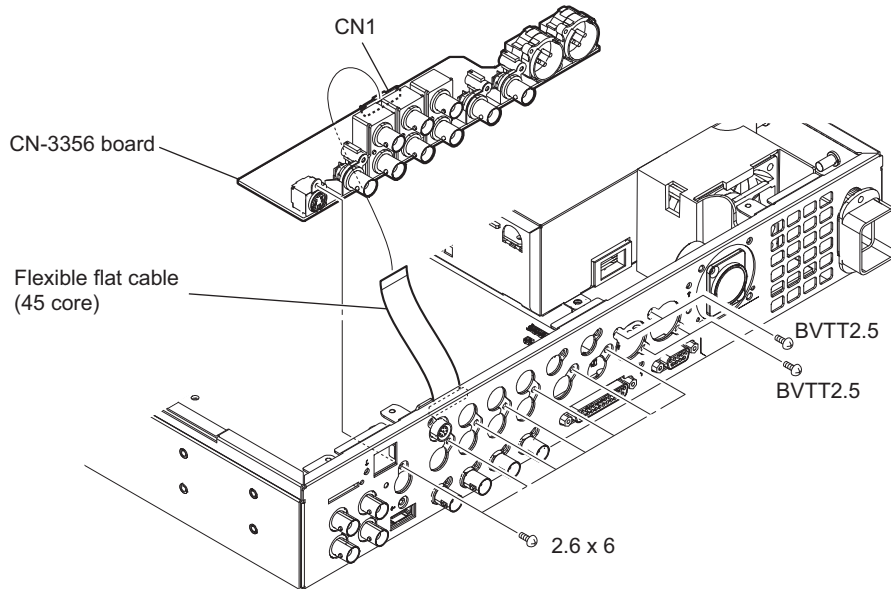
5-10. CN-3556 Board

Preparation

1. Remove the top cover. (Refer to “5-1. Top Cover”)
2. Remove the AT-191 board. (Refer to “5-8. AT-191 Board/Lithium Battery”)

Procedure

1. Disconnect the flexible flat cable (45 core) from the connector (CN1) on the CN-3556 board.
2. Remove the seven screws (2.6 x 6) and the four screws (BVTT2.5) to detach the CN-3556 board.



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

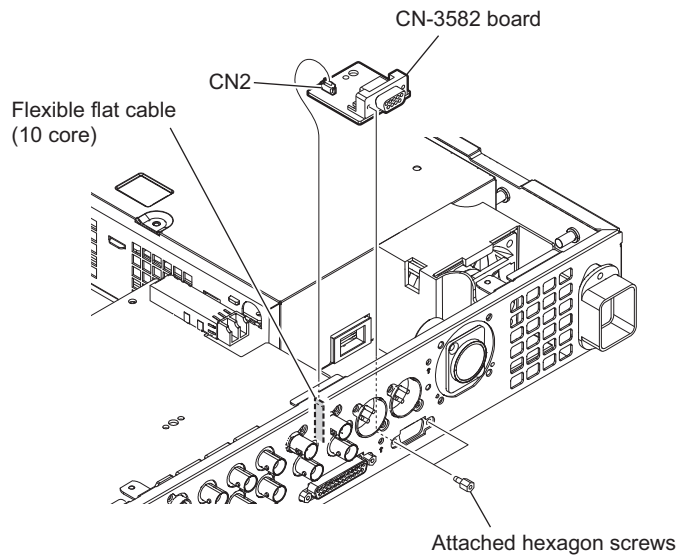
5-11. CN-3582 Board

Preparation

1. Remove the top cover. (Refer to “5-1. Top Cover”)

Procedure

1. Disconnect the flexible flat cable (10 core) from the connector (CN2) on the CN-3582 board.
2. Remove the two attached hexagon screws to detach the CN-3582 board.



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

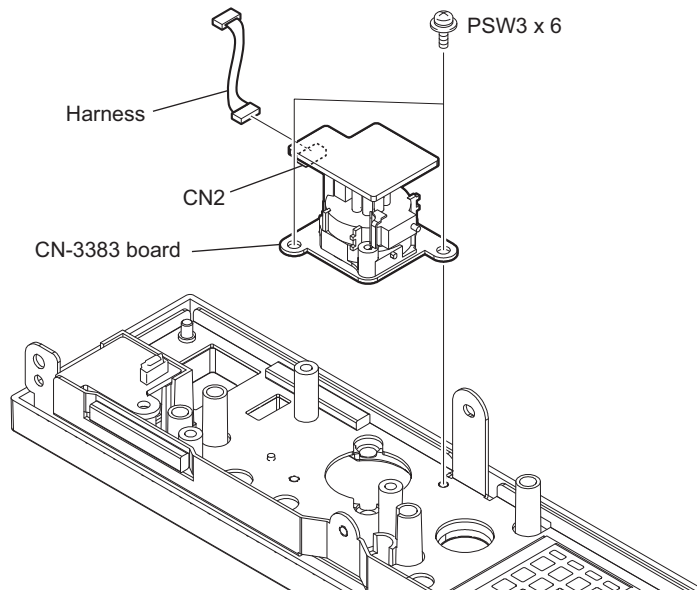
5-12. CN-3584 Board

Preparation

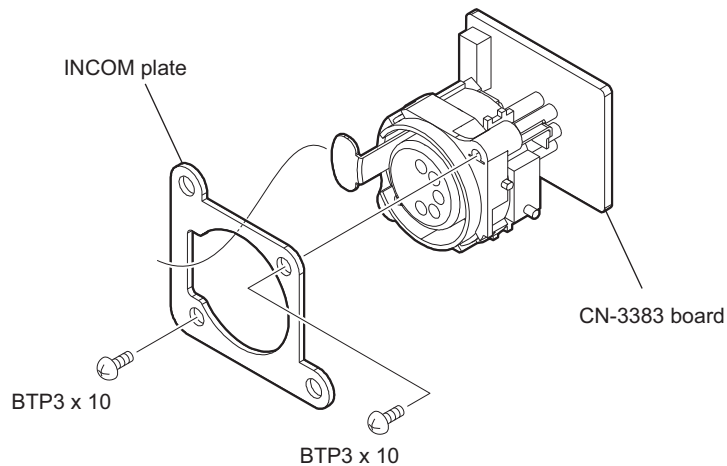
1. Remove the top cover. (Refer to “5-1. Top Cover”)
2. Remove the front panel assembly. (Refer to “5-2. Front Panel Assembly”)
3. Remove the SW-1572 board. (Refer to “5-17. SW-1572 Board”)

Procedure

1. Remove the two screws to detach the CN-3584 board.
2. Disconnect the harness from connector (CN2) on the CN-3584 board.



3. Remove the two screws to detach the INCOM plate from the CN-3584 board.



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

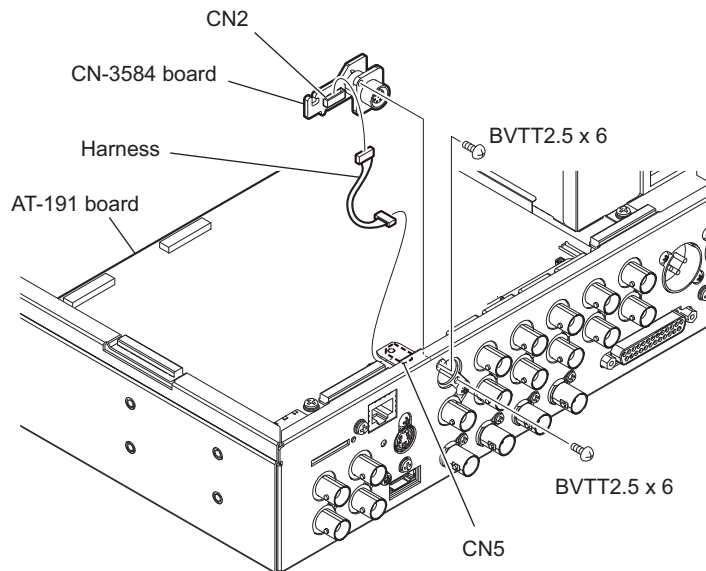
5-13. CN-3583 Board

Preparation

1. Remove the top cover. (Refer to “5-1. Top Cover”)

Procedure

1. Disconnect the harness from the connector (CN5) on the AT-191 board.
2. Remove the two screws to detach the CN-3583 board.
3. Disconnect the harness from the connector (CN2) on the CN-3583 board.



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

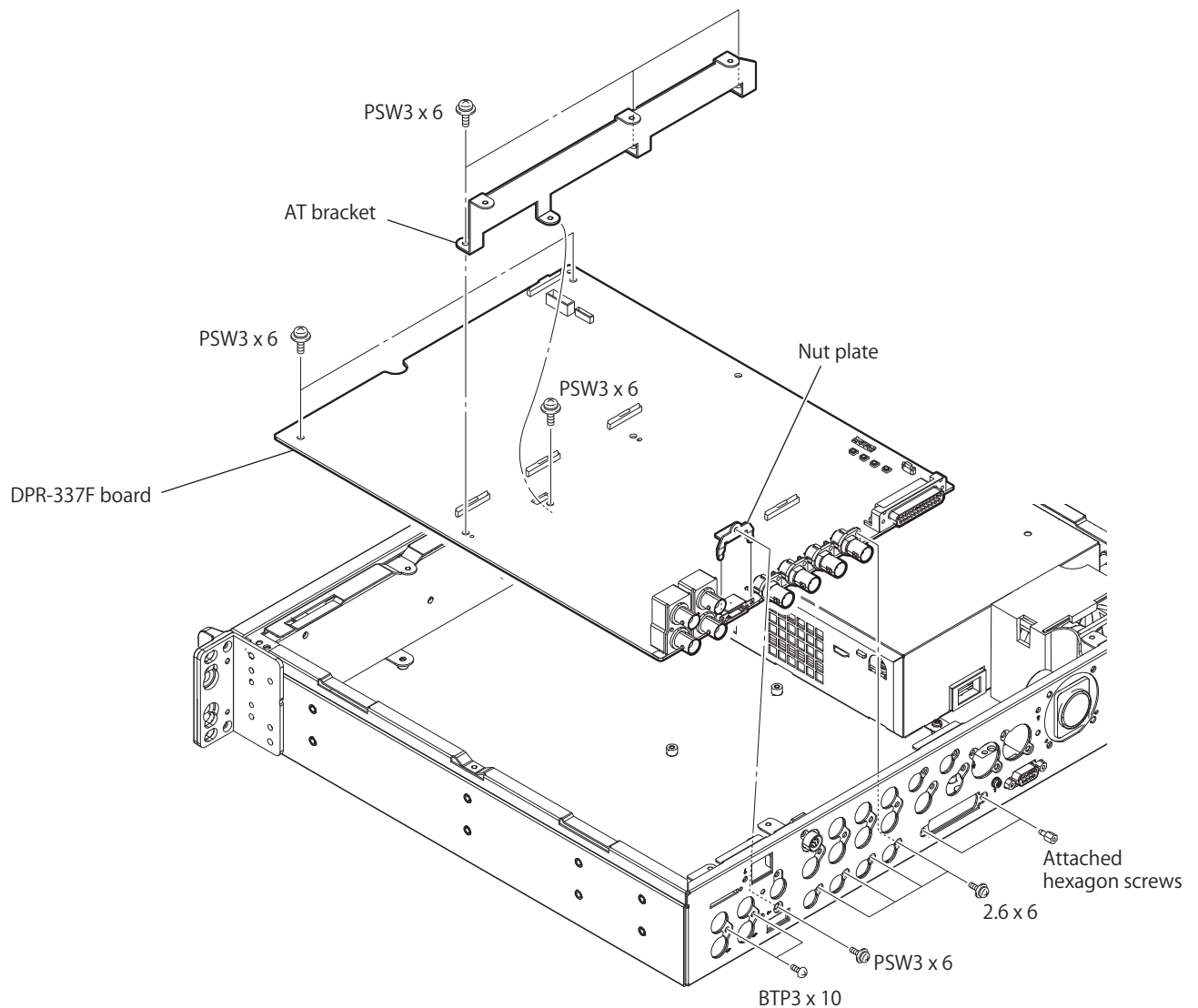
5-14. DPR-337F Board

Preparation

1. Remove the top cover. (Refer to “5-1. Top Cover”)
2. Remove the AT-191 board. (Refer to “5-8. AT-191 Board/Lithium Battery”)
3. Remove the CN-3556 board. (Refer to “5-10. CN-3556 Board”)
4. Remove the CN-3583 board. (Refer to “5-13. CN-3583 Board”)

Procedure

1. Remove the four screws (PSW3 x 6) to detach the AT bracket.
2. Remove the two attached hexagon screws, four screws (2.6 x 6), three screws (PSW3 x 6) and the two screws (BTP3 x 10) to detach the nut plate and the DPR-337F board.



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

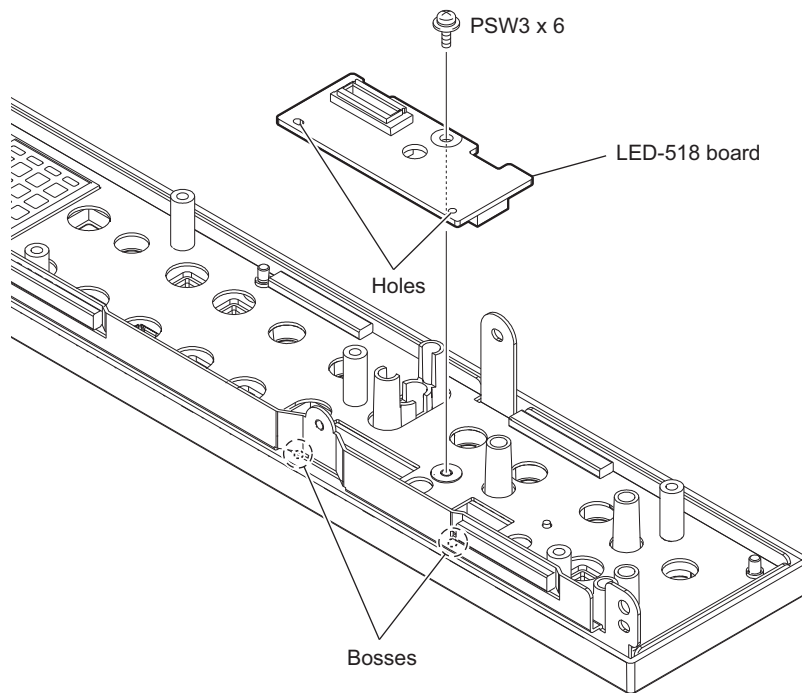
5-15. LED-518 Board

Preparation

1. Remove the top cover. (Refer to “5-1. Top Cover”)
2. Remove the front panel assembly. (Refer to “5-2. Front Panel Assembly”)
3. Remove the SW-1572 board. (Refer to “5-17. SW-1572 Board”)

Procedure

1. Remove the screw to detach the LED-518 board.



Note

When installing the LED-518 board, fit the two bosses with the two holes.

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

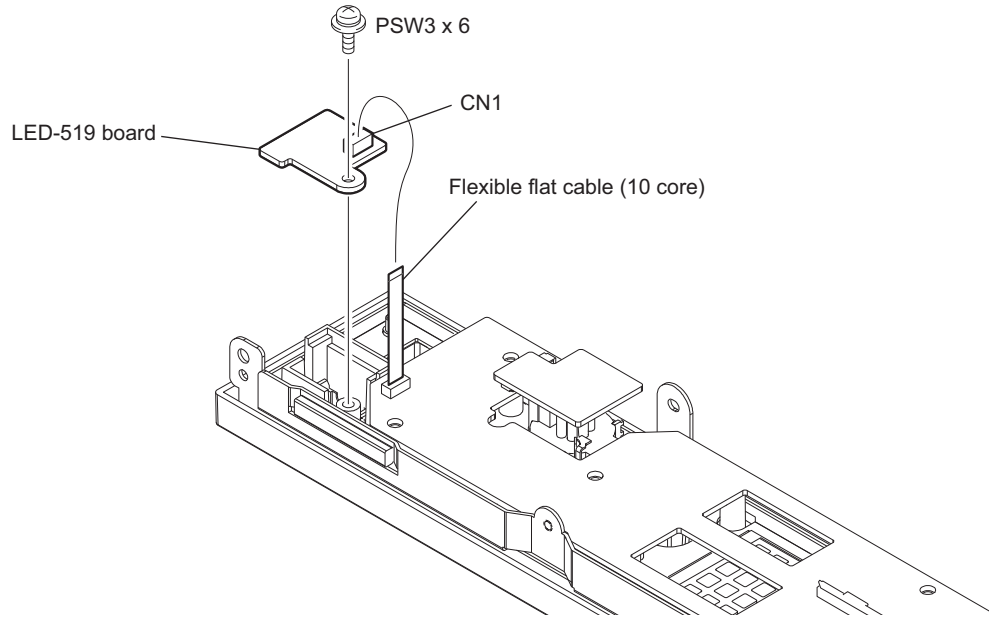
5-16. LED-519 Board

Preparation

1. Remove the top cover. (Refer to “5-1. Top Cover”)
2. Remove the front panel. (Refer to “5-2. Front Panel Assembly”)

Procedure

1. Disconnect the flexible flat cable (10 core) from the connector (CN1) on the LED-519 board.
2. Remove the screw to detach the LED-519 board.



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

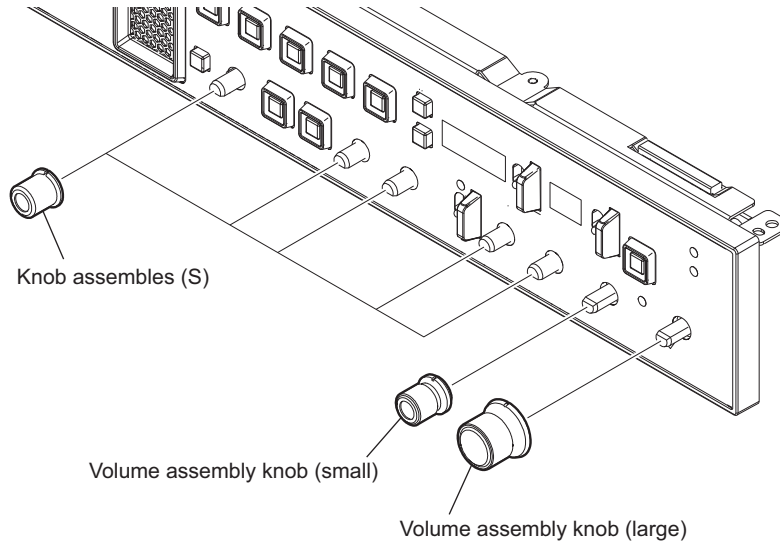
5-17. SW-1572 Board

Preparation

1. Remove the top cover. (Refer to “5-1. Top Cover”)
2. Remove the front panel assembly. (Refer to “5-2. Front Panel Assembly”)

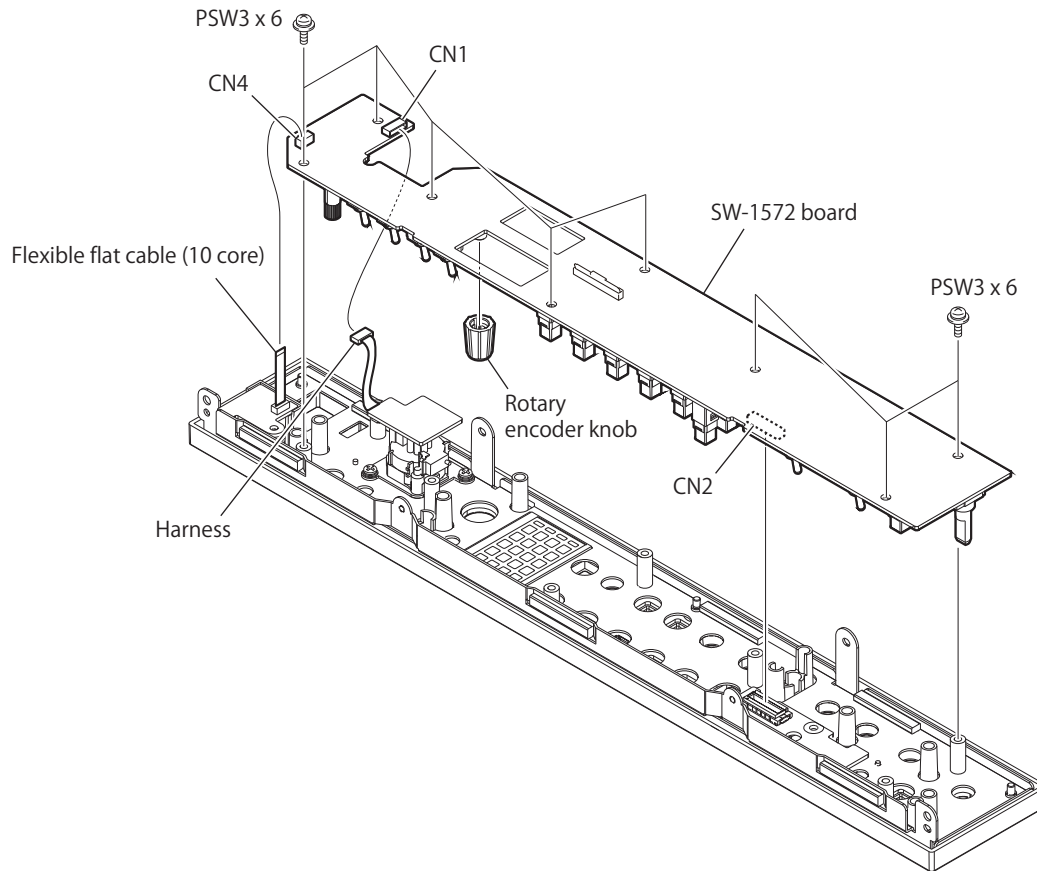
Procedure

1. Remove the five knob assemblies (S), volume assembly knob (small), and volume assembly knob (large).



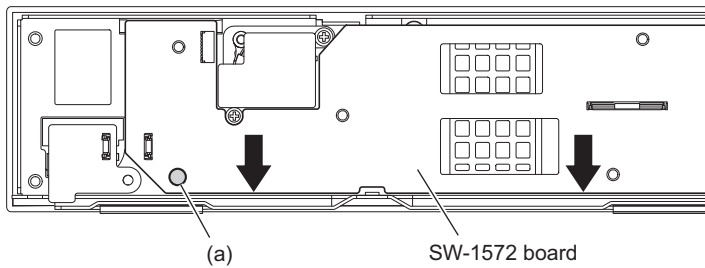
2. Disconnect the flexible flat cable (10 core) from the connector (CN4) on the SW-1572 board.
3. Disconnect the harness from the connector (CN1) on the SW-1572 board.
4. Remove the eight screws to detach the SW-1572 board.

5. Remove the rotary encoder knob from the SW-1572 board.

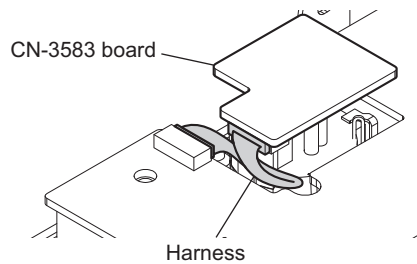


Note

- When installing the SW-1572 board, tighten the screw (a) first while pushing the SW-1572 board in the arrow direction.



- When installing the SW-1572 board, arrange the harness under the CN-3584 board.



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

Section 6

Electrical Alignment

6-1. Preparations

6-1-1. Equipment Required

- SD waveform/vector monitor
- Analog HD waveform monitor
- Oscilloscope: Tektronix TDS460A or equivalent
- Frequency counter: Advantest TR5821AK or equivalent
- Audio oscillator: Tektronix SG-5010 or equivalent
- Audio analyzer

Related equipment

- HD color camera HXC-D70
- HD camera adaptor CA-FB70
- Remote control panel RCP-1500 series

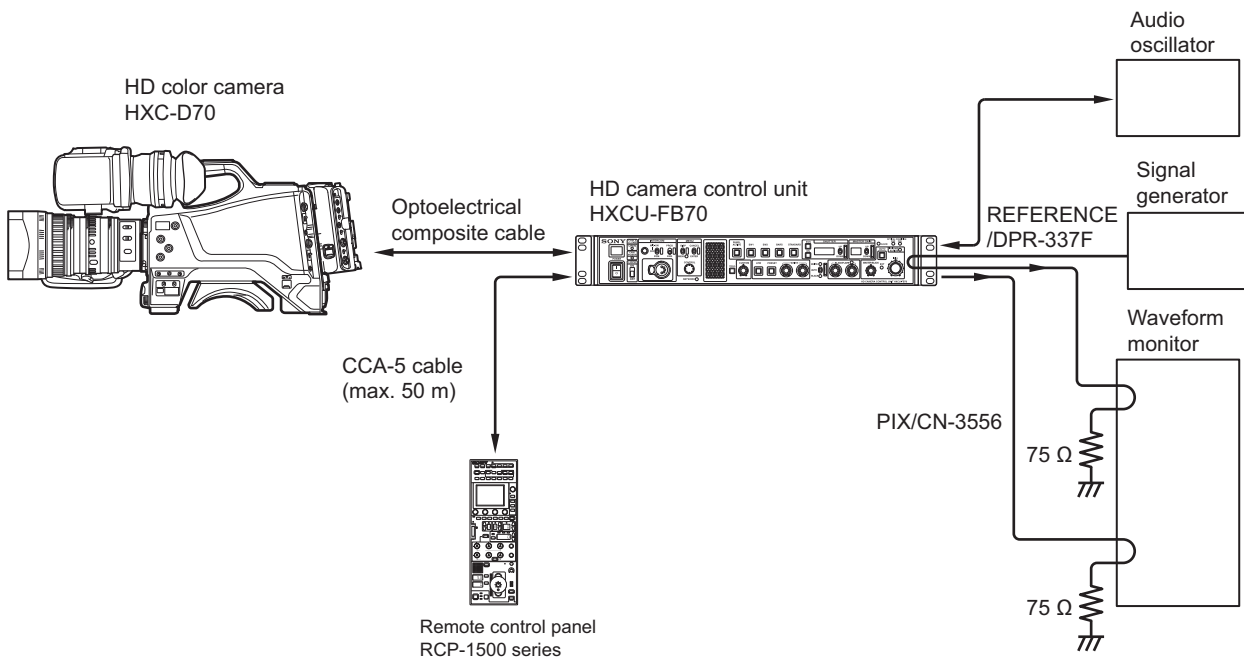
6-1-2. Precautions on Adjustments

- Warm up the unit for about 10 minutes before starting adjustments.
- All measuring equipment must have been calibrated.
- “6-1-4. Initial Settings” must have been completed.
- Adjustments for HXC-D70 must have been completed.

6-1-3. Connection of Equipment

Note

Transmittable Optoelectrical composite cable: CCFN-25/50/100



6-1-4. Initial Settings

Make the following settings before starting adjustments.

After each adjustment is completed, be sure to restore the previous settings.

- MAINTENANCE menu
M01: SERIAL NO SET → DEST → UC/J/CE
- CCU CONFIGURATION menu
C07: INCOM MIC → CARBON
- Front panel
INTERCOM switch → PROD

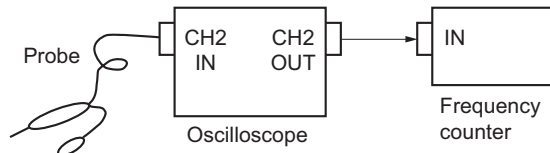
Except for these settings, do not change the switch settings made when the unit was shipped. (Refer to Section [1-5-2](#).)

6-2. Reference Signal System Adjustment

6-2-1. 27 MHz VCO Free-Running Adjustment

Preparation

- Disconnect the cable from the REFERENCE INPUT connector on the rear panel.
- Connect the measuring equipment as shown in the figure.
- Start this adjustment after 10 minutes have elapsed from power-on.



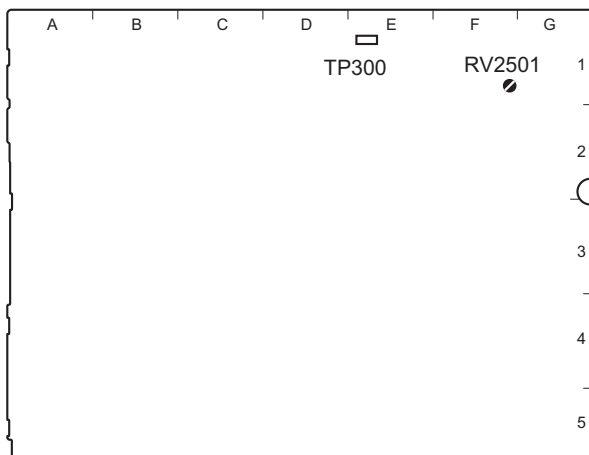
Adjustment

Equipment: Frequency counter/Oscilloscope

Test Point: TP300 (E-1) / DPR-337F board

Adjusting Point: RV2501 (F-1) / DPR-337F board

Specification: $27,000,000 \pm 50$ Hz



DPR-337F board (Side A)

Setting after Adjustment

After this adjustment is completed, reconnect the disconnected cable.

6-3. Video Signal System Adjustment

6-3-1. VBS Output Level Adjustment

Preparation

CCU CONFIGURATION menu setting

Page name	Item	Settings
C01: COLOR BAR	SD BAR	SMPTE (UC, J) EBU (CE)
C09: VIDEO ADJUST	VBS LEVEL	0
	VBS CHROMA	0

Adjustment

Equipment: SD waveform monitor

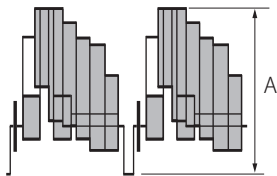
Test Point: VBS 1 output connector / rear panel

Adjusting Point: MAINTENANCE menu → M05: VBS LEVEL

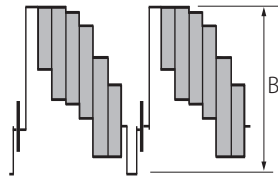
Specification:

- $A = 140 \pm 1$ IRE (75 Ω termination)
- $B = 1000 \pm 7$ mV (75 Ω termination)

NTSC (UC, J)



PAL (CE)



6-3-2. PIX Output Level Adjustment

Preparation

CCU CONFIGURATION menu setting

Page name	Item	Settings
C01: COLOR BAR	SD BAR	SMPTE (UC, J) EBU (CE)
C09: VIDEO ADJUST	PIX LEVEL	0
	PIX CHROMA	0

Adjustment

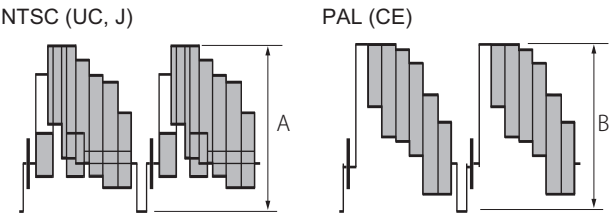
Equipment: SD waveform monitor

Test Point: PIX OUT connector / rear panel

Adjusting Point: MAINTENANCE menu → M05: PIX LEVEL

Specification :

- A = 140 ± 1 IRE (75 Ω termination)
- B = 1000 ± 7 mV (75 Ω termination)



6-3-3. S Video Output Level Adjustment

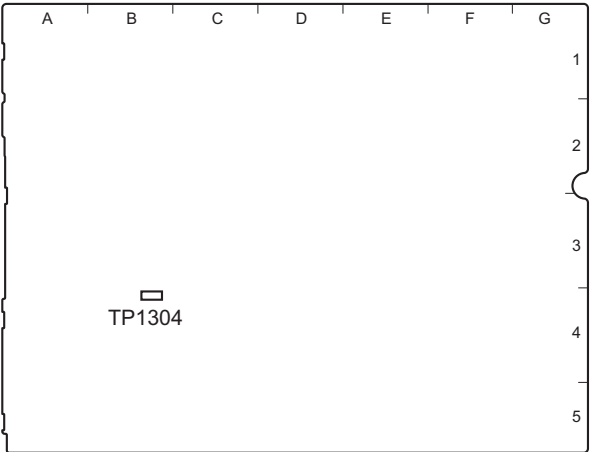
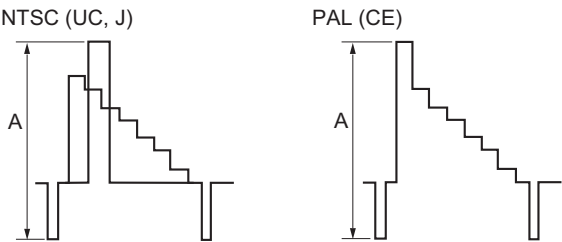
Preparation

CCU CONFIGURATION menu setting

Page name	Item	Settings
C01: COLOR BAR	SD BAR	SMPTE (UC, J) EBU (CE)
C09: VIDEO ADJUST	S-VIDEO LEVEL	0

Adjustment

Equipment: Oscilloscope
Test Point: TP1304 (B-4)／DPR-337F board
Adjusting Point: MAINTENANCE menu → M05: S-VIDEO
Specification: A = 2000 ±14 mV



DPR-337F board (Side A)

6-3-4. Y/R-Y/B-Y Output Level Adjustment (SD)

Preparation

SYSTEM OPERATION menu setting

Page name	Item	Settings
S04: OUTPUT FORMAT	COMPONENT	SD YCD

CCU CONFIGURATION menu setting

Page name	Item	Settings
C01: COLOR BAR	SD BAR	FULL (UC, J) EBU (CE)
C09: VIDEO ADJUST	COMPONENT LEVEL	0

Adjustment

1. Y signal level adjustment

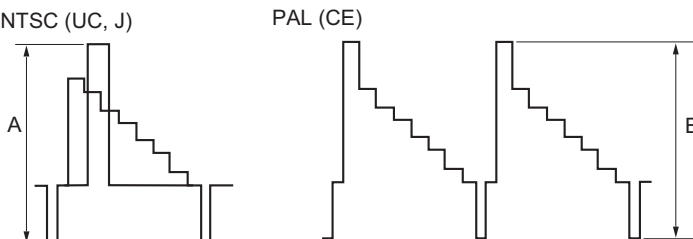
Equipment: SD waveform monitor

Test Point: Y connector / rear panel

Adjusting Point: MAINTENANCE menu → M05: COMPONENT LEVEL → RGB/YCD TRIM

Specification:

- $A = 140 \pm 1$ IRE (75 Ω termination)
- $B = 1000 \pm 7$ mV (75 Ω termination)



2. R-Y signal level adjustment

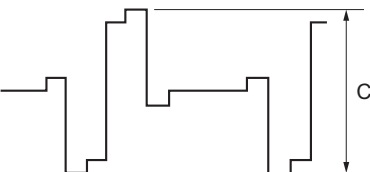
Equipment: SD waveform monitor

Test Point: R-Y connector / rear panel

Adjusting Point: MAINTENANCE menu → M05: COMPONENT LEVEL → PR/R/R-Y BAL TRIM

Specification:

- $C = 756 \pm 5$ mV (NTSC (J), SET UP: OFF) (75 Ω termination)
- $C = 700 \pm 5$ mV (NTSC (UC), SET UP: ON) (75 Ω termination)
- $C = 525 \pm 5$ mV (PAL (CE)) (75 Ω termination)



3. B-Y signal level adjustment

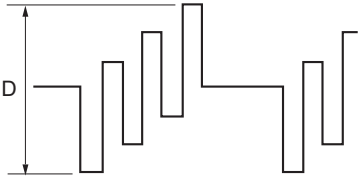
Equipment: SD waveform monitor

Test Point: B-Y connector / rear panel

Adjusting Point: MAINTENANCE menu → M05: COMPONENT LEVEL → PB/B/B-Y BAL TRIM

Specification:

- $D = 756 \pm 5 \text{ mV}$ (NTSC (J), SET UP: OFF) (75 Ω termination)
- $D = 700 \pm 5 \text{ mV}$ (NTSC (UC), SET UP: ON) (75 Ω termination)
- $D = 525 \pm 5 \text{ mV}$ (PAL (CE)) (75 Ω termination)



4. After these adjustments are completed, select “WRITE” to store the setting values.

6-3-5. Y/Pr/Pb Output Level Adjustment (HD)

Preparation

SYSTEM OPERATION menu setting

Page name	Item	Settings
S04: OUTPUT FORMAT	COMPONENT	HD YPbPr

CCU CONFIGURATION menu setting

Page name	Item	Settings
C01: COLOR BAR	HD BAR	BAR 16:9 (100%)
C09: VIDEO ADJUST	COMPONENT LEVEL	0

Adjustment

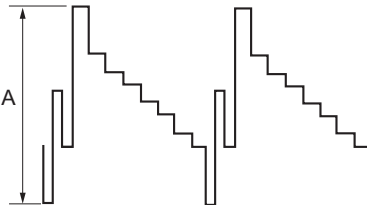
1. Y signal level adjustment

Equipment: Analog HD waveform monitor

Test Point: Y connector / rear panel

Adjusting Point: MAINTENANCE menu → M05: COMPONENT LEVEL → RGB/YCD TRIM

Specification: $A = 700 \pm 5 \text{ mV}$ (75 Ω termination)



2. R-Y signal level adjustment

Note

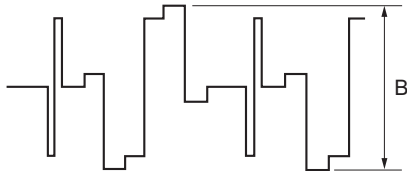
Perform R-Y signal level adjustment after Y signal level adjustment are completed.

Equipment: Analog HD waveform monitor

Test Point: Pr connector / rear panel

Adjusting Point: MAINTENANCE menu → M05: COMPONENT LEVEL → PR/R/R-Y BAL TRIM

Specification: $B = 700 \pm 5 \text{ mV}$ (75 Ω termination)



3. B-Y signal level adjustment

Note

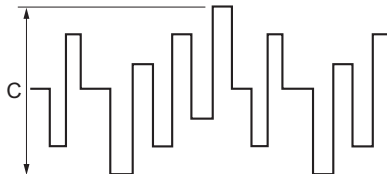
Perform B-Y signal level adjustment after Y signal level adjustment are completed.

Equipment: Analog HD waveform monitor

Test Point: Pb connector / rear panel

Adjusting Point: MAINTENANCE menu → M05: COMPONENT LEVEL → PB/B/B-Y BAL TRIM

Specification: $C = 700 \pm 5 \text{ mV}$ (75 Ω termination)



4. After these adjustments are completed, select “WRITE” to store the setting values.

6-3-6. RGB Output Level Adjustment

Preparation

SYSTEM OPERATION menu setting

Page name	Item	Settings
S04: OUTPUT FORMAT	COMPONENT	HD RGB

CCU CONFIGURATION menu setting

Page name	Item	Settings
C01: COLOR BAR	HD BAR	BAR 16:9 (100%)
C09: VIDEO ADJUST	COMPONENT LEVEL	0

Adjustment

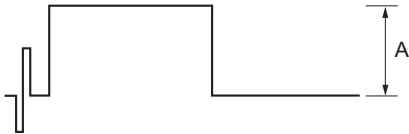
1. G signal level adjustment

Equipment: Analog HD waveform monitor

Test Point: G connector / rear panel

Adjusting Point: MAINTENANCE menu → M05: COMPONENT LEVEL → RGB/YCD TRIM

Specification: $A = 700 \pm 5 \text{ mV p-p}$ (75Ω termination)



2. R signal level adjustment

Note

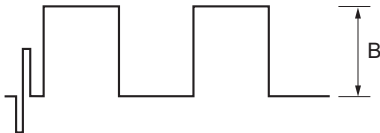
Perform R signal level adjustment after G signal level adjustment are completed.

Equipment: Analog HD waveform monitor

Test Point: R connector / rear panel

Adjusting Point: MAINTENANCE menu → M05: COMPONENT LEVEL → PR/R/R-Y BAL TRIM

Specification: $B = 700 \pm 5 \text{ mV p-p}$ (75Ω termination)



3. B signal level adjustment

Note

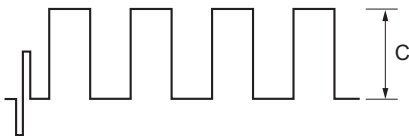
Perform B signal level adjustment after G signal level adjustment are completed.

Equipment: Analog HD waveform monitor

Test Point: B connector / rear panel

Adjusting Point: MAINTENANCE menu → M05: COMPONENT LEVEL → PB/B/B-Y BAL TRIM

Specification: $C = 700 \pm 5 \text{ mV p-p}$ (75Ω termination)



4. After these adjustments are completed, select "WRITE" to store the setting values.

Section 7

Spare Parts

7-1. 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

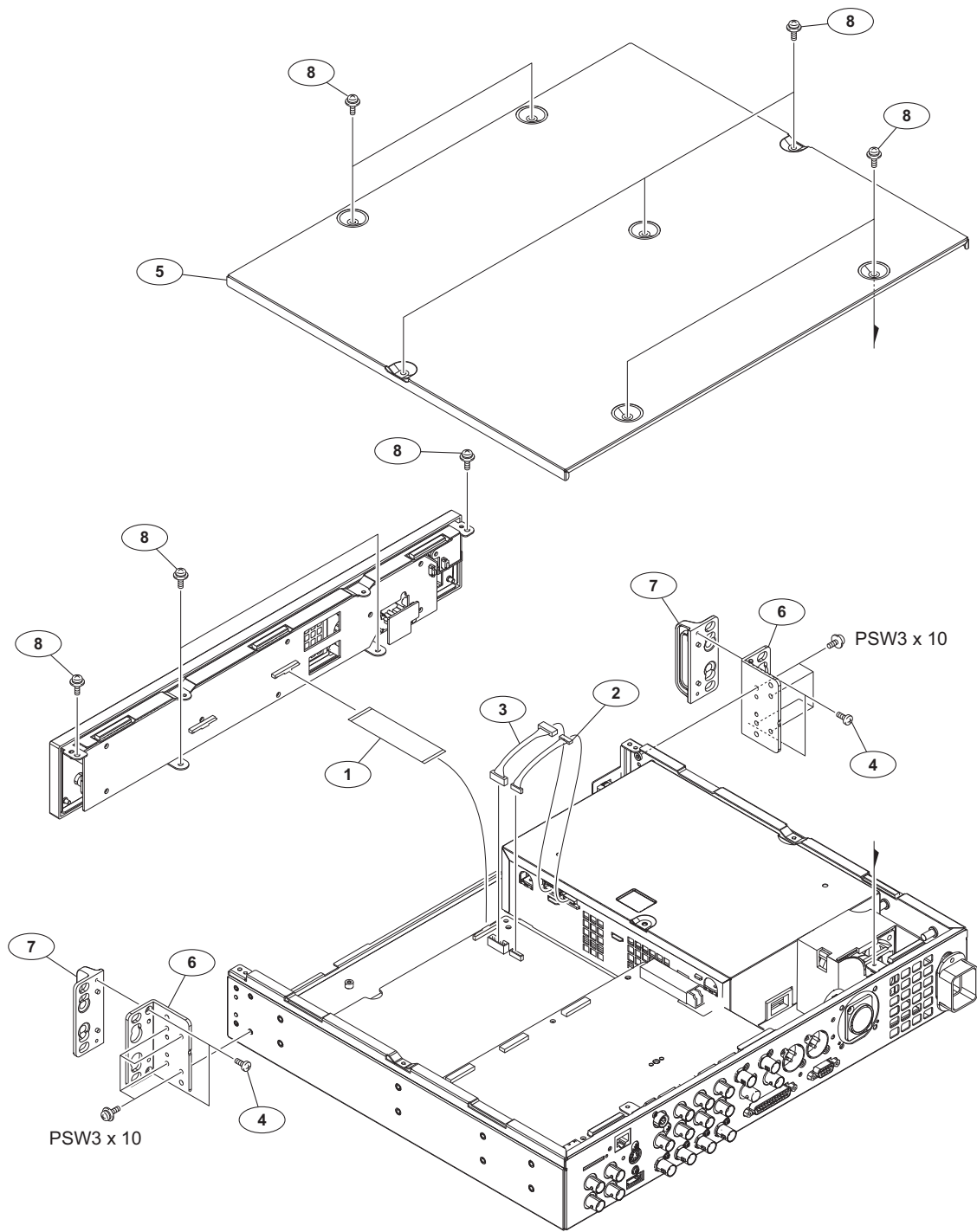
部品表の SP (Supply code) 欄に “o” で示される部品は在庫していないことがあります。納期が長くなる場合があります。

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。

7-2. Exploded Views

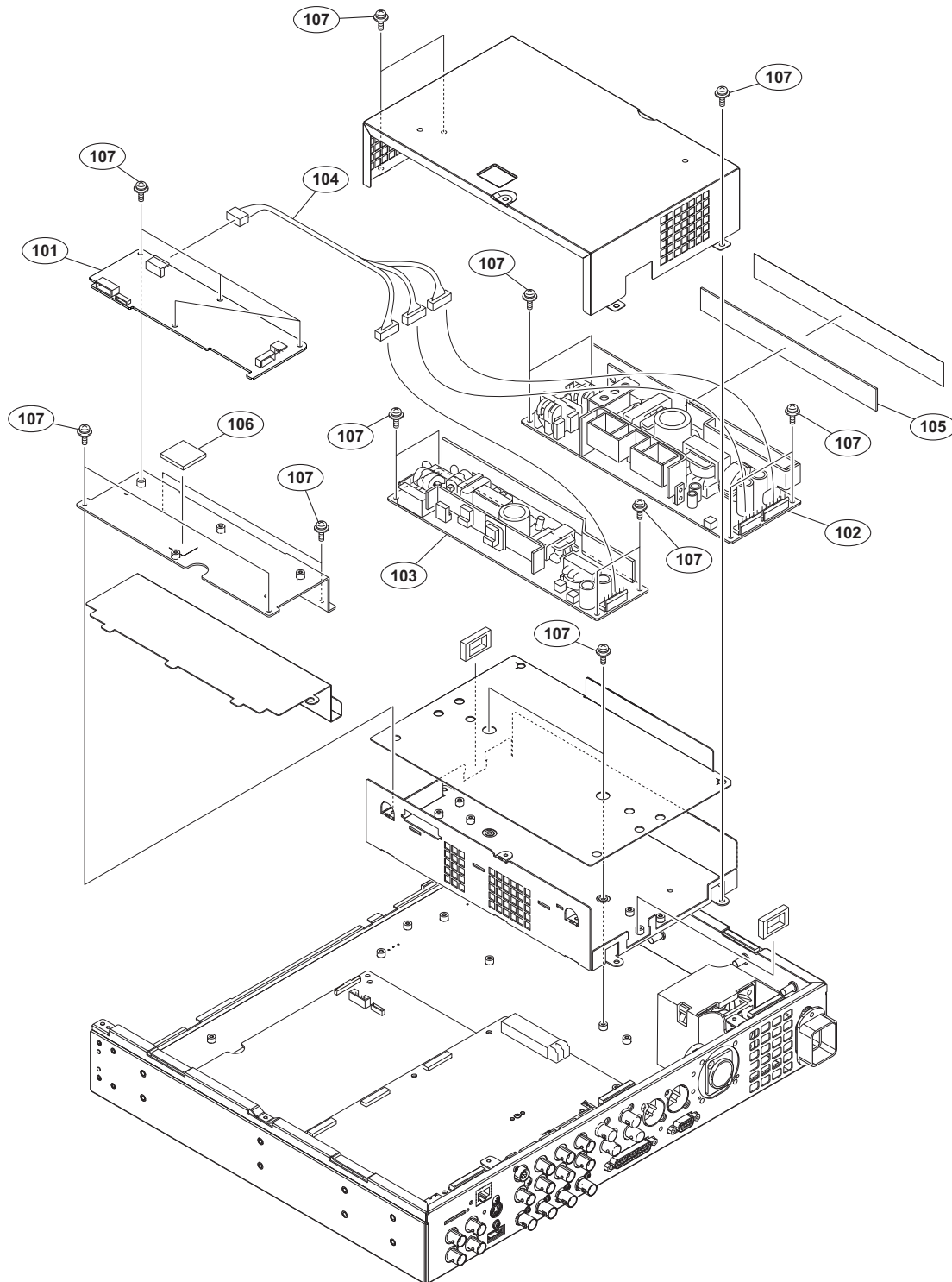
Overall



No.	Part No.	SP Description
1	1-831-081-11 s	CABLE, FLEXIBLE FLAT (45 CORE)
2	1-967-975-11 s	HARNESS, SUB (CCU DC OUT)
3	1-967-976-11 s	HARNESS, SUB (POWER CONT)
4	2-580-644-01 s	SCREW, +KTP2 3X8
5	⚠ 4-299-617-01 s	COVER
6	4-299-632-01 s	RACK BRACKET(U)
7	⚠ 4-299-661-01 s	RACK BRACKET COVER
8	4-382-854-51 s	SCREW (M3X6), P, SW (+)

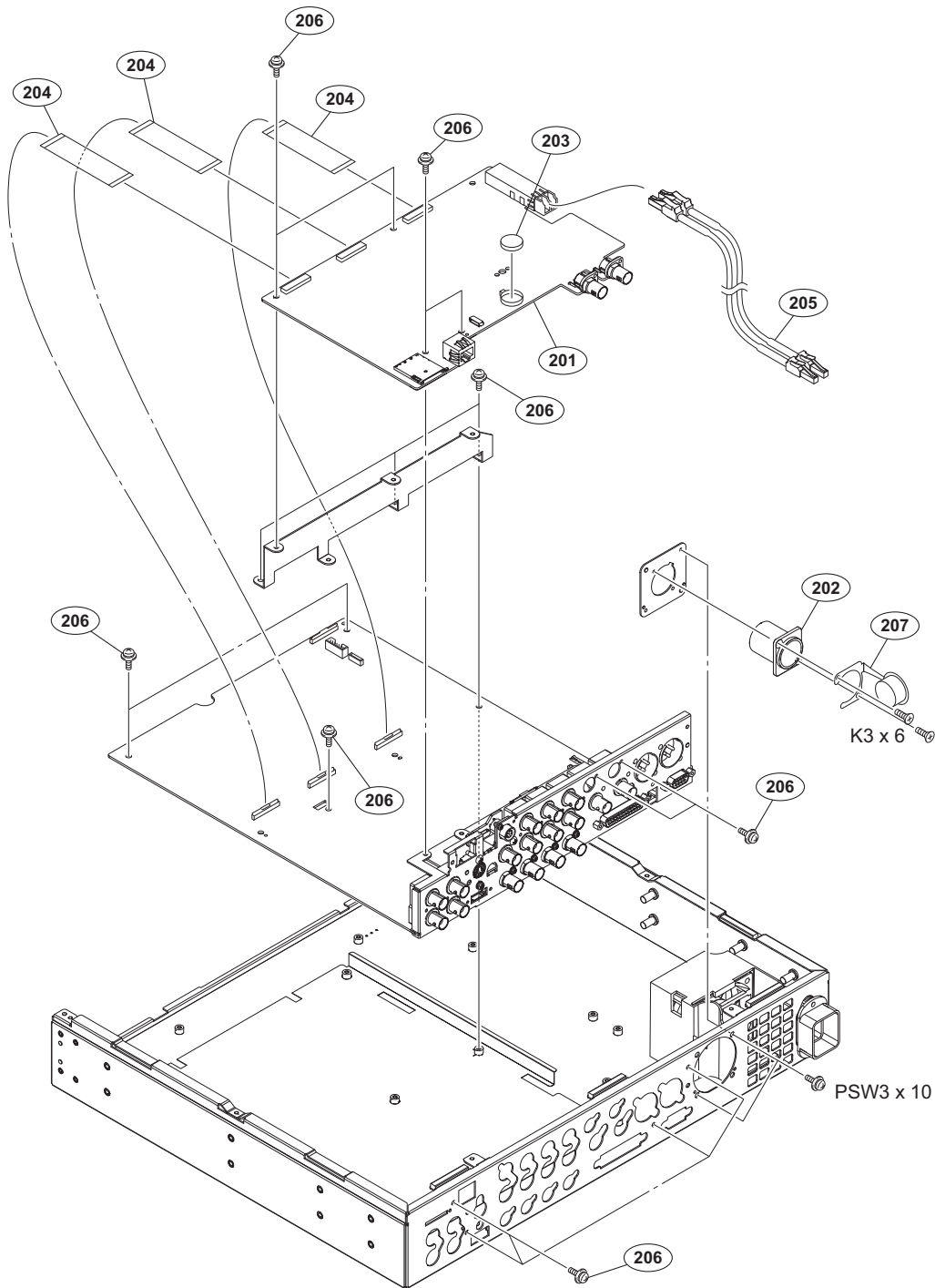
7-682-949-01 s SCREW +PSW 3X10

PS Block



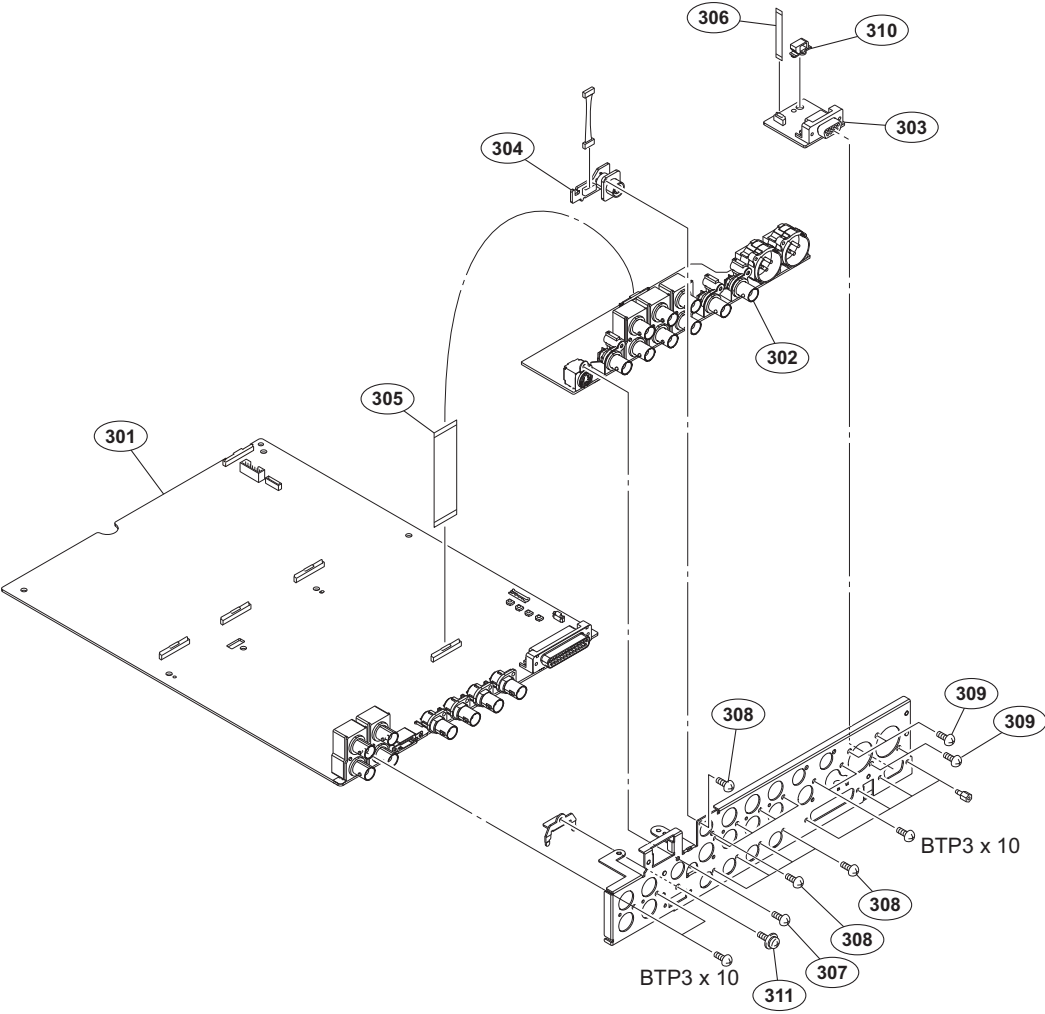
No.	Part No.	SP Description
101	A-1903-509-A s	MOUNTED CIRCUIT BOARD, PS-862
102	⚠ 1-474-293-11 s	REGULATOR, SWITCHING
103	⚠ 1-474-316-11 s	REGULATOR, SWITCHING
104	1-967-974-11 s	HARNESS, SUB (DC OUT)
105	⚠ 4-299-621-01 s	SHEET, HEAT CONDUCTIVE PS-1
106	⚠ 4-299-631-01 s	SHEET, HEAT CONDUCTIVE PS-2
107	4-382-854-51 s	SCREW (M3X6), P, SW (+)

Chassis-1



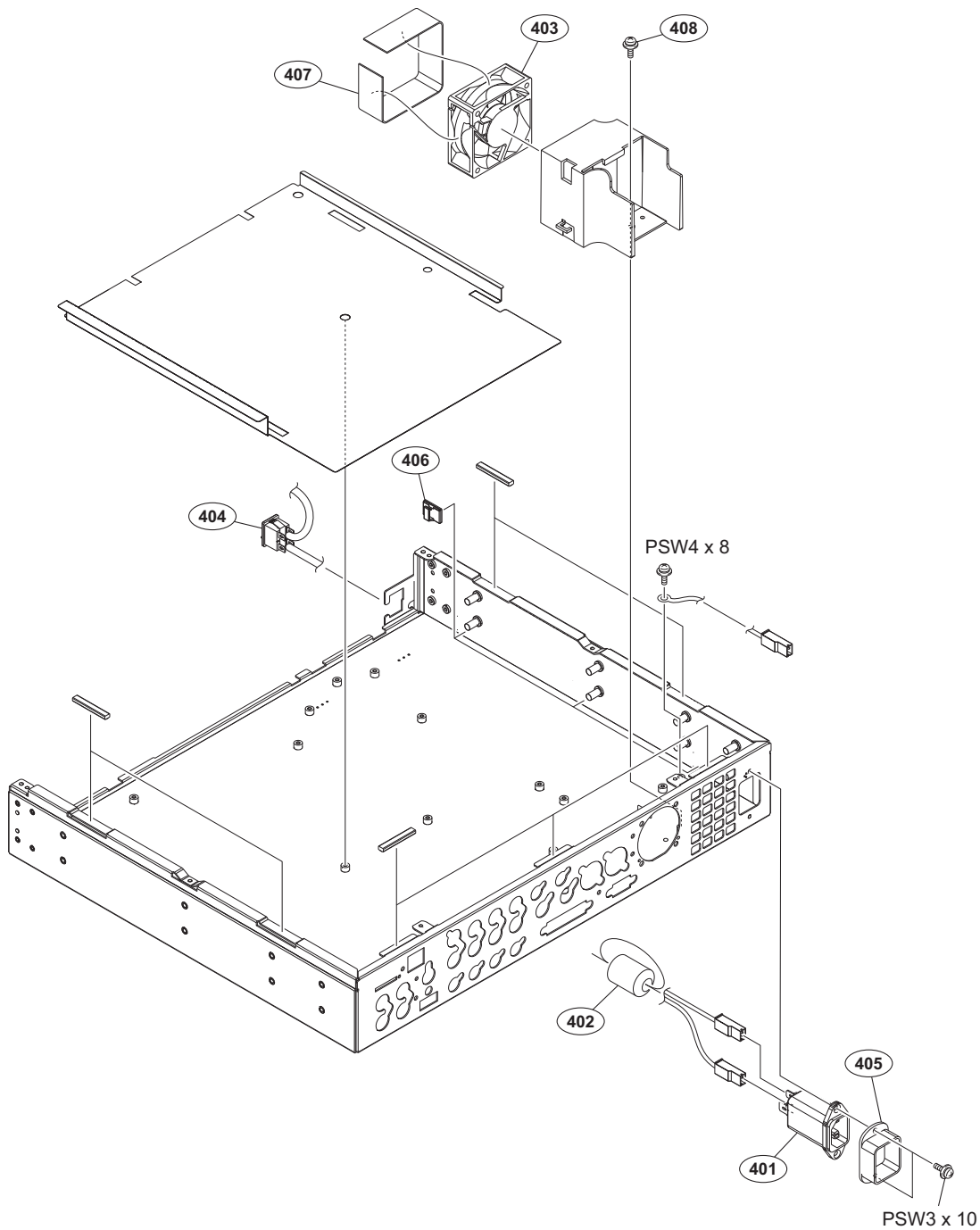
No.	Part No.	SP Description
201	A-1903-511-A s	MOUNTED CIRCUIT BOARD, AT-191
202	A-1906-334-A s	OPTICAL CONNECTOR (CCU) ASSY
203	⚠ 1-528-174-72 s	BATTERY, LITHIUM (CR2032 TYPE)
204	1-831-081-11 s	CABLE, FLEXIBLE FLAT (45 CORE)
205	1-846-443-11 s	CABLE, LC-LC
206	4-382-854-51 s	SCREW (M3X6), P, SW (+)
207	4-444-729-01 s	CAP, NEUTRIC FIBER
	7-682-949-01 s	SCREW +PSW 3X10
	7-682-247-04 s	SCREW +K 3X6

DPR Block



No.	Part No.	SP Description
301	A-1901-731-A s	MOUNTED CIRCUIT BOARD, DPR-337F
302	A-1903-383-A s	MOUNTED CIRCUIT BOARD, CN-3356
303	A-1903-384-A s	MOUNTED CIRCUIT BOARD, CN-3582
304	A-1903-386-A s	MOUNTED CIRCUIT BOARD, CN-3384
305	1-831-081-11 s	CABLE, FLEXIBLE FLAT (45 CORE)
306	1-836-689-11 s	CABLE, FLEXIBLE FLAT (10 CORE)
307	2-580-628-01 s	SCREW, +BVTP S3X6 TYPE2
308	3-637-901-02 s	SCREW M2.6X5
309	3-776-750-02 s	SCREW +BVTT 2.5 (S)
310	3-853-802-01 s	CLAMP, REUSE
311	4-382-854-51 s	SCREW (M3X6), P, SW (+)
	7-685-547-14 s	SCREW +BTP 3X10 TYPE2 N-S

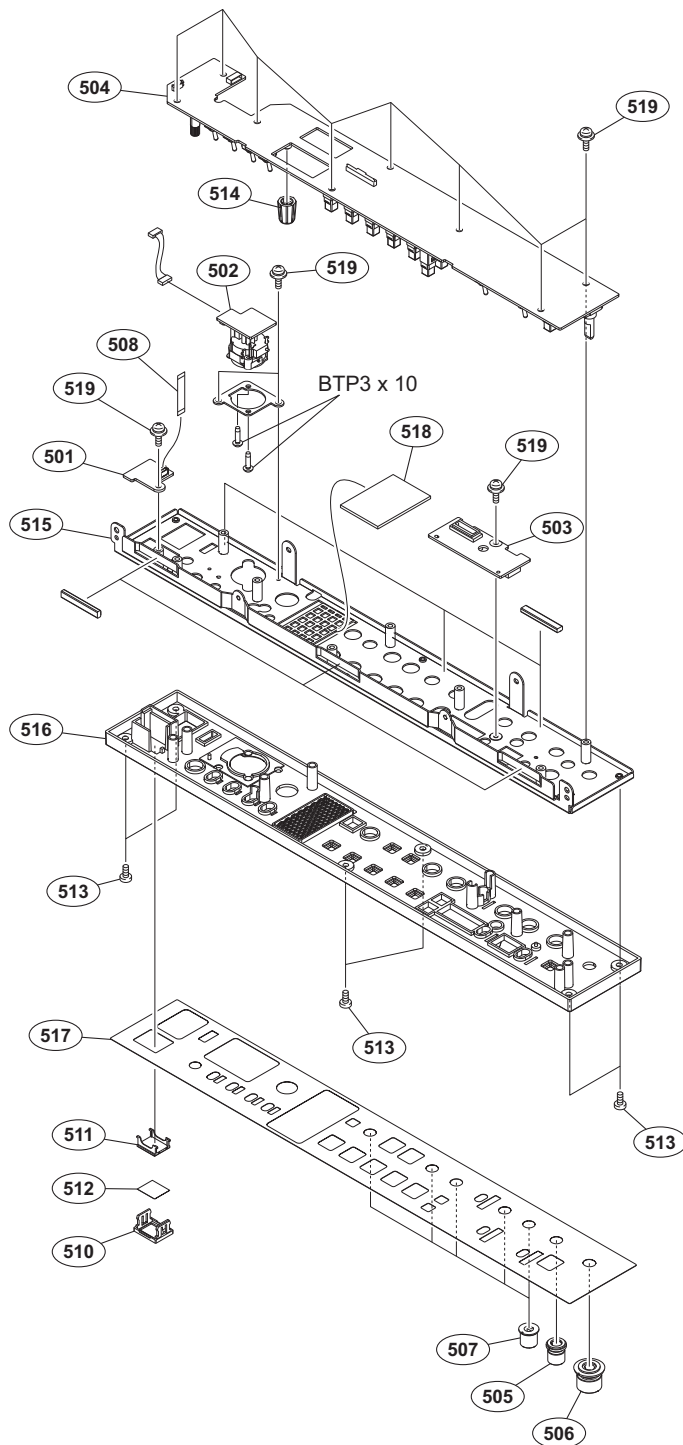
Chassis-2



No.	Part No.	SP Description
401	1-251-378-12 s	INLET (WITH NOISE FILTER)
402	⚠ 1-482-018-11 s	FERRITE CORE (GRFC-8)
403	⚠ 1-855-252-11 s	FAN, DC (60 SQUARE)
404	⚠ 1-967-973-11 s	HARNESS (AC IN)
405	2-990-241-02 s	HOLDER (A), PLUG
406	3-257-200-01 s	CLAMP, CORD
407	4-139-239-01 s	FAN CUSHION
408	4-382-854-51 s	SCREW (M3X6), P, SW (+)

7-682-949-01 s SCREW +PSW 3X10
7-682-961-01 s SCREW +PSW 4X8

Front Panel



No.	Part No.	SP Description	No.	Part No.	SP Description
501	A-1903-388-A s	MOUNTED CIRCUIT BOARD, LED-519	514	4-139-232-01 s	KNOB, ROTARY ENCODER
502	A-1903-385-A s	MOUNTED CIRCUIT BOARD, CN-3583	515	⚠ 4-299-616-03 s	PLATE, FRONT
503	A-1903-387-A s	MOUNTED CIRCUIT BOARD, LED-518	516	⚠ 4-299-629-03 s	PANEL, FRONT (U)
504	A-1903-510-A s	MOUNTED CIRCUIT BOARD, SW-1572			
505	X-3679-298-1 s	KNOB, VOLUME ASSY	517	4-444-791-02 s	SHEET, FRONT PANEL (F)
506	X-3679-302-2 s	KNOB, VOLUME ASSY	518	⚠ 4-299-635-01 s	FILTER
507	X-3704-947-2 s	KNOB ASSY (S)	519	4-382-854-51 s	SCREW (M3X6), P, SW (+)
508	1-836-689-11 s	CABLE, FLEXIBLE FLAT (10 CORE)	520	3-872-590-01 s	PORONSHEET (POWER)
510	2-139-192-01 s	FRAME, INDICATOR WINDOW			
511	2-139-193-02 s	WINDOW, INDICATOR		7-685-547-14 s	SCREW +BTP 3X10 TYPE2 N-S
512	2-249-353-01 s	COVER, LAMP			
513	3-725-295-21 s	SCREW, (+) (B3)			

7-3. Electrical Parts List

AT-191 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1903-511-A	s MOUNTED CIRCUIT BOARD, AT-191
1pc	△ 1-458-621-11	s MODULE, OPTICAL (SFP)
2pcs	3-364-941-01	s SCREW (+B) (2.6X5), NYLOK
1pc	4-669-854-01	s CAGE, TOP
BT100	1-756-991-21	s HOLDER, LITHIUM BATTERY (CR203
C1	1-116-346-11	s CAP, ELECT 47MF 105
C2	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C3	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C4	1-164-935-81	s CAP, CHIP CERAMIC 470PF B 1005
C5	1-116-346-11	s CAP, ELECT 47MF 105
C6	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C7	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C8	1-117-949-81	s CAP, CHIP CERAMIC 820PF B1005
C9	1-114-238-91	s CAP, CERAMIC 22MF B
C11	1-162-923-91	s CAP, CERAMIC 47PF CH 1608
C12	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C13	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C14	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C15	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C16	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C17	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C18	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C19	1-164-858-81	s CAP, CHIP CERAMIC 22PF CH 1005
C20	1-165-585-21	s CAP, CHIP ELECT 47MF
C21	1-131-661-21	s CAP, CHIP ELECT 100MF (6.3X5.7)
C22	1-165-585-21	s CAP, CHIP ELECT 47MF
C23	1-131-661-21	s CAP, CHIP ELECT 100MF (6.3X5.7)
C24	1-135-960-91	s CAP, CHIP CERAMIC 10MF B (3225)
C25	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C26	1-116-100-11	s CAP, ELECT 220MF 105
C27	1-135-960-91	s CAP, CHIP CERAMIC 10MF B (3225)
C28	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C29	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C30	1-116-100-11	s CAP, ELECT 220MF 105
C31	1-131-661-21	s CAP, CHIP ELECT 100MF (6.3X5.7)
C32	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C33	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C34	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C35	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C36	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C37	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C38	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C39	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C40	1-114-238-91	s CAP, CERAMIC 22MF B
C41	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C43	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C49	1-164-935-81	s CAP, CHIP CERAMIC 470PF B 1005
C50	1-112-692-81	s CAP,CHIP CERAMIC1000PF CH 1005
C51	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C52	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C55	1-114-238-91	s CAP, CERAMIC 22MF B
C57	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C59	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C61	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C66	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C67	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C68	1-165-585-21	s CAP, CHIP ELECT 47MF
C69	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C70	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C71	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C81	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005

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Ref. No. or Q'ty	Part No.	SP Description
C83	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C84	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C85	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C86	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C100	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C101	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C102	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C103	1-137-894-21	s CAP, CHIP ELECT 470MF
C104	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	1-114-582-91	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	1-114-582-91	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	1-114-238-91	s CAP, CERAMIC 22MF B
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
C137	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	1-114-238-91	s CAP, CERAMIC 22MF B
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
C149	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C150	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
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	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C162	1-114-582-91	s CAP, CERAMIC 0.1MF B 1005
C163	1-114-238-91	s CAP, CERAMIC 22MF B

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C164	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C165	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C166	1-114-238-91 s	CAP, CERAMIC 22MF B
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	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C170	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C172	1-114-238-91 s	CAP, CERAMIC 22MF B
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
C176	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C179	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C180	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C181	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C300	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C301	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C337	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C339	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C341	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C342	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C343	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C344	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C345	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C346	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C347	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C348	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C349	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C350	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C351	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C352	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C353	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C354	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C355	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C356	1-131-661-21 s	CAP, CHIP ELECT 100MF (6.3X5.7)
C357	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C358	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C359	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C361	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C362	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C363	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C364	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
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
C374	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C375	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C376	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C377	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C500	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C501	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C502	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C503	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C504	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C505	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C506	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C507	1-112-066-11 s	CAP, CERAMIC 10MF X7R 3216
C508	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C509	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005

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C510	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C511	1-112-066-11 s	CAP, CERAMIC 10MF X7R 3216
C512	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C513	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C514	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C515	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C516	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C517	1-100-611-91 s	CAP, CERAMIC 22MF C (2012)
C518	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C519	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C520	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C521	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C522	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C523	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C524	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C525	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C526	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C527	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C528	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C529	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C530	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C531	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C532	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C533	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C534	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C535	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C536	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C537	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C538	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C539	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C540	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C543	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C544	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C545	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
C548	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C549	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C550	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C551	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C552	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C553	1-100-591-91 s	CAP, CHIP CERAMIC 1MF B 2012
C554	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C555	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C556	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C557	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C559	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C560	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C561	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C562	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C600	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C601	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C603	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C604	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C605	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C700	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C701	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C702	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C703	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	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)

Ref. No. or Q'ty	Part No.	SP	Description
C711	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C712	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C713	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C714	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C715	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C716	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C717	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C718	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C719	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C720	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C721	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C722	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C723	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C724	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C725	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C726	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C727	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C728	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C729	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C730	1-164-843-81	s	CAP, CHIP CERAMIC 3PF CJ 1005
C732	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C733	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C734	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C735	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C736	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C737	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C738	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C800	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C801	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C802	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C803	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C804	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C805	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C806	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C807	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C808	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C809	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C810	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C811	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C812	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C813	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C814	1-100-415-91	s	CAP, CHIP CERAMIC 0.47MF(1005)
C815	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C816	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C817	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C818	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C819	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C820	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C821	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C822	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C823	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C824	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C825	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C826	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C926	1-114-582-91	s	CAP, CERAMIC 0.1MF B 1005
C1001	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1002	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1003	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1004	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1005	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1006	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1007	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1008	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1009	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1010	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)

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Ref. No. or Q'ty	Part No.	SP Description
C1076	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1077	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1078	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1079	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1080	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1081	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1082	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1083	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1084	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1085	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1086	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1087	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1088	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1089	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1090	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1091	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1092	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1093	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1094	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1095	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1096	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1097	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1098	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1099	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1100	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1101	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1102	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1103	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1104	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1150	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C1151	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C1152	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C1153	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C1154	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C1155	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C1156	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1157	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1158	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1159	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1160	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1161	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
CN1	1-778-535-31 s	CONNECTOR, FFC/FPC(ZIF) AN 45P
CN2	1-778-535-31 s	CONNECTOR, FFC/FPC(ZIF) AN 45P
CN5	1-770-625-21 s	PIN, CONNECTOR 8P
CN100	1-821-409-21 s	CONNECTOR, BOARD TO BOARD 40P
CN101	1-784-650-21 s	CONNECTOR 2P
CN102	1-819-611-22 s	MEMORY STICK DUO CONNECTOR 10P
CN301	1-817-196-11 s	JACK, MODULAR
CN600	1-778-535-31 s	CONNECTOR, FFC/FPC(ZIF) AN 45P
CN800	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN801	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN802	1-817-176-11 s	CONNECTOR, SFP FIBER CHANNEL
CN1001	1-784-254-21 s	CONNECTOR 10P
D1	8-719-070-20 s	DIODE RB706F-40
D2	8-719-048-98 s	DIODE RB160L-40TE25
D4	8-719-083-60 s	DI UDZSUSTE-174.7B
D100	△ 8-719-070-20 s	DIODE RB706F-40
D101	8-719-024-71 s	DIODE 1SS362-TE85L
D102	8-719-024-71 s	DIODE 1SS362-TE85L
D103	6-500-122-01 s	DIODE CL-375HR/YG-D-TS
D500	8-719-083-60 s	DI UDZSUSTE-174.7B
D501	8-719-083-60 s	DI UDZSUSTE-174.7B
D502	6-501-123-01 s	DIODE RB160M-60TR
D503	6-502-197-01 s	DI SML-D12M8WT86SM

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D800	6-502-598-01 s	DI SML-D12U8WT86
D802	6-502-598-01 s	DI SML-D12U8WT86
D803	6-502-598-01 s	DI SML-D12U8WT86
D1001	6-502-598-01 s	DI SML-D12U8WT86
E1	1-535-877-22 s	CHIP, CHECKER
E2	1-535-877-22 s	CHIP, CHECKER
E3	1-535-877-22 s	CHIP, CHECKER
E500	1-535-877-22 s	CHIP, CHECKER
E501	1-535-877-22 s	CHIP, CHECKER
E502	1-535-877-22 s	CHIP, CHECKER
ET1	1-780-925-11 s	TERMINAL, LUG
ET2	1-780-925-11 s	TERMINAL, LUG
ET3	1-780-925-11 s	TERMINAL, LUG
ET4	1-780-925-11 s	TERMINAL, LUG
ET503	1-780-925-11 s	TERMINAL, LUG
FB1	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB2	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB3	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB4	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB5	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB6	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB7	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB8	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB9	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB10	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB11	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB12	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB14	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB16	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB18	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB20	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB21	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB22	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB23	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB24	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB25	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB26	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB27	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB28	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB29	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB31	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB33	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB35	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB37	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB39	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB45	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB046	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB047	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB500	1-414-864-21 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	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB509	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB510	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB511	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB512	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB513	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB800	1-414-554-21 s	FERRITE, EMI (SMD) (1608)
FB801	1-414-554-21 s	FERRITE, EMI (SMD) (1608)

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FB1001	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB1002	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB1003	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB1150	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB1151	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FL700	1-233-345-21 s	FILTER, LOW PASS (5.5MHZ)
IC1	6-701-549-01 s	IC LTC1778EGN
IC2	6-713-169-01 s	IC LTC3412AEFE#TR
IC3	6-712-135-01 o	IC R1173H001D-T1-FE
IC5	6-706-879-01 s	IC TPS62020DRCR
IC6	8-759-330-14 s	IC TL7700CPS-E20
IC7	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC8	8-759-338-95 s	IC NJM2903V (TE2)
IC9	8-759-656-54 s	IC TC7WH14FK
IC11	6-712-135-01 o	IC R1173H001D-T1-FE
IC12	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC13	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC14	6-702-319-01 s	IC TC7WZ04FK
IC15	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC18	6-706-487-01 s	IC TC7SH08FU
IC19	6-706-487-01 s	IC TC7SH08FU
IC101	6-704-566-01 s	IC R3112N291A-TR-FE
IC102	6-707-856-01 s	IC TC74LCX74FT (EKJ)
IC103	8-759-648-04 s	IC RTC-4574JE
IC104	6-706-487-01 s	IC TC7SH08FU
IC106	6-710-018-01 s	IC CAT24C02WI-GT3
IC107	6-710-018-01 s	IC CAT24C02WI-GT3
IC108	6-706-487-01 s	IC TC7SH08FU
IC109	6-808-528-01 s	IC MX29LV160DBTI-70G
IC110	6-808-528-01 s	IC MX29LV160DBTI-70G
IC111	8-759-669-68 s	IC SN74CBT3253PWR-12
IC112	6-707-849-01 s	IC TC74LCX244FT (EKJ)
IC113	6-717-050-01 s	IC W9825G6JH-6-ER10
IC114	6-707-849-01 s	IC TC74LCX244FT (EKJ)
IC115	6-707-849-01 s	IC TC74LCX244FT (EKJ)
IC116	6-707-849-01 s	IC TC74LCX244FT (EKJ)
IC117	6-717-192-01 s	IC MB85R256GPFEN
IC118	6-717-192-01 s	IC MB85R256GPFEN
IC119	8-759-584-32 s	IC MB86189PMC-G-BND-ER-E1
IC120	6-707-856-01 s	IC TC74LCX74FT (EKJ)
IC121	6-702-319-01 s	IC TC7WZ04FK
IC122	8-759-656-54 s	IC TC7WH14FK
IC126	6-706-483-01 s	IC TC7SH02FU
IC129	6-706-488-01 s	IC TC7SH14FU
IC130	6-701-541-01 s	IC TLC2272CPWR
IC131	6-707-845-01 s	IC TC74LCX138FT (EKJ)
IC133	6-717-050-01 s	IC W9825G6JH-6-ER10
IC134	6-702-319-01 s	IC TC7WZ04FK
IC135	6-702-319-01 s	IC TC7WZ04FK
IC300	6-704-566-01 s	IC R3112N291A-TR-FE
IC303	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC304	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC305	6-705-277-01 s	IC S-93C46BD0I-J8T1-G
IC306	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC308	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC313	8-759-092-83 s	IC SN75158PSR
IC314	6-715-036-01 s	IC TC7SZ04FU, RSONYJ
IC318	6-706-478-01 s	IC TC7SET08FU
IC319	6-707-842-01 s	IC TC74LCX08FT (EKJ)
IC320	6-707-842-01 s	IC TC74LCX08FT (EKJ)
IC321	6-600-060-01 s	IC TC7WZ32FK
IC326	6-702-319-01 s	IC TC7WZ04FK
IC500	6-712-135-01 o	IC R1173H001D-T1-FE
IC501	6-706-220-01 s	IC LTC3411EMS#TR

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IC502	6-712-135-01 o	IC R1173H001D-T1-FE
IC503	6-713-169-01 s	IC LTC3412AEFE#TR
IC504	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC505	8-759-278-58 s	IC NJM4558V-TE2
IC506	8-759-338-95 s	IC NJM2903V (TE2)
IC507	8-759-338-95 s	IC NJM2903V (TE2)
IC508	6-705-481-01 s	IC LT1931ES5#TR
IC509	6-706-482-01 s	IC TC7SH00FU
IC510	6-706-482-01 s	IC TC7SH00FU
IC512	6-712-135-01 o	IC R1173H001D-T1-FE
IC600	6-707-839-01 s	IC TC74LCX04FT (EKJ)
IC602	6-715-039-01 s	IC TC7SZ08FU, RSONYJ
IC603	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC604	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC700	6-718-382-01 s	IC ML86V76653TBZ03A-7
IC701	6-715-039-01 s	IC TC7SZ08FU, RSONYJ
IC702	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC703	6-704-489-01 s	IC AD9283BRSZ-RL80
IC802	6-706-484-01 s	IC TC7SH04FU
IC804	6-706-484-01 s	IC TC7SH04FU
IC805	6-706-484-01 s	IC TC7SH04FU
IC902	6-600-851-01 s	PHOTO COUPLER PC4D10SNIP0F
IC1001	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC1002	6-713-821-01 s	IC EPC816SI8N (AMK)
IC1003	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC1004	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC1005	6-715-036-01 s	IC TC7SZ04FU, RSONYJ
IC1006	6-715-039-01 s	IC TC7SZ08FU, RSONYJ
IC1150	6-714-534-01 s	IC W9864G2IH-6-ER10
IC1151	6-714-534-01 s	IC W9864G2IH-6-ER10
L1	1-457-892-11 s	CHOKE COIL
L2	1-481-180-21 s	INDUCTOR 10UH
L3	1-457-892-11 s	CHOKE COIL
L4	1-457-892-11 s	CHOKE COIL
L10	1-457-892-11 s	CHOKE COIL
L13	1-457-892-11 s	CHOKE COIL
L100	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L101	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L102	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L103	1-469-553-21 s	INDUCTOR, CHIP 4.7UH (LB2016)
L104	1-469-553-21 s	INDUCTOR, CHIP 4.7UH (LB2016)
L105	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L106	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L107	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L108	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L109	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L303	1-469-553-21 s	INDUCTOR, CHIP 4.7UH (LB2016)
L304	1-469-553-21 s	INDUCTOR, CHIP 4.7UH (LB2016)
L305	1-469-553-21 s	INDUCTOR, CHIP 4.7UH (LB2016)
L306	1-469-553-21 s	INDUCTOR, CHIP 4.7UH (LB2016)
L500	1-419-630-21 s	COIL, CHOKE 4.7UH
L501	1-457-372-21 s	COIL, CHOKE 1UH
L502	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L503	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L504	1-457-892-11 s	CHOKE COIL
L505	1-457-892-11 s	CHOKE COIL
L600	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L700	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L701	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L702	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L703	1-400-788-21 s	INDUCTOR, CHIP 1.0UH (2518)
L704	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L705	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L706	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)

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L707	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L708	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L800	1-414-838-21 s	INDUCTOR, CHIP 6.8NH (1005)
L801	1-414-838-21 s	INDUCTOR, CHIP 6.8NH (1005)
L802	1-400-788-21 s	INDUCTOR, CHIP 1.0UH (2518)
L803	1-400-788-21 s	INDUCTOR, CHIP 1.0UH (2518)
L1001	1-400-788-21 s	INDUCTOR, CHIP 1.0UH (2518)
L1002	1-400-788-21 s	INDUCTOR, CHIP 1.0UH (2518)
L1003	1-400-788-21 s	INDUCTOR, CHIP 1.0UH (2518)
L1004	1-400-788-21 s	INDUCTOR, CHIP 1.0UH (2518)
L1005	1-400-788-21 s	INDUCTOR, CHIP 1.0UH (2518)
L1006	1-400-788-21 s	INDUCTOR, CHIP 1.0UH (2518)
L1007	1-400-788-21 s	INDUCTOR, CHIP 1.0UH (2518)
L1008	1-400-788-21 s	INDUCTOR, CHIP 1.0UH (2518)
L1009	1-400-788-21 s	INDUCTOR, CHIP 1.0UH (2518)
L1010	1-400-788-21 s	INDUCTOR, CHIP 1.0UH (2518)
Q1	8-729-054-35 s	TRANSISTOR HAT2070R-EL
Q2	8-729-054-35 s	TRANSISTOR HAT2070R-EL
Q3	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q004	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q005	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q100	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q101	8-729-209-73 s	TRANSISTOR 2SA1213Y-TE12L
Q103	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q104	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q300	8-729-928-55 s	TRANSISTOR DTA123JE-TL
Q301	8-729-928-55 s	TRANSISTOR DTA123JE-TL
Q500	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q501	6-550-632-01 s	TRANSISTOR 2SC4672-T100-Q
Q502	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q503	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q504	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q505	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q506	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q507	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q508	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q510	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q700	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q701	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q702	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q703	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q704	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1001	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
R1	1-208-919-81 s	RES, CHIP 22K (1005)
R2	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R3	1-208-863-81 s	RES, CHIP 100 (1005)
R4	1-208-959-81 s	RES, CHIP 1M (1005)
R5	1-208-959-81 s	RES, CHIP 1M (1005)
R6	1-208-923-81 s	RES, CHIP 33K (1005)
R7	1-208-911-81 s	RES, CHIP 10K (1005)
R10	1-208-935-81 s	RES, CHIP 100K (1005)
R11	1-208-915-81 s	RES, CHIP 15K (1005)
R12	1-208-959-81 s	RES, CHIP 1M (1005)
R13	1-208-927-81 s	RES, CHIP 47K (1005)
R14	1-208-887-81 s	RES, CHIP 1.0K (1005)
R15	1-208-911-81 s	RES, CHIP 10K (1005)
R16	1-208-959-81 s	RES, CHIP 1M (1005)
R17	1-208-895-81 s	RES, CHIP 2.2K (1005)
R18	1-218-981-81 s	RES, CHIP 220K
R19	1-216-789-91 s	RES, CHIP 2.2 (1608)
R20	1-216-789-91 s	RES, CHIP 2.2 (1608)
R22	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R23	1-208-935-81 s	RES, CHIP 100K (1005)
R24	1-208-955-81 s	RES, CHIP 680K (1005)

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R25	1-208-931-81 s	RES, CHIP 68K (1005)
R26	1-208-939-81 s	RES, CHIP 150K (1005)
R27	1-208-895-81 s	RES, CHIP 2.2K (1005)
R28	1-208-935-81 s	RES, CHIP 100K (1005)
R29	1-208-887-81 s	RES, CHIP 1.0K (1005)
R30	1-208-911-81 s	RES, CHIP 10K (1005)
R31	1-208-887-81 s	RES, CHIP 1.0K (1005)
R32	1-208-907-81 s	RES, CHIP 6.8K (1005)
R33	1-208-911-81 s	RES, CHIP 10K (1005)
R34	1-208-919-81 s	RES, CHIP 22K (1005)
R39	1-208-923-81 s	RES, CHIP 33K (1005)
R40	1-208-919-81 s	RES, CHIP 22K (1005)
R41	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R42	1-208-911-81 s	RES, CHIP 10K (1005)
R43	1-220-878-81 s	RES, CHIP 22 (1005)
R44	1-220-878-81 s	RES, CHIP 22 (1005)
R45	1-208-903-81 s	RES, CHIP 4.7K (1005)
R46	1-220-878-81 s	RES, CHIP 22 (1005)
R47	1-220-878-81 s	RES, CHIP 22 (1005)
R48	1-208-903-81 s	RES, CHIP 4.7K (1005)
R49	1-208-939-81 s	RES, CHIP 150K (1005)
R50	1-208-919-81 s	RES, CHIP 22K (1005)
R51	1-208-911-81 s	RES, CHIP 10K (1005)
R57	1-208-887-81 s	RES, CHIP 1.0K (1005)
R60	1-208-903-81 s	RES, CHIP 4.7K (1005)
R63	1-208-911-81 s	RES, CHIP 10K (1005)
R64	1-220-870-81 s	RES, CHIP 10 (1005)
R65	1-208-915-81 s	RES, CHIP 15K (1005)
R80	1-220-870-81 s	RES, CHIP 10 (1005)
R81	1-208-935-81 s	RES, CHIP 100K (1005)
R82	1-208-935-81 s	RES, CHIP 100K (1005)
R084	1-250-519-11 s	RES, METAL FILM CHIP 10K(1005)
R085	1-250-519-11 s	RES, METAL FILM CHIP 10K(1005)
R086	1-208-919-81 s	RES, CHIP 22K (1005)
R100	1-208-887-81 s	RES, CHIP 1.0K (1005)
R101	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R102	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R103	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R104	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R105	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R106	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R107	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R108	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R109	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R110	1-220-878-81 s	RES, CHIP 22 (1005)
R111	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R112	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R113	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R114	1-220-878-81 s	RES, CHIP 22 (1005)
R115	1-208-935-81 s	RES, CHIP 100K (1005)
R117	△ 1-208-887-81 s	RES, CHIP 1.0K (1005)
R118	1-208-935-81 s	RES, CHIP 100K (1005)
R119	1-220-870-81 s	RES, CHIP 10 (1005)
R120	1-208-887-81 s	RES, CHIP 1.0K (1005)
R121	1-208-855-81 s	RES, CHIP 47 (1005)
R123	1-208-855-81 s	RES, CHIP 47 (1005)
R126	1-208-911-81 s	RES, CHIP 10K (1005)
R127	1-208-863-81 s	RES, CHIP 100 (1005)
R128	1-208-935-81 s	RES, CHIP 100K (1005)
R136	1-208-855-81 s	RES, CHIP 47 (1005)
R139	1-220-870-81 s	RES, CHIP 10 (1005)
R140	1-220-870-81 s	RES, CHIP 10 (1005)
R142	1-208-911-81 s	RES, CHIP 10K (1005)
R143	1-208-911-81 s	RES, CHIP 10K (1005)
R144	1-208-935-81 s	RES, CHIP 100K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R147	1-208-911-81 s	RES, CHIP 10K (1005)
R148	1-208-911-81 s	RES, CHIP 10K (1005)
R153	1-208-935-81 s	RES, CHIP 100K (1005)
R154	1-208-911-81 s	RES, CHIP 10K (1005)
R155	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	1-208-903-81 s	RES, CHIP 4.7K (1005)
R164	1-208-911-81 s	RES, CHIP 10K (1005)
R165	1-208-911-81 s	RES, CHIP 10K (1005)
R189	1-208-895-81 s	RES, CHIP 2.2K (1005)
R190	1-208-935-81 s	RES, CHIP 100K (1005)
R191	1-220-870-81 s	RES, CHIP 10 (1005)
R192	1-208-887-81 s	RES, CHIP 1.0K (1005)
R195	1-208-903-81 s	RES, CHIP 4.7K (1005)
R196	1-208-903-81 s	RES, CHIP 4.7K (1005)
R206	1-220-870-81 s	RES, CHIP 10 (1005)
R207	1-208-911-81 s	RES, CHIP 10K (1005)
R208	1-208-935-81 s	RES, CHIP 100K (1005)
R209	1-208-919-81 s	RES, CHIP 22K (1005)
R210	1-208-879-81 s	RES, CHIP 470 (1005)
R212	1-208-879-81 s	RES, CHIP 470 (1005)
R214	1-208-899-81 s	RES, CHIP 3.3K (1005)
R215	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R216	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R217	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R219	1-220-870-81 s	RES, CHIP 10 (1005)
R221	1-220-878-81 s	RES, CHIP 22 (1005)
R225	1-220-870-81 s	RES, CHIP 10 (1005)
R226	1-220-870-81 s	RES, CHIP 10 (1005)
R227	1-208-899-81 s	RES, CHIP 3.3K (1005)
R228	1-220-870-81 s	RES, CHIP 10 (1005)
R231	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R233	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R300	1-208-927-81 s	RES, CHIP 47K (1005)
R319	1-208-927-81 s	RES, CHIP 47K (1005)
R335	1-208-911-81 s	RES, CHIP 10K (1005)
R338	1-208-863-81 s	RES, CHIP 100 (1005)
R339	1-208-863-81 s	RES, CHIP 100 (1005)
R340	1-208-863-81 s	RES, CHIP 100 (1005)
R341	1-208-911-81 s	RES, CHIP 10K (1005)
R342	1-208-863-81 s	RES, CHIP 100 (1005)
R343	1-208-863-81 s	RES, CHIP 100 (1005)
R344	1-208-907-81 s	RES, CHIP 6.8K (1005)
R345	1-208-907-81 s	RES, CHIP 6.8K (1005)
R346	1-220-870-81 s	RES, CHIP 10 (1005)
R347	1-220-870-81 s	RES, CHIP 10 (1005)
R348	1-208-887-81 s	RES, CHIP 1.0K (1005)
R349	1-208-867-81 s	RES, CHIP 150 (1005)
R350	1-208-887-81 s	RES, CHIP 1.0K (1005)
R351	1-208-887-81 s	RES, CHIP 1.0K (1005)
R352	1-208-887-81 s	RES, CHIP 1.0K (1005)
R353	1-208-887-81 s	RES, CHIP 1.0K (1005)
R354	1-208-860-81 s	RES, CHIP 75 (1005)
R355	1-208-860-81 s	RES, CHIP 75 (1005)
R372	1-211-986-91 s	RES, CHIP 51 (1608)
R373	1-211-986-91 s	RES, CHIP 51 (1608)
R374	1-211-986-91 s	RES, CHIP 51 (1608)
R375	1-211-986-91 s	RES, CHIP 51 (1608)
R384	1-211-986-91 s	RES, CHIP 51 (1608)
R385	1-211-986-91 s	RES, CHIP 51 (1608)
R386	1-211-986-91 s	RES, CHIP 51 (1608)
R387	1-211-986-91 s	RES, CHIP 51 (1608)
R388	1-218-823-91 s	RES, CHIP 100 (1608)
R389	1-218-823-91 s	RES, CHIP 100 (1608)

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Ref. No. or Q'ty	Part No.	SP Description
R390	1-218-823-91 s	RES, CHIP 100 (1608)
R399	1-218-823-91 s	RES, CHIP 100 (1608)
R409	1-208-911-81 s	RES, CHIP 10K (1005)
R415	1-208-911-81 s	RES, CHIP 10K (1005)
R416	1-220-870-81 s	RES, CHIP 10 (1005)
R417	1-220-870-81 s	RES, CHIP 10 (1005)
R418	1-208-887-81 s	RES, CHIP 1.0K (1005)
R419	1-208-911-81 s	RES, CHIP 10K (1005)
R420	1-220-878-81 s	RES, CHIP 22 (1005)
R430	1-208-911-81 s	RES, CHIP 10K (1005)
R431	1-208-911-81 s	RES, CHIP 10K (1005)
R432	1-208-911-81 s	RES, CHIP 10K (1005)
R441	1-220-870-81 s	RES, CHIP 10 (1005)
R442	1-220-870-81 s	RES, CHIP 10 (1005)
R443	1-208-911-81 s	RES, CHIP 10K (1005)
R444	1-208-911-81 s	RES, CHIP 10K (1005)
R453	1-208-927-81 s	RES, CHIP 47K (1005)
R476	1-208-863-81 s	RES, CHIP 100 (1005)
R503	1-208-919-81 s	RES, CHIP 22K (1005)
R504	1-208-919-81 s	RES, CHIP 22K (1005)
R505	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R506	1-208-943-81 s	RES, CHIP 220K (1005)
R507	1-208-919-81 s	RES, CHIP 22K (1005)
R508	1-208-959-81 s	RES, CHIP 1M (1005)
R509	1-208-959-81 s	RES, CHIP 1M (1005)
R510	1-243-975-81 s	RES, CHIP 4.7M (1005)
R511	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R512	1-208-927-81 s	RES, CHIP 47K (1005)
R513	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R514	1-208-899-81 s	RES, CHIP 3.3K (1005)
R515	1-208-903-81 s	RES, CHIP 4.7K (1005)
R516	1-208-911-81 s	RES, CHIP 10K (1005)
R517	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R518	1-208-887-81 s	RES, CHIP 1.0K (1005)
R519	1-208-911-81 s	RES, CHIP 10K (1005)
R521	1-208-911-81 s	RES, CHIP 10K (1005)
R522	1-220-804-81 s	RES, CHIP 2.2M
R523	1-208-935-81 s	RES, CHIP 100K (1005)
R524	1-208-943-81 s	RES, CHIP 220K (1005)
R525	1-208-935-81 s	RES, CHIP 100K (1005)
R526	1-208-927-81 s	RES, CHIP 47K (1005)
R527	1-208-895-81 s	RES, CHIP 2.2K (1005)
R528	1-208-891-81 s	RES, CHIP 1.5K (1005)
R529	1-208-903-81 s	RES, CHIP 4.7K (1005)
R530	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R531	1-208-871-81 s	RES, CHIP 220 (1005)
R532	1-208-871-81 s	RES, CHIP 220 (1005)
R533	1-208-911-81 s	RES, CHIP 10K (1005)
R534	1-208-911-81 s	RES, CHIP 10K (1005)
R535	1-208-927-81 s	RES, CHIP 47K (1005)
R536	1-208-927-81 s	RES, CHIP 47K (1005)
R537	1-208-927-81 s	RES, CHIP 47K (1005)
R538	1-208-935-81 s	RES, CHIP 100K (1005)
R539	1-208-919-81 s	RES, CHIP 22K (1005)
R540	1-208-903-81 s	RES, CHIP 4.7K (1005)
R541	1-208-919-81 s	RES, CHIP 22K (1005)
R542	1-208-879-81 s	RES, CHIP 470 (1005)
R543	1-208-919-81 s	RES, CHIP 22K (1005)
R544	1-208-895-81 s	RES, CHIP 2.2K (1005)
R545	1-208-911-81 s	RES, CHIP 10K (1005)
R546	1-208-923-81 s	RES, CHIP 33K (1005)
R547	1-208-903-81 s	RES, CHIP 4.7K (1005)
R548	1-208-903-81 s	RES, CHIP 4.7K (1005)
R549	1-208-927-81 s	RES, CHIP 47K (1005)
R550	1-208-927-81 s	RES, CHIP 47K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R552	1-208-919-81 s	RES, CHIP 22K (1005)
R553	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2 (3225)
R554	1-208-919-81 s	RES, CHIP 22K (1005)
R555	1-208-887-81 s	RES, CHIP 1.0K (1005)
R556	1-208-911-81 s	RES, CHIP 10K (1005)
R557	1-208-911-81 s	RES, CHIP 10K (1005)
R560	1-208-863-81 s	RES, CHIP 100 (1005)
R561	1-208-911-81 s	RES, CHIP 10K (1005)
R562	1-208-911-81 s	RES, CHIP 10K (1005)
R563	1-208-895-81 s	RES, CHIP 2.2K (1005)
R567	1-208-927-81 s	RES, CHIP 47K (1005)
R568	1-208-911-81 s	RES, CHIP 10K (1005)
R569	1-208-871-81 s	RES, CHIP 220 (1005)
R570	1-208-927-81 s	RES, CHIP 47K (1005)
R571	1-208-911-81 s	RES, CHIP 10K (1005)
R572	1-208-899-81 s	RES, CHIP 3.3K (1005)
R573	1-208-919-81 s	RES, CHIP 22K (1005)
R574	1-208-923-81 s	RES, CHIP 33K (1005)
R600	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R601	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R602	1-208-863-81 s	RES, CHIP 100 (1005)
R603	1-208-911-81 s	RES, CHIP 10K (1005)
R604	1-208-911-81 s	RES, CHIP 10K (1005)
R605	1-208-863-81 s	RES, CHIP 100 (1005)
R606	1-220-870-81 s	RES, CHIP 10 (1005)
R609	1-220-878-81 s	RES, CHIP 22 (1005)
R610	1-220-878-81 s	RES, CHIP 22 (1005)
R611	1-208-863-81 s	RES, CHIP 100 (1005)
R613	1-208-863-81 s	RES, CHIP 100 (1005)
R614	1-208-863-81 s	RES, CHIP 100 (1005)
R615	1-208-863-81 s	RES, CHIP 100 (1005)
R616	1-208-863-81 s	RES, CHIP 100 (1005)
R620	1-208-855-81 s	RES, CHIP 47 (1005)
R621	1-208-855-81 s	RES, CHIP 47 (1005)
R622	1-208-855-81 s	RES, CHIP 47 (1005)
R700	1-208-883-81 s	RES, CHIP 680 (1005)
R701	1-208-855-81 s	RES, CHIP 47 (1005)
R703	1-208-903-81 s	RES, CHIP 4.7K (1005)
R704	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R705	1-208-935-81 s	RES, CHIP 100K (1005)
R706	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R707	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R708	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R709	1-208-863-81 s	RES, CHIP 100 (1005)
R710	1-208-863-81 s	RES, CHIP 100 (1005)
R711	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R712	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R715	1-208-855-81 s	RES, CHIP 47 (1005)
R716	1-220-870-81 s	RES, CHIP 10 (1005)
R717	1-208-863-81 s	RES, CHIP 100 (1005)
R718	1-208-891-81 s	RES, CHIP 1.5K (1005)
R719	1-208-935-81 s	RES, CHIP 100K (1005)
R720	1-208-879-81 s	RES, CHIP 470 (1005)
R721	1-208-915-81 s	RES, CHIP 15K (1005)
R722	1-208-895-81 s	RES, CHIP 2.2K (1005)
R723	1-208-919-81 s	RES, CHIP 22K (1005)
R724	1-208-907-81 s	RES, CHIP 6.8K (1005)
R725	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R726	1-208-891-81 s	RES, CHIP 1.5K (1005)
R727	1-208-887-81 s	RES, CHIP 1.0K (1005)
R728	1-208-887-81 s	RES, CHIP 1.0K (1005)
R729	1-208-871-81 s	RES, CHIP 220 (1005)
R730	1-208-907-81 s	RES, CHIP 6.8K (1005)
R731	1-208-895-81 s	RES, CHIP 2.2K (1005)
R732	1-208-887-81 s	RES, CHIP 1.0K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R733	1-208-891-81 s	RES, CHIP 1.5K (1005)
R734	1-208-919-81 s	RES, CHIP 22K (1005)
R735	1-208-895-81 s	RES, CHIP 2.2K (1005)
R736	1-208-875-81 s	RES, CHIP 330 (1005)
R737	1-208-887-81 s	RES, CHIP 1.0K (1005)
R738	1-208-903-81 s	RES, CHIP 4.7K (1005)
R739	1-208-879-81 s	RES, CHIP 470 (1005)
R740	1-208-887-81 s	RES, CHIP 1.0K (1005)
R741	1-220-878-81 s	RES, CHIP 22 (1005)
R742	1-208-855-81 s	RES, CHIP 47 (1005)
R744	1-208-903-81 s	RES, CHIP 4.7K (1005)
R745	1-208-903-81 s	RES, CHIP 4.7K (1005)
R746	1-208-887-81 s	RES, CHIP 1.0K (1005)
R747	1-208-855-81 s	RES, CHIP 47 (1005)
R748	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R749	1-208-863-81 s	RES, CHIP 100 (1005)
R751	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R752	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R761	1-220-878-81 s	RES, CHIP 22 (1005)
R765	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R768	1-208-911-81 s	RES, CHIP 10K (1005)
R769	1-208-863-81 s	RES, CHIP 100 (1005)
R772	1-220-878-81 s	RES, CHIP 22 (1005)
R773	1-220-878-81 s	RES, CHIP 22 (1005)
R774	1-208-919-81 s	RES, CHIP 22K (1005)
R775	1-208-891-81 s	RES, CHIP 1.5K (1005)
R777	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R778	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R779	1-208-911-81 s	RES, CHIP 10K (1005)
R780	1-208-863-81 s	RES, CHIP 100 (1005)
R781	1-208-891-81 s	RES, CHIP 1.5K (1005)
R801	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R803	1-208-860-81 s	RES, CHIP 75 (1005)
R804	1-208-860-81 s	RES, CHIP 75 (1005)
R805	1-208-860-81 s	RES, CHIP 75 (1005)
R806	1-208-860-81 s	RES, CHIP 75 (1005)
R807	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R809	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R811	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R812	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R814	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R816	1-208-860-81 s	RES, CHIP 75 (1005)
R817	1-208-860-81 s	RES, CHIP 75 (1005)
R818	1-208-860-81 s	RES, CHIP 75 (1005)
R819	1-208-860-81 s	RES, CHIP 75 (1005)
R820	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R822	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R824	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R825	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R828	1-208-863-81 s	RES, CHIP 100 (1005)
R829	1-208-863-81 s	RES, CHIP 100 (1005)
R830	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R831	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R832	1-208-911-81 s	RES, CHIP 10K (1005)
R835	1-208-911-81 s	RES, CHIP 10K (1005)
R836	1-208-911-81 s	RES, CHIP 10K (1005)
R838	1-220-878-81 s	RES, CHIP 22 (1005)
R839	1-220-878-81 s	RES, CHIP 22 (1005)
R840	1-220-878-81 s	RES, CHIP 22 (1005)
R841	1-220-878-81 s	RES, CHIP 22 (1005)
R842	1-208-911-81 s	RES, CHIP 10K (1005)
R843	1-208-911-81 s	RES, CHIP 10K (1005)
R844	1-208-911-81 s	RES, CHIP 10K (1005)
R845	1-208-911-81 s	RES, CHIP 10K (1005)
R878	1-208-887-81 s	RES, CHIP 1.0K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
RB602	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB603	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB604	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB605	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB606	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB607	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB608	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB609	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB610	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB611	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB612	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB613	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB614	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB615	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB616	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB700	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB701	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB702	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB703	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB704	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB800	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB1001	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1002	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB1003	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB1004	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB1150	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1151	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1152	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1153	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1154	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1155	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1156	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1157	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1158	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1159	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1160	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1161	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1162	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1163	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1164	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1165	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1166	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1167	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1168	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1169	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB1170	1-234-371-21 s	RES, NETWORK 47 (1005X4)
S100	1-692-270-41 s	SWITCH, SLIDE
T300	1-437-527-41 s	TRANSFORMER, PULSE
THP4	△ 1-802-108-11 s	THERMISTOR, POSITIVE
THP5	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP100	△ 1-771-845-21 s	THERMISTOR, POSITIVE
THP500	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP501	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP502	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP503	△ 1-804-458-21 s	THERMISTOR, POSITIVE
THP504	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP505	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP506	△ 1-804-458-21 s	THERMISTOR, POSITIVE
THP507	△ 1-804-616-21 s	THERMISTOR, POSITIVE
TP100	1-535-877-22 s	CHIP, CHECKER
TP600	1-535-877-22 s	CHIP, CHECKER

AT-191 BOARD

Ref. No. or Q'ty	Part No.	SP Description
TP700	1-535-877-22 s	CHIP, CHECKER
TP701	1-535-877-22 s	CHIP, CHECKER
TP702	1-535-877-22 s	CHIP, CHECKER
X100	1-814-011-11 s	OSCILLATOR, CRYSTAL (33.1776MHZ)
X301	1-795-983-11 s	OSCILLATOR, CRYSTAL

CN-3556 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1903-383-A s	MOUNTED CIRCUIT BOARD, CN-3556
C1	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C2	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C3	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C4	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C5	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C6	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C7	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C8	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C9	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C10	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C019	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C020	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C021	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C022	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C023	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C024	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
CN1	1-778-534-31 s	CONNECTOR, FFC/FPC(ZIF) ST 45P
CN2	1-566-847-11 s	CONNECTOR, (S) TERMINAL 4P
CN3	1-695-038-11 s	CONNECTOR ASSY, BNC 1P
CN4	1-794-822-11 s	CONNECTOR, COAXIAL (BNC TYPE)
CN5	1-794-822-11 s	CONNECTOR, COAXIAL (BNC TYPE)
CN6	1-794-822-11 s	CONNECTOR, COAXIAL (BNC TYPE)
CN7	1-695-038-11 s	CONNECTOR ASSY, BNC 1P
CN9	1-794-097-22 s	CONNECTOR, ROUND TYPE
CN10	1-794-097-22 s	CONNECTOR, ROUND TYPE
CN011	1-764-243-31 o	CONNECTOR (COAXIAL)
CN012	1-695-038-11 s	CONNECTOR ASSY, BNC 1P
E1	1-535-877-22 s	CHIP, CHECKER
FB12	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
FB13	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
FB14	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
FB15	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
FB16	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
FB17	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
FB18	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
FB21	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
FB22	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
FB25	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
L1	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L2	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L007	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L008	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
Q1	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q2	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q005	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q006	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q007	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q008	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q009	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR

CN-3556 BOARD

Ref. No. or Q'ty	Part No.	SP Description
Q010	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q011	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q012	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q013	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
R3	1-208-867-81 s	RES, CHIP 150 (1005)
R4	1-208-863-81 s	RES, CHIP 100 (1005)
R5	1-208-903-81 s	RES, CHIP 4.7K (1005)
R6	1-208-863-81 s	RES, CHIP 100 (1005)
R7	1-208-899-81 s	RES, CHIP 3.3K (1005)
R8	1-208-899-81 s	RES, CHIP 3.3K (1005)
R9	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R019	1-208-927-81 s	RES, CHIP 47K (1005)
R020	1-208-911-81 s	RES, CHIP 10K (1005)
R021	1-208-863-81 s	RES, CHIP 100 (1005)
R022	1-208-903-81 s	RES, CHIP 4.7K (1005)
R023	1-208-899-81 s	RES, CHIP 3.3K (1005)
R024	1-208-911-81 s	RES, CHIP 10K (1005)
R025	1-208-911-81 s	RES, CHIP 10K (1005)
R026	1-208-863-81 s	RES, CHIP 100 (1005)
R027	1-208-903-81 s	RES, CHIP 4.7K (1005)
R028	1-208-899-81 s	RES, CHIP 3.3K (1005)
R029	1-208-911-81 s	RES, CHIP 10K (1005)
R030	1-208-863-81 s	RES, CHIP 100 (1005)
R031	1-208-863-81 s	RES, CHIP 100 (1005)
R032	1-208-899-81 s	RES, CHIP 3.3K (1005)
R033	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R034	1-208-867-81 s	RES, CHIP 150 (1005)
R035	1-208-867-81 s	RES, CHIP 150 (1005)
R036	1-208-867-81 s	RES, CHIP 150 (1005)
R037	1-208-867-81 s	RES, CHIP 150 (1005)
R038	1-208-867-81 s	RES, CHIP 150 (1005)

CN-3582 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1903-384-A s	MOUNTED CIRCUIT BOARD, CN-3582
C1	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C2	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C3	1-112-780-11 s	CAP, CERAMIC 0.47MF X7R 1608
C4	1-112-780-11 s	CAP, CERAMIC 0.47MF X7R 1608
C5	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C6	1-112-780-11 s	CAP, CERAMIC 0.47MF X7R 1608
CN1	1-573-566-11 s	CONNECTOR, D-SUB (ANGLE TYPE) 9P
CN2	1-778-646-31 s	CONNECTOR, FFC/FPC (ZIF) ST 10P
FB1	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB2	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FL1	1-239-896-31 s	FILTER, EMI (SMD)
FL2	1-239-896-31 s	FILTER, EMI (SMD)
IC1	6-705-514-01 s	IC MAX3222IPWR

CN-3583 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1903-385-A s	MOUNTED CIRCUIT BOARD, CN-3583

CN-3583 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C1	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C2	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C3	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
CN1	1-817-940-11 s	CONNECTOR, ROUND TYPE 5P
CN2	1-770-625-21 s	PIN, CONNECTOR 8P
FB1	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB2	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
FB3	1-414-445-21 s	FERRITE, EMI (SMD) (1608)
L1	1-457-165-21 s	COMMON MODE CHOKE COIL

CN-3584 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1903-386-A s	MOUNTED CIRCUIT BOARD, CN-3584
C1	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C2	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
CN1	1-770-625-21 s	PIN, CONNECTOR 8P
CN2	1-766-696-11 o	CONNECTOR, ROUND TYPE 8P
FB1	1-234-518-21 s	ARRAY, FERRITE CHIP
FB2	1-400-832-21 s	SMD EMI FERRITE
FB3	1-400-832-21 s	SMD EMI FERRITE
FB4	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB5	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB6	1-469-094-21 s	FERRITE, EMI (SMD) (1608)

DPR-337F BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1901-731-A s	MOUNTED CIRCUIT BOARD, DPR-337F
4pcs	3-364-941-01 s	SCREW (+B) (2.6X5), NYLON
C2	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B (3225)
C3	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C4	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C18	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C19	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C20	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B (3225)
C21	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B (3225)
C22	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C23	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C24	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C25	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C27	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C28	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C29	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C30	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C31	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C32	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C33	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C34	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C35	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C36	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C37	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C38	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C100	1-100-591-91 s	CAP, CHIP CERAMIC 1MF B 2012
C101	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

DPR-337F BOARD

Ref. No. or Q'ty	Part No.	SP Description
C102	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C103	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C104	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C105	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C106	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C107	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C108	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C109	1-100-591-91 s	CAP, CHIP CERAMIC 1MF B 2012
C110	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C111	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C112	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C113	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C114	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C115	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C116	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C117	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C118	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C120	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C121	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C122	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C123	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C124	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C125	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C126	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C127	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C128	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
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	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C133	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C134	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C135	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C136	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C137	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C138	1-100-756-91 s	CAP,CHIPCERAMIC 47000PF B 1608
C139	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C141	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C142	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C143	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C144	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C145	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C146	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C147	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C148	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C149	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C150	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
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	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C157	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C158	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C159	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
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	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C163	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C164	1-100-591-91 s	CAP, CHIP CERAMIC 1MF B 2012
C165	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C166	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C167	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C168	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

DPR-337F BOARD

Ref. No. or Q'ty	Part No.	SP Description
C169	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C170	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C171	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C172	1-165-585-21 s	CAP, CHIP ELECT 47MF
C173	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C174	1-165-585-21 s	CAP, CHIP ELECT 47MF
C178	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C179	1-165-585-21 s	CAP, CHIP ELECT 47MF
C180	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C181	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C182	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C184	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C185	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C186	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C187	1-126-402-21 s	CAP, CHIP ELECT 2.2MF (4X5.7)
C188	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C189	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C190	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C191	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C192	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C193	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C195	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C196	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C197	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C198	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C199	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C200	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C201	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C202	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C203	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C204	1-100-591-91 s	CAP, CHIP CERAMIC 1MF B 2012
C205	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C206	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C207	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C208	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C209	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C210	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C211	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C212	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C213	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C214	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C216	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C217	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C218	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C219	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C220	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C221	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C222	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C223	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C224	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C225	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C226	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C227	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C229	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C230	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C231	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C232	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C233	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C234	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C235	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C236	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C237	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C238	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C239	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C240	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

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Ref. No. or Q'ty	Part No.	SP Description
C241	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C242	1-100-756-91 s	CAP,CHIPCERAMIC 47000PF B 1608
C244	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C245	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C246	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C247	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C248	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C249	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C250	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C251	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C252	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C253	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C255	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C257	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C259	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C260	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C261	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C262	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C264	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C266	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C270	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C276	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C278	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C280	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C283	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C285	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C286	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C289	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C290	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C292	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C294	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C295	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C296	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C297	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C298	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C299	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C300	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C303	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C304	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C305	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C306	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
C312	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C313	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C314	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C315	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C316	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C317	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C318	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C319	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C320	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C321	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C322	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C323	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C324	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C325	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C326	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C327	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C328	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C329	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C330	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C331	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C332	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C333	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C334	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

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C335	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C338	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C339	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C340	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C455	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C456	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C457	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C458	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C459	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C460	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C461	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C462	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C463	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C464	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C465	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C466	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C467	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C468	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C469	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C470	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C471	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C472	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C473	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C474	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C476	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C477	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C478	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C479	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C480	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C481	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C482	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C483	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C484	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C485	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C486	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C487	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C490	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C491	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C493	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C496	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C497	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C500	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C501	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	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C507	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
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
C514	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C515	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C516	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C517	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C518	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C519	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C520	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C521	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C522	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C523	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C524	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C525	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C526	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C527	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C528	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

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C949	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C950	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C951	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C952	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C953	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C954	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C955	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C956	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C957	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C958	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C959	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C960	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1000	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1001	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1002	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1003	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1004	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1005	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C1006	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1007	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C1008	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1009	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1010	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1011	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1012	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1013	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1014	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1015	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1016	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1017	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1018	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1019	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1020	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1021	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1022	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C1023	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C1024	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C1025	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C1026	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C1027	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C1028	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C1029	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C1030	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1101	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005
C1102	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1103	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1104	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1105	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1106	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1107	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C1108	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C1109	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C1110	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C1111	1-164-848-81 s	CAP, CHIP CERAMIC 8PF CH 1005
C1113	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C1114	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1115	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1116	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1117	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1118	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1119	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1120	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1121	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1122	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1123	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)

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C1124	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1125	1-127-954-21 s	CAP, CHIP FILM 0.047MF (3216)
C1126	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1127	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1129	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1130	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1131	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1132	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1133	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1135	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1136	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1137	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1138	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1139	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1140	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1141	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1144	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1150	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1151	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1152	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1153	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1154	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1155	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1156	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1157	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1158	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1159	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1160	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1161	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1162	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1163	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1174	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1179	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1180	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1181	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C1182	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C1183	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1184	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1185	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005
C1186	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1187	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1188	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C1189	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C1190	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1191	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C1192	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C1193	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1194	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C1195	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C1196	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1197	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1198	1-164-842-81 s	CAP,CHIP CERAMIC 2.0PF CK 1005
C1199	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005
C1200	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C1201	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C1202	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1203	1-164-848-81 s	CAP, CHIP CERAMIC 8PF CH 1005
C1204	1-164-848-81 s	CAP, CHIP CERAMIC 8PF CH 1005
C1205	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C1206	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C1207	1-164-848-81 s	CAP, CHIP CERAMIC 8PF CH 1005
C1208	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1209	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1210	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1211	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

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Ref. No. or Q'ty	Part No.	SP Description
C1212	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1213	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1214	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C1215	1-164-848-81 s	CAP, CHIP CERAMIC 8PF CH 1005
C1216	1-112-746-91 s	CAP, CERAMIC 4.7MF B (1608)
C1300	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1303	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1306	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1307	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1308	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1309	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1310	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1320	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1321	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1322	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C1323	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C1324	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C1325	1-164-839-81 s	CAP,CHIP CERAMIC 0.5PF CK 1005
C1326	1-164-846-81 s	CAP, CHIP CERAMIC 6PF CH 1005
C1327	1-164-839-81 s	CAP,CHIP CERAMIC 0.5PF CK 1005
C1328	1-164-846-81 s	CAP, CHIP CERAMIC 6PF CH 1005
C1329	1-164-839-81 s	CAP,CHIP CERAMIC 0.5PF CK 1005
C1330	1-164-846-81 s	CAP, CHIP CERAMIC 6PF CH 1005
C1331	1-164-852-81 s	CAP, CHIP CERAMIC 12PF CH 1005
C1332	1-164-852-81 s	CAP, CHIP CERAMIC 12PF CH 1005
C1333	1-164-852-81 s	CAP, CHIP CERAMIC 12PF CH 1005
C1338	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1340	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1342	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1343	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1344	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1345	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1346	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1347	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1348	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1349	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1350	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1351	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1352	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1353	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1356	1-164-844-81 s	CAP, CHIP CERAMIC 4PF CH 1005
C1362	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1363	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1364	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1365	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1366	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1367	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1372	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1373	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1374	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C1375	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1376	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1377	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1378	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1379	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1380	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C1381	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C1382	1-164-839-81 s	CAP,CHIP CERAMIC 0.5PF CK 1005
C1383	1-164-847-81 s	CAP, CHIP CERAMIC 7PF CH 1005
C1384	1-164-839-81 s	CAP,CHIP CERAMIC 0.5PF CK 1005
C1385	1-164-847-81 s	CAP, CHIP CERAMIC 7PF CH 1005
C1386	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C1387	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C1388	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1389	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)

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C1390	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1391	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1392	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1393	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1394	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1395	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1400	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1501	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C1502	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C1503	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1504	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1505	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1506	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1507	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C1508	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C1509	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1510	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1546	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C1547	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C1548	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1549	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1550	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C1551	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C1552	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1553	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1801	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1802	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1803	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1804	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1805	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1806	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1807	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1808	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1809	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1810	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1811	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1812	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C1813	1-208-863-81 s	RES, CHIP 100 (1005)
C1814	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1815	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1816	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C1817	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1818	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1819	1-126-402-21 s	CAP, CHIP ELECT 2.2MF (4X5.7)
C1820	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1821	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C1822	1-114-582-91 s	CAP, CHIPCERAMIC 2200PF B 1005
C1823	1-164-939-81 s	CAP, CHIPCERAMIC 2200PF B 1005
C1824	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1825	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1826	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C1829	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1830	1-126-402-21 s	CAP, CHIP ELECT 2.2MF (4X5.7)
C1831	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1833	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1834	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1835	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1836	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1839	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1840	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1842	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1843	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1844	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1846	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1849	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005

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C1850	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1853	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1854	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1855	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C1856	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1857	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1859	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1860	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1862	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1863	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1864	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1865	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C1866	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1867	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1868	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1869	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1871	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1875	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1880	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1881	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1882	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C1883	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C1885	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C1887	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C1888	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C1890	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1891	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1894	1-107-781-21 s	CAP, ELECT 47MF
C1895	1-107-781-21 s	CAP, ELECT 47MF
C1899	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1900	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1905	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1907	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1909	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C1910	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1911	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1916	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C1918	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1919	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1920	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1921	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1922	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1923	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1924	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1925	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1926	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1927	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C1928	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1929	1-164-939-81 s	CAP, CHIP CERAMIC 2200PF B 1005
C1930	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1931	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1932	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1933	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C1934	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1935	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1936	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1937	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1938	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1939	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1940	1-126-402-21 s	CAP, CHIP ELECT 2.2MF (4X5.7)
C1941	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1942	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1943	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1944	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1945	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)

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C1946	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C1947	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1948	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1949	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1950	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1951	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1952	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1953	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1954	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1955	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1956	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1957	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C1958	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C1959	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1960	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1961	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1962	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1963	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1964	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1965	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1966	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1967	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1968	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1969	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1970	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C1971	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1972	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1973	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C1974	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C1975	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1976	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1977	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1978	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C1979	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1980	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1981	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1982	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1983	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1984	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1985	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C1986	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C1987	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1988	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1989	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1990	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C1991	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C1992	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C1993	1-107-781-21 s	CAP, ELECT 47MF
C1994	1-107-781-21 s	CAP, ELECT 47MF
C1995	1-107-781-21 s	CAP, ELECT 47MF
C1996	1-107-781-21 s	CAP, ELECT 47MF
C1997	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C1998	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C1999	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B (3225)
C2000	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B (3225)
C2001	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C2002	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C2003	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C2004	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C2005	1-117-713-21 s	CAP, CHIP ELECT 100MF
C2006	1-117-713-21 s	CAP, CHIP ELECT 100MF
C2007	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C2008	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C2009	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C2010	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225

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C2386	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2387	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2389	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2390	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C2391	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2392	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2501	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C2502	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C2503	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2504	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2505	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C2506	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C2507	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2508	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2509	1-164-866-81 s	CAP, CHIP CERAMIC 47PF CH 1005
C2510	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C2511	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C2512	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2514	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2515	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C2516	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C2517	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2518	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2519	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2520	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2521	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2530	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C2531	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C2532	1-164-934-81 s	CAP, CHIP CERAMIC 330PF B 1005
C2534	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C2536	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C2537	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C2541	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2542	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2544	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2545	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2546	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C2547	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2548	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2551	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C2553	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2555	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2556	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2557	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2558	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2559	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2560	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2561	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2562	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2563	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2564	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2565	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C2566	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C2567	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C2568	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2569	1-117-144-21 s	CAP, ELECT 0.47MF
C2570	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2571	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C2572	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C2573	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2574	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C2575	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2576	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2577	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2578	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

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Ref. No. or Q'ty	Part No.	SP Description
C2579	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C2580	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2581	1-126-394-21 s	CAP, CHIP ELECT 10MF (4X5.7)
C2582	1-164-845-81 s	CAP, CHIP CERAMIC 5PF CH 1005
C2583	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C2584	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C2585	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2586	1-164-878-81 s	CAP,CHIP CERAMIC 150PF CH 1005
C2587	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C2588	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2589	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2590	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2591	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2592	1-126-391-21 s	CAP, CHIP ELECT 47MF (5X5.7)
C2593	1-117-144-21 s	CAP, ELECT 0.47MF
C2594	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2595	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C2596	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C2597	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C2598	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2599	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2600	1-126-394-21 s	CAP, CHIP ELECT 10MF (4X5.7)
C2601	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2603	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2604	1-164-878-81 s	CAP,CHIP CERAMIC 150PF CH 1005
C2607	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2608	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2609	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2610	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2611	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2612	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2613	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2614	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C2615	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2618	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2619	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2620	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C2621	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2624	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2627	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2628	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2629	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C2630	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C2631	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C2632	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C2633	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2634	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C2635	1-127-956-21 s	CAP, CHIP FILM 0.1MF (3225)
C2636	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C2637	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2638	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C2639	1-100-159-91 s	CAP, CERAMIC 22MF B (SMD) 3216
C2640	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2641	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C2642	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C2643	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C2644	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2646	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C2655	1-112-815-91 s	CAP, CERAMIC 10MF C (1608)
C2658	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2659	1-112-914-11 s	CAP,NIOBIUM ELECT 10MF105 3216
C2813	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C2814	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C2815	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C2816	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005

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Ref. No. or Q'ty	Part No.	SP Description
C2817	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2818	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C2819	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C2820	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C2821	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C2822	1-112-015-91 s	CAP, CHIP CERAMIC 47MF B 3225
C2823	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2824	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C2837	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C2838	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C2839	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C2840	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C2841	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C2844	1-100-881-91 s	CAP, CERAMIC 47MF C (3216)
C2845	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C2846	1-164-858-81 s	CAP, CHIP CERAMIC 22PF CH 1005
C2847	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
C2848	1-164-936-81 s	CAP, CHIP CERAMIC 680PF B 1005
C2849	1-114-419-21 s	CAP, CERAMIC 10MF B (2012)
CN1	1-778-534-31 s	CONNECTOR, FFC/FPC(ZIF) ST 45P
CN2	1-778-534-31 s	CONNECTOR, FFC/FPC(ZIF) ST 45P
CN3	1-778-534-31 s	CONNECTOR, FFC/FPC(ZIF) ST 45P
CN4	1-778-646-31 s	CONNECTOR, FFC/FPC(ZIF) ST 10P
CN5	1-750-890-11 s	CONNECTOR,D-SUB (ANGLE TYPE)25P
CN101	1-785-728-21 s	PIN (PC BOARD), CONNECTOR 7P
CN102	1-784-254-21 s	CONNECTOR 10P
CN401	1-784-254-21 s	CONNECTOR 10P
CN402	1-778-534-31 s	CONNECTOR, FFC/FPC(ZIF) ST 45P
CN600	1-784-254-21 s	CONNECTOR 10P
CN801	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN802	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN803	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN804	1-793-324-11 o	CONNECTOR, COAXIAL (BNC TYPE)
CN901	1-785-946-21 s	CONNECTOR 3P
CN1000	1-819-696-21 s	CONNECTOR, HDMI
CN1100	1-778-534-31 s	CONNECTOR, FFC/FPC(ZIF) ST 45P
CN1501	1-794-822-11 s	CONNECTOR, COAXIAL (BNC TYPE)
CN2301	1-784-254-21 s	CONNECTOR 10P
CN2501	1-794-822-11 s	CONNECTOR, COAXIAL (BNC TYPE)
D100	8-719-083-60 s	DI UDZSUSTE-174.7B
D101	6-501-123-01 s	DIODE RB160M-60TR
D102	8-719-070-20 s	DIODE RB706F-40
D103	8-719-048-98 s	DIODE RB160L-40TE25
D104	6-501-123-01 s	DIODE RB160M-60TR
D105	8-719-083-60 s	DI UDZSUSTE-174.7B
D106	8-719-083-60 s	DI UDZSUSTE-174.7B
D107	8-719-083-60 s	DI UDZSUSTE-174.7B
D108	8-719-083-60 s	DI UDZSUSTE-174.7B
D112	8-719-070-20 s	DIODE RB706F-40
D113	8-719-048-98 s	DIODE RB160L-40TE25
D114	6-502-197-01 s	DI SML-D12M8WT86SM
D115	8-719-083-60 s	DI UDZSUSTE-174.7B
D400	8-719-077-09 s	DIODE CL-196HR-CD-T
D401	8-719-024-71 s	DIODE 1SS362-TE85L
D402	6-501-124-01 s	DIODE RSX101VA-30TR
D403	6-501-124-01 s	DIODE RSX101VA-30TR
D700	8-719-082-45 s	DIODE RB715W-TL
D701	8-719-077-09 s	DIODE CL-196HR-CD-T
D900	6-502-197-01 s	DI SML-D12M8WT86SM
D901	6-502-197-01 s	DI SML-D12M8WT86SM
D902	6-502-197-01 s	DI SML-D12M8WT86SM
D903	6-502-197-01 s	DI SML-D12M8WT86SM
D1803	8-719-024-71 s	DIODE 1SS362-TE85L
D1804	8-719-024-71 s	DIODE 1SS362-TE85L
D1805	8-719-024-71 s	DIODE 1SS362-TE85L

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Ref. No. or Q'ty	Part No.	SP Description
D1808	8-719-083-82 s	DI UDZSUSTE-1712B
D1809	8-719-083-82 s	DI UDZSUSTE-1712B
D1810	8-719-083-82 s	DI UDZSUSTE-1712B
D1811	8-719-083-82 s	DI UDZSUSTE-1712B
D2201	8-719-024-71 s	DIODE 1SS362-TE85L
D2202	8-719-024-71 s	DIODE 1SS362-TE85L
D2203	8-719-024-71 s	DIODE 1SS362-TE85L
D2302	8-719-024-71 s	DIODE 1SS362-TE85L
D2303	8-719-024-71 s	DIODE 1SS362-TE85L
D2503	8-719-024-71 s	DIODE 1SS362-TE85L
D2504	8-719-024-71 s	DIODE 1SS362-TE85L
D2505	8-719-024-71 s	DIODE 1SS362-TE85L
D2506	8-719-024-71 s	DIODE 1SS362-TE85L
D2508	8-719-024-71 s	DIODE 1SS362-TE85L
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
E107	1-535-877-22 s	CHIP, CHECKER
FB1	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB2	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB3	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB4	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB5	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB6	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB100	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB101	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB102	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB103	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB104	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB105	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB106	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB107	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB108	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB109	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB110	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB112	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB114	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB117	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB118	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB119	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB120	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB121	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB122	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB123	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB124	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB125	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB126	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB127	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB128	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB129	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB130	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB131	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB132	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB133	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB135	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB137	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB139	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB141	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB142	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB143	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB144	1-414-864-21 s	FERRITE, EMI (SMD) (1608)

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FB145	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB146	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB147	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB148	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB150	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB152	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB153	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB154	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB155	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB156	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB161	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB162	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB163	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB164	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB169	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB170	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB171	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB172	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB173	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB300	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB302	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)
FB417	1-400-833-21 s	SMD EMI FERRITE
FB418	1-400-833-21 s	SMD EMI FERRITE
FB419	1-400-833-21 s	SMD EMI FERRITE
FB420	1-400-833-21 s	SMD EMI FERRITE
FB422	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB423	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB424	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB425	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB426	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB435	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB436	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB600	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB601	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB602	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB604	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB800	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB801	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB802	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB803	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB804	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB805	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB806	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB807	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB808	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB809	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB810	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB811	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB812	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB813	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB814	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB815	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB816	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB817	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB818	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB900	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB901	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB902	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB1000	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB1001	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB1002	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB1003	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB1004	1-469-094-21 s	FERRITE, EMI (SMD) (1608)

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Ref. No. or Q'ty	Part No.	SP Description
FB1100	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB1101	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB1103	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB1104	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB1314	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB1316	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB1501	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB1502	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB2301	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB2501	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB2502	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB2503	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FL1102	1-200-152-11 s	FILTER (LPF)
FL1103	1-200-153-11 s	FILTER (EQ1)
FL1104	1-200-154-11 s	FILTER (EQ2)
FL1105	1-200-152-11 s	FILTER (LPF)
FL1106	1-200-153-11 s	FILTER (EQ1)
FL1107	1-200-154-11 s	FILTER (EQ2)
FL1300	1-813-544-11 s	FILTER, LOW PASS
FL1301	1-813-544-11 s	FILTER, LOW PASS
FL1302	1-813-544-11 s	FILTER, LOW PASS
IC2	8-759-592-49 s	IC TC7SZ125FU (TE85R)
IC3	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC100	8-759-338-95 s	IC NJM2903V (TE2)
IC101	6-706-482-01 s	IC TC7SH00FU
IC102	6-706-482-01 s	IC TC7SH00FU
IC103	6-705-481-01 s	IC LT1931ES5#TR
IC104	6-712-135-01 o	IC R1173H001D-T1-FE
IC105	6-713-169-01 s	IC LTC3412AEFE#TR
IC106	6-701-549-01 s	IC LTC1778EGN
IC107	6-712-135-01 o	IC R1173H001D-T1-FE
IC108	6-712-135-01 o	IC R1173H001D-T1-FE
IC109	6-705-481-01 s	IC LT1931ES5#TR
IC110	6-704-976-01 s	IC ADR381ARTZ-REEL7
IC111	8-759-278-58 s	IC NJM4558V-TE2
IC112	6-706-482-01 s	IC TC7SH00FU
IC113	6-712-135-01 o	IC R1173H001D-T1-FE
IC114	8-759-278-58 s	IC NJM4558V-TE2
IC115	6-706-482-01 s	IC TC7SH00FU
IC116	8-759-338-95 s	IC NJM2903V (TE2)
IC121	6-701-549-01 s	IC LTC1778EGN
IC124	6-713-169-01 s	IC LTC3412AEFE#TR
IC125	6-706-482-01 s	IC TC7SH00FU
IC127	6-713-169-01 s	IC LTC3412AEFE#TR
IC129	6-706-220-01 s	IC LTC3411EMS#TR
IC300	6-711-237-01 s	IC NJM2878F3-33 (TE2)
IC301	6-702-879-01 s	IC R3112N281A-TR-FE
IC302	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC304	6-708-277-01 s	IC CDCVF25081PWR
IC305	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC306	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC307	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC308	6-707-875-01 s	IC TC74VHC245FT (EKJ)
IC309	6-710-018-01 s	IC CAT24C02WI-GT3
IC310	6-706-487-01 s	IC TC7SH08FU
IC311	6-707-845-01 s	IC TC74LCX138FT (EKJ)
IC312	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC313	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC314	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC315	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC316	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC317	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC318	8-759-592-47 s	IC TC7SZ08FU (TE85R)
IC319	6-708-277-01 s	IC CDCVF25081PWR
IC320	6-708-277-01 s	IC CDCVF25081PWR

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Ref. No. or Q'ty	Part No.	SP Description
IC321	8-759-656-54 s	IC TC7WH14FK
IC322	6-711-237-01 s	IC NJM2878F3-33 (TE2)
IC407	8-759-592-47 s	IC TC7S208FU (TE85R)
IC408	8-759-592-44 s	IC TC7S204FU (TE85R)
IC409	8-759-592-44 s	IC TC7S204FU (TE85R)
IC410	6-711-485-01 s	IC TC74VCX125FK (EL)
IC411	6-711-485-01 s	IC TC74VCX125FK (EL)
IC412	6-711-485-01 s	IC TC74VCX125FK (EL)
IC413	8-759-592-47 s	IC TC7S208FU (TE85R)
IC415	6-706-484-01 s	IC TC7SH04FU
IC416	6-700-655-01 s	IC LT1963ES8#TR
IC417	6-712-135-01 o	IC R1173H001D-T1-FE
IC419	6-707-856-01 s	IC TC74LCX74FT (EKJ)
IC420	6-707-877-01 s	IC TC74VHC32FT (EKJ)
IC423	8-759-592-47 s	IC TC7S208FU (TE85R)
IC602	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC611	6-713-821-01 s	IC EPCS16SI8N (AMK)
IC613	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC614	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC622	8-759-672-76 s	IC AK9813BF-E2
IC628	8-759-592-47 s	IC TC7S208FU (TE85R)
IC629	8-759-346-27 s	IC LM45BIM3X
IC630	8-759-592-44 s	IC TC7S204FU (TE85R)
IC631	6-711-485-01 s	IC TC74VCX125FK (EL)
IC701	6-714-534-01 s	IC W9864G2IH-6-ER10
IC702	6-714-534-01 s	IC W9864G2IH-6-ER10
IC703	8-759-592-47 s	IC TC7S208FU (TE85R)
IC704	6-714-534-01 s	IC W9864G2IH-6-ER10
IC705	6-714-534-01 s	IC W9864G2IH-6-ER10
IC723	6-707-863-01 s	IC TC74VHC08FT (EKJ)
IC800	6-706-484-01 s	IC TC7SH04FU
IC801	8-759-592-49 s	IC TC7S2125FU (TE85R)
IC802	6-706-484-01 s	IC TC7SH04FU
IC803	8-759-592-49 s	IC TC7S2125FU (TE85R)
IC804	6-711-237-01 s	IC NJM2878F3-33 (TE2)
IC805	6-711-237-01 s	IC NJM2878F3-33 (TE2)
IC806	8-759-592-49 s	IC TC7S2125FU (TE85R)
IC807	8-759-592-49 s	IC TC7S2125FU (TE85R)
IC808	6-712-135-01 o	IC R1173H001D-T1-FE
IC811	6-712-135-01 o	IC R1173H001D-T1-FE
IC906	6-706-949-01 s	IC IDT71V416S12PHG-TL
IC907	6-714-365-01 s	IC MX29LV640EBTI-70G
IC910	6-713-821-01 s	IC EPCS16SI8N (AMK)
IC911	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC914	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC915	8-759-592-47 s	IC TC7S208FU (TE85R)
IC916	8-759-592-47 s	IC TC7S208FU (TE85R)
IC917	8-759-592-44 s	IC TC7S204FU (TE85R)
IC918	6-711-485-01 s	IC TC74VCX125FK (EL)
IC1001	6-712-135-01 o	IC R1173H001D-T1-FE
IC1002	6-712-135-01 o	IC R1173H001D-T1-FE
IC1100	6-706-358-01 s	IC AD5424YCPZ-REEL7
IC1101	6-707-556-01 s	IC CXD9184R
IC1102	6-704-489-01 s	IC AD9283BRSZ-RL80
IC1104	6-706-478-01 s	IC TC7SET08FU
IC1106	6-706-471-01 s	IC THS5661AIPWR
IC1107	6-706-471-01 s	IC THS5661AIPWR
IC1109	6-707-839-01 s	IC TC74LCX04FT (EKJ)
IC1110	6-707-855-01 s	IC TC74LCX574FT (EKJ)
IC1111	6-707-855-01 s	IC TC74LCX574FT (EKJ)
IC1112	6-707-855-01 s	IC TC74LCX574FT (EKJ)
IC1113	6-706-484-01 s	IC TC7SH04FU
IC1116	8-759-669-66 s	IC TLC272CPWR-12
IC1117	6-706-482-01 s	IC TC7SH00FU
IC1131	8-759-561-46 s	IC AD8014ARTZ-REEL7

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Ref. No. or Q'ty	Part No.	SP Description
IC1132	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC1133	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC1134	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC1137	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC1138	8-759-592-47 s	IC TC7S208FU (TE85R)
IC1301	8-759-645-13 s	IC ADV7123KSTZ140
IC1302	6-706-478-01 s	IC TC7SET08FU
IC1303	6-706-478-01 s	IC TC7SET08FU
IC1305	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC1306	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC1309	6-707-997-01 s	IC ADV7320KSTZ
IC1310	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC1311	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC1315	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC1801	6-711-237-01 s	IC NJM2878F3-33 (TE2)
IC1802	6-711-237-01 s	IC NJM2878F3-33 (TE2)
IC1803	6-706-906-01 s	IC NJM2732RB1 (TE2)
IC1804	6-700-563-01 s	IC AK4552VT-E2
IC1805	6-707-884-01 s	IC TC74VHCT04AFT (EKJ)
IC1809	6-706-906-01 s	IC NJM2732RB1 (TE2)
IC1810	6-706-906-01 s	IC NJM2732RB1 (TE2)
IC1811	8-759-278-58 s	IC NJM4558V-TE2
IC1812	8-759-675-54 s	IC TC7W53FK (TE85R)
IC1815	6-700-563-01 s	IC AK4552VT-E2
IC1816	6-706-906-01 s	IC NJM2732RB1 (TE2)
IC1817	8-759-356-17 s	IC NJM4556AM-A-TE2
IC1818	6-706-906-01 s	IC NJM2732RB1 (TE2)
IC1819	6-706-906-01 s	IC NJM2732RB1 (TE2)
IC1820	6-700-563-01 s	IC AK4552VT-E2
IC1821	8-759-675-54 s	IC TC7W53FK (TE85R)
IC1822	8-759-278-58 s	IC NJM4558V-TE2
IC1823	8-759-278-58 s	IC NJM4558V-TE2
IC1824	8-759-356-17 s	IC NJM4556AM-A-TE2
IC1825	8-759-530-05 s	IC TC4053BFT (EL,N)
IC1826	8-759-422-21 s	IC NJM4580V (TE2)
IC1827	8-759-675-54 s	IC TC7W53FK (TE85R)
IC1828	8-759-278-58 s	IC NJM4558V-TE2
IC1829	8-759-356-17 s	IC NJM4556AM-A-TE2
IC1830	8-759-530-05 s	IC TC4053BFT (EL,N)
IC1831	8-759-422-21 s	IC NJM4580V (TE2)
IC1832	6-706-484-01 s	IC TC7SH04FU
IC2201	6-701-111-01 s	IC AK4382AVT-E2
IC2202	8-759-278-58 s	IC NJM4558V-TE2
IC2203	8-759-675-54 s	IC TC7W53FK (TE85R)
IC2204	8-759-675-54 s	IC TC7W53FK (TE85R)
IC2205	8-759-422-21 s	IC NJM4580V (TE2)
IC2206	8-759-422-21 s	IC NJM4580V (TE2)
IC2301	6-713-829-01 s	IC EPCS4SI8N (11)
IC2302	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC2303	6-707-843-01 s	IC TC74LCX125FT (EKJ)
IC2304	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC2306	6-707-842-01 s	IC TC74LCX08FT (EKJ)
IC2307	6-706-906-01 s	IC NJM2732RB1 (TE2)
IC2308	6-712-382-01 s	IC TC74VHC4053AFT (EK)
IC2309	6-712-382-01 s	IC TC74VHC4053AFT (EK)
IC2310	8-759-248-78 s	IC MB88102PFV-G-BND-ER
IC2311	8-759-669-66 s	IC TLC272CPWR-12
IC2312	8-759-485-24 s	IC MC74HC4046ADTR2
IC2313	8-759-592-42 s	IC TC7S200FU (TE85R)
IC2314	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC2315	6-706-488-01 s	IC TC7SH14FU
IC2316	6-706-488-01 s	IC TC7SH14FU
IC2317	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC2318	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC2319	6-707-850-01 s	IC TC74LCX245FT (EKJ)

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IC2320	6-707-850-01 s	IC TC74LCX245FT (EKJ)
IC2322	8-759-592-49 s	IC TC7SZ125FU (TE85R)
IC2323	8-759-592-44 s	IC TC7SZ04FU (TE85R)
IC2324	6-711-485-01 s	IC TC74VCX125FK (EL)
IC2501	8-759-561-46 s	IC AD8014ARTZ-REEL7
IC2504	6-707-884-01 s	IC TC74VHCT04AFT (EKJ)
IC2505	8-759-327-14 s	IC TL712CPSR
IC2506	8-759-592-42 s	IC TC7SZ00FU (TE85R)
IC2507	8-759-523-02 s	IC TC74HC4053AFT (EL)
IC2508	8-759-669-66 s	IC TLC272CPWR-12
IC2509	8-759-327-14 s	IC TL712CPSR
IC2514	8-759-675-54 s	IC TC7W53FK (TE85R)
IC2515	8-759-669-66 s	IC TLC272CPWR-12
IC2516	8-759-327-14 s	IC TL712CPSR
IC2517	6-708-346-01 s	IC DAC7512N
IC2518	8-759-523-04 s	IC TC74HC4538AFT (EL)
IC2519	8-759-287-55 s	IC TC7S66FU (TE85R)
IC2520	8-759-287-55 s	IC TC7S66FU (TE85R)
IC2521	6-700-186-01 s	IC GS4981ITA
IC2522	6-708-346-01 s	IC DAC7512N
IC2523	8-759-669-66 s	IC TLC272CPWR-12
IC2524	8-759-523-04 s	IC TC74HC4538AFT (EL)
IC2525	8-759-669-41 s	IC SN74LVC125APWR-12
IC2526	6-706-478-01 s	IC TC7SET08FU
IC2527	8-759-485-24 s	IC MC74HC4046ADTR2
IC2529	8-759-675-54 s	IC TC7W53FK (TE85R)
IC2530	8-759-669-66 s	IC TLC272CPWR-12
IC2533	6-715-035-01 s	IC TC7SZ02FU, RSONYJ
IC2537	6-706-478-01 s	IC TC7SET08FU
IC2538	8-759-669-41 s	IC SN74LVC125APWR-12
IC2539	8-759-485-24 s	IC MC74HC4046ADTR2
IC2540	8-759-675-54 s	IC TC7W53FK (TE85R)
IC2541	8-759-675-54 s	IC TC7W53FK (TE85R)
IC2542	6-706-481-01 s	IC TC7SET32FU
IC2543	8-759-669-66 s	IC TLC272CPWR-12
IC2544	6-715-035-01 s	IC TC7SZ02FU, RSONYJ
L7	1-457-217-21 o	COMMON MODE CHOKE COIL
L8	1-457-217-21 o	COMMON MODE CHOKE COIL
L9	1-457-217-21 o	COMMON MODE CHOKE COIL
L100	1-416-344-21 s	COIL, CHOKE 10UH
L101	1-416-344-21 s	COIL, CHOKE 10UH
L102	1-416-344-21 s	COIL, CHOKE 10UH
L103	1-481-180-21 s	INDUCTOR 10UH
L104	1-416-344-21 s	COIL, CHOKE 10UH
L105	1-416-344-21 s	COIL, CHOKE 10UH
L108	1-481-180-21 s	INDUCTOR 10UH
L109	1-419-630-21 s	COIL, CHOKE 4.7UH
L110	1-419-630-21 s	COIL, CHOKE 4.7UH
L112	1-457-372-21 s	COIL, CHOKE 1UH
L115	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L117	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L118	1-457-372-21 s	COIL, CHOKE 1UH
L409	1-414-396-41 s	INDUCTOR (SMD) 4.7UH
L410	1-414-396-41 s	INDUCTOR (SMD) 4.7UH
L411	1-414-396-41 s	INDUCTOR (SMD) 4.7UH
L600	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L601	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L602	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L603	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L604	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L605	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L606	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L700	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L701	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L702	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)

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L703	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L704	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L705	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L706	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L707	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L708	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L709	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L802	1-414-459-21 s	INDUCTOR, CHIP (S) 4.7NH
L803	1-414-459-21 s	INDUCTOR, CHIP (S) 4.7NH
L804	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L805	1-414-459-21 s	INDUCTOR, CHIP (S) 4.7NH
L806	1-414-459-21 s	INDUCTOR, CHIP (S) 4.7NH
L807	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L900	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L901	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L902	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L903	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L904	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L905	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L1000	1-813-308-11 o	COMMON MODE CHOKE
L1001	1-813-308-11 o	COMMON MODE CHOKE
L1002	1-813-308-11 o	COMMON MODE CHOKE
L1003	1-813-308-11 o	COMMON MODE CHOKE
L1004	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1101	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1102	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1103	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1104	1-412-987-41 s	INDUCTOR, SMALL TYPE 4.7UH
L1105	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1107	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1108	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1109	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1112	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1113	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1114	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1115	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1116	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1117	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1118	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1119	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1120	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1121	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1122	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1302	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1304	1-412-979-41 s	INDUCTOR, SMALL TYPE 1.0UH
L1305	1-412-979-41 s	INDUCTOR, SMALL TYPE 1.0UH
L1306	1-412-979-41 s	INDUCTOR, SMALL TYPE 1.0UH
L1307	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1308	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1309	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1310	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1311	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1312	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1313	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1314	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1317	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1318	1-412-987-41 s	INDUCTOR, SMALL TYPE 4.7UH
L1319	1-412-987-41 s	INDUCTOR, SMALL TYPE 4.7UH
L1320	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1321	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1322	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1323	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1325	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1501	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1502	1-414-398-41 s	INDUCTOR (SMD) 10.0UH

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L1503	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1504	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1507	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1508	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1509	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1510	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1801	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1802	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1803	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1804	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1805	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1806	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L1807	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2201	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2301	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2302	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2303	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L2304	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L2305	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L2306	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2307	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2308	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
L2309	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2501	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2502	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2503	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2504	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2505	1-414-396-41 s	INDUCTOR (SMD) 4.7UH
L2506	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2507	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2508	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2509	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2513	1-414-396-41 s	INDUCTOR (SMD) 4.7UH
L2514	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2515	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2516	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2517	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2518	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2519	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2520	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2521	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2522	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2523	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2524	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2525	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2526	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2527	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2528	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2529	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2530	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2531	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2535	1-414-398-41 s	INDUCTOR (SMD) 10.0UH
L2540	1-469-549-21 s	INDUCTOR, CHIP 1.0UH (LB2016)
Q15	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q16	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q17	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q100	8-729-054-35 s	TRANSISTOR HAT2070R-EL
Q101	8-729-054-35 s	TRANSISTOR HAT2070R-EL
Q102	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q103	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q104	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q105	8-729-054-35 s	TRANSISTOR HAT2070R-EL
Q106	8-729-054-35 s	TRANSISTOR HAT2070R-EL
Q107	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q

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Ref. No. or Q'ty	Part No.	SP Description
Q109	6-550-632-01 s	TRANSISTOR 2SC4672-T100-Q
Q110	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q111	6-550-631-01 s	TRANSISTOR 2SA1797-T100-Q
Q112	6-550-632-01 s	TRANSISTOR 2SC4672-T100-Q
Q113	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q114	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q115	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q116	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q117	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q118	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q119	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q120	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q121	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q122	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q123	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q124	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q400	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q401	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q700	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1102	8-729-117-76 s	TRANSISTOR 2SC4178-T1F14
Q1103	8-729-117-76 s	TRANSISTOR 2SC4178-T1F14
Q1104	8-729-142-11 s	TRANSISTOR 2SA1226-T1E3E4
Q1105	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1106	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1107	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1108	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1300	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q1301	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q1302	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q1303	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q1501	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q1502	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1503	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q1504	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1505	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1506	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q1507	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1508	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1509	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1546	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1547	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1589	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1590	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1803	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q1804	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q1807	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1808	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1809	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1810	8-729-928-91 s	TRANSISTOR DTC114EE-TL
Q1811	8-729-928-91 s	TRANSISTOR DTC114EE-TL
Q1814	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q1815	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q1816	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q1817	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q1818	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1819	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1820	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1821	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1822	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1823	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1824	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1825	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q1826	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q1827	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1828	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR

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Ref. No. or Q'ty	Part No.	SP Description
Q1829	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1830	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1831	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1832	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1833	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1834	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1835	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q1836	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q1837	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q1838	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q1839	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q1840	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q1841	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q1842	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q1843	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q1844	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q1846	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1849	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1850	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1851	8-729-928-91 s	TRANSISTOR DTC114EE-TL
Q1852	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q1853	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q1854	8-729-928-91 s	TRANSISTOR DTC114EE-TL
Q1855	6-551-294-01 s	TRANSISTOR MCH6606-TL-E
Q1856	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q1857	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q1858	6-551-294-01 s	TRANSISTOR MCH6606-TL-E
Q1859	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q1860	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q2201	8-729-928-91 s	TRANSISTOR DTC114EE-TL
Q2202	8-729-928-91 s	TRANSISTOR DTC114EE-TL
Q2203	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q2204	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q2205	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q2206	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q2207	8-729-013-37 s	TRANSISTOR 2SC4213-AB-TE85L
Q2208	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q2209	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q2210	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q2211	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q2212	8-729-928-28 s	TRANSISTOR DTA144EE-TL
Q2301	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q2501	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q2502	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q2503	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q2504	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q2506	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q2507	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q2508	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q2509	8-729-142-11 s	TRANSISTOR 2SA1226-T1E3E4
Q2510	8-729-142-11 s	TRANSISTOR 2SA1226-T1E3E4
Q2511	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
Q2512	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR
R1	1-220-878-81 s	RES, CHIP 22 (1005)
R39	1-208-863-81 s	RES, CHIP 100 (1005)
R40	1-220-870-81 s	RES, CHIP 10 (1005)
R41	1-220-870-81 s	RES, CHIP 10 (1005)
R42	1-208-895-81 s	RES, CHIP 2.2K (1005)
R43	1-208-911-81 s	RES, CHIP 10K (1005)
R44	1-220-878-81 s	RES, CHIP 22 (1005)
R48	1-220-878-81 s	RES, CHIP 22 (1005)
R100	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R101	1-208-911-81 s	RES, CHIP 10K (1005)
R102	1-208-863-81 s	RES, CHIP 100 (1005)
R104	1-208-911-81 s	RES, CHIP 10K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R105	1-208-919-81 s	RES, CHIP 22K (1005)
R106	1-208-951-81 s	RES, CHIP 470K (1005)
R107	1-208-935-81 s	RES, CHIP 100K (1005)
R108	1-208-911-81 s	RES, CHIP 10K (1005)
R109	1-208-919-81 s	RES, CHIP 22K (1005)
R110	1-208-919-81 s	RES, CHIP 22K (1005)
R111	1-208-919-81 s	RES, CHIP 22K (1005)
R112	1-208-919-81 s	RES, CHIP 22K (1005)
R113	1-208-899-81 s	RES, CHIP 3.3K (1005)
R114	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R115	1-208-919-81 s	RES, CHIP 22K (1005)
R116	1-243-975-81 s	RES, CHIP 4.7M (1005)
R117	1-208-911-81 s	RES, CHIP 10K (1005)
R118	1-243-975-81 s	RES, CHIP 4.7M (1005)
R119	1-208-919-81 s	RES, CHIP 22K (1005)
R120	1-208-887-81 s	RES, CHIP 1.0K (1005)
R121	1-208-911-81 s	RES, CHIP 10K (1005)
R122	1-208-943-81 s	RES, CHIP 220K (1005)
R123	1-208-911-81 s	RES, CHIP 10K (1005)
R124	1-208-899-81 s	RES, CHIP 3.3K (1005)
R125	1-208-923-81 s	RES, CHIP 33K (1005)
R126	1-208-959-81 s	RES, CHIP 1M (1005)
R127	1-208-959-81 s	RES, CHIP 1M (1005)
R128	1-208-863-81 s	RES, CHIP 100 (1005)
R129	1-208-927-81 s	RES, CHIP 47K (1005)
R130	1-208-911-81 s	RES, CHIP 10K (1005)
R131	1-208-935-81 s	RES, CHIP 100K (1005)
R132	1-208-919-81 s	RES, CHIP 22K (1005)
R133	1-208-919-81 s	RES, CHIP 22K (1005)
R134	1-208-927-81 s	RES, CHIP 47K (1005)
R135	1-208-951-81 s	RES, CHIP 470K (1005)
R136	1-208-939-81 s	RES, CHIP 150K (1005)
R137	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R138	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R139	1-218-236-91 s	RES,SQUARE TYPE CHIP 1.0(3225)
R140	1-208-911-81 s	RES, CHIP 10K (1005)
R141	1-208-867-81 s	RES, CHIP 150 (1005)
R142	1-208-919-81 s	RES, CHIP 22K (1005)
R143	1-208-919-81 s	RES, CHIP 22K (1005)
R144	1-208-891-81 s	RES, CHIP 1.5K (1005)
R145	1-208-915-81 s	RES, CHIP 15K (1005)
R146	1-208-911-81 s	RES, CHIP 10K (1005)
R147	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R148	1-208-927-81 s	RES, CHIP 47K (1005)
R152	1-208-923-81 s	RES, CHIP 33K (1005)
R153	1-208-871-81 s	RES, CHIP 220 (1005)
R154	1-208-871-81 s	RES, CHIP 220 (1005)
R155	1-208-907-81 s	RES, CHIP 6.8K (1005)
R158	1-208-911-81 s	RES, CHIP 10K (1005)
R159	1-208-911-81 s	RES, CHIP 10K (1005)
R160	1-208-927-81 s	RES, CHIP 47K (1005)
R161	1-208-927-81 s	RES, CHIP 47K (1005)
R162	1-208-927-81 s	RES, CHIP 47K (1005)
R163	1-208-871-81 s	RES, CHIP 220 (1005)
R164	1-208-871-81 s	RES, CHIP 220 (1005)
R165	1-208-923-81 s	RES, CHIP 33K (1005)
R166	1-208-903-81 s	RES, CHIP 4.7K (1005)
R167	1-208-911-81 s	RES, CHIP 10K (1005)
R168	1-208-927-81 s	RES, CHIP 47K (1005)
R169	1-208-927-81 s	RES, CHIP 47K (1005)
R170	1-208-927-81 s	RES, CHIP 47K (1005)
R171	1-208-951-81 s	RES, CHIP 470K (1005)
R172	1-208-935-81 s	RES, CHIP 100K (1005)
R173	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R174	1-208-911-81 s	RES, CHIP 10K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R175	1-208-911-81 s	RES, CHIP 10K (1005)
R176	1-208-919-81 s	RES, CHIP 22K (1005)
R177	1-208-863-81 s	RES, CHIP 100 (1005)
R179	1-208-911-81 s	RES, CHIP 10K (1005)
R180	1-208-911-81 s	RES, CHIP 10K (1005)
R181	1-208-919-81 s	RES, CHIP 22K (1005)
R182	1-208-919-81 s	RES, CHIP 22K (1005)
R183	1-243-975-81 s	RES, CHIP 4.7M (1005)
R184	1-208-923-81 s	RES, CHIP 33K (1005)
R185	1-208-863-81 s	RES, CHIP 100 (1005)
R186	1-208-923-81 s	RES, CHIP 33K (1005)
R187	1-208-907-81 s	RES, CHIP 6.8K (1005)
R188	1-208-915-81 s	RES, CHIP 15K (1005)
R189	1-208-959-81 s	RES, CHIP 1M (1005)
R190	1-208-959-81 s	RES, CHIP 1M (1005)
R191	1-208-923-81 s	RES, CHIP 33K (1005)
R192	1-208-903-81 s	RES, CHIP 4.7K (1005)
R193	1-208-915-81 s	RES, CHIP 15K (1005)
R194	1-208-927-81 s	RES, CHIP 47K (1005)
R195	1-208-891-81 s	RES, CHIP 1.5K (1005)
R196	1-208-899-81 s	RES, CHIP 3.3K (1005)
R197	1-208-911-81 s	RES, CHIP 10K (1005)
R199	1-208-919-81 s	RES, CHIP 22K (1005)
R200	1-208-919-81 s	RES, CHIP 22K (1005)
R201	1-208-919-81 s	RES, CHIP 22K (1005)
R202	1-208-943-81 s	RES, CHIP 220K (1005)
R204	1-208-951-81 s	RES, CHIP 470K (1005)
R205	1-208-903-81 s	RES, CHIP 4.7K (1005)
R206	1-208-939-81 s	RES, CHIP 150K (1005)
R207	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R208	1-218-236-91 s	RES,SQUARE TYPE CHIP 1.0(3225)
R209	1-208-899-81 s	RES, CHIP 3.3K (1005)
R210	1-208-915-81 s	RES, CHIP 15K (1005)
R211	1-208-911-81 s	RES, CHIP 10K (1005)
R215	1-208-903-81 s	RES, CHIP 4.7K (1005)
R216	1-208-911-81 s	RES, CHIP 10K (1005)
R219	1-208-891-81 s	RES, CHIP 1.5K (1005)
R220	1-208-863-81 s	RES, CHIP 100 (1005)
R222	1-208-863-81 s	RES, CHIP 100 (1005)
R224	1-208-863-81 s	RES, CHIP 100 (1005)
R225	1-208-863-81 s	RES, CHIP 100 (1005)
R228	1-243-975-81 s	RES, CHIP 4.7M (1005)
R233	1-208-919-81 s	RES, CHIP 22K (1005)
R234	1-208-919-81 s	RES, CHIP 22K (1005)
R238	1-208-883-81 s	RES, CHIP 680 (1005)
R241	1-208-935-81 s	RES, CHIP 100K (1005)
R244	1-208-915-81 s	RES, CHIP 15K (1005)
R247	1-208-943-81 s	RES, CHIP 220K (1005)
R250	1-243-975-81 s	RES, CHIP 4.7M (1005)
R253	1-208-919-81 s	RES, CHIP 22K (1005)
R254	1-243-975-81 s	RES, CHIP 4.7M (1005)
R256	1-208-935-81 s	RES, CHIP 100K (1005)
R258	1-208-911-81 s	RES, CHIP 10K (1005)
R259	1-208-943-81 s	RES, CHIP 220K (1005)
R261	1-208-887-81 s	RES, CHIP 1.0K (1005)
R263	1-208-911-81 s	RES, CHIP 10K (1005)
R264	1-208-959-81 s	RES, CHIP 1M (1005)
R265	1-208-959-81 s	RES, CHIP 1M (1005)
R266	1-243-975-81 s	RES, CHIP 4.7M (1005)
R268	1-208-923-81 s	RES, CHIP 33K (1005)
R270	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R271	1-208-911-81 s	RES, CHIP 10K (1005)
R272	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R274	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R276	1-208-927-81 s	RES, CHIP 47K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R277	1-208-911-81 s	RES, CHIP 10K (1005)
R278	1-208-871-81 s	RES, CHIP 220 (1005)
R279	1-208-927-81 s	RES, CHIP 47K (1005)
R281	1-208-899-81 s	RES, CHIP 3.3K (1005)
R282	1-208-895-81 s	RES, CHIP 2.2K (1005)
R283	1-208-915-81 s	RES, CHIP 15K (1005)
R284	1-208-915-81 s	RES, CHIP 15K (1005)
R285	1-208-903-81 s	RES, CHIP 4.7K (1005)
R286	1-208-927-81 s	RES, CHIP 47K (1005)
R287	1-220-230-91 s	RES,SQUARE TYPE CHIP 2.2(3225)
R288	1-208-911-81 s	RES, CHIP 10K (1005)
R289	1-208-903-81 s	RES, CHIP 4.7K (1005)
R290	1-208-927-81 s	RES, CHIP 47K (1005)
R291	1-208-911-81 s	RES, CHIP 10K (1005)
R292	1-208-899-81 s	RES, CHIP 3.3K (1005)
R300	1-211-969-91 s	RES, CHIP 10 (1608)
R301	1-211-969-91 s	RES, CHIP 10 (1608)
R302	1-208-919-81 s	RES, CHIP 22K (1005)
R303	1-208-863-81 s	RES, CHIP 100 (1005)
R304	1-220-878-81 s	RES, CHIP 22 (1005)
R307	1-208-895-81 s	RES, CHIP 2.2K (1005)
R308	1-208-911-81 s	RES, CHIP 10K (1005)
R309	1-208-927-81 s	RES, CHIP 47K (1005)
R310	1-208-887-81 s	RES, CHIP 1.0K (1005)
R311	1-208-887-81 s	RES, CHIP 1.0K (1005)
R312	1-220-878-81 s	RES, CHIP 22 (1005)
R313	1-220-878-81 s	RES, CHIP 22 (1005)
R314	1-208-927-81 s	RES, CHIP 47K (1005)
R315	1-208-855-81 s	RES, CHIP 47 (1005)
R316	1-208-855-81 s	RES, CHIP 47 (1005)
R317	1-208-863-81 s	RES, CHIP 100 (1005)
R318	1-208-927-81 s	RES, CHIP 47K (1005)
R319	1-208-863-81 s	RES, CHIP 100 (1005)
R320	1-208-863-81 s	RES, CHIP 100 (1005)
R321	1-220-878-81 s	RES, CHIP 22 (1005)
R322	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)
R329	1-208-927-81 s	RES, CHIP 47K (1005)
R330	1-208-863-81 s	RES, CHIP 100 (1005)
R331	1-208-863-81 s	RES, CHIP 100 (1005)
R332	1-208-863-81 s	RES, CHIP 100 (1005)
R333	1-208-863-81 s	RES, CHIP 100 (1005)
R334	1-208-863-81 s	RES, CHIP 100 (1005)
R335	1-208-863-81 s	RES, CHIP 100 (1005)
R336	1-220-870-81 s	RES, CHIP 10 (1005)
R337	1-208-863-81 s	RES, CHIP 100 (1005)
R338	1-208-863-81 s	RES, CHIP 100 (1005)
R339	1-208-895-81 s	RES, CHIP 2.2K (1005)
R340	1-220-878-81 s	RES, CHIP 22 (1005)
R341	1-220-870-81 s	RES, CHIP 10 (1005)
R342	1-220-870-81 s	RES, CHIP 10 (1005)
R343	1-208-911-81 s	RES, CHIP 10K (1005)
R344	1-208-911-81 s	RES, CHIP 10K (1005)
R345	1-208-911-81 s	RES, CHIP 10K (1005)
R346	1-220-870-81 s	RES, CHIP 10 (1005)
R347	1-220-870-81 s	RES, CHIP 10 (1005)
R348	1-220-870-81 s	RES, CHIP 10 (1005)
R349	1-220-870-81 s	RES, CHIP 10 (1005)
R350	1-220-870-81 s	RES, CHIP 10 (1005)
R355	1-220-878-81 s	RES, CHIP 22 (1005)
R357	1-208-863-81 s	RES, CHIP 100 (1005)
R358	1-220-878-81 s	RES, CHIP 22 (1005)
R359	1-208-887-81 s	RES, CHIP 1.0K (1005)
R360	1-208-919-81 s	RES, CHIP 22K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R410	1-208-911-81 s	RES, CHIP 10K (1005)
R412	1-220-878-81 s	RES, CHIP 22 (1005)
R413	1-220-878-81 s	RES, CHIP 22 (1005)
R414	1-220-878-81 s	RES, CHIP 22 (1005)
R415	1-220-878-81 s	RES, CHIP 22 (1005)
R416	1-220-878-81 s	RES, CHIP 22 (1005)
R417	1-220-878-81 s	RES, CHIP 22 (1005)
R418	1-220-878-81 s	RES, CHIP 22 (1005)
R419	1-220-878-81 s	RES, CHIP 22 (1005)
R422	1-220-878-81 s	RES, CHIP 22 (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)
R427	1-220-870-81 s	RES, CHIP 10 (1005)
R459	1-208-871-81 s	RES, CHIP 220 (1005)
R460	1-208-871-81 s	RES, CHIP 220 (1005)
R461	1-208-863-81 s	RES, CHIP 100 (1005)
R462	1-208-863-81 s	RES, CHIP 100 (1005)
R463	1-208-863-81 s	RES, CHIP 100 (1005)
R464	1-220-878-81 s	RES, CHIP 22 (1005)
R465	1-208-863-81 s	RES, CHIP 100 (1005)
R466	1-220-878-81 s	RES, CHIP 22 (1005)
R467	1-208-863-81 s	RES, CHIP 100 (1005)
R468	1-208-863-81 s	RES, CHIP 100 (1005)
R469	1-220-878-81 s	RES, CHIP 22 (1005)
R470	1-208-855-81 s	RES, CHIP 47 (1005)
R471	1-220-878-81 s	RES, CHIP 22 (1005)
R472	1-220-878-81 s	RES, CHIP 22 (1005)
R474	1-208-903-81 s	RES, CHIP 4.7K (1005)
R475	1-208-855-81 s	RES, CHIP 47 (1005)
R476	1-208-863-81 s	RES, CHIP 100 (1005)
R477	1-208-903-81 s	RES, CHIP 4.7K (1005)
R478	1-208-903-81 s	RES, CHIP 4.7K (1005)
R479	1-208-903-81 s	RES, CHIP 4.7K (1005)
R480	1-208-903-81 s	RES, CHIP 4.7K (1005)
R481	1-208-855-81 s	RES, CHIP 47 (1005)
R482	1-208-855-81 s	RES, CHIP 47 (1005)
R483	1-208-887-81 s	RES, CHIP 1.0K (1005)
R484	1-208-887-81 s	RES, CHIP 1.0K (1005)
R485	1-208-887-81 s	RES, CHIP 1.0K (1005)
R486	1-208-855-81 s	RES, CHIP 47 (1005)
R487	1-208-911-81 s	RES, CHIP 10K (1005)
R488	1-208-863-81 s	RES, CHIP 100 (1005)
R489	1-208-863-81 s	RES, CHIP 100 (1005)
R490	1-208-903-81 s	RES, CHIP 4.7K (1005)
R491	1-208-855-81 s	RES, CHIP 47 (1005)
R492	1-208-855-81 s	RES, CHIP 47 (1005)
R493	1-220-878-81 s	RES, CHIP 22 (1005)
R494	1-208-903-81 s	RES, CHIP 4.7K (1005)
R495	1-208-895-81 s	RES, CHIP 2.2K (1005)
R496	1-208-903-81 s	RES, CHIP 4.7K (1005)
R497	1-208-903-81 s	RES, CHIP 4.7K (1005)
R498	1-208-903-81 s	RES, CHIP 4.7K (1005)
R499	1-208-903-81 s	RES, CHIP 4.7K (1005)
R500	1-208-855-81 s	RES, CHIP 47 (1005)
R501	1-220-878-81 s	RES, CHIP 22 (1005)
R502	1-220-878-81 s	RES, CHIP 22 (1005)
R505	1-220-878-81 s	RES, CHIP 22 (1005)
R506	1-220-878-81 s	RES, CHIP 22 (1005)
R507	1-220-878-81 s	RES, CHIP 22 (1005)
R508	1-220-878-81 s	RES, CHIP 22 (1005)
R509	1-208-863-81 s	RES, CHIP 100 (1005)
R510	1-208-863-81 s	RES, CHIP 100 (1005)
R511	1-208-863-81 s	RES, CHIP 100 (1005)
R518	1-208-939-81 s	RES, CHIP 150K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R519	1-220-149-91 s	RES,SQUARE TYPE CHIP 2.2(4532)
R520	1-208-919-81 s	RES, CHIP 22K (1005)
R521	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R522	1-208-911-81 s	RES, CHIP 10K (1005)
R523	1-208-895-81 s	RES, CHIP 2.2K (1005)
R524	1-208-919-81 s	RES, CHIP 22K (1005)
R525	1-208-951-81 s	RES, CHIP 470K (1005)
R526	1-208-911-81 s	RES, CHIP 10K (1005)
R527	1-208-903-81 s	RES, CHIP 4.7K (1005)
R528	1-208-903-81 s	RES, CHIP 4.7K (1005)
R529	1-208-903-81 s	RES, CHIP 4.7K (1005)
R530	1-220-878-81 s	RES, CHIP 22 (1005)
R533	1-208-855-81 s	RES, CHIP 47 (1005)
R534	1-208-895-81 s	RES, CHIP 2.2K (1005)
R536	1-208-863-81 s	RES, CHIP 100 (1005)
R538	1-208-855-81 s	RES, CHIP 47 (1005)
R539	1-208-855-81 s	RES, CHIP 47 (1005)
R540	1-208-863-81 s	RES, CHIP 100 (1005)
R541	1-208-863-81 s	RES, CHIP 100 (1005)
R542	1-208-863-81 s	RES, CHIP 100 (1005)
R543	1-208-855-81 s	RES, CHIP 47 (1005)
R611	1-208-855-81 s	RES, CHIP 47 (1005)
R612	1-208-855-81 s	RES, CHIP 47 (1005)
R613	1-208-855-81 s	RES, CHIP 47 (1005)
R614	1-208-855-81 s	RES, CHIP 47 (1005)
R615	1-208-855-81 s	RES, CHIP 47 (1005)
R621	1-208-935-81 s	RES, CHIP 100K (1005)
R623	1-208-935-81 s	RES, CHIP 100K (1005)
R624	1-208-855-81 s	RES, CHIP 47 (1005)
R625	1-208-935-81 s	RES, CHIP 100K (1005)
R627	1-208-855-81 s	RES, CHIP 47 (1005)
R630	1-208-903-81 s	RES, CHIP 4.7K (1005)
R641	1-208-855-81 s	RES, CHIP 47 (1005)
R642	1-208-863-81 s	RES, CHIP 100 (1005)
R643	1-208-855-81 s	RES, CHIP 47 (1005)
R644	1-208-855-81 s	RES, CHIP 47 (1005)
R645	1-208-855-81 s	RES, CHIP 47 (1005)
R646	1-208-855-81 s	RES, CHIP 47 (1005)
R647	1-208-855-81 s	RES, CHIP 47 (1005)
R648	1-208-863-81 s	RES, CHIP 100 (1005)
R649	1-208-863-81 s	RES, CHIP 100 (1005)
R650	1-208-863-81 s	RES, CHIP 100 (1005)
R651	1-208-863-81 s	RES, CHIP 100 (1005)
R652	1-208-863-81 s	RES, CHIP 100 (1005)
R653	1-208-863-81 s	RES, CHIP 100 (1005)
R654	1-208-911-81 s	RES, CHIP 10K (1005)
R656	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R657	1-208-903-81 s	RES, CHIP 4.7K (1005)
R658	1-208-903-81 s	RES, CHIP 4.7K (1005)
R659	1-208-855-81 s	RES, CHIP 47 (1005)
R660	1-208-871-81 s	RES, CHIP 220 (1005)
R661	1-208-871-81 s	RES, CHIP 220 (1005)
R662	1-208-871-81 s	RES, CHIP 220 (1005)
R663	1-208-871-81 s	RES, CHIP 220 (1005)
R664	1-208-863-81 s	RES, CHIP 100 (1005)
R665	1-208-871-81 s	RES, CHIP 220 (1005)
R666	1-208-911-81 s	RES, CHIP 10K (1005)
R667	1-208-911-81 s	RES, CHIP 10K (1005)
R668	1-208-911-81 s	RES, CHIP 10K (1005)
R669	1-208-871-81 s	RES, CHIP 220 (1005)
R670	1-208-903-81 s	RES, CHIP 4.7K (1005)
R671	1-208-903-81 s	RES, CHIP 4.7K (1005)
R672	1-208-903-81 s	RES, CHIP 4.7K (1005)
R673	1-208-903-81 s	RES, CHIP 4.7K (1005)
R675	1-208-911-81 s	RES, CHIP 10K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R676	1-208-895-81 s	RES, CHIP 2.2K (1005)
R677	1-208-863-81 s	RES, CHIP 100 (1005)
R678	1-208-855-81 s	RES, CHIP 47 (1005)
R679	1-208-855-81 s	RES, CHIP 47 (1005)
R700	1-208-911-81 s	RES, CHIP 10K (1005)
R701	1-208-911-81 s	RES, CHIP 10K (1005)
R702	1-208-855-81 s	RES, CHIP 47 (1005)
R704	1-208-927-81 s	RES, CHIP 47K (1005)
R705	1-208-927-81 s	RES, CHIP 47K (1005)
R708	1-208-863-81 s	RES, CHIP 100 (1005)
R709	1-208-863-81 s	RES, CHIP 100 (1005)
R710	1-208-863-81 s	RES, CHIP 100 (1005)
R712	1-208-863-81 s	RES, CHIP 100 (1005)
R713	1-208-895-81 s	RES, CHIP 2.2K (1005)
R714	1-208-863-81 s	RES, CHIP 100 (1005)
R715	1-208-863-81 s	RES, CHIP 100 (1005)
R716	1-208-863-81 s	RES, CHIP 100 (1005)
R717	1-208-863-81 s	RES, CHIP 100 (1005)
R719	1-208-863-81 s	RES, CHIP 100 (1005)
R720	1-208-863-81 s	RES, CHIP 100 (1005)
R724	1-220-882-81 s	RES, CHIP 33 (1005)
R725	1-220-882-81 s	RES, CHIP 33 (1005)
R727	1-220-870-81 s	RES, CHIP 10 (1005)
R728	1-220-870-81 s	RES, CHIP 10 (1005)
R729	1-208-863-81 s	RES, CHIP 100 (1005)
R730	1-208-863-81 s	RES, CHIP 100 (1005)
R731	1-208-863-81 s	RES, CHIP 100 (1005)
R732	1-208-863-81 s	RES, CHIP 100 (1005)
R733	1-208-863-81 s	RES, CHIP 100 (1005)
R734	1-208-863-81 s	RES, CHIP 100 (1005)
R735	1-208-855-81 s	RES, CHIP 47 (1005)
R736	1-208-855-81 s	RES, CHIP 47 (1005)
R737	1-208-855-81 s	RES, CHIP 47 (1005)
R738	1-208-863-81 s	RES, CHIP 100 (1005)
R740	1-208-855-81 s	RES, CHIP 47 (1005)
R741	1-208-855-81 s	RES, CHIP 47 (1005)
R742	1-208-863-81 s	RES, CHIP 100 (1005)
R743	1-208-855-81 s	RES, CHIP 47 (1005)
R744	1-208-855-81 s	RES, CHIP 47 (1005)
R745	1-208-855-81 s	RES, CHIP 47 (1005)
R746	1-208-863-81 s	RES, CHIP 100 (1005)
R748	1-208-855-81 s	RES, CHIP 47 (1005)
R749	1-208-895-81 s	RES, CHIP 2.2K (1005)
R750	1-208-863-81 s	RES, CHIP 100 (1005)
R801	1-208-911-81 s	RES, CHIP 10K (1005)
R802	1-208-895-81 s	RES, CHIP 2.2K (1005)
R804	1-220-870-81 s	RES, CHIP 10 (1005)
R805	1-220-870-81 s	RES, CHIP 10 (1005)
R806	1-220-870-81 s	RES, CHIP 10 (1005)
R807	1-220-870-81 s	RES, CHIP 10 (1005)
R809	1-208-915-81 s	RES, CHIP 15K (1005)
R810	1-208-907-81 s	RES, CHIP 6.8K (1005)
R811	1-208-879-81 s	RES, CHIP 470 (1005)
R812	1-208-911-81 s	RES, CHIP 10K (1005)
R813	1-220-870-81 s	RES, CHIP 10 (1005)
R814	1-208-871-81 s	RES, CHIP 220 (1005)
R815	1-208-911-81 s	RES, CHIP 10K (1005)
R819	1-208-887-81 s	RES, CHIP 1.0K (1005)
R820	1-208-887-81 s	RES, CHIP 1.0K (1005)
R821	1-208-887-81 s	RES, CHIP 1.0K (1005)
R822	1-218-937-81 s	RES, CHIP 47
R823	1-208-887-81 s	RES, CHIP 1.0K (1005)
R824	1-208-883-81 s	RES, CHIP 680 (1005)
R825	1-208-887-81 s	RES, CHIP 1.0K (1005)
R826	1-208-887-81 s	RES, CHIP 1.0K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R827	1-208-927-81 s	RES, CHIP 47K (1005)
R828	1-208-887-81 s	RES, CHIP 1.0K (1005)
R829	1-208-887-81 s	RES, CHIP 1.0K (1005)
R830	1-208-887-81 s	RES, CHIP 1.0K (1005)
R831	1-208-927-81 s	RES, CHIP 47K (1005)
R832	1-208-927-81 s	RES, CHIP 47K (1005)
R833	1-208-927-81 s	RES, CHIP 47K (1005)
R834	1-208-927-81 s	RES, CHIP 47K (1005)
R835	1-208-927-81 s	RES, CHIP 47K (1005)
R836	1-208-867-81 s	RES, CHIP 150 (1005)
R837	1-208-867-81 s	RES, CHIP 150 (1005)
R838	1-208-867-81 s	RES, CHIP 150 (1005)
R839	1-208-887-81 s	RES, CHIP 1.0K (1005)
R840	1-208-887-81 s	RES, CHIP 1.0K (1005)
R841	1-208-867-81 s	RES, CHIP 150 (1005)
R843	1-208-919-81 s	RES, CHIP 22K (1005)
R844	1-208-887-81 s	RES, CHIP 1.0K (1005)
R845	1-208-887-81 s	RES, CHIP 1.0K (1005)
R846	1-208-859-81 s	RES, CHIP 68 (1005)
R847	1-208-859-81 s	RES, CHIP 68 (1005)
R848	1-208-895-81 s	RES, CHIP 2.2K (1005)
R852	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R853	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R857	1-208-915-81 s	RES, CHIP 15K (1005)
R858	1-208-907-81 s	RES, CHIP 6.8K (1005)
R859	1-208-879-81 s	RES, CHIP 470 (1005)
R860	1-208-911-81 s	RES, CHIP 10K (1005)
R861	1-220-870-81 s	RES, CHIP 10 (1005)
R862	1-208-871-81 s	RES, CHIP 220 (1005)
R863	1-208-911-81 s	RES, CHIP 10K (1005)
R866	1-208-919-81 s	RES, CHIP 22K (1005)
R867	1-208-887-81 s	RES, CHIP 1.0K (1005)
R868	1-208-887-81 s	RES, CHIP 1.0K (1005)
R869	1-208-887-81 s	RES, CHIP 1.0K (1005)
R870	1-218-937-81 s	RES, CHIP 47
R871	1-208-887-81 s	RES, CHIP 1.0K (1005)
R872	1-208-883-81 s	RES, CHIP 680 (1005)
R873	1-208-887-81 s	RES, CHIP 1.0K (1005)
R874	1-208-887-81 s	RES, CHIP 1.0K (1005)
R875	1-208-927-81 s	RES, CHIP 47K (1005)
R876	1-208-887-81 s	RES, CHIP 1.0K (1005)
R877	1-208-887-81 s	RES, CHIP 1.0K (1005)
R878	1-208-887-81 s	RES, CHIP 1.0K (1005)
R879	1-208-927-81 s	RES, CHIP 47K (1005)
R880	1-208-927-81 s	RES, CHIP 47K (1005)
R881	1-208-927-81 s	RES, CHIP 47K (1005)
R882	1-208-927-81 s	RES, CHIP 47K (1005)
R883	1-208-927-81 s	RES, CHIP 47K (1005)
R884	1-208-867-81 s	RES, CHIP 150 (1005)
R885	1-208-867-81 s	RES, CHIP 150 (1005)
R886	1-208-867-81 s	RES, CHIP 150 (1005)
R887	1-208-887-81 s	RES, CHIP 1.0K (1005)
R888	1-208-887-81 s	RES, CHIP 1.0K (1005)
R889	1-208-867-81 s	RES, CHIP 150 (1005)
R890	1-208-855-81 s	RES, CHIP 47 (1005)
R891	1-208-855-81 s	RES, CHIP 47 (1005)
R892	1-208-887-81 s	RES, CHIP 1.0K (1005)
R893	1-208-887-81 s	RES, CHIP 1.0K (1005)
R894	1-208-859-81 s	RES, CHIP 68 (1005)
R895	1-208-859-81 s	RES, CHIP 68 (1005)
R896	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R897	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R900	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R901	1-208-911-81 s	RES, CHIP 10K (1005)
R902	1-220-878-81 s	RES, CHIP 22 (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R903	1-208-863-81 s	RES, CHIP 100 (1005)
R904	1-208-855-81 s	RES, CHIP 47 (1005)
R911	1-208-855-81 s	RES, CHIP 47 (1005)
R912	1-208-855-81 s	RES, CHIP 47 (1005)
R913	1-208-855-81 s	RES, CHIP 47 (1005)
R914	1-208-855-81 s	RES, CHIP 47 (1005)
R915	1-208-855-81 s	RES, CHIP 47 (1005)
R916	1-208-855-81 s	RES, CHIP 47 (1005)
R929	1-208-911-81 s	RES, CHIP 10K (1005)
R930	1-208-855-81 s	RES, CHIP 47 (1005)
R931	1-208-863-81 s	RES, CHIP 100 (1005)
R932	1-208-855-81 s	RES, CHIP 47 (1005)
R933	1-208-855-81 s	RES, CHIP 47 (1005)
R934	1-208-855-81 s	RES, CHIP 47 (1005)
R935	1-208-855-81 s	RES, CHIP 47 (1005)
R936	1-208-855-81 s	RES, CHIP 47 (1005)
R937	1-208-911-81 s	RES, CHIP 10K (1005)
R938	1-208-911-81 s	RES, CHIP 10K (1005)
R939	1-208-879-81 s	RES, CHIP 470 (1005)
R940	1-208-879-81 s	RES, CHIP 470 (1005)
R941	1-208-879-81 s	RES, CHIP 470 (1005)
R942	1-208-879-81 s	RES, CHIP 470 (1005)
R943	1-208-855-81 s	RES, CHIP 47 (1005)
R944	1-208-903-81 s	RES, CHIP 4.7K (1005)
R945	1-208-903-81 s	RES, CHIP 4.7K (1005)
R946	1-208-903-81 s	RES, CHIP 4.7K (1005)
R947	1-208-903-81 s	RES, CHIP 4.7K (1005)
R948	1-208-871-81 s	RES, CHIP 220 (1005)
R949	1-208-895-81 s	RES, CHIP 2.2K (1005)
R950	1-208-895-81 s	RES, CHIP 2.2K (1005)
R951	1-208-895-81 s	RES, CHIP 2.2K (1005)
R952	1-220-878-81 s	RES, CHIP 22 (1005)
R953	1-208-911-81 s	RES, CHIP 10K (1005)
R954	1-220-878-81 s	RES, CHIP 22 (1005)
R955	1-220-878-81 s	RES, CHIP 22 (1005)
R956	1-220-878-81 s	RES, CHIP 22 (1005)
R957	1-208-855-81 s	RES, CHIP 47 (1005)
R958	1-208-855-81 s	RES, CHIP 47 (1005)
R959	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1000	1-208-911-81 s	RES, CHIP 10K (1005)
R1001	1-208-871-81 s	RES, CHIP 220 (1005)
R1002	1-220-878-81 s	RES, CHIP 22 (1005)
R1003	1-208-871-81 s	RES, CHIP 220 (1005)
R1004	1-208-871-81 s	RES, CHIP 220 (1005)
R1005	1-208-871-81 s	RES, CHIP 220 (1005)
R1006	1-208-871-81 s	RES, CHIP 220 (1005)
R1007	1-208-871-81 s	RES, CHIP 220 (1005)
R1008	1-208-871-81 s	RES, CHIP 220 (1005)
R1009	1-208-875-81 s	RES, CHIP 330 (1005)
R1010	1-208-871-81 s	RES, CHIP 220 (1005)
R1011	1-208-867-81 s	RES, CHIP 150 (1005)
R1012	1-208-871-81 s	RES, CHIP 220 (1005)
R1013	1-208-871-81 s	RES, CHIP 220 (1005)
R1014	1-208-871-81 s	RES, CHIP 220 (1005)
R1015	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1016	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1017	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1018	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1020	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1021	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1022	1-208-875-81 s	RES, CHIP 330 (1005)
R1023	1-208-875-81 s	RES, CHIP 330 (1005)
R1024	1-208-927-81 s	RES, CHIP 47K (1005)
R1025	1-208-871-81 s	RES, CHIP 220 (1005)
R1026	1-218-990-81 s	CONDUCTOR, CHIP (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R1027	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1028	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1029	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1030	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1031	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1032	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1033	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1034	1-208-855-81 s	RES, CHIP 47 (1005)
R1035	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1036	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1037	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1038	1-208-911-81 s	RES, CHIP 10K (1005)
R1039	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1040	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1041	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1042	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1043	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1044	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1100	1-208-855-81 s	RES, CHIP 47 (1005)
R1102	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1103	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1104	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1105	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1106	1-208-911-81 s	RES, CHIP 10K (1005)
R1107	1-208-879-81 s	RES, CHIP 470 (1005)
R1108	1-208-911-81 s	RES, CHIP 10K (1005)
R1109	1-220-870-81 s	RES, CHIP 10 (1005)
R1110	1-208-871-81 s	RES, CHIP 220 (1005)
R1111	1-208-911-81 s	RES, CHIP 10K (1005)
R1112	1-208-911-81 s	RES, CHIP 10K (1005)
R1113	1-208-911-81 s	RES, CHIP 10K (1005)
R1114	1-208-911-81 s	RES, CHIP 10K (1005)
R1115	1-208-879-81 s	RES, CHIP 470 (1005)
R1116	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1117	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1118	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1119	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1120	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1122	1-208-935-81 s	RES, CHIP 100K (1005)
R1123	1-208-863-81 s	RES, CHIP 100 (1005)
R1126	1-208-863-81 s	RES, CHIP 100 (1005)
R1127	1-208-855-81 s	RES, CHIP 47 (1005)
R1128	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1129	1-208-871-81 s	RES, CHIP 220 (1005)
R1130	1-208-871-81 s	RES, CHIP 220 (1005)
R1131	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1132	1-208-871-81 s	RES, CHIP 220 (1005)
R1133	1-208-871-81 s	RES, CHIP 220 (1005)
R1134	1-208-875-81 s	RES, CHIP 330 (1005)
R1135	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1136	1-208-871-81 s	RES, CHIP 220 (1005)
R1137	1-208-863-81 s	RES, CHIP 100 (1005)
R1139	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1140	1-208-911-81 s	RES, CHIP 10K (1005)
R1142	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1143	1-208-871-81 s	RES, CHIP 220 (1005)
R1146	1-208-911-81 s	RES, CHIP 10K (1005)
R1148	1-208-871-81 s	RES, CHIP 220 (1005)
R1149	1-208-855-81 s	RES, CHIP 47 (1005)
R1150	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1151	1-208-927-81 s	RES, CHIP 47K (1005)
R1152	1-208-863-81 s	RES, CHIP 100 (1005)
R1153	1-208-911-81 s	RES, CHIP 10K (1005)
R1154	1-208-875-81 s	RES, CHIP 330 (1005)
R1157	1-208-927-81 s	RES, CHIP 47K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R1158	1-208-955-81 s	RES, CHIP 680K (1005)
R1159	1-208-927-81 s	RES, CHIP 47K (1005)
R1160	1-208-955-81 s	RES, CHIP 680K (1005)
R1161	1-208-863-81 s	RES, CHIP 100 (1005)
R1162	1-208-863-81 s	RES, CHIP 100 (1005)
R1163	1-208-867-81 s	RES, CHIP 150 (1005)
R1164	1-208-867-81 s	RES, CHIP 150 (1005)
R1165	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1166	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1167	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1168	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1169	1-208-915-81 s	RES, CHIP 15K (1005)
R1170	1-208-915-81 s	RES, CHIP 15K (1005)
R1171	1-208-879-81 s	RES, CHIP 470 (1005)
R1172	1-208-879-81 s	RES, CHIP 470 (1005)
R1173	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1174	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1175	1-208-863-81 s	RES, CHIP 100 (1005)
R1176	1-208-863-81 s	RES, CHIP 100 (1005)
R1177	1-208-863-81 s	RES, CHIP 100 (1005)
R1178	1-208-863-81 s	RES, CHIP 100 (1005)
R1180	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1181	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1182	1-208-883-81 s	RES, CHIP 680 (1005)
R1183	1-208-863-81 s	RES, CHIP 100 (1005)
R1185	1-208-863-81 s	RES, CHIP 100 (1005)
R1186	1-208-863-81 s	RES, CHIP 100 (1005)
R1187	1-208-863-81 s	RES, CHIP 100 (1005)
R1191	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1192	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1193	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1195	1-208-871-81 s	RES, CHIP 220 (1005)
R1196	1-208-871-81 s	RES, CHIP 220 (1005)
R1197	1-208-855-81 s	RES, CHIP 47 (1005)
R1198	1-208-911-81 s	RES, CHIP 10K (1005)
R1199	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1200	1-208-907-81 s	RES, CHIP 6.8K (1005)
R1201	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1202	1-208-879-81 s	RES, CHIP 470 (1005)
R1203	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1204	1-208-879-81 s	RES, CHIP 470 (1005)
R1205	1-208-859-81 s	RES, CHIP 68 (1005)
R1206	1-208-859-81 s	RES, CHIP 68 (1005)
R1207	1-208-859-81 s	RES, CHIP 68 (1005)
R1208	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1209	1-208-859-81 s	RES, CHIP 68 (1005)
R1210	1-208-863-81 s	RES, CHIP 100 (1005)
R1211	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1212	1-208-863-81 s	RES, CHIP 100 (1005)
R1213	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1214	1-208-863-81 s	RES, CHIP 100 (1005)
R1215	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1216	1-208-863-81 s	RES, CHIP 100 (1005)
R1217	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1218	1-208-919-81 s	RES, CHIP 22K (1005)
R1219	1-208-907-81 s	RES, CHIP 6.8K (1005)
R1220	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1221	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1223	1-208-875-81 s	RES, CHIP 330 (1005)
R1224	1-208-875-81 s	RES, CHIP 330 (1005)
R1225	1-208-875-81 s	RES, CHIP 330 (1005)
R1226	1-208-875-81 s	RES, CHIP 330 (1005)
R1227	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1228	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1229	1-208-895-81 s	RES, CHIP 2.2K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R1230	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1231	1-208-867-81 s	RES, CHIP 150 (1005)
R1232	1-208-867-81 s	RES, CHIP 150 (1005)
R1233	1-208-867-81 s	RES, CHIP 150 (1005)
R1234	1-208-867-81 s	RES, CHIP 150 (1005)
R1235	1-208-883-81 s	RES, CHIP 680 (1005)
R1236	1-208-883-81 s	RES, CHIP 680 (1005)
R1237	1-208-883-81 s	RES, CHIP 680 (1005)
R1238	1-208-883-81 s	RES, CHIP 680 (1005)
R1239	1-220-874-81 s	RES, CHIP 15 (1005)
R1240	1-220-874-81 s	RES, CHIP 15 (1005)
R1241	1-208-867-81 s	RES, CHIP 150 (1005)
R1242	1-208-867-81 s	RES, CHIP 150 (1005)
R1243	1-220-874-81 s	RES, CHIP 15 (1005)
R1244	1-220-874-81 s	RES, CHIP 15 (1005)
R1245	1-220-874-81 s	RES, CHIP 15 (1005)
R1246	1-220-874-81 s	RES, CHIP 15 (1005)
R1247	1-208-867-81 s	RES, CHIP 150 (1005)
R1248	1-208-867-81 s	RES, CHIP 150 (1005)
R1249	1-208-867-81 s	RES, CHIP 150 (1005)
R1250	1-208-867-81 s	RES, CHIP 150 (1005)
R1251	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1252	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1253	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1254	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1255	1-208-871-81 s	RES, CHIP 220 (1005)
R1256	1-208-863-81 s	RES, CHIP 100 (1005)
R1257	1-220-878-81 s	RES, CHIP 22 (1005)
R1258	1-220-878-81 s	RES, CHIP 22 (1005)
R1259	1-220-878-81 s	RES, CHIP 22 (1005)
R1260	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1261	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1262	1-208-867-81 s	RES, CHIP 150 (1005)
R1263	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1264	1-208-867-81 s	RES, CHIP 150 (1005)
R1265	1-208-867-81 s	RES, CHIP 150 (1005)
R1266	1-208-867-81 s	RES, CHIP 150 (1005)
R1267	1-208-871-81 s	RES, CHIP 220 (1005)
R1268	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1269	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1270	1-220-878-81 s	RES, CHIP 22 (1005)
R1271	1-208-911-81 s	RES, CHIP 10K (1005)
R1272	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1273	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1274	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1275	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1276	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1277	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1278	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1284	1-208-907-81 s	RES, CHIP 6.8K (1005)
R1285	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1286	1-208-935-81 s	RES, CHIP 100K (1005)
R1287	1-208-907-81 s	RES, CHIP 6.8K (1005)
R1288	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1289	1-208-935-81 s	RES, CHIP 100K (1005)
R1298	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1299	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1301	1-208-863-81 s	RES, CHIP 100 (1005)
R1302	1-208-863-81 s	RES, CHIP 100 (1005)
R1303	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1304	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1309	1-208-863-81 s	RES, CHIP 100 (1005)
R1310	1-208-863-81 s	RES, CHIP 100 (1005)
R1311	1-208-863-81 s	RES, CHIP 100 (1005)
R1312	1-208-935-81 s	RES, CHIP 100K (1005)

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R1313	1-208-863-81 s	RES, CHIP 100 (1005)
R1314	1-208-855-81 s	RES, CHIP 47 (1005)
R1315	1-208-875-81 s	RES, CHIP 330 (1005)
R1316	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1317	1-208-855-81 s	RES, CHIP 47 (1005)
R1320	1-208-935-81 s	RES, CHIP 100K (1005)
R1328	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1329	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1330	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1335	1-208-863-81 s	RES, CHIP 100 (1005)
R1336	1-208-863-81 s	RES, CHIP 100 (1005)
R1337	1-208-911-81 s	RES, CHIP 10K (1005)
R1338	1-208-911-81 s	RES, CHIP 10K (1005)
R1341	1-208-875-81 s	RES, CHIP 330 (1005)
R1343	1-208-875-81 s	RES, CHIP 330 (1005)
R1344	1-208-875-81 s	RES, CHIP 330 (1005)
R1346	1-208-939-81 s	RES, CHIP 150K (1005)
R1347	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1348	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1349	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1350	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1351	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1352	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1353	1-208-919-81 s	RES, CHIP 22K (1005)
R1354	1-208-871-81 s	RES, CHIP 220 (1005)
R1356	1-208-911-81 s	RES, CHIP 10K (1005)
R1357	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1358	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1359	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1360	1-208-931-81 s	RES, CHIP 68K (1005)
R1361	1-208-863-81 s	RES, CHIP 100 (1005)
R1362	1-208-867-81 s	RES, CHIP 150 (1005)
R1363	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1364	1-208-915-81 s	RES, CHIP 15K (1005)
R1365	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1366	1-208-935-81 s	RES, CHIP 100K (1005)
R1367	1-208-951-81 s	RES, CHIP 470K (1005)
R1368	1-208-863-81 s	RES, CHIP 100 (1005)
R1369	1-208-863-81 s	RES, CHIP 100 (1005)
R1370	1-208-915-81 s	RES, CHIP 15K (1005)
R1371	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1372	1-208-935-81 s	RES, CHIP 100K (1005)
R1373	1-208-951-81 s	RES, CHIP 470K (1005)
R1375	1-208-863-81 s	RES, CHIP 100 (1005)
R1376	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1377	1-208-931-81 s	RES, CHIP 68K (1005)
R1378	1-208-867-81 s	RES, CHIP 150 (1005)
R1379	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1380	1-208-875-81 s	RES, CHIP 330 (1005)
R1381	1-208-875-81 s	RES, CHIP 330 (1005)
R1382	1-208-871-81 s	RES, CHIP 220 (1005)
R1383	1-208-875-81 s	RES, CHIP 330 (1005)
R1384	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1385	1-208-871-81 s	RES, CHIP 220 (1005)
R1386	1-208-863-81 s	RES, CHIP 100 (1005)
R1387	1-208-855-81 s	RES, CHIP 47 (1005)
R1388	1-208-863-81 s	RES, CHIP 100 (1005)
R1389	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1392	1-208-919-81 s	RES, CHIP 22K (1005)
R1393	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1394	1-208-863-81 s	RES, CHIP 100 (1005)
R1395	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1398	1-208-919-81 s	RES, CHIP 22K (1005)
R1399	1-208-911-81 s	RES, CHIP 10K (1005)
R1400	1-208-903-81 s	RES, CHIP 4.7K (1005)

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R1401	1-208-875-81 s	RES, CHIP 330 (1005)
R1402	1-208-907-81 s	RES, CHIP 6.8K (1005)
R1403	1-208-883-81 s	RES, CHIP 680 (1005)
R1404	1-208-875-81 s	RES, CHIP 330 (1005)
R1405	1-208-911-81 s	RES, CHIP 10K (1005)
R1406	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1407	1-208-875-81 s	RES, CHIP 330 (1005)
R1409	1-208-867-81 s	RES, CHIP 150 (1005)
R1411	1-208-883-81 s	RES, CHIP 680 (1005)
R1412	1-208-883-81 s	RES, CHIP 680 (1005)
R1413	1-208-883-81 s	RES, CHIP 680 (1005)
R1414	1-208-867-81 s	RES, CHIP 150 (1005)
R1415	1-208-867-81 s	RES, CHIP 150 (1005)
R1416	1-208-867-81 s	RES, CHIP 150 (1005)
R1417	1-208-863-81 s	RES, CHIP 100 (1005)
R1418	1-208-863-81 s	RES, CHIP 100 (1005)
R1421	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1423	1-208-935-81 s	RES, CHIP 100K (1005)
R1424	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1425	1-208-911-81 s	RES, CHIP 10K (1005)
R1426	1-208-863-81 s	RES, CHIP 100 (1005)
R1427	1-208-859-81 s	RES, CHIP 68 (1005)
R1428	1-208-863-81 s	RES, CHIP 100 (1005)
R1429	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1430	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1431	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1432	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1433	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1434	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1435	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1436	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1437	1-208-883-81 s	RES, CHIP 680 (1005)
R1438	1-208-923-81 s	RES, CHIP 33K (1005)
R1441	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1442	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1445	1-208-875-81 s	RES, CHIP 330 (1005)
R1446	1-208-875-81 s	RES, CHIP 330 (1005)
R1447	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1448	1-208-879-81 s	RES, CHIP 470 (1005)
R1449	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1450	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1457	1-220-874-81 s	RES, CHIP 15 (1005)
R1458	1-208-863-81 s	RES, CHIP 100 (1005)
R1459	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1460	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1461	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1462	1-208-911-81 s	RES, CHIP 10K (1005)
R1463	1-208-883-81 s	RES, CHIP 680 (1005)
R1464	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1465	1-208-871-81 s	RES, CHIP 220 (1005)
R1466	1-208-883-81 s	RES, CHIP 680 (1005)
R1467	1-208-867-81 s	RES, CHIP 150 (1005)
R1468	1-208-867-81 s	RES, CHIP 150 (1005)
R1469	1-208-883-81 s	RES, CHIP 680 (1005)
R1470	1-208-883-81 s	RES, CHIP 680 (1005)
R1471	1-208-867-81 s	RES, CHIP 150 (1005)
R1472	1-208-867-81 s	RES, CHIP 150 (1005)
R1473	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1474	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1475	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1476	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1477	1-208-859-81 s	RES, CHIP 68 (1005)
R1478	1-208-867-81 s	RES, CHIP 150 (1005)
R1479	1-208-867-81 s	RES, CHIP 150 (1005)
R1480	1-208-867-81 s	RES, CHIP 150 (1005)

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R1481	1-208-867-81 s	RES, CHIP 150 (1005)
R1482	1-208-867-81 s	RES, CHIP 150 (1005)
R1483	1-208-863-81 s	RES, CHIP 100 (1005)
R1484	1-208-863-81 s	RES, CHIP 100 (1005)
R1485	1-208-863-81 s	RES, CHIP 100 (1005)
R1486	1-208-863-81 s	RES, CHIP 100 (1005)
R1487	1-208-863-81 s	RES, CHIP 100 (1005)
R1488	1-208-855-81 s	RES, CHIP 47 (1005)
R1489	1-208-871-81 s	RES, CHIP 220 (1005)
R1490	1-208-855-81 s	RES, CHIP 47 (1005)
R1491	1-208-871-81 s	RES, CHIP 220 (1005)
R1492	1-220-878-81 s	RES, CHIP 22 (1005)
R1493	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1494	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1499	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1500	1-208-919-81 s	RES, CHIP 22K (1005)
R1501	1-208-927-81 s	RES, CHIP 47K (1005)
R1502	1-208-911-81 s	RES, CHIP 10K (1005)
R1503	1-208-863-81 s	RES, CHIP 100 (1005)
R1504	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1505	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1506	1-208-911-81 s	RES, CHIP 10K (1005)
R1507	1-208-911-81 s	RES, CHIP 10K (1005)
R1508	1-208-863-81 s	RES, CHIP 100 (1005)
R1509	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1510	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1511	1-208-911-81 s	RES, CHIP 10K (1005)
R1512	1-208-863-81 s	RES, CHIP 100 (1005)
R1513	1-208-863-81 s	RES, CHIP 100 (1005)
R1514	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1632	1-208-867-81 s	RES, CHIP 150 (1005)
R1633	1-208-867-81 s	RES, CHIP 150 (1005)
R1634	1-208-911-81 s	RES, CHIP 10K (1005)
R1635	1-208-863-81 s	RES, CHIP 100 (1005)
R1636	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1637	1-208-863-81 s	RES, CHIP 100 (1005)
R1638	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1639	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1640	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1767	1-208-863-81 s	RES, CHIP 100 (1005)
R1768	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1769	1-220-870-81 s	RES, CHIP 10 (1005)
R1770	1-208-863-81 s	RES, CHIP 100 (1005)
R1771	1-208-899-81 s	RES, CHIP 3.3K (1005)
R1772	1-220-870-81 s	RES, CHIP 10 (1005)
R1802	1-208-927-81 s	RES, CHIP 47K (1005)
R1803	1-208-935-81 s	RES, CHIP 100K (1005)
R1804	1-208-935-81 s	RES, CHIP 100K (1005)
R1805	1-208-935-81 s	RES, CHIP 100K (1005)
R1806	1-208-935-81 s	RES, CHIP 100K (1005)
R1807	1-220-870-81 s	RES, CHIP 10 (1005)
R1808	1-220-870-81 s	RES, CHIP 10 (1005)
R1809	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1811	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1813	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1814	1-208-863-81 s	RES, CHIP 100 (1005)
R1817	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1819	1-208-863-81 s	RES, CHIP 100 (1005)
R1820	1-208-863-81 s	RES, CHIP 100 (1005)
R1823	1-208-935-81 s	RES, CHIP 100K (1005)
R1824	1-208-935-81 s	RES, CHIP 100K (1005)
R1826	1-208-915-81 s	RES, CHIP 15K (1005)
R1827	1-220-870-81 s	RES, CHIP 10 (1005)
R1828	1-208-915-81 s	RES, CHIP 15K (1005)
R1829	1-208-915-81 s	RES, CHIP 15K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R1832	1-208-915-81 s	RES, CHIP 15K (1005)
R1833	1-220-870-81 s	RES, CHIP 10 (1005)
R1834	1-208-915-81 s	RES, CHIP 15K (1005)
R1835	1-208-915-81 s	RES, CHIP 15K (1005)
R1839	1-208-915-81 s	RES, CHIP 15K (1005)
R1840	1-208-911-81 s	RES, CHIP 10K (1005)
R1843	1-208-915-81 s	RES, CHIP 15K (1005)
R1844	1-220-870-81 s	RES, CHIP 10 (1005)
R1846	1-208-911-81 s	RES, CHIP 10K (1005)
R1848	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1849	1-208-935-81 s	RES, CHIP 100K (1005)
R1852	1-208-887-81 s	RES, CHIP 1.0K (1005)
R1853	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1855	1-208-915-81 s	RES, CHIP 15K (1005)
R1856	1-208-915-81 s	RES, CHIP 15K (1005)
R1857	1-208-883-81 s	RES, CHIP 680 (1005)
R1858	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1859	1-208-883-81 s	RES, CHIP 680 (1005)
R1860	1-208-883-81 s	RES, CHIP 680 (1005)
R1861	1-208-911-81 s	RES, CHIP 10K (1005)
R1863	1-208-911-81 s	RES, CHIP 10K (1005)
R1864	1-208-911-81 s	RES, CHIP 10K (1005)
R1865	1-208-935-81 s	RES, CHIP 100K (1005)
R1866	1-208-935-81 s	RES, CHIP 100K (1005)
R1867	1-208-883-81 s	RES, CHIP 680 (1005)
R1870	1-208-863-81 s	RES, CHIP 100 (1005)
R1872	1-208-863-81 s	RES, CHIP 100 (1005)
R1873	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1874	1-208-879-81 s	RES, CHIP 470 (1005)
R1877	1-208-863-81 s	RES, CHIP 100 (1005)
R1878	1-208-943-81 s	RES, CHIP 220K (1005)
R1880	1-208-943-81 s	RES, CHIP 220K (1005)
R1885	1-220-242-91 s	RES, SQUARE TYPE CHIP 22 (3225)
R1886	1-220-242-91 s	RES, SQUARE TYPE CHIP 22 (3225)
R1890	1-208-923-81 s	RES, CHIP 33K (1005)
R1892	1-208-927-81 s	RES, CHIP 47K (1005)
R1894	1-208-875-81 s	RES, CHIP 330 (1005)
R1895	1-208-891-81 s	RES, CHIP 1.5K (1005)
R1901	1-208-911-81 s	RES, CHIP 10K (1005)
R1903	1-208-879-81 s	RES, CHIP 470 (1005)
R1909	1-208-935-81 s	RES, CHIP 100K (1005)
R1910	1-208-935-81 s	RES, CHIP 100K (1005)
R1915	1-208-911-81 s	RES, CHIP 10K (1005)
R1917	1-208-903-81 s	RES, CHIP 4.7K (1005)
R1918	1-208-911-81 s	RES, CHIP 10K (1005)
R1920	1-208-919-81 s	RES, CHIP 22K (1005)
R1921	1-208-927-81 s	RES, CHIP 47K (1005)
R1922	1-208-927-81 s	RES, CHIP 47K (1005)
R1925	1-208-919-81 s	RES, CHIP 22K (1005)
R1926	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1927	1-208-895-81 s	RES, CHIP 2.2K (1005)
R1930	1-208-959-81 s	RES, CHIP 1M (1005)
R1931	1-208-911-81 s	RES, CHIP 10K (1005)
R1932	1-208-911-81 s	RES, CHIP 10K (1005)
R1933	1-208-911-81 s	RES, CHIP 10K (1005)
R1936	1-208-911-81 s	RES, CHIP 10K (1005)
R1939	1-208-919-81 s	RES, CHIP 22K (1005)
R1940	1-220-870-81 s	RES, CHIP 10 (1005)
R1941	1-220-870-81 s	RES, CHIP 10 (1005)
R1942	1-208-919-81 s	RES, CHIP 22K (1005)
R1943	1-220-870-81 s	RES, CHIP 10 (1005)
R1944	1-220-870-81 s	RES, CHIP 10 (1005)
R1945	1-208-863-81 s	RES, CHIP 100 (1005)
R1946	1-208-863-81 s	RES, CHIP 100 (1005)
R1947	1-208-915-81 s	RES, CHIP 15K (1005)

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R2079	1-208-927-81 s	RES, CHIP 47K (1005)
R2080	1-208-927-81 s	RES, CHIP 47K (1005)
R2081	1-208-927-81 s	RES, CHIP 47K (1005)
R2082	1-208-911-81 s	RES, CHIP 10K (1005)
R2083	1-208-911-81 s	RES, CHIP 10K (1005)
R2084	1-208-911-81 s	RES, CHIP 10K (1005)
R2085	1-208-911-81 s	RES, CHIP 10K (1005)
R2086	1-208-911-81 s	RES, CHIP 10K (1005)
R2087	1-208-911-81 s	RES, CHIP 10K (1005)
R2088	1-208-911-81 s	RES, CHIP 10K (1005)
R2089	1-208-911-81 s	RES, CHIP 10K (1005)
R2090	1-208-911-81 s	RES, CHIP 10K (1005)
R2091	1-208-911-81 s	RES, CHIP 10K (1005)
R2092	1-208-911-81 s	RES, CHIP 10K (1005)
R2093	1-208-911-81 s	RES, CHIP 10K (1005)
R2094	1-211-969-91 s	RES, CHIP 10 (1608)
R2095	1-208-911-81 s	RES, CHIP 10K (1005)
R2096	1-211-969-91 s	RES, CHIP 10 (1608)
R2097	1-208-911-81 s	RES, CHIP 10K (1005)
R2098	1-211-969-91 s	RES, CHIP 10 (1608)
R2099	1-211-969-91 s	RES, CHIP 10 (1608)
R2100	1-208-935-81 s	RES, CHIP 100K (1005)
R2101	1-208-935-81 s	RES, CHIP 100K (1005)
R2102	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2103	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2104	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2105	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2106	1-208-935-81 s	RES, CHIP 100K (1005)
R2107	1-208-935-81 s	RES, CHIP 100K (1005)
R2108	1-208-911-81 s	RES, CHIP 10K (1005)
R2109	1-208-911-81 s	RES, CHIP 10K (1005)
R2110	1-208-911-81 s	RES, CHIP 10K (1005)
R2111	1-208-911-81 s	RES, CHIP 10K (1005)
R2112	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2113	1-208-927-81 s	RES, CHIP 47K (1005)
R2114	1-208-919-81 s	RES, CHIP 22K (1005)
R2115	1-208-919-81 s	RES, CHIP 22K (1005)
R2116	1-208-927-81 s	RES, CHIP 47K (1005)
R2117	1-208-919-81 s	RES, CHIP 22K (1005)
R2118	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2119	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2120	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2121	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2122	1-208-919-81 s	RES, CHIP 22K (1005)
R2123	1-208-911-81 s	RES, CHIP 10K (1005)
R2124	1-208-911-81 s	RES, CHIP 10K (1005)
R2125	1-208-911-81 s	RES, CHIP 10K (1005)
R2126	1-208-959-81 s	RES, CHIP 1M (1005)
R2127	1-208-911-81 s	RES, CHIP 10K (1005)
R2128	1-208-927-81 s	RES, CHIP 47K (1005)
R2129	1-208-919-81 s	RES, CHIP 22K (1005)
R2130	1-208-911-81 s	RES, CHIP 10K (1005)
R2131	1-208-927-81 s	RES, CHIP 47K (1005)
R2132	1-208-919-81 s	RES, CHIP 22K (1005)
R2133	1-208-911-81 s	RES, CHIP 10K (1005)
R2134	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2136	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2137	1-220-878-81 s	RES, CHIP 22 (1005)
R2138	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2139	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2140	1-208-927-81 s	RES, CHIP 47K (1005)
R2142	1-220-878-81 s	RES, CHIP 22 (1005)
R2146	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2147	1-208-923-81 s	RES, CHIP 33K (1005)
R2148	1-208-911-81 s	RES, CHIP 10K (1005)

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R2149	1-208-923-81 s	RES, CHIP 33K (1005)
R2150	1-208-911-81 s	RES, CHIP 10K (1005)
R2151	1-208-923-81 s	RES, CHIP 33K (1005)
R2156	1-208-863-81 s	RES, CHIP 100 (1005)
R2157	1-208-911-81 s	RES, CHIP 10K (1005)
R2158	1-208-923-81 s	RES, CHIP 33K (1005)
R2159	1-208-911-81 s	RES, CHIP 10K (1005)
R2161	1-208-863-81 s	RES, CHIP 100 (1005)
R2162	1-208-863-81 s	RES, CHIP 100 (1005)
R2163	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2164	1-208-911-81 s	RES, CHIP 10K (1005)
R2165	1-208-911-81 s	RES, CHIP 10K (1005)
R2166	1-208-927-81 s	RES, CHIP 47K (1005)
R2167	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2168	1-208-863-81 s	RES, CHIP 100 (1005)
R2169	1-208-863-81 s	RES, CHIP 100 (1005)
R2170	1-208-911-81 s	RES, CHIP 10K (1005)
R2171	1-208-911-81 s	RES, CHIP 10K (1005)
R2172	1-208-927-81 s	RES, CHIP 47K (1005)
R2174	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2201	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2202	1-220-870-81 s	RES, CHIP 10 (1005)
R2203	1-220-870-81 s	RES, CHIP 10 (1005)
R2204	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2205	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2206	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2207	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2208	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2209	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2210	1-208-891-81 s	RES, CHIP 1.5K (1005)
R2211	1-208-891-81 s	RES, CHIP 1.5K (1005)
R2212	1-208-891-81 s	RES, CHIP 1.5K (1005)
R2213	1-208-891-81 s	RES, CHIP 1.5K (1005)
R2214	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2215	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2216	1-208-927-81 s	RES, CHIP 47K (1005)
R2217	1-208-927-81 s	RES, CHIP 47K (1005)
R2218	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2219	1-208-935-81 s	RES, CHIP 100K (1005)
R2220	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2221	1-208-935-81 s	RES, CHIP 100K (1005)
R2223	1-208-911-81 s	RES, CHIP 10K (1005)
R2225	1-208-911-81 s	RES, CHIP 10K (1005)
R2226	1-208-863-81 s	RES, CHIP 100 (1005)
R2227	1-208-863-81 s	RES, CHIP 100 (1005)
R2228	1-208-919-81 s	RES, CHIP 22K (1005)
R2229	1-208-919-81 s	RES, CHIP 22K (1005)
R2230	1-220-870-81 s	RES, CHIP 10 (1005)
R2231	1-220-870-81 s	RES, CHIP 10 (1005)
R2232	1-220-870-81 s	RES, CHIP 10 (1005)
R2233	1-220-870-81 s	RES, CHIP 10 (1005)
R2234	1-208-919-81 s	RES, CHIP 22K (1005)
R2235	1-208-919-81 s	RES, CHIP 22K (1005)
R2236	1-208-863-81 s	RES, CHIP 100 (1005)
R2237	1-208-863-81 s	RES, CHIP 100 (1005)
R2238	1-208-919-81 s	RES, CHIP 22K (1005)
R2239	1-208-919-81 s	RES, CHIP 22K (1005)
R2240	1-216-813-91 s	RES, CHIP 220 (1608)
R2241	1-216-813-91 s	RES, CHIP 220 (1608)
R2242	1-216-813-91 s	RES, CHIP 220 (1608)
R2243	1-216-813-91 s	RES, CHIP 220 (1608)
R2244	1-216-813-91 s	RES, CHIP 220 (1608)
R2245	1-216-813-91 s	RES, CHIP 220 (1608)
R2246	1-216-813-91 s	RES, CHIP 220 (1608)
R2247	1-216-813-91 s	RES, CHIP 220 (1608)

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R2248	1-208-911-81 s	RES, CHIP 10K (1005)
R2249	1-208-911-81 s	RES, CHIP 10K (1005)
R2250	1-208-911-81 s	RES, CHIP 10K (1005)
R2251	1-208-911-81 s	RES, CHIP 10K (1005)
R2252	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2253	1-208-919-81 s	RES, CHIP 22K (1005)
R2254	1-208-935-81 s	RES, CHIP 100K (1005)
R2255	1-208-919-81 s	RES, CHIP 22K (1005)
R2256	1-208-935-81 s	RES, CHIP 100K (1005)
R2257	1-208-935-81 s	RES, CHIP 100K (1005)
R2258	1-208-935-81 s	RES, CHIP 100K (1005)
R2259	1-208-959-81 s	RES, CHIP 1M (1005)
R2260	1-208-911-81 s	RES, CHIP 10K (1005)
R2261	1-208-911-81 s	RES, CHIP 10K (1005)
R2262	1-208-863-81 s	RES, CHIP 100 (1005)
R2263	1-208-863-81 s	RES, CHIP 100 (1005)
R2264	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2265	1-208-911-81 s	RES, CHIP 10K (1005)
R2266	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2267	1-208-911-81 s	RES, CHIP 10K (1005)
R2269	1-208-911-81 s	RES, CHIP 10K (1005)
R2301	1-208-911-81 s	RES, CHIP 10K (1005)
R2302	1-208-911-81 s	RES, CHIP 10K (1005)
R2303	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2304	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2305	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2306	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2307	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2308	1-208-855-81 s	RES, CHIP 47 (1005)
R2309	1-208-911-81 s	RES, CHIP 10K (1005)
R2310	1-208-911-81 s	RES, CHIP 10K (1005)
R2311	1-208-927-81 s	RES, CHIP 47K (1005)
R2312	1-208-927-81 s	RES, CHIP 47K (1005)
R2313	1-208-863-81 s	RES, CHIP 100 (1005)
R2314	1-208-927-81 s	RES, CHIP 47K (1005)
R2315	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2316	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2317	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2318	1-208-863-81 s	RES, CHIP 100 (1005)
R2319	1-208-855-81 s	RES, CHIP 47 (1005)
R2320	1-208-855-81 s	RES, CHIP 47 (1005)
R2321	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2322	1-208-911-81 s	RES, CHIP 10K (1005)
R2323	1-208-863-81 s	RES, CHIP 100 (1005)
R2324	1-208-855-81 s	RES, CHIP 47 (1005)
R2325	1-208-855-81 s	RES, CHIP 47 (1005)
R2326	1-208-855-81 s	RES, CHIP 47 (1005)
R2327	1-208-855-81 s	RES, CHIP 47 (1005)
R2328	1-208-863-81 s	RES, CHIP 100 (1005)
R2329	1-208-855-81 s	RES, CHIP 47 (1005)
R2330	1-208-911-81 s	RES, CHIP 10K (1005)
R2331	1-208-911-81 s	RES, CHIP 10K (1005)
R2332	1-208-863-81 s	RES, CHIP 100 (1005)
R2333	1-208-855-81 s	RES, CHIP 47 (1005)
R2334	1-220-878-81 s	RES, CHIP 22 (1005)
R2335	1-208-855-81 s	RES, CHIP 47 (1005)
R2336	1-208-855-81 s	RES, CHIP 47 (1005)
R2338	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2340	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2341	1-208-863-81 s	RES, CHIP 100 (1005)
R2342	1-208-863-81 s	RES, CHIP 100 (1005)
R2343	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2344	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2345	1-208-863-81 s	RES, CHIP 100 (1005)
R2346	1-208-863-81 s	RES, CHIP 100 (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R2347	1-208-863-81 s	RES, CHIP 100 (1005)
R2348	1-208-863-81 s	RES, CHIP 100 (1005)
R2349	1-208-863-81 s	RES, CHIP 100 (1005)
R2350	1-208-863-81 s	RES, CHIP 100 (1005)
R2351	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2352	1-208-923-81 s	RES, CHIP 33K (1005)
R2353	1-208-919-81 s	RES, CHIP 22K (1005)
R2354	1-208-919-81 s	RES, CHIP 22K (1005)
R2355	1-220-870-81 s	RES, CHIP 10 (1005)
R2356	1-220-870-81 s	RES, CHIP 10 (1005)
R2357	1-208-927-81 s	RES, CHIP 47K (1005)
R2358	1-208-863-81 s	RES, CHIP 100 (1005)
R2359	1-208-863-81 s	RES, CHIP 100 (1005)
R2360	1-208-959-81 s	RES, CHIP 1M (1005)
R2361	1-208-919-81 s	RES, CHIP 22K (1005)
R2362	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2363	1-208-855-81 s	RES, CHIP 47 (1005)
R2364	1-208-863-81 s	RES, CHIP 100 (1005)
R2365	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2366	1-208-855-81 s	RES, CHIP 47 (1005)
R2367	1-208-863-81 s	RES, CHIP 100 (1005)
R2368	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2370	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2371	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2372	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2373	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2375	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2377	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2378	1-220-878-81 s	RES, CHIP 22 (1005)
R2379	1-220-878-81 s	RES, CHIP 22 (1005)
R2380	1-208-911-81 s	RES, CHIP 10K (1005)
R2381	1-208-927-81 s	RES, CHIP 47K (1005)
R2382	1-208-863-81 s	RES, CHIP 100 (1005)
R2383	1-208-863-81 s	RES, CHIP 100 (1005)
R2384	1-208-863-81 s	RES, CHIP 100 (1005)
R2385	1-208-863-81 s	RES, CHIP 100 (1005)
R2386	1-208-863-81 s	RES, CHIP 100 (1005)
R2387	1-208-863-81 s	RES, CHIP 100 (1005)
R2388	1-208-863-81 s	RES, CHIP 100 (1005)
R2389	1-208-863-81 s	RES, CHIP 100 (1005)
R2390	1-208-863-81 s	RES, CHIP 100 (1005)
R2391	1-208-863-81 s	RES, CHIP 100 (1005)
R2392	1-208-863-81 s	RES, CHIP 100 (1005)
R2393	1-208-863-81 s	RES, CHIP 100 (1005)
R2396	1-208-863-81 s	RES, CHIP 100 (1005)
R2397	1-208-863-81 s	RES, CHIP 100 (1005)
R2398	1-208-911-81 s	RES, CHIP 10K (1005)
R2399	1-208-911-81 s	RES, CHIP 10K (1005)
R2400	1-208-935-81 s	RES, CHIP 100K (1005)
R2401	1-208-935-81 s	RES, CHIP 100K (1005)
R2406	1-208-927-81 s	RES, CHIP 47K (1005)
R2407	1-208-927-81 s	RES, CHIP 47K (1005)
R2409	1-208-863-81 s	RES, CHIP 100 (1005)
R2410	1-208-863-81 s	RES, CHIP 100 (1005)
R2411	1-208-863-81 s	RES, CHIP 100 (1005)
R2412	1-208-863-81 s	RES, CHIP 100 (1005)
R2413	1-208-863-81 s	RES, CHIP 100 (1005)
R2414	1-208-863-81 s	RES, CHIP 100 (1005)
R2415	1-208-863-81 s	RES, CHIP 100 (1005)
R2416	1-208-863-81 s	RES, CHIP 100 (1005)
R2417	1-208-863-81 s	RES, CHIP 100 (1005)
R2418	1-208-863-81 s	RES, CHIP 100 (1005)
R2419	1-208-863-81 s	RES, CHIP 100 (1005)
R2420	1-208-863-81 s	RES, CHIP 100 (1005)
R2421	1-208-887-81 s	RES, CHIP 1.0K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R2422	1-208-863-81 s	RES, CHIP 100 (1005)
R2423	1-208-911-81 s	RES, CHIP 10K (1005)
R2425	1-208-911-81 s	RES, CHIP 10K (1005)
R2426	1-208-863-81 s	RES, CHIP 100 (1005)
R2427	1-208-863-81 s	RES, CHIP 100 (1005)
R2428	1-208-863-81 s	RES, CHIP 100 (1005)
R2429	1-208-863-81 s	RES, CHIP 100 (1005)
R2430	1-208-863-81 s	RES, CHIP 100 (1005)
R2431	1-208-863-81 s	RES, CHIP 100 (1005)
R2432	1-208-911-81 s	RES, CHIP 10K (1005)
R2434	1-208-863-81 s	RES, CHIP 100 (1005)
R2435	1-208-863-81 s	RES, CHIP 100 (1005)
R2436	1-208-863-81 s	RES, CHIP 100 (1005)
R2437	1-208-863-81 s	RES, CHIP 100 (1005)
R2438	1-208-855-81 s	RES, CHIP 47 (1005)
R2439	1-208-855-81 s	RES, CHIP 47 (1005)
R2501	1-208-867-81 s	RES, CHIP 150 (1005)
R2502	1-208-867-81 s	RES, CHIP 150 (1005)
R2503	1-208-911-81 s	RES, CHIP 10K (1005)
R2504	1-208-863-81 s	RES, CHIP 100 (1005)
R2505	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2506	1-208-863-81 s	RES, CHIP 100 (1005)
R2508	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2509	1-208-875-81 s	RES, CHIP 330 (1005)
R2510	1-208-879-81 s	RES, CHIP 470 (1005)
R2511	1-208-863-81 s	RES, CHIP 100 (1005)
R2512	1-208-891-81 s	RES, CHIP 1.5K (1005)
R2514	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2515	1-208-927-81 s	RES, CHIP 47K (1005)
R2516	1-208-863-81 s	RES, CHIP 100 (1005)
R2517	1-208-863-81 s	RES, CHIP 100 (1005)
R2518	1-208-863-81 s	RES, CHIP 100 (1005)
R2519	1-208-855-81 s	RES, CHIP 47 (1005)
R2520	1-208-855-81 s	RES, CHIP 47 (1005)
R2521	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2522	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2523	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2524	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2525	1-208-863-81 s	RES, CHIP 100 (1005)
R2526	1-208-911-81 s	RES, CHIP 10K (1005)
R2527	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2528	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2529	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2530	1-208-863-81 s	RES, CHIP 100 (1005)
R2531	1-208-863-81 s	RES, CHIP 100 (1005)
R2532	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2533	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2534	1-208-863-81 s	RES, CHIP 100 (1005)
R2535	1-208-863-81 s	RES, CHIP 100 (1005)
R2536	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2537	1-208-863-81 s	RES, CHIP 100 (1005)
R2538	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2539	1-220-870-81 s	RES, CHIP 10 (1005)
R2540	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2541	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2542	1-208-875-81 s	RES, CHIP 330 (1005)
R2543	1-220-870-81 s	RES, CHIP 10 (1005)
R2544	1-220-870-81 s	RES, CHIP 10 (1005)
R2549	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2550	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2551	1-208-863-81 s	RES, CHIP 100 (1005)
R2556	1-208-863-81 s	RES, CHIP 100 (1005)
R2557	1-208-875-81 s	RES, CHIP 330 (1005)
R2558	1-208-855-81 s	RES, CHIP 47 (1005)
R2559	1-208-871-81 s	RES, CHIP 220 (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R2560	1-208-863-81 s	RES, CHIP 100 (1005)
R2562	1-220-870-81 s	RES, CHIP 10 (1005)
R2563	1-208-863-81 s	RES, CHIP 100 (1005)
R2564	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2565	1-208-863-81 s	RES, CHIP 100 (1005)
R2566	1-220-870-81 s	RES, CHIP 10 (1005)
R2567	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2568	1-208-863-81 s	RES, CHIP 100 (1005)
R2569	1-208-911-81 s	RES, CHIP 10K (1005)
R2571	1-208-911-81 s	RES, CHIP 10K (1005)
R2574	1-208-855-81 s	RES, CHIP 47 (1005)
R2576	1-208-863-81 s	RES, CHIP 100 (1005)
R2577	1-208-863-81 s	RES, CHIP 100 (1005)
R2578	1-208-863-81 s	RES, CHIP 100 (1005)
R2579	1-208-927-81 s	RES, CHIP 47K (1005)
R2580	1-208-863-81 s	RES, CHIP 100 (1005)
R2581	1-208-863-81 s	RES, CHIP 100 (1005)
R2582	1-208-927-81 s	RES, CHIP 47K (1005)
R2583	1-208-863-81 s	RES, CHIP 100 (1005)
R2584	1-208-911-81 s	RES, CHIP 10K (1005)
R2585	1-208-927-81 s	RES, CHIP 47K (1005)
R2586	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2587	1-208-855-81 s	RES, CHIP 47 (1005)
R2588	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2590	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2592	1-208-855-81 s	RES, CHIP 47 (1005)
R2594	1-208-919-81 s	RES, CHIP 22K (1005)
R2595	1-208-863-81 s	RES, CHIP 100 (1005)
R2596	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2597	1-208-911-81 s	RES, CHIP 10K (1005)
R2598	1-208-919-81 s	RES, CHIP 22K (1005)
R2599	1-208-915-81 s	RES, CHIP 15K (1005)
R2600	1-208-955-81 s	RES, CHIP 680K (1005)
R2601	1-208-919-81 s	RES, CHIP 22K (1005)
R2602	1-208-947-81 s	RES, CHIP 330K (1005)
R2603	1-208-863-81 s	RES, CHIP 100 (1005)
R2604	1-208-863-81 s	RES, CHIP 100 (1005)
R2605	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2606	1-208-863-81 s	RES, CHIP 100 (1005)
R2607	1-208-863-81 s	RES, CHIP 100 (1005)
R2608	1-208-863-81 s	RES, CHIP 100 (1005)
R2609	1-208-907-81 s	RES, CHIP 6.8K (1005)
R2611	1-208-927-81 s	RES, CHIP 47K (1005)
R2612	1-208-955-81 s	RES, CHIP 680K (1005)
R2613	1-208-951-81 s	RES, CHIP 470K (1005)
R2614	1-208-863-81 s	RES, CHIP 100 (1005)
R2615	1-208-927-81 s	RES, CHIP 47K (1005)
R2616	1-208-855-81 s	RES, CHIP 47 (1005)
R2617	1-208-911-81 s	RES, CHIP 10K (1005)
R2618	1-208-863-81 s	RES, CHIP 100 (1005)
R2619	1-208-927-81 s	RES, CHIP 47K (1005)
R2620	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2621	1-208-855-81 s	RES, CHIP 47 (1005)
R2622	1-208-939-81 s	RES, CHIP 150K (1005)
R2623	1-208-935-81 s	RES, CHIP 100K (1005)
R2624	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2625	1-208-911-81 s	RES, CHIP 10K (1005)
R2626	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2627	1-208-919-81 s	RES, CHIP 22K (1005)
R2628	1-208-863-81 s	RES, CHIP 100 (1005)
R2629	1-208-863-81 s	RES, CHIP 100 (1005)
R2630	1-208-863-81 s	RES, CHIP 100 (1005)
R2631	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2632	1-208-911-81 s	RES, CHIP 10K (1005)
R2633	1-208-919-81 s	RES, CHIP 22K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R2634	1-208-915-81 s	RES, CHIP 15K (1005)
R2635	1-208-919-81 s	RES, CHIP 22K (1005)
R2636	1-208-947-81 s	RES, CHIP 330K (1005)
R2637	1-208-899-81 s	RES, CHIP 3.3K (1005)
R2638	1-208-911-81 s	RES, CHIP 10K (1005)
R2639	1-208-911-81 s	RES, CHIP 10K (1005)
R2640	1-208-863-81 s	RES, CHIP 100 (1005)
R2641	1-208-907-81 s	RES, CHIP 6.8K (1005)
R2642	1-208-863-81 s	RES, CHIP 100 (1005)
R2643	1-208-911-81 s	RES, CHIP 10K (1005)
R2644	1-208-863-81 s	RES, CHIP 100 (1005)
R2646	1-208-863-81 s	RES, CHIP 100 (1005)
R2647	1-208-863-81 s	RES, CHIP 100 (1005)
R2648	1-208-863-81 s	RES, CHIP 100 (1005)
R2649	1-208-863-81 s	RES, CHIP 100 (1005)
R2650	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2651	1-208-863-81 s	RES, CHIP 100 (1005)
R2652	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2653	1-208-863-81 s	RES, CHIP 100 (1005)
R2654	1-208-863-81 s	RES, CHIP 100 (1005)
R2656	1-208-863-81 s	RES, CHIP 100 (1005)
R2657	1-208-863-81 s	RES, CHIP 100 (1005)
R2658	1-208-863-81 s	RES, CHIP 100 (1005)
R2659	1-208-863-81 s	RES, CHIP 100 (1005)
R2660	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2661	1-208-863-81 s	RES, CHIP 100 (1005)
R2662	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2663	1-208-863-81 s	RES, CHIP 100 (1005)
R2664	1-208-863-81 s	RES, CHIP 100 (1005)
R2665	1-208-863-81 s	RES, CHIP 100 (1005)
R2666	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2667	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2668	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2669	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2673	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2674	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2675	1-208-919-81 s	RES, CHIP 22K (1005)
R2676	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2677	1-208-923-81 s	RES, CHIP 33K (1005)
R2678	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2679	1-208-927-81 s	RES, CHIP 47K (1005)
R2680	1-208-927-81 s	RES, CHIP 47K (1005)
R2681	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2682	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2683	1-208-863-81 s	RES, CHIP 100 (1005)
R2684	1-208-927-81 s	RES, CHIP 47K (1005)
R2685	1-208-927-81 s	RES, CHIP 47K (1005)
R2686	1-208-911-81 s	RES, CHIP 10K (1005)
R2687	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2688	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2689	1-208-863-81 s	RES, CHIP 100 (1005)
R2690	1-208-911-81 s	RES, CHIP 10K (1005)
R2691	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2692	1-208-935-81 s	RES, CHIP 100K (1005)
R2693	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2694	1-208-911-81 s	RES, CHIP 10K (1005)
R2695	1-208-903-81 s	RES, CHIP 4.7K (1005)
R2696	1-208-911-81 s	RES, CHIP 10K (1005)
R2697	1-208-935-81 s	RES, CHIP 100K (1005)
R2698	1-208-855-81 s	RES, CHIP 47 (1005)
R2701	1-208-911-81 s	RES, CHIP 10K (1005)
R2702	1-208-911-81 s	RES, CHIP 10K (1005)
R2703	1-208-855-81 s	RES, CHIP 47 (1005)
R2705	1-208-863-81 s	RES, CHIP 100 (1005)
R2723	1-220-870-81 s	RES, CHIP 10 (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R2724	1-208-863-81 s	RES, CHIP 100 (1005)
R2727	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2728	1-208-911-81 s	RES, CHIP 10K (1005)
R2729	1-208-863-81 s	RES, CHIP 100 (1005)
R2730	1-208-895-81 s	RES, CHIP 2.2K (1005)
R2731	1-208-911-81 s	RES, CHIP 10K (1005)
R2732	1-208-863-81 s	RES, CHIP 100 (1005)
R2733	1-208-887-81 s	RES, CHIP 1.0K (1005)
R2734	1-208-887-81 s	RES, CHIP 1.0K (1005)
RB1	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB2	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB3	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB100	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB101	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB300	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB301	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB302	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB303	1-234-370-21 s	RES, NETWORK 22 (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)
RB307	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB308	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB309	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB310	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB311	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB312	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB313	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB314	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB315	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB316	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB317	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB318	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB319	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB320	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB321	1-234-371-21 s	RES, NETWORK 47 (1005X4)
RB322	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB323	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB324	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB325	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB402	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB403	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB404	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB405	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB406	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB407	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB408	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB409	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB410	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB411	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB412	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB414	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB415	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB416	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB417	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB600	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB601	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB602	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB603	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB604	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB605	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB606	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB607	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB608	1-234-370-21 s	RES, NETWORK 22 (1005X4)

[illegible][illegible]

DPR-337F BOARD

Ref. No. or Q'ty	Part No.	SP Description
RB1111	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB1112	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB1113	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB1114	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB1115	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB1116	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB1117	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB1118	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB1119	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB1120	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB1121	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB1122	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB1123	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB1124	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB1303	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB1304	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB1306	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB1307	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB1308	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB1309	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB1311	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB1312	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB1313	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB1801	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB1802	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB1803	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB2201	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB2301	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB2302	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB2303	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB2304	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB2305	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB2306	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB2307	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2308	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB2309	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB2310	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB2311	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB2312	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB2313	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB2314	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB2315	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB2317	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB2318	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB2321	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB2322	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2323	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RV1801	1-225-792-21 s	RES, ADJ, CERMET 10K
RV1802	1-225-792-21 s	RES, ADJ, CERMET 10K
RV2501	1-225-791-21 s	RES, ADJ, CERMET 5K
RY1801	1-755-380-21 s	RELAY
THP1	△ 1-805-725-11 s	THERMISTOR, POSITIVE
THP2	△ 1-802-243-11 s	THERMISTOR, POSITIVE
THP20	△ 1-805-725-11 s	THERMISTOR, POSITIVE
THP100	△ 1-804-458-21 s	THERMISTOR, POSITIVE
THP102	△ 1-804-987-21 s	THERMISTOR, POSITIVE
THP103	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP105	△ 1-803-615-21 s	THERMISTOR, POSITIVE
THP106	△ 1-804-458-21 s	THERMISTOR, POSITIVE
THP107	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP108	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP109	△ 1-803-615-21 s	THERMISTOR, POSITIVE

DPR-337F BOARD

Ref. No. or Q'ty	Part No.	SP Description
THP110	△ 1-803-615-21 s	THERMISTOR, POSITIVE
THP111	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP114	△ 1-804-987-21 s	THERMISTOR, POSITIVE
THP115	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP118	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP120	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP121	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP122	△ 1-804-616-21 s	THERMISTOR, POSITIVE
THP200	△ 1-804-616-21 s	THERMISTOR, POSITIVE
TP16	1-780-925-11 s	TERMINAL, LUG
TP17	1-780-925-11 s	TERMINAL, LUG
TP18	1-780-925-11 s	TERMINAL, LUG
TP19	1-780-925-11 s	TERMINAL, LUG
TP20	1-780-925-11 s	TERMINAL, LUG
TP300	1-535-877-22 s	CHIP, CHECKER
TP301	1-535-877-22 s	CHIP, CHECKER
TP401	1-535-877-22 s	CHIP, CHECKER
TP402	1-535-877-22 s	CHIP, CHECKER
TP700	1-535-877-22 s	CHIP, CHECKER
TP701	1-535-877-22 s	CHIP, CHECKER
TP1100	1-535-877-22 s	CHIP, CHECKER
TP1101	1-535-877-22 s	CHIP, CHECKER
TP1102	1-535-877-22 s	CHIP, CHECKER
TP1301	1-535-877-22 s	CHIP, CHECKER
TP1302	1-535-877-22 s	CHIP, CHECKER
TP1303	1-535-877-22 s	CHIP, CHECKER
TP1304	1-535-877-22 s	CHIP, CHECKER
TP1305	1-535-877-22 s	CHIP, CHECKER
TP1801	1-535-877-22 s	CHIP, CHECKER
TP1802	1-535-877-22 s	CHIP, CHECKER
TP2301	1-535-877-22 s	CHIP, CHECKER
TP2302	1-535-877-22 s	CHIP, CHECKER
TP2303	1-535-877-22 s	CHIP, CHECKER
TP2304	1-535-877-22 s	CHIP, CHECKER
TP2305	1-535-877-22 s	CHIP, CHECKER
TP2306	1-535-877-22 s	CHIP, CHECKER
TP2307	1-535-877-22 s	CHIP, CHECKER
TP2501	1-535-877-22 s	CHIP, CHECKER
TP2503	1-535-877-22 s	CHIP, CHECKER
TP2505	1-535-877-22 s	CHIP, CHECKER
X800	1-814-162-11 s	OSCILLATOR (VCO)
X801	1-814-162-11 s	OSCILLATOR (VCO)
X2301	1-813-253-12 s	OSCILLATOR, CRYSTAL (VCXO) 5V
X2501	1-795-764-12 s	OSCILLATOR, CRYSTAL (VCXO) 5V
X2502	1-795-671-12 s	OSCILLATOR, CRYSTAL (VCXO) 3.3V
X2503	1-795-670-12 s	OSCILLATOR, CRYSTAL (VCXO) 3.3V

LED-518 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1903-387-A s	MOUNTED CIRCUIT BOARD, LED-518
ND1	6-503-067-02 s	DI LF-3011MKN
ND2	6-503-067-02 s	DI LF-3011MKN
ND3	6-503-067-02 s	DI LF-3011MKN
ND4	6-503-067-02 s	DI LF-3011MKN
ND5	6-503-067-02 s	DI LF-3011MKN
ND6	6-503-067-02 s	DI LF-3011MKN

LED-519 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1903-388-A	s MOUNTED CIRCUIT BOARD, LED-519
C1	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C2	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C3	1-112-298-91	s CAP, CERAMIC 1MF B (1608)
CN1	1-778-646-31	s CONNECTOR, FFC/FPC(ZIF) ST 10P
D1	6-502-598-01	s DI SML-D12U8WT86
D2	6-502-598-01	s DI SML-D12U8WT86
D3	6-502-598-01	s DI SML-D12U8WT86
D4	6-501-358-01	s DIODE CL-197HG5-CD-T
D5	6-501-358-01	s DIODE CL-197HG5-CD-T
D6	6-501-358-01	s DIODE CL-197HG5-CD-T
FB1	1-400-462-21	s FERRITE, EMI (SMD) (1005)
Q1	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q2	8-729-929-09	s TRANSISTOR DTC123JE-TL
R1	1-208-883-81	s RES, CHIP 680 (1005)
R2	1-208-883-81	s RES, CHIP 680 (1005)
R4	1-208-887-81	s RES, CHIP 1.0K (1005)

PS-862 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1903-509-A	s MOUNTED CIRCUIT BOARD, PS-862
C1	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C2	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C3	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C4	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C11	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C12	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C13	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C14	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C24	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C25	1-165-467-21	s CAP, ELECT 47MF 8X10
C26	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C31	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C32	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C33	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C34	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C51	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C52	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C54	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C55	1-126-399-21	s CAP, CHIP ELECT 10MF (5X5.7)
C56	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C57	1-114-419-21	s CAP, CERAMIC 10MF B (2012)
C58	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C103	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C114	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C115	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C117	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C119	1-165-467-21	s CAP, ELECT 47MF 8X10
C120	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C123	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C124	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C125	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C126	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C128	1-165-467-21	s CAP, ELECT 47MF 8X10
C131	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C132	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005

PS-862 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C146	1-165-467-21	s CAP, ELECT 47MF 8X10
C301	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C302	1-114-479-91	s CAP, CERAMIC 2.2UF B 3225
C303	1-114-479-91	s CAP, CERAMIC 2.2UF B 3225
C308	1-165-467-21	s CAP, ELECT 47MF 8X10
C309	1-165-467-21	s CAP, ELECT 47MF 8X10
CN1	1-691-959-11	s PIN, CONNECTOR (PC BOARD) 4P
CN2	1-774-297-21	s PIN, CONNECTOR (PC BOARD) 7P
CN3	1-560-365-11	s CONNECTOR POST HEADER, ILG (3P)
CN5	1-770-627-21	s PIN, CONNECTOR 10P
CN006	1-766-178-11	o PIN, CONNECTOR (PC BOARD) 5P
D12	6-501-123-01	s DIODE RB160M-60TR
D301	8-719-069-28	s DI 1SS400FJTE61
D302	8-719-069-28	s DI 1SS400FJTE61
E1	1-780-925-11	s TERMINAL, LUG
E2	1-780-925-11	s TERMINAL, LUG
E3	1-780-925-11	s TERMINAL, LUG
E4	1-780-925-11	s TERMINAL, LUG
FB109	1-469-324-21	s FERRITE, EMI (SMD) (2012)
FB110	1-469-324-21	s FERRITE, EMI (SMD) (2012)
FB111	1-469-324-21	s FERRITE, EMI (SMD) (2012)
FB112	1-469-324-21	s FERRITE, EMI (SMD) (2012)
FB113	1-469-324-21	s FERRITE, EMI (SMD) (2012)
FB114	1-469-324-21	s FERRITE, EMI (SMD) (2012)
IC051	6-702-295-01	s IC NJM78M12DL1A-TE1
IC103	8-759-337-40	s IC NJM2904V(Te2)
L2	1-419-491-21	s COIL, CHOKE 10UH
L3	1-419-491-21	s COIL, CHOKE 10UH
L11	1-424-700-21	s COIL, CHOKE (SMD) 100UH
L12	1-424-700-21	s COIL, CHOKE (SMD) 100UH
L14	1-424-700-21	s COIL, CHOKE (SMD) 100UH
L31	1-419-491-21	s COIL, CHOKE 10UH
L32	1-419-491-21	s COIL, CHOKE 10UH
L051	1-481-182-21	s INDUCTOR 22UH
L052	1-481-182-21	s INDUCTOR 22UH
L053	1-481-182-21	s INDUCTOR 22UH
L054	1-481-182-21	s INDUCTOR 22UH
L101	1-481-182-21	s INDUCTOR 22UH
L103	1-419-491-21	s COIL, CHOKE 10UH
L104	1-419-491-21	s COIL, CHOKE 10UH
L105	1-419-491-21	s COIL, CHOKE 10UH
L106	1-419-491-21	s COIL, CHOKE 10UH
PH103	8-749-011-37	s PHOTO COUPLER TLP181(BL-TPR)
PH301	8-749-011-37	s PHOTO COUPLER TLP181(BL-TPR)
Q12	8-729-928-05	s TRANSISTOR 2SC4617TL-QR
Q51	8-729-928-05	s TRANSISTOR 2SC4617TL-QR
Q106	8-729-928-25	s TRANSISTOR 2SA1774TL-QR
Q107	8-729-928-82	s TRANSISTOR DTC144EE-TL
Q112	8-729-928-82	s TRANSISTOR DTC144EE-TL
Q301	8-729-928-05	s TRANSISTOR 2SC4617TL-QR
Q302	8-729-928-25	s TRANSISTOR 2SA1774TL-QR
Q303	8-729-928-25	s TRANSISTOR 2SA1774TL-QR
Q304	8-729-928-05	s TRANSISTOR 2SC4617TL-QR
Q305	8-729-928-28	s TRANSISTOR DTA144EE-TL
Q306	8-729-928-05	s TRANSISTOR 2SC4617TL-QR
Q307	8-729-928-25	s TRANSISTOR 2SA1774TL-QR
Q308	8-729-928-28	s TRANSISTOR DTA144EE-TL
Q309	8-729-928-05	s TRANSISTOR 2SC4617TL-QR
Q310	6-550-843-02	s TRANSISTOR 2SJ599-Z-E2-AZ
R17	1-218-977-81	s RES, CHIP 100K
R18	1-218-977-81	s RES, CHIP 100K
R055	1-218-965-81	s RES, CHIP 10K 1005

PS-862 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R56	1-218-977-81 s	RES, CHIP 100K
R57	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R60	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R130	1-216-841-91 s	RES, CHIP 47K (1608)
R132	1-208-935-81 s	RES, CHIP 100K (1005)
R133	1-208-935-81 s	RES, CHIP 100K (1005)
R134	1-208-935-81 s	RES, CHIP 100K (1005)
R135	1-208-935-81 s	RES, CHIP 100K (1005)
R144	1-208-911-81 s	RES, CHIP 10K (1005)
R145	1-208-895-81 s	RES, CHIP 2.2K (1005)
R146	1-208-911-81 s	RES, CHIP 10K (1005)
R147	1-218-953-81 s	RES, CHIP 1.0K
R148	1-208-911-81 s	RES, CHIP 10K (1005)
R149	1-208-915-81 s	RES, CHIP 15K (1005)
R301	1-208-943-81 s	RES, CHIP 220K (1005)
R302	1-208-943-81 s	RES, CHIP 220K (1005)
R303	1-208-943-81 s	RES, CHIP 220K (1005)
R304	1-208-863-81 s	RES, CHIP 100 (1005)
R305	1-208-943-81 s	RES, CHIP 220K (1005)
R306	1-218-953-81 s	RES, CHIP 1.0K
R307	1-208-935-81 s	RES, CHIP 100K (1005)
R308	1-208-943-81 s	RES, CHIP 220K (1005)
R309	1-208-943-81 s	RES, CHIP 220K (1005)
R310	1-208-935-81 s	RES, CHIP 100K (1005)
R311	1-208-943-81 s	RES, CHIP 220K (1005)
R312	1-208-935-81 s	RES, CHIP 100K (1005)
R313	1-208-927-81 s	RES, CHIP 47K (1005)
R314	1-208-935-81 s	RES, CHIP 100K (1005)
R315	1-208-911-81 s	RES, CHIP 10K (1005)
R316	1-208-911-81 s	RES, CHIP 10K (1005)
R317	1-208-923-81 s	RES, CHIP 33K (1005)
R318	1-208-943-81 s	RES, CHIP 220K (1005)
R319	1-208-935-81 s	RES, CHIP 100K (1005)
R320	1-208-911-81 s	RES, CHIP 10K (1005)
R321	1-208-911-81 s	RES, CHIP 10K (1005)
R322	1-208-911-81 s	RES, CHIP 10K (1005)
THP1	△ 1-810-106-91 s	THERMISTOR, POSITIVE LINEAR
THP11	△ 1-802-108-11 s	THERMISTOR, POSITIVE

SW-1572 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1903-510-A s	MOUNTED CIRCUIT BOARD, SW-1572
C1	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C2	1-114-386-11 s	CAP, NIOBIUM ELECT 100MF 105
C3	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C4	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C5	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C6	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C7	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C9	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C10	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C11	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C12	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C13	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C14	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C15	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C16	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C17	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C18	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005

SW-1572 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C19	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C20	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C21	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C22	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C23	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
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	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C27	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C28	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C29	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C30	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C31	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C32	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C33	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C34	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C35	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C36	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C37	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C38	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
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	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C44	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C45	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C46	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C47	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C48	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C49	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C50	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C51	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C52	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C53	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C54	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C63	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C64	1-100-055-21 s	CAP, CHIP CERAMIC 22MF B 3225
C65	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C66	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
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	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C70	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C71	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C72	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C73	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C74	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C75	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C76	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C77	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C78	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C79	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C80	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C81	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C82	1-117-142-21 s	CAP, ELECT 0.22MF
C83	1-117-142-21 s	CAP, ELECT 0.22MF
C84	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C85	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C86	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C87	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C88	1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C89	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C90	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C91	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005

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Ref. No. or Q'ty	Part No.	SP Description
C92	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C93	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C94	1-114-214-81 s	CAP,CHIP CERAMIC470PF CH1005
C95	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C96	1-112-298-91 s	CAP, CERAMIC 1MF B (1608)
C97	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C98	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C99	1-114-582-91 s	CAP, CERAMIC 0.1MF B 1005
C102	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C103	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C104	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C105	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C106	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C107	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C108	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C109	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C110	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C111	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C112	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C113	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C114	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C115	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C116	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C117	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C118	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C119	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C120	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C121	1-112-717-91 s	CAP, CERAMIC 1UF B (1005)
C122	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
C123	1-100-567-81 s	CAP,CHIP CERAMIC 0.01MF B 1005
CN1	1-770-625-21 s	PIN, CONNECTOR 8P
CN2	1-843-015-11 s	CONNECTOR, BOARD TO BOARD 60P
CN3	1-778-534-31 s	CONNECTOR, FFC/FPC(ZIF) ST 45P
CN4	1-778-646-31 s	CONNECTOR, FFC/FPC(ZIF) ST 10P
D1	6-501-358-01 s	DIODE CL-197HG5-CD-T
D2	6-502-598-01 s	DI SML-D12U8WT86
D3	6-501-503-01 s	DIODE SO-196SYG-CD-T
D4	6-501-503-01 s	DIODE SO-196SYG-CD-T
D5	6-501-503-01 s	DIODE SO-196SYG-CD-T
D6	6-502-196-01 s	DI SML-D12Y8WT86SP
D7	6-502-598-01 s	DI SML-D12U8WT86
D8	6-501-503-01 s	DIODE SO-196SYG-CD-T
D9	6-502-598-01 s	DI SML-D12U8WT86
D10	6-502-598-01 s	DI SML-D12U8WT86
D11	8-719-991-01 s	DIODE DAP222-TL
D400	6-502-598-01 s	DI SML-D12U8WT86
D402	6-501-503-01 s	DIODE SO-196SYG-CD-T
D403	6-502-598-01 s	DI SML-D12U8WT86
D404	6-501-503-01 s	DIODE SO-196SYG-CD-T
E1	1-535-877-22 s	CHIP, CHECKER
E2	1-535-877-22 s	CHIP, CHECKER
E3	1-535-877-22 s	CHIP, CHECKER
EN1	1-480-630-11 s	ENCODER, ROTARY
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)
FB5	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB6	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB7	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB8	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB9	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB12	1-414-864-21 s	FERRITE, EMI (SMD) (1608)

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Ref. No. or Q'ty	Part No.	SP Description
IC1	6-714-067-01 s	IC PCA9555DB-T
IC2	6-714-067-01 s	IC PCA9555DB-T
IC3	6-711-237-01 s	IC NJM2878F3-33 (TE2)
IC4	6-706-906-01 s	IC NJM2732RB1 (TE2)
IC5	6-706-906-01 s	IC NJM2732RB1 (TE2)
IC6	6-706-906-01 s	IC NJM2732RB1 (TE2)
IC7	6-706-906-01 s	IC NJM2732RB1 (TE2)
IC8	6-714-067-01 s	IC PCA9555DB-T
IC9	6-714-067-01 s	IC PCA9555DB-T
IC11	6-714-067-01 s	IC PCA9555DB-T
IC12	6-710-944-01 s	IC TC74VHC573FK (EL,K)
IC13	6-710-944-01 s	IC TC74VHC573FK (EL,K)
IC14	6-710-944-01 s	IC TC74VHC573FK (EL,K)
IC15	6-710-944-01 s	IC TC74VHC573FK (EL,K)
IC16	6-710-944-01 s	IC TC74VHC573FK (EL,K)
IC17	6-710-944-01 s	IC TC74VHC573FK (EL,K)
IC18	6-706-482-01 s	IC TC7SH00FU
IC19	8-759-422-21 s	IC NJM4580V (TE2)
L1	1-419-630-21 s	COIL, CHOKE 4.7UH
L2	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
L3	1-400-791-21 s	INDUCTOR, CHIP 10UH (2518)
Q1	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q2	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q3	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q4	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q5	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q6	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q7	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q8	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q9	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q10	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q11	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q12	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q13	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q14	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q15	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q16	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q17	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q18	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q19	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q20	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q21	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q22	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q23	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q24	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q25	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q26	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q27	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q28	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q29	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q30	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q31	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q32	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q33	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q34	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q35	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q36	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q37	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q38	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q39	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q40	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q41	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q42	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q43	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q45	8-729-928-25 s	TRANSISTOR 2SA1774TL-QR

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Ref. No. or Q'ty	Part No.	SP Description
Q46	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q47	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q48	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q49	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q50	8-729-231-96 s	TRANSISTOR 2SK880GR-TE85L
Q51	8-729-231-96 s	TRANSISTOR 2SK880GR-TE85L
Q52	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q53	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q54	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q55	6-551-042-01 s	TR RN4905
Q56	6-551-042-01 s	TR RN4905
Q57	6-551-042-01 s	TR RN4905
Q58	6-551-042-01 s	TR RN4905
Q59	6-551-042-01 s	TR RN4905
Q60	6-551-042-01 s	TR RN4905
Q61	6-551-042-01 s	TR RN4905
Q62	6-551-042-01 s	TR RN4905
Q63	6-551-042-01 s	TR RN4905
Q64	6-551-042-01 s	TR RN4905
Q65	6-551-042-01 s	TR RN4905
Q66	6-551-042-01 s	TR RN4905
Q67	6-551-042-01 s	TR RN4905
Q68	6-551-042-01 s	TR RN4905
Q69	6-551-042-01 s	TR RN4905
Q70	6-551-042-01 s	TR RN4905
Q71	6-551-042-01 s	TR RN4905
Q72	6-551-042-01 s	TR RN4905
Q73	6-551-042-01 s	TR RN4905
Q74	6-551-042-01 s	TR RN4905
Q75	6-551-042-01 s	TR RN4905
Q76	6-551-042-01 s	TR RN4905
Q77	6-551-042-01 s	TR RN4905
Q78	6-551-042-01 s	TR RN4905
Q79	6-551-042-01 s	TR RN4905
Q80	6-551-042-01 s	TR RN4905
Q81	6-551-042-01 s	TR RN4905
Q82	6-551-042-01 s	TR RN4905
Q83	6-551-042-01 s	TR RN4905
Q84	6-551-042-01 s	TR RN4905
Q85	6-551-042-01 s	TR RN4905
Q86	6-551-042-01 s	TR RN4905
Q87	6-551-042-01 s	TR RN4905
Q88	6-551-042-01 s	TR RN4905
Q89	6-551-042-01 s	TR RN4905
Q90	6-551-042-01 s	TR RN4905
Q91	6-551-042-01 s	TR RN4905
Q92	6-551-042-01 s	TR RN4905
Q93	6-551-042-01 s	TR RN4905
Q94	6-551-042-01 s	TR RN4905
Q95	6-551-042-01 s	TR RN4905
Q96	6-551-042-01 s	TR RN4905
Q97	6-551-042-01 s	TR RN4905
Q98	6-551-042-01 s	TR RN4905
Q99	6-551-042-01 s	TR RN4905
Q100	6-551-042-01 s	TR RN4905
Q101	6-551-042-01 s	TR RN4905
Q102	6-551-042-01 s	TR RN4905
Q400	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q401	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q402	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q403	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q404	8-729-929-09 s	TRANSISTOR DTC123JE-TL
Q405	8-729-928-37 s	TRANSISTOR DTA114EE-TL
Q406	8-729-929-09 s	TRANSISTOR DTC123JE-TL

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Ref. No. or Q'ty	Part No.	SP Description
Q407	8-729-928-37 s	TRANSISTOR DTA114EE-TL
R1	1-208-919-81 s	RES, CHIP 22K (1005)
R2	1-208-919-81 s	RES, CHIP 22K (1005)
R3	1-208-919-81 s	RES, CHIP 22K (1005)
R4	1-208-919-81 s	RES, CHIP 22K (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	1-208-895-81 s	RES, CHIP 2.2K (1005)
R10	1-208-887-81 s	RES, CHIP 1.0K (1005)
R11	1-208-875-81 s	RES, CHIP 330 (1005)
R12	1-208-875-81 s	RES, CHIP 330 (1005)
R13	1-208-883-81 s	RES, CHIP 680 (1005)
R14	1-208-879-81 s	RES, CHIP 470 (1005)
R15	1-208-879-81 s	RES, CHIP 470 (1005)
R17	1-208-875-81 s	RES, CHIP 330 (1005)
R19	1-208-883-81 s	RES, CHIP 680 (1005)
R21	1-208-879-81 s	RES, CHIP 470 (1005)
R22	1-208-863-81 s	RES, CHIP 100 (1005)
R23	1-208-863-81 s	RES, CHIP 100 (1005)
R24	1-208-879-81 s	RES, CHIP 470 (1005)
R27	1-208-875-81 s	RES, CHIP 330 (1005)
R29	1-208-879-81 s	RES, CHIP 470 (1005)
R31	1-208-875-81 s	RES, CHIP 330 (1005)
R32	1-208-879-81 s	RES, CHIP 470 (1005)
R35	1-208-875-81 s	RES, CHIP 330 (1005)
R36	1-208-875-81 s	RES, CHIP 330 (1005)
R38	1-208-875-81 s	RES, CHIP 330 (1005)
R39	1-208-883-81 s	RES, CHIP 680 (1005)
R40	1-208-879-81 s	RES, CHIP 470 (1005)
R41	1-208-879-81 s	RES, CHIP 470 (1005)
R43	1-208-875-81 s	RES, CHIP 330 (1005)
R44	1-208-879-81 s	RES, CHIP 470 (1005)
R46	1-208-863-81 s	RES, CHIP 100 (1005)
R47	1-208-863-81 s	RES, CHIP 100 (1005)
R49	1-208-875-81 s	RES, CHIP 330 (1005)
R51	1-208-875-81 s	RES, CHIP 330 (1005)
R52	1-208-879-81 s	RES, CHIP 470 (1005)
R55	1-208-871-81 s	RES, CHIP 220 (1005)
R57	1-208-875-81 s	RES, CHIP 330 (1005)
R59	1-208-879-81 s	RES, CHIP 470 (1005)
R60	1-208-879-81 s	RES, CHIP 470 (1005)
R63	1-208-875-81 s	RES, CHIP 330 (1005)
R65	1-208-875-81 s	RES, CHIP 330 (1005)
R67	1-208-863-81 s	RES, CHIP 100 (1005)
R68	1-208-863-81 s	RES, CHIP 100 (1005)
R69	1-208-879-81 s	RES, CHIP 470 (1005)
R70	1-208-879-81 s	RES, CHIP 470 (1005)
R73	1-208-875-81 s	RES, CHIP 330 (1005)
R74	1-208-875-81 s	RES, CHIP 330 (1005)
R77	1-208-879-81 s	RES, CHIP 470 (1005)
R78	1-208-879-81 s	RES, CHIP 470 (1005)
R81	1-208-875-81 s	RES, CHIP 330 (1005)
R82	1-208-875-81 s	RES, CHIP 330 (1005)
R85	1-208-879-81 s	RES, CHIP 470 (1005)
R87	1-208-875-81 s	RES, CHIP 330 (1005)
R89	1-208-863-81 s	RES, CHIP 100 (1005)
R90	1-208-863-81 s	RES, CHIP 100 (1005)
R91	1-208-879-81 s	RES, CHIP 470 (1005)
R93	1-208-875-81 s	RES, CHIP 330 (1005)
R95	1-208-887-81 s	RES, CHIP 1.0K (1005)
R96	1-208-887-81 s	RES, CHIP 1.0K (1005)
R97	1-208-887-81 s	RES, CHIP 1.0K (1005)
R98	1-208-879-81 s	RES, CHIP 470 (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R100	1-208-875-81 s	RES, CHIP 330 (1005)
R101	1-208-887-81 s	RES, CHIP 1.0K (1005)
R102	1-208-887-81 s	RES, CHIP 1.0K (1005)
R103	1-208-887-81 s	RES, CHIP 1.0K (1005)
R104	1-208-887-81 s	RES, CHIP 1.0K (1005)
R105	1-208-887-81 s	RES, CHIP 1.0K (1005)
R106	1-208-887-81 s	RES, CHIP 1.0K (1005)
R107	1-208-887-81 s	RES, CHIP 1.0K (1005)
R108	1-208-887-81 s	RES, CHIP 1.0K (1005)
R110	1-208-879-81 s	RES, CHIP 470 (1005)
R112	1-208-875-81 s	RES, CHIP 330 (1005)
R113	1-208-863-81 s	RES, CHIP 100 (1005)
R114	1-208-863-81 s	RES, CHIP 100 (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	1-208-863-81 s	RES, CHIP 100 (1005)
R120	1-208-863-81 s	RES, CHIP 100 (1005)
R121	1-208-863-81 s	RES, CHIP 100 (1005)
R122	1-208-863-81 s	RES, CHIP 100 (1005)
R123	1-208-863-81 s	RES, CHIP 100 (1005)
R124	1-208-919-81 s	RES, CHIP 22K (1005)
R125	1-208-863-81 s	RES, CHIP 100 (1005)
R126	1-208-863-81 s	RES, CHIP 100 (1005)
R127	1-208-919-81 s	RES, CHIP 22K (1005)
R128	1-208-855-81 s	RES, CHIP 47 (1005)
R129	1-208-855-81 s	RES, CHIP 47 (1005)
R130	1-208-863-81 s	RES, CHIP 100 (1005)
R131	1-208-863-81 s	RES, CHIP 100 (1005)
R132	1-208-863-81 s	RES, CHIP 100 (1005)
R133	1-208-863-81 s	RES, CHIP 100 (1005)
R137	1-208-887-81 s	RES, CHIP 1.0K (1005)
R138	1-208-887-81 s	RES, CHIP 1.0K (1005)
R139	1-208-887-81 s	RES, CHIP 1.0K (1005)
R140	1-208-887-81 s	RES, CHIP 1.0K (1005)
R141	1-208-887-81 s	RES, CHIP 1.0K (1005)
R142	1-208-887-81 s	RES, CHIP 1.0K (1005)
R150	1-208-919-81 s	RES, CHIP 22K (1005)
R151	1-208-919-81 s	RES, CHIP 22K (1005)
R152	1-208-855-81 s	RES, CHIP 47 (1005)
R153	1-208-855-81 s	RES, CHIP 47 (1005)
R154	1-208-879-81 s	RES, CHIP 470 (1005)
R155	1-208-879-81 s	RES, CHIP 470 (1005)
R156	1-208-879-81 s	RES, CHIP 470 (1005)
R157	1-208-879-81 s	RES, CHIP 470 (1005)
R158	1-208-879-81 s	RES, CHIP 470 (1005)
R159	1-208-879-81 s	RES, CHIP 470 (1005)
R160	1-208-879-81 s	RES, CHIP 470 (1005)
R161	1-208-879-81 s	RES, CHIP 470 (1005)
R162	1-208-871-81 s	RES, CHIP 220 (1005)
R163	1-208-871-81 s	RES, CHIP 220 (1005)
R164	1-208-871-81 s	RES, CHIP 220 (1005)
R168	1-208-935-81 s	RES, CHIP 100K (1005)
R169	1-208-935-81 s	RES, CHIP 100K (1005)
R170	1-208-895-81 s	RES, CHIP 2.2K (1005)
R171	1-208-895-81 s	RES, CHIP 2.2K (1005)
R172	1-208-919-81 s	RES, CHIP 22K (1005)
R173	1-208-895-81 s	RES, CHIP 2.2K (1005)
R174	1-208-863-81 s	RES, CHIP 100 (1005)
R175	1-208-919-81 s	RES, CHIP 22K (1005)
R176	1-208-895-81 s	RES, CHIP 2.2K (1005)
R177	1-208-895-81 s	RES, CHIP 2.2K (1005)
R178	1-208-895-81 s	RES, CHIP 2.2K (1005)
R179	1-208-919-81 s	RES, CHIP 22K (1005)
R180	1-208-919-81 s	RES, CHIP 22K (1005)

SW-1572 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R181	1-208-919-81 s	RES, CHIP 22K (1005)
R182	1-208-919-81 s	RES, CHIP 22K (1005)
R183	1-208-919-81 s	RES, CHIP 22K (1005)
R184	1-208-895-81 s	RES, CHIP 2.2K (1005)
R185	1-220-882-81 s	RES, CHIP 33 (1005)
R186	1-220-882-81 s	RES, CHIP 33 (1005)
R187	1-243-975-81 s	RES, CHIP 4.7M (1005)
R188	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R189	1-208-895-81 s	RES, CHIP 2.2K (1005)
R190	1-243-975-81 s	RES, CHIP 4.7M (1005)
R191	1-220-882-81 s	RES, CHIP 33 (1005)
R192	1-208-863-81 s	RES, CHIP 100 (1005)
R193	1-243-975-81 s	RES, CHIP 4.7M (1005)
R194	1-208-911-81 s	RES, CHIP 10K (1005)
R195	1-208-911-81 s	RES, CHIP 10K (1005)
R196	1-208-935-81 s	RES, CHIP 100K (1005)
R197	1-208-935-81 s	RES, CHIP 100K (1005)
R198	1-220-882-81 s	RES, CHIP 33 (1005)
R199	1-220-882-81 s	RES, CHIP 33 (1005)
R200	1-208-871-81 s	RES, CHIP 220 (1005)
R201	1-208-871-81 s	RES, CHIP 220 (1005)
R202	1-208-919-81 s	RES, CHIP 22K (1005)
R203	1-208-919-81 s	RES, CHIP 22K (1005)
R204	1-208-855-81 s	RES, CHIP 47 (1005)
R205	1-208-855-81 s	RES, CHIP 47 (1005)
R206	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R207	1-208-955-81 s	RES, CHIP 680K (1005)
R208	1-208-887-81 s	RES, CHIP 1.0K (1005)
R209	1-208-887-81 s	RES, CHIP 1.0K (1005)
R210	1-208-883-81 s	RES, CHIP 680 (1005)
R212	1-208-883-81 s	RES, CHIP 680 (1005)
R214	1-208-883-81 s	RES, CHIP 680 (1005)
R216	1-208-883-81 s	RES, CHIP 680 (1005)
R218	1-208-883-81 s	RES, CHIP 680 (1005)
R220	1-208-883-81 s	RES, CHIP 680 (1005)
R222	1-208-883-81 s	RES, CHIP 680 (1005)
R224	1-208-883-81 s	RES, CHIP 680 (1005)
R226	1-208-887-81 s	RES, CHIP 1.0K (1005)
R227	1-208-883-81 s	RES, CHIP 680 (1005)
R229	1-208-883-81 s	RES, CHIP 680 (1005)
R231	1-208-883-81 s	RES, CHIP 680 (1005)
R233	1-208-883-81 s	RES, CHIP 680 (1005)
R235	1-208-883-81 s	RES, CHIP 680 (1005)
R237	1-208-883-81 s	RES, CHIP 680 (1005)
R239	1-208-883-81 s	RES, CHIP 680 (1005)
R241	1-208-883-81 s	RES, CHIP 680 (1005)
R243	1-208-887-81 s	RES, CHIP 1.0K (1005)
R244	1-208-883-81 s	RES, CHIP 680 (1005)
R246	1-208-883-81 s	RES, CHIP 680 (1005)
R248	1-208-883-81 s	RES, CHIP 680 (1005)
R250	1-208-883-81 s	RES, CHIP 680 (1005)
R252	1-208-883-81 s	RES, CHIP 680 (1005)
R254	1-208-883-81 s	RES, CHIP 680 (1005)
R256	1-208-883-81 s	RES, CHIP 680 (1005)
R258	1-208-883-81 s	RES, CHIP 680 (1005)
R260	1-208-887-81 s	RES, CHIP 1.0K (1005)
R261	1-208-883-81 s	RES, CHIP 680 (1005)
R263	1-208-883-81 s	RES, CHIP 680 (1005)
R265	1-208-883-81 s	RES, CHIP 680 (1005)
R267	1-208-883-81 s	RES, CHIP 680 (1005)
R269	1-208-883-81 s	RES, CHIP 680 (1005)
R271	1-208-883-81 s	RES, CHIP 680 (1005)
R273	1-208-883-81 s	RES, CHIP 680 (1005)
R275	1-208-883-81 s	RES, CHIP 680 (1005)
R277	1-208-887-81 s	RES, CHIP 1.0K (1005)

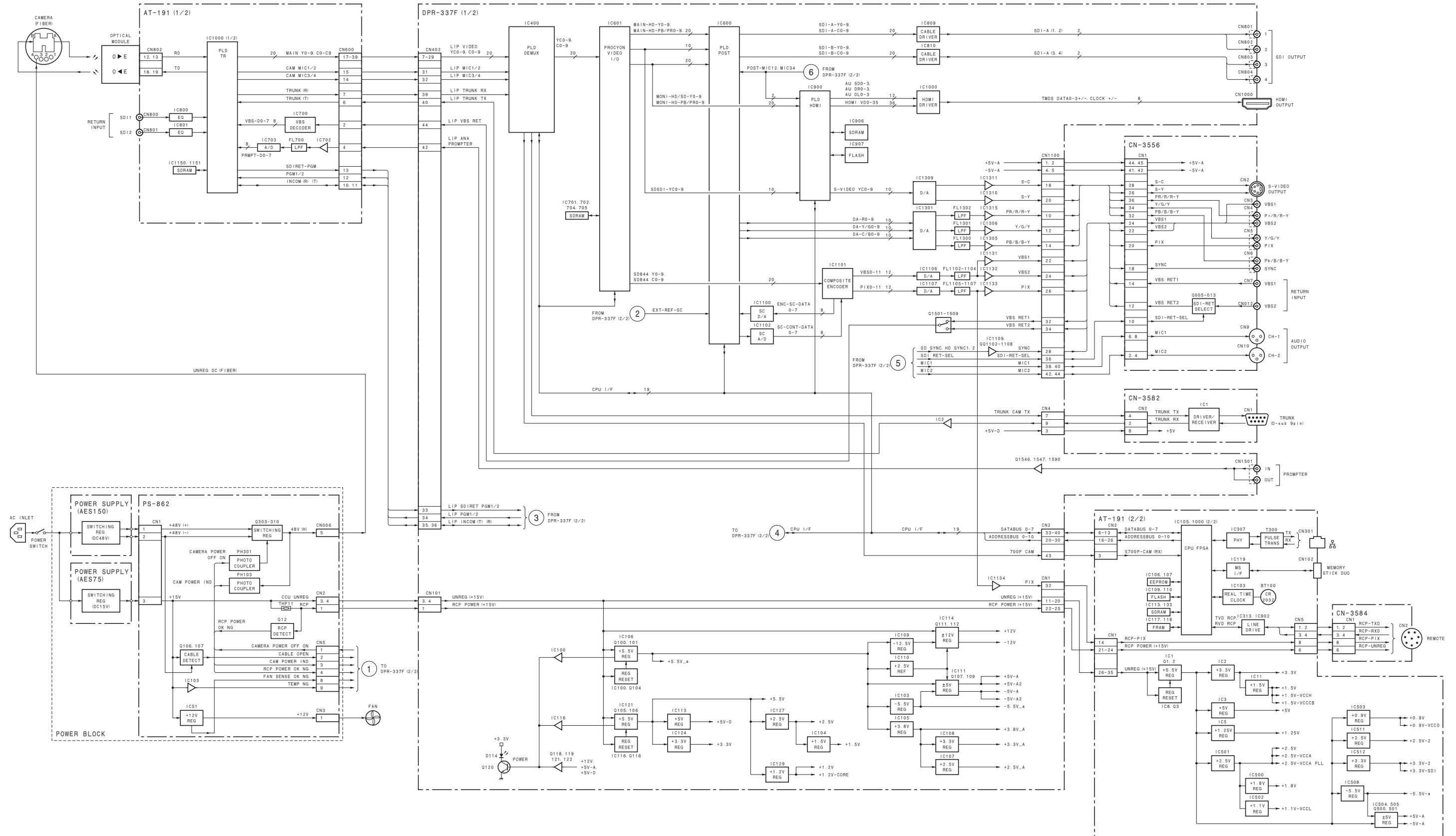
SW-1572 BOARD

Ref. No. or Q'ty	Part No.	SP Description
R278	1-208-883-81 s	RES, CHIP 680 (1005)
R280	1-208-883-81 s	RES, CHIP 680 (1005)
R282	1-208-883-81 s	RES, CHIP 680 (1005)
R284	1-208-883-81 s	RES, CHIP 680 (1005)
R286	1-208-883-81 s	RES, CHIP 680 (1005)
R288	1-208-883-81 s	RES, CHIP 680 (1005)
R290	1-208-883-81 s	RES, CHIP 680 (1005)
R292	1-208-883-81 s	RES, CHIP 680 (1005)
R294	1-208-887-81 s	RES, CHIP 1.0K (1005)
R295	1-208-883-81 s	RES, CHIP 680 (1005)
R297	1-208-883-81 s	RES, CHIP 680 (1005)
R299	1-208-883-81 s	RES, CHIP 680 (1005)
R301	1-208-883-81 s	RES, CHIP 680 (1005)
R303	1-208-883-81 s	RES, CHIP 680 (1005)
R305	1-208-883-81 s	RES, CHIP 680 (1005)
R307	1-208-883-81 s	RES, CHIP 680 (1005)
R309	1-208-883-81 s	RES, CHIP 680 (1005)
R311	1-208-879-81 s	RES, CHIP 470 (1005)
R312	1-208-879-81 s	RES, CHIP 470 (1005)
R313	1-208-879-81 s	RES, CHIP 470 (1005)
R314	1-208-879-81 s	RES, CHIP 470 (1005)
R315	1-208-879-81 s	RES, CHIP 470 (1005)
R316	1-208-879-81 s	RES, CHIP 470 (1005)
R318	1-208-871-81 s	RES, CHIP 220 (1005)
R401	1-208-879-81 s	RES, CHIP 470 (1005)
R402	1-208-875-81 s	RES, CHIP 330 (1005)
R404	1-208-875-81 s	RES, CHIP 330 (1005)
R406	1-208-879-81 s	RES, CHIP 470 (1005)
R408	1-208-875-81 s	RES, CHIP 330 (1005)
R410	1-208-879-81 s	RES, CHIP 470 (1005)
R412	1-208-875-81 s	RES, CHIP 330 (1005)
R414	1-208-879-81 s	RES, CHIP 470 (1005)
RB1	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB2	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB3	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB10	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RV1	1-225-488-11 s	RES, VAR, CARBON 10K
RV2	1-227-562-11 s	RES, VAR, CARBON 10K
RV3	1-227-562-11 s	RES, VAR, CARBON 10K
RV4	1-227-562-11 s	RES, VAR, CARBON 10K
RV5	1-227-562-11 s	RES, VAR, CARBON 10K
RV6	1-227-562-11 s	RES, VAR, CARBON 10K
RV7	1-227-562-11 s	RES, VAR, CARBON 10K
RV8	1-238-255-21 s	RES, VAR, CARBON 10K
S1	1-798-387-11 s	SWITCH, TACTILE (ILLUMINATED)
S2	1-798-386-11 s	SWITCH, TACTILE (ILLUMINATED)
S3	1-798-385-11 s	SWITCH, TACTILE (ILLUMINATED)
S4	1-798-387-11 s	SWITCH, TACTILE (ILLUMINATED)
S5	1-798-385-11 s	SWITCH, TACTILE (ILLUMINATED)
S6	1-798-385-11 s	SWITCH, TACTILE (ILLUMINATED)
S7	1-798-385-11 s	SWITCH, TACTILE (ILLUMINATED)
S8	1-798-385-11 s	SWITCH, TACTILE (ILLUMINATED)
S9	1-798-385-11 s	SWITCH, TACTILE (ILLUMINATED)
S10	1-798-385-11 s	SWITCH, TACTILE (ILLUMINATED)
S11	1-798-385-11 s	SWITCH, TACTILE (ILLUMINATED)
S12	1-762-531-21 s	SWITCH, TOGGLE
S13	1-762-531-21 s	SWITCH, TOGGLE
S14	1-762-531-21 s	SWITCH, TOGGLE
S15	1-762-123-21 s	SWITCH, TOGGLE
S17	1-762-531-21 s	SWITCH, TOGGLE
S18	1-762-531-21 s	SWITCH, TOGGLE
S19	1-571-083-21 s	SWITCH, SLIDE
S20	1-762-122-21 s	SWITCH, TOGGLE

7-4. Supplied Accessories

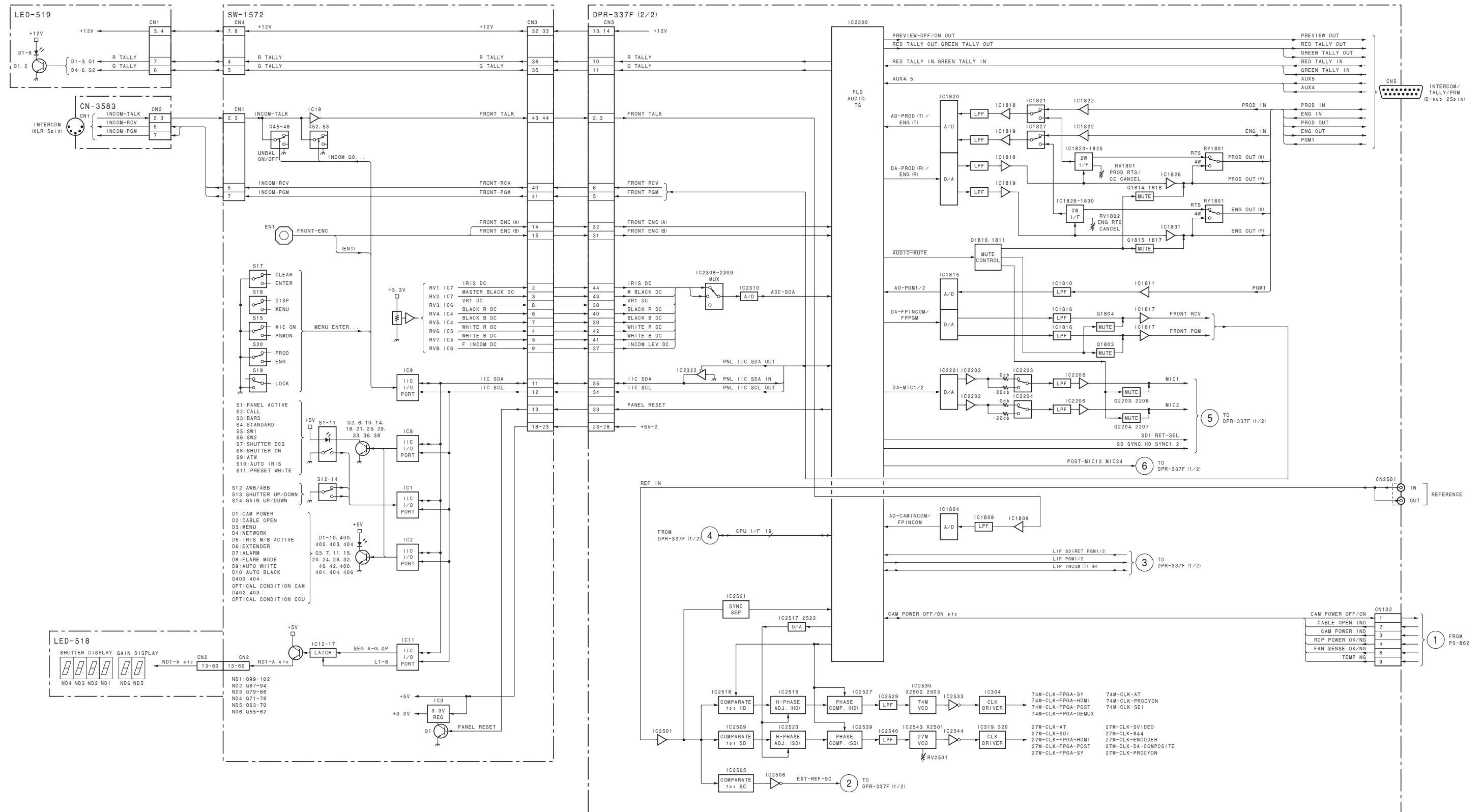
Q'ty	Part No.	SP Description
1pc	2-249-307-01	s INDICATOR, REMOTE
1pc	 4-445-032-01	s OPERATING INSTRUCTIONS (JAPANESE)
1pc	 4-445-032-11	s OPERATING INSTRUCTIONS (ENGLISH)
1pc	 4-445-033-01	s CD-ROM PACK

Overall
Overall (1/2)



Overall (1/2)

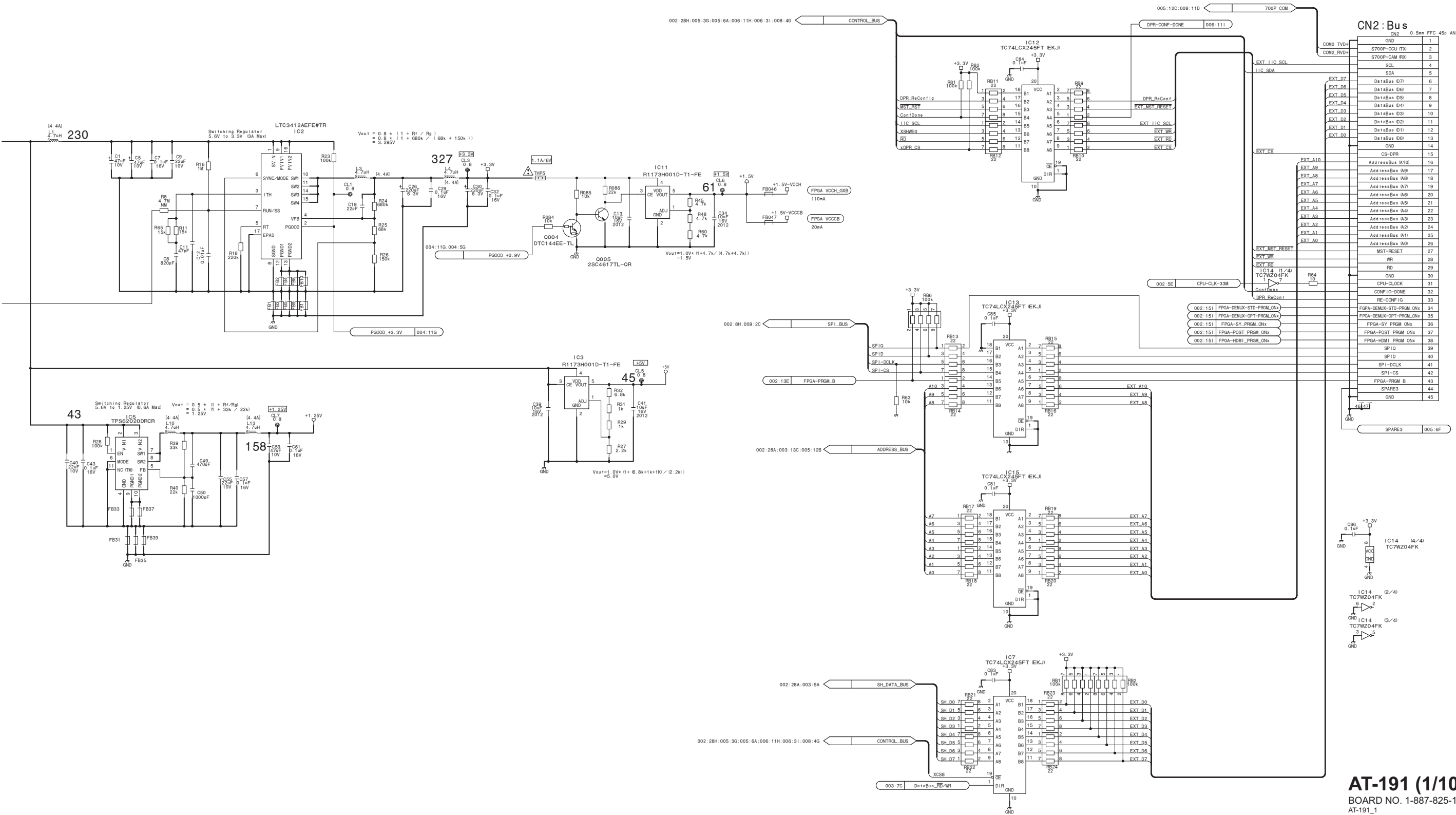
Overall (2/2)



Overall (2/2)

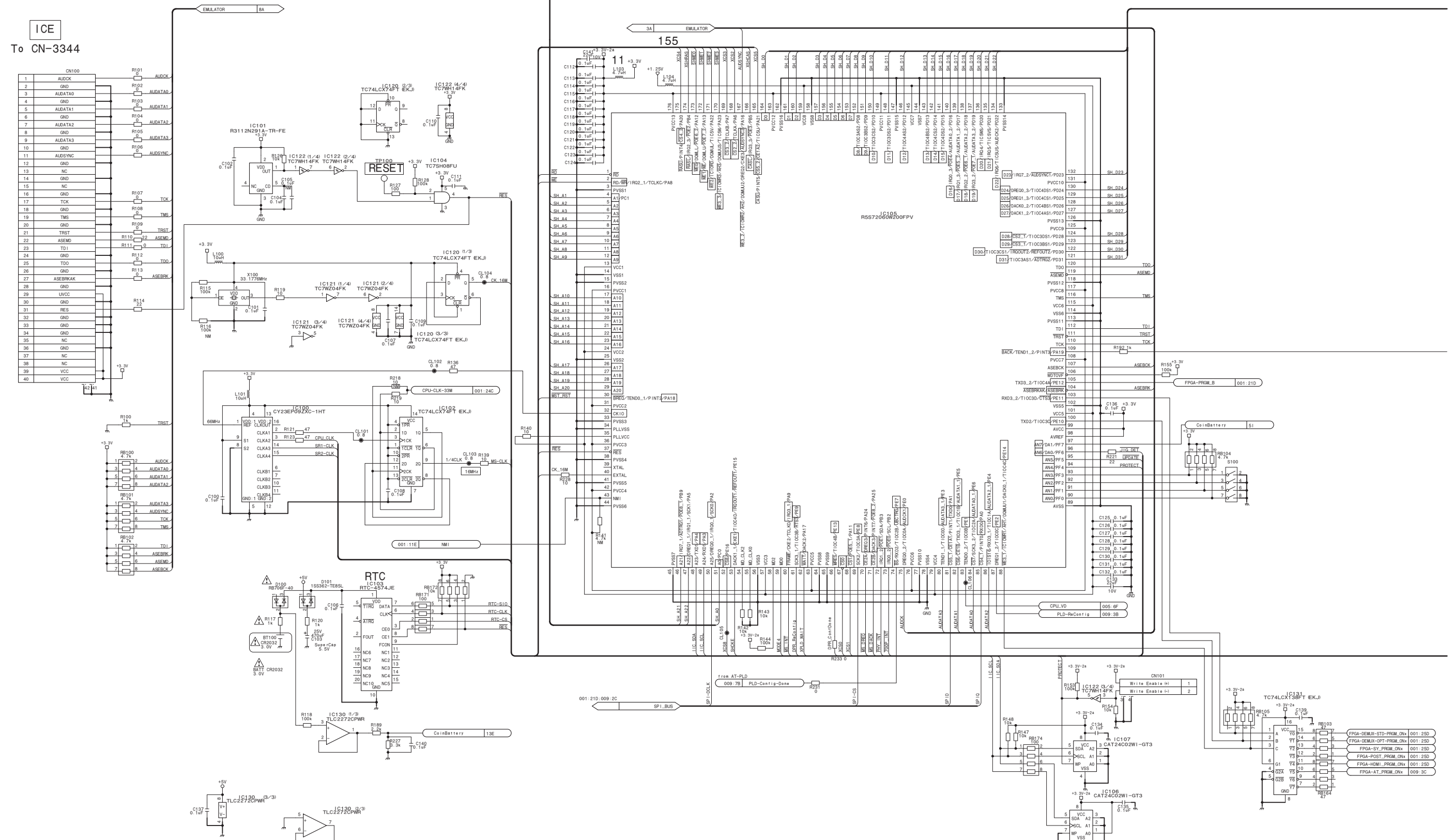
AT-191
AT-191 (1/10)_L



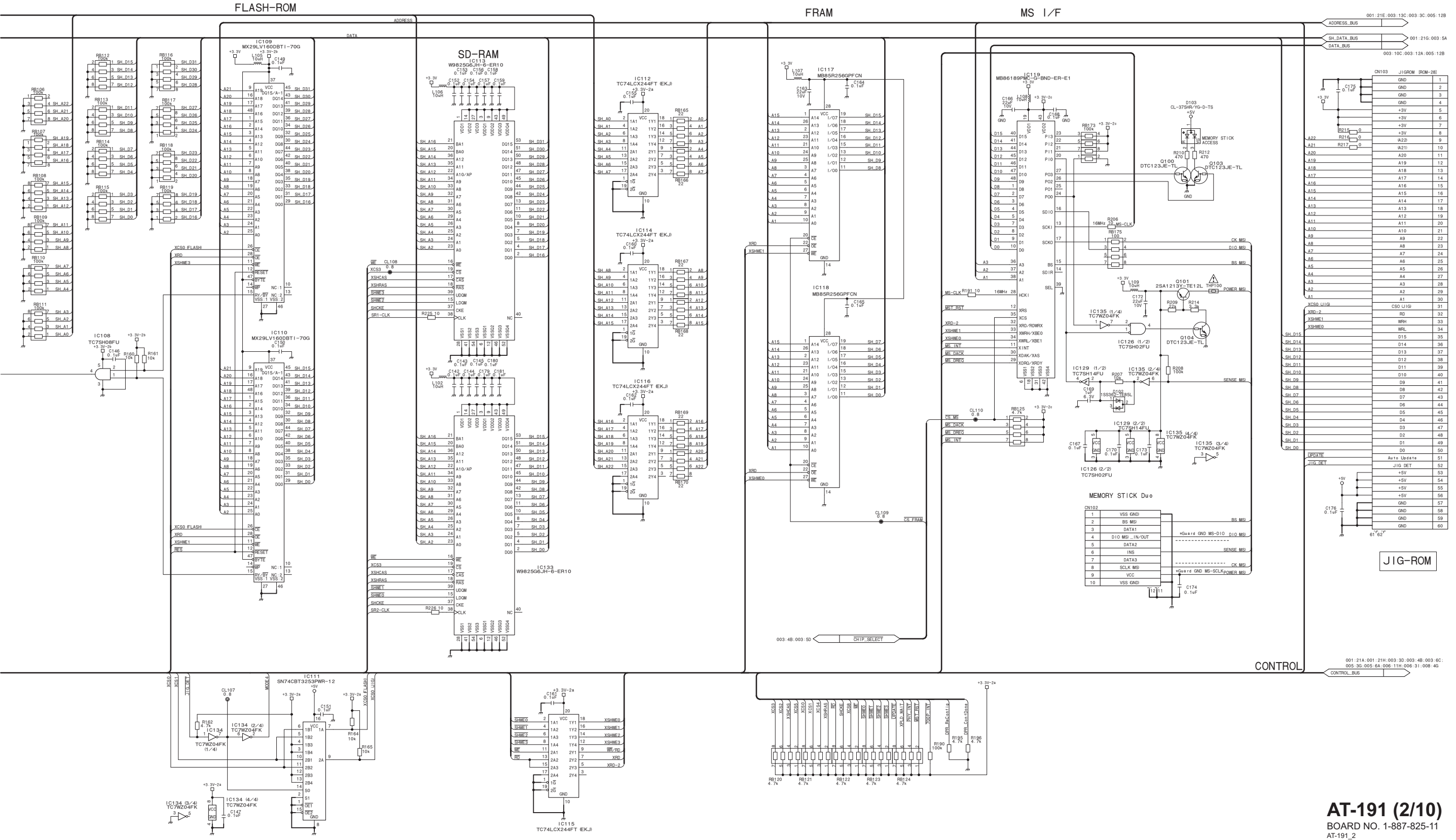


AT-191 (1/10)
BOARD NO. 1-887-825-11
AT-191_1

AT-191 (2/10)_L

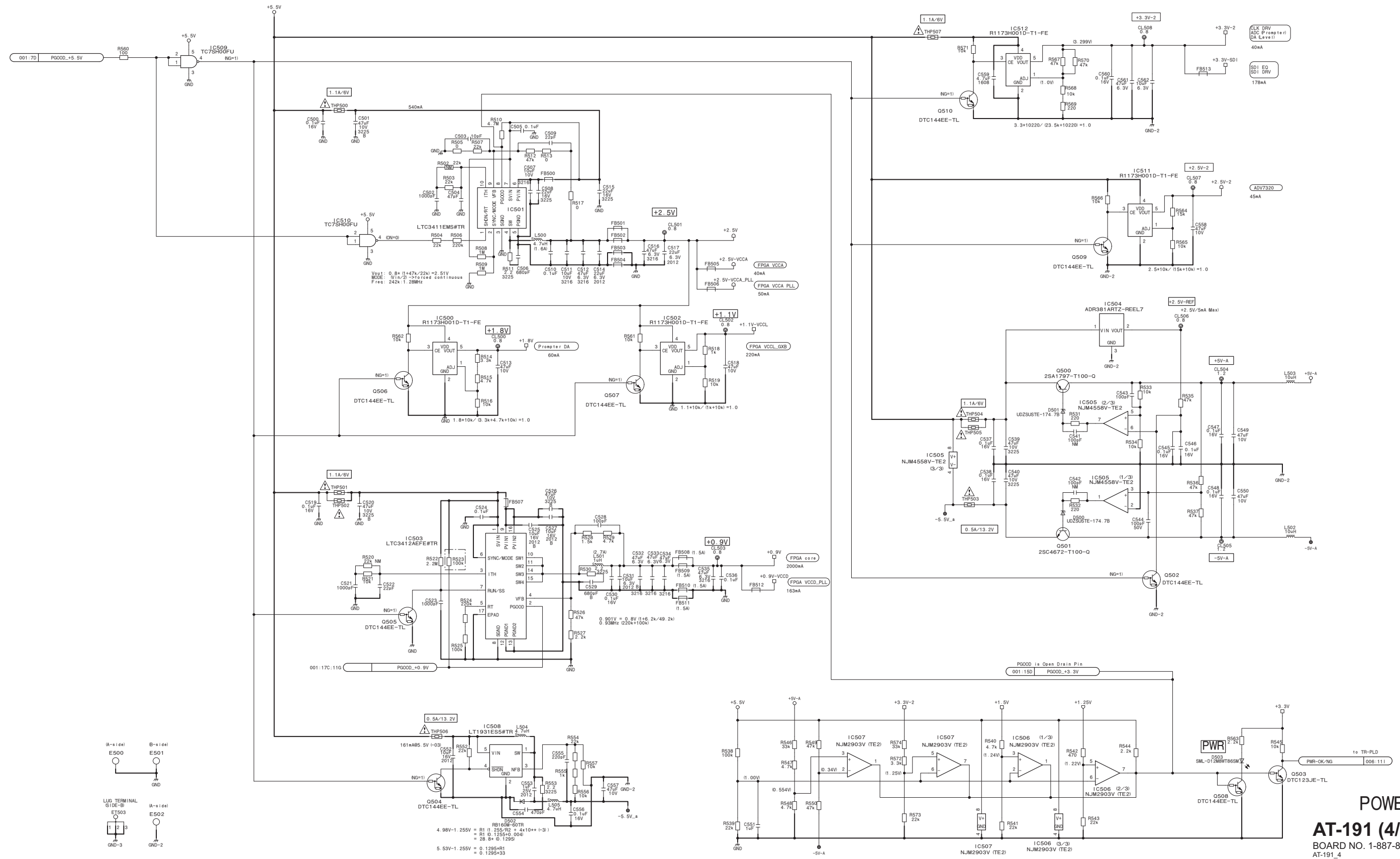


AT-191 (2/10)_R



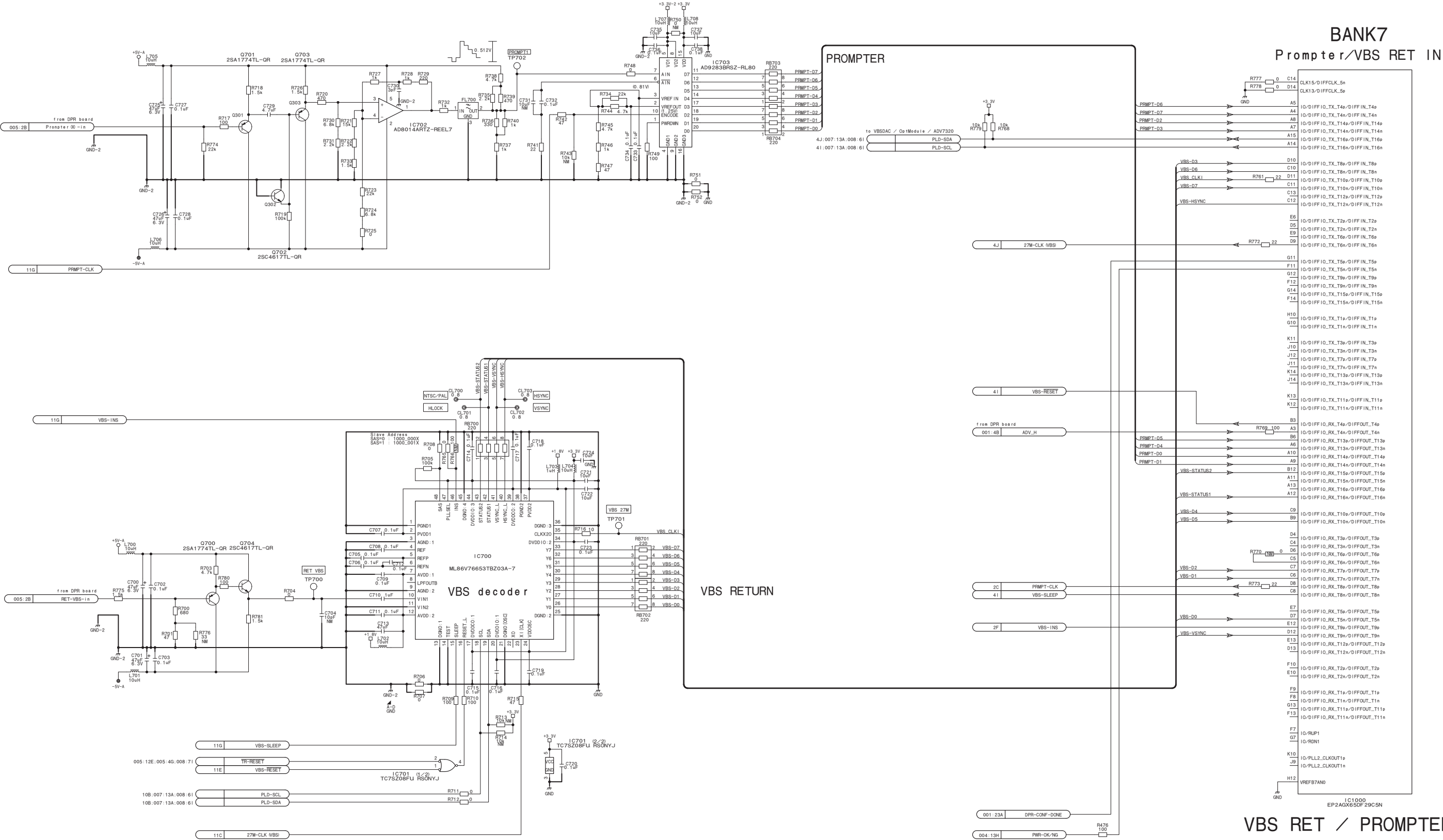
AT-191 (2/10)
BOARD NO. 1-887-825-11
AT-191_2



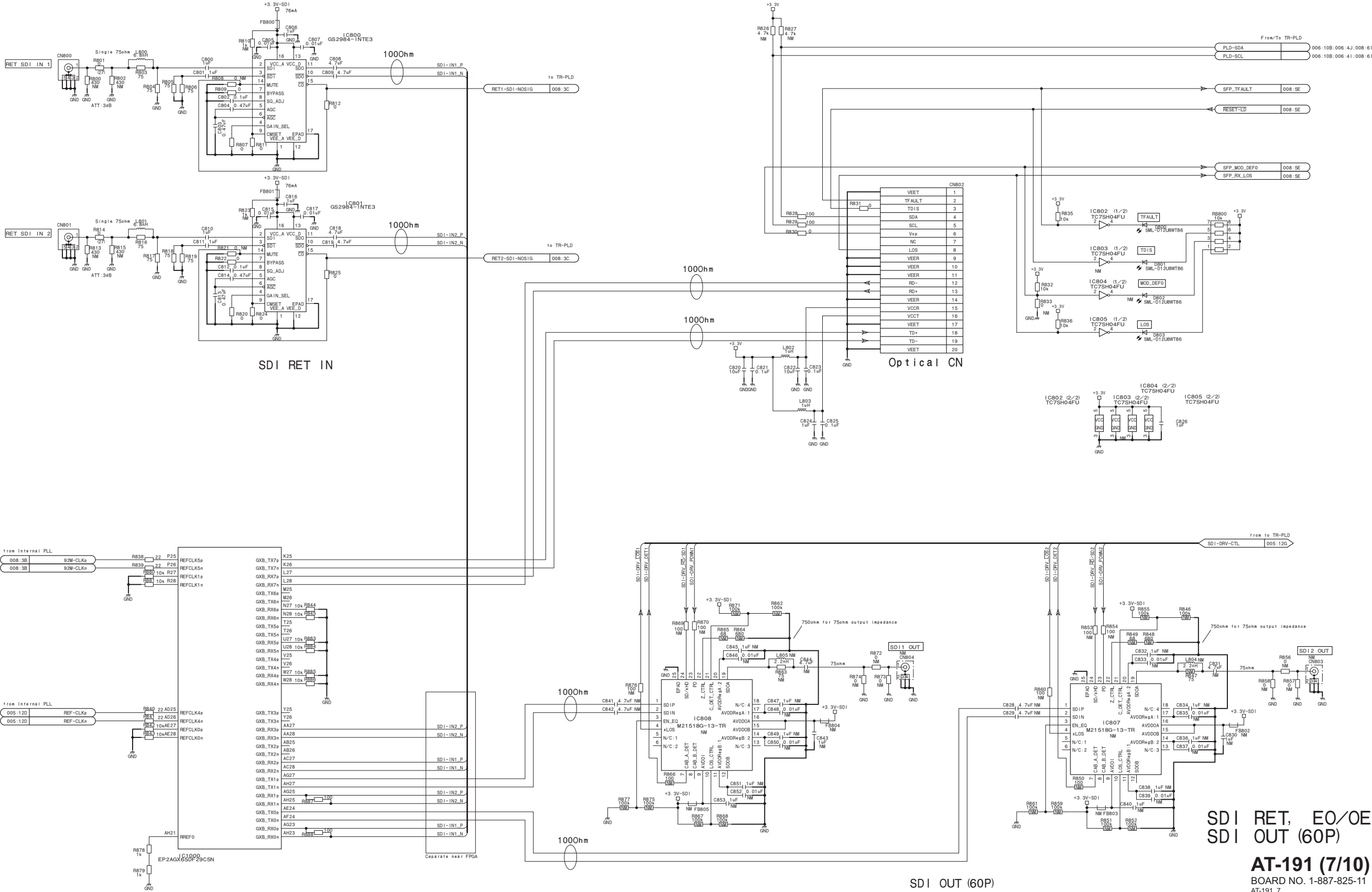
AT-191 (4/10)

POWER2
AT-191 (4/10)
BOARD NO. 1-887-825-11
AT-191_4





AT-191 (7/10)

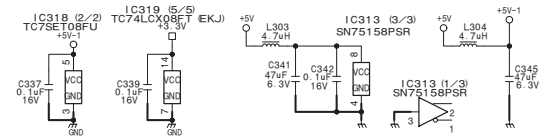
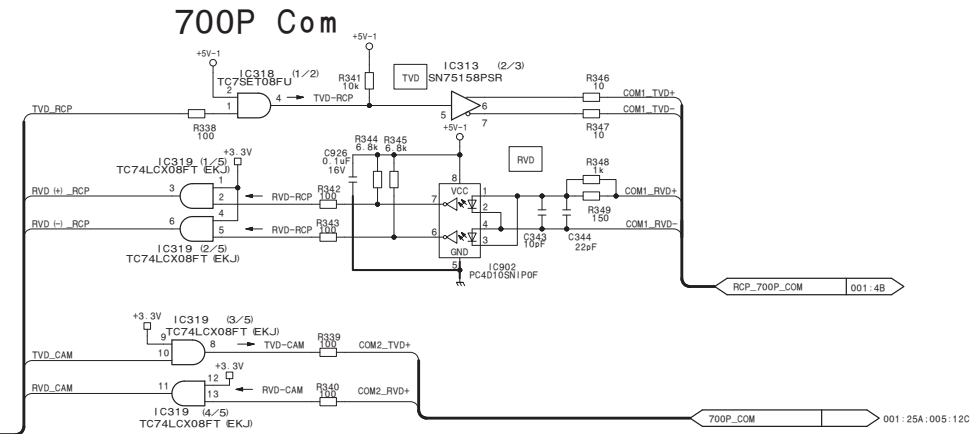
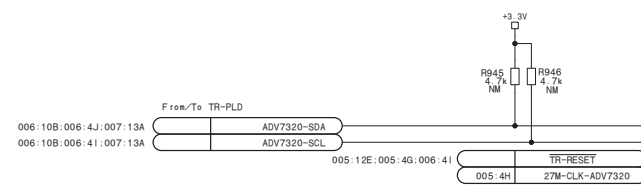
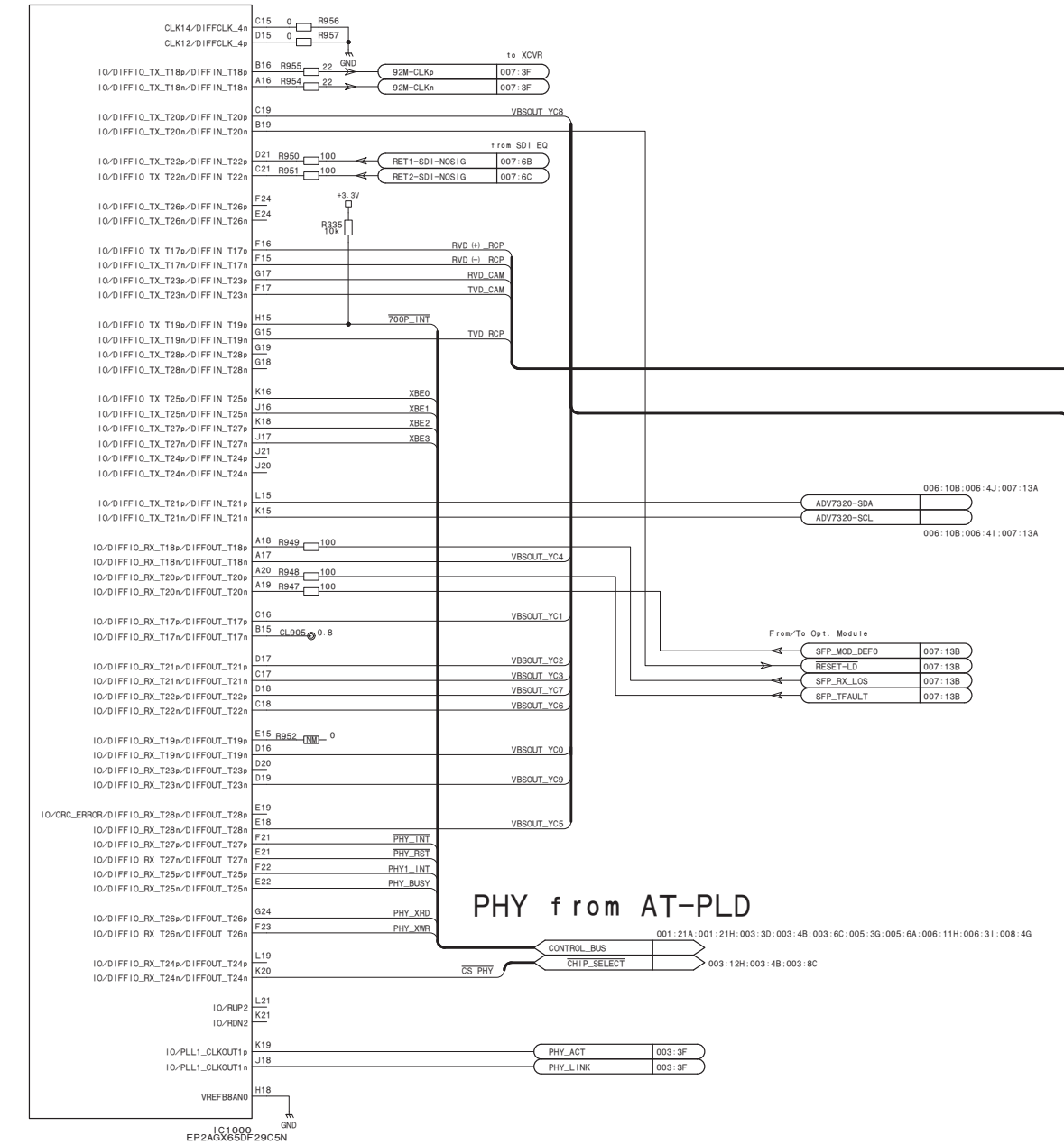


SDI RET, EO/OE
SDI OUT (60P)

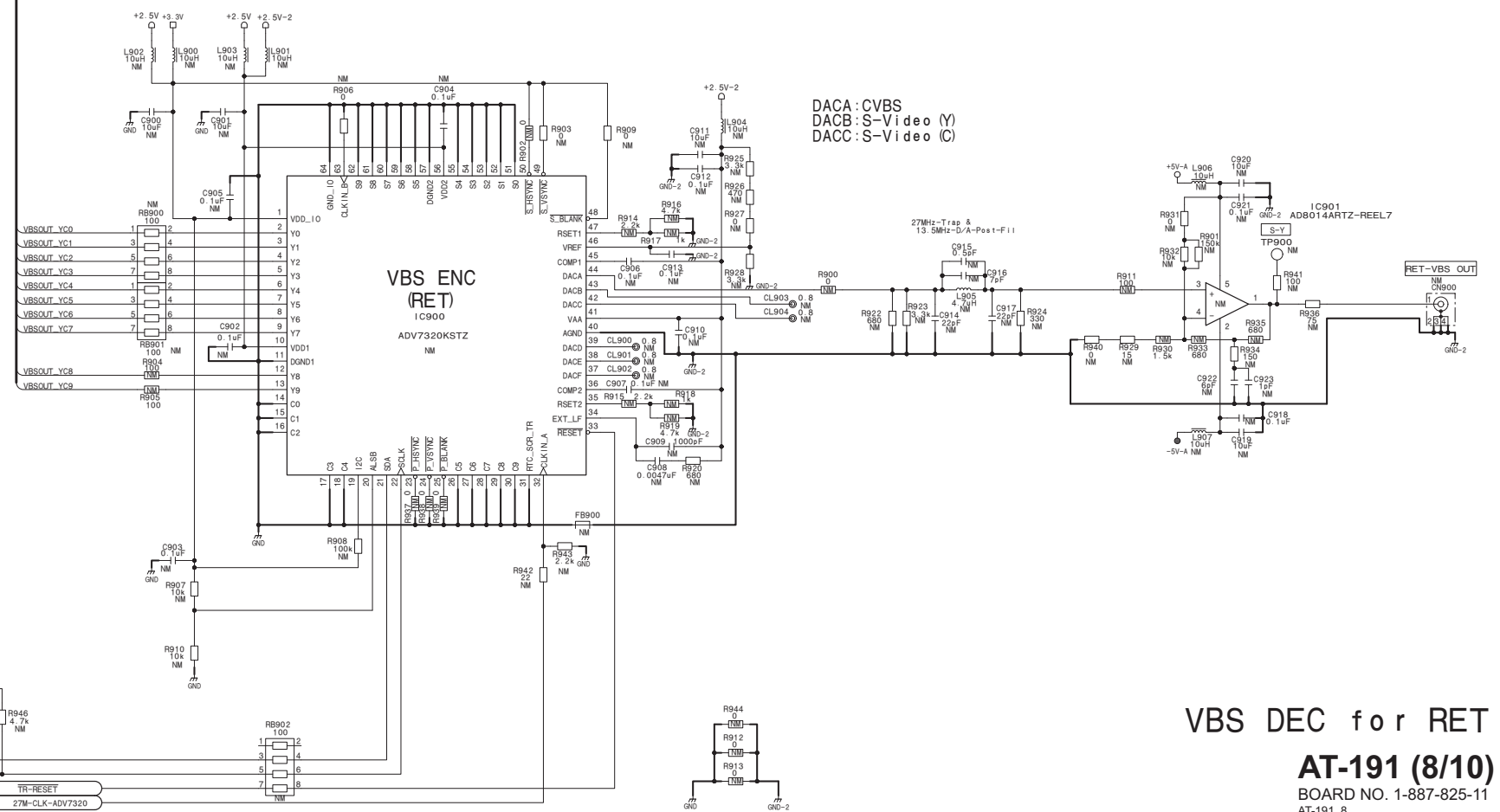
AT-191 (7/10)
BOARD NO. 1-887-825-11
AT-191_7

BANK8

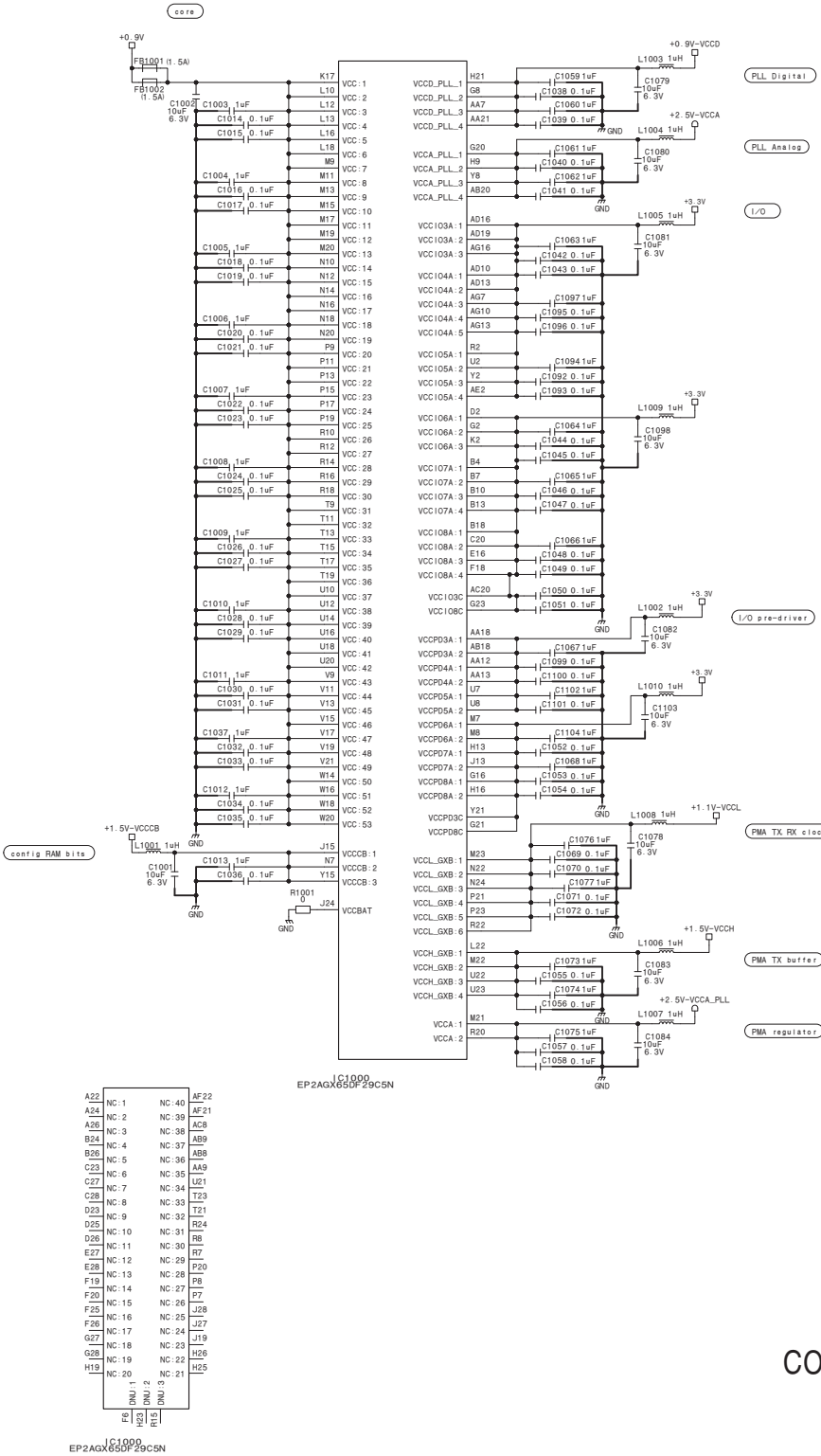
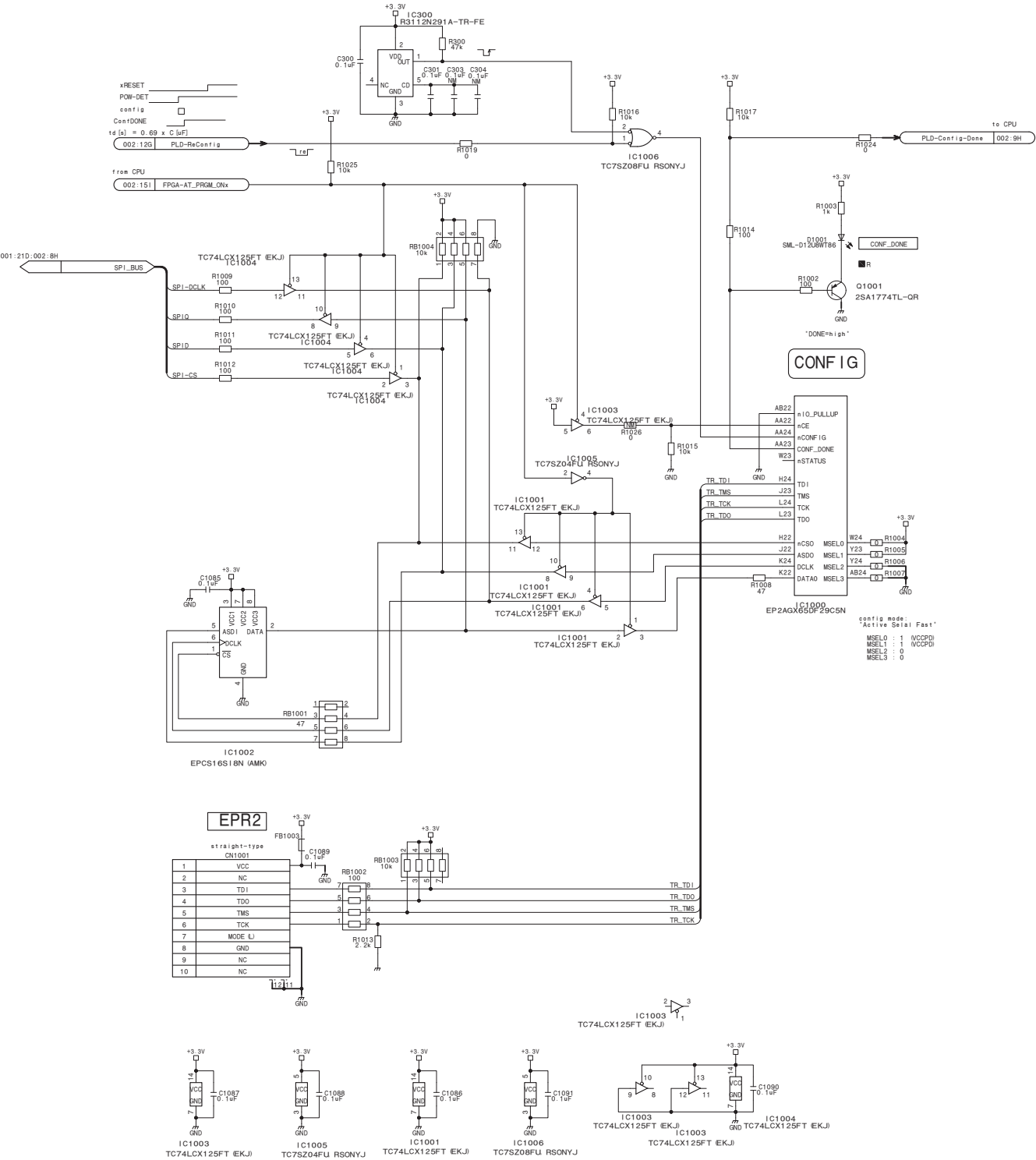
VBS for Multicore OE/EO Control



SDI RET -> VBS for Multicore

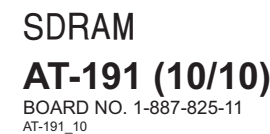


VBS DEC for RET
AT-191 (8/10)
BOARD NO. 1-887-825-11
AT-191_8

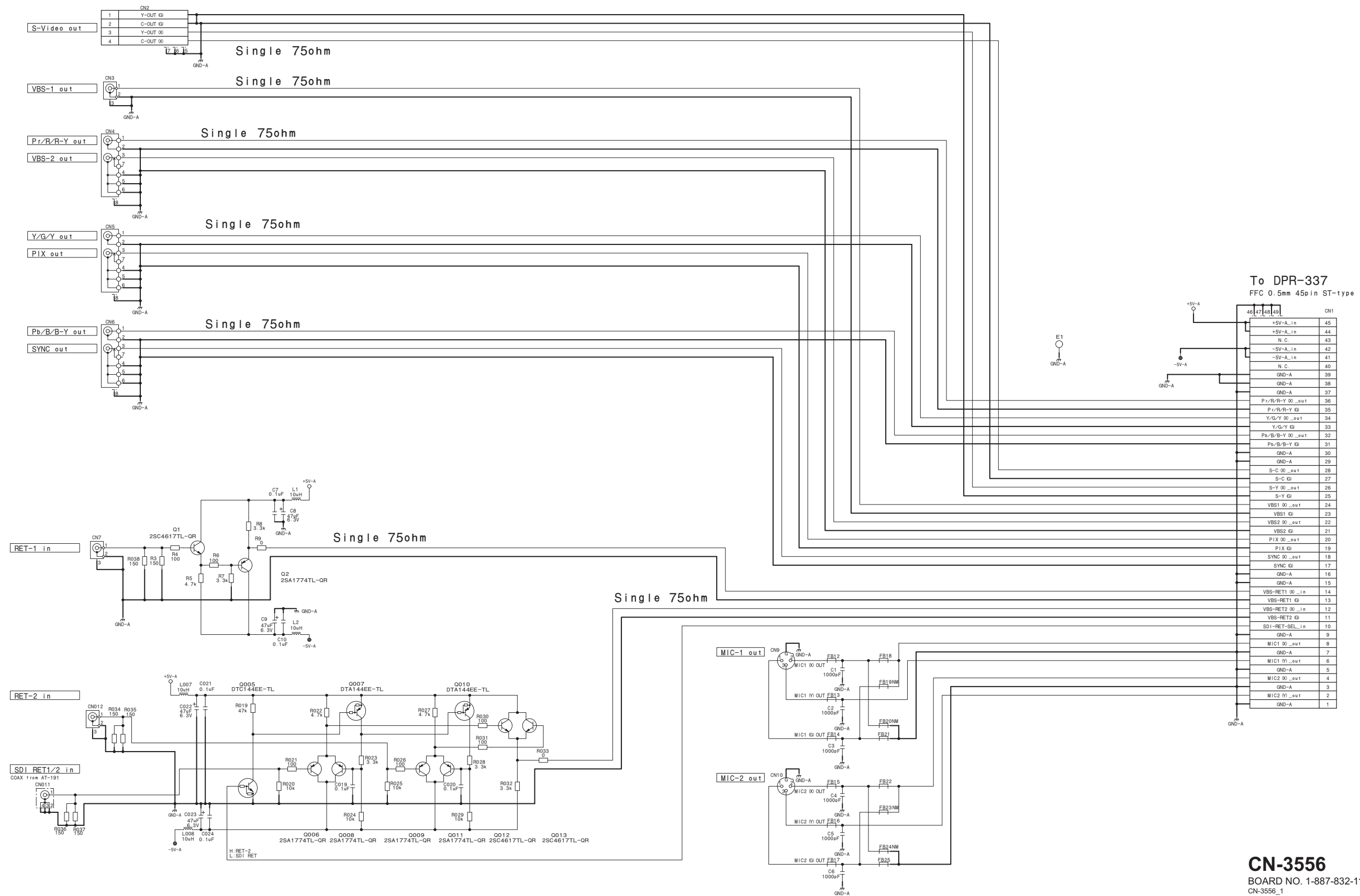


A21	GND: 1	AH26
A23	GND: 2	AH26
A25	GND: 3	AH24
A27	GND: 4	AH22
B2	GND: 5	AH20
B5	GND: 6	AG28
B8	GND: 7	AG26
B11	GND: 8	AG24
B14	GND: 9	AG22
B17	GND: 10	AG20
B20	GND: 11	AG18
B21	GND: 12	AG16
B22	GND: 13	AG14
B23	GND: 14	AG12
B25	GND: 15	AG10
B27	GND: 16	AG8
B28	GND: 17	AG6
C22	GND: 18	AF28
C24	GND: 19	AF27
C25	GND: 20	AF26
C26	GND: 21	AF25
D22	GND: 22	AF23
D24	GND: 23	AF22
D27	GND: 24	AE28
D28	GND: 25	AE26
E2	GND: 26	AE24
E5	GND: 27	AE22
E8	GND: 28	AE20
E11	GND: 29	AE18
E14	GND: 30	AE16
E17	GND: 31	AE14
E20	GND: 32	AE12
E23	GND: 33	AE10
E25	GND: 34	AE8
E28	GND: 35	AE6
F27	GND: 36	AC26
F28	GND: 37	AC25
G9	GND: 38	AC24
G22	GND: 39	AC23
G25	GND: 40	AC22
G26	GND: 41	AC21
H2	GND: 42	AC20
H5	GND: 43	AC19
H8	GND: 44	AC18
H11	GND: 45	AC17
H14	GND: 46	AC16
H17	GND: 47	AC15
H20	GND: 48	AC14
H27	GND: 49	AC13
H28	GND: 50	AC12
J25	GND: 51	AC11
J26	GND: 52	AC10
K23	GND: 53	AC9
K27	GND: 54	AC8
K28	GND: 55	AC7
L2	GND: 56	AC6
L5	GND: 57	AC5
L11	GND: 58	AC4
L14	GND: 59	AC3
L17	GND: 60	AC2
L20	GND: 61	AC1
L25	GND: 62	AC0
L26	GND: 63	AC-1
M10	GND: 64	AC-2
M12	GND: 65	AC-3
M14	GND: 66	AC-4
M16	GND: 67	AC-5
M18	GND: 68	AC-6
M24	GND: 69	AC-7
M27	GND: 70	AC-8
M28	GND: 71	AC-9
N2	GND: 72	AC-10
N5	GND: 73	AC-11
N8	GND: 74	AC-12
N9	GND: 75	AC-13
N11	GND: 76	AC-14
N13	GND: 77	AC-15
N15	GND: 78	AC-16
N17	GND: 79	AC-17
N19	GND: 80	AC-18
N21	GND: 81	AC-19
N23	GND: 82	AC-20
N25	GND: 83	AC-21
N26	GND: 84	AC-22
N28	GND: 85	AC-23
P10	GND: 86	AC-24
P12	GND: 87	AC-25
P14	GND: 88	AC-26
P16	GND: 89	AC-27
P18	GND: 90	AC-28
P22	GND: 91	AC-29
P24	GND: 92	AC-30
P27	GND: 93	AC-31
P28	GND: 94	AC-32
R9	GND: 95	AC-33
R11	GND: 96	AC-34
R13	GND: 97	AC-35

CONFIG FPGA PWR
AT-191 (9/10)
BOARD NO. 1-887-825-11
AT-191_9

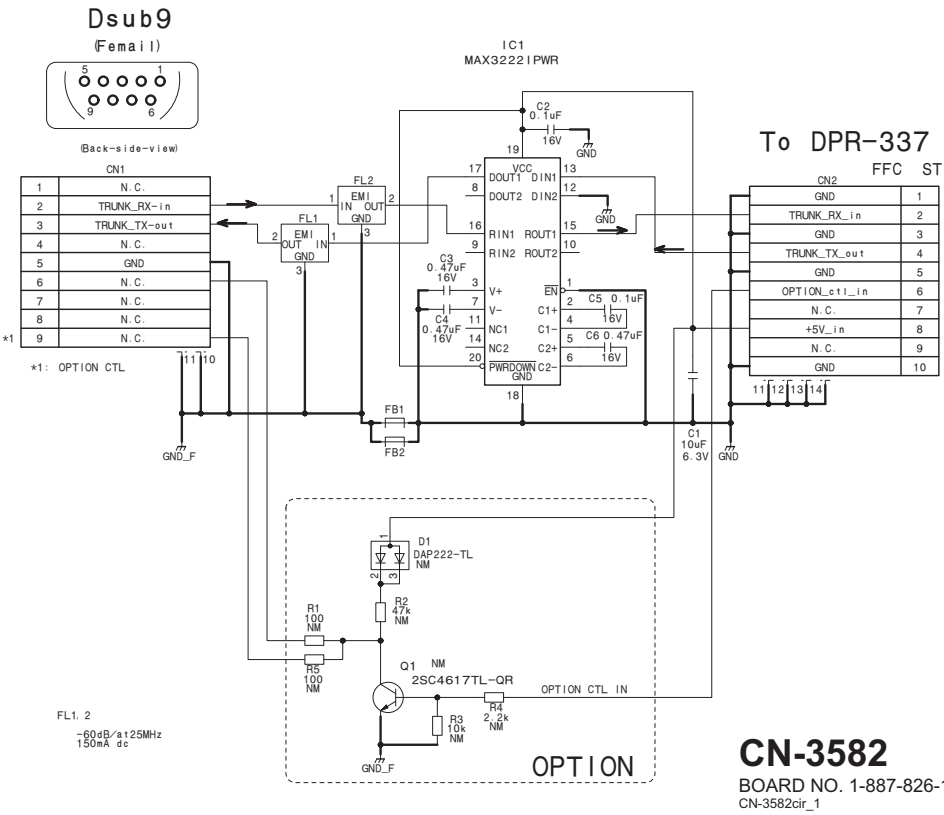


CN-3556

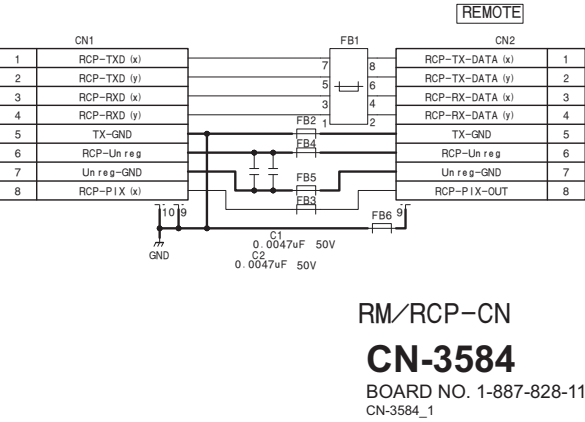


CN-3582

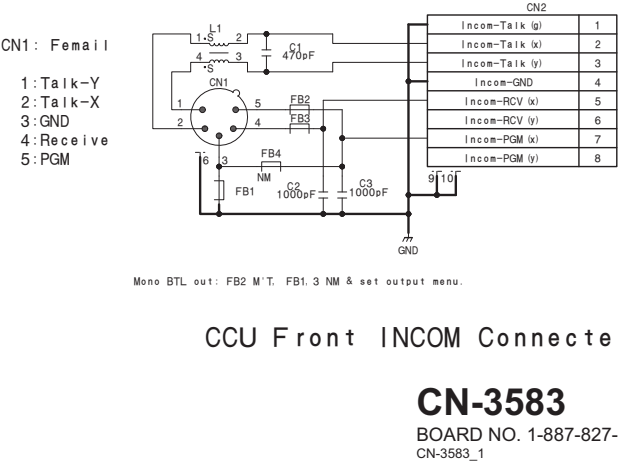
TRUNK-LINE
RS-232C only



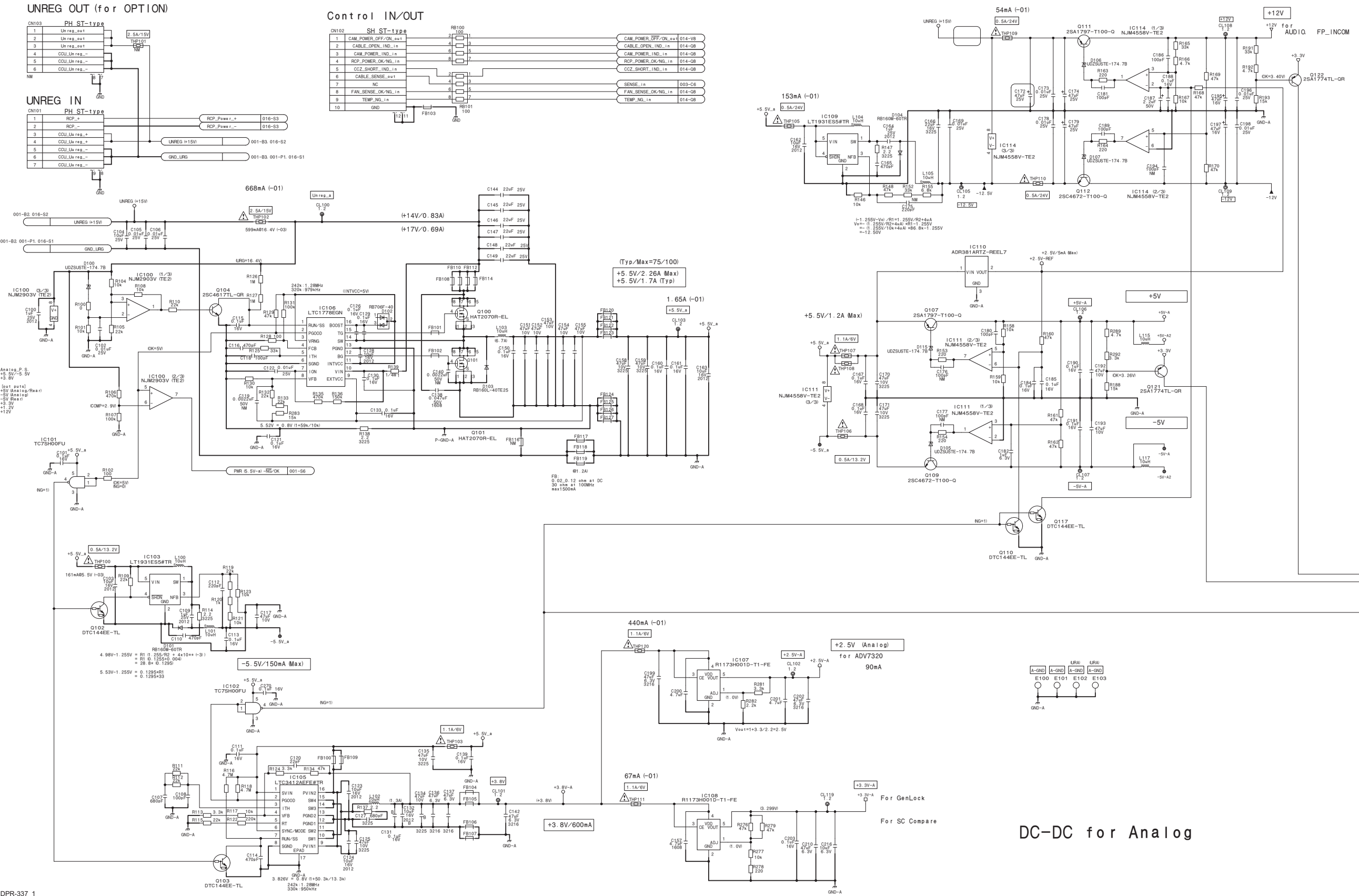
CN-3584



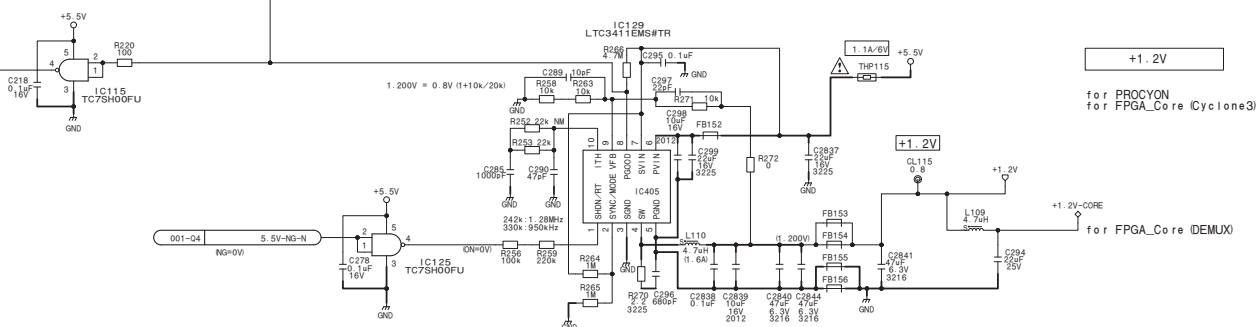
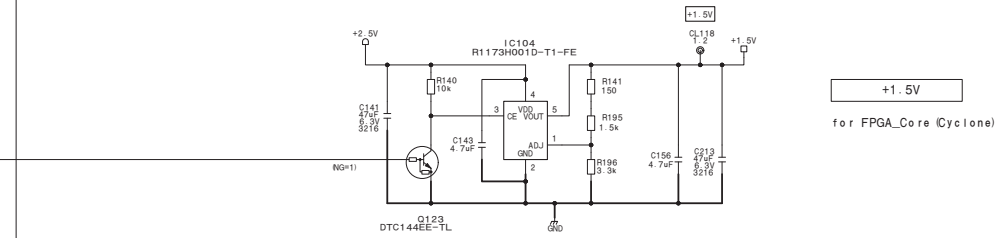
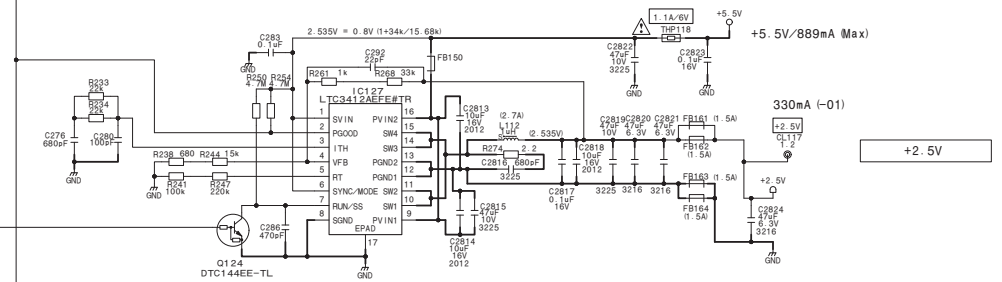
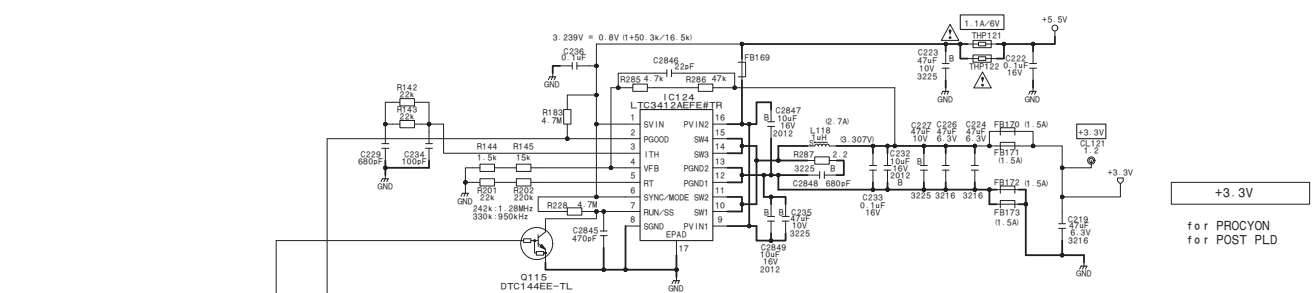
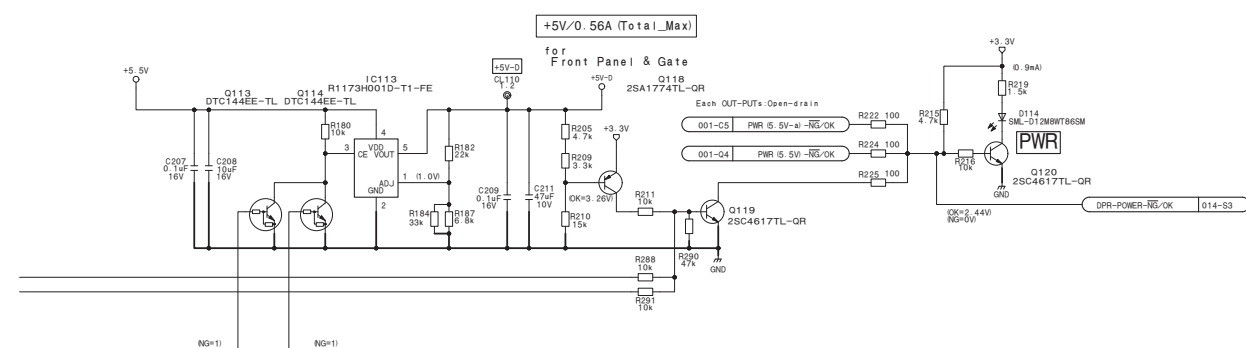
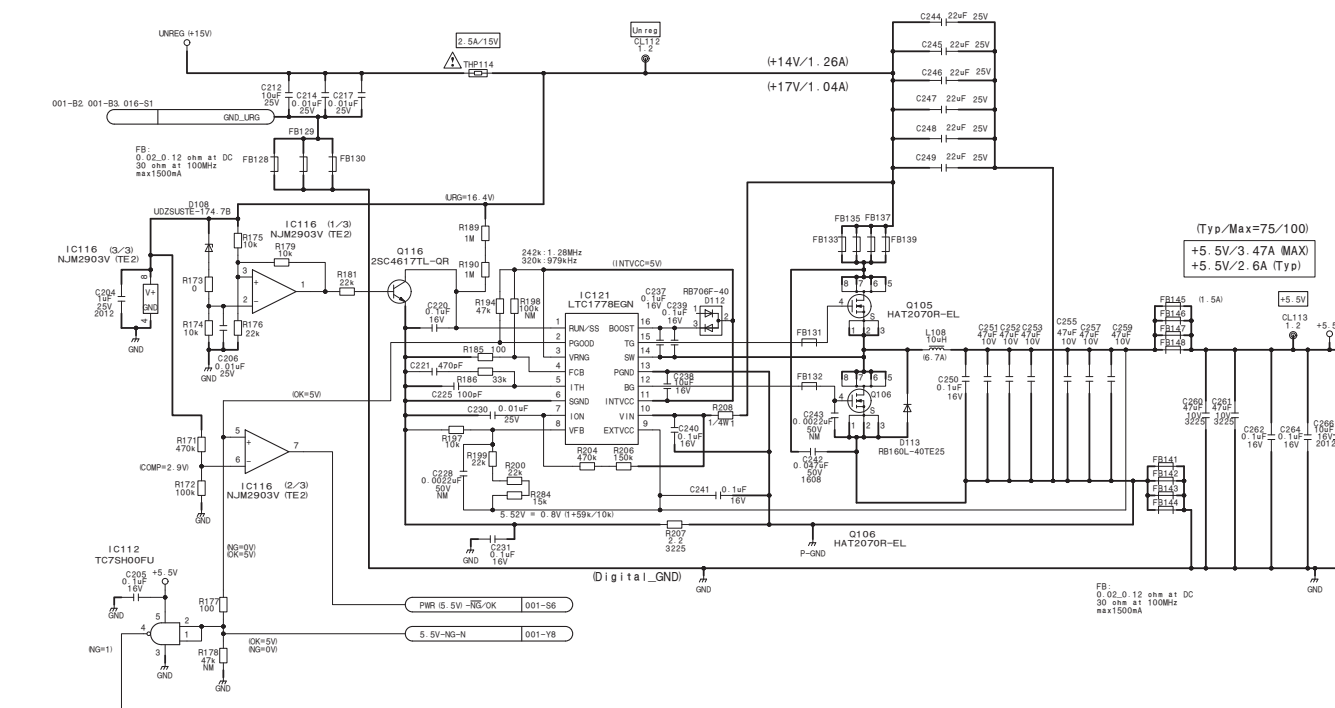
CN-3583



DPR-337F
DPR-337F (1/16)_L

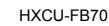


DPR-337F (1/16)_R



DC-DC for Digital
DPR-337F (1/16)
BOARD NO. 1-885-532-21
DPR-337_1

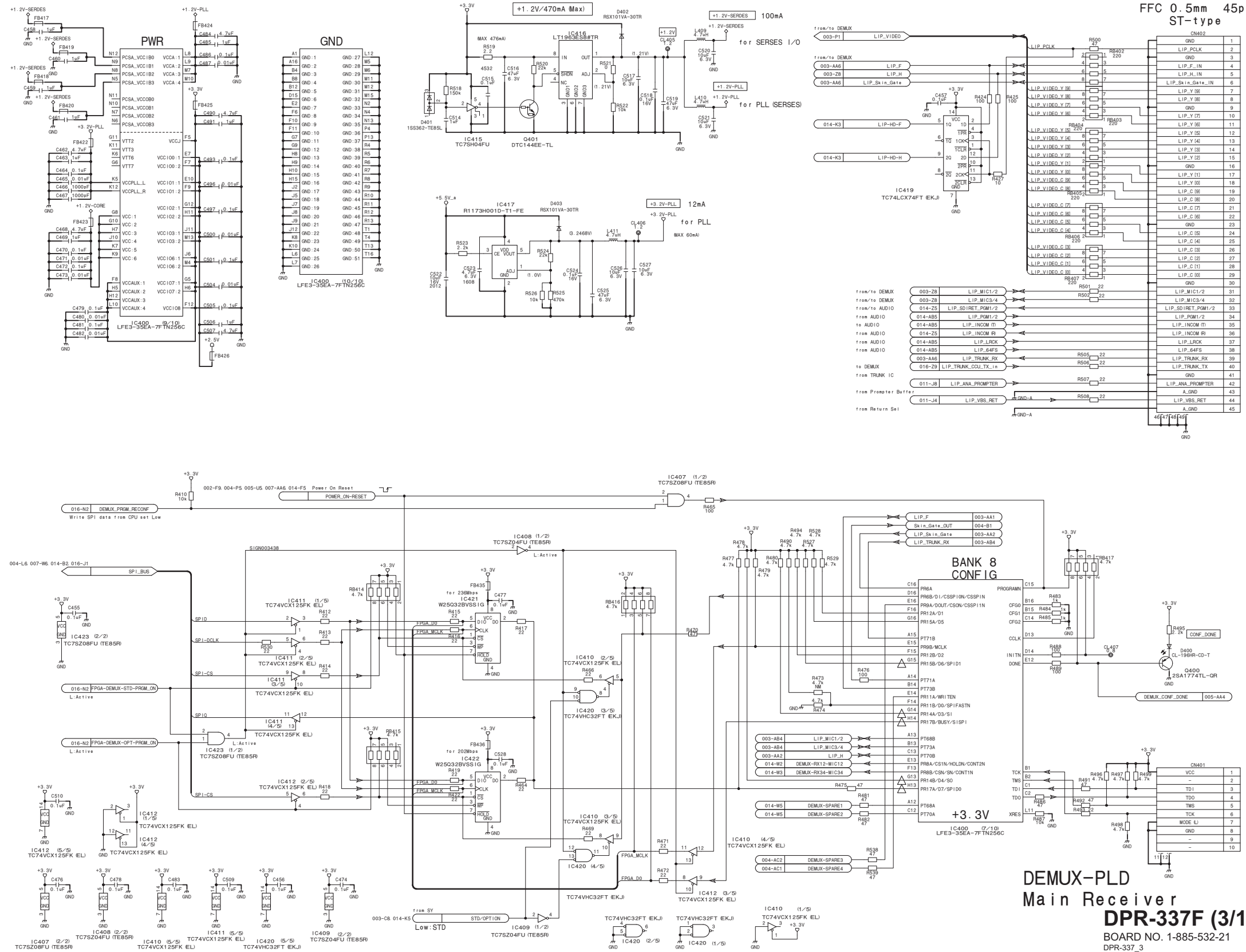
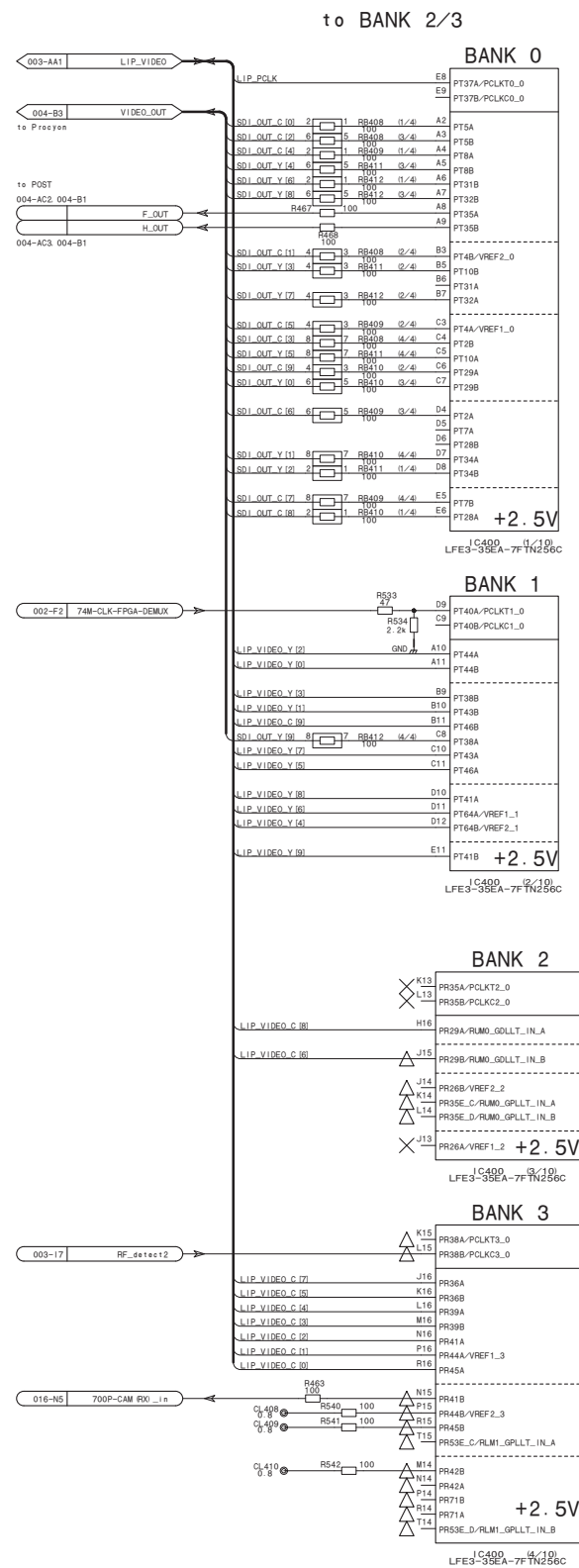
HXCU-FB70



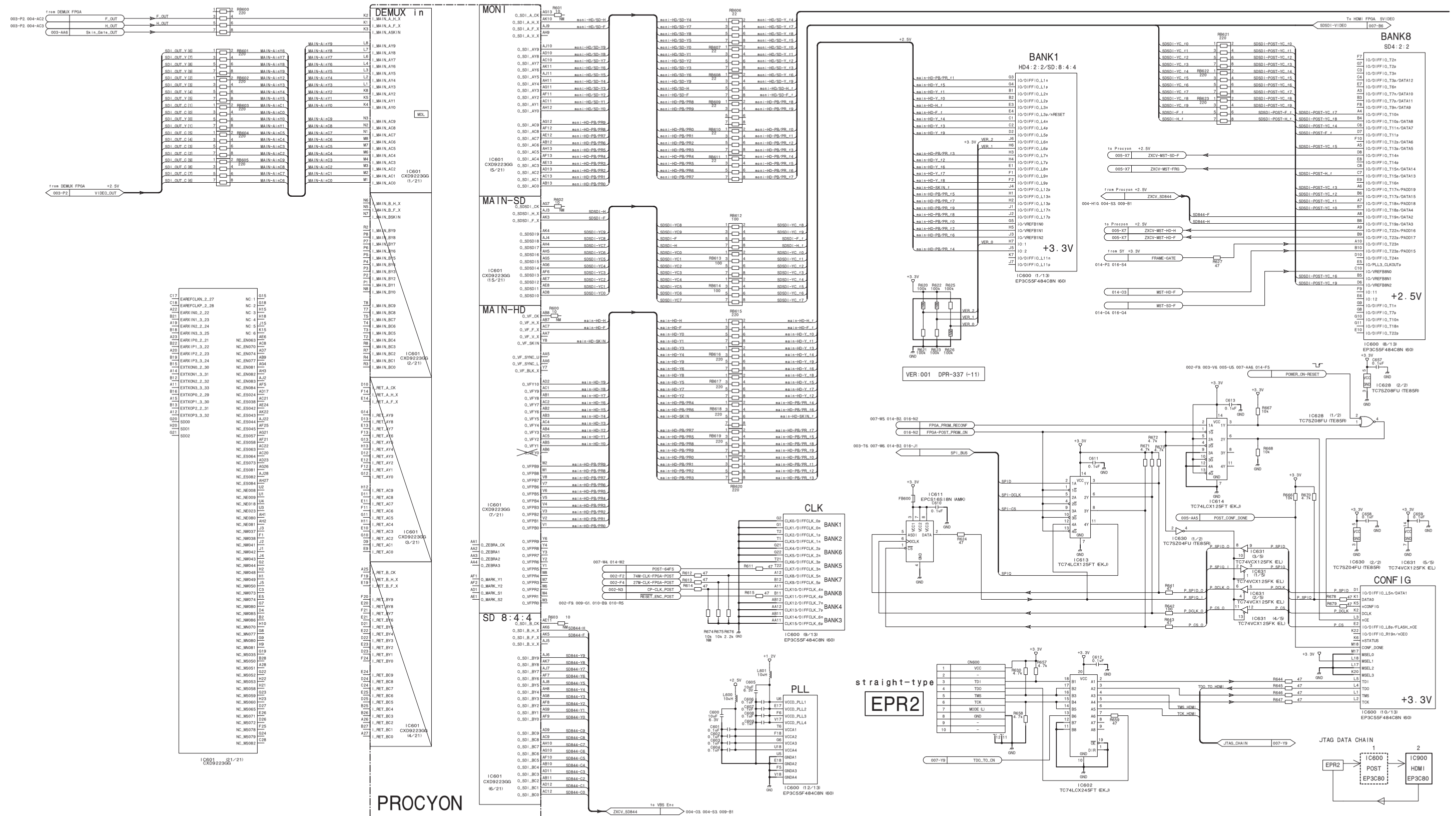
HRS DF36A
To CN-3369 Board



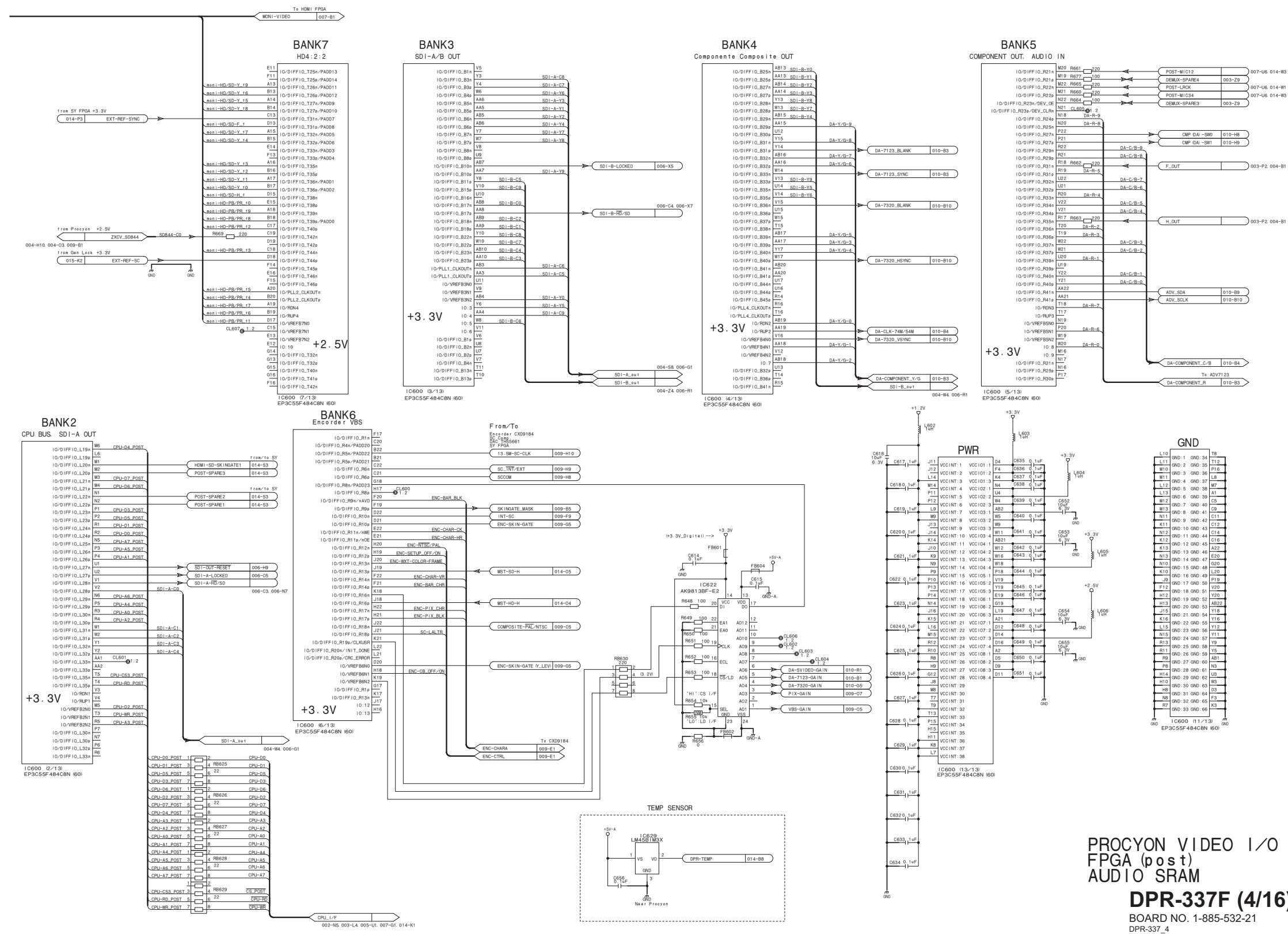
DPR-337F (3/16)_R



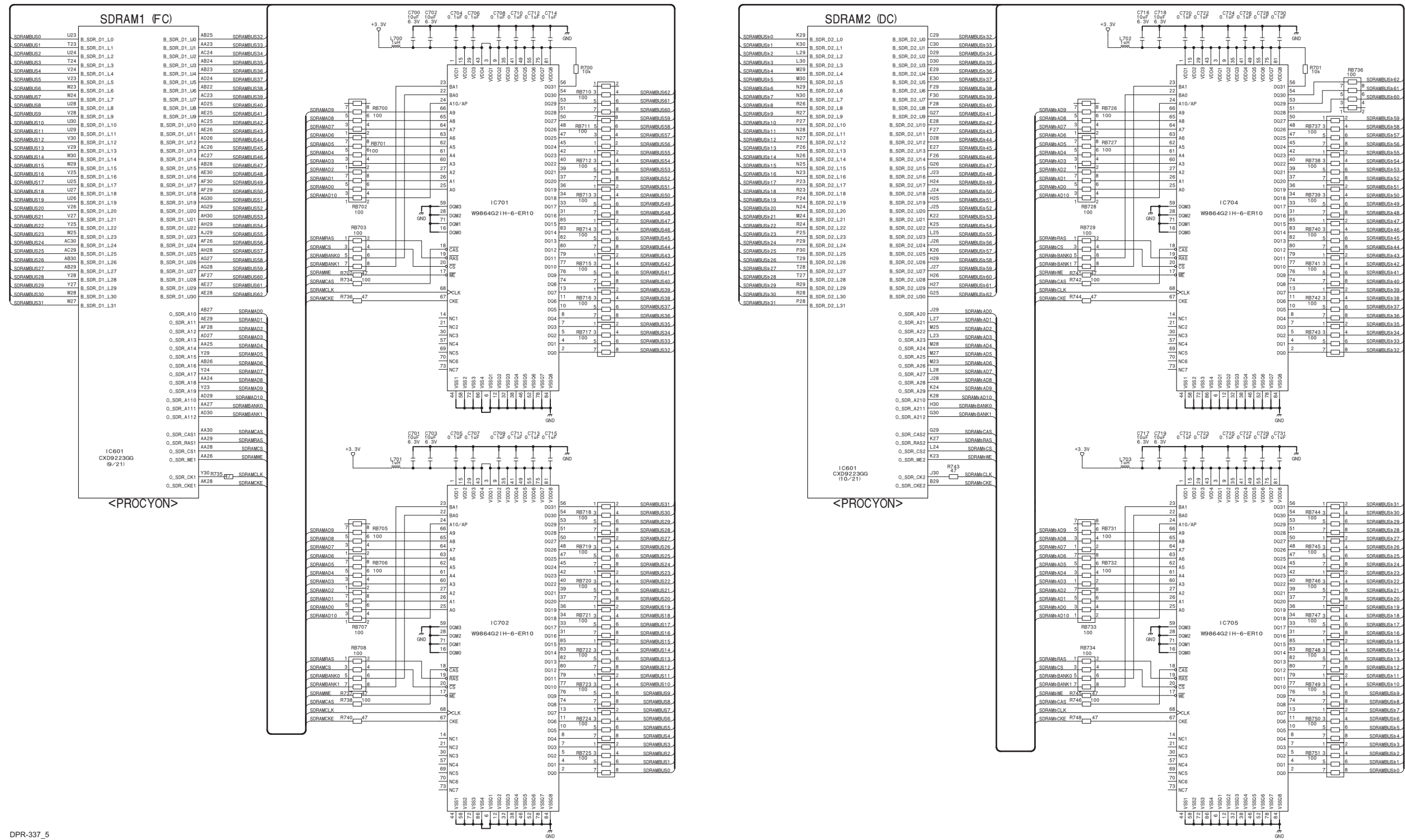
DPR-337F (4/16)_L



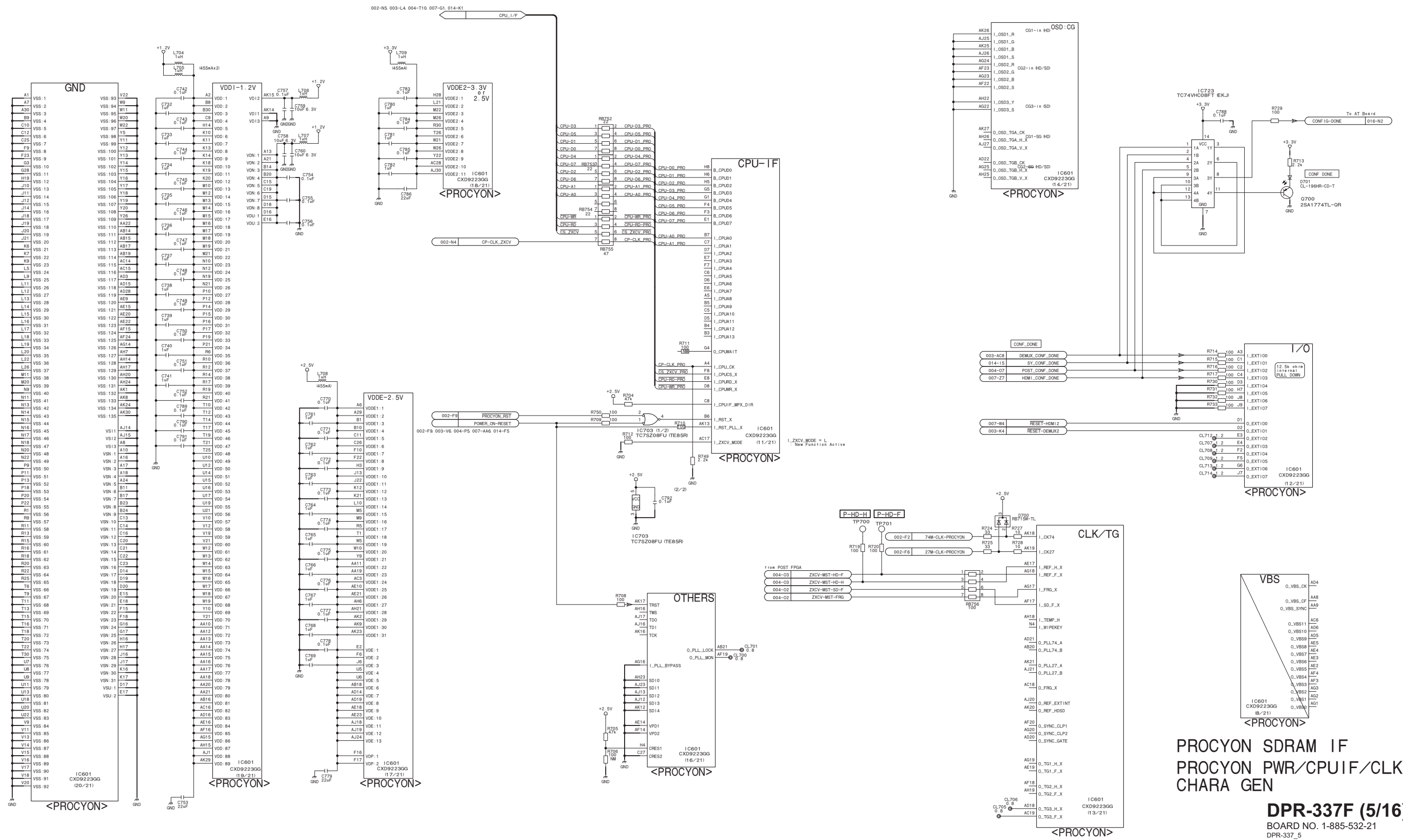
DPR-337F (4/16)_R



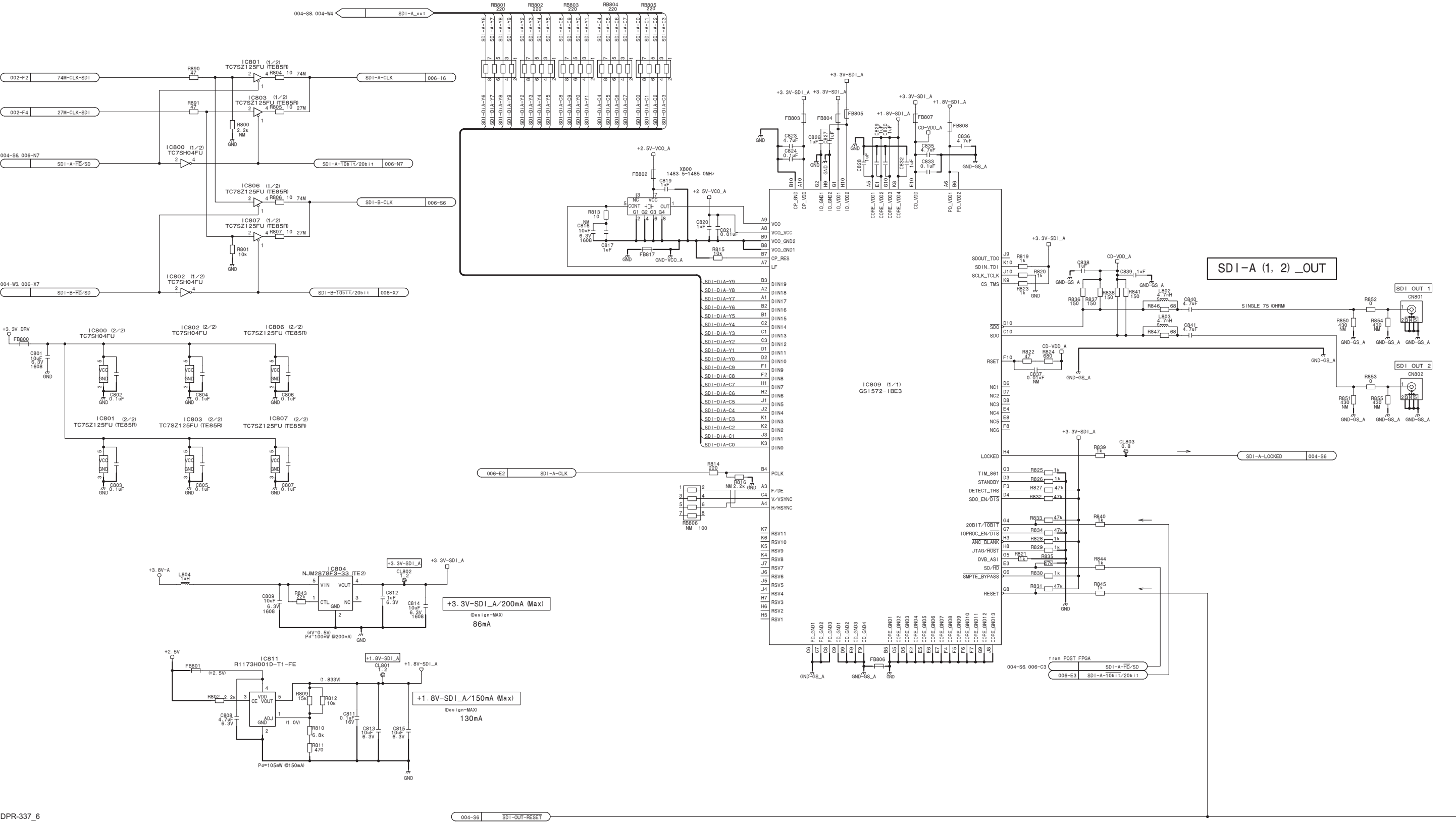
DPR-337F (5/16)_L



DPR-337F (5/16)_R

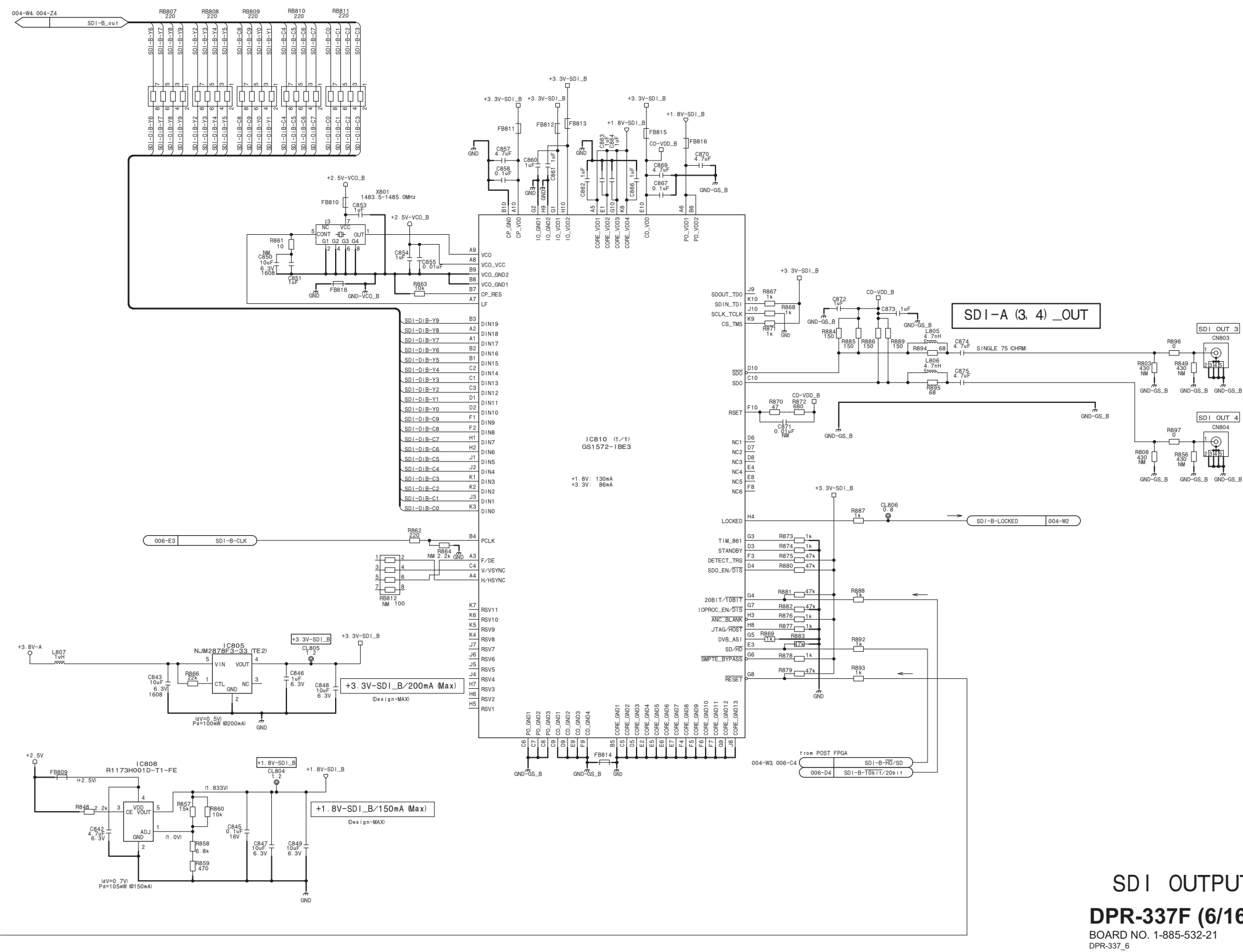


DPR-337F (6/16)_L



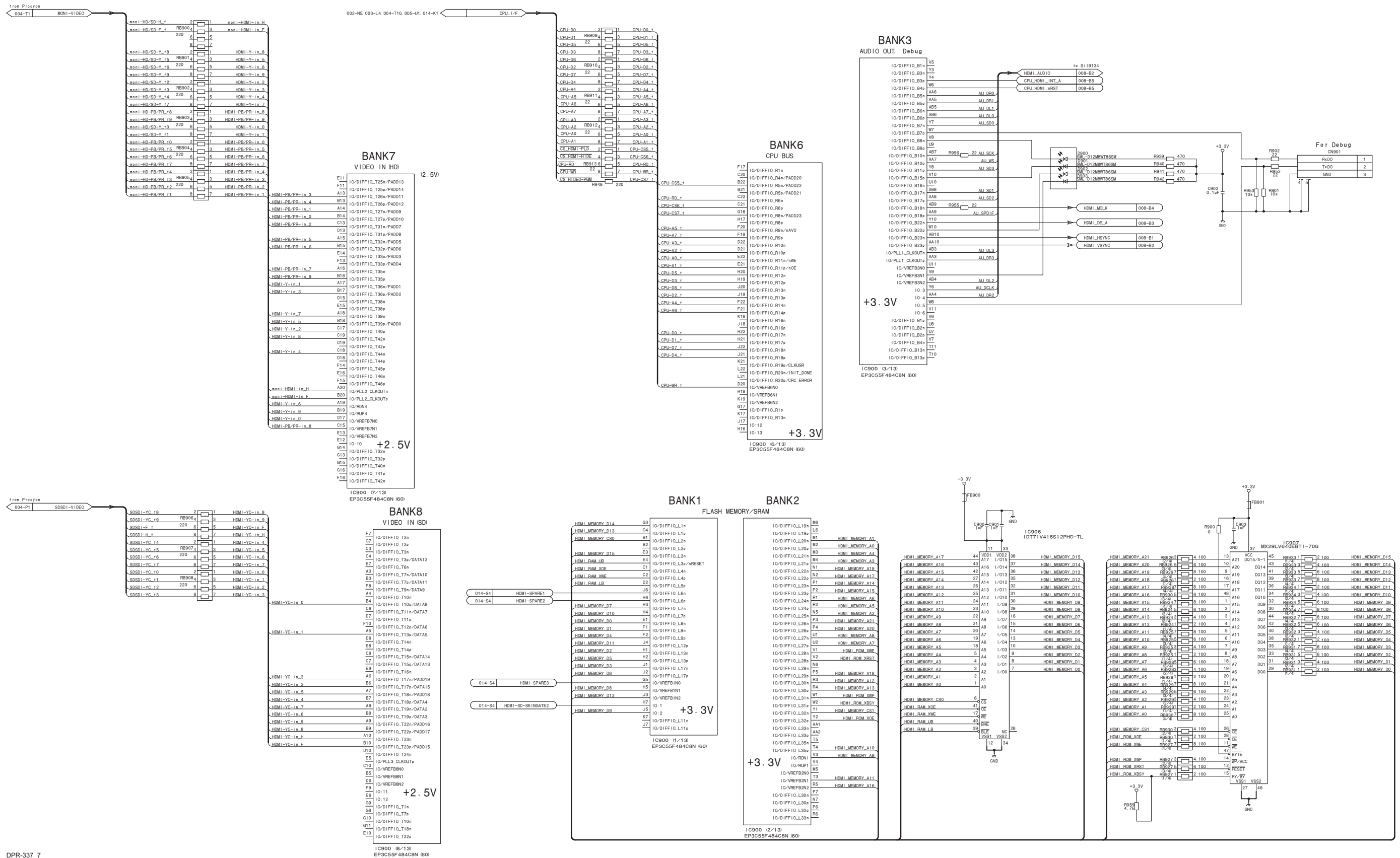
DPR-337_6

DPR-337F (6/16)_R

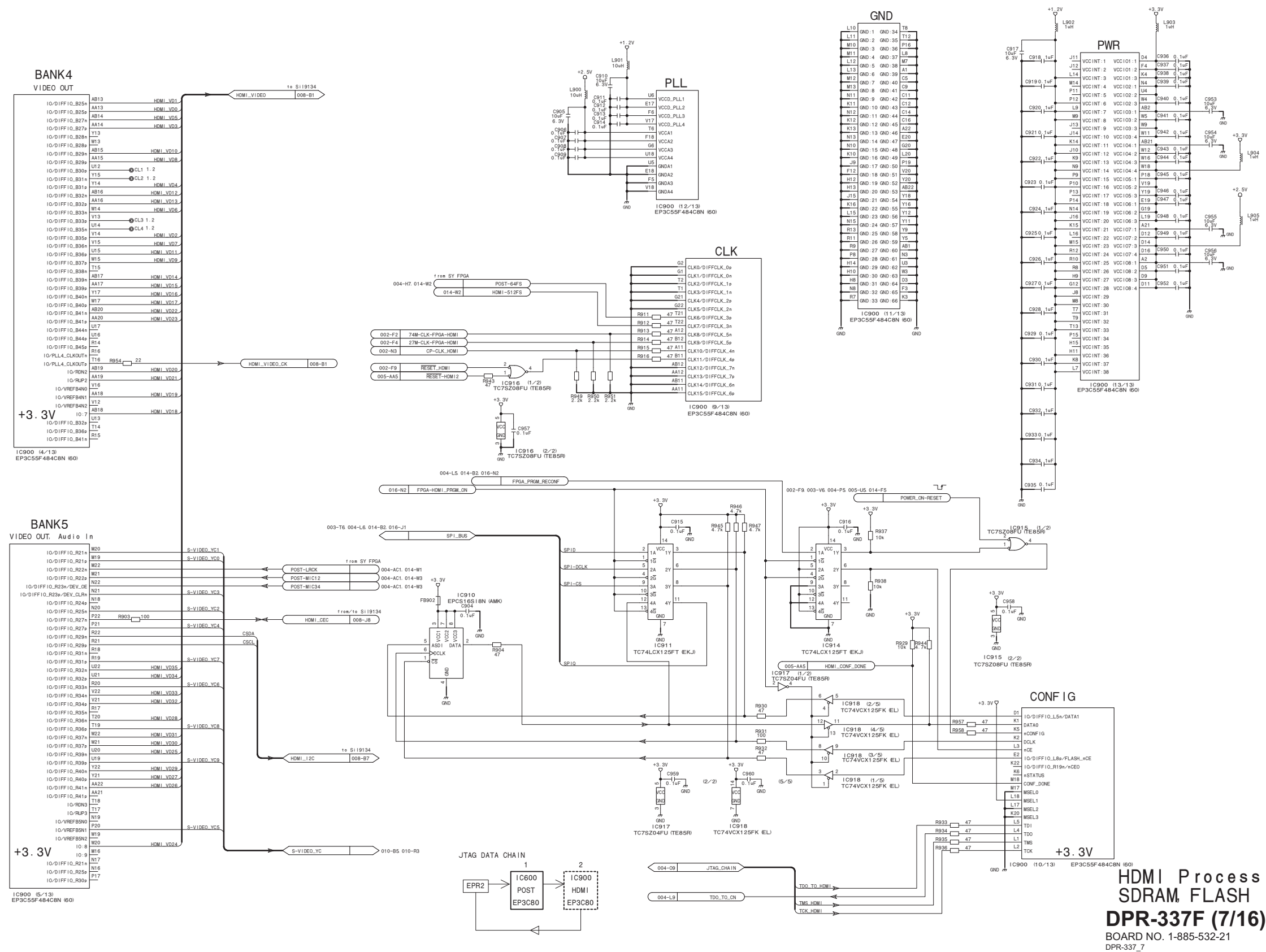


SDI OUTPUT
DPR-337F (6/16)
BOARD NO. 1-885-532-21
DPR-337_6

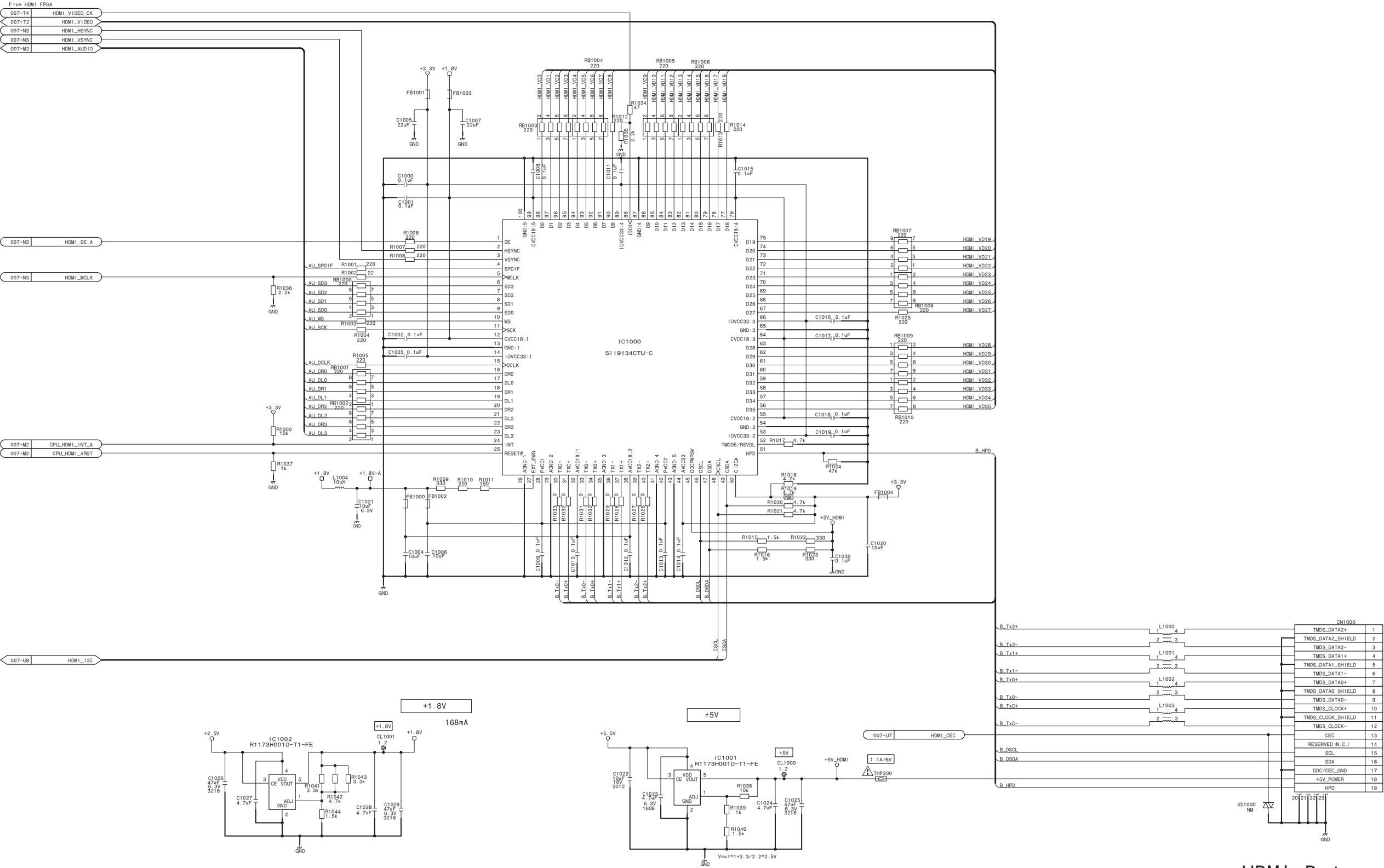
DPR-337F (7/16)_L



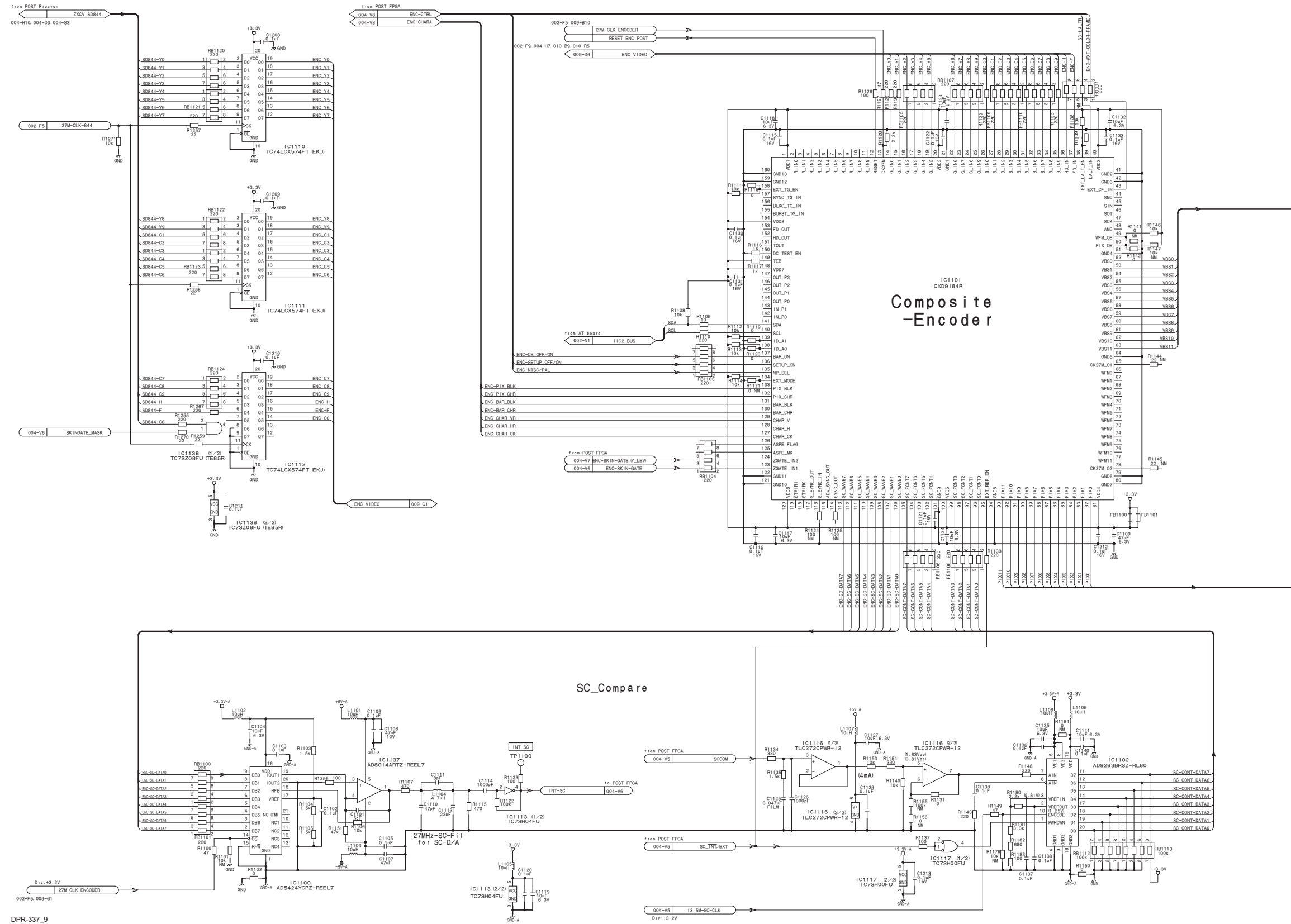
DPR-337F (7/16)_R

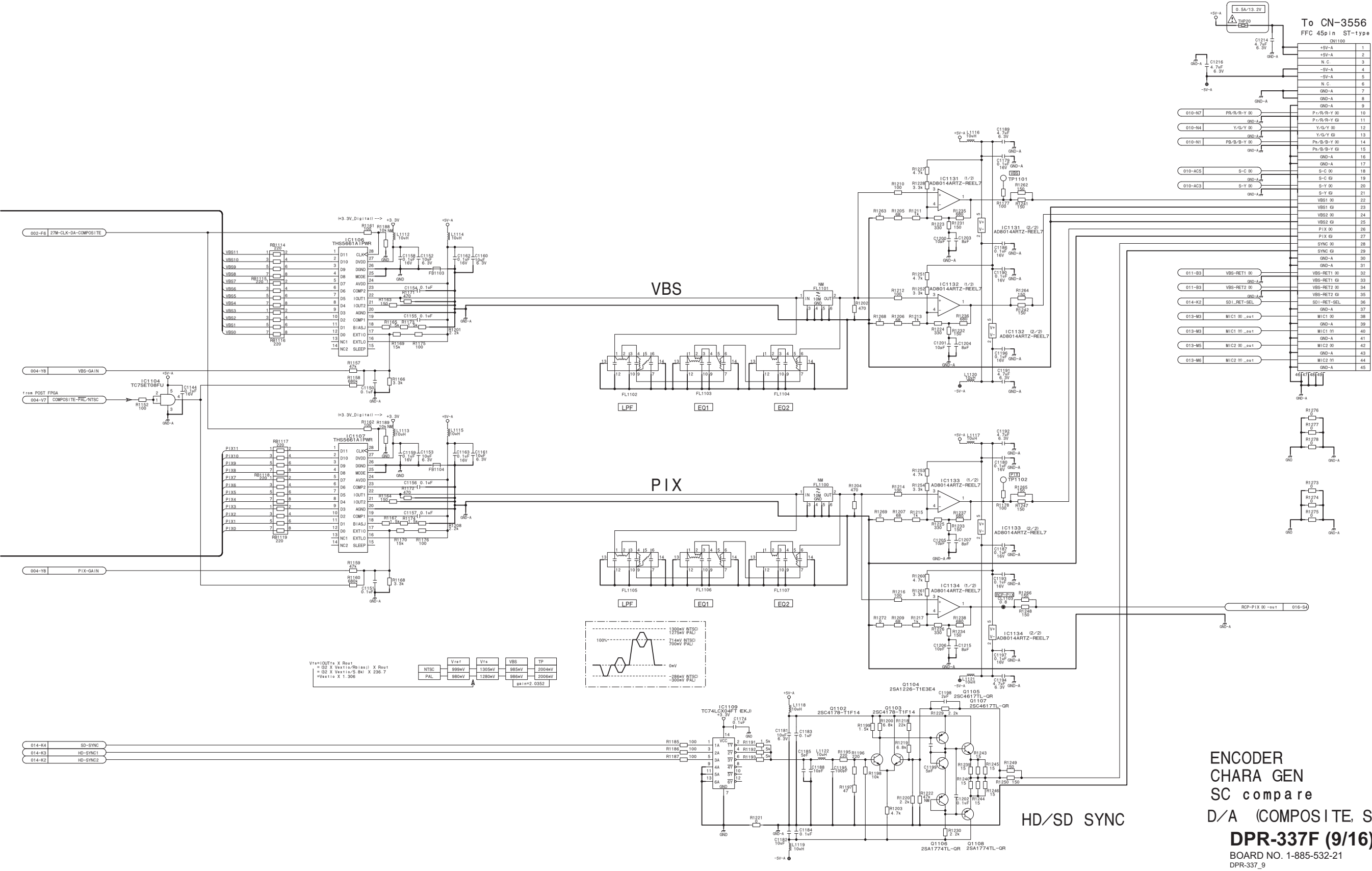


DPR-337F (8/16)



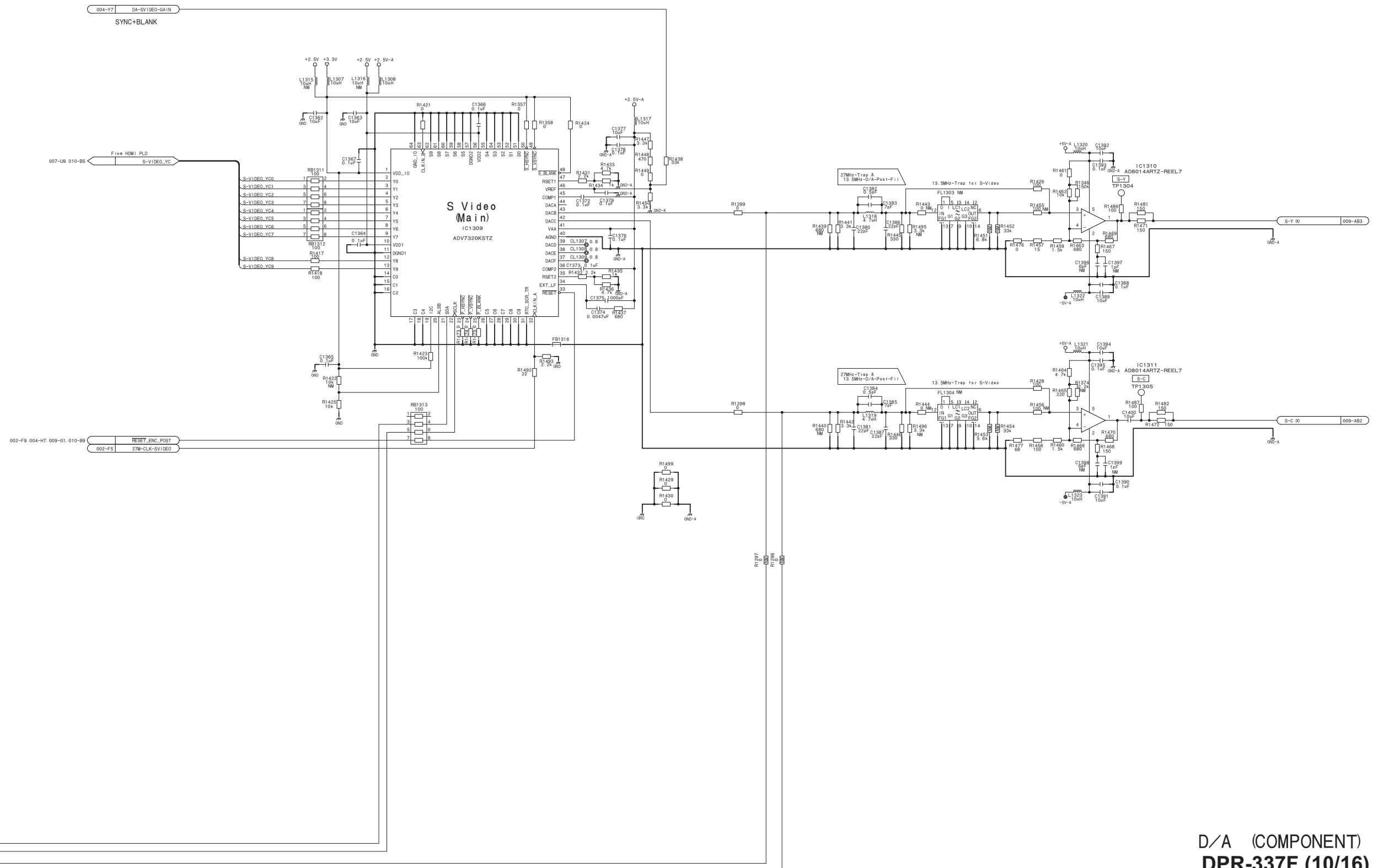
DPR-337F (9/16)_L





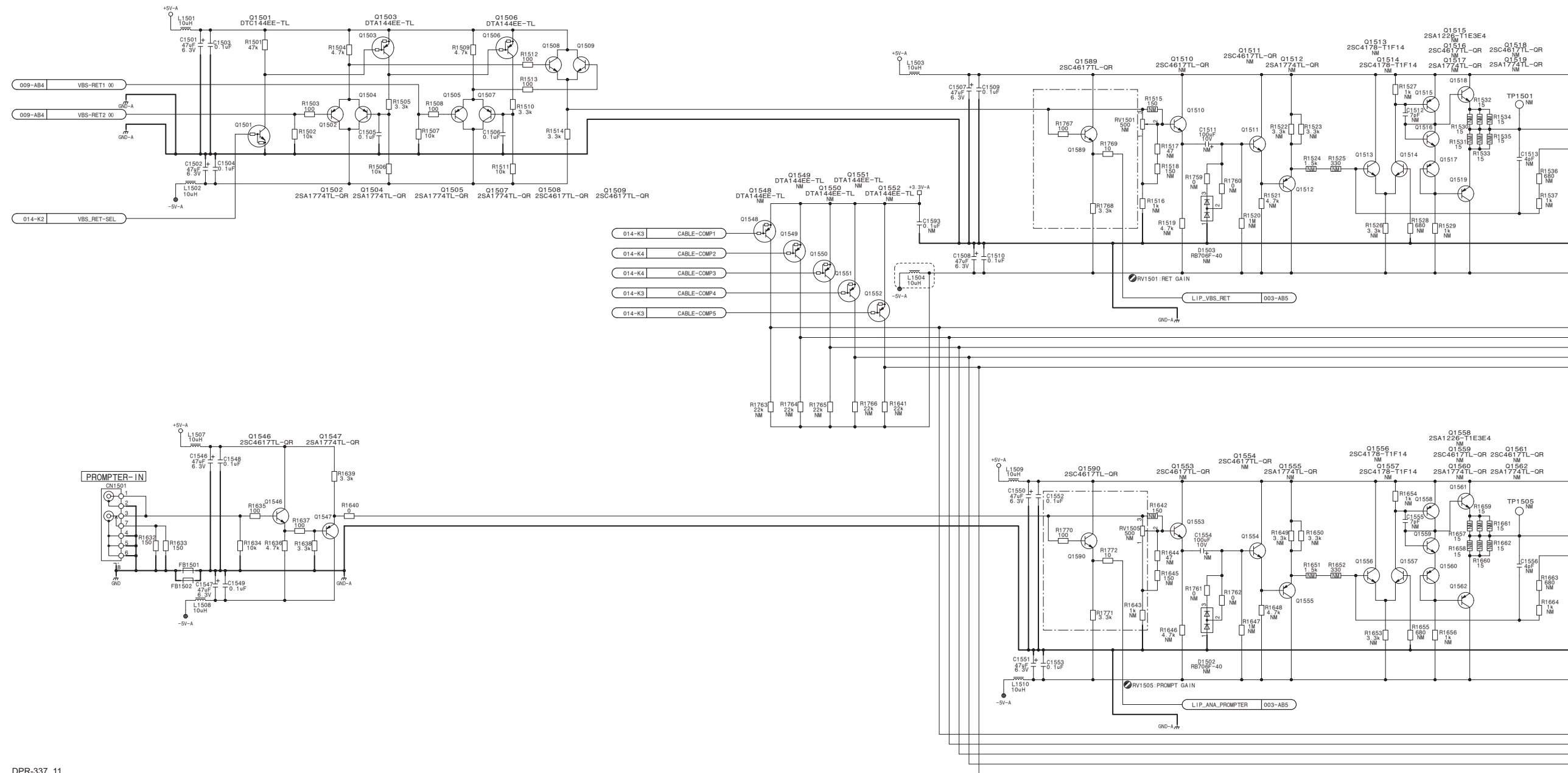
DPR-337F (10/16)_L

DPR-337F (10/16)_R

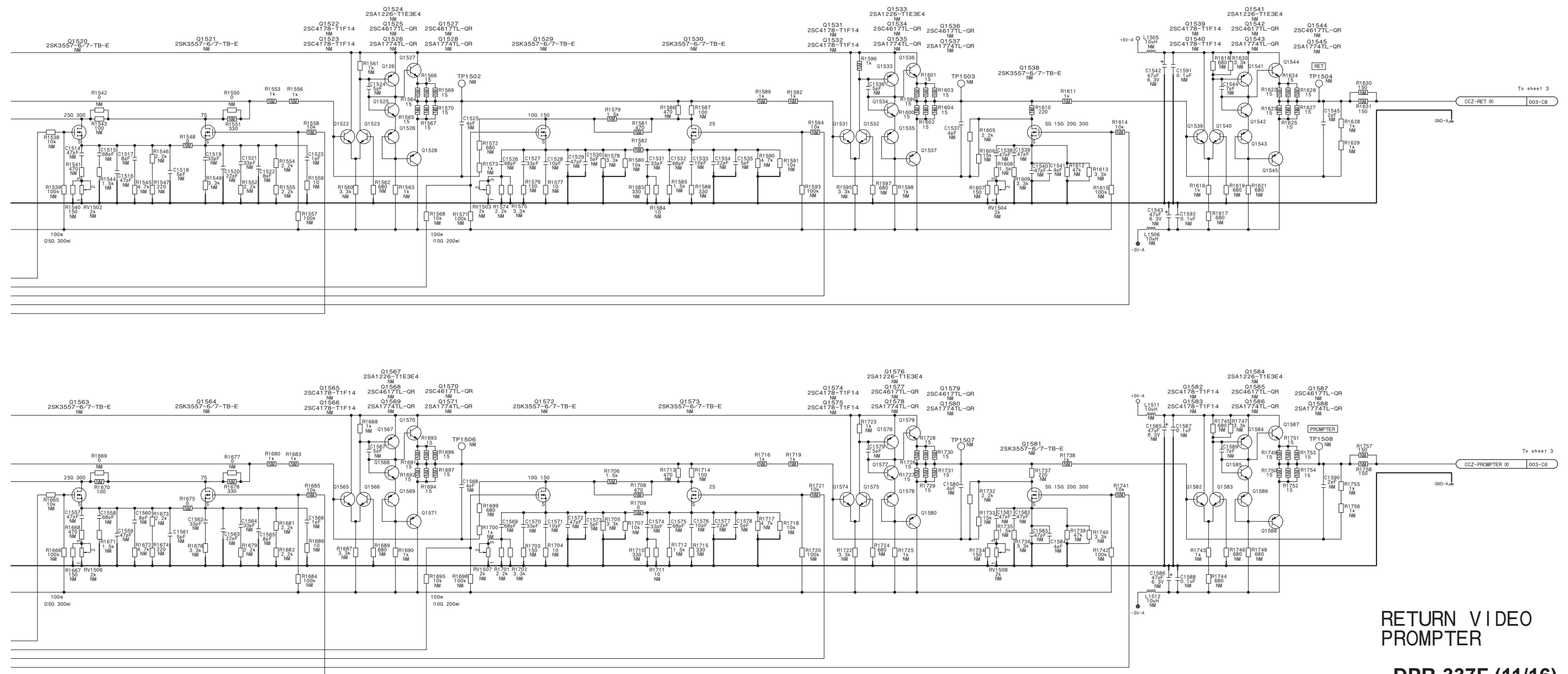


D/A (COMPONENT)
DPR-337F (10/16)
BOARD NO. 1-885-532-21
DPR-337_10

DPR-337F (11/16)_L



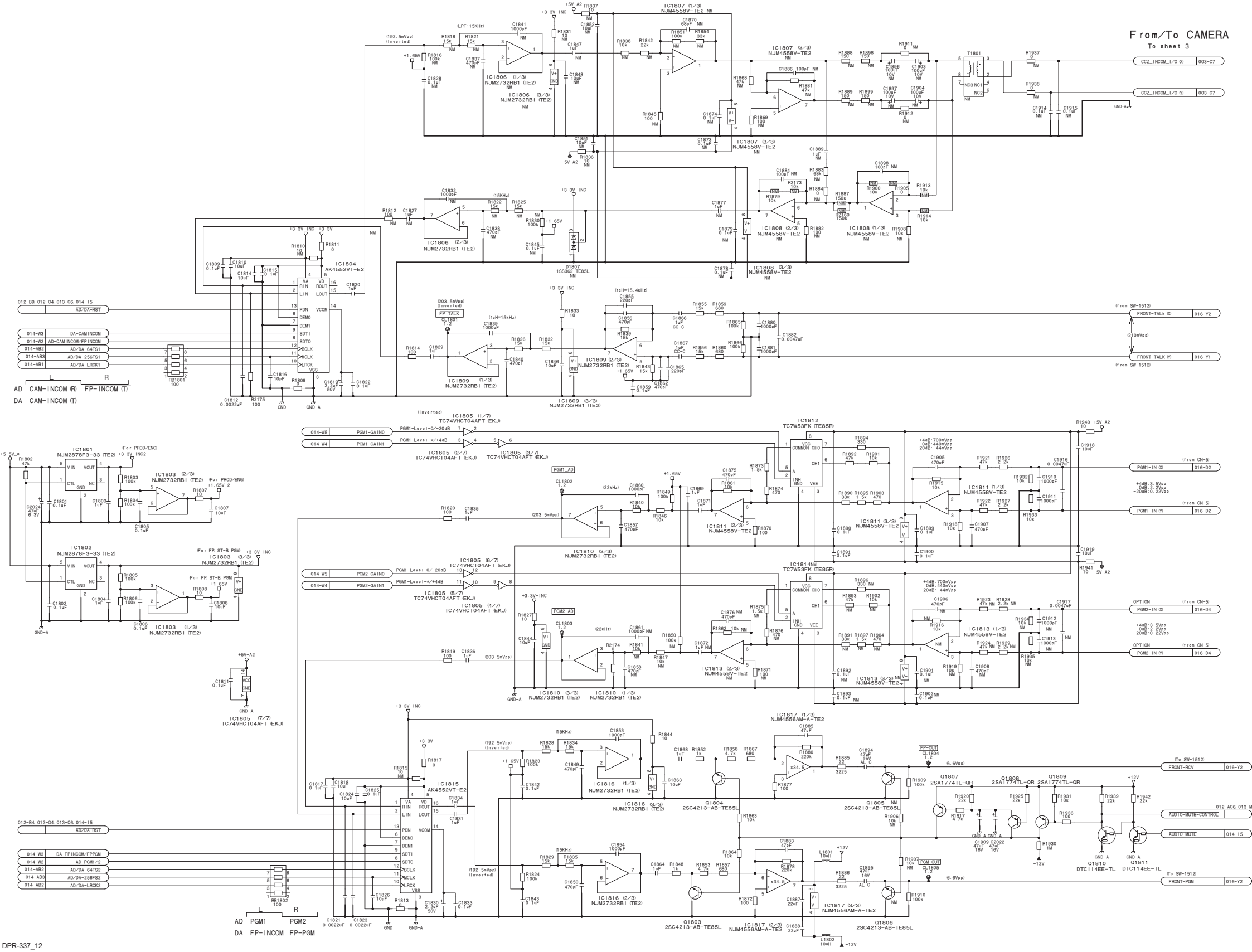
DPR-337F (11/16)_R



RETURN VIDEO
PROMPTER

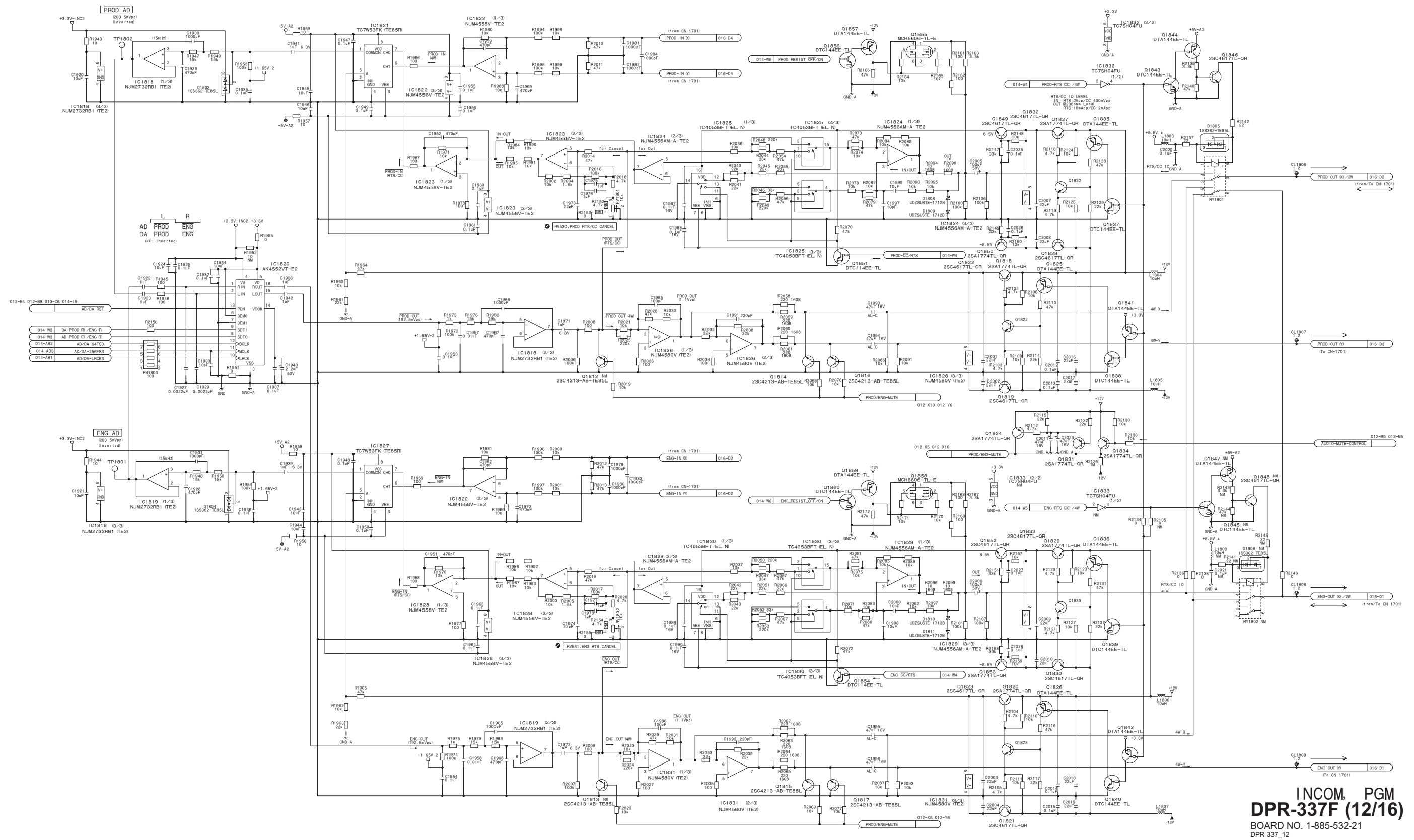
DPR-337F (11/16)

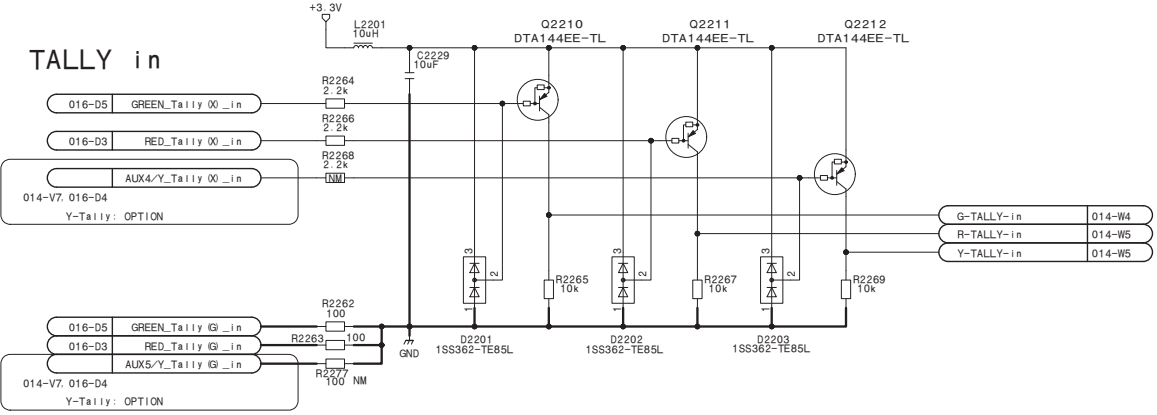
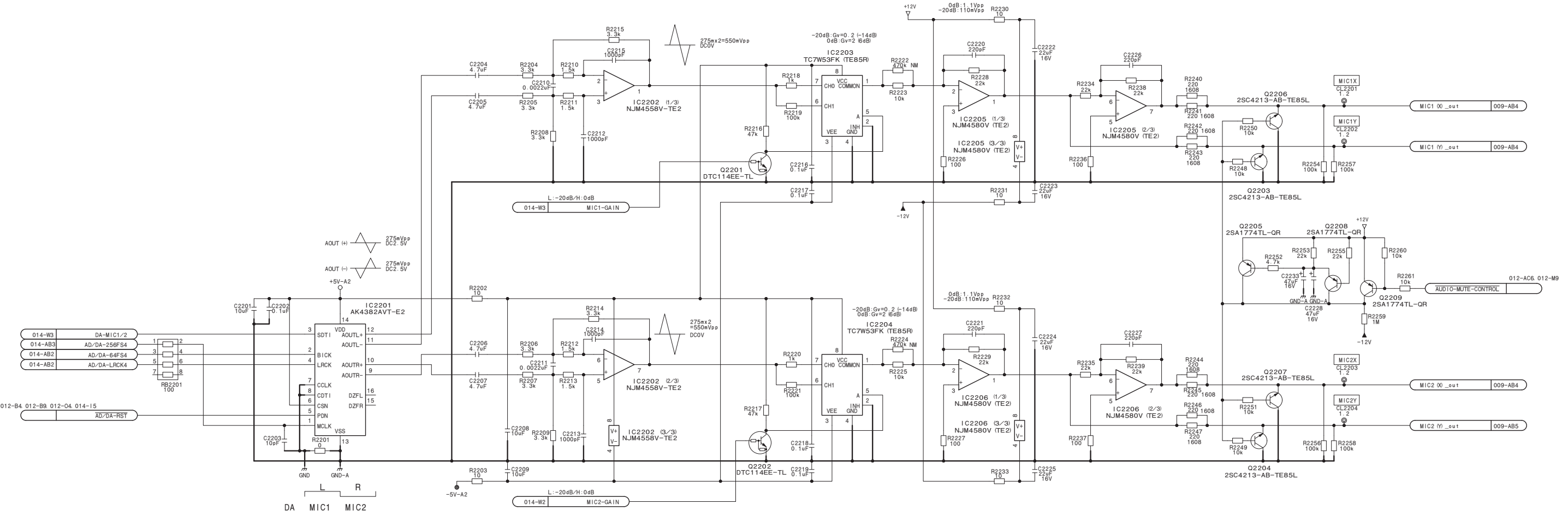
BOARD NO. 1-885-532-21
DPR-337_11



DPR-337_12

DPR-337F (12/16)_R





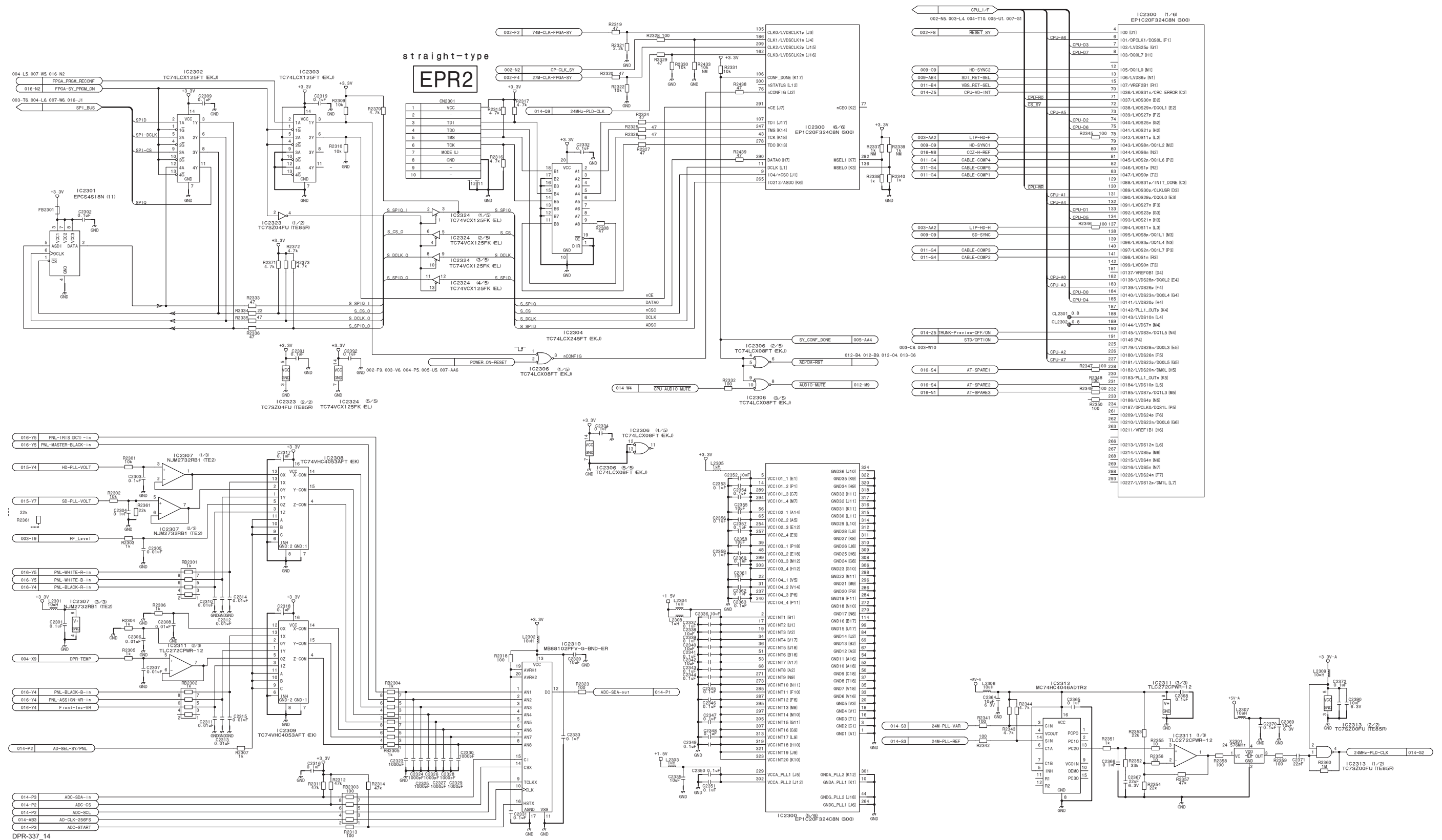
MIC, TALLY

DPR-337F (13/16)

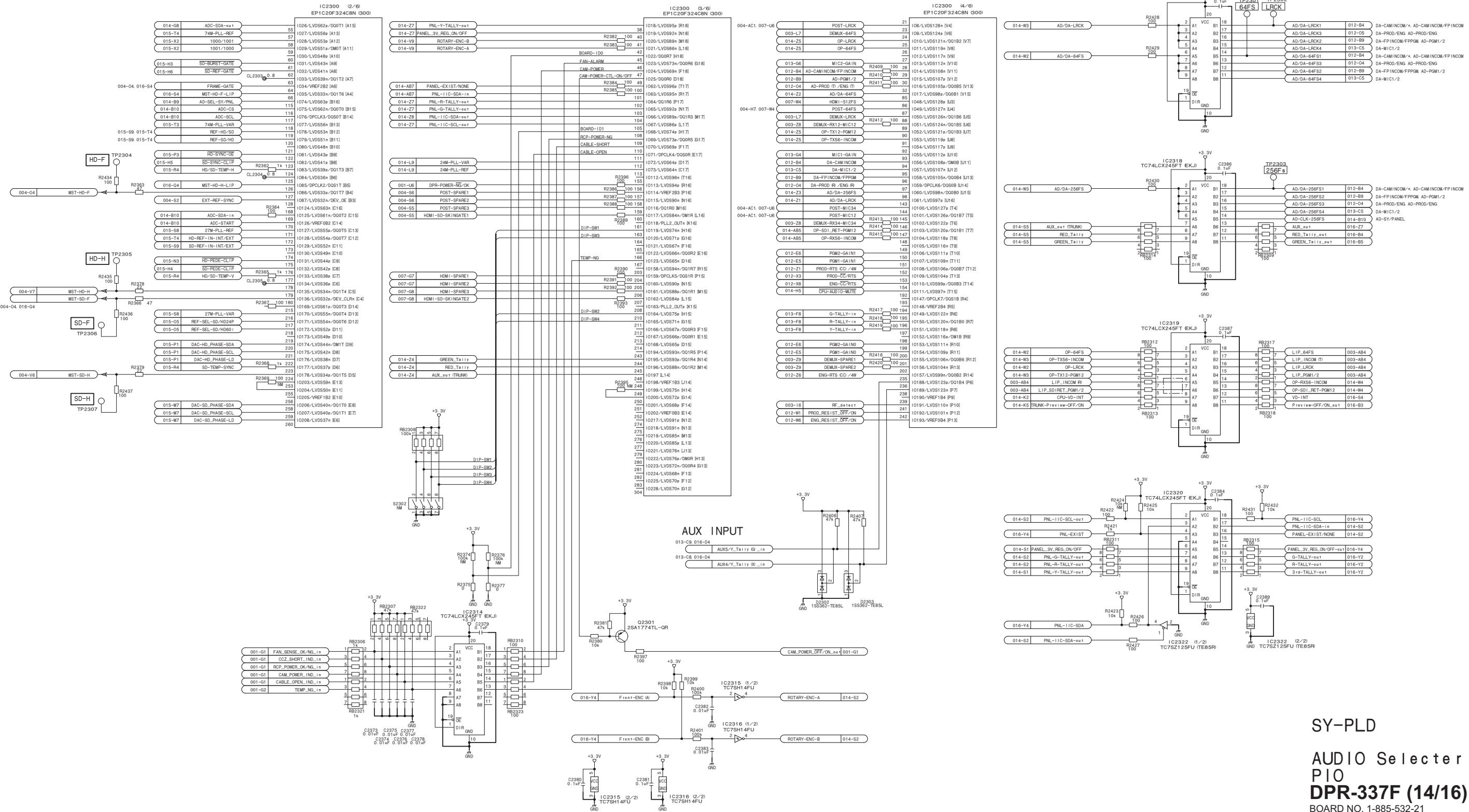
BOARD NO. 1-885-532-21

DPR-337_13

DPR-337F (14/16)_L



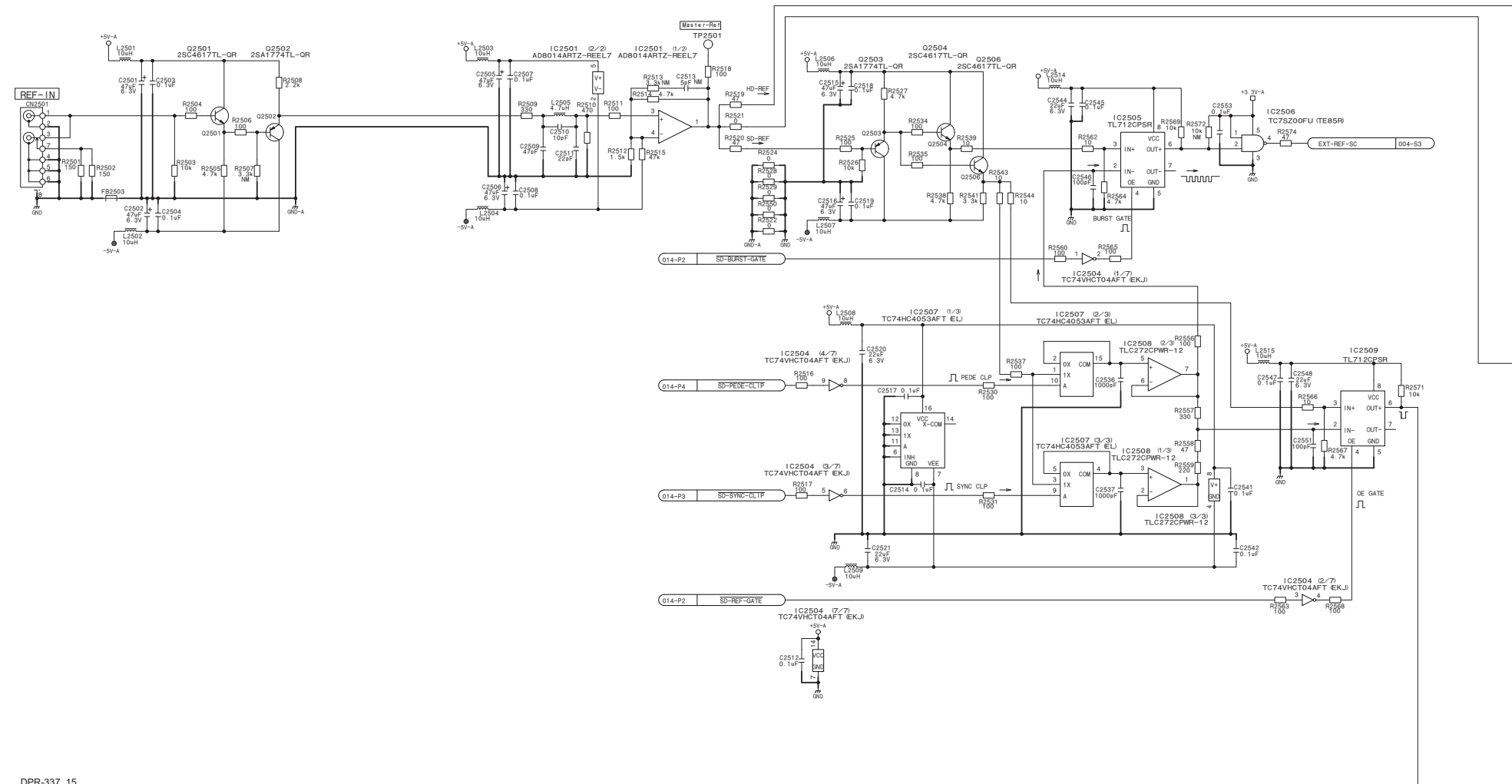
DPR-337F (14/16)_R



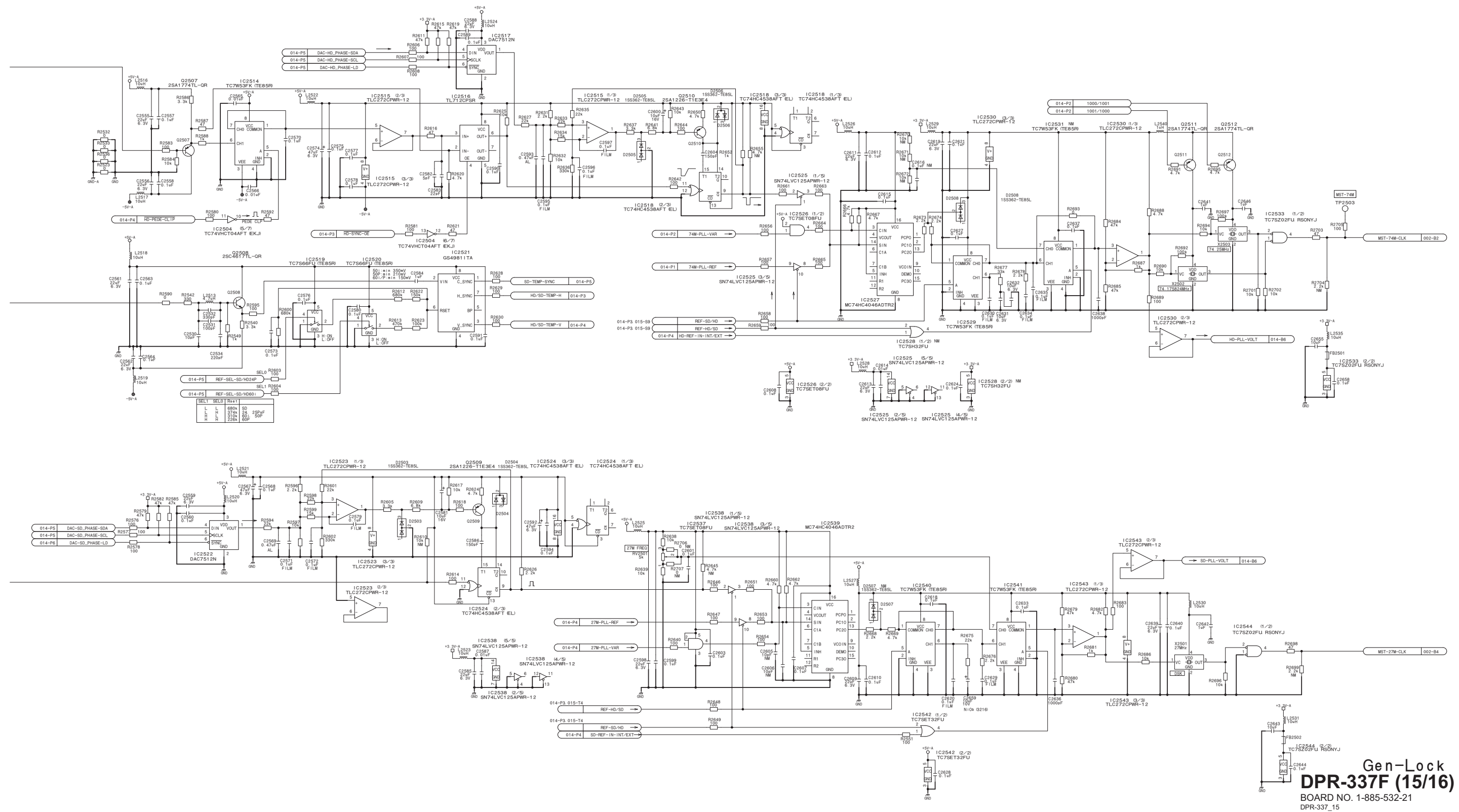
SY-PLD

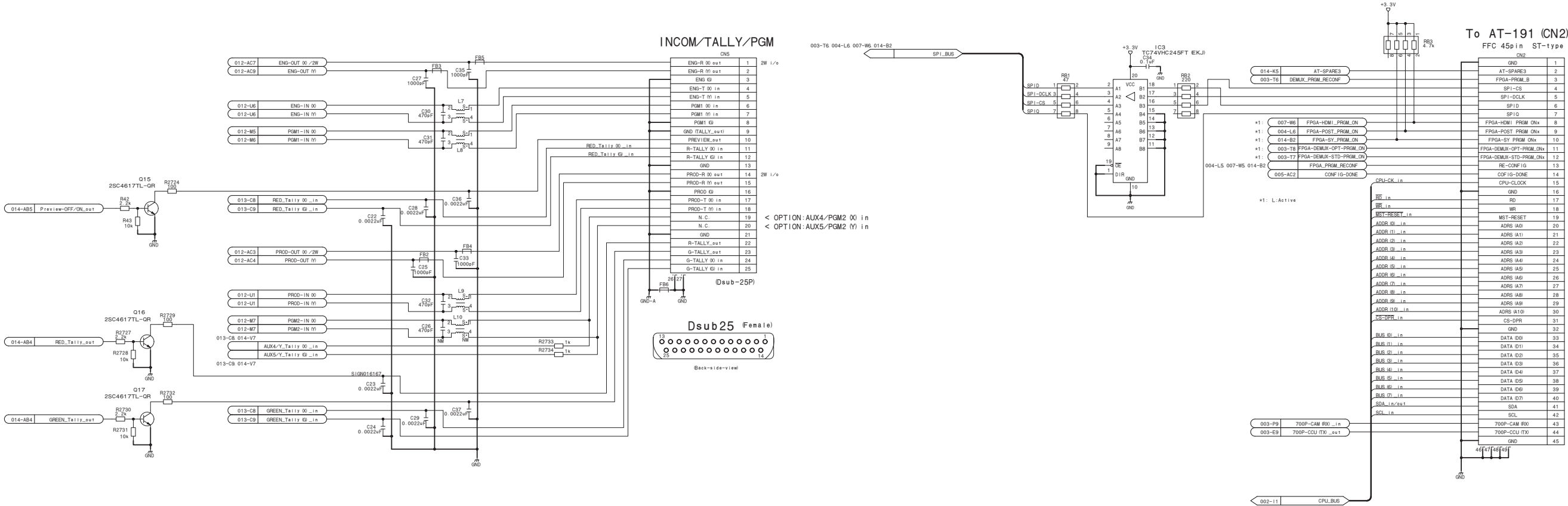
AUDIO Selector
PIO
DPR-337F (14/16)
BOARD NO. 1-885-532-21
DPR-337_14

DPR-337F (15/16)_L

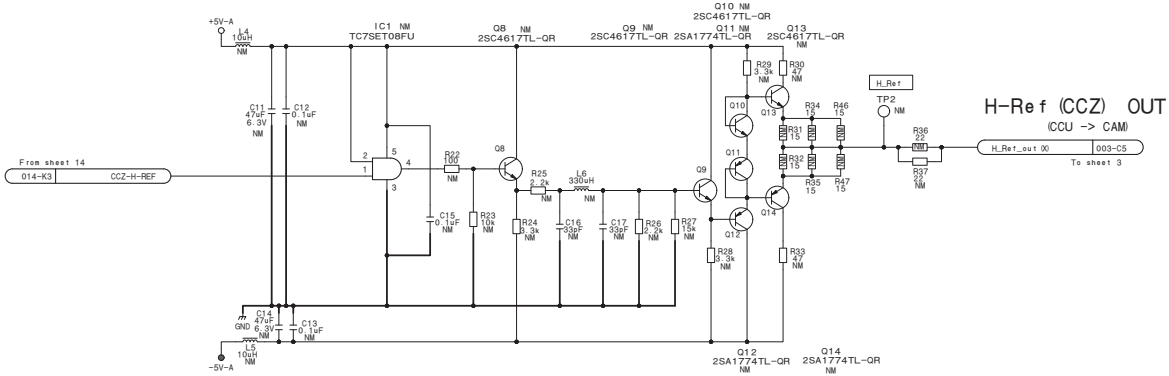


DPR-337F (15/16)_R

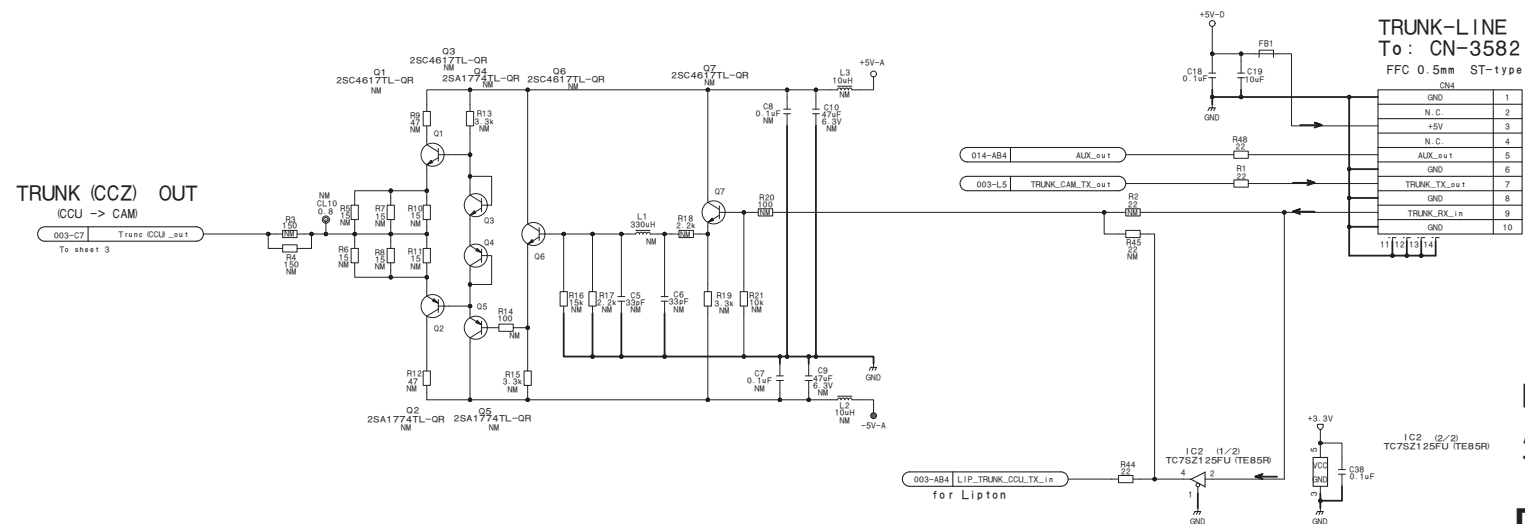
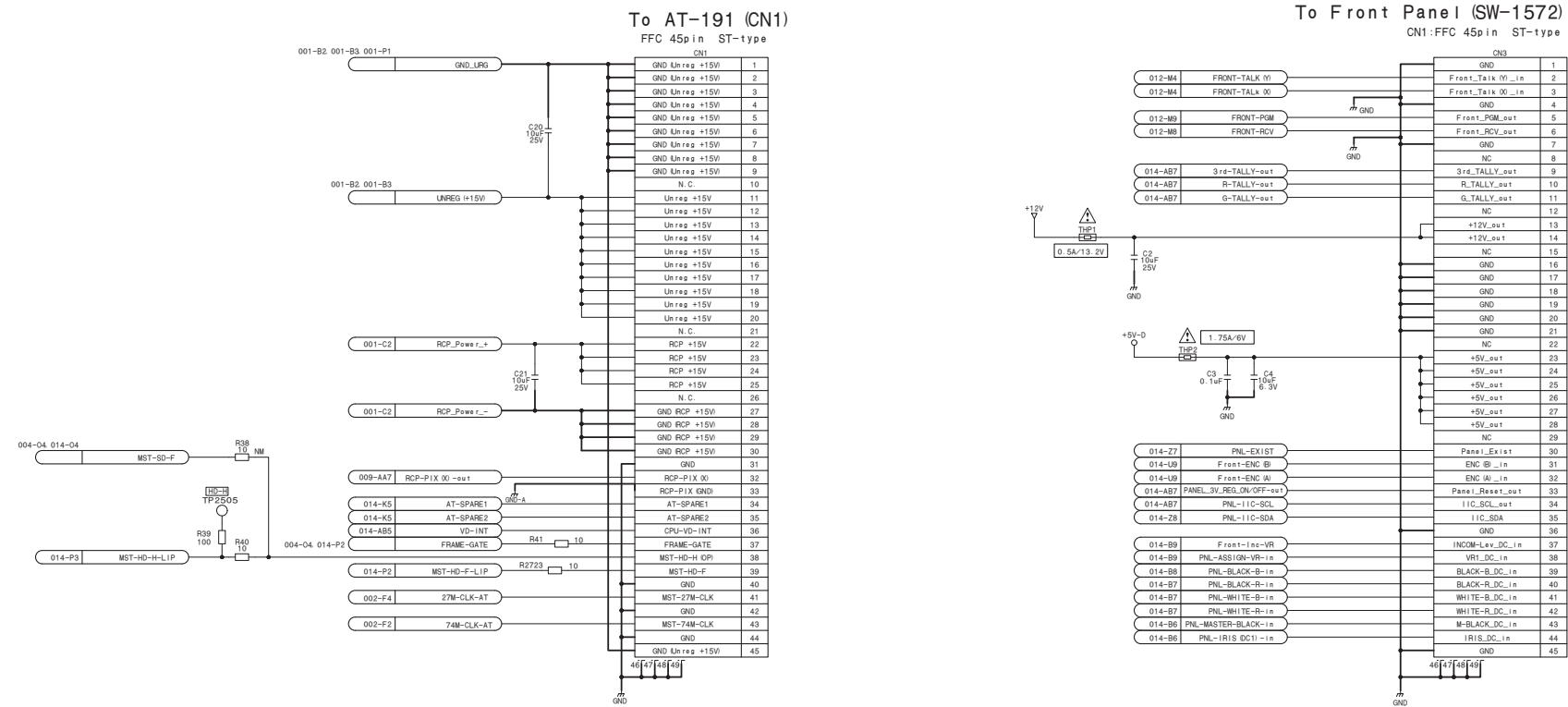




H-REF



DPR-337F (16/16)_R

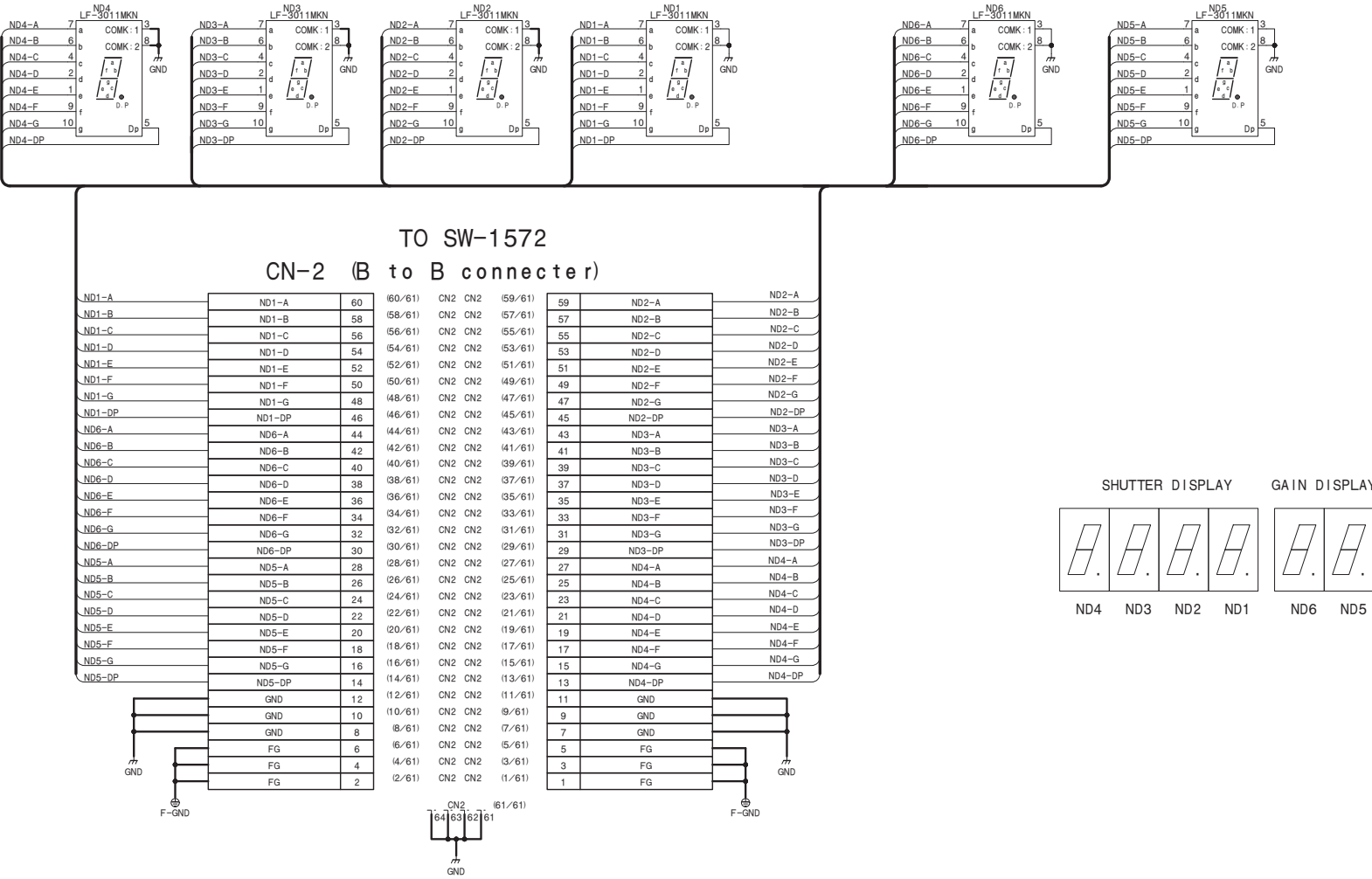


Front-Panai-CN
AT-CN
TRUNC-CN

DPR-337F (16/16)

BOARD NO. 1-885-532-21
DPR-337_16

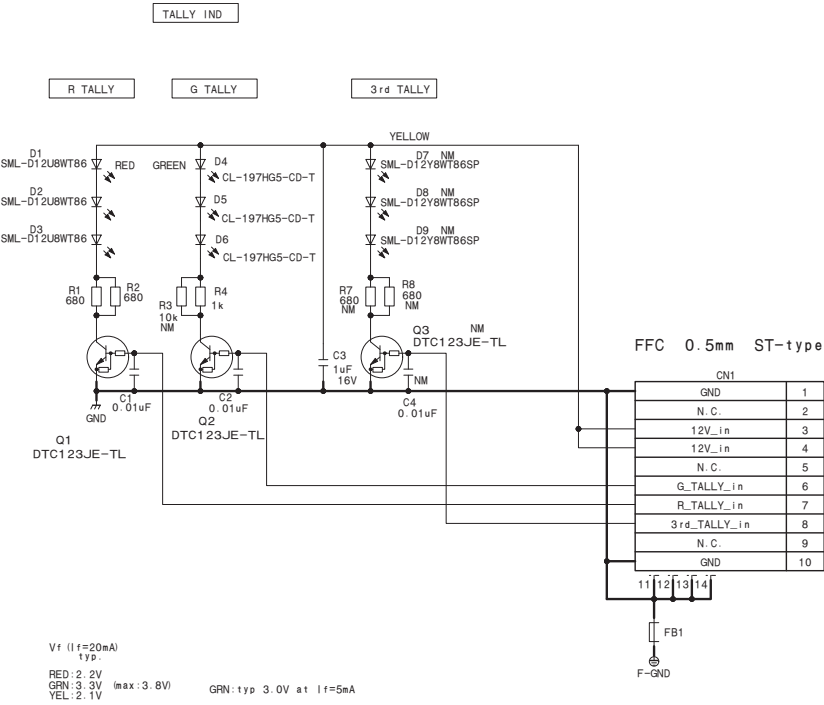
LED-518



CN-2: DY01-060S-T

LED-518
BOARD NO. 1-887-829-11
LED-518_1

LED-519

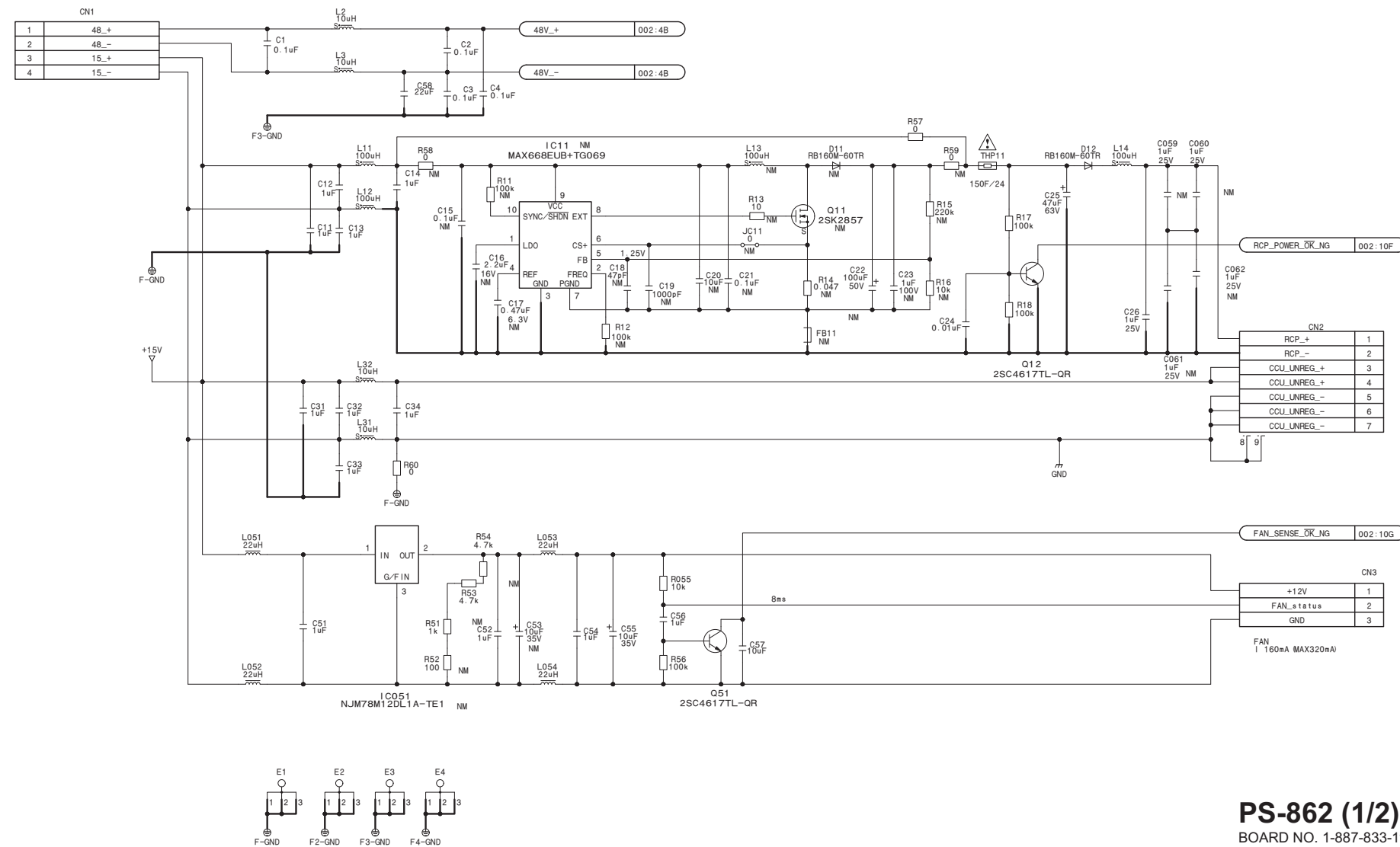


LED-519

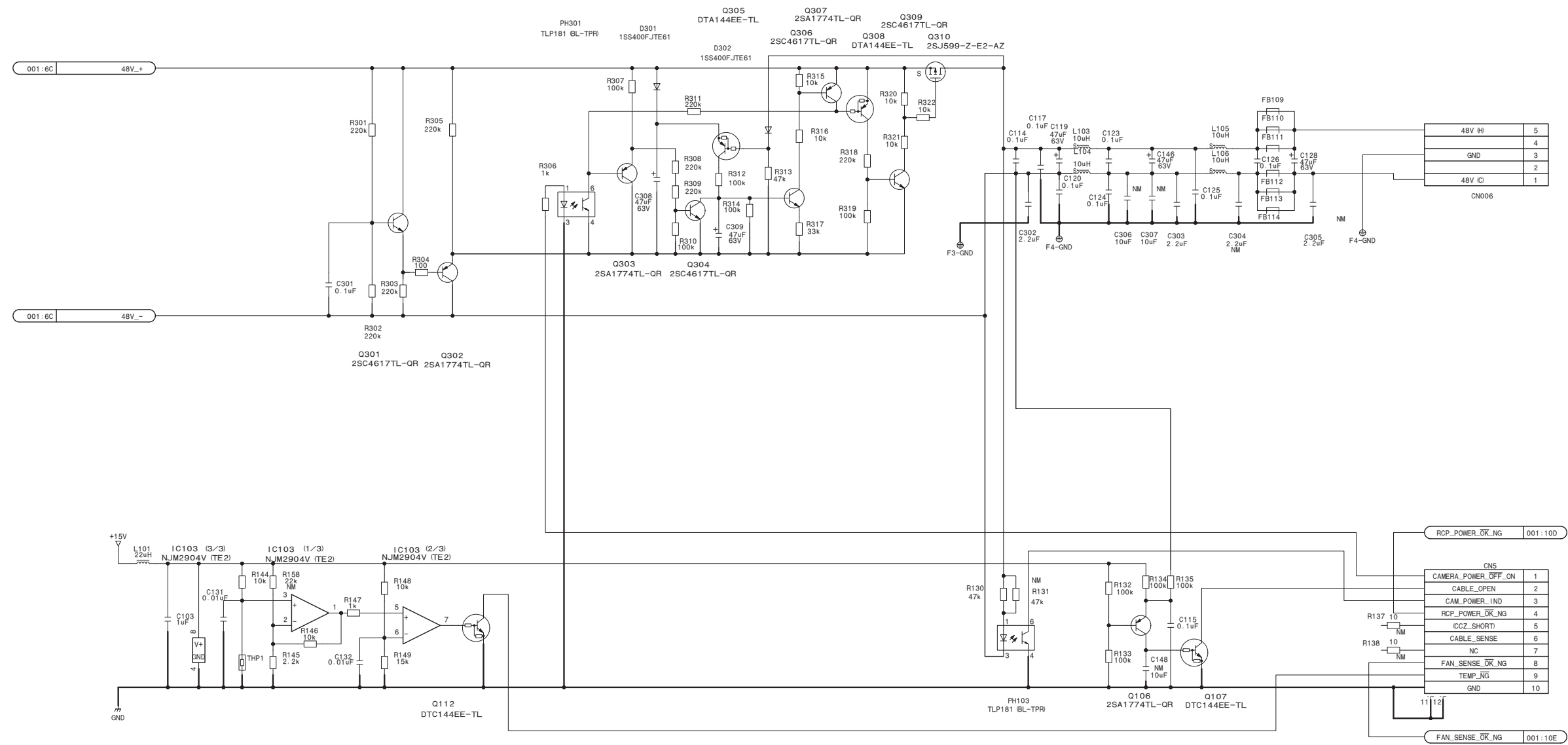
BOARD NO. 1-887-830-11

LED-519_1

PS-862
PS-862 (1/2)



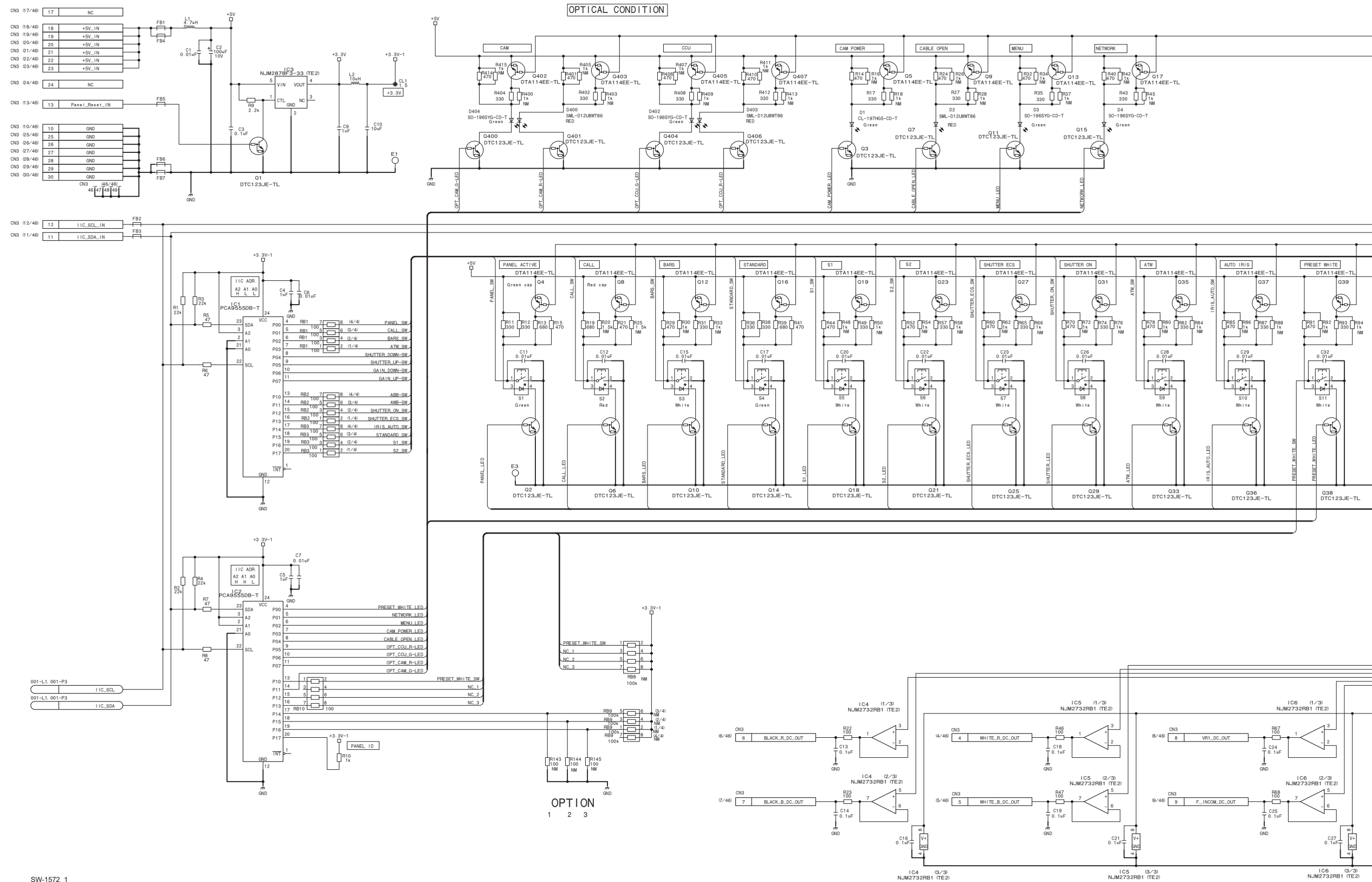
PS-862 (2/2)



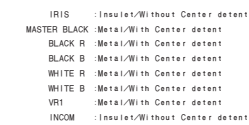
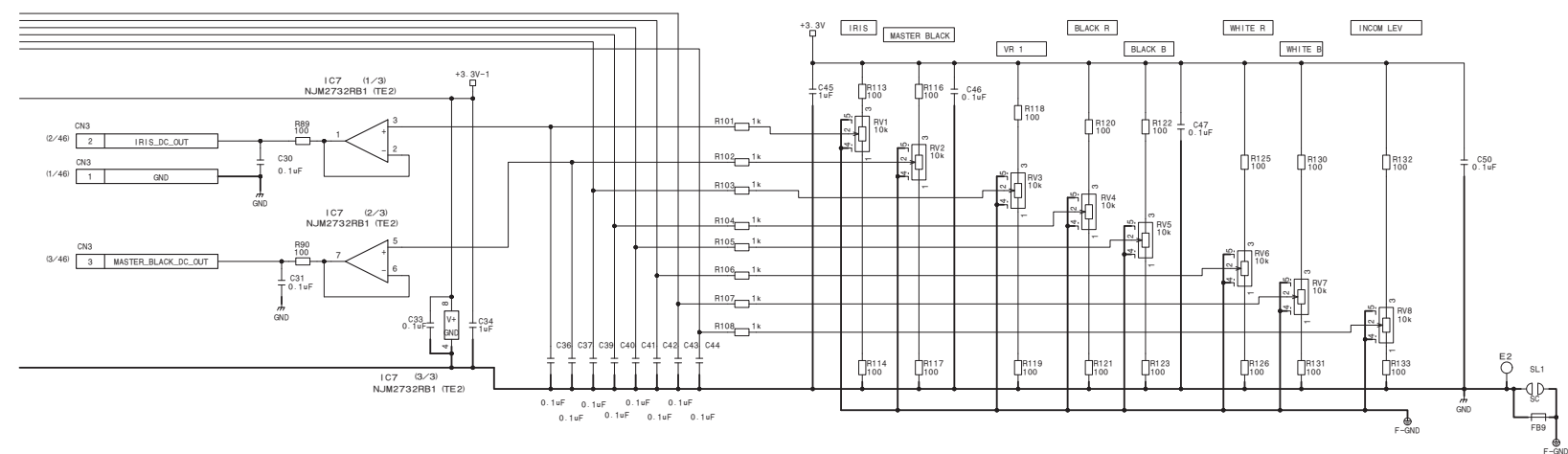
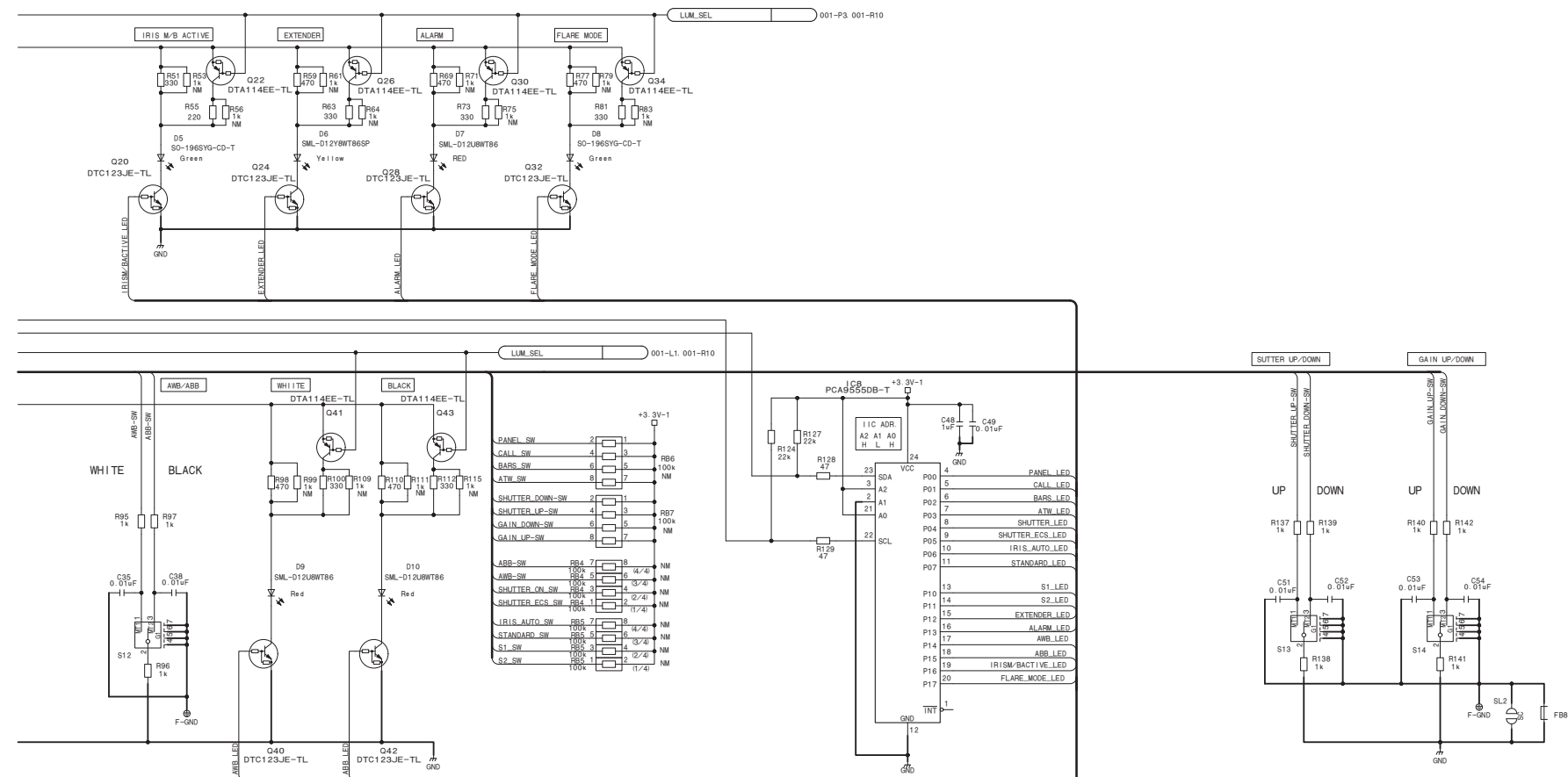
PS-862 (2/2)

BOARD NO. 1-887-833-11
PS-862_2

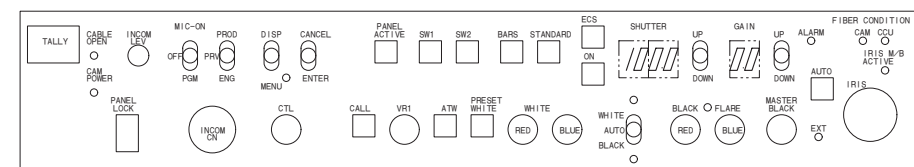
SW-1572
SW-1572 (1/2)_L



SW-1572 (1/2)_R

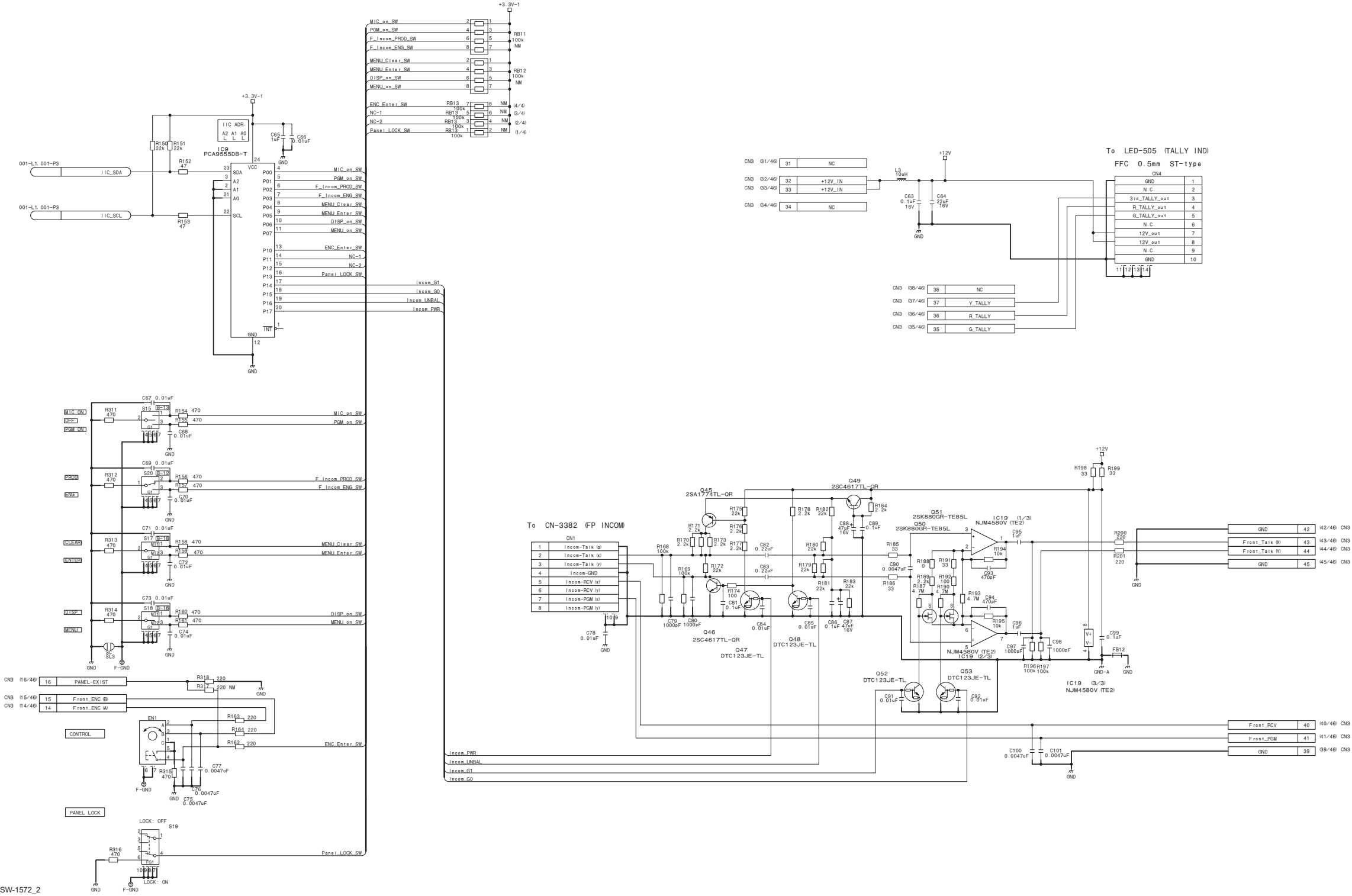


Front Panel



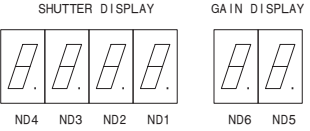
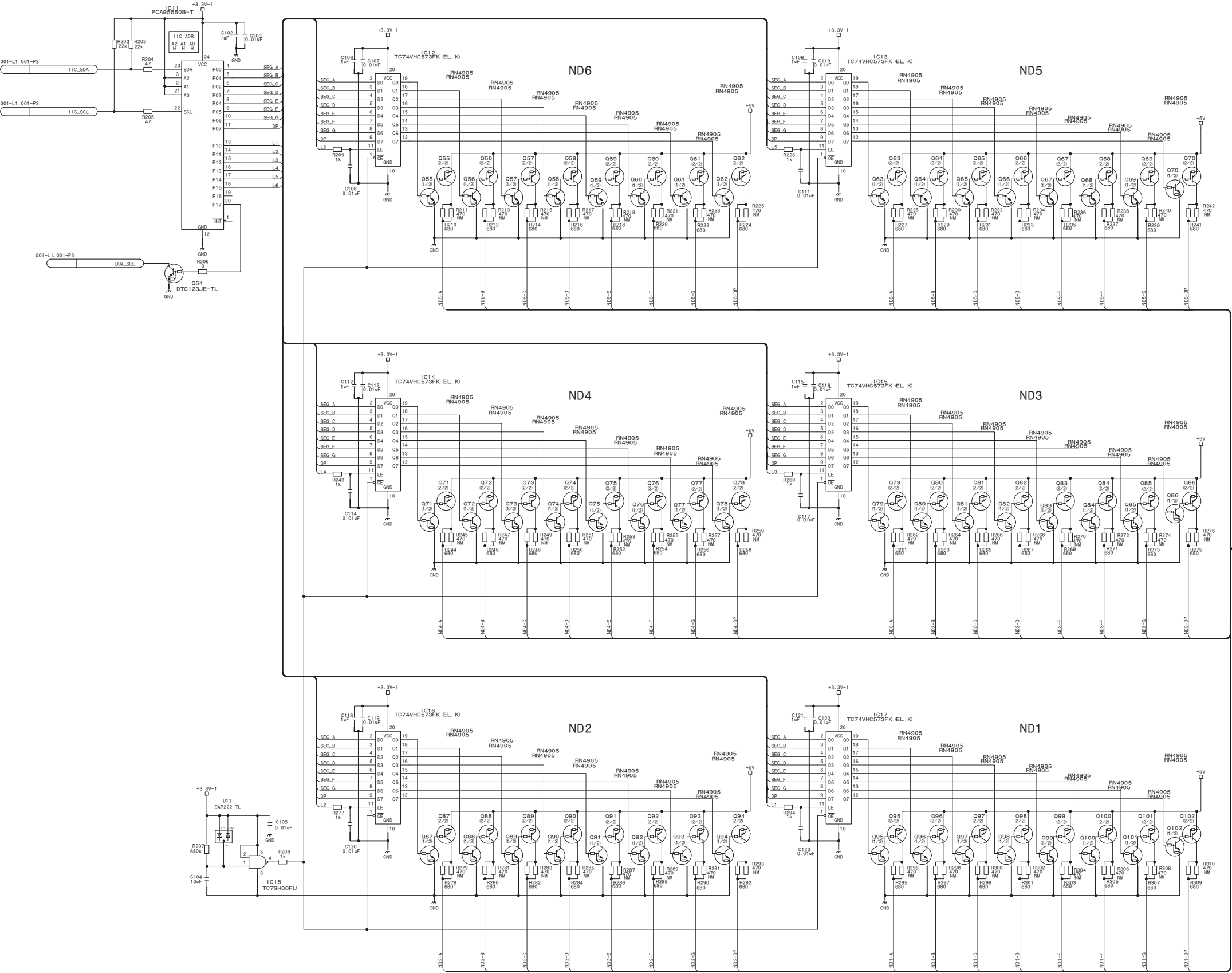
SW-1572 (1/2)
BOARD NO. 1-887-831-11
SW-1572_1

SW-1572 (2/2)_L



SW-1572_2

SW-1572 (2/2)_R



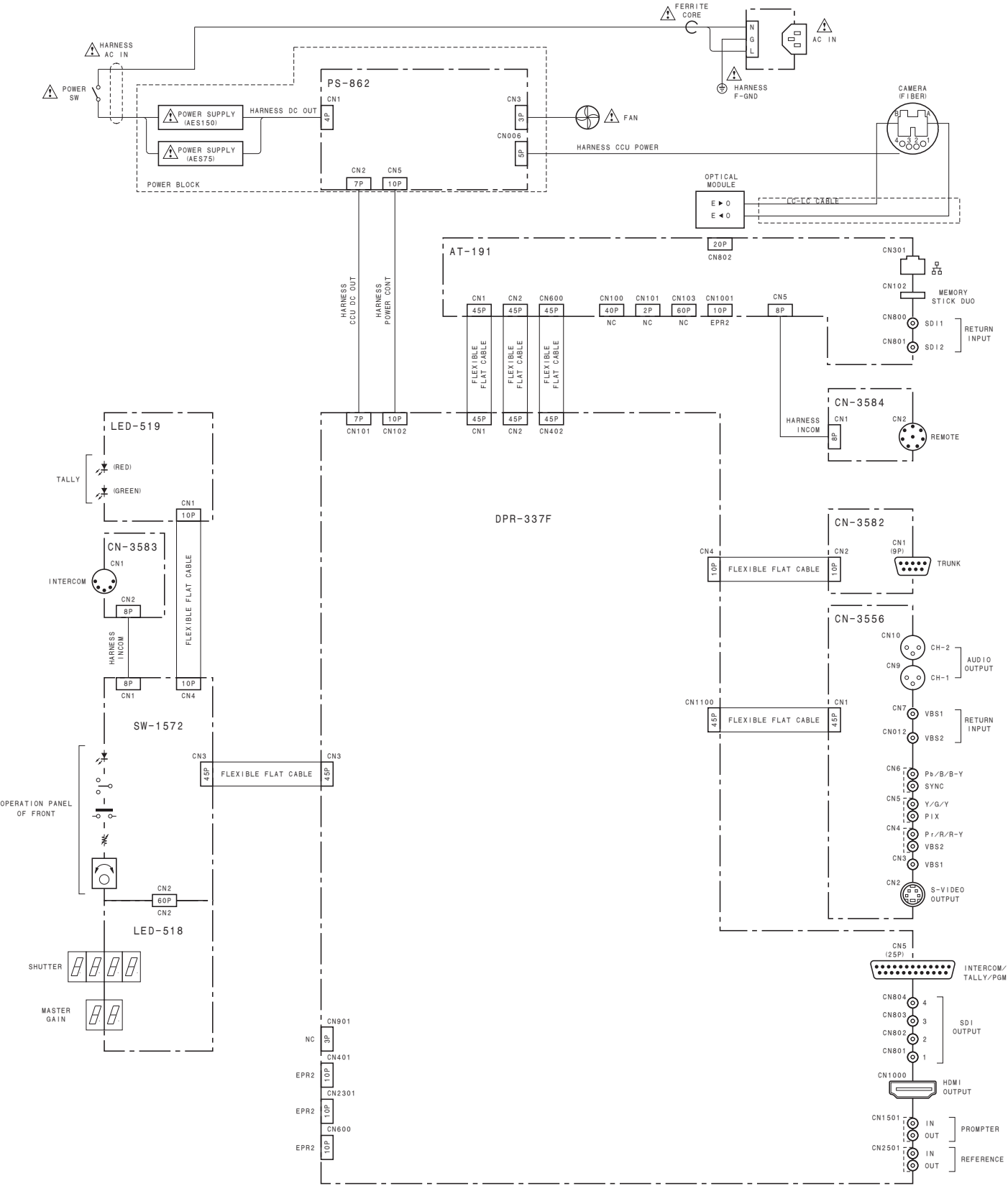
To LED-504
CN-2 (B to B connector)

Q/61) CN2	ND1-A	60	59	ND2-A	ND2-A	CN2	Q/61) CN2
Q/61) CN2	ND1-B	58	57	ND2-B	ND2-B	CN2	Q/61) CN2
Q/61) CN2	ND1-C	56	55	ND2-C	ND2-C	CN2	Q/61) CN2
Q/61) CN2	ND1-D	54	53	ND2-D	ND2-D	CN2	Q/61) CN2
Q/61) CN2	ND1-E	52	51	ND2-E	ND2-E	CN2	Q/61) CN2
Q/61) CN2	ND1-F	50	49	ND2-F	ND2-F	CN2	Q/61) CN2
Q/61) CN2	ND1-G	48	47	ND2-G	ND2-G	CN2	Q/61) CN2
Q/61) CN2	ND1-OP	46	45	ND2-OP	ND2-OP	CN2	Q/61) CN2
Q/61) CN2	ND6-A	44	43	ND3-A	ND3-A	CN2	Q/61) CN2
Q/61) CN2	ND6-B	42	41	ND3-B	ND3-B	CN2	Q/61) CN2
Q/61) CN2	ND6-C	40	39	ND3-C	ND3-C	CN2	Q/61) CN2
Q/61) CN2	ND6-D	38	37	ND3-D	ND3-D	CN2	Q/61) CN2
Q/61) CN2	ND6-E	36	35	ND3-E	ND3-E	CN2	Q/61) CN2
Q/61) CN2	ND6-F	34	33	ND3-F	ND3-F	CN2	Q/61) CN2
Q/61) CN2	ND6-G	32	31	ND3-G	ND3-G	CN2	Q/61) CN2
Q/61) CN2	ND6-OP	30	29	ND3-OP	ND3-OP	CN2	Q/61) CN2
Q/61) CN2	ND5-A	28	27	ND4-A	ND4-A	CN2	Q/61) CN2
Q/61) CN2	ND5-B	26	25	ND4-B	ND4-B	CN2	Q/61) CN2
Q/61) CN2	ND5-C	24	23	ND4-C	ND4-C	CN2	Q/61) CN2
Q/61) CN2	ND5-D	22	21	ND4-D	ND4-D	CN2	Q/61) CN2
Q/61) CN2	ND5-E	20	19	ND4-E	ND4-E	CN2	Q/61) CN2
Q/61) CN2	ND5-F	18	17	ND4-F	ND4-F	CN2	Q/61) CN2
Q/61) CN2	ND5-G	16	15	ND4-G	ND4-G	CN2	Q/61) CN2
Q/61) CN2	ND5-OP	14	13	ND4-OP	ND4-OP	CN2	Q/61) CN2
Q/61) CN2	GND	12	11	GND	GND	CN2	Q/61) CN2
Q/61) CN2	GND	10	9	GND	GND	CN2	Q/61) CN2
Q/61) CN2	GND	8	7	GND	GND	CN2	Q/61) CN2
Q/61) CN2	FG	6	5	FG	FG	CN2	Q/61) CN2
Q/61) CN2	FG	4	3	FG	FG	CN2	Q/61) CN2
Q/61) CN2	FG	1	2	FG	FG	CN2	Q/61) CN2

DY11-060FS-3
H=13mm

SW-1572 (2/2)
BOARD NO. 1-887-831-11
SW-1572_2

Frame Wiring

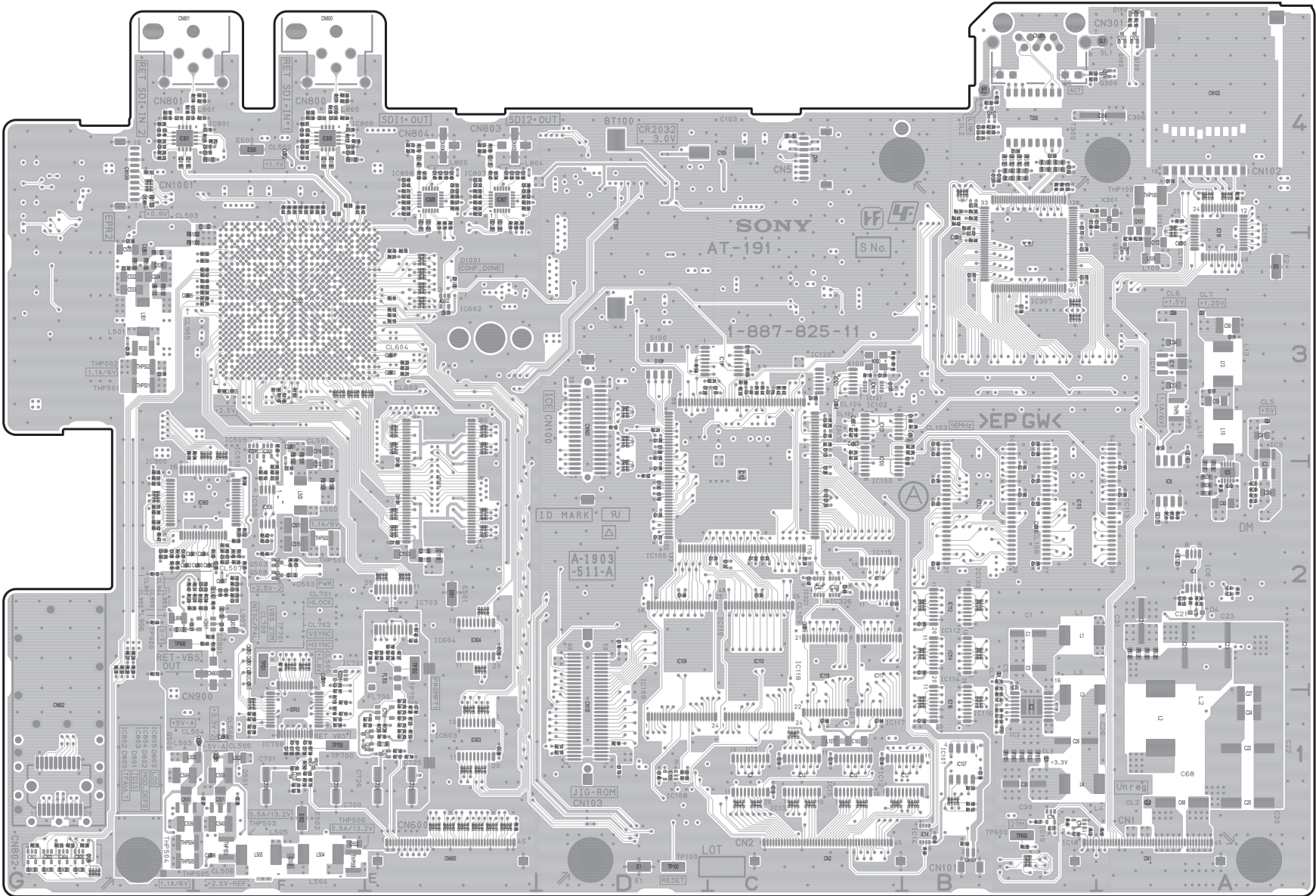


Frame Wiring

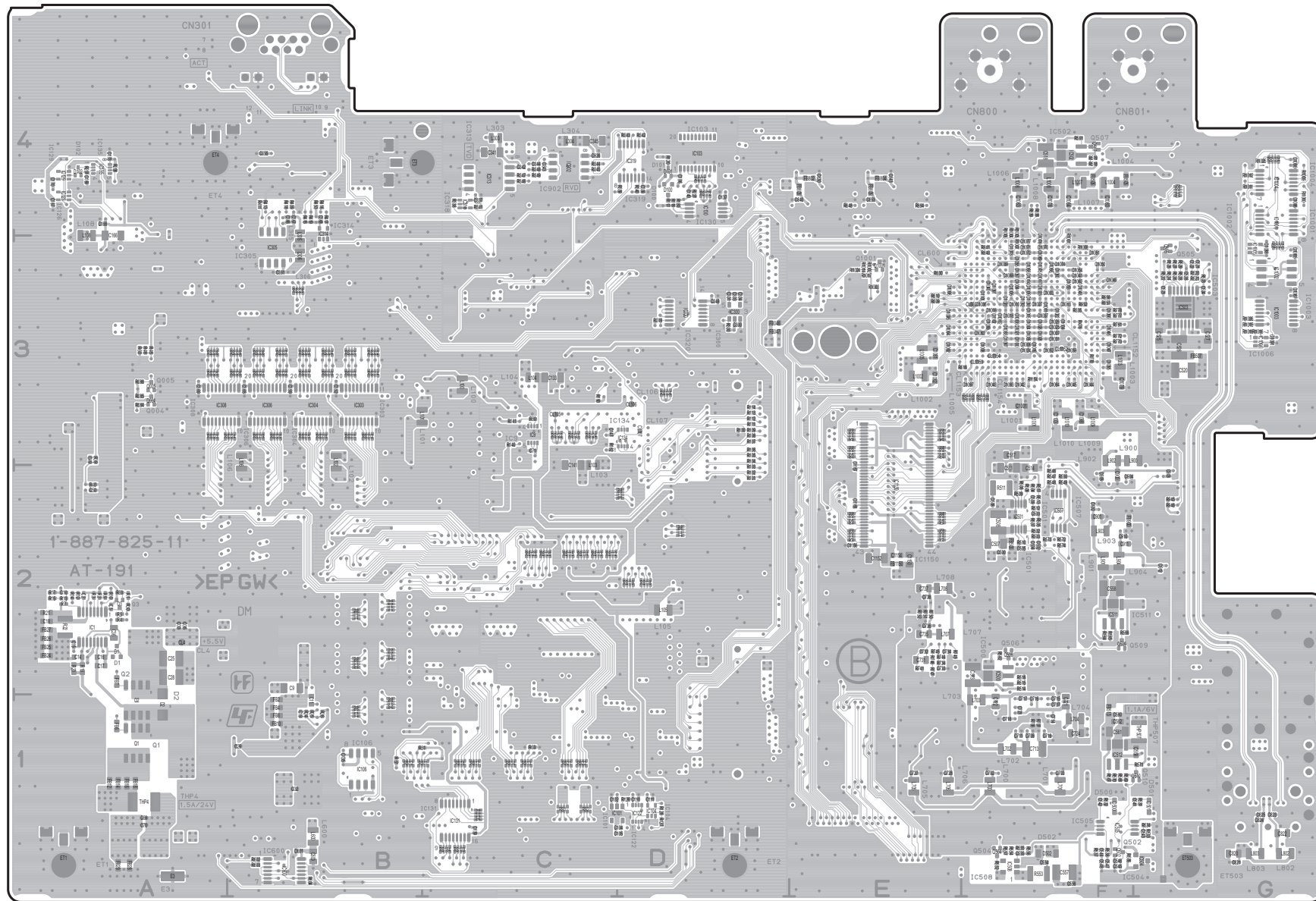
Section 10
Board Layouts

AT-191

The location is described at the end in this section.

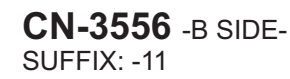
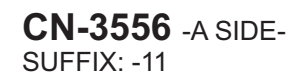


AT-191 -A SIDE-
SUFFIX: -11

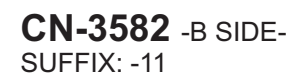
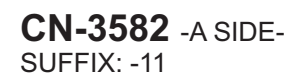


AT-191 -B SIDE-
SUFFIX: -11

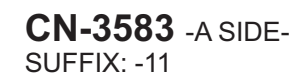
The location is described at the end in this section.



The location is described at the end in this section.

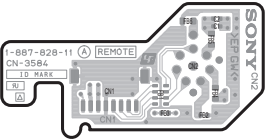


The location is described at the end in this section.

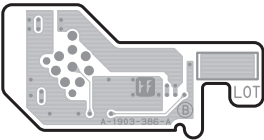


CN-3584

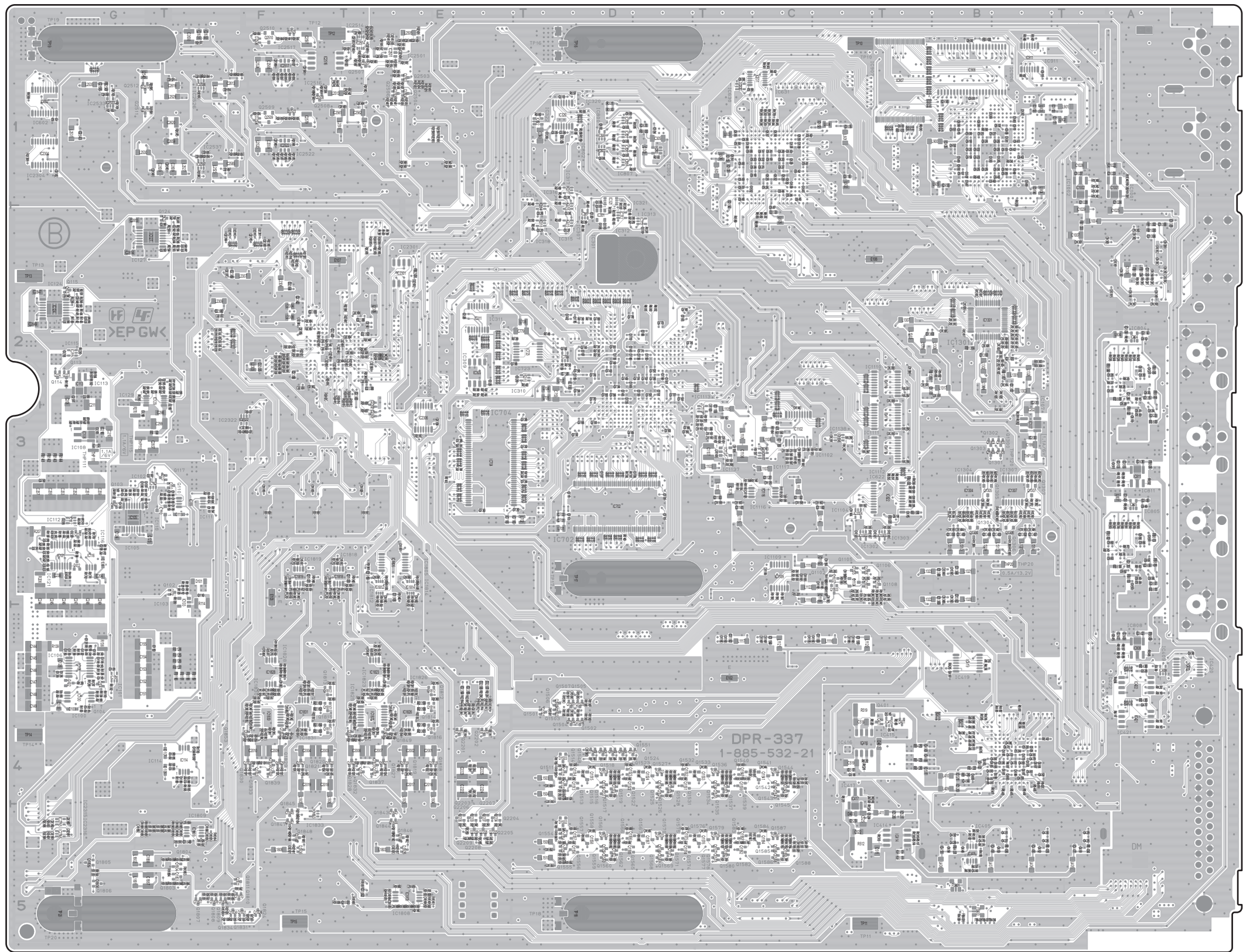
The location is described at the end in this section.



CN-3584 -A SIDE-
SUFFIX: -11



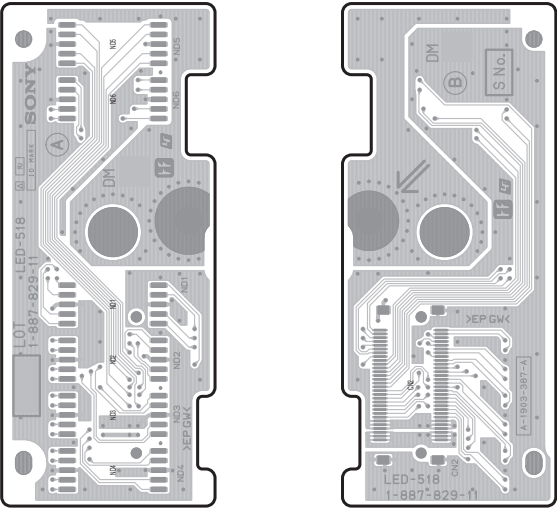
CN-3584 -B SIDE-
SUFFIX: -11



DPR-337 -B SIDE-
SUFFIX: -21

LED-518

The location is described at the end in this section.

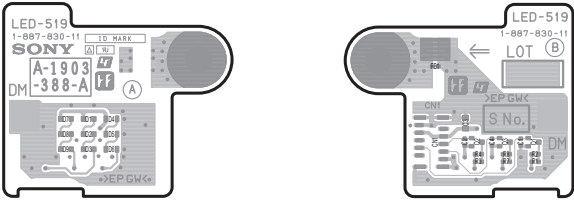


LED-518 -A SIDE-
SUFFIX: -11

LED-518 -B SIDE-
SUFFIX: -11

LED-519

The location is described at the end in this section.

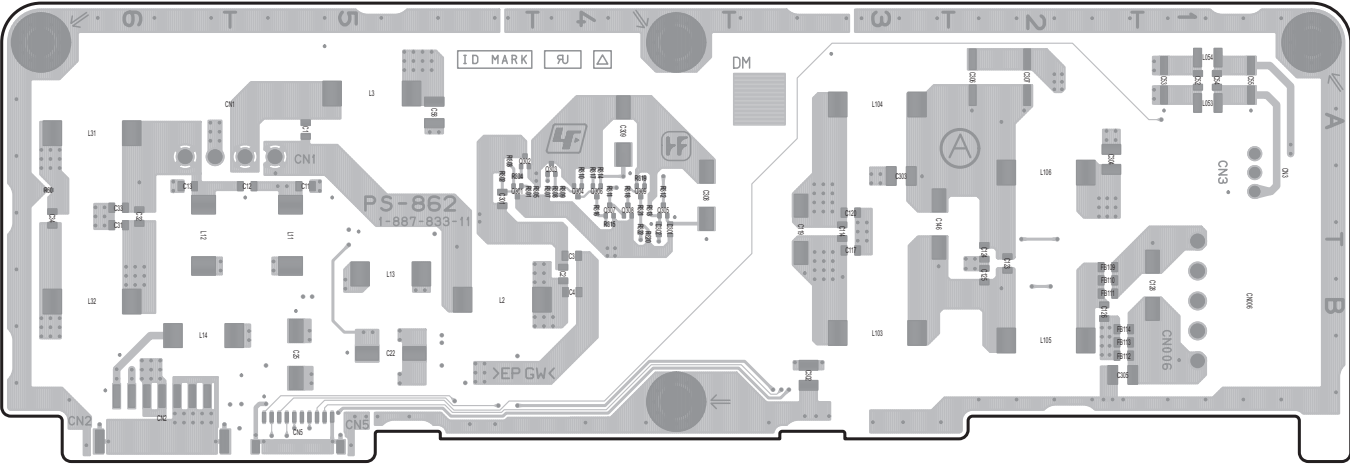


LED-519 -A SIDE-
SUFFIX: -11

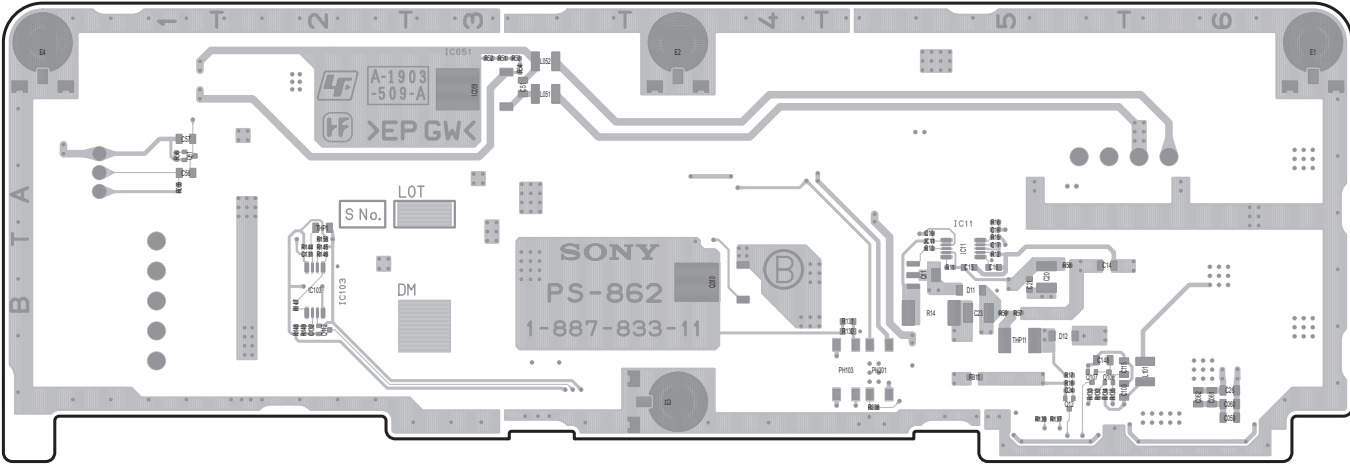
LED-519 -B SIDE-
SUFFIX: -11

PS-862

The location is described at the end in this section.

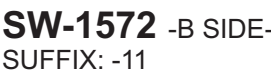
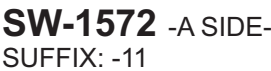


PS-862 -A SIDE-
SUFFIX: -11



PS-862 -B SIDE-
SUFFIX: -11

The location is described at the end in this section.



AT-191

1-887-825-11

*: B SIDE

BT100

D4

C1	B2	C119	D2	C357	B4	C560	*F1	C834	E4	C1036	*F3	C1161	E2		E1	D1	IC7	C1	IC805	G1	Q100	A4	R81	*B1	R344	*C4	R538	F2	R730	E1	R843	F4	R936	F2
C2	*A2	C120	D2	C358	B4	C561	*F1	C835	E4	C1037	*F3				E2	D1	IC6	A2	IC804	G1	Q3	*A2	R80	*C3	R343	*D4	R537	*F1	R729	E1	R842	F4	R935	F2
C3	*A2	C121	D2	C359	*B3	C562	*F1	C836	E4	C1038	*F3	CL1	B2	E2	A3		IC8	A2	IC807	E4	Q101	A4	R82	*B1	R345	*C4	R539	F2	R731	E1	R844	F4	R937	G2
C4	A2	C122	C2	C361	*B3	C600	*B1	C837	E4	C1039	*F3	CL2	A1	E3	*A1		IC9	*C3	IC808	E4	Q103	A4	R83	*A2	R346	*C4	R540	F2	R732	E1	R845	F4	R938	G2
C5	B2	C123	C2	C362	B4	C601	*B1	C838	E4	C1040	*F3	CL3	B1	E500	F4		IC11	A3	IC900	F2	Q104	A3	R100	*D3	R347	*C4	R541	F2	R733	E1	R846	E4	R939	G2
C6	A2	C124	C2	C363	A4	C603	E3	C839	E4	C1041	*F3	CL4	*A2	E501	E2		IC12	B1	IC901	F2	Q300	A4	R101	*D2	R348	*C4	R542	F2	R734	*E2	R847	E4	R940	G2
C7	B2	C125	C2	C364	B4	C604	E1	C840	*E4	C1042	*F3	CL5	A3	E502	F1		IC13	C1	IC902	*C4	Q301	B4	R102	*D2	R349	*C4	R543	F2	R735	E2	R848	*E4	R941	F2
C8	B1	C126	C2	C365	*B3	C605	E2	C841	E4	C1043	*F3	CL6	A3				IC14	B1	IC1000	F3	Q500	G1	R103	*D2	R350	B4	R544	F2	R736	E2	R849	E4	R942	G2
C9	*B2	C127	C3	C366	*B4	C700	F1	C842	E4	C1044	*F3	CL7	A3	ET1	*A1		IC15	C1	IC1001	*G4	Q501	F1	R104	*D3	R351	B4	R545	F2	R737	E2	R850	E4	R943	G2
C10	*A2	C128	D3	C367	*B4	C701	F1	C843	*E4	C1045	*F3	CL101	C3	ET2	*D1		IC18	B1	IC1002	*G3	Q502	*F1	R105	*D3	R352	B4	R546	*F2	R738	E2	R851	E4	R944	G2
C11	*B1	C129	D3	C368	*B4	C702	*F1	C844	E4	C1046	*F3	CL102	C3	ET3	*B4		IC19	B1	IC1003	*G3	Q503	F2	R106	*D3	R353	B4	R547	*F2	R739	E2	R852	E4	R945	*G2
C12	B1	C130	D2	C369	*A3	C703	*F1	C845	E4	C1047	*F3	CL103	B3	ET4	*A4		IC100	C3	IC1004	*G4	Q504	*F1	R107	*D3	R354	B4	R548	*F2	R740	E2	R853	E4	R946	*G2
C13	A3	C131	C2	C370	B4	C704	F1	C846	E4	C1048	*F3	CL104	C3	ET503	*G1		IC101	*C1	IC1005	*G3	Q505	*G3	R108	*D3	R355	B4	R549	*F2	R741	*E2	R854	E4	R947	F3
C14	*A2	C132	C2	C371	B4	C705	F1	C847	E4	C1049	*F3	CL105	*C3				IC102	C3	IC1006	*G3	Q506	*F2	R109	*D3	R372	B4	R550	*F2	R742	E2	R855	E4	R948	F3
C15	*A2	C133	*C3	C372	B3	C706	F1	C848	E4	C1050	*F3	CL106	*D3	FB1	B1		IC103	*D4	IC1150	*E2	Q507	*F4	R110	D3	R373	B4	R552	*F1	R743	E2	R856	E4	R949	F3
C16	*A2	C134	B1	C373	B3	C707	*F1	C849	E4	C1051	*F3	CL107	*D3	FB2	*B1		IC104	*D1	IC1151	E2	Q508	F2	R111	*D3	R374	B4	R553	*F1	R744	*E2	R857	E4	R950	F

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C1367	B2	C1554	D5	C1844	E3	C1927	F3	C2010	* F4	C2334	* E3	C2536	E1	C2633	F1	CL607	D1	D400	B4	FB142	* G3	FB818	A3	IC320	* D1	IC1132	C4	IC2507	E1	L802	A2	L2201	C5
C1372	B2	C1555	* D5	C1845	F5	C1928	* F3	C2011	F5	C2335	* F2	C2537	E1	C2634	G1	CL700	D2	D401	* B4	FB143	* G3	FB900	* B1	IC321	* D1	IC1133	C4	IC2508	E1	L803	A2	L2202	D4
C1373	B2	C1556	D5	C1846	* F5	C1929	F3	C2012	* E4	C2336	* E2	C2541	E1	C2635	F1	CL701	D3	D402	* C4	FB144	* G3	FB901	* B1	IC322	* D1	IC1134	C4	IC2509	E1	L804	* A2	L2301	F2
C1374	B2	C1557	D5	C1847	F5	C1930	* F3	C2013	* E4	C2337	* E2	C2542	E1	C2636	G1	CL705	D3	D403	* C5	FB145	G3	FB902	B1	IC400	B4	IC1137	* C3	IC2514	* E1	L805	A3	L2302	F2
C1375	B2	C1558	D5	C1848	F5	C1931	* F3	C2014	* F4	C2338	* E2	C2544	E1	C2637	G1	CL706	D3	D700	C2	FB146	G3	FB1000	* A2	IC401	B5	IC1138	* C3	IC2515	F1	L806	A3	L2303	* F2
C1376	* B2	C1559	D5	C1849	F5	C1932	F3	C2015	* F4	C2339	* F2	C2545	E1	C2638	G1	CL707	D2	D701	D2	FB147	G3	FB1001	* A2	IC402	A5	IC1300	B2	IC2516	* F1	L807	* A3	L2304	* F2
C1377	* B2	C1560	D5	C1850	F5	C1933	* F3	C2016	* E4	C2340	* F2	C2546	E1	C2639	* G1	CL708	D2	D900	A1	FB148	G3	FB1002	* A2	IC403	B5	IC1301	* B2	IC2517	* F1	L900	* B1	L2305	* E2
C1378	* B2	C1561	D5	C1851	* E5	C1934	F3	C2017	* E4	C2341	* F2	C2547	E1	C2640	* G1	CL709	D2	D901	A1	FB150	G2	FB1003	* A2	IC404	B5	IC1302	* C3	IC2518	F1	L901	* A1	L2306	* F2
C1379	B2	C1562	D5	C1852	* E5	C1935	F3	C2018	* F4	C2342	* F2	C2548	E1	C2641	G1	CL712	D2	D902	A1	FB152	* G3	FB1004	* A2	IC405	* B5	IC1303	* B3	IC2519	E1	L902	* A1	L2307	* F2
C1380	C3	C1563	D5	C1853	F5	C1936	F3	C2019	* F4	C2343	* E2	C2551	E1	C2642	G1	CL713	D2	D903	A1	FB153	F2	FB1100	C3	IC406	B5	IC1304	* B3	IC2520	E1	L903	* B1	L2308	* F2
C1381	B3	C1564	D5	C1854	F5	C1937	F3	C2020	* E5	C2344	* F2	C2553	E1	C2643	* G1	CL714	D2	D1502	* D5	FB154	F2	FB1101	C3	IC407	A4	IC1305	B3	IC2521	F1	L904	* B1	L2309	* F2
C1382	C3	C1565	D5	C1855	* F5	C1938	F3	C2021	* F5	C2345	* F2	C2555	E1	C2644	G1	CL801	A3	D1503	* D4	FB155	F3	FB1103	C3	IC408	A4	IC1306	B3	IC2522	* F1	L905	* B1	L2501	A1
C1383	C3	C1566	D5	C1856	* F5	C1939	F3	C2022	F5	C2346	* F2	C2556	E1	C2646	G1	CL802	A2	D1803	F3	FB156	F3	FB1104	C3	IC409	* A4	IC1307	* B3	IC2523	F1	L1000	A2	L2502	A1
C1384	B3	C1567	* D5	C1857	E3	C1940	F3	C2023	F5	C2347	* F2	C2557	E1	C2655	* G1	CL803	A2	D1804	F3	FB161	F2	FB1314	* B2	IC410	A4	IC1309	B2	IC2524	F1	L1001	A2	L2503	E1
C1385	B3	C1568	D5	C1858	E3	C1941	F3	C2024	F4	C2348	* F2	C2558	E1	C2658	* G1	CL804	A4	D1805	* E5	FB162	F2	FB1316	* B2	IC411	A4	IC1310	B3	IC2525	F1	L1002	A2	L2504	E1
C1386	C3	C1569	D5	C1859	* F5	C1942	F3	C2025	* E4	C2349	* F2	C2559	* F1	C2659	* F1	CL805	A3	D1806	* F5	FB163	F2	FB1317	* B2	IC412	A4	IC1311	B3	IC2526	* F1	L1003	A2	L2505	* E1
C1387	B3	C1570	D5	C1860	E3	C1943	F3	C2026	* E4	C2350	* E2	C2560	* F1	C2613	* G2	CL806	A3	D1807	F5	FB164	F2	FB1501	A1	IC413	A4	IC1315	B3	IC2527	F1	L1004	* A2	L2506	E1
C1388	* B3	C1571	D5	C1861	E3	C1944	F3	C2027	* F4	C2351	* F2	C2561	* F1	C2814	* G2	CL1000	A2	D1808	E4	FB169	G2	FB1502	A1	IC414	* B5	IC1801	F3	IC2528	F1	L1101	* C3	L2507	E1
C1389	* B3	C1572	D5	C1862	* F5	C1945	F3	C2028	* F4	C2352	* E2	C2562	* E1	C2815	G2	CL1001	A2	D1809	E4	FB170	G2	FB2301	* E2	IC415	* B4	IC1802	F3	IC2529	F1	L1102	C3	L2508	E1
C1390	* B3	C1573	D5	C1863	F5	C1946	E3	C2201	E4	C2353	* E2	C2563	* F1	C2816	G2	CL1103	C4	D1810	F4	FB171	G2	FB2501	* G1	IC416	* C4	IC1803	F3	IC2530	F1	L1103	* C3	L2509	E1
C1391	* B3	C1574	D5	C1864	* F5	C1947	F3	C2202	E4	C2354	* E2	C2564	* E1	C2817	F2	CL1300	B3	D1811	F4	FB172	G2	FB2502	G1	IC417	* C4	IC1804	F3	IC2531	G1	L1104	* C3	L2513	* F1
C1392	* B3	C1575	D5	C1865	* F5	C1948	F3	C2203	E4	C2355	* F2	C2565	* E1	C2818	F2	CL1307	B3	D2201	C5	FB173	G2	FB2503	A1	IC418	B5	IC1805	* E3	IC2533	* G1	L1105	* C3	L2514	E1
C1393	* B3	C1576	D5	C1866	* F5	C1949	E3	C2204	* E4	C2356	* E2	C2566	* E1	C2819	F2	CL1308	B3	D2202	C5	FB300	D1			IC419	* B4	IC1806	F5	IC2537	* F1	L1107	* C3	L2515	E1
C1394	* B3	C1577	C5	C1867	* F5	C1950	F3	C2205	* E4	C2357	* F2	C2567	F1	C2820	F2	CL1309	B3	D2203	C5	FB302	D1	FL400	* B5	IC420	* A4	IC1807	E5	IC2538	F1	L1108	* C3	L2516	E1
C1395	* B3	C1578	C5	C1868	* F5	C1951	* F4	C2206	* E4	C2358	* F2	C2568	F1	C2821	F2	CL1801	F5	D2302	* E3	FB304	E2	FL401	* B5	IC421	* A4	IC1808	* E5	IC2539	F1	L1109	* C3	L2517	E1
C1396	B3	C1579	* C5	C1869	E3	C1952	* E4	C2207	* E4	C2359	* F2	C2569	F1	C2822	G2	CL1802	E3	D2303	* E3	FB305	* D1	FL1100	C3	IC422	* A4	IC1809	* F5	IC2540	F1	L1112	* C3	L2518	* F1
C1397	B3	C1580	C5	C1870	E5	C1953	* F3	C2208	E4	C2360	* F2	C2570	* E1	C2823	G2	CL1803	E3	D2503	* F1	FB400	B5	FL1101	C3	IC423	A4	IC1810	E3	IC2541	G1	L1113	* C3	L2519	* E1
C1398	B3	C1581	C5	C1871	E3	C1954	* F3	C2209	E4	C2361	* E2	C2571	F1	C2824	F2	CL1804	G5	D2504	* F1	FB401	B5	FL1102	C3	IC600	C1	IC1811	E4	IC2542	F1	L1114	* C3	L2520	* F1
C1399	B3	C1582	C5	C1872	E3	C1955	F3	C2210	* E4	C2362	* F2	C2572	F1	C2837	* G3	CL1805	G5	D2505	* F1	FB402	B5	FL1103	C3	IC601	D2	IC1812	* E3	IC2543	G1	L1115	* C3	L2521	F1
C1400	B3	C1583	C5	C1873	E5	C1956	F4	C2211	* E4	C2363	* E2	C2573	E1	C2838	G3	CL1806	E5	D2506	* F1	FB403	B5	FL1104	C4	IC602	* G1	IC1813	E4	IC2544	G1	L1116	* C4	L2522	F1
C1501	D4	C1584	C5	C1874	E5	C1957	* F3	C2212	* E4	C2364	* F2	C2574	F1	C2839	G3	CL1807	E4	D2507	F1	FB404	* A5	FL1105	C3	IC611	C1	IC1814	* E3			L1117	* C4	L2523	* F1
C1502	D4	C1585	C5	C1875	E3	C1958	* F3	C2213	* E4	C2365	F2	C2575	F1	C2840	F3	CL1808	F5	D2508	F1	FB405	* B5	FL1106	C3	IC613	B1	IC1815	E3	L1	C5	L1118	* C3	L2524	* F1
C1503	D4	C1586	C5	C1876	E3	C1959	E4	C2214	E4	C2366	F2	C2576	E1	C2841	F2	CL1809	F4			FB406	* B5	FL1107	C4	IC614	B1	IC1816	F5	L2	C5	L1119	* C3	L2525	F1
C1504	D4	C1587	C5	C1877	F5	C1960	* E4	C2215	E4	C2367	F2	C2577	F1	C2844	G3	CL2201	E5	E100	C5	FB407	* B5	FL1300	B3	IC622	* B3	IC1817	G5	L3	C5	L1120	* C4	L2526	F1
C1505	* D4	C1588	C5	C1878	* E5	C1961	* E4	C2216	E4	C2368	F2	C2578	F1	C2845	* G2	CL2202	E5	E101	F4	FB408	B5	FL1301	B3	IC628	B1	IC1818	* F3	L4	B4	L1121	* C4	L2527	* F1
C1506	* D4	C1589	* C5	C1879	* E5	C1962	F4	C2217	E4	C2369	* F2	C2579	* F1	C2846	* G2	CL2203	E5	E102	* C4	FB409	B5	FL1302	B3	IC629	E2	IC1819	* F3	L5	C4	L1122	* C3	L2528	* F1
C1507	D4	C1590	* C5	C1880	* G5	C1963	* F4	C2218	E4	C2370	* F2	C2580	E1	C2847	* G2	CL2204	E5	E103	* F3	FB410	B5	FL1303	B3	IC630	* C1	IC1820	F3	L6	C5	L1300	B2	L2529	* F1
C1508	D5	C1591	C4	C1881	* G5	C1964	* F4	C2219	E4	C2371	F2	C2581	F1	C2848	G2	CL2301	E2	E104	B3	FB411	B5	FL1304	B3	IC631	* C1	IC1821	E3	L7	A5	L1301	* B2	L2530	* G1
C1509	* D4	C1592	C5	C1882	* G5	C1965	* F3	C2220	E4	C2372	* F2	C2582	F1	C2849	* G2	CL2302	E2	E105	F2	FB412	B5			IC701	D3	IC1822	F4	L8	A5	L1302	* B2	L2531	* G1
C1510	* D4	C1593	* D4	C1883	G5	C1966	* F3	C2221	E4	C2373	* F2	C2583	F1			CL2303	F2	E106	* C2	FB413	B5	IC1	B5	IC702	* D3	IC1823	* E4	L9	A5	L1303	* B2	L2535	* G1
C1511	D4	C1801	F3	C1884	* E5	C1967	* F3	C2222	* E4	C2374	* F2	C2584	F1	CL1	A1	CL2304	E2	E107	* F2	FB414	B5	IC2	C5	IC703	* D2	IC1824	E4	L10	A4	L1304	B3	L2540	* G1
C1512	* D4	C1802	F3	C1885	G5	C1968	* F3	C2223	* E4	C2375	* F2	C2585	* F1	CL2	A1	CL2305	E2			FB415	B5	IC3	E2	IC704	* E3	IC1825	* E4	L100	F4	L1305	B3		
C1513	D4	C1803	F3	C1886	E5	C1969	E4	C2224	* E4	C2376	* F2	C2586	F1	CL3	A1			FB1	A5	FB416	B5	IC100	* G4	IC705	E3	IC1826	* E4	L101	F3	L1306	B3	Q1	C5
C1514	D4	C1804	F3	C1887	* G5	C1970	F4	C2225	* E4	C2377	* F2	C2587	* F1	CL4	A1	CN1	E1	FB2	A5	FB417	* B4	IC101	* G4	IC723	* D2	IC1827	F3	L102	G3	L1307	* B2	Q2	C5
C1515	D4	C1805	F3	C1888	* G5	C1971	* F3	C2226	E4	C2378	* F2	C2588	* F1	CL10	C5	CN2	E2	FB3	A5	FB418	* B4	IC102	* G3	IC800	* D1	IC1828	* F4	L103	G4	L1308	* B2	Q3	C5
C1516	D4	C1806	F3	C1889	* E5	C1972	* F3	C2227	E4	C2379	F2	C2589	* F1	CL100	G4	CN3	G5	FB4	A5	FB419	* B4	IC103	* F3	IC801	* D1	IC1829	F4	L104	F4	L1309	* B3	Q4	C5
C1517	D4	C1807	F3	C1890	* E3	C1973	* E4	C2228	E5	C2380	* G5	C2590	* F1	CL1																			

Q400	C4	Q1566	*D5	Q2201	*E4	R108	*G4	R196	G2	R325	D1	R458	*B5	R541	B4	R716	D2	R858	*A4	R1002	A2	R1140	*C3	R1225	C4	R1313	*B2	R1396	*B3	R1479	B3	R1562	*D4
Q401	*C4	Q1567	*D5	Q2202	*E4	R109	*F3	R197	*G3	R326	D1	R459	B4	R542	B4	R717	D2	R859	*A4	R1003	A2	R1141	C3	R1226	C4	R1314	*B2	R1397	*B3	R1480	B3	R1563	*D4
Q700	D2	Q1568	*D5	Q2203	*E5	R110	*G4	R198	*G3	R329	*D2	R460	B4	R543	*B4	R719	C2	R860	*A4	R1004	A2	R1142	C3	R1227	C4	R1315	*B2	R1398	*B3	R1481	B4	R1564	*D4
Q1102	*C3	Q1569	*D5	Q2204	*E5	R111	*G3	R199	*G3	R330	*D2	R461	B4	R544	*B4	R720	C2	R861	A3	R1005	A2	R1143	*C3	R1228	C4	R1316	*B2	R1399	B3	R1482	B3	R1565	*D4
Q1103	*C3	Q1570	*D5	Q2205	*E5	R112	*G3	R200	*G3	R331	*D2	R462	B4	R545	*B4	R724	C2	R862	A3	R1006	A2	R1144	C3	R1229	*C3	R1317	*B2	R1400	B3	R1483	B3	R1566	*D4
Q1104	*C3	Q1571	*D5	Q2206	*E5	R113	*G3	R201	*G2	R332	E2	R463	B4	R546	*B4	R725	C2	R863	*A3	R1007	A2	R1145	C3	R1230	*C3	R1318	B2	R1401	B3	R1484	B3	R1567	*D4
Q1105	*C3	Q1572	D5	Q2207	*E5	R114	*F3	R202	*G2	R333	E2	R464	*A4	R547	*B4	R727	D2	R864	A3	R1008	A2	R1146	C3	R1231	C4	R1319	B2	R1402	B3	R1485	B3	R1568	D4
Q1106	*C3	Q1573	D5	Q2208	*E5	R115	*G3	R204	*G3	R334	E2	R465	A4	R548	*B4	R728	D2	R866	*A3	R1009	A2	R1147	C3	R1232	C4	R1320	*B2	R1403	B3	R1486	B4	R1569	*D4
Q1107	*C3	Q1574	*D5	Q2209	*E5	R116	*G3	R205	G2	R335	*D2	R466	A4	R549	B5	R729	*E2	R867	A3	R1010	A2	R1148	*C3	R1233	C4	R1321	B2	R1404	B3	R1487	B3	R1570	*D4
Q1108	*C3	Q1575	*D5	Q2210	C5	R117	*G3	R206	*G3	R336	*D2	R467	B4	R550	*B5	R730	*D2	R868	A3	R1011	A2	R1149	*C3	R1234	C4	R1322	B2	R1405	B3	R1488	*B3	R1571	D4
Q1300	*B3	Q1576	*C5	Q2211	C5	R118	*G3	R207	*G3	R337	*E2	R468	B4	R551	*B5	R731	*D2	R869	A3	R1012	A2	R1150	*C3	R1235	C4	R1323	B3	R1406	B3	R1489	*B3	R1572	D4
Q1301	*B3	Q1577	*C5	Q2212	C5	R119	*F3	R208	*G3	R338	*E2	R469	A4	R552	*B5	R732	*D2	R870	A3	R1013	A2	R1151	*C3	R1236	C4	R1324	B3	R1407	B3	R1490	*B3	R1573	D4
Q1302	*B3	Q1578	*C5	Q2213	*E4	R120	*F3	R209	G2	R339	*D2	R470	A4	R600	*D2	R733	*D2	R871	A3	R1014	A2	R1152	*C3	R1237	C4	R1325	B3	R1408	B3	R1491	*B3	R1574	D5
Q1303	*B3	Q1579	*C5	Q2214	*D4	R121	*F3	R210	G2	R340	*D1	R471	A4	R601	D2	R734	D3	R872	A3	R1015	A2	R1153	*C3	R1238	C4	R1326	B3	R1409	B3	R1492	*B2	R1575	D5
Q1304	*B3	Q1580	*C5	Q2215	*D4	R122	*G3	R211	G2	R341	*E2	R472	A4	R602	*D2	R735	D3	R873	*A3	R1016	A2	R1154	*C3	R1239	*C3	R1327	B2	R1410	B3	R1493	*B2	R1576	D5
Q1305	*B3	Q1581	C5	Q2301	F2	R123	*F3	R215	F2	R342	*E2	R473	*B4	R603	*D2	R736	D3	R874	*A3	R1017	A2	R1155	*C3	R1240	*C3	R1328	*B2	R1411	B3	R1494	B2	R1577	D5
Q1306	*B3	Q1582	*C5	Q2501	A1	R124	*G3	R216	F2	R343	*D2	R474	*B4	R611	C2	R737	*D3	R875	*A3	R1018	*A2	R1156	*C3	R1241	C4	R1329	*B2	R1412	B3	R1495	C3	R1578	D4
Q1307	*B3	Q1583	*C5	Q2502	A1	R125	*G4	R219	F2	R344	*D1	R475	*B4	R612	C1	R738	*D3	R876	*A3	R1019	*A2	R1157	C3	R1242	C4	R1330	*B3	R1413	B3	R1496	B3	R1579	D4
Q1501	*D4	Q1584	*C5	Q2503	*E1	R126	*G4	R220	*G2	R345	*D2	R476	*B4	R613	C1	R740	*D3	R877	A3	R1020	*A2	R1158	C3	R1243	*C3	R1331	B3	R1414	B3	R1497	B2	R1580	D4
Q1502	*D4	Q1585	*C5	Q2504	*E1	R127	*G4	R222	G2	R346	*D1	R477	*B4	R614	C1	R741	*D3	R878	A3	R1021	*A2	R1159	C3	R1244	*C3	R1332	B2	R1415	B3	R1498	B2	R1581	D4
Q1503	*D4	Q1586	*C5	Q2506	*E1	R128	*G4	R224	G2	R347	*D2	R478	*B4	R615	C1	R742	*D3	R879	*A3	R1022	A2	R1160	C3	R1245	*C3	R1333	B2	R1416	B3	R1499	B3	R1582	D4
Q1504	*D4	Q1587	*C5	Q2507	*E1	R129	*G4	R225	G2	R348	*D1	R479	B4	R620	*C1	R743	*E3	R880	*A3	R1023	A2	R1161	C3	R1246	*C3	R1334	B2	R1417	B2	R1500	*B2	R1583	D5
Q1505	*D4	Q1588	*C5	Q2508	*F1	R130	*G4	R228	*G2	R349	*D1	R480	*B4	R621	*C1	R744	*E3	R881	*A3	R1024	A2	R1162	C3	R1247	C4	R1335	*C3	R1418	B2	R1501	*D4	R1584	D5
Q1506	*D4	Q1589	D5	Q2509	*F1	R131	*G4	R233	*F2	R350	*D2	R481	*B4	R622	*C1	R745	D3	R882	A3	R1025	A2	R1163	C3	R1248	C4	R1336	*B3	R1419	B2	R1502	*D4	R1585	D5
Q1507	*D4	Q1590	D5	Q2510	*F1	R132	*G4	R234	*F2	R355	*D1	R482	*B4	R623	*C1	R746	D3	R883	*A3	R1026	A2	R1164	C3	R1249	*B3	R1337	*C3	R1420	B2	R1503	*D4	R1586	D4
Q1508	D4	Q1803	*F5	Q2511	*G1	R133	*G4	R238	*F2	R357	*D1	R483	B4	R624	C1	R748	E3	R884	A3	R1027	A2	R1165	C3	R1250	*B3	R1338	*B3	R1421	B2	R1504	*D4	R1587	D4
Q1509	D4	Q1804	*F5	Q2512	*G1	R134	*G3	R241	*F2	R358	*D1	R484	B4	R625	*C1	R749	*D2	R885	A3	R1028	A2	R1166	C3	R1251	C4	R1339	B3	R1422	B2	R1505	*D4	R1588	D5
Q1510	D4	Q1805	*G5			R135	*G4	R244	*F2	R359	*D1	R485	*B4	R626	*C1	R750	*D2	R886	A3	R1029	A2	R1167	C3	R1252	C4	R1340	B3	R1423	B2	R1506	*D4	R1589	D4
Q1511	*D4	Q1806	*G5	R1	A5	R136	*G4	R247	*F2	R360	*D1	R486	B4	R627	D1	R800	*D1	R887	A3	R1030	A2	R1168	C3	R1253	C4	R1341	B3	R1424	B2	R1507	*D4	R1590	C5
Q1512	*D4	Q1807	*F5	R2	C5	R137	G3	R250	*F2	R404	*B5	R487	*B4	R630	G1	R801	*D1	R888	*A3	R1031	A2	R1169	C3	R1254	C4	R1342	B3	R1425	B2	R1508	*D4	R1591	C5
Q1513	*D4	Q1808	*F5	R3	C5	R138	*G4	R252	*G2	R405	B5	R488	*B4	R641	*C1	R802	*A3	R889	A3	R1032	A2	R1170	C3	R1255	*C3	R1343	B3	R1426	B3	R1509	*D4	R1592	D4
Q1514	*D4	Q1809	*F5	R4	C5	R139	*G4	R253	*G2	R406	B5	R489	*B4	R642	*C1	R803	A3	R890	*D1	R1033	A2	R1171	C3	R1256	*C3	R1344	B3	R1427	B3	R1510	*D4	R1593	C4
Q1515	*D4	Q1810	*F5	R5	C5	R140	F2	R254	*F2	R407	B5	R490	*B4	R643	*C1	R804	*D1	R891	*D1	R1034	A2	R1172	C3	R1257	*B2	R1345	B2	R1428	B3	R1511	*D4	R1594	C4
Q1516	*D4	Q1811	*F5	R6	C5	R141	F2	R256	*G2	R408	B5	R491	C5	R644	*C1	R805	*D1	R892	*A3	R1035	A2	R1173	C3	R1258	*B3	R1346	B3	R1429	B3	R1512	D4	R1595	*D4
Q1517	*D4	Q1812	*E4	R7	C5	R142	*G2	R258	*F2	R409	*B5	R492	C5	R645	*C1	R806	*D1	R893	*A3	R1036	A2	R1174	C3	R1259	*B3	R1347	B3	R1430	B3	R1513	D4	R1596	*D4
Q1518	*D4	Q1813	*F4	R8	C5	R143	*G2	R259	*G2	R410	A4	R493	C5	R646	C1	R807	*D1	R894	A3	R1037	A2	R1175	C3	R1260	C4	R1348	B3	R1431	B2	R1514	D4	R1597	*D4
Q1519	*D4	Q1814	*E4	R9	C5	R144	*G2	R261	*F2	R411	B5	R494	B4	R647	C1	R808	A4	R895	A3	R1038	*A1	R1176	C3	R1261	C4	R1349	B3	R1432	B2	R1515	D4	R1598	*C4
Q1520	D4	Q1815	*F4	R10	C5	R145	*G2	R263	*F2	R412	A4	R495	B4	R648	*B3	R809	*A3	R896	A3	R1039	*A1	R1177	C4	R1262	C4	R1350	B3	R1433	B3	R1516	D5	R1599	*C4
Q1521	D4	Q1816	*E4	R11	C5	R146	F4	R264	*G2	R413	A4	R496	C5	R649	*B3	R810	*A3	R897	A4	R1040	*A1	R1178	C4	R1263	C4	R1351	B3	R1434	B2	R1517	D4	R1600	*C4
Q1522	*D4	Q1817	*F4	R12	C5	R147	F4	R265	*G2	R414	A4	R497	C5	R650	*B3	R811	*A3	R900	*B1	R1041	*A1	R1179	*C3	R1264	C4	R1352	B3	R1435	B3	R1518	D5	R1601	*C4
Q1523	*D4	Q1818	*E4	R13	C5	R148	F4	R266	*F2	R415	*A4	R498	C5	R651	*B3	R812	*A3	R901	E1	R1042	*A1	R1180	*C3	R1265	C4	R1353	*B2	R1436	B3	R1519	D4	R1602	*C4
Q1524	*D4	Q1819	*E4	R14	C5	R152	F4	R268	*F2	R416	*A4	R499	C5	R652	*B3	R813	A3	R902	D1	R1043	*A1	R1181	*C3	R1266	C4	R1354	*B2	R1437	B2	R1520	*D4	R1603	*C4
Q1525	*D4	Q1820	*F4	R15	C5	R153	*F3	R270	*G3	R417	*A4	R500	*B4	R653	*B3	R814	A3	R903	B2	R1044	*A1	R1182	*C3	R1267	*C3	R1355	*B2	R1438	B3	R1521	*D4	R1604	*C4
Q1526	*D4	Q1821	*F4	R16	C5	R154	*F3	R271	*F2	R418	A4	R501	B4	R654	*B3	R815	*A2	R904	B1	R1100	C3	R1183	*C3	R1268	C4	R1356	*B2	R1439	C3	R1522	*D4	R1605	C4
Q1527	*D4	Q1822	E4	R17	C5	R155	F4	R272	*F2	R419	*A4	R502	B4	R655	*B3	R816	A3	R911	B1	R1101	C3	R1184	*C3	R1269	C4	R1357	B2	R1440	B3	R1523	*D4	R1606	C4
Q1528	*D4	Q1823	F4	R18	C5	R158	*F3	R274	G2	R420	B5	R503	E3	R656	*B3	R819	A2	R912	B1	R1102	*C3	R1185	*C3	R1270	*C3	R1358	B2	R1441	C3	R1524	*D4	R1607	C5
Q1529	D4	Q1824	*F5	R19	C5	R159	*G3	R276	*G3	R421	B5	R504	E3	R657	G1	R820	A2	R913	B1	R1103	C3	R1186	*C3	R1271	*B2	R1359	*B3	R1442	B3	R1525	*D4	R1608	C5
Q1530	D4	Q1825	E4	R20																													

R1645	D5	R1728	* C5	R1840	E3	R1923	E4	R2006	* E3	R2089	F4	R2172	F4	R2304	F2	R2387	* F2	R2537	E1	R2635	F1	RB1	E2	RB707	* D3	RB934	* B1	RV1507	D5	X800 X801 X2301 X2501 X2502 X2503	A3 A3 F2 G1 G1 G1	LED-518 1-887-829-11 *: B SIDE CN2 * A1 ND1 A1 ND2 A1 ND3 A1 ND4 A1 ND5 A1 ND6 A1	
R1646	D5	R1729	* C5	R1841	E3	R1924	E4	R2007	* F3	R2090	E4	R2173	* E5	R2305	F2	R2388	* F2	R2538	* E1	R2636	F1	RB2	E2	RB708	* D3	RB1000	A2	RV1508	C5				
R1647	* D5	R1730	* C5	R1842	E5	R1925	* F5	R2008	* E3	R2091	E4	R2174	E3	R2306	* F2	R2389	* F2	R2539	* E1	R2637	* F1	RB3	D2	RB710	D3	RB1001	A2	RV1801	E4				
R1648	* D5	R1731	* C5	R1843	* F5	R1926	E4	R2009	* F3	R2092	F4	R2201	E4	R2307	F2	R2390	* F2	R2540	* F1	R2638	F1	RB100	F5	RB711	D3	RB1002	A2	RV1802	F4				
R1649	* D5	R1732	C5	R1844	F5	R1927	E4	R2010	E4	R2093	F4	R2202	E4	R2308	* G1	R2391	* F2	R2541	* E1	R2639	F1	RB101	F5	RB712	D3	RB1003	A2	RV2501	F1				
R1650	* D5	R1733	C5	R1845	E5	R1928	E4	R2011	F4	R2094	E4	R2203	E4	R2309	E2	R2392	* F2	R2542	* E1	R2640	* F1	RB300	* E2	RB713	D3	RB1004	A2						
R1651	* D5	R1734	C5	R1846	E3	R1929	E4	R2012	F4	R2095	E4	R2204	* E4	R2310	E2	R2393	* F2	R2543	* E1	R2641	* F1	RB301	E2	RB714	D3	RB1005	A2	RY1801	E5				
R1652	* D5	R1735	C5	R1847	E3	R1930	* F5	R2013	F4	R2096	F4	R2205	* E4	R2311	* F2	R2395	* F2	R2544	* E1	R2642	F1	RB302	E2	RB715	D3	RB1006	A2	RY1802	F5				
R1653	* D5	R1736	C5	R1848	* F5	R1931	* F5	R2014	* E4	R2097	F4	R2206	* E4	R2312	* F2	R2396	* F2	R2549	* F1	R2643	F1	RB303	* D1	RB716	D3	RB1007	A2						
R1654	* D5	R1737	C5	R1849	E3	R1932	E4	R2015	* F4	R2098	E4	R2207	* E4	R2313	* F2	R2397	F2	R2550	* E1	R2644	* F1	RB304	* E2	RB717	D3	RB1008	A2	S2302	G1				
R1655	* D5	R1738	C5	R1850	E3	R1933	E4	R2016	* E4	R2099	F4	R2208	* E4	R2314	* F2	R2398	* G5	R2551	F1	R2645	F1	RB305	* E2	RB718	* D3	RB1009	A2						
R1656	* D5	R1739	C5	R1851	E5	R1934	E4	R2017	* F4	R2100	E4	R2209	* E4	R2315	G1	R2399	* G5	R2556	* E1	R2646	F1	RB306	* E2	RB719	* D3	RB1010	A2	T1801	E5				
R1657	* D5	R1740	C5	R1852	* F5	R1935	E4	R2018	E4	R2101	F4	R2210	* E4	R2316	G1	R2400	* G5	R2557	* E1	R2647	F1	RB307	* E2	RB720	* D3	RB1100	C3						
R1658	* D5	R1741	C5	R1853	* F5	R1936	* F5	R2019	* E4	R2102	* E4	R2211	* E4	R2317	G1	R2401	* G5	R2558	* E1	R2648	F1	RB308	E2	RB721	* D3	RB1101	C3	THP1	G5				
R1659	* D5	R1742	C5	R1854	E5	R1937	E5	R2020	F4	R2103	* E4	R2212	* E4	R2318	F2	R2406	* E2	R2559	* E1	R2649	F1	RB309	* E2	RB722	* D3	RB1103	C2	THP100	G4				
R1660	* D5	R1743	* C5	R1855	* G5	R1938	E5	R2021	* E4	R2104	* F4	R2213	* E4	R2319	E2	R2407	* E3	R2560	E2	R2650	* F1	RB310	* E2	RB723	* D3	RB1104	C2	THP101	E1				
R1661	* D5	R1744	* C5	R1856	* G5	R1939	* F5	R2022	* F4	R2105	* F4	R2214	* E4	R2320	* F2	R2409	F2	R2562	* E1	R2651	* F1	RB311	E2	RB724	* D3	RB1105	C2	THP102	G4				
R1662	* D5	R1745	* C5	R1857	* F5	R1940	* E3	R2023	* F4	R2106	E5	R2215	* E4	R2321	E2	R2410	F2	R2563	E2	R2652	F1	RB312	E2	RB725	* D3	RB1106	* C2	THP103	G3				
R1663	D5	R1746	* C5	R1858	* F5	R1941	* E3	R2024	* F4	R2107	F5	R2216	* E4	R2322	* F2	R2411	F2	R2564	* E1	R2653	* F1	RB313	* E2	RB726	* E3	RB1107	C3	THP105	F4				
R1664	D5	R1747	* C5	R1859	* G5	R1942	* F5	R2025	* E4	R2108	* E4	R2217	* E4	R2323	* F2	R2412	* E2	R2565	E1	R2654	* F1	RB314	E2	RB727	* E3	RB1108	* C3	THP106	F3				
R1665	D5	R1748	* C5	R1860	* G5	R1943	* E3	R2026	* E4	R2109	* E4	R2218	E4	R2324	F2	R2413	* E2	R2566	* E1	R2655	F1	RB315	E2	RB728	* D3	RB1109	C3	THP107	F3				
R1666	D5	R1749	* C5	R1861	E3	R1944	* F3	R2027	* F4	R2110	* F4	R2219	E4	R2325	F2	R2414	* F2	R2567	* E1	R2656	* F1	RB316	* E2	RB729	* D3	RB1110	C3	THP108	F3				
R1667	D5	R1750	* C5	R1862	E3	R1945	F3	R2028	* E4	R2111	* F4	R2220	E4	R2326	F2	R2415	* F2	R2568	E1	R2657	F1	RB317	E2	RB731	E3	RB1111	C3	THP109	G4				
R1668	D5	R1751	* C5	R1863	* F5	R1946	F3	R2029	* F4	R2112	* F5	R2221	E4	R2327	* F2	R2416	* F2	R2569	E1	R2658	F1	RB318	E2	RB732	E3	RB1112	* C3	THP110	G4				
R1669	D5	R1752	* C5	R1864	* F5	R1947	* F3	R2030	* E4	R2113	E4	R2222	E4	R2328	* E2	R2417	* E2	R2571	E1	R2659	F1	RB319	E2	RB733	D3	RB1113	* C3	THP111	* G3				
R1670	D5	R1753	* C5	R1865	* G5	R1948	* F3	R2031	* F4	R2114	E4	R2223	E4	R2329	* F2	R2418	* E2	R2572	E1	R2660	F1	RB320	E2	RB734	D3	RB1114	C3	THP114	G3				
R1671	D5	R1754	* C5	R1866	* G5	R1949	F3	R2032	* E4	R2115	* F5	R2224	E4	R2330	* F2	R2419	* E2	R2574	E1	R2661	F1	RB321	E2	RB736	* E3	RB1115	C3	THP115	* G3				
R1672	D5	R1755	* C5	R1867	* F5	R1950	F3	R2033	* F4	R2116	F4	R2225	E4	R2331	F2	R2420	* F2	R2576	* F1	R2662	F1	RB322	E2	RB737	* E3	RB1116	C3	THP118	G2				
R1673	D5	R1756	* C5	R1868	* E5	R1951	* F3	R2034	* E4	R2117	F4	R2226	E4	R2332	* E3	R2421	F3	R2577	* F1	R2663	* F1	RB323	E2	RB738	* D3	RB1117	C3	THP120	* B3				
R1674	D5	R1757	* C5	R1869	E5	R1952	F3	R2035	* F4	R2118	* E4	R2227	E4	R2333	E2	R2422	F3	R2578	* F1	R2664	* F1	RB324	D1	RB739	* D3	RB1118	C3	THP121	G2				
R1675	D5	R1758	* C5	R1870	E3	R1953	F3	R2036	* E4	R2119	* E4	R2228	E4	R2334	E2	R2423	* F3	R2579	* F1	R2665	* F1	RB325	D1	RB740	* E3	RB1119	C3	THP122	G2				
R1676	D5	R1759	* D4	R1871	E3	R1954	F3	R2037	* F4	R2120	* F4	R2229	E4	R2335	E2	R2424	F3	R2580	E2	R2666	F1	RB402	* B4	RB741	* E3	RB1120	* C2	THP2	G5				
R1677	D5	R1760	* D4	R1872	F5	R1955	F3	R2038	* E4	R2121	* F4	R2230	* E4	R2336	E2	R2425	F3	R2581	E2	R2667	F1	RB403	B4	RB742	* D3	RB1121	* C2	THP20	* B3				
R1678	D5	R1761	* D5	R1873	* E3	R1956	F3	R2039	* F4	R2122	* F5	R2231	* E4	R2337	* E2	R2426	* F3	R2582	* F1	R2668	F1	RB404	B4	RB743	* D3	RB1122	* C3	THP200	A2				
R1679	D5	R1762	* D5	R1874	* E3	R1957	E3	R2040	* E4	R2123	* F4	R2232	* E4	R2338	* E2	R2427	* F3	R2583	* E1	R2669	F1	RB405	B4	RB744	E3	RB1123	* C3						
R1680	D5	R1763	* D4	R1875	* E3	R1958	F3	R2041	* E4	R2124	* E4	R2233	* E4	R2339	* E2	R2428	F3	R2584	* E1	R2670	F1	RB406	B4	RB7									

LED-519 1-887-830-11 *: B SIDE	PS-862 1-887-833-11 *: B SIDE		FB109 B2	R158 * A2	SW-1572 1-887-831-11 *: B SIDE	C89 * A2	IC8 * J1	Q69 * G2	R41 * F1	R124 * J1	R217 G2	R300 * G2
			FB110 B2	R301 A5		C90 * A2	IC9 B2	Q70 G2	R42 C2	R125 * F2	R218 * G2	R301 G2
			FB111 B2	R302 A5		C91 A1	IC11 H1	Q71 * G1	R43 C2	R126 * F2	R219 * G2	R302 G2
			FB112 B2	R303 A5		C92 A1	IC12 * H2	Q72 G1	R44 * E1	R127 * J1	R220 G2	R303 * G2
			FB113 B2	R304 A5		C93 * A2	IC13 * H2	Q73 * G1	R45 C2	R128 * J1	R221 G2	R304 * G2
			FB114 B2	R305 A4		C94 * A2	IC14 * H1	Q74 G1	R46 * E2	R129 * J1	R222 * G2	R305 G2
				R306 * B5		C95 * A2	IC15 * H1	Q75 * G1	R47 * E2	R130 * F2	R223 * G2	R306 G2
			IC11 * B5	R307 A4		C96 * A2	IC16 * H1	Q76 G1	R48 * E1	R131 * F2	R224 G2	R307 * G2
			IC051 * A3	R308 A4		C97 * A2	IC17 * H2	Q77 * G1	R49 * E1	R132 A2	R225 G2	R308 * G2
			IC103 * B2	R309 A4		C98 * A2	IC18 * H2	Q78 G1	R50 * E1	R133 A2	R226 * H2	R309 G2
CN1 * A1				R310 A4		C99 * A2	IC19 * A2	Q79 * G1	R51 * J1	R137 * H1	R227 * G2	R310 G2
D1 A1			C13 A6	R311 A4		C100 * D2		Q80 G1	R52 * E1	R138 * G1	R228 * G2	R311 B1
D2 A1			C14 * B5	R312 A4		C101 * D2	L1 D2	Q81 * G1	R53 * J1	R139 * H1	R229 G2	R312 B1
D3 A1			C15 * B5	R313 A4		C102 H1	L2 D2	Q82 G1	R54 * E1	R140 * H1	R230 G2	R313 B1
D4 A1			C16 * B5	R314 A4		C103 H1	L3 D2	Q83 * G1	R55 * J1	R141 * H1	R231 * G2	R314 B1
D5 A1			C17 * B5	R315 A4		C104 * H2		Q84 G1	R56 * J1	R142 * H1	R232 * G2	R315 B2
D6 A1			C18 * A5	R316 A4		C105 * H2	Q1 D2	Q85 * G1	R57 * E1	R143 * F2	R233 G2	R316 * A2
D7 A1			C19 * A5	R317 A4		C106 * H2	Q2 * D1	Q86 G1	R58 * E1	R144 * F2	R234 G2	R317 * D2
D8 A1			C20 * B5	R318 A4		C107 * H2	Q3 * A2	Q87 * H1	R59 * J2	R145 * F2	R235 * G2	R318 * D2
D9 A1			C21 * B5	R319 A4		C108 * H2	Q4 * D1	Q88 H1	R60 * G1	R150 * B2	R236 * G2	R400 * J1
			C22 B5	R320 A4		C109 * H2	Q5 * A2	Q89 * H1	R61 * J2	R151 * B2	R237 G2	R401 * J1
FB1 * A1			C23 * B5	R321 A4		C110 * H2	Q6 * D2	Q90 H1	R62 * G1	R152 B2	R238 G2	R402 * J1
			C24 * B5	R322 A4		C111 * H2	Q7 * A2	Q91 * H1	R63 * J2	R153 B2	R239 * G2	R403 * J1
Q1 * A1			C25 B5			C112 * H1	Q8 D2	Q92 H1	R64 * J2	R154 B1	R240 * G2	R404 * J1
Q2 * A1			C26 * B6			C113 * H1	Q9 * A2	Q93 * H1	R65 * G1	R155 B1	R241 G2	R405 * J1
Q3 * A1			C31 A6	R055 * A1		C114 * H1	Q10 * E1	Q94 H1	R66 * G1	R156 B1	R242 G2	R406 * J1
			C32 A6			C115 * H1	Q11 * B2	Q95 * G2	R67 * F2	R157 B1	R243 * H1	R407 * J1
R1 * A1			C33 A6	THP1 * A2		C116 * H1	Q12 * E1	Q96 G2	R68 * F2	R158 B1	R244 * G1	R408 * J1
R2 * A1			C34 A6	THP11 * B5		C117 * H1	Q13 * B2	Q97 * G2	R69 * H1	R159 B1	R245 * G1	R409 * J1
R3 * A1			C51 * A3			C118 * H1	Q14 * F1	Q98 G2	R70 * G1	R160 B1	R246 G1	R410 * J1
R4 * A1			C52 A1			C119 * H1	Q15 C2	Q99 * G2	R71 * H1	R161 B1	R247 G1	R411 * J1
R7 * A1			C53 A1			C120 * H1	Q16 * F1	Q100 G2	R72 * G1	R162 C2	R248 * G1	R412 * J1
R8 * A1			C54 A1			C121 * H2	Q17 C2	Q101 * G2	R73 * H1	R163 C2	R249 * G1	R413 * J1
			C55 A1			C122 * H2	Q18 * E1	Q102 G2	R74 * G1	R164 B2	R250 G1	R414 * J1
			C56 * A1			C123 * H2	Q19 * E1	Q400 J1	R75 * H1	R168 A2	R251 G1	R415 * J1
			C57 * A1				Q20 * J1	Q401 J1	R76 * G1	R169 A2	R252 * G1	
			C58 A5				Q21 * E1	Q402 * J1	R77 * H2	R170 A2	R253 * G1	RB1 * F2
			C103 * B6			CL1 D2	Q22 * J1	Q403 * J1	R78 * E2	R171 A2	R254 G1	RB2 F2
			C114 A3				Q23 * E1	Q404 J2	R79 * H2	R172 A2	R255 G1	RB3 F2
			C115 * B6			CN1 * A2	Q24 * J2	Q405 * J1	R80 * E2	R173 A2	R256 * G1	RB4 * F2
			C117 B3			CN2 G2	Q25 * F1	Q406 J1	R81 * H2	R174 A2	R257 * G1	RB5 * F2
			C119 A3			CN3 * D2	Q26 * J2	Q407 * J1	R82 * E2	R175 A2	R258 G1	RB6 * F2
			C120 A3			CN4 * A1	Q27 * G1		R83 * H2	R176 A2	R259 G1	RB7 * F2
			C123 B2				Q28 * H1	R1 * F2	R84 * E2	R177 A2	R260 * H1	RB8 * F2
			C124 B2			D1 A2	Q29 * F2	R2 F2	R85 * J1	R178 A2	R261 * G1	RB9 * F2
			C125 B2			D2 A1	Q30 * H1	R3 * F2	R86 * J1	R179 * A2	R262 * G1	RB10 * F2
			C126 B2			D3 B2	Q31 * G1	R4 F2	R87 * J1	R180 * A2	R263 G1	RB11 * B2
			C128 B1			D4 C2	Q32 * H2	R5 F2	R88 * J1	R181 * A2	R264 G1	RB12 * B2
			C131 * B2			D5 J1	Q33 * E2	R6 F2	R89 * E2	R182 * A2	R265 * G1	RB13 * B2
			C132 * B2			D6 H2	Q34 * H2	R7 F2	R90 * E2	R183 * A2	R266 * G1	
			C146 A3			D7 H1	Q35 * E2	R8 F2	R91 * E2	R184 * A2	R267 G1	RV1 J2
			C148 * B5			D8 H2	Q36 J2	R9 D2	R92 * E2	R185 * A2	R268 G1	RV2 H2
			C301 A5			D9 G2	Q37 * J1	R10 F2	R93 * E2	R186 * A2	R269 * G1	RV3 D2
			C302 B3			D10 G2	Q38 * E2	R11 * D1	R94 * E2	R187 A2	R270 * G1	RV4 G2
			C303 A3			D11 * H2	Q39 * E2	R12 * D1	R95 * G2	R188 A2	R271 G1	RV5 H2
			C304 A2			D400 J1	Q40 * G2	R13 * D1	R96 * G2	R189 A2	R272 G1	RV6 F2
			C305 B2			D402 J1	Q41 * G2	R14 * A2	R97 * G2	R190 A2	R273 * G1	RV7 F2
			C306 A2			D403 J1	Q42 * F2	R15 * D1	R98 * G2	R191 A2	R274 * G1	RV8 A1
			C307 A2			D404 J1	Q43 * F2	R16 * A2	R99 * G2	R192 A2	R275 G1	
			C308 A4				Q45 A2	R17 * A2	R100 * G2	R193 A2	R276 G1	S1 D1
			C309 A4				Q46 A2	R18 * A2	R101 * J2	R194 * A2	R277 * H1	S2 D2
							Q47 A2	R19 D2	R102 * H2	R195 * A2	R278 * H1	S3 E1
							Q48 A2	R20 D2	R103 D2	R196 * A2	R279 * H1	S4 F1
							Q49 * A2	R21 D2	R104 * G2	R197 * A2	R280 H1	S5 E1
							Q50 A2	R22 * E2	R105 * G2	R198 * A2	R281 H1	S6 E1
							Q51 A2	R23 * E2	R106 * F2	R199 * A2	R282 * H1	S7 F1
							Q52 A1	R24 * A2	R107 * F2	R200 * A2	R283 * H1	S8 F1
							Q53 A1	R25 D2	R108 A2	R201 * A2	R284 H1	S9 E2
							Q54 H2	R26 * A2	R109 * G2	R202 H2	R285 H1	S10 J1
							Q55 * G2	R27 * A2	R110 * F2	R203 H2	R286 * H1	S11 E2
							Q56 G2	R28 * A2	R111 * F2	R204 H2	R287 * H1	S12 G2
							Q57 * G2	R29 * E1	R112 * F2	R205 H2	R288 H1	S13 G1
							Q58 G2	R30 * E1	R113 * J2	R206 H2	R289 H1	S14 H1
							Q59 * G2	R31 * E1	R114 * J2	R207 * H2	R290 * H1	S15 A1
							Q60 G2	R32 * B2	R115 * F2	R208 * H2	R291 * H1	S17 C1
							Q61 * G2	R33 * E1	R116 * H2	R209 * H2	R292 H1	S18 B1
							Q62 G2	R34 * B2	R117 * H2	R210 * G2	R293 H1	S19 A2
							Q63 * G2	R35 * B2	R118 D2	R211 * G2	R294 * H2	S20 B1
							Q64 G2	R36 * F1	R119 D2	R212 G2	R295 * G2	
							Q65 * G2	R37 * B2	R120 * G2	R213 G2	R296 * G2	SL1 * D1
							Q66 G2	R38 * F1	R121 * G2	R214 * G2	R297 G2	SL2 * J2
							Q67 * G2	R39 * F1	R122 * G2	R215 * G2	R298 G2	SL3 * A1
							Q68 G2	R40 C2	R123 * G2	R216 G2	R299 * G2	

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 3.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 5.25 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 20 V AC range are suitable. (See Fig. A)

