

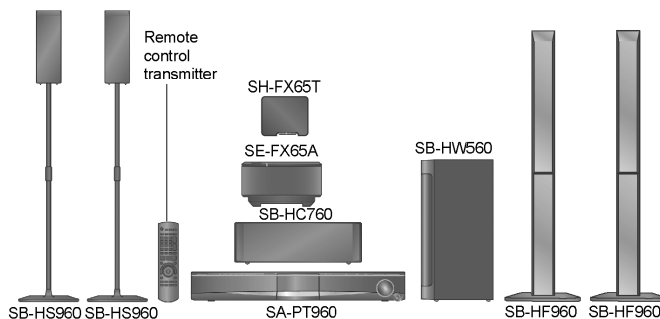
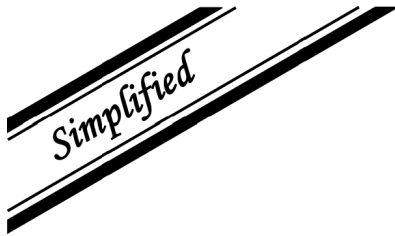
Service Manual

DVD Home Theater Sound System

SA-PT960PX

Colour

(K).....Black Type



Notes 1: This model is based on SA-PT960P/PC-K. Please refer to the original service manual (Order no. MD0802007CE).

Notes 2: This model's CD/DVD mechanism is CR14. Please refer to the original service manual (Order No. MD0801004CE) for this mechanism.

Specifications

Main unit SA-PT960PX

●GENERAL

Power supply:	AC 110V-127V/220V-240V, 50/60 Hz
Power consumption:	This unit 135 W
Power consumption in standby mode:	approx. 0.4 W
Dimensions (W×H×D):	430 mm×63 mm×327 mm(16- 15/16" X 2-11/16" X 12-7/8")
Mass:	This unit 3.7 kg (8.2 lbs)
Operating temperature range:	+0 °C to +40 °C (+32 °F to +104 °F)
Operating humidity range:	35% to 80% RH (no condensation)

●AMPLIFIER SECTION

RMS Output Power: Dolby Digital Mode

Front Ch:	250 W per channel (6 Ω), 1 kHz, 10% THD
Surround Ch:	125 W per channel (3 Ω), 1 kHz, 10% THD
Center Ch:	250 W per channel (6 Ω), 1 kHz, 10% THD
Subwoofer Ch:	250 W per channel (6 Ω), 100 Hz, 10% THD
Total RMS Dolby Digital mode power:	1250 W

FTC Output Power: Dolby Digital Mode

Panasonic®

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Front Ch:

104 W per channel (6 Ω), 120Hz to 20 kHz, 1% THD

Surround Ch:

34 W per channel (3 Ω), 120Hz to 20 kHz, 1% THD

Center Ch:

101 W per channel (6 Ω), 120Hz to 20 kHz, 1% THD

Subwoofer Ch:

106 W per channel (6 Ω), 45 Hz to 120 Hz, 1% THD

Total FTC Dolby Digital mode power:

483 W

●FM TUNER, TERMINALS SECTION

Preset Memory:

FM 30 stations

AM 30 stations

Frequency Modulation (FM)

Frequency range:

87.9 MHz-107.9 MHz (200-kHz step)

87.5 MHz-108.0 MHz (100-kHz step)

Antenna terminals:

75 Ω (unbalanced)

Amplitude Modulation (AM)

Frequency range:

520kHz to 1710kHz (10-kHz step)

Digital audio input

Optical digital input:

Optical terminal

Sampling frequency:

32 kHz, 44.1 kHz, 48 kHz

Phone jack

Terminal:

Stereo, 3.5 mm (1/8") jack

●DISC SECTION

Discs played [8 cm (3") or 12 cm (5")]:

- (1) DVD (DVD-Video)
- (2) DVD-RAM (DVD-VR, MP3^{*2, 5}, JPEG^{*4, 5})
- (3) DVD-R (DVD-Video, DVD-VR, MP3^{*2, 5}, JPEG^{*4, 5})
- (4) DVD-R DL (DVD-Video, DVD-VR)
- (5) DVD-RW (DVD-Video, DVD-VR, MP3^{*2, 5}, JPEG^{*4, 5})
- (6) +R/+RW (Video)
- (7) +R DL (Video)
- (8) CD, CD-R/RW [CD-DA, Video CD, SVCD^{*1}, MP3^{*2, 5}, WMA^{*3, 5}, JPEG^{*4, 5}]

^{*1} Conforming to IEC62107^{*2} MPEG-1 Layer 3, MPEG-2 Layer 3^{*3} Windows Media Audio Ver.9.0 L3

●Not compatible with Multiple Bit Rate (MBR)

^{*4} Exif Ver 2.1 JPEG Baseline files

●Picture resolution: between 160 x 120 and 6144 x 4096 pixels (Sub sampling is 4:0:0, 4:2:0, 4:2:2 or 4:4:4). Extremely long and narrow pictures may not be displayed.

^{*5} The total combined maximum number of recognizable audio and picture contents and groups: 4000 audio and picture contents and 400 groups.

Pick up

Wavelength (DVD/CD):

655/785 nm

Laser power (DVD/CD):

CLASS 1/CLASS 1M

Audio output (Disc)

Number of channels:

5.1 ch (FL, FR, C, SL, SR, SW)

●VIDEO SECTION

Video system:

NTSC

Composite video output

Output level:

1 Vp-p (75 Ω)

Terminal:

Pin jack (1 system)

Component Video Output

●Y output level:

1 Vp-p (75 Ω)

●P_B output level:

0.7 Vp-p (75 Ω)

●P_R output level:

0.7 Vp-p (75 Ω)

●Terminal:

Pin jack (Y: green, P_B: blue, P_R: red) (1 system)

HDMI AV output

Terminal:

19pin type A connector

HDAVI Control:

This unit supports "HDAVI Control 3" function.

Note:

1. Specifications are subject to change without notice. Mass and dimensions are approximate.
2. Total harmonic distortion is measured by the digital spectrum analyzer.

Solder:

This model uses lead free solder (PbF).

Mechanism:

This model uses CR14 mechanism.

Refer to original service manual for CR14 (MD0801004CE).

Wireless Features:

This model supports multi room wireless sound system (SH-FX85).

System	SC-PT960PX-K
Main unit	SA-PT960PX-K
Front speakers	SB-HF960P-K ^{*1}
Surround speakers	SB-HS960P-K ^{*1}
Center speaker	SB-HC760P-K ^{*1}
Subwoofer speaker	SB-HW560E-K1 ^{*1}
Digital Transmitter	SH-FX65TPX-K ^{*1}
Wireless System	SE-FX65PX-K ^{*1}

Refer to their respective original service manuals for ^{*1}.

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U.S. Patent Nos. 6,836,549; 6,381,747; 7,050,698; 6,516,132; and 5,583,936.

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■ Built-in decoders

You can play discs with these symbols.



WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Notes:

—This service manual contains technical information which will allow service personnel's to understand and service this model.

—If the circuit is changed or modified, this information will be followed by supplement service manual to be filled with the original service manual.

1) The base for this model is SA-PT960P/PC-K. You can refer to the original service manual (Order no. MD0802007CE). As such this service manual does not contain the following information as below:-

- Operation Procedures
- Self-diagnosis & Special Mode Setting
- Measurements & Adjustments
- Voltage & Waveform Chart
- Illustration of IC's, Transistors and Diodes
- Basic Troubleshooting Guide
- Overall Simplified Block for 760
- Terminal Function of ICs
- Schematic Diagram for printing with letter size

2) Contents include for this service manual:-

- Safety Precautions
- Prevention of Electrostatic Discharge (ESD)
- Precaution of Laser Diode
- About Lead Free Solder (PbF)
- Handling Precautions for Traverse Unit
- Accessories
- Assembling & Disassembling
- Assembling & Disassembling of DVD Mechanism Unit
- Service Fixture and tools
- Service Position
- Wiring Connection Diagram
- Block Diagram
- Schematic Diagram Notes
- Schematic Diagram
- Printed Circuit Board
- Cabinet Exploded Views
- Replacement Parts List

2 Safety Precautions

2.1. GENERAL GUIDELINES

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, carry out the following leakage current checks to prevent the customer from being exposed to shock hazards.

2.1.1. LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between $1\text{M}\Omega$ and $5.2\text{M}\Omega$.
When the exposed metal does not have a return path to the chassis, the reading must be ∞

2.1.2. LEAKAGE CURRENT HOT CHECK

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a $1.5\text{k}\Omega$, 10 watts resistor, in parallel with a $0.15\mu\text{F}$ capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in **Figure 1**.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

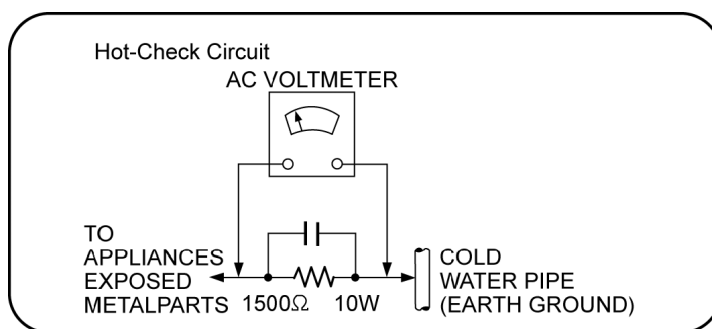


Figure 1

2.2. Before Repair and Adjustment

Disconnect AC power to discharge unit AC Capacitors as such C5700, C5701, C5703, C5704, C5705, C5706, C5707 through a 10Ω , 10 W resistor to ground.

Caution:

DO NOT SHORT-CIRCUIT DIRECTLY (with a screwdriver blade, for instance), as this may destroy solid state devices. After repairs are completed, restore power gradually using a variac, to avoid overcurrent. Current consumption at AC 110-127 V/220-240 V, 50/60 Hz in NO SIGNAL mode volume minimal should be $\sim 600\text{ mA}$.

2.2.1. Caution for fuse replacement

(For English) CAUTION:

Replace with the same type fuse:
(Manufacturer: LITTELFUSE, INC, Type: 233, F1, 8A, 250V)

2.3. Protection Circuitry

The protection circuitry may have operated if either of the following conditions are noticed:

- No sound is heard when the power is turned on.
- Sound stops during a performance.

The function of this circuitry is to prevent circuitry damage if, for example, the positive and negative speaker connection wires are “shorted”, or if speaker systems with an impedance less than the indicated rated impedance of the amplifier are used.

If this occurs, follow the procedure outlines below:

1. Turn off the power.
2. Determine the cause of the problem and correct it.
3. Turn on the power once again after one minute.

Note:

When the protection circuitry functions, the unit will not operate unless the power is first turned off and then on again.

2.4. Safety Parts Information

Safety Parts List:

There are special components used in this equipment which are important for safety.

These parts are marked by $\triangle$ in the Schematic Diagrams & Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

Table 1

Ref. No.	Part No.	Part Name & Description	Remarks
12	REXX0640-J	BLACK WIRE (AC TO SMPS)	[M] $\triangle$
13	REXX0641-J	RED WIRE (AC TO SMPS)	[M] $\triangle$
23	RGRX0067P-BA	REAR PANEL	[M] $\triangle$
66	RKMX0141-K1	TOP CABINET	[M] $\triangle$
77	REXX0642-J	WHITE WIRE (VOLTAGE SELECTOR)	[M] $\triangle$
78	REXX0643-J	BLUE WIRE (VOLTAGE SELECTOR)	[M] $\triangle$
84	J0KD00000126	FERRITE CORE	[M] $\triangle$
A2	K2CQ2CA00007	AC CORD	[M] $\triangle$
A12	J0KG00000037	AC CLAMP FILTER	[M] $\triangle$
PCB3	REPX0622C	SMPS P.C.B	[M] (RTL) $\triangle$
PCB4	REPX0622C	AC INLET P.C.B	[M] (RTL) $\triangle$
PCB5	REPX0626C	VOLTAGE SELECTOR P.C.B	[M] (RTL) $\triangle$
DZ5701	ERZV10V511CS	ZENER	[M] $\triangle$
S5701	K0ABCA000007	SW VOLTAGE SELECTOR	[M] $\triangle$
L5701	ELF15N035AN	LINE FILTER	[M] $\triangle$
L5702	ELF22V035B	LINE FILTER	[M] $\triangle$
L5703	ELF22V022A	LINE FILTER	[M] $\triangle$
T2900	G4D1A0000117	SWITCHING TRANSFORMER	[M] $\triangle$
T5701	ETS42BN1A6AD	MAIN POWER TRANSFORMER	[M] $\triangle$
T5751	ETS19AB256AG	BACKUP TRANSFORMER	[M] $\triangle$
PC5701	B3PBA0000402	PHOTO COUPLER	[M] $\triangle$
PC5702	B3PBA0000402	PHOTO COUPLER	[M] $\triangle$
PC5720	B3PBA0000402	PHOTO COUPLER	[M] $\triangle$
PC5799	B3PBA0000402	PHOTO COUPLER	[M] $\triangle$
F1	K5D802BNA005	FUSE	[M] $\triangle$
FP2901	K5G401A00008	FUSE PROTECTOR	[M] $\triangle$
TH5702	D4CAC8R00002	THERMISTOR	[M] $\triangle$
TH5860	D4CC11040013	THERMISTOR	[M] $\triangle$
P5701	K2AA2B000017	AC INLET	[M] $\triangle$
C5700	F1BAF1020020	1000pF	[M] $\triangle$
C5701	F0CAF334A087	0.33uF	[M] $\triangle$
C5703	F0C2H1040001	0.1uF 500V	[M] $\triangle$
C5704	F1BAF1020020	1000pF	[M] $\triangle$
C5705	F1BAF1020020	1000pF	[M] $\triangle$
C5706	F1BAF1020020	1000pF	[M] $\triangle$
C5707	F1BAF1020020	1000pF	[M] $\triangle$

3 Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution:

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

4 Precaution of Laser Diode

CAUTION:

This unit utilizes a Class I/Class II.

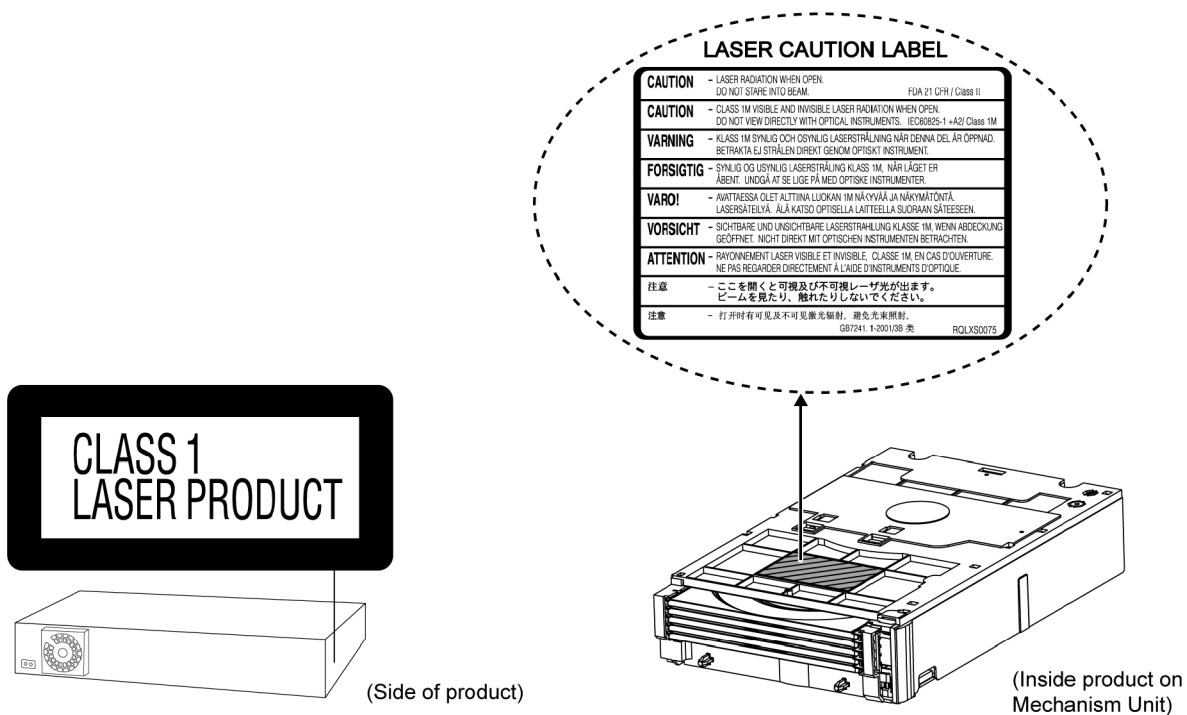
Invisible laser radiation is emitted from the optical pickup lens.

Wavelength: 655nm(DVD)/785nm(CD).

Maximum output radiation power from pickup: 100μW/VDE

When the unit is turned on:

1. Do not look directly into the pick up lens.
2. Do not use optical instruments to look at the pick up lens.
3. Do not adjust the preset variable resistor on the pickup lens.
4. Do not disassemble the optical pick up unit.
5. If the optical pick up is replaced, use the manufacturer's specified replacement pick up only.
6. Use of control or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.



CAUTION:

THIS PRODUCT UTILIZES A LASER.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

5 About Lead Free Solder (PbF)

5.1. Service caution based on legal restrictions

5.1.1. General description about Lead Free Solder (PbF)

The lead free solder has been used in the mounting process of all electrical components on the printed circuit boards used for this equipment in considering the globally environmental conservation.

The normal solder is the alloy of tin (Sn) and lead (Pb). On the other hand, the lead free solder is the alloy mainly consists of tin (Sn), silver (Ag) and Copper (Cu), and the melting point of the lead free solder is higher approx.30 degrees C (86°F) more than that of the normal solder.

Definition of PCB Lead Free Solder being used

The letter of "PbF" is printed either foil side or components side on the PCB using the lead free solder. (See right figure)	PbF
---	-----

Service caution for repair work using Lead Free Solder (PbF)

- The lead free solder has to be used when repairing the equipment for which the lead free solder is used.
(Definition: The letter of "PbF" is printed on the PCB using the lead free solder.)
- To put lead free solder, it should be well molten and mixed with the original lead free solder.
- Remove the remaining lead free solder on the PCB cleanly for soldering of the new IC.
- Since the melting point of the lead free solder is higher than that of the normal lead solder, it takes the longer time to melt the lead free solder.
- Use the soldering iron (more than 70W) equipped with the temperature control after setting the temperature at 350±30 degrees C (662±86°F).

Recommended Lead Free Solder (Service Parts Route.)

- The following 3 types of lead free solder are available through the service parts route.
RFKZ03D01K----- (0.3mm 100g Reel)
RFKZ06D01K----- (0.6mm 100g Reel)
RFKZ10D01K----- (1.0mm 100g Reel)

Note

* Ingredient: tin (Sn), 96.5%, silver (Ag) 3.0%, Copper (Cu) 0.5%, Cobalt (Co) / Germanium (Ge) 0.1 to 0.3%

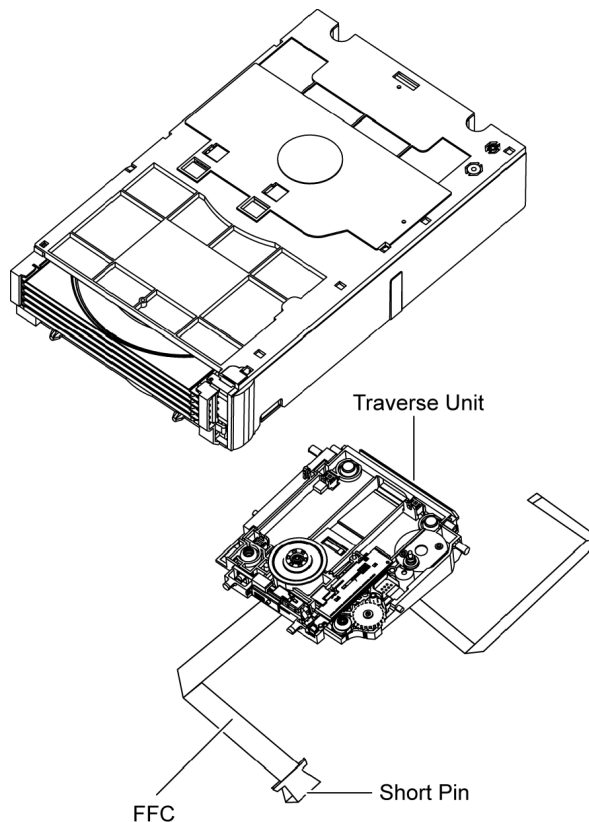
6 Handling Precautions for Traverse Unit

The laser diode in the optical pickup unit may break down due to static electricity of clothes or human body. Special care must be taken avoid caution to electrostatic breakdown when servicing and handling the laser diode in the traverse unit.

6.1. Cautions to Be Taken in Handling the Optical Pickup Unit

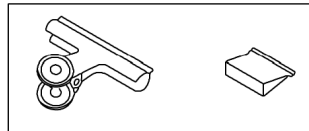
The laser diode in the optical pickup unit may be damaged due to electrostatic discharge generating from clothes or human body. Special care must be taken avoid caution to electrostatic discharge damage when servicing the laser diode.

1. Do not give a considerable shock to the optical pickup unit as it has an extremely high-precise structure.
2. To prevent the laser diode from the electrostatic discharge damage, the flexible cable of the optical pickup unit removed should be short-circuited with a short pin or a clip.
3. The flexible cable may be cut off if an excessive force is applied to it. Use caution when handling the flexible cable.
4. The antistatic FPC is connected to the new optical pickup unit. After replacing the optical pickup unit and connecting the flexible cable, cut off the antistatic FPC.



[Caution]

Ground the cable with a clip or a short pin.



Clip or Short Pin

6.2. Grounding for electrostatic breakdown prevention

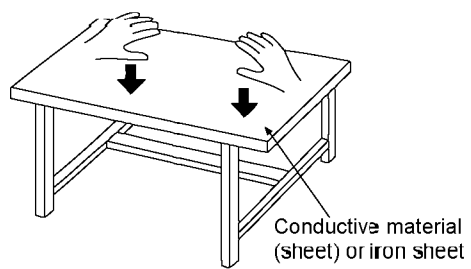
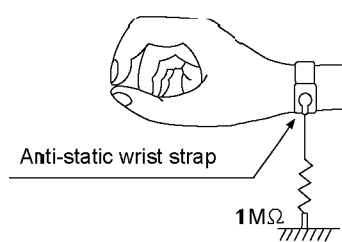
Some devices such as the DVD player use the optical pickup (laser diode) and the optical pickup will be damaged by static electricity in the working environment. Proceed servicing works under the working environment where grounding works is completed.

6.2.1. Worktable grounding

1. Put a conductive material (sheet) or iron sheet on the area where the optical pickup is placed, and ground the sheet.

6.2.2. Human body grounding

1. Use the anti-static wrist strap to discharge the static electricity form your body.

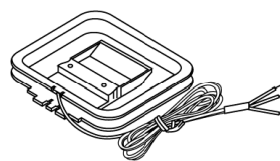


7 Accessories

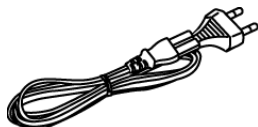
- Note: Refer to “Replacement Parts List” (Section 25) for the part number.



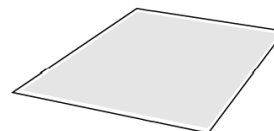
Remote control



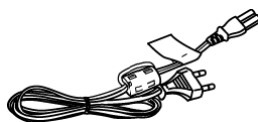
AM loop antenna



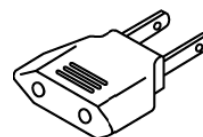
AC cord



Speaker cable sticker



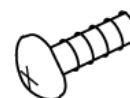
AC clamp filter



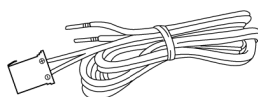
AC plug adaptor



Video cable



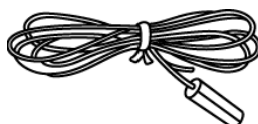
4 screws



Speaker cord



8 screws



FM Indoor Antenna

8 Assembling and Disassembling

“ATTENTION SERVICER”

Be careful when disassembling and servicing.

Some chassis components may have sharp edges.

Special Note:

1. This section describes the disassembly procedures for all the major printed circuit boards and main components.
2. Before the disassembly process was carried out, do take special note that all safety precautions are to be carried out.
(Ensure that no AC power supply is connected during disassembling.)
3. For assembly after operation checks or replacement, reverse the respective procedures.
Special reassembly procedures are described only when required.
4. Do take note of the locators on each printed circuit board during reassembling procedures.
5. The Switch Regulator IC may have high temperature after prolonged use.
6. Use caution when removing the top cabinet and avoid touching heat sinks located in the unit.

**CAUTION: HOT!!
PLEASE DO NOT
TOUCH THE HEAT SINK**

7. Select items from the following index when checks or replacement are required.

- Disassembly of Top Cabinet
- Disassembly of Rear Panel
- Disassembly of DVD Mechanism Unit
- Disassembly of Front Panel
- Disassembly of Panel P.C.B.
- Disassembly of Power/Disc Button P.C.B.
- Disassembly of DVD Lid
- Disassembly of Ipod Cradle P.C.B.
- Disassembly of AC Inlet P.C.B.
- Disassembly of Main P.C.B.
- Disassembly of D-Amp P.C.B.
- Replacement of Digital Amp IC (IC5000)
- Replacement of Digital Amp IC (IC5200)
- Replacement of Digital Amp IC (IC5300)
- Replacement of Digital Amp IC (IC5400)
- Disassembly of SMPS P.C.B.
- Replacement of Switch Regulator IC (IC5701)
- Replacement of Switch Regulator Diode (D5702)
- Replacement of Regulator Diode (D5801)
- Replacement of Regulator Diode (D5802)
- Replacement of Regulator Diode (D5803)
- Replacement of Power Supply P.C.B.
- Replacement of Regulator IC (IC2903)
- Disassembly of DVD Module P.C.B.
- Disassembly of Coprocessor P.C.B.
- Disassembly of Wireless Adapter P.C.B.
- Disassembly of Voltage Selector P.C.B.

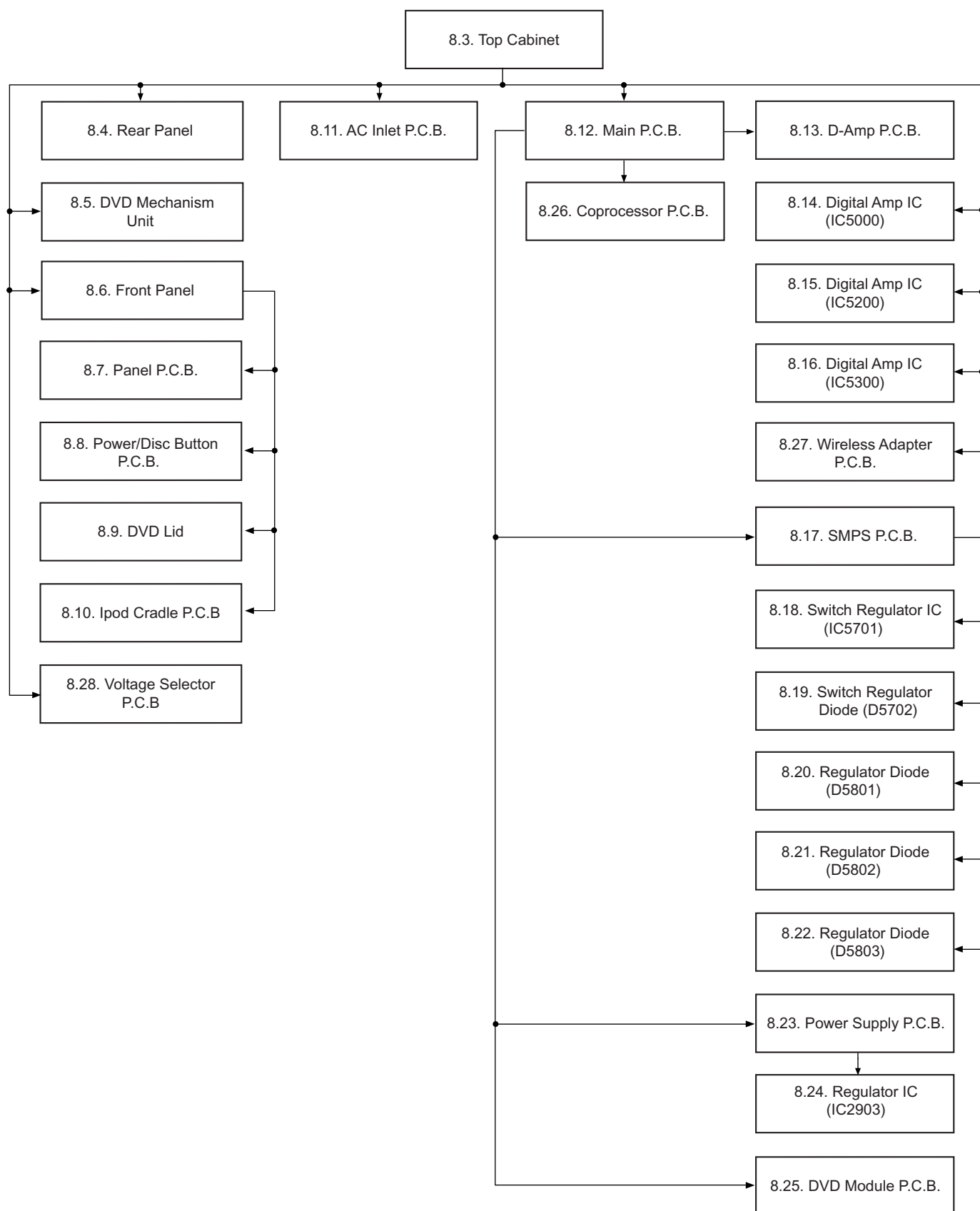
CAUTION NOTE:

Please use original screw and at correct locations.

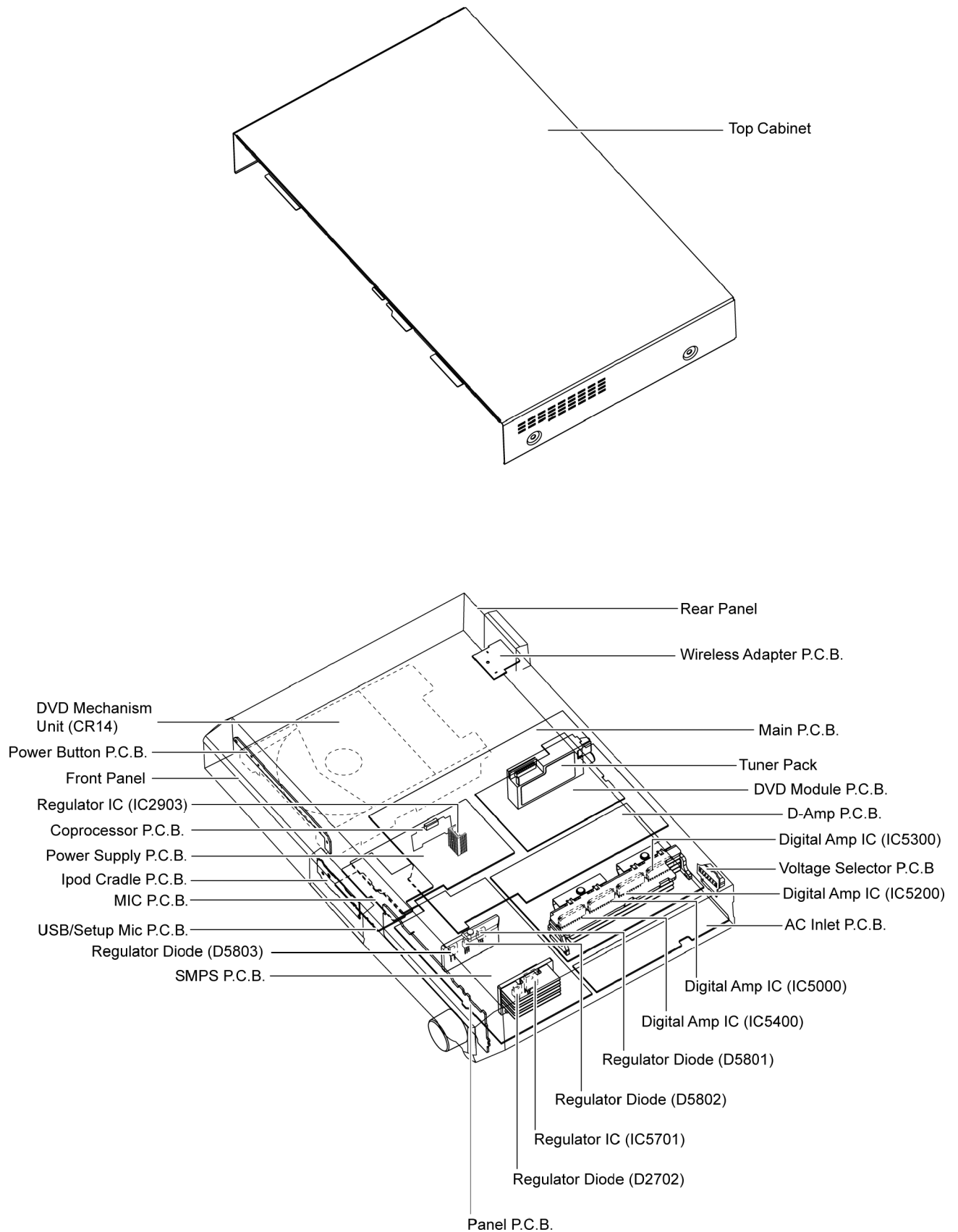
Below shown is part no. of different screw types used:

- | | |
|------------------------|----------------------|
| a :RHD30007-K2J | g :RHD30111-3 |
| b :RHD30119-S | h :XTW3+8TFJ |
| c :XSN3+4FJ | i :XTB3+10JFJ |
| d :RHD30070 | j :XTB3+8JFJ |
| e :RHD26046 | k :RHD30090-1 |
| f :VHD1224-1 | |

8.1. Disassembly Flow Chart

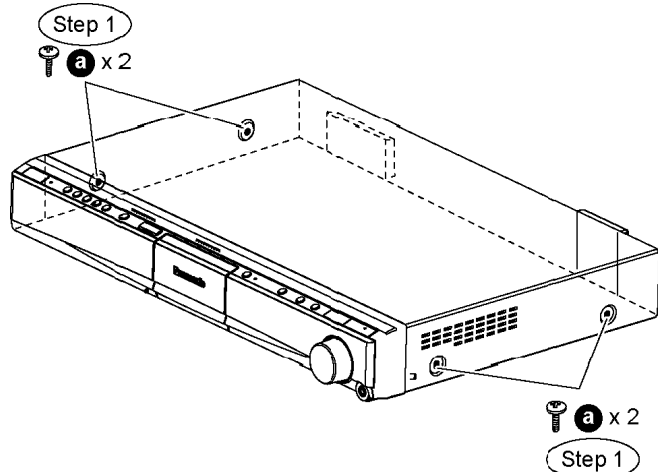


8.2. Main Components and P.C.B. Locations

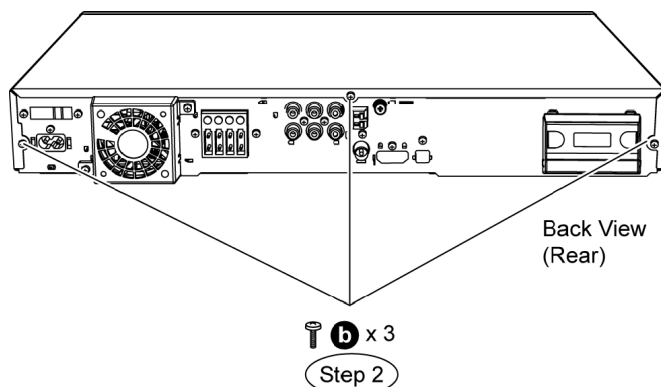


8.3. Disassembly of Top Cabinet

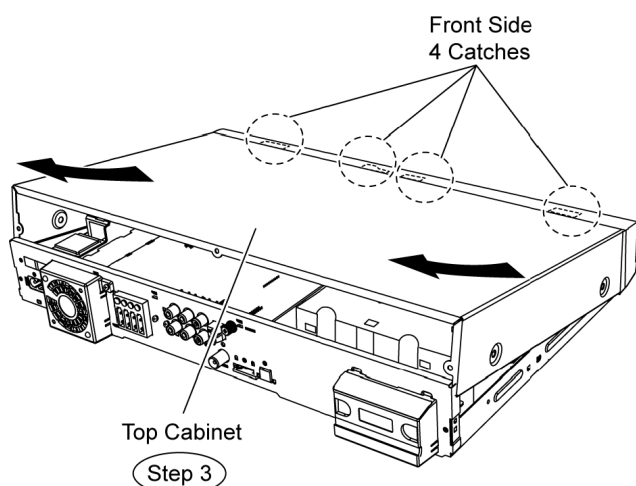
Step 1 Remove 4 screws at the side of the top cabinet.



Step 2 Remove 3 screws at the rear of the top cabinet.



Step 3 Lift up the back part of the top cabinet and remove it in the direction of arrows.



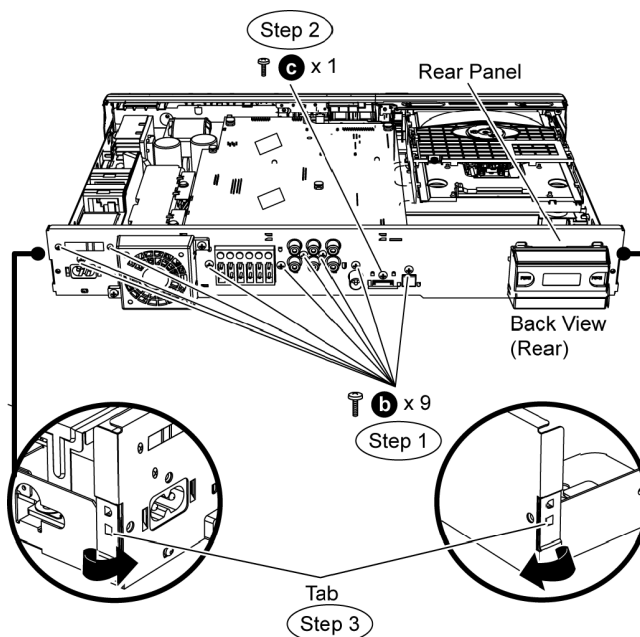
8.4. Disassembly of Rear Panel

- Follow (Step 1) to (Step 3) of Item 8.3.

Step 1 Remove 9 screws at the rear panel.

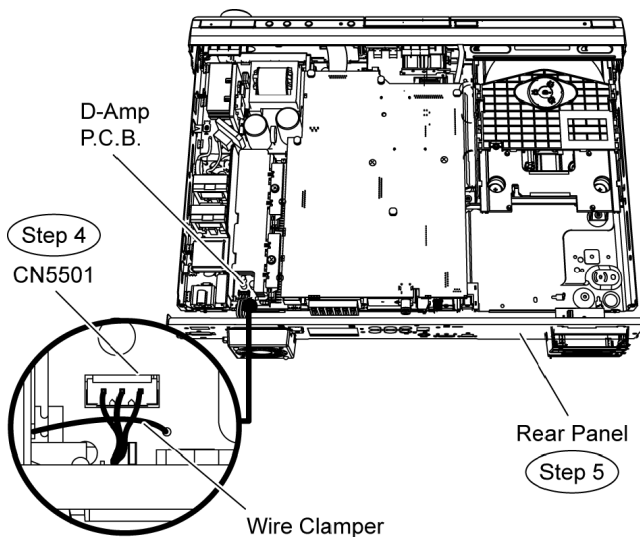
Step 2 Remove 1 screws at the rear panel.

Step 3 Release the tab of each side of the rear panel in the direction of arrow.



Step 4 Remove the wire clammer to detach the fan unit connector (CN5501) on D-Amp P.C.B.

Step 5 Remove the rear panel.

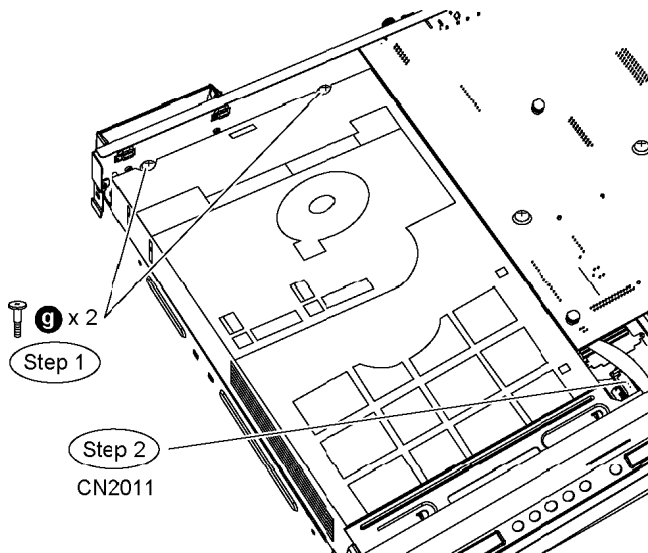


8.5. Disassembly of (CR14) Mechanism Unit

- Follow (Step 1) to (Step 3) of Item 8.3.

Step 1 Remove 2 screws from mechanism unit.

Step 2 Detach 11P FFC cable at the connector (CN2011) on Power Supply P.C.B.

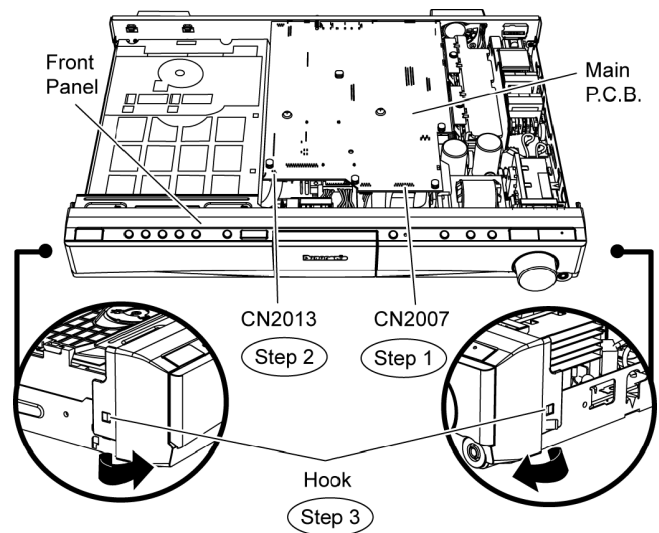
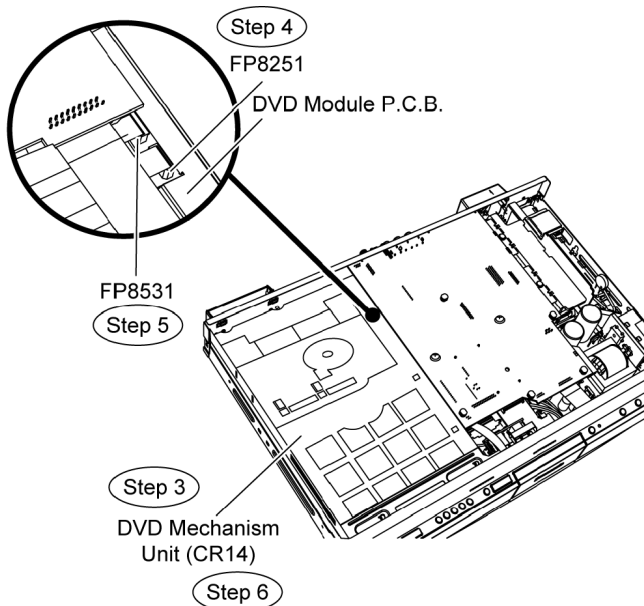


Step 3 Move aside mechanism unit and position it according to the diagram show.

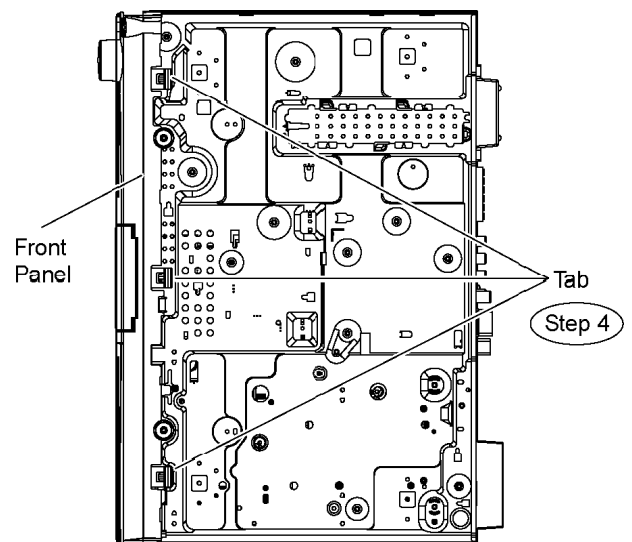
Step 4 Detach 7P FFC cable at the connector (FP8251) on DVD Module P.C.B.

Step 5 Detach 26P FFC cable at the connector (FP8531) on DVD Module P.C.B.

Step 6 Remove the DVD Mechanism Unit (CR14).



Step 4 Release the tabs at the bottom of the front panel.



Caution: Do not exert strong force when releasing the tabs.

Step 5 Detach the front panel slightly forward in the direction of arrows.

Step 6 Detach 14P cable at the connector (CN6003) on Power Supply P.C.B.

Step 7 Remove the front panel.

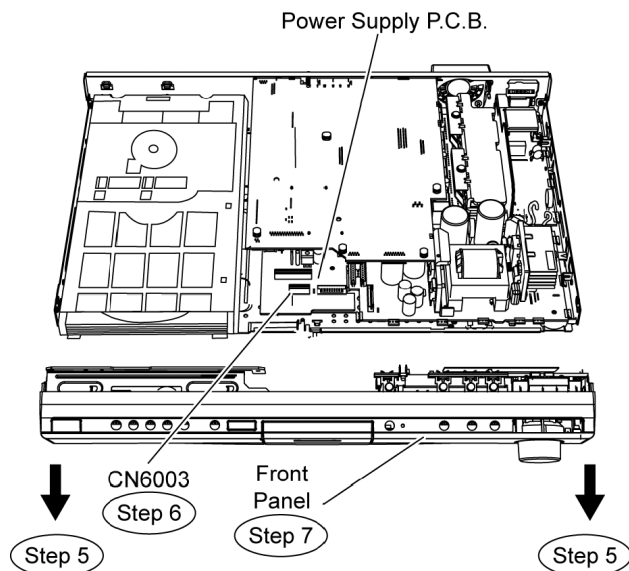
8.6. Disassembly of Front Panel

- Follow (Step 1) to (Step 3) of Item 8.3.

Step 1 Detach 17P FFC cable at the connector (CN2007) on Main P.C.B.

Step 2 Detach 4P FFC cable at the connector (CN2013) on Main P.C.B.

Step 3 Release the hook at each side of the front panel in the direction of arrow.

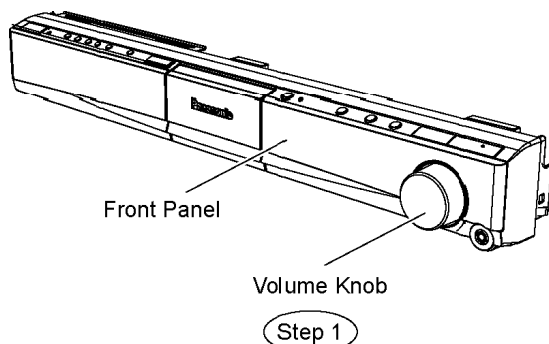


Caution: Do not attempt to exert strong force when detaching the front panel.

8.7. Disassembly of Panel P.C.B.

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 7) of Item 8.6.

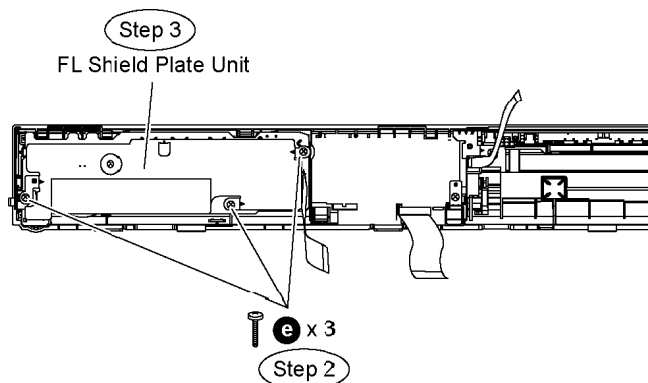
Step 1 Remove the volume knob.



- Disassembly of FL shield plate unit.

Step 2 Remove 3 screws from the FL shield plate unit.

Step 3 Remove the FL shield plate unit.



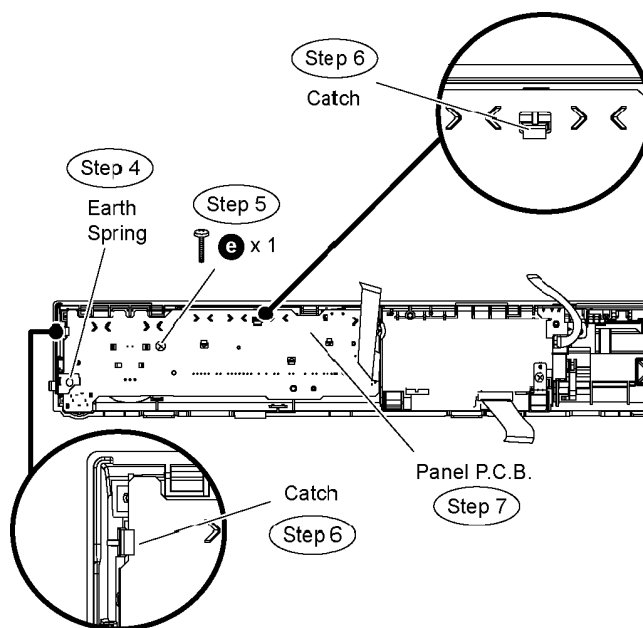
Caution Note: Keep the FL shield plate unit in safe place. Avoid denting it. Place it back during assembling.

Step 4 Remove the earth spring.

Step 5 Remove 1 screw on Panel P.C.B.

Step 6 Release the catch.

Step 7 Remove Panel P.C.B.



Caution Note: Keep the earth spring in safe place. Avoid denting it. Place it back during assembling.

8.8. Disassembly of Power/Disc Button P.C.B.

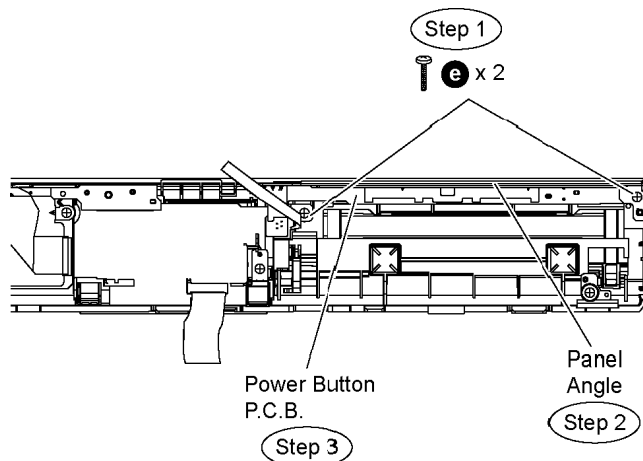
- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 7) of Item 8.6.

- Disassembly of Panel Angle.

Step 1 Remove 2 screws from the panel angle.

Step 2 Remove the panel angle.

Step 3 Remove Power/Disc Button P.C.B.



Caution Note: Keep the panel angle in safe place. Avoid denting it. Place it back during assembling.

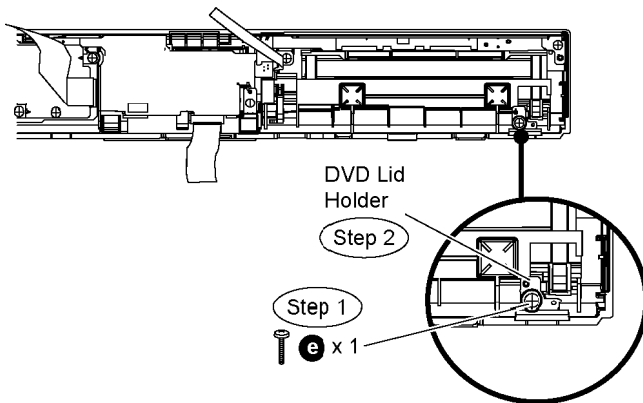
8.9. Disassembly of DVD Lid

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 7) of Item 8.6.

- Disassembly of DVD Lid Holder

Step 1 Remove 1 screw from the DVD lid holder.

Step 2 Remove the DVD lid holder.



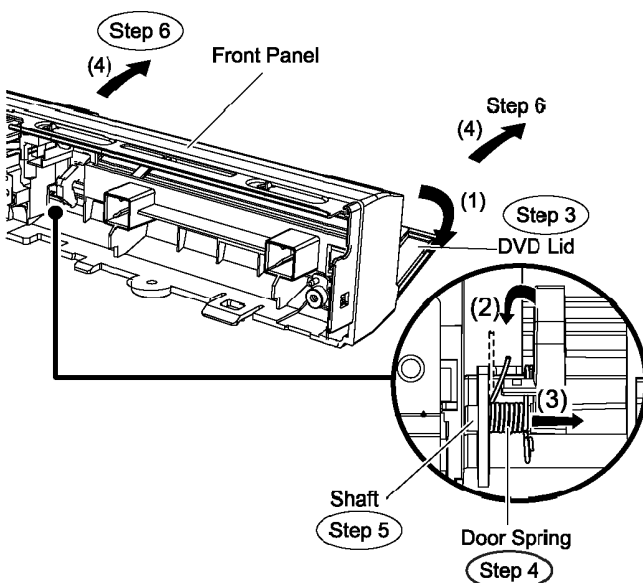
Caution Note: Keep the DVD lid holder in safe place. Avoid denting it. Place it back during assembling.

Step 3 Open the DVD lid in the direction of arrow (1), until it is aligned parallel with the front panel.

Step 4 Lift the door spring in the direction of arrow (2).

Step 5 Move the shaft of the DVD lid in the direction of arrow (3).

Step 6 Remove the DVD lid in the direction of arrow (4).

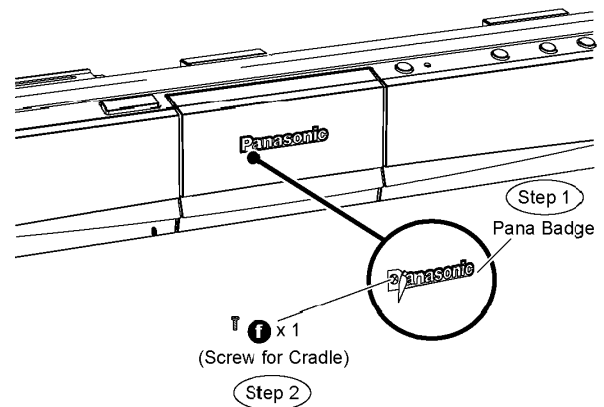


8.10. Disassembly of Ipod Cradle P.C.B.

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 7) of Item 8.6.

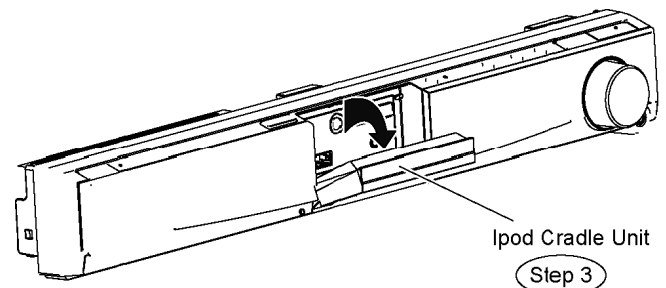
Step 1 Peel off the portion of the pana badge (paste type) with a pen knife.

Step 2 Remove the screw for cradle.



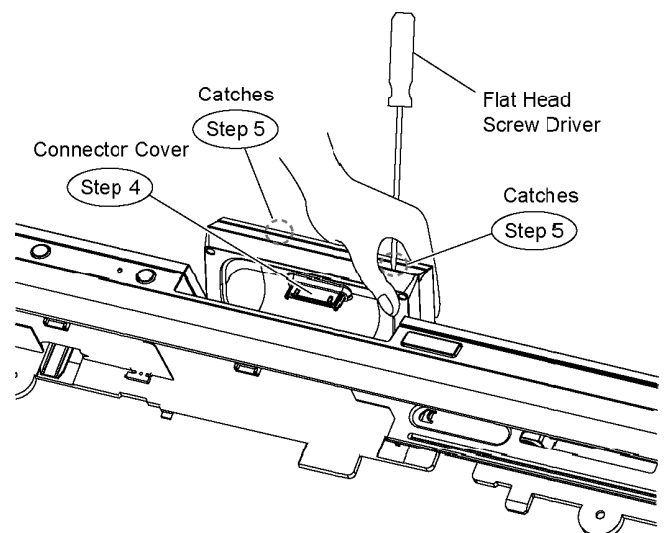
Caution Note: Keep the screw in safe place. Place it back during assembling.

Step 3 Flip the Ipod cradle unit for 45 degree as the direction of arrow.

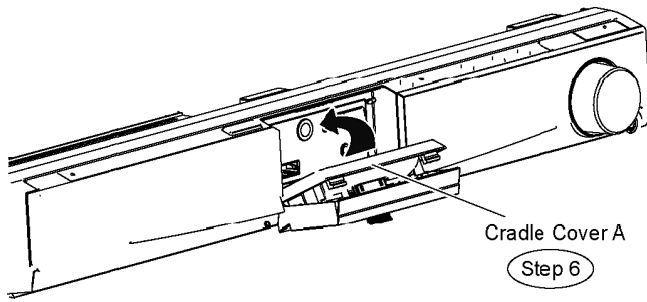


Step 4 Remove the connector cover.

Step 5 Use a flat head screwdriver (0.5-0.7mm) to release the catches according to the diagram show.

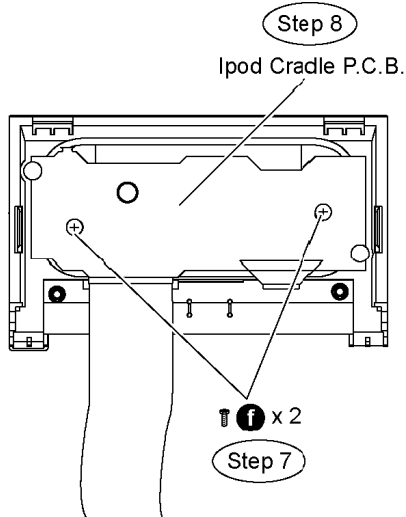


Step 6 Remove cradle cover A as the direction of arrow.



Step 7 Remove 2 screws on the Ipod cradle P.C.B.

Step 8 Remove Ipod cradle P.C.B.

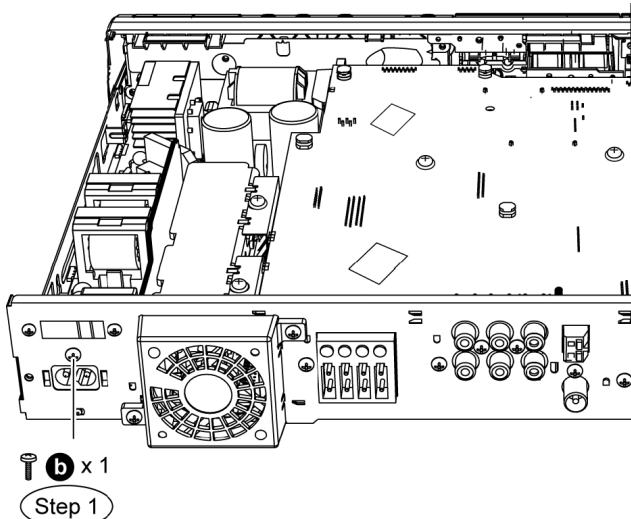


8.11. Disassembly of AC Inlet P.C.B.

- Follow (Step 1) to (Step 3) of Item 8.3.

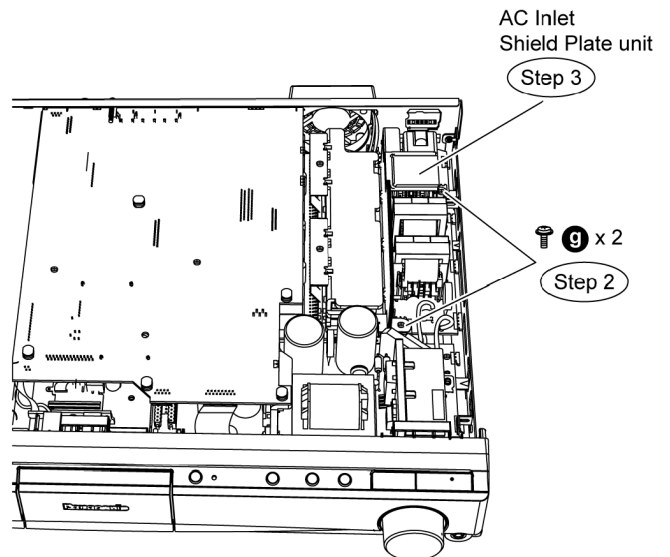
- Disassembly of AC Inlet Shield Plate Unit.

Step 1 Remove 1 screw at the rear panel.



Step 2 Remove 2 screws from the AC Inlet shield plate unit.

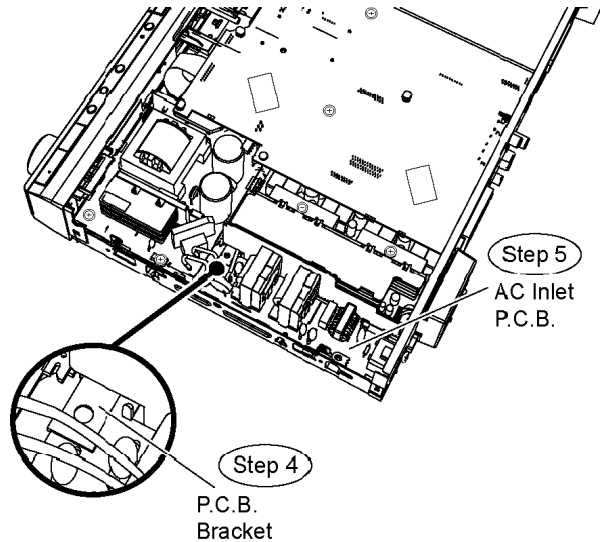
Step 3 Remove the AC Inlet shield plate unit.



Caution Note: Keep the AC Inlet shield plate unit in safe place. Avoid denting it. Place it back during assembling.

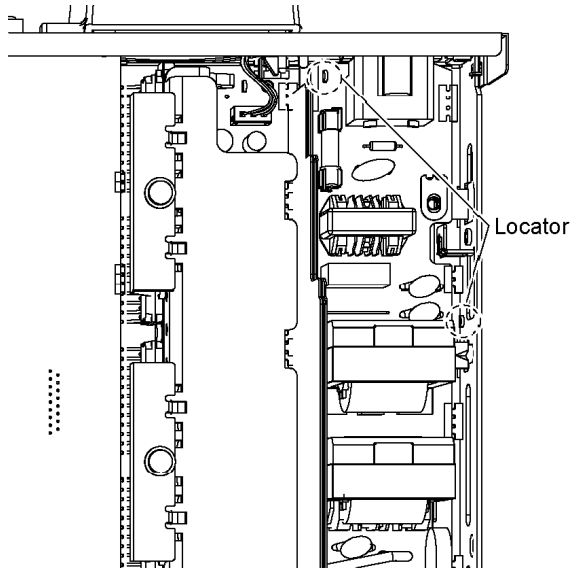
Step 4 Remove the P.C.B. bracket.

Step 5 Remove AC Inlet P.C.B.



Caution Note: Keep the P.C.B. bracket in safe place. Avoid denting it. Place it back during assembling.

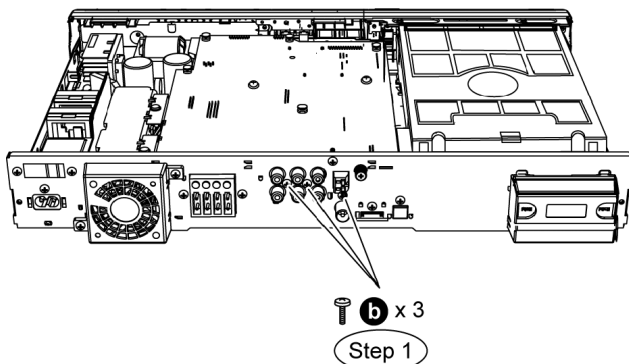
Special Note: During reassembling procedures, ensure the P.C.B. is seated properly at the locators.



8.12. Disassembly of Main P.C.B.

- Follow (Step 1) to (Step 3) of Item 8.3.

Step 1 Remove 3 screws at the rear panel.



Step 2 Remove 2 screws on Main P.C.B.

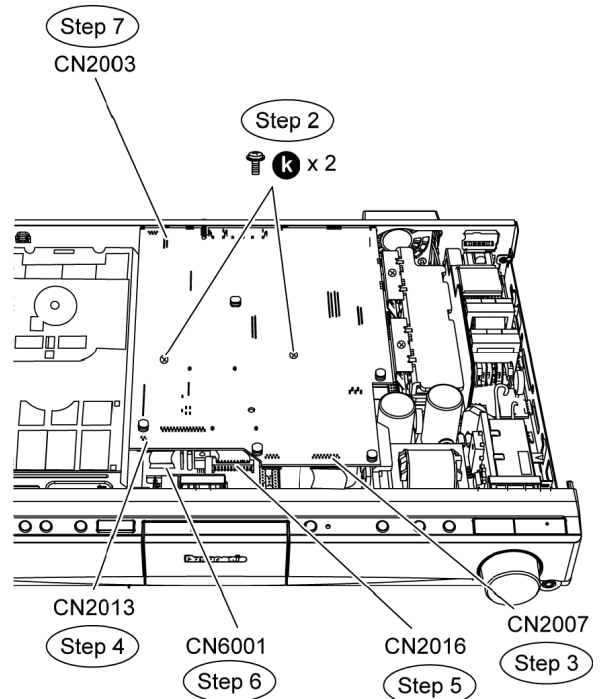
Step 3 Detach 17P FFC cable at the connector (CN2007) on the Main P.C.B.

Step 4 Detach 4P FFC cable at the connector (CN2013) on the Main P.C.B.

Step 5 Detach 13P cable at the connector (CN2016) on the Power Supply P.C.B.

Step 6 Detach 28P cable at the connector (CN6001) on the Power Supply P.C.B.

Step 7 Detach 14P cable at the connector (CN2003) on the Main P.C.B.



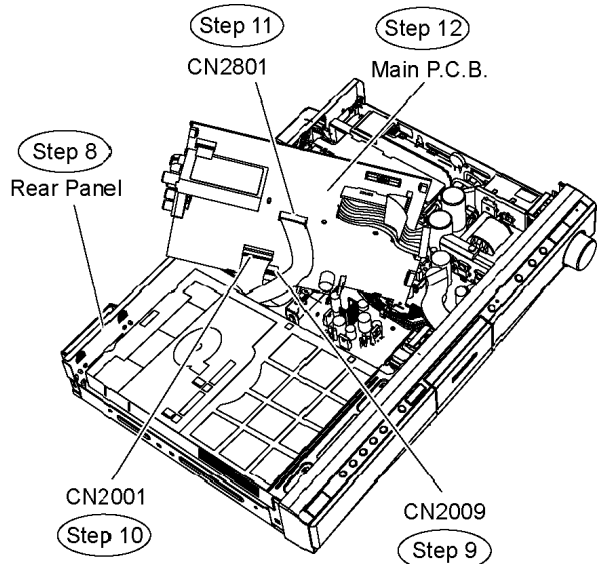
Step 8 Detach Main P.C.B. from the rear panel.

Step 9 Turn over Main P.C.B. to detach 17P FFC cable at the connector (CN2009) on the Main P.C.B.

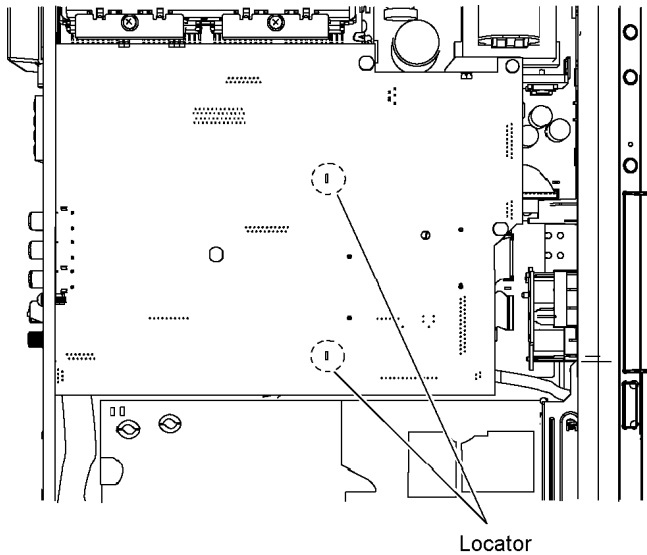
Step 10 Detach 50P FFC cable at the connector (CN2001) on the Main P.C.B.

Step 11 Detach 22P FFC cable at the connector (CN2801) on the Main P.C.B.

Step 12 Remove Main P.C.B.



Special Note: During reassembling procedures, ensure the P.C.B. is seated properly at the locators.



8.13. Disassembly of D-Amp P.C.B.

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 4) of Item 8.11.
- Follow (Step 1) to (Step 5) of Item 8.12.

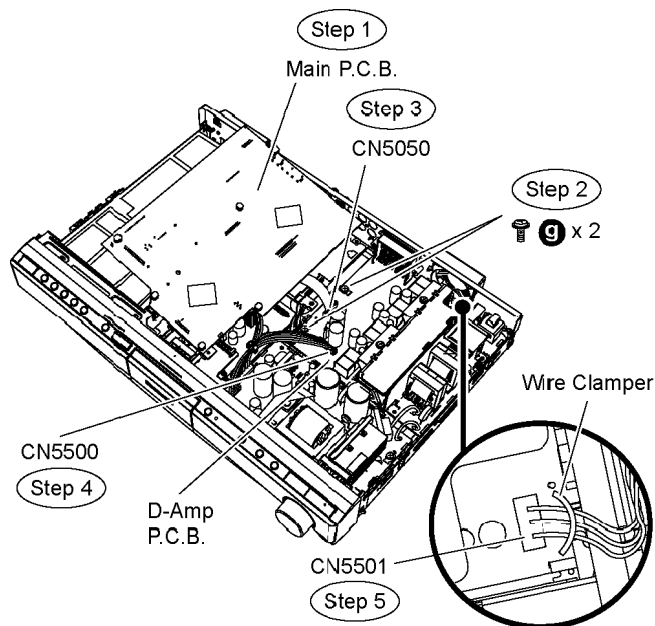
Step 1 Move aside Main P.C.B. and position it according to the diagram shown.

Step 2 Remove 2 screws on D-Amp P.C.B.

Step 3 Detach 17P cable at the connector (CN5050) on D-Amp P.C.B.

Step 4 Detach 8P cable at the connector (CN5500) on D-Amp P.C.B.

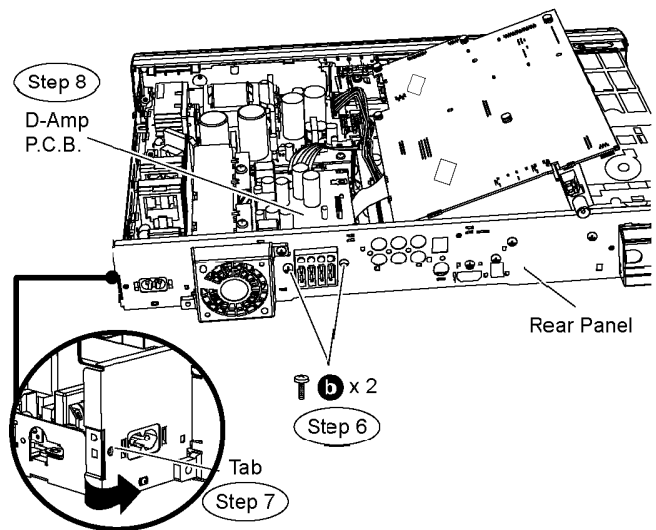
Step 5 Twist the wire clasper to detach 3P cable at the connector (CN5501) on D-Amp P.C.B.



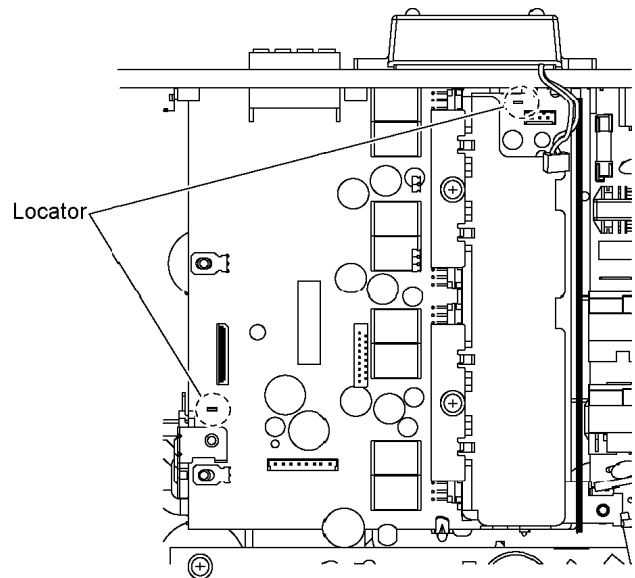
Step 6 Remove 2 screws at the rear panel.

Step 7 Release the tab of the rear panel in the direction of arrow.

Step 8 Remove D-Amp P.C.B.



Special Note: During reassembling procedures, ensure the P.C.B. is seated properly at the locators.

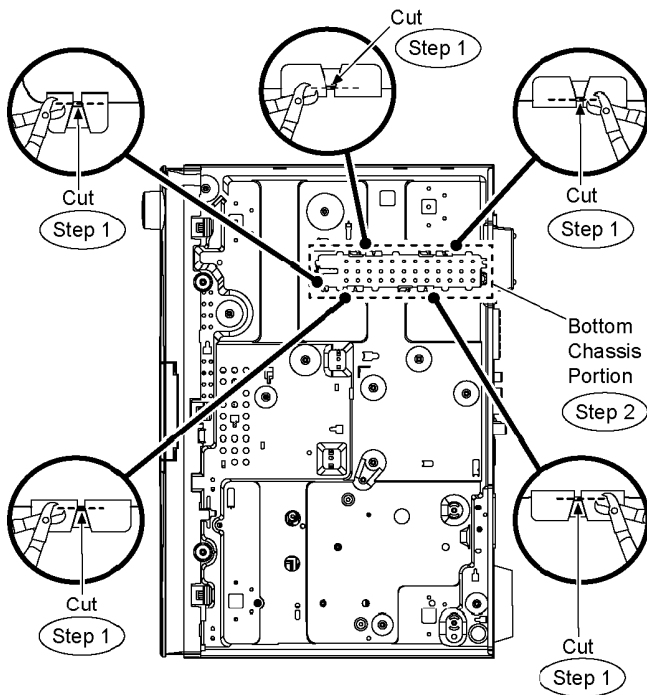


8.14. Replacement of Digital Amp IC (IC5000)

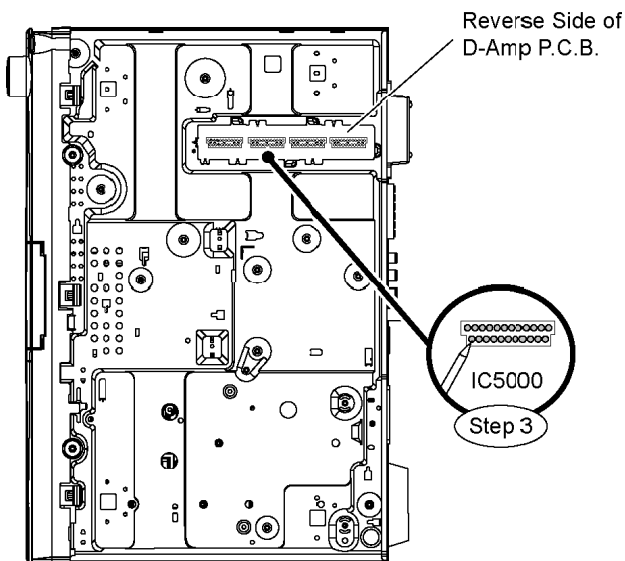
- Follow (Step 1) to (Step 3) of Item 8.3.

Step 1 Cut the 5 connecting points as indicated in the diagram.

Step 2 Detach the marked portion from the bottom chassis.



Step 3 Desolder pins of the digital amp IC (IC5000) on the reverse side of D-Amp P.C.B.

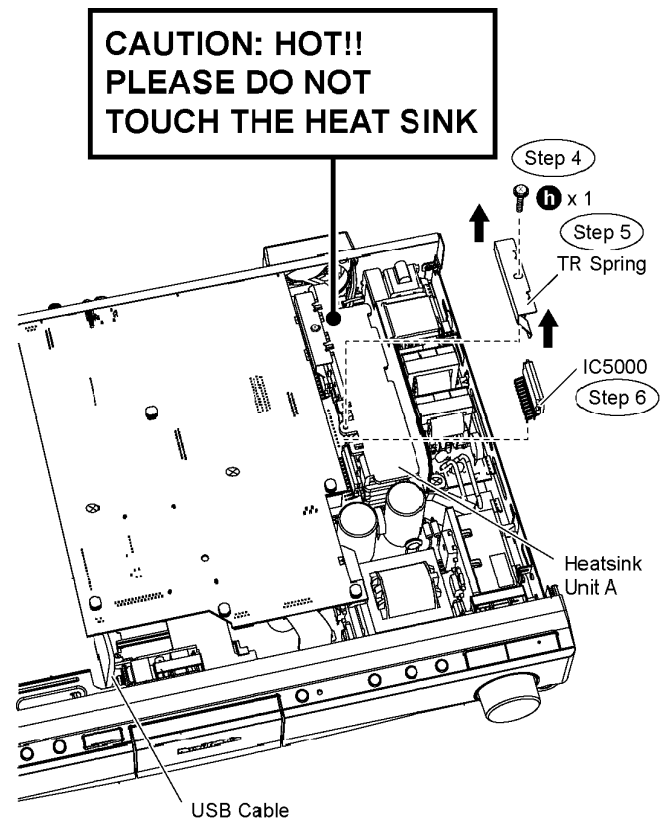


Step 4 Remove 1 screw from the TR spring.

Step 5 Remove the TR spring in the direction of arrows.

Step 6 Remove the digital amp IC (IC5000) from the heatsink unit A.

Caution: Handle the heatsink unit A with caution due to its high temperature after prolonged use. Touching it may lead to injuries.



Note: Refer to the diagrams of D-Amp P.C.B. (Item 20.4.) for location of the part.

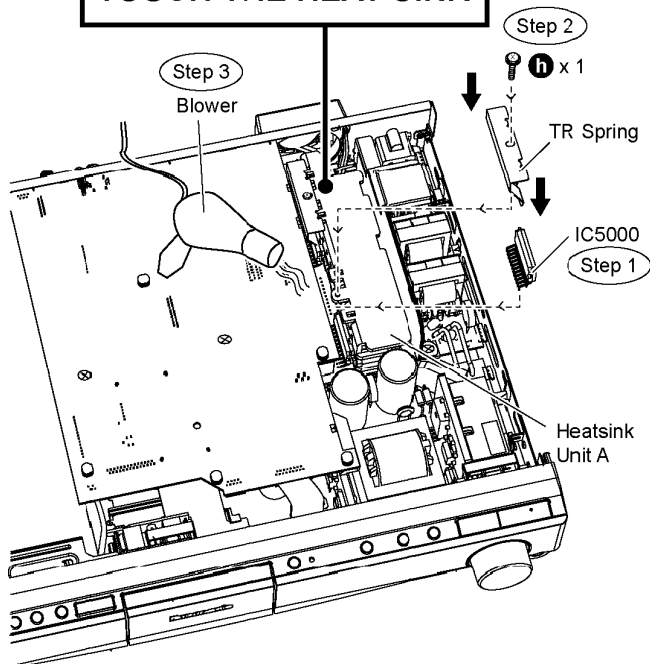
8.14.1. Assembly of the Digital Amp IC (IC5000)

Step 1 Fix the digital amp IC (IC5000) to the heatsink unit A.

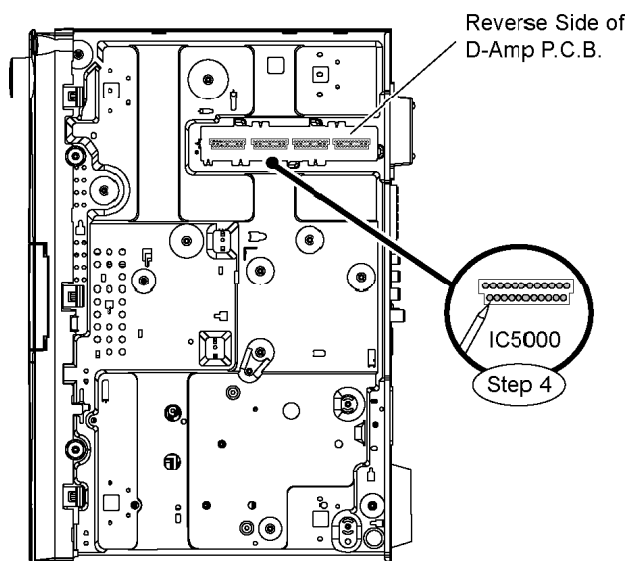
Step 2 Screw the TR spring to the heatsink unit A.

Step 3 Use a blower to remove the minute particles that might be caused after the process of the screwing TR spring to the heatsink unit A.

**CAUTION: HOT!!
PLEASE DO NOT
TOUCH THE HEAT SINK**



Step 4 Solder pins of the digital amp IC (IC5000) on the reverse side of D-Amp P.C.B.

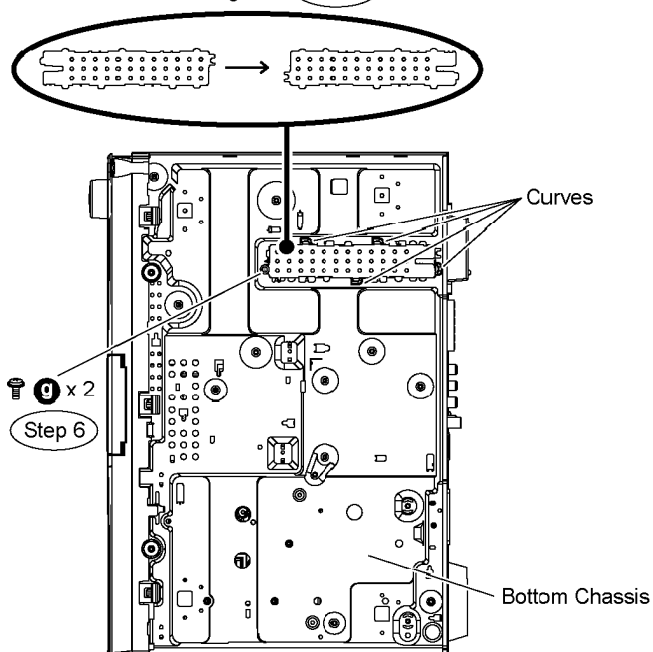


Special Note: Ensure pins of the digital amp IC (IC5000) are properly seated and soldered on D-Amp P.C.B.

Step 5 Position the bottom chassis portion into the curves according to the diagram shown. (Rotate the part at 180 degrees as compared to its original position)

Step 6 Screw the portion to the bottom chassis.

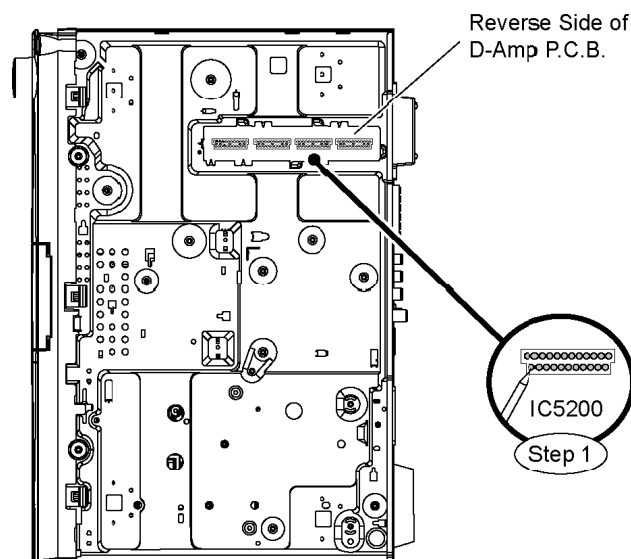
Rotate 180 degrees (Step 5)



8.15. Replacement of Digital Amp IC (IC5200)

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 2) of Item 8.14.

Step 1 Desolder pins of the digital amp IC (IC5200) on the reverse side of D-Amp P.C.B.

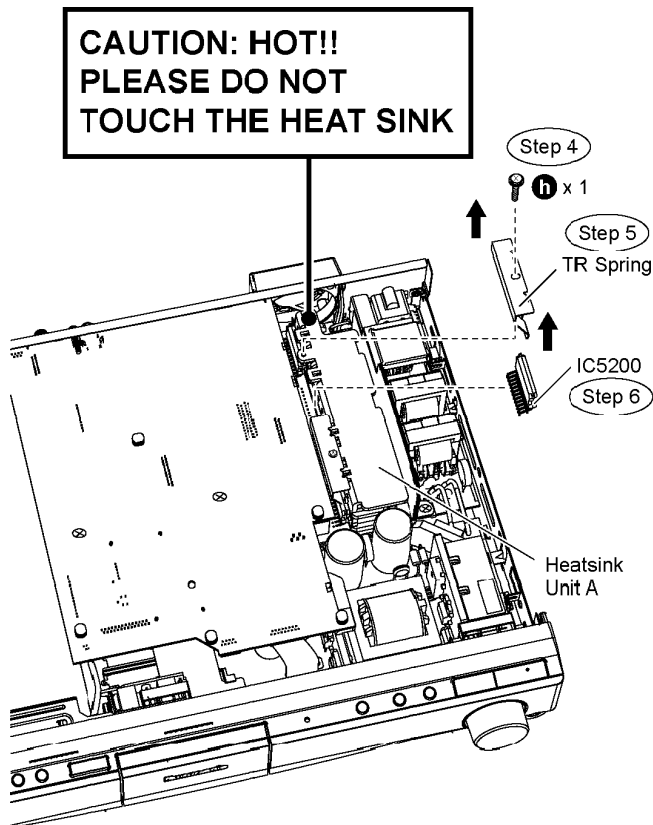


Step 2 Remove 1 screw.

Step 3 Remove the TR spring in the direction of arrows.

Step 4 Remove the digital amp IC (IC5200) from the heatsink unit A.

Caution: Handle the heatsink unit A with caution due to its high temperature after prolonged use. Touching it may lead to injuries.



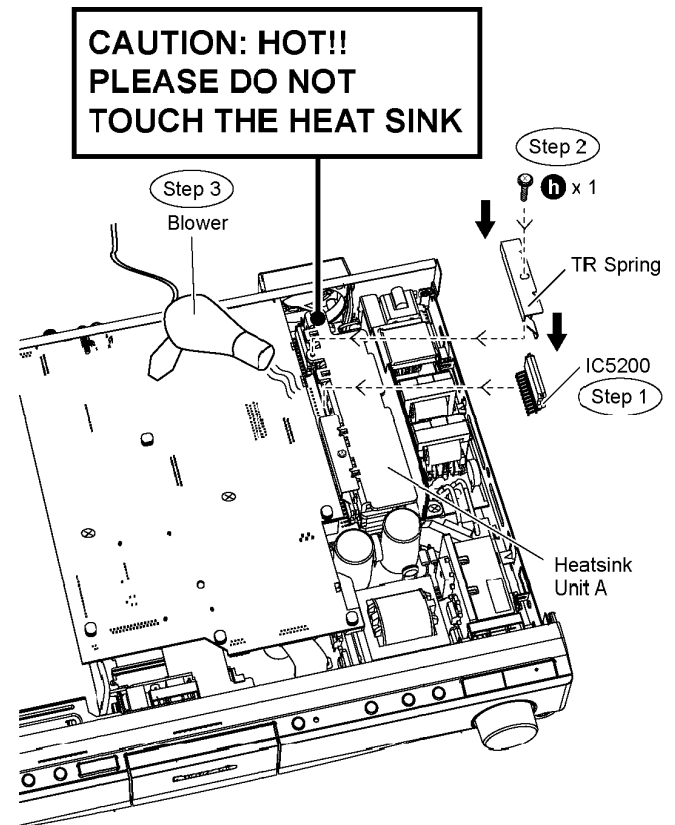
Note: Refer to the diagrams of D-Amp P.C.B. (Item 20.4.) for location of the part.

8.15.1. Assembly of the Digital Amp IC (IC5200)

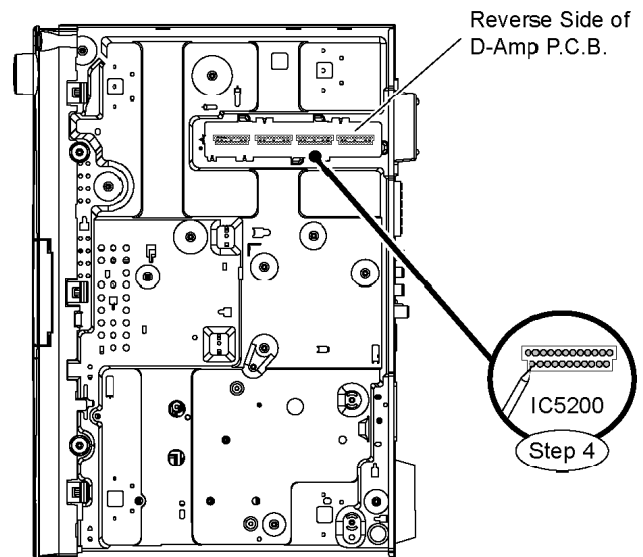
Step 1 Fix the digital amp IC (IC5200) to the heatsink unit A.

Step 2 Screw the TR spring to the heatsink unit A.

Step 3 Use a blower to remove the minute particles that might be caused after the process of the screwing TR spring to the heatsink unit A.



Step 4 Solder pins of the digital amp IC (IC5200) on the reverse side of D-Amp P.C.B.



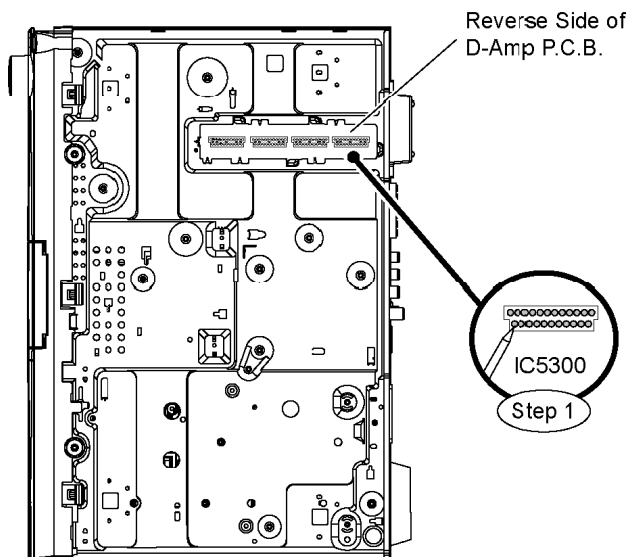
Special Note: Ensure pins of the digital amp IC (IC5200) are properly seated and soldered on D-Amp P.C.B.

Step 5 Follow (Step 5) to (Step 6) of Item 9.14.1.

8.16. Replacement of Digital Amp IC (IC5300)

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 2) of Item 8.14.

Step 1 Desolder pins of the digital amp IC (IC5300) on the reverse side of D-Amp P.C.B.

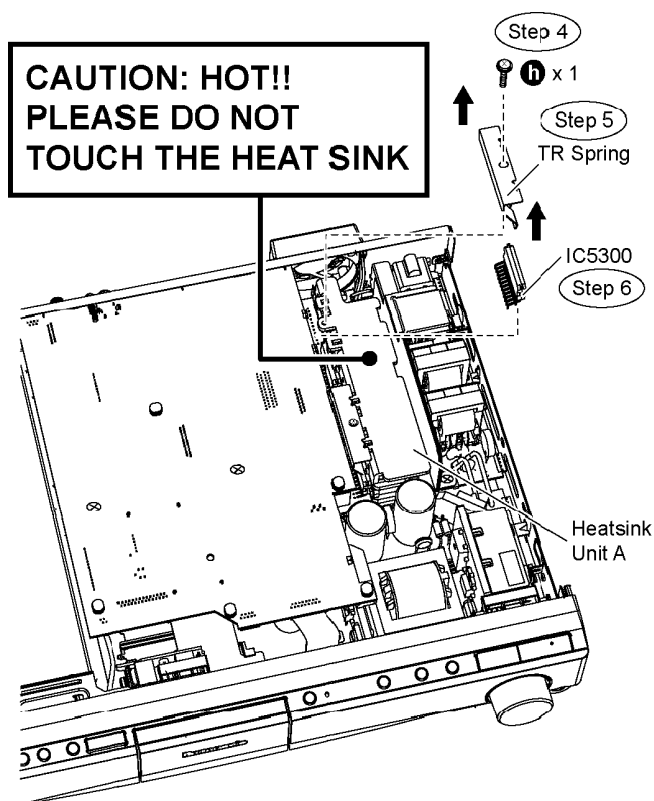


Step 2 Remove 1 screw.

Step 3 Remove the TR spring in the direction of arrows.

Step 4 Remove the digital amp IC (IC5300) from the heatsink unit A.

Caution: Handle the heatsink unit A with caution due to its high temperature after prolonged use. Touching it may lead to injuries.



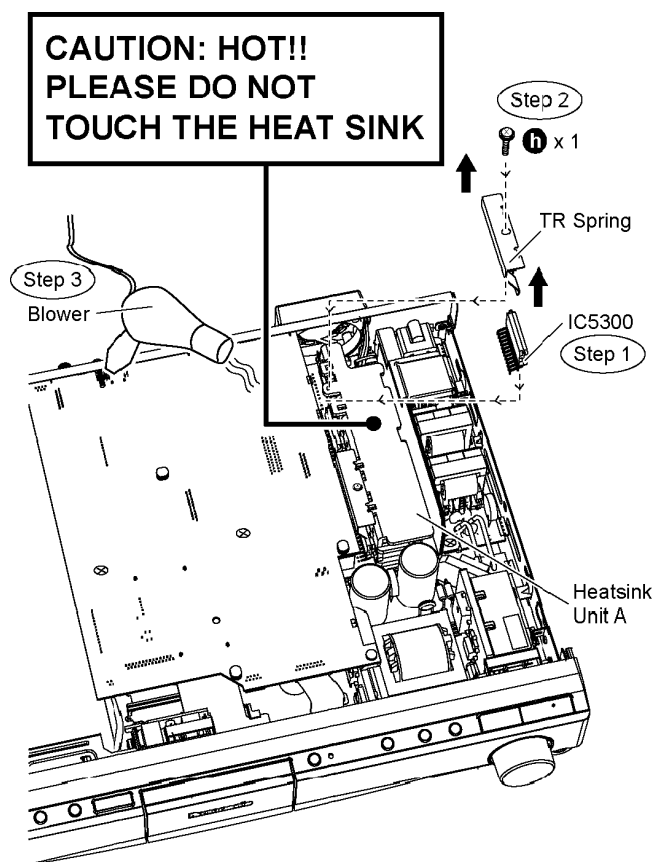
Note: Refer to the diagrams of D-Amp P.C.B. (Item 20.4.) for location of the part.

8.16.1. Assembly of Digital Amp IC (IC5300)

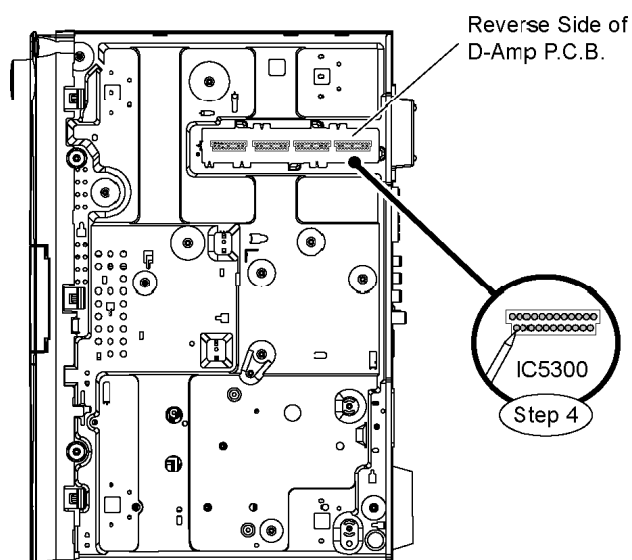
Step 1 Fix the digital amp IC (IC5300) to the heatsink unit A.

Step 2 Screw the TR spring to the heatsink unit A.

Step 3 Use a blower to remove the minute particles that might be caused after the process of the screwing TR spring to the heatsink unit A.



Step 4 Solder pins of the digital amp IC (IC5300) on the reverse side of D-Amp P.C.B.



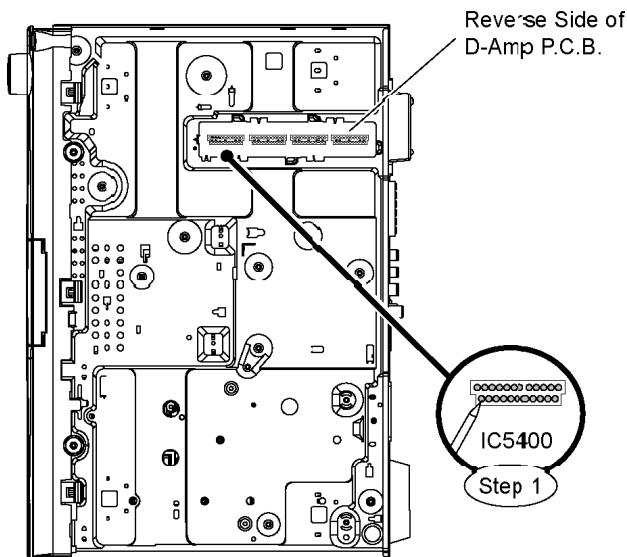
Special Note: Ensure pins of the digital amp IC (IC5300) are properly seated and soldered on D-Amp P.C.B.

Step 5 Follow (Step 5) to (Step 6) of Item 9.15.1.

8.17. Replacement of Digital Amp IC (IC5400)

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 2) of Item 8.17.

Step 1 Desolder pins of the digital amp IC (IC5400) on the reverse side of D-Amp P.C.B.



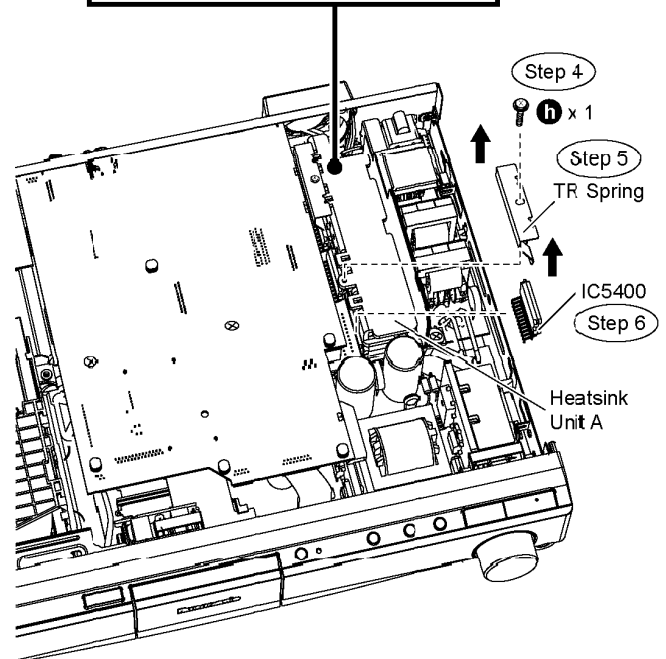
Step 2 Remove 1 screw at the TR spring.

Step 3 Remove the TR spring in the direction of arrows.

Step 4 Remove the digital amp IC (IC5400) from the heatsink unit A.

Caution: Handle the heatsink unit A with caution due to its high temperature after prolonged use. Touching it may lead to injuries.

**CAUTION: HOT!!
PLEASE DO NOT
TOUCH THE HEAT SINK**



Note: Refer to the diagrams of D-Amp P.C.B. (Item 20.4.) for location of the part.

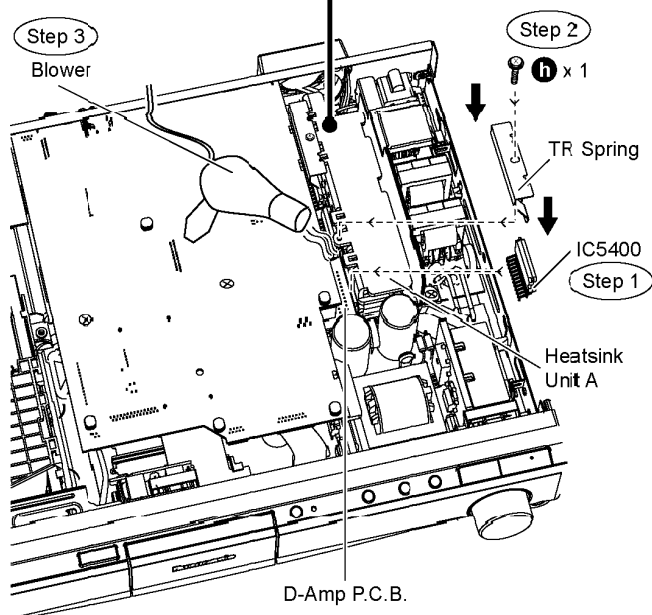
8.17.1. Assembly of Digital Amp IC (IC5400)

Step 1 Fix the digital amp IC (IC5400) to the heatsink unit A.

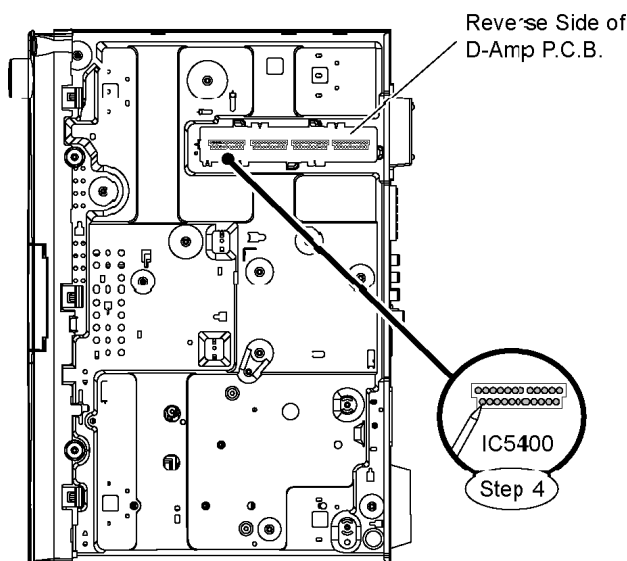
Step 2 Screw the TR spring to the heatsink unit A.

Step 3 Use a blower to remove the minute particles that might be caused after the process of the screwing TR spring to the heatsink unit A.

**CAUTION: HOT!!
PLEASE DO NOT
TOUCH THE HEAT SINK**



Step 4 Solder pins of the digital amp IC (IC5400) on the reverse side of D-Amp P.C.B.



Special Note: Ensure pins of the digital amp IC (IC5400) are properly seated and soldered on D-Amp P.C.B.

Step 5 Follow (Step 5) to (Step 6) of Item 9.14.1

8.18. Disassembly of SMPS P.C.B.

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 7) of Item 8.13.

Step 1 Move aside Main P.C.B. and position it according to the diagram shown.

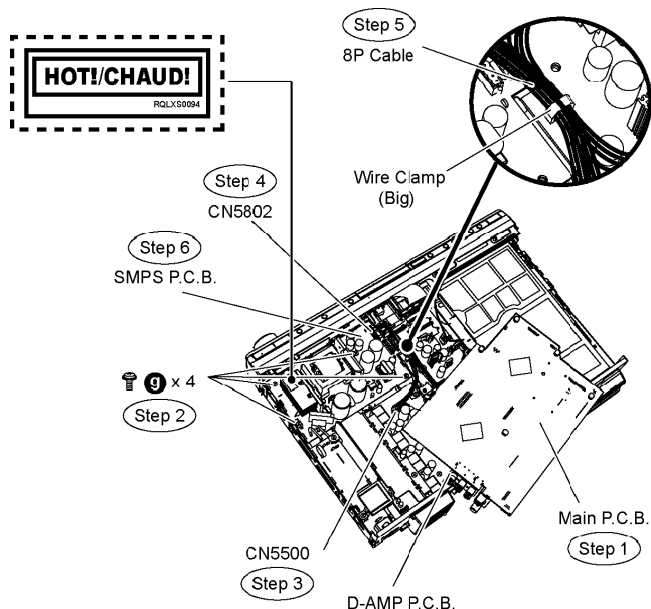
Step 2 Remove 4 screws on SMPS P.C.B.

Step 3 Detach 8P cable at the connector (CN5500) on D-Amp P.C.B.

Step 4 Detach 11P cable at the connector (CN5802) on SMPS P.C.B.

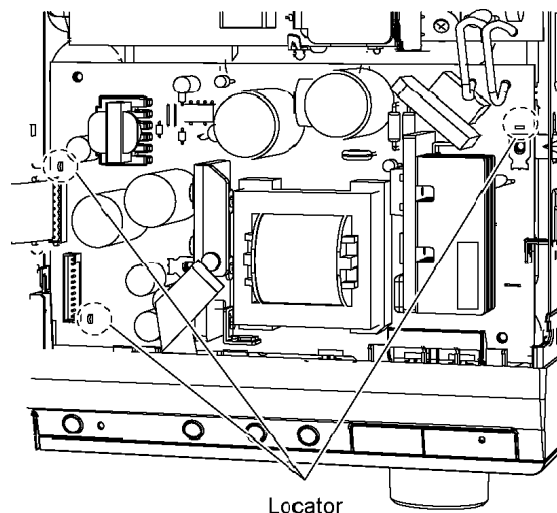
Step 5 Remove 8P cable (SMPS P.C.B. to D-Amp P.C.B.) from the big wire holder.

Step 6 Remove SMPS P.C.B.



Caution: Handle the heatsink unit B with caution due to its high temperature after prolonged use. Touching it may lead to injuries.

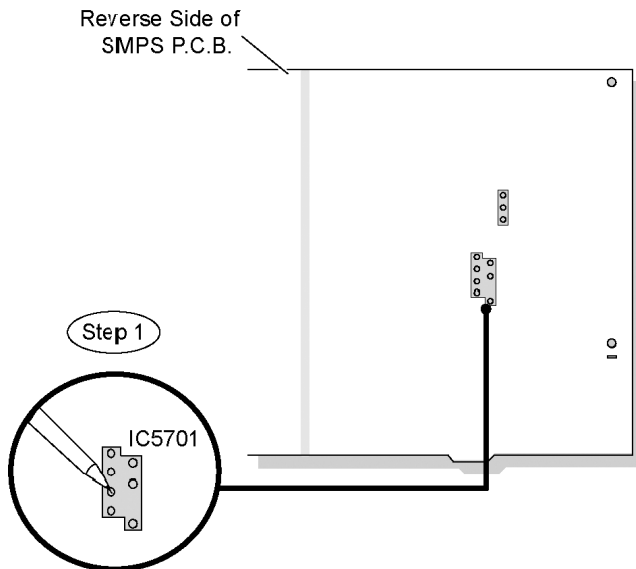
Special Note: During reassembling procedures, ensure the P.C.B. is seated properly at the locators.



8.19. Replacement of Switch Regulator IC (IC5701)

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 7) of Item 8.12.
- Follow (Step 1) to (Step 6) of Item 8.18.

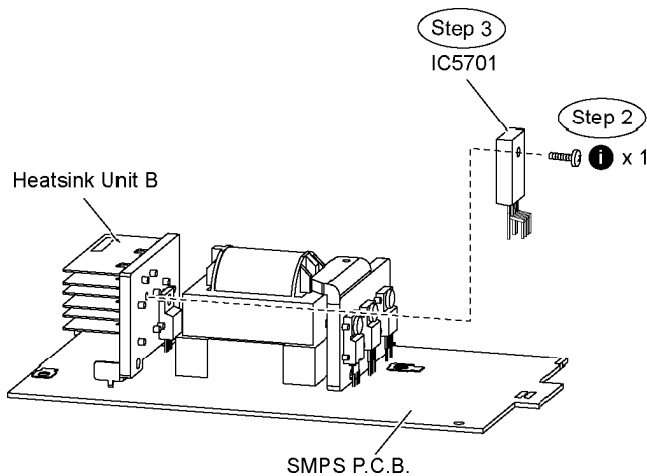
Step 1 Desolder pins of the switch regulator IC (IC5701) on the reverse side of SMPS P.C.B.



Step 2 Remove 1 screw from the switch regulator IC (IC5701).

Step 3 Remove the switch regulator IC (IC5701) from the heatsink unit B.

Caution: Handle the heatsink unit B with caution due to its high temperature after prolonged use. Touching it may lead to injuries.



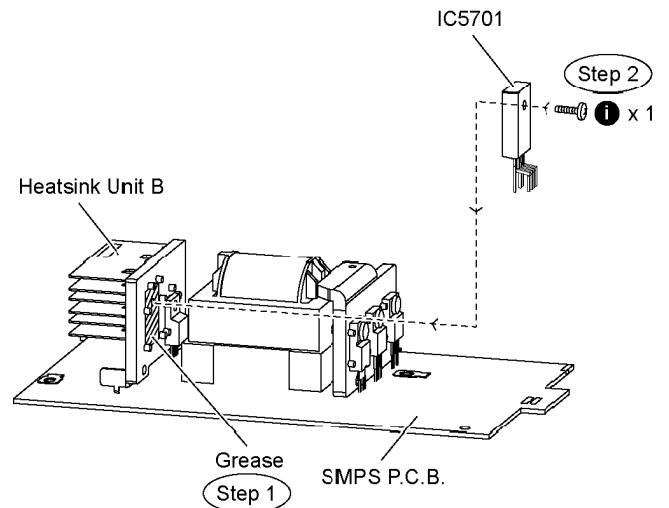
Note: Refer to the diagrams of SMPS P.C.B. (Item 20.5.) for location of the part.

8.19.1. Assembly of Switch Regulator IC (IC5701)

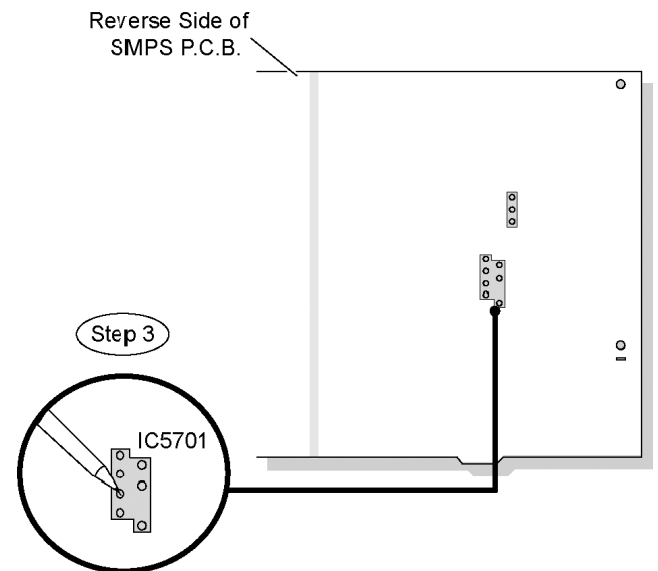
Step 1 Apply grease to the heatsink unit B.

Step 2 Fix and screw the switch regulator IC (IC5701) to the heatsink unit B.

Special Note: Ensure the switch regulator IC (IC5701) is tightly screwed to the heatsink unit B.



Step 3 Solder pins of the switch regulator IC (IC5701) on the reverse side of SMPS P.C.B.



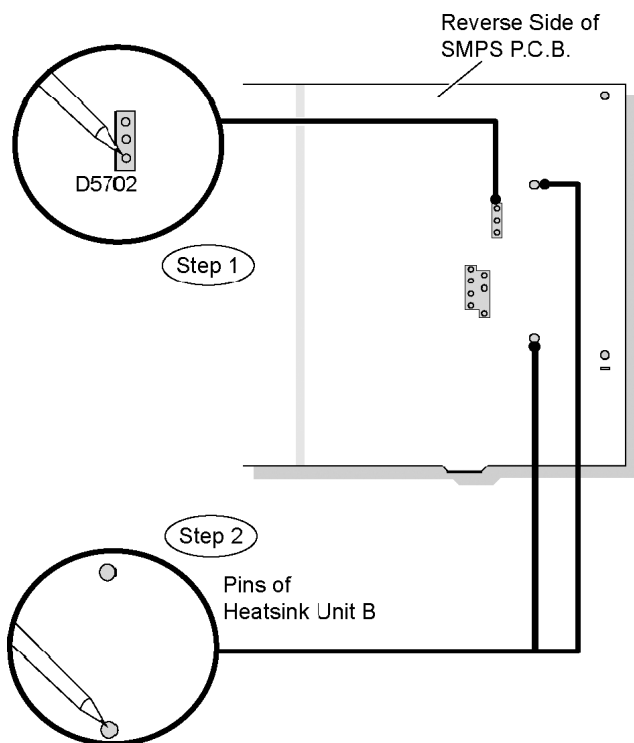
Special Note: Ensure pins of the switch regulator IC (IC5701) are properly seated and soldered on SMPS P.C.B.

8.20. Replacement of Switch Regulator Diode (D5702)

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 7) of Item 8.12.
- Follow (Step 1) to (Step 6) of Item 8.18.

Step 1 Desolder pins of the switch regulator diode (D5702) on the reverse side of SMPS P.C.B.

Step 2 Desolder pins of the heatsink unit B.



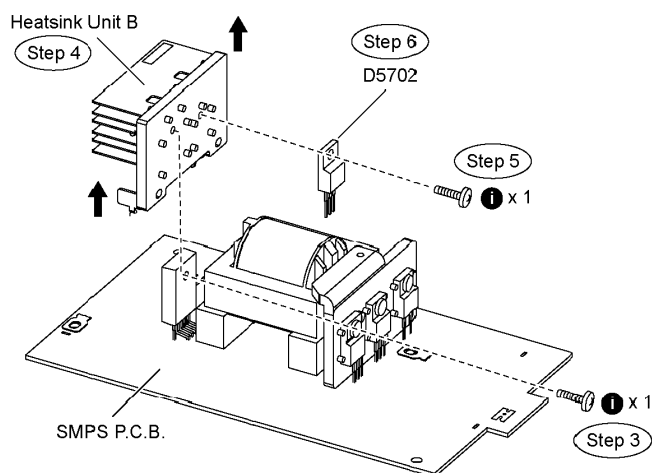
Step 3 Remove 1 screw from the switch regulator IC (IC5701).

Step 4 Remove the heatsink unit B in the direction of arrows.

Step 5 Remove 1 screw from the switch regulator diode. (D5702).

Step 6 Remove the switch regulator diode (D5702) from the heatsink unit B.

Caution: Handle the heatsink unit B with caution due to its high temperature after prolonged use. Touching it may lead to injuries.



Note: Refer to the diagrams of SMPS P.C.B. (Item 20.5.) for location of the part.

8.20.1. Assembly of Switch Regulator Diode (D5702)

Step 1 Apply grease to the heatsink unit B.

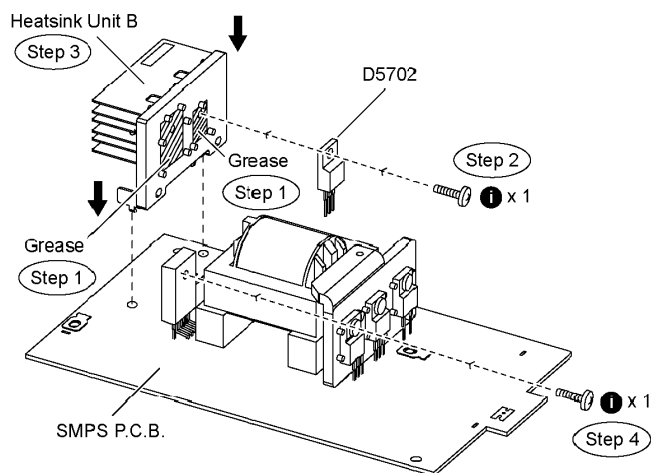
Step 2 Fix and screw the switch regulator diode (D5702) to the

heatsink unit B.

Special Note: Ensure the switch regulator diode (D5702) is tightly screwed to the heatsink unit B.

Step 3 Fix the heatsink unit B on SMPS P.C.B. in the direction of arrows.

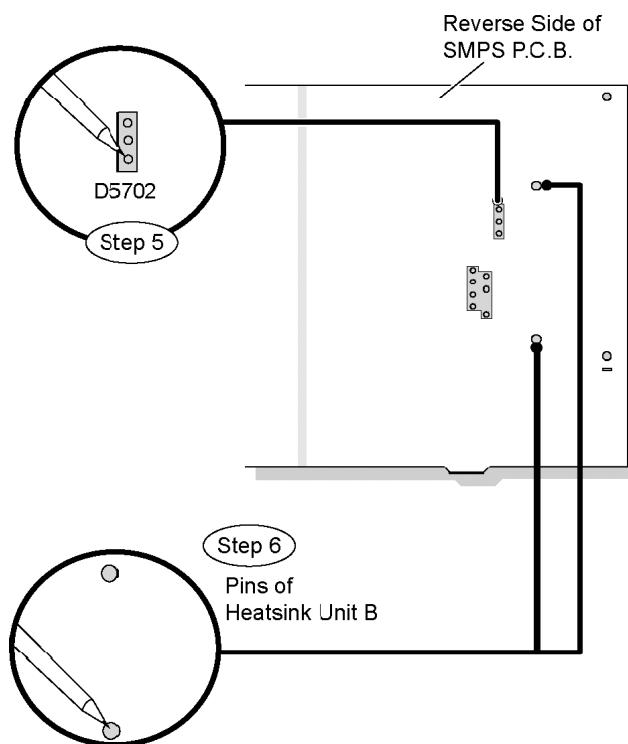
Step 4 Fix and screw the switch regulator IC (IC5701) to the heatsink unit B



Special Note: Ensure the heatsink unit B is properly seated on SMPS P.C.B.

Step 5 Solder pins of the switch regulator diode (D5702) on the reverse side of SMPS P.C.B.

Step 6 Solder pins of the heatsink unit B on the reverse side of SMPS P.C.B.

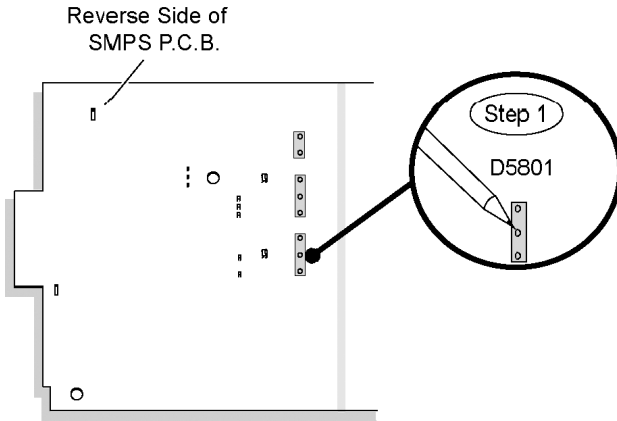


Special Note: Ensure pins of the switch regulator diode (D5702) are properly seated and soldered on SMPS P.C.B.

8.21. Replacement of Regulator Diode (D5801)

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 7) of Item 8.12.
- Follow (Step 1) to (Step 6) of Item 8.18.

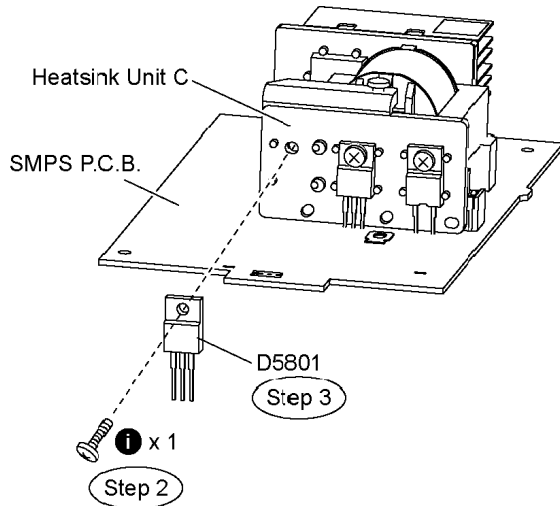
Step 1 Desolder pins of the regulator diode (D5801) on the reverse side of SMPS P.C.B.



Step 2 Remove 1 screw from the regulator diode (D5801).

Step 3 Remove the regulator diode (D5801) from the heatsink unit C.

Caution: Handle the heatsink unit C with caution due to its high temperature after prolonged use. Touching it may lead to injuries.



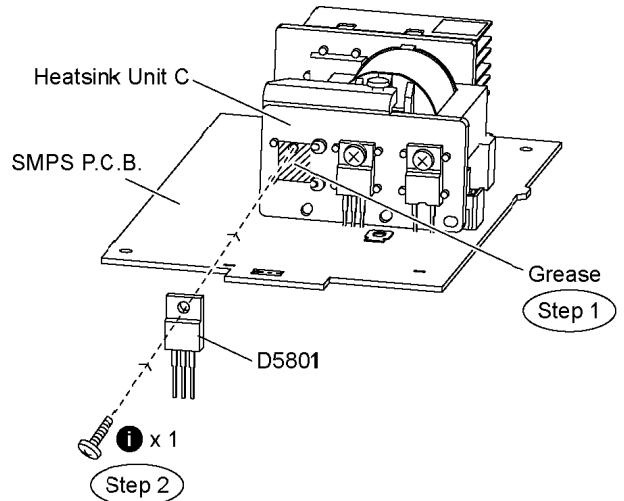
Note: Refer to the diagrams of SMPS P.C.B. (Item 20.5.) for location of the part.

8.21.1. Assembly of Regulator Diode (D5801)

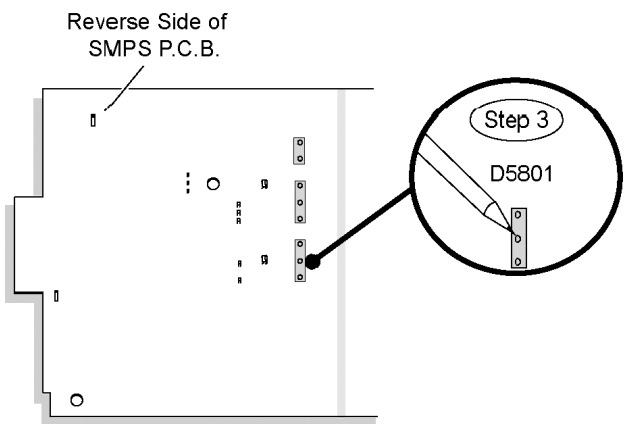
Step 1 Apply grease to the heatsink unit C.

Step 2 Fix and screw the regulator diode (D5801) to the heatsink unit C.

Special Note: Ensure the regulator diode (D5801) is tightly screwed to the heatsink unit C.



Step 3 Solder pins of the regulator diode (D5801) on the reverse side of SMPS P.C.B.

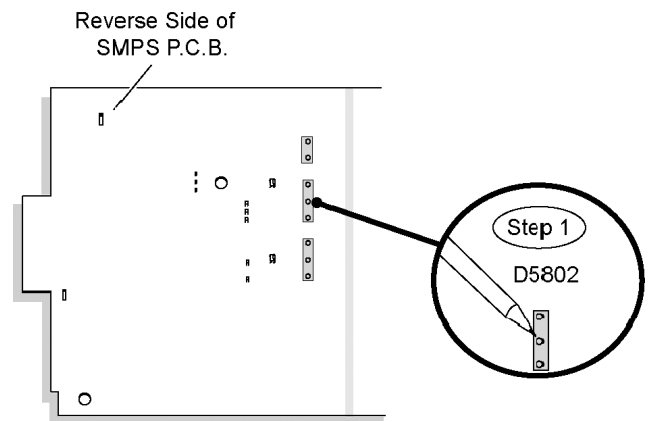


Special Note: Ensure pins of the regulator diode (D5801) are properly seated and soldered on SMPS P.C.B.

8.22. Replacement of Regulator Diode (D5802)

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 7) of Item 8.12.
- Follow (Step 1) to (Step 6) of Item 8.18.

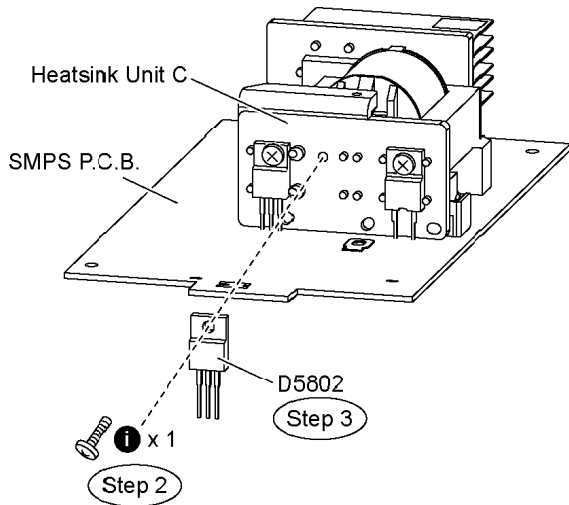
Step 1 Desolder pins of the regulator diode (D5802) on the reverse side of SMPS P.C.B.



Step 2 Remove 1 screw from the regulator diode (D5802).

Step 3 Remove the regulator diode (D5802) from the heatsink unit C.

Caution: Handle the heatsink unit C with caution due to its high temperature after prolonged use. Touching it may lead to injuries.



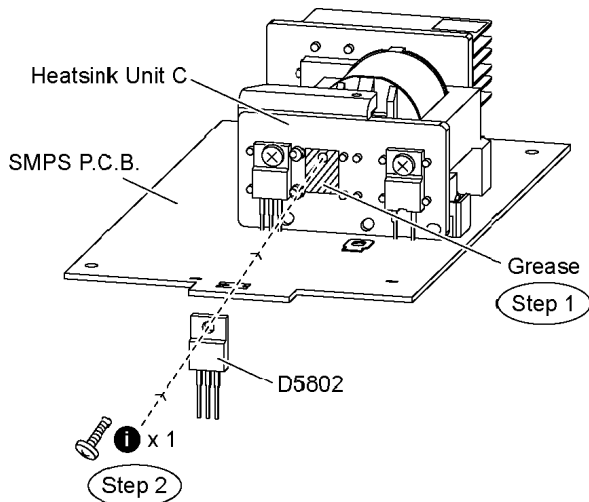
Note: Refer to the diagrams of SMPS P.C.B. (Item 20.5) for location of the part.

8.22.1. Assembly of Regulator Diode (D5802)

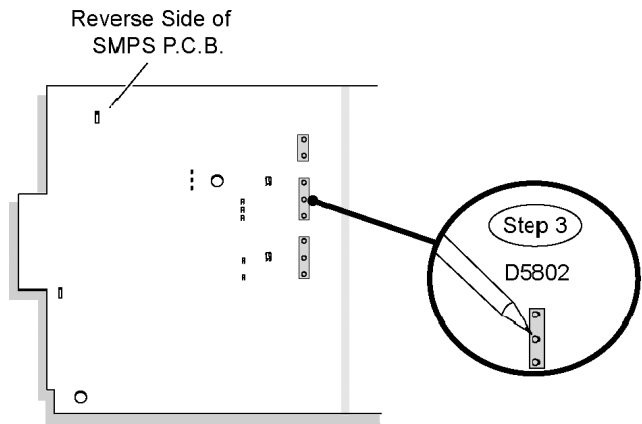
Step 1 Apply grease to the heatsink unit C.

Step 2 Fix and screw the regulator diode (D5802) to the heatsink unit C.

Special Note: Ensure the regulator diode (D5802) is tightly screwed to the heatsink unit C.



Step 3 Solder pins of the regulator diode (D5802) on the reverse side of SMPS P.C.B.

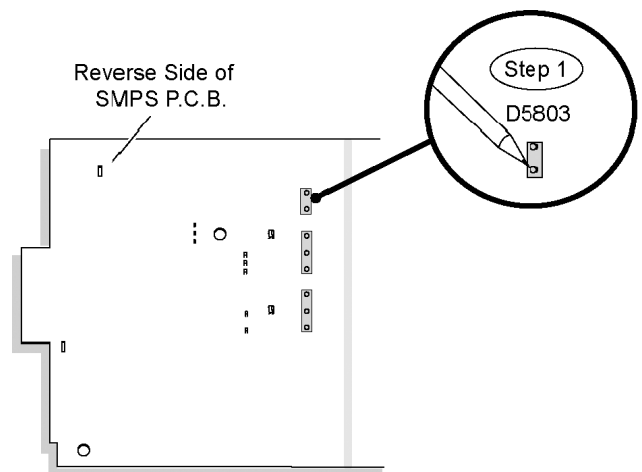


Special Note: Ensure pins of the regulator diode (D5802) are properly seated and soldered on SMPS P.C.B.

8.23. Replacement of Regulator Diode (D5803)

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 7) of Item 8.12.
- Follow (Step 1) to (Step 6) of Item 8.18.

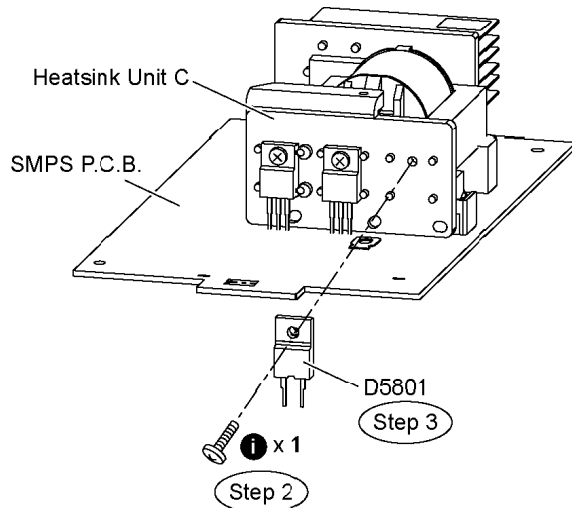
Step 1 Desolder pins of the regulator diode (D5803) on the reverse side of SMPS P.C.B.



Step 2 Remove 1 screw from the regulator diode (D5803).

Step 3 Remove the regulator diode (D5803) from the heatsink unit C.

Caution: Handle the heatsink unit C with caution due to its high temperature after prolonged use. Touching it may lead to injuries.



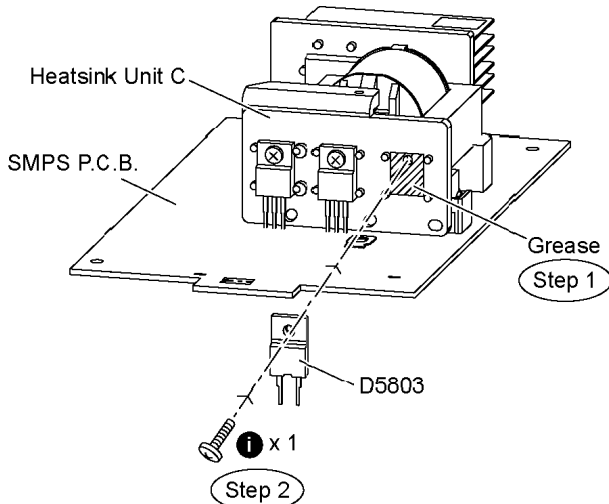
Note: Refer to the diagrams of SMPS P.C.B. (Item 20.5.) for location of the part.

8.23.1. Assembly of Regulator Diode (D5803)

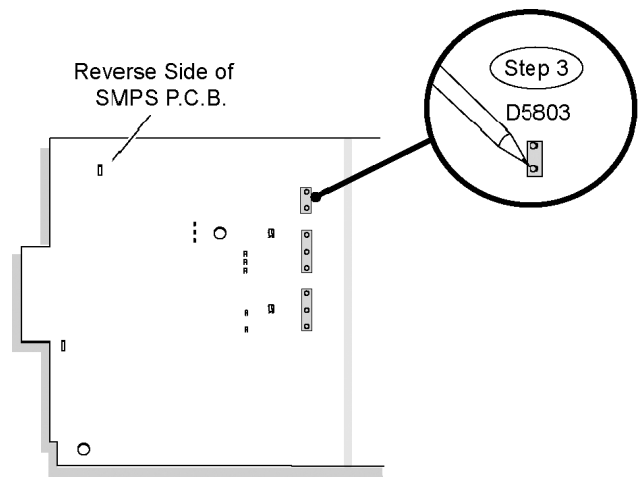
Step 1 Apply grease to the heatsink unit C.

Step 2 Fix and screw the regulator diode (D5803) to the heatsink unit C.

Special Note: Ensure the regulator diode (D5803) is tightly screwed to the heatsink unit C.



Step 3 Solder pins of the regulator diode (D5803) on the reverse side of SMPS P.C.B.



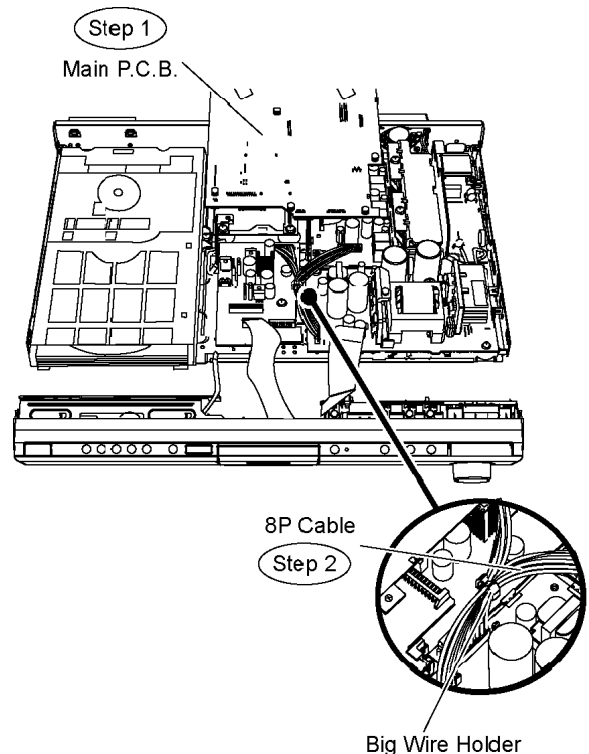
Special Note: Ensure pins of the regulator diode (D5803) are properly seated and soldered on SMPS P.C.B.

8.24. Disassembly of Power Supply P.C.B.

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 5) of Item 8.6.
- Follow (Step 1) to (Step 8) of Item 8.12.

Step 1 Move aside Main P.C.B. and position it according to the diagram shown.

Step 2 Remove 8P cable (SMPS P.C.B. to D-Amp P.C.B.) from the big wire holder.



Step 3 Remove 2 screws on Power Supply P.C.B.

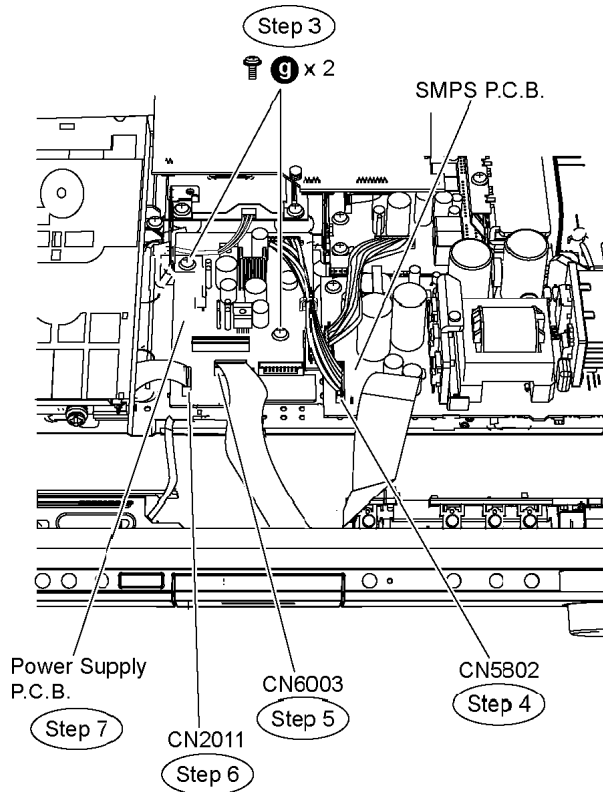
Step 4 Detach 11P cable at the connector (CN5802) on SMPS P.C.B.

Step 5 Detach 14P FFC cable at the connector (CN6003) on the Power Supply P.C.B.

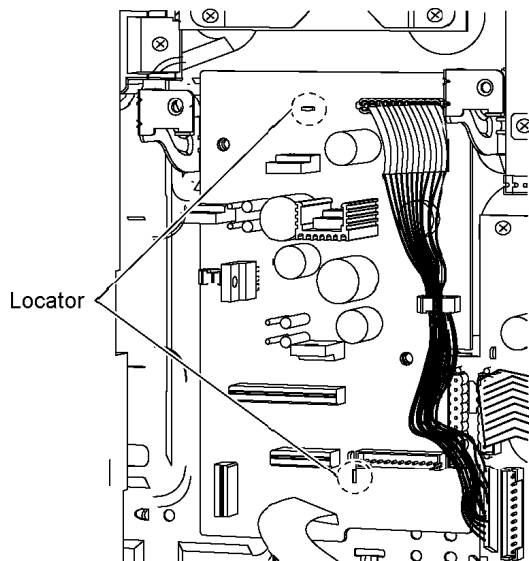
Step 6 Detach 11P FFC cable at the connector (CN2011) on

the Power Supply P.C.B.

Step 7 Remove Power Supply P.C.B.



Special Note: During reassembling procedures, ensure the P.C.B. is seated properly at the locators.

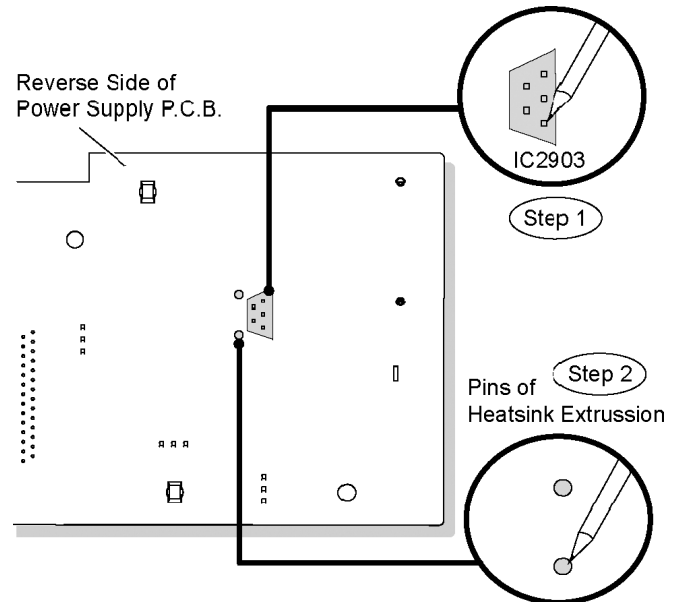


8.25. Replacement of Regulator IC (IC2903)

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 5) of Item 8.6.
- Follow (Step 1) to (Step 7) of Item 8.12.
- Follow (Step 1) to (Step 7) of Item 8.24.

Step 1 Desolder pins of the regulator IC (IC2903) on the reverse side of Power Supply P.C.B.

Step 2 Desolder pins of the heatsink extrusion.

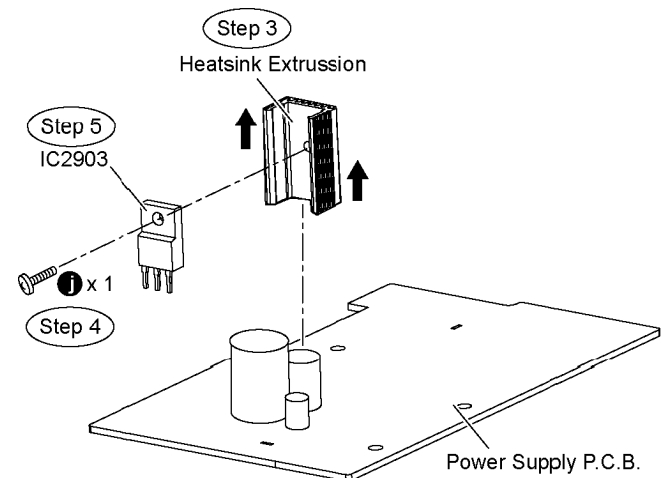


Step 3 Remove the heatsink extrusion in the direction of arrows.

Step 4 Remove 1 screw from the regulator IC (IC2903).

Step 5 Remove the regulator IC (IC2903) from the heatsink extrusion.

Caution: Handle the heatsink extrusion with caution due to its high temperature after prolonged use. Touching it may lead to injuries.



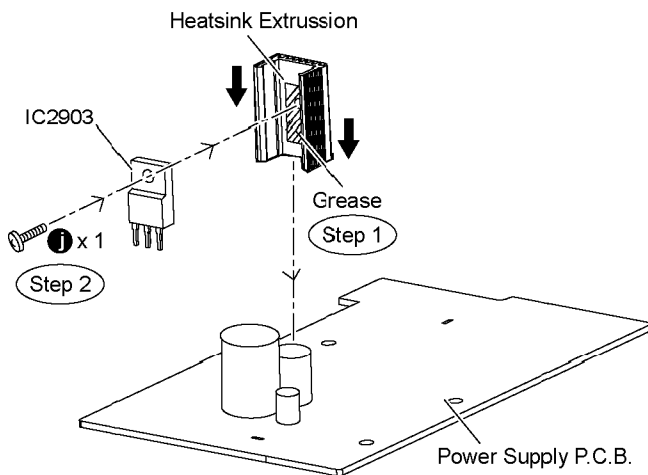
Note: Refer to the diagrams of Power Supply P.C.B. (Item 20.3.) for location of the part.

8.25.1. Assembly of Regulator IC (IC2903)

Step 1 Apply grease to the heatsink extrusion.

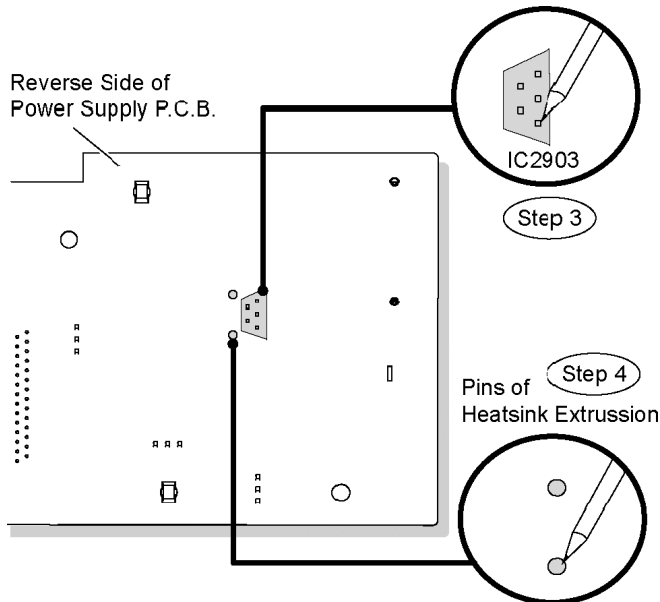
Step 2 Fix and screw the regulator IC (IC2903) to the heatsink extrusion.

Special Note: Ensure the regulator IC (IC2903) is tightly screwed to the heatsink extrusion.



Step 3 Solder pins of the regulator IC (IC2903) on the reverse side of Power Supply P.C.B.

Step 4 Solder pins of the heatsink extrusion on the reverse side of Power Supply P.C.B.

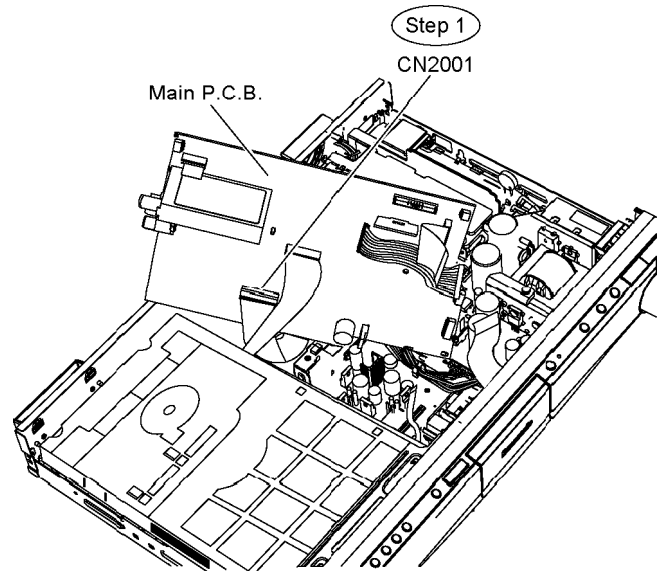


Special Note: Ensure pins of the regulator IC (IC2903) are properly seated and soldered on Power Supply P.C.B.

8.26. Disassembly of DVD Module P.C.B.

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 9) of Item 8.12.

Step 1 Detach 50P FFC cable at the connector (CN2001) on Main P.C.B.

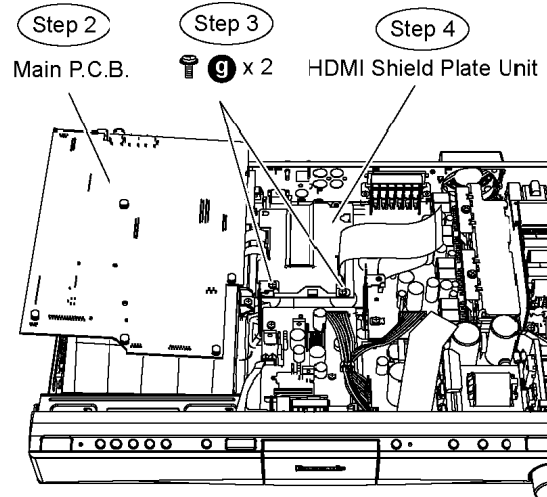


Step 2 Move aside Main P.C.B. and position it according to the diagram shown.

- Disassembly at HDMI Shield Plate Unit

Step 3 Remove 2 screws from the HDMI shield plate unit.

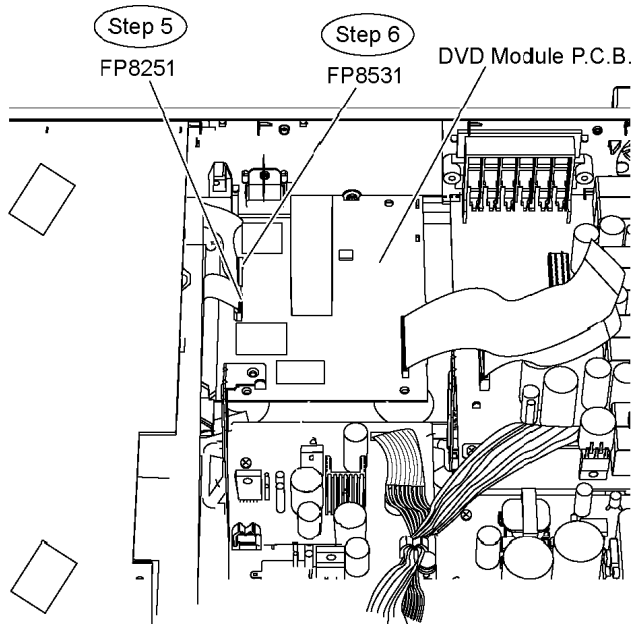
Step 4 Remove the HDMI shield plate unit.



Caution Note: Keep the HDMI shield plate unit in safe place. Avoid denting it. Place it back during assembling.

Step 5 Detach 7P cable at the connector (FP8251) on DVD Module P.C.B.

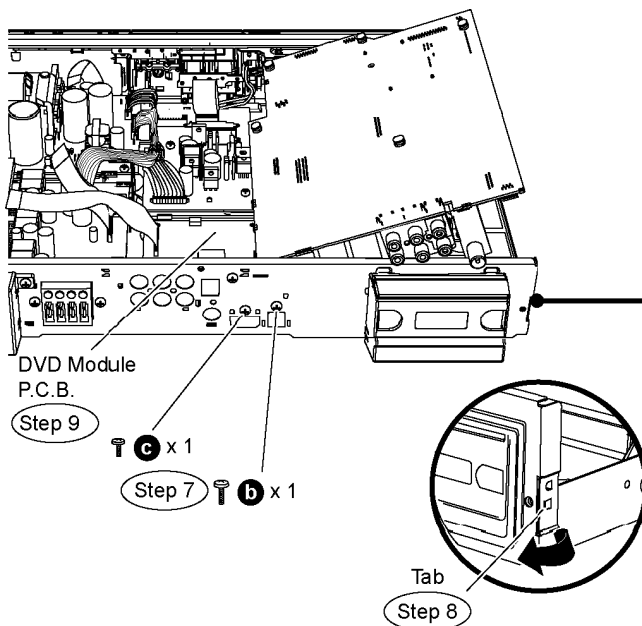
Step 6 Detach 26P cable at the connector (FP8531) on DVD Module P.C.B.



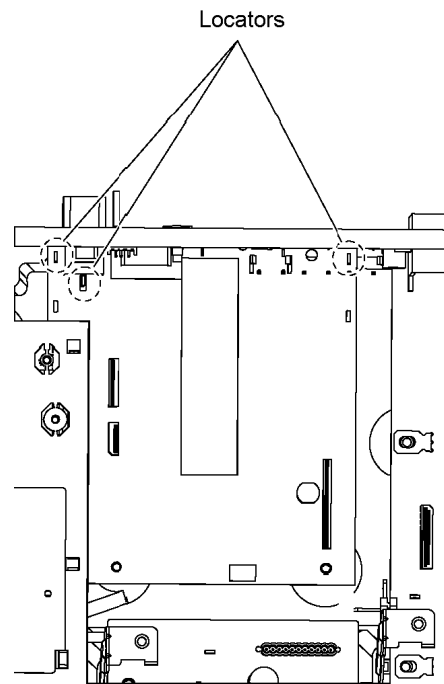
Step 7 Remove 2 screws at the rear panel.

Step 8 Release the tab of the rear panel in the direction of arrow.

Step 9 Remove DVD Module P.C.B.



Special Note: During reassembling procedures, ensure the P.C.B. is seated properly at the locators.

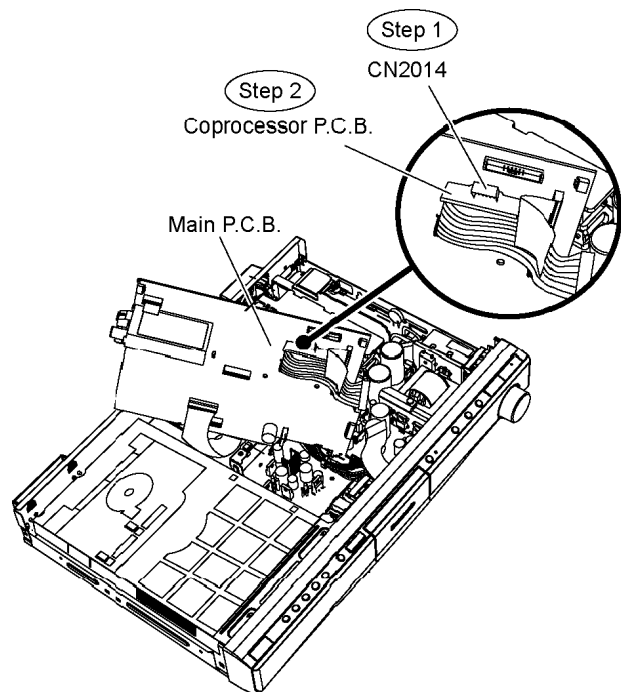


8.27. Disassembly of Coprocessor P.C.B.

- Follow (Step 1) to (Step 3) of Item 8.3.
- Follow (Step 1) to (Step 8) of Item 8.12.

Step 1 Detach Coprocessor P.C.B. at the connector (CN2014) on Main P.C.B.

Step 2 Remove Coprocessor P.C.B.

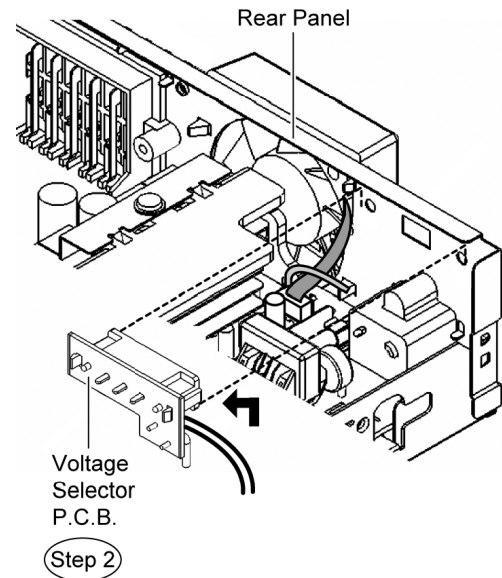
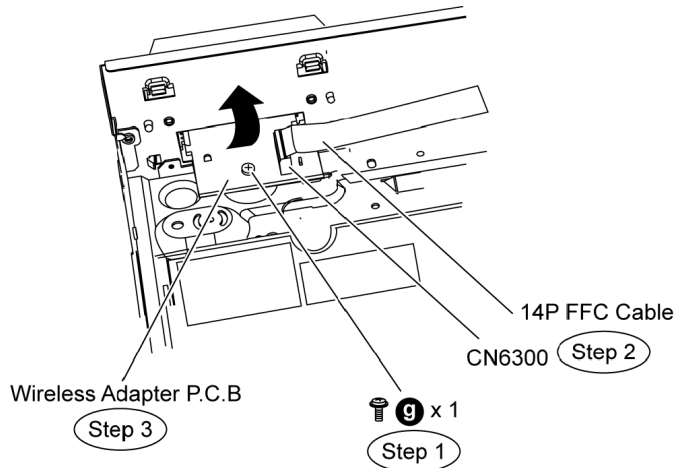


8.28. Disassembly of Wireless Adapter P.C.B.

Step 1 Remove 1 screw on Wireless Adapter P.C.B.

Step 2 Detach 14P FFC cable at the connector (CN6300) on wireless Adapter P.C.B.

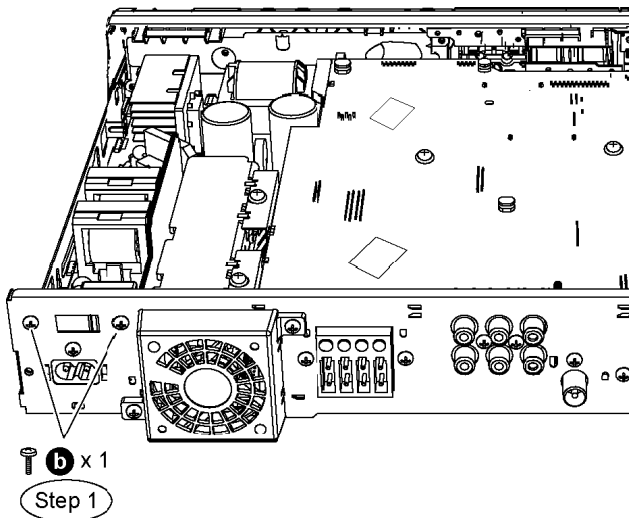
Step 3 Remove the wireless adapter P.C.B in the direction of the arrow shown.



8.29. Disassembly of Voltage Selector P.C.B.

- Follow (Step 1) to (Step 3) of Item 8.3.

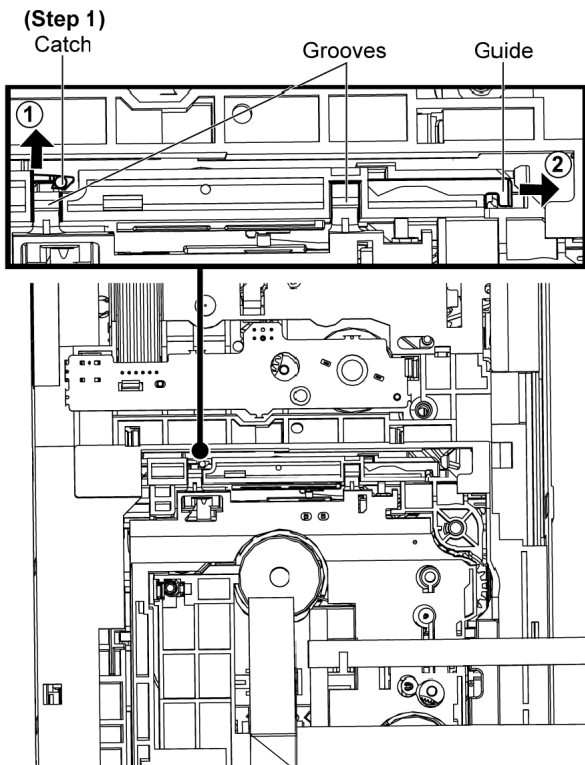
Step 1 Remove 2 screws from the rear panel.



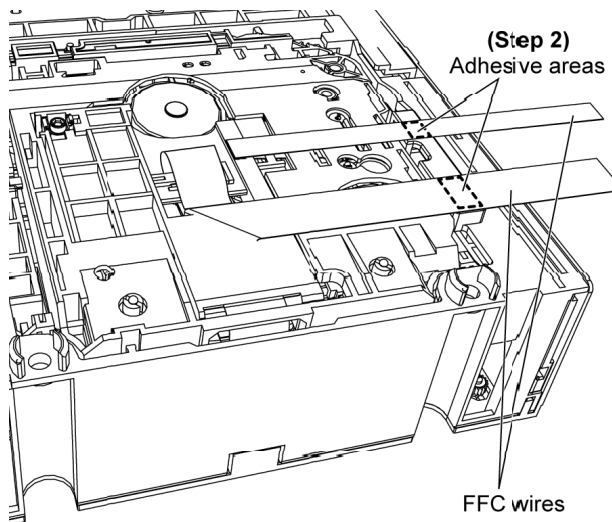
Step 2 Remove voltage selector P.C.B in the direction of arrow.

9 Assembling and Disassembling of Mechanism Unit (CR14)

9.1. Disassembly of TRV unit



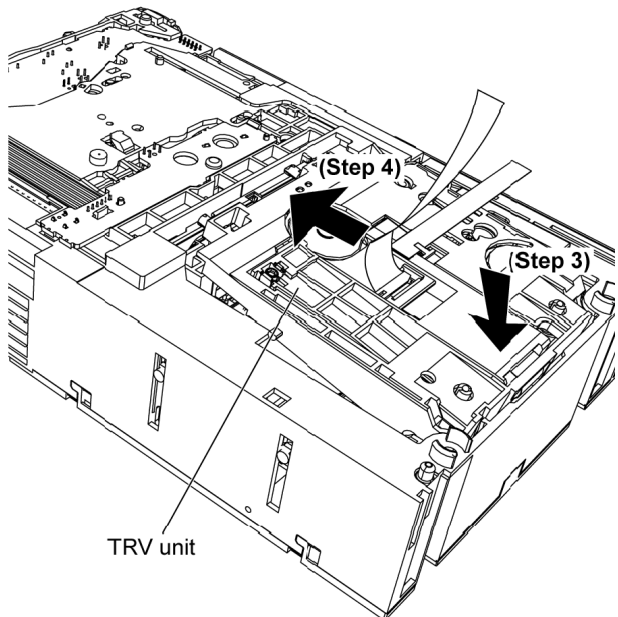
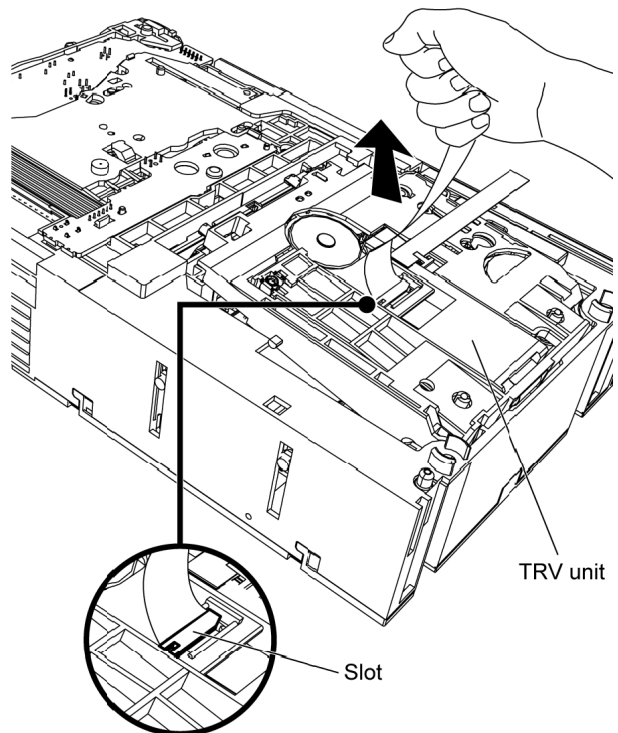
Step 1: Release the catch and push the guide as arrows shown to open both grooves.



Step 2: Detach the FFC wires from the adhesive areas.

Caution:

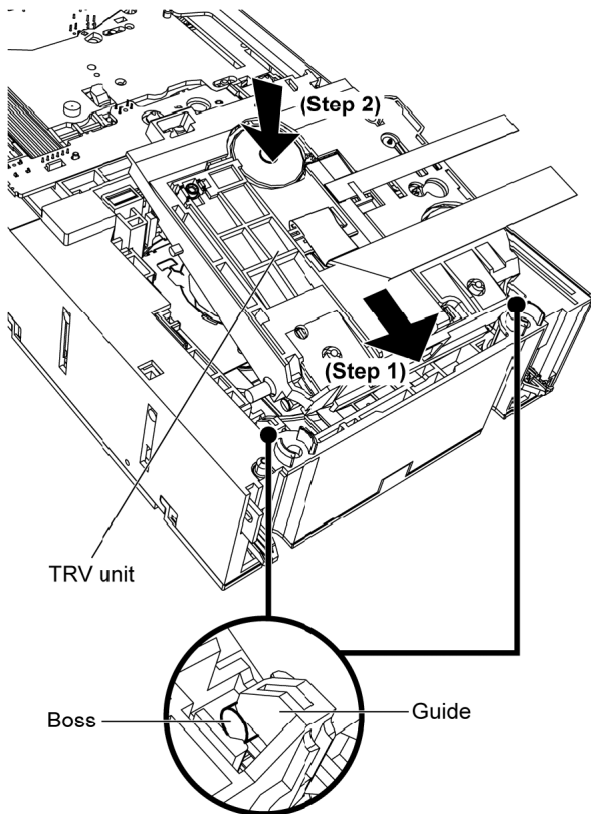
Do not pull the FFC wire to remove the TRV unit, as it may cause damage to the slot



Step 3: Press down the TRV unit.

Step 4: Remove the TRV unit as arrow shown.

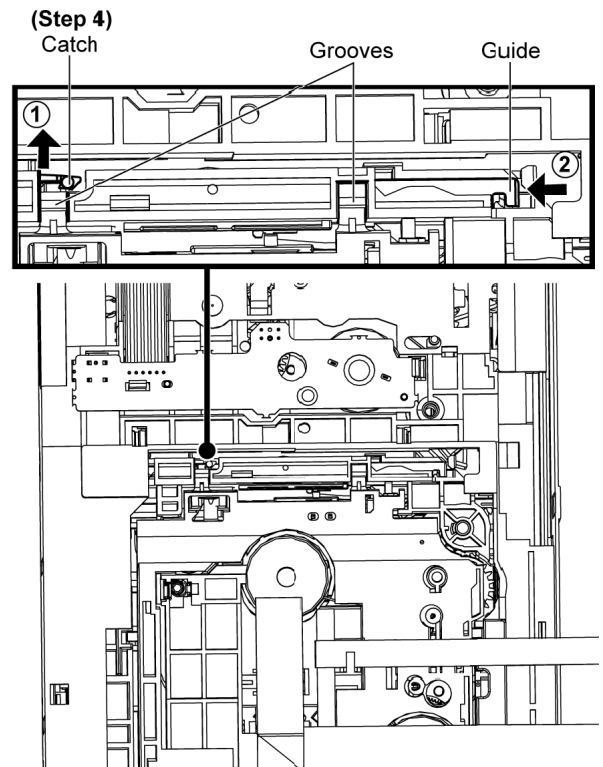
9.2. Assembly of TRV unit



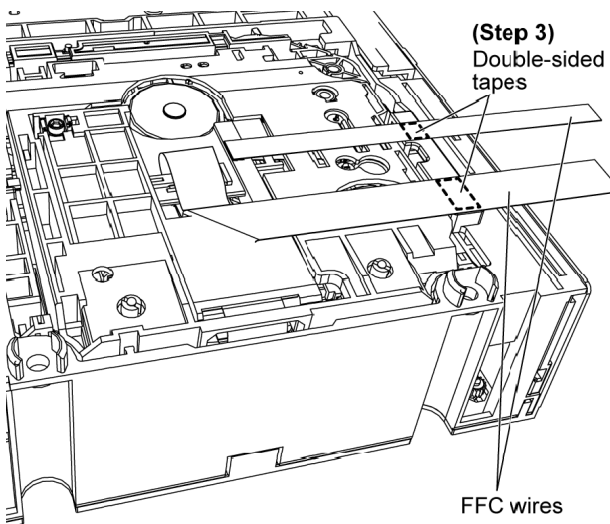
Step 1: Slot the TRV unit into the guides as arrow shown.

Note: Ensure the bosses fix exactly onto the guides.

Step 2: Place down the TRV unit.



Step 4: Release the catch and push the guide as arrows shown to close both grooves.



Step 3: Fix the FFC wires by using the double-sided tapes.

10 Service Fixture and Tools

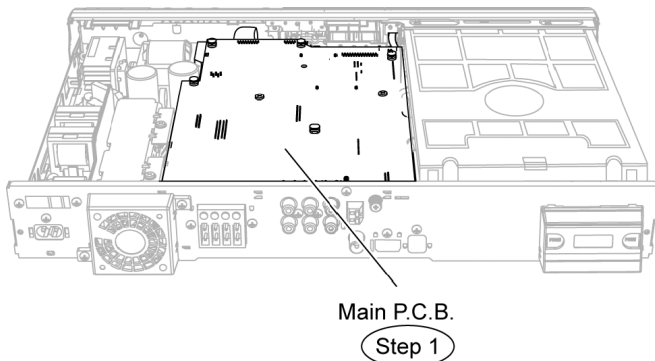
Prepare service tools before process service position.

Service Tools		Remarks
D-Amp P.C.B. (CN5500) - SMPS P.C.B. (H5801)	REXX0651 (8P cable)	[M](RTL)
Main P.C.B. (CN2009) - D-Amp P.C.B. (CN5050)	REEX0815 (17P cable)	[M](RTL)
Main P.C.B. (CN2015) - Power Supply P.C.B. (CN2016)	REXX0653-J (13P cable)	[M](RTL)

11 Service Position

11.1. Checking & Repairing Main P.C.B.

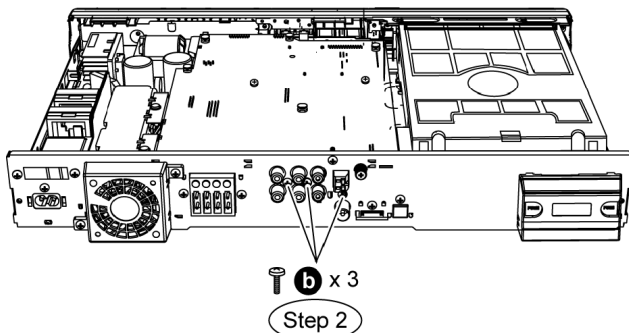
Step 1 Remove the top cabinet to service Main P.C.B.



11.2. Checking & Repairing D-Amp P.C.B.

Step 1 Remove the top cabinet.

Step 2 Remove 3 screws at the rear panel.



Step 3 Remove 2 screws on Main P.C.B.

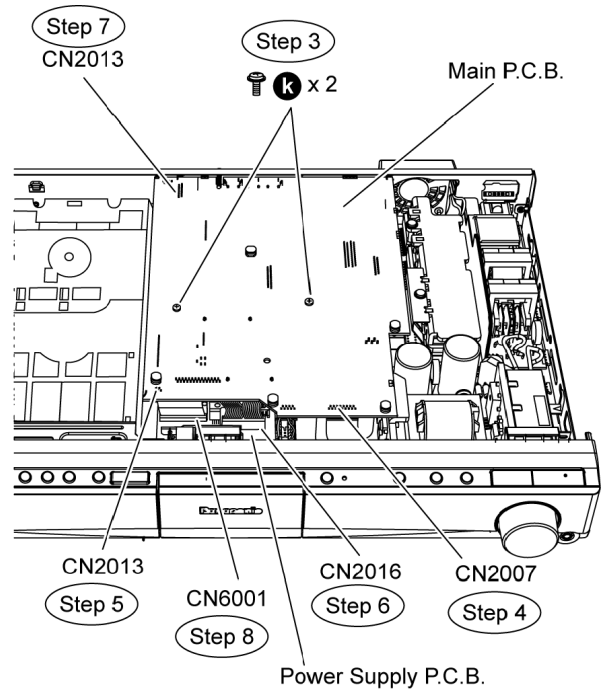
Step 4 Detach 17P cable at the connector (CN2007) on Main P.C.B.

Step 5 Detach 4P cable at the connector (CN2013) on Main P.C.B.

Step 6 Detach 14P cable at the connector (CN2003) on Main P.C.B.

Step 7 Detach 13P cable at the connector (CN2016) on Power Supply P.C.B.

Step 8 Detach 28P cable at the connector (CN6001) on Power Supply P.C.B.

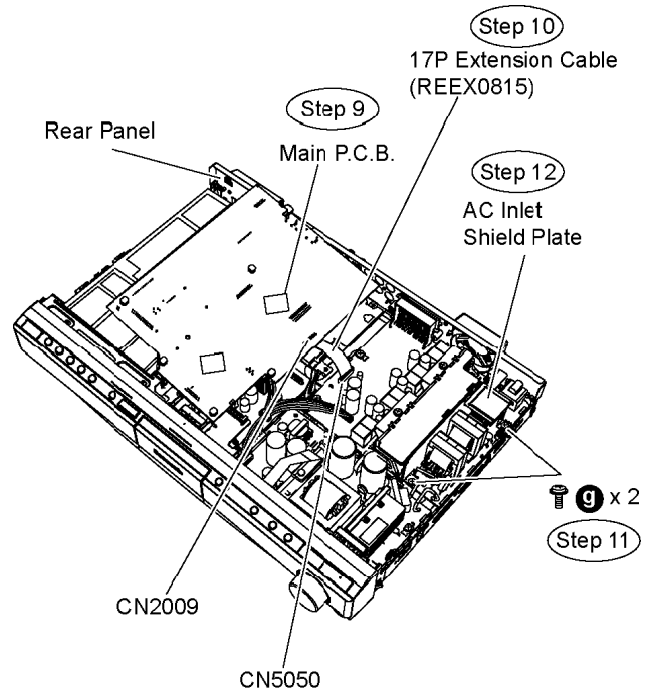


Step 9 Detach Main P.C.B. from the rear panel and position it according to the diagram show.

Step 10 Attach original cable with extension cable REEX0815 (17P cable from CN2009 to CN5050).

Step 11 Remove 2 screws from Ac inlet shield plate unit.

Step 12 Remove the AC Inlet shield plate unit.

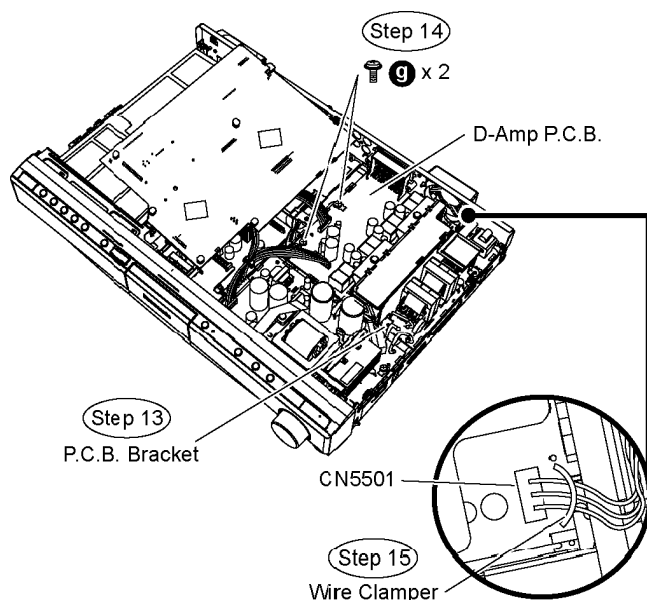


Step 13 Remove the P.C.B. bracket.

Caution Note: Keep the P.C.B. bracket in safe place. Avoid denting it. Place it back during assembling.

Step 14 Remove 2 screws on D-Amp P.C.B.

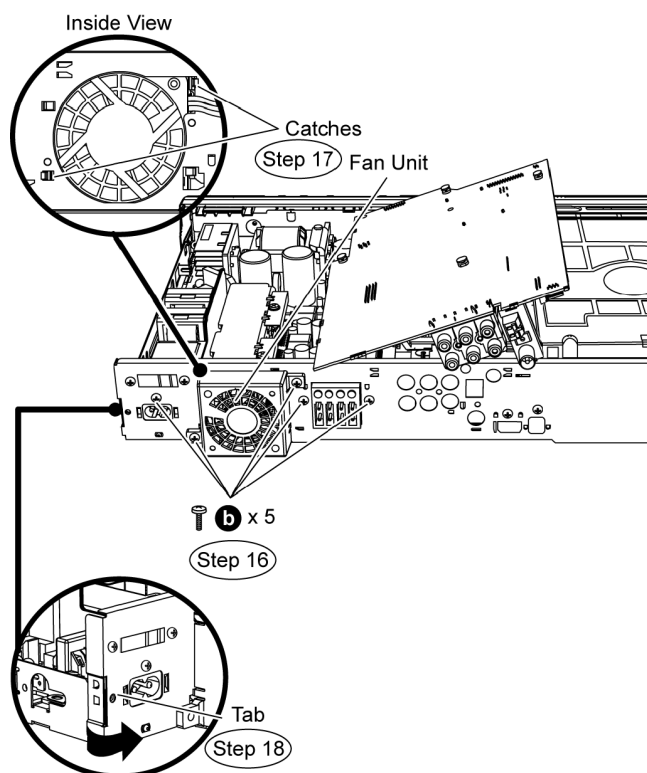
Step 15 Remove the wire clamper to detach 3P cable at the connector (CN5501) on D-Amp P.C.B.



Step 16 Remove 5 screws at the rear panel.

Step 17 Release the catches and remove the fan unit.

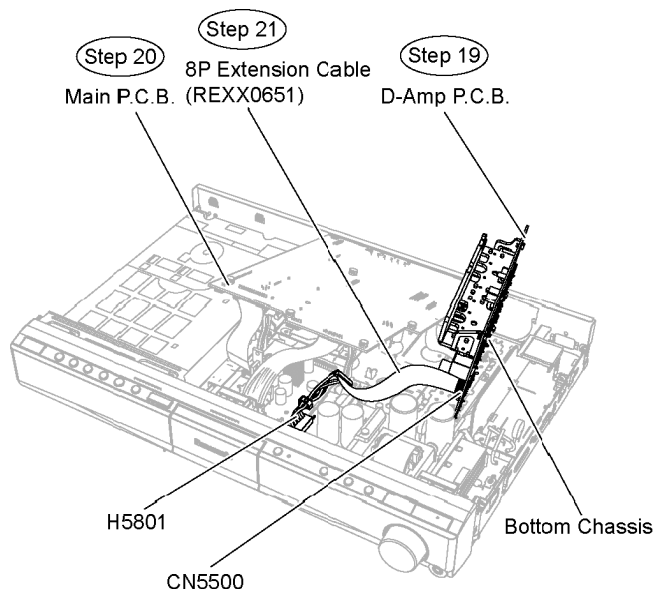
Step 18 Release the tab of the rear panel in the direction of arrow.



Step 19 Detach D-Amp P.C.B. from the bottom chassis and flip it vertically.

Step 20 Position Main P.C.B. according to the diagram shown.

Step 21 Attach original cable with extension cable REXX0651. (8P cable from H5801 to CN5500).



Caution Note: Ensure the cable is attached properly.

Step 22 Connect 13P cable at the connector (CN2016) on Power Supply P.C.B.

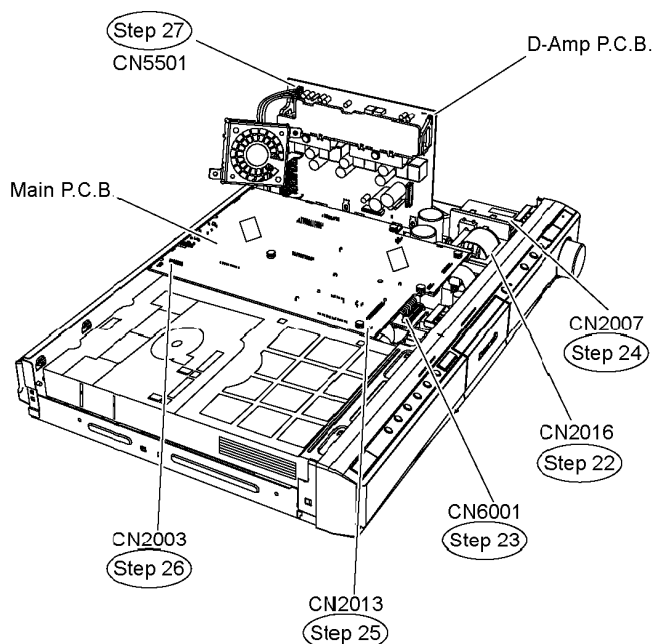
Step 23 Connect 28P cable at the connector (CN6001) on Power Supply P.C.B.

Step 24 Connect 17P cable at the connector (CN2007) on Main P.C.B.

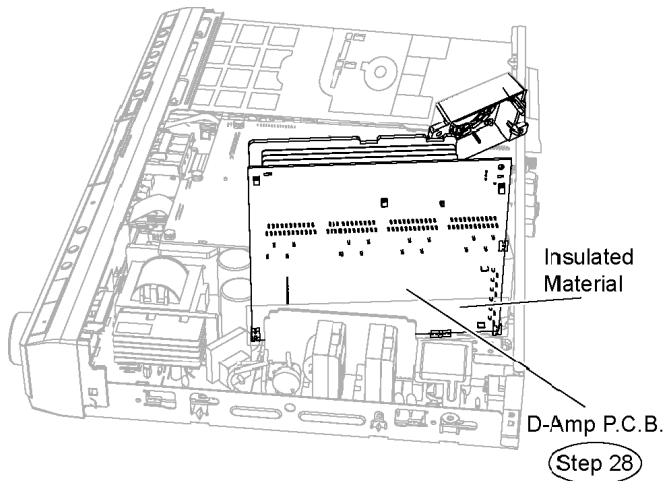
Step 25 Connect 4P cable at the connector (CN2013) on Main P.C.B.

Step 26 Connect the 14P cable at the connector (CN2003) on Main P.C.B.

Step 27 Connect the fan unit at the connector (CN5501) on D-Amp P.C.B.



Step 28 Position D-Amp P.C.B. with insulated material according to the diagram shown.



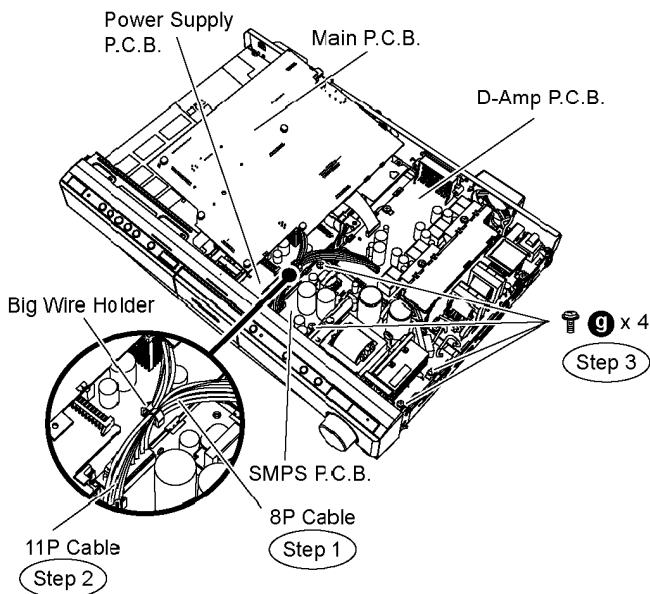
11.3. Checking & Repairing SMPS P.C.B.

- Follow (Step 1) to (Step 9) of Item 11.2.

Step 1 Remove the 8P cable (SMPS P.C.B. to D-Amp P.C.B.) from the big wire holder.

Step 2 Remove the 11P cable (SMPS P.C.B. to Power Supply P.C.B.) from the big wire holder.

Step 3 Remove 4 screws on SMPS P.C.B.



Step 4 Detach SMPS P.C.B. from the bottom chassis and flip it vertically.

Step 5 Position Main P.C.B. according to the diagram shown.

Step 6 Connect 13P cable at the connector (CN2016) on Power Supply P.C.B.

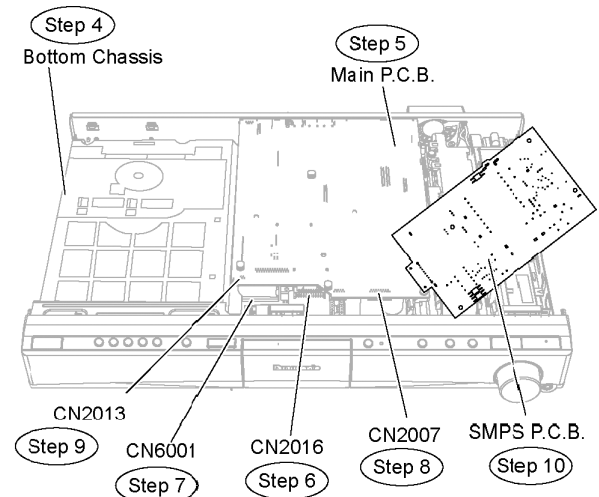
Step 7 Connect 28P cable at the connector (CN6001) on Power Supply P.C.B.

Step 8 Connect 17P cable at the connector (CN2007) on Main P.C.B.

Step 9 Connect 4P cable at the connector (CN2013) on Main P.C.B.

Step 10 Position SMPS P.C.B. according to the diagram

shown.



11.4. Checking & Repairing Power Supply P.C.B.

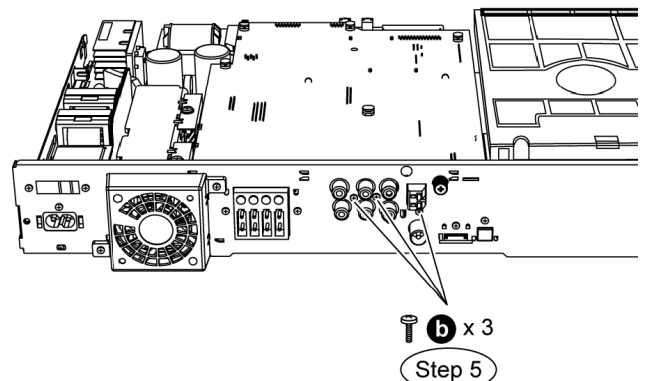
Step 1 Remove the top cabinet.

Step 2 Remove the front panel.

Step 3 Remove Panel P.C.B.

Step 4 Remove Power Button P.C.B.

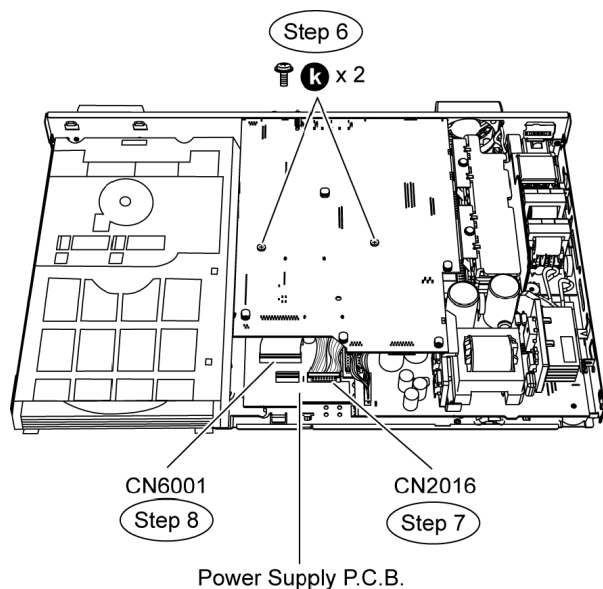
Step 5 Remove 2 screws at rear panel.



Step 6 Remove 2 screws on Main P.C.B.

Step 7 Detach 13P cable at the connector (CN2016) on Power Supply P.C.B.

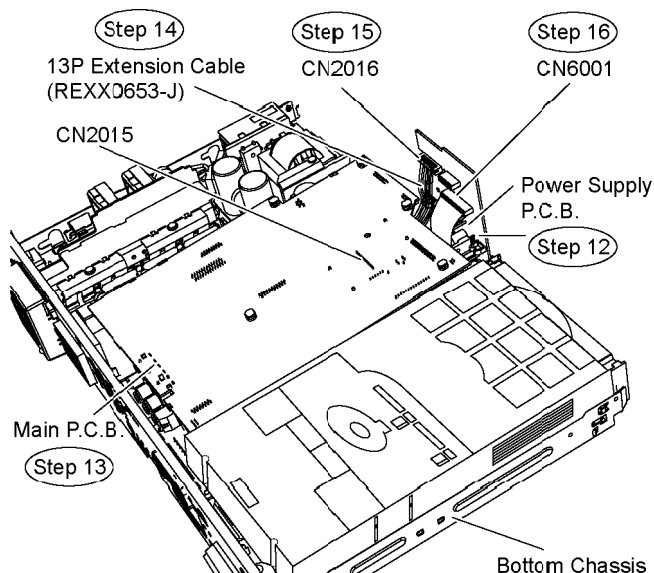
Step 8 Detach 28P cable at the connector (CN6001) on Power Supply P.C.B.



Step 9 Detach Main P.C.B. from the rear panel and position it according to the diagram shown.

Step 10 Remove 8P cable (SMPS P.C.B. to D-Amp P.C.B.) from the wire clamp.

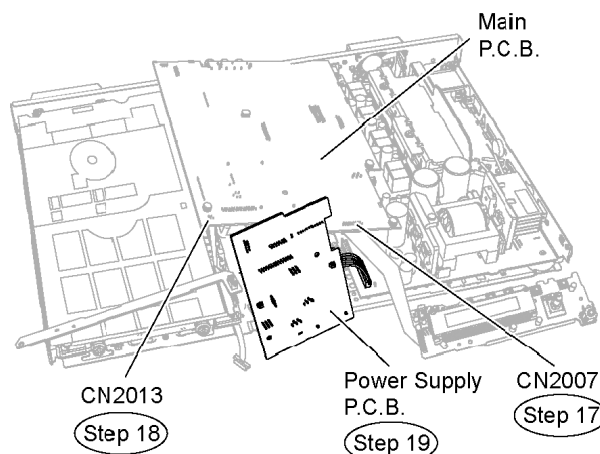
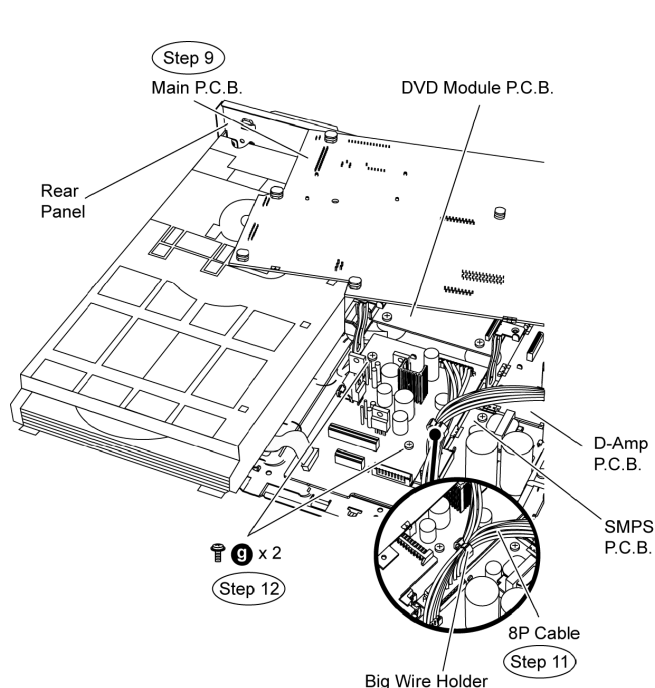
Step 11 Remove 2 screws on Power Supply P.C.B.



Step 17 Connect 17P cable at the connector (CN2007) on Main P.C.B.

Step 18 Connect 4P cable at the connector (CN2013) on Main P.C.B.

Step 19 Position Power Supply P.C.B. according to the diagram shown.



11.5. Checking & Repairing DVD Module P.C.B.

- Servicing Side A of DVD Module P.C.B.

Step 1 Remove the top cabinet.

Step 2 Remove the rear panel.

Step 3 Release the catches and remove the fan unit.

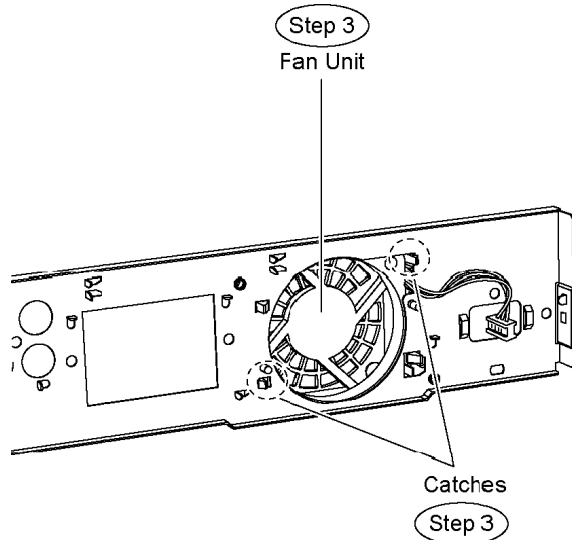
Step 12 Detach Power Supply P.C.B. from the bottom chassis and flip it vertically.

Step 13 Position Main P.C.B. according to the diagram shown.

Step 14 Attach original cable with extension cable REXX0653-J (13P cable from CN2015 to CN2016)

Step 15 Connect 13P cable at the connector (CN2016) on Power Supply P.C.B.

Step 16 Connect 28P cable at the connector (CN6001) on Power Supply P.C.B.



Step 4 Remove 2 screws on Main P.C.B.

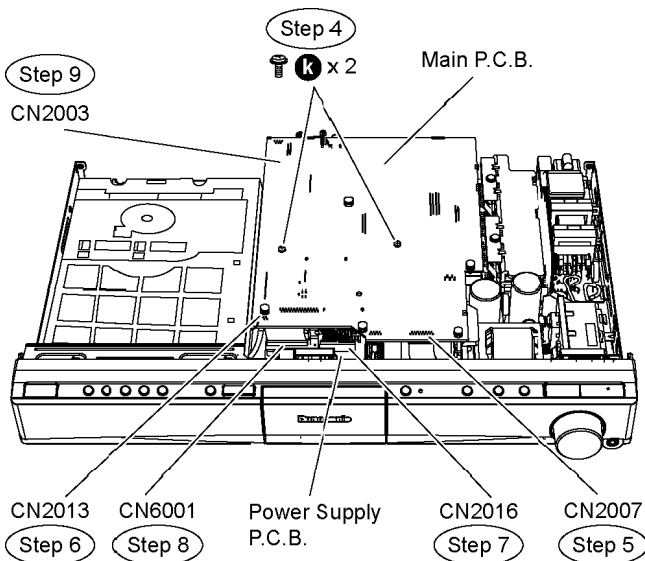
Step 5 Detach 17p cable at the connector (CN2007) on Main P.C.B.

Step 6 Detach 4P cable at the connector (CN2013) on Main P.C.B.

Step 7 Detach 13P cable at the connector (CN2016) on Power Supply P.C.B.

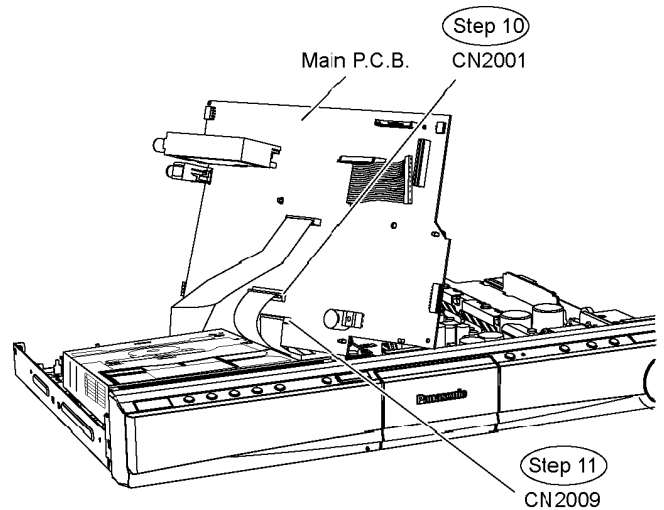
Step 8 Detach 28P cable at the connector (CN6001) on Power Supply P.C.B.

Step 9 Detach 14P cable at the connector (CN2003) on Main P.C.B.



Step 10 Turn over Main P.C.B. to detach 50P cable at the connector (CN2001).

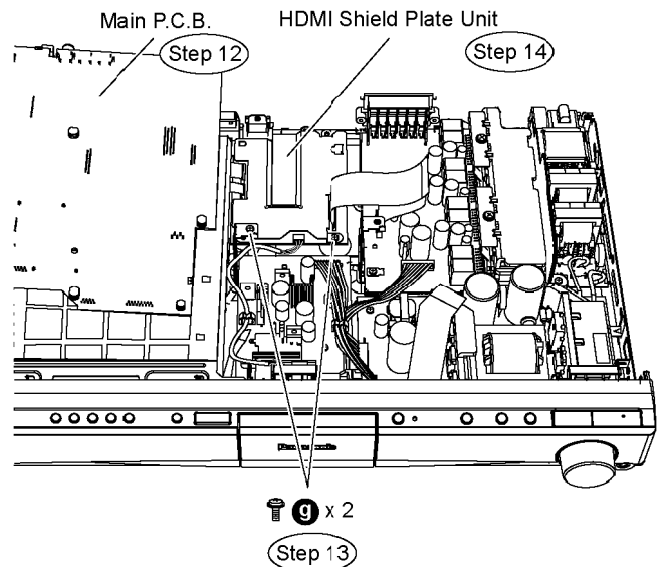
Step 11 Turn over Main P.C.B. to detach 17P cable at the connector (CN2009).



Step 12 Move aside Main P.C.B. and position it according to the diagram shown.

Step 13 Remove 2 screws from the HDMI shield plate unit.

Step 14 Remove the HDMI shield plate unit.



Caution Note: Keep the HDMI shield plate unit in safe place. Avoid denting it. Place it back during assembling.

Step 15 Move Main P.C.B. in the direction of arrow.

Step 16 Connect 13P cable at the connector (CN2016) on Power Supply P.C.B.

Step 17 Connect 28P cable at the connector (CN6001) on Power Supply P.C.B.

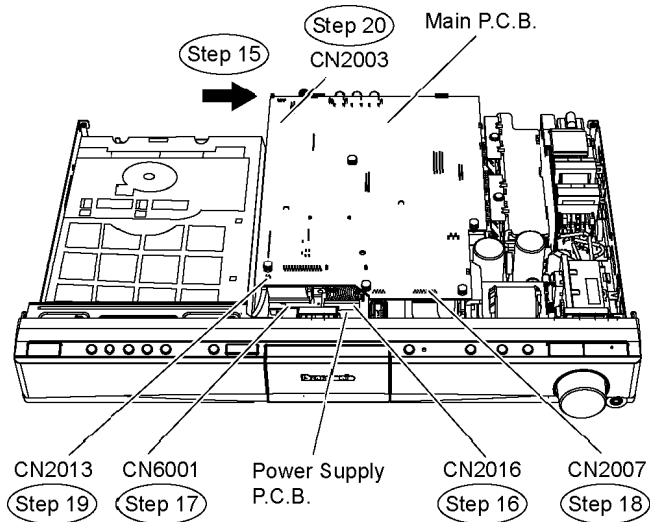
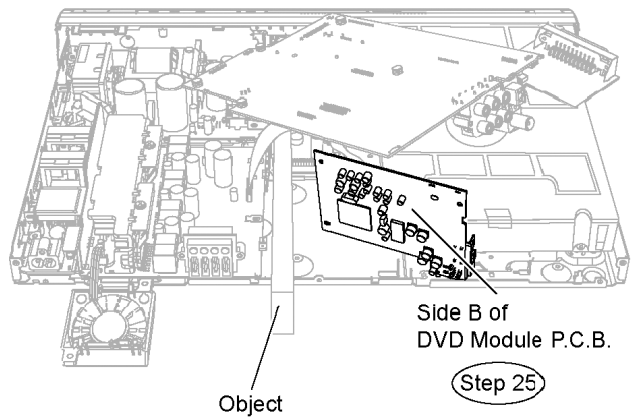
Step 18 Connect 17P cable at the connector (CN2007) on Main P.C.B.

Step 19 Connect 4P cable at the connector (CN2013) on Main P.C.B.

Step 20 Connect 14P cable at the connector (CN2003) on Main P.C.B.

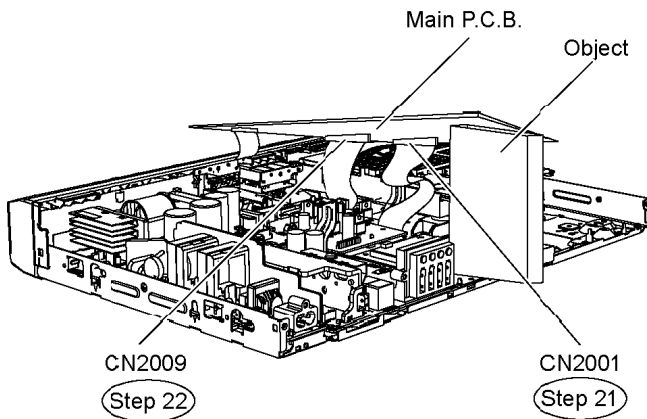
- Servicing side B of DVD Module P.C.B.

Step 25 Flip DVD Module P.C.B. to its side B and position it according to the diagram shown.



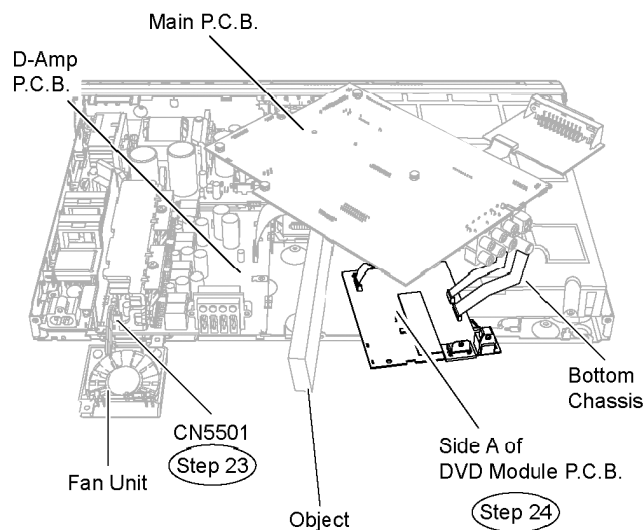
Step 21 Connect 50P cable at the connector (CN2001) on Main P.C.B.

Step 22 Connect 17P cable at the connector (CN2009) on Main P.C.B.



Step 23 Connect the fan unit at the connector (CN5501) on D-Amp P.C.B.

Step 24 Detach DVD Module P.C.B. from the bottom chassis and position its side A according to the diagram shown.



Note: An object can be placed beneath Main P.C.B. to adjust its height.

12 Voltage and Waveform Chart

12.1. DVD Module P.C.B.

REF NO.	IC3901																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	-	-	-	-	1.3	1.4	0	2.9	3.4	0	0.1	0.1	3.3	0	0.1	0.1	3.4	0	0	0
REF NO.	IC3901																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	3.3	0.1	0	0	3.4	0	0	3.3	0	0	0	0	1.6	3.4	0.9	0.1	0.1	0.9	0.1	3.4
REF NO.	IC3901																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	1.7	1.3	1.7	0.1	1.7	0.1	1.3	0.1	0.1	0.1	0.1	3.4	0.1	0.1	1.3	0.1	0.1	0.1	0.1	0
REF NO.	IC3901																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	0	0	0	-	-	0.1	0.1	0.1	0.1	3.4	0.1	0.1	0.1	0.1	1.3	0.1	0.1	0	0	0.1
REF NO.	IC3901																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
CD PLAY	0.1	0.1	0.1	3.4	1.3	0.1	1.0	0.9	1.8	1.3	0.1	2.2	0.9	0.6	2.1	0.1	0.1	0.1	0.1	3.4
REF NO.	IC3901																			
MODE	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
CD PLAY	0.1	1.3	0.1	0.1	0	3.4	3.4	3.4	1.3	0	1.8	0.1	3.3	3.3	3.4	1.3	1.7	0	0	3.4
REF NO.	IC3901																			
MODE	121	122	123	124	125	126	127	128												
CD PLAY	3.4	0	1.3	3.4	0	1.4	-	-												
REF NO.	IC3952																			
MODE	1	2	3	4	5															
CD PLAY	8.5	0	1.4	5.1	8.8															
REF NO.	IC8001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	0.1	3.3	0.1	3.3	0.1	0.1	1.0	0.9	1.7	1.2	2.2	0.9	0.1	3.3	0.6	2.0	0.1	1.2
REF NO.	IC8001																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	2.5	0	0	2.2	0	2.4	0	0.9	1.0	1.9	3.3	0	0	2.0	0.8	2.1	2.0	1.0	0.9	2.4
REF NO.	IC8001																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	2.4	2.6	0.1	1.2	0.1	3.2	3.2	3.3	3.3	1.7	0.1	3.3	1.8	2.8	3.0	3.3	3.3	3.3	0.6	3.0
REF NO.	IC8001																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	1.6	0.1	0.1	0.9	3.3	1.9	1.7	0	3.3	3.3	0	3.3	3.3	0	0.3	1.2	3.3	3.3	3.3	3.3
REF NO.	IC8001																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
CD PLAY	0.1	0.1	1.2	3.3	0.9	2.4	0.1	1.9	0.1	0.5	1.8	3.3	1.5	1.5	1.9	1.9	1.7	1.7	1.7	1.7
REF NO.	IC8001																			
MODE	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
CD PLAY	0	0	0.2	0.1	0.2	2.1	3.3	0	2.3	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.5
REF NO.	IC8001																			
MODE	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140
CD PLAY	1.9	2.0	1.7	1.7	0.1	1.7	1.7	3.3	0.9	0.9	0.5	3.3	2.4	1.0	1.0	2.4	0.1	0.5	0.9	0.1
REF NO.	IC8001																			
MODE	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160
CD PLAY	3.3	3.3	0	0	0	0	3.3	1.5	1.7	1.7	0.9	1.7	0	3.3	1.5	1.6	0	1.2	3.0	-
REF NO.	IC8001																			
MODE	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
CD PLAY	3.0	3.0	3.1	3.0	0	3.3	3.0	3.2	3.2	3.0	3.0	3.2	0	3.3	3.0	3.1	3.2	2.9	2.9	2.9
REF NO.	IC8001																			
MODE	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
CD PLAY	3.3	1.6	1.6	3.3	1.6	0	1.2	3.3	3.3	3.2	3.6	0	2.0	0	0	3.3	1.6	0.1	0	1.6
REF NO.	IC8001																			
MODE	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216				
CD PLAY	0.1	1.6	0.4	0	3.3	1.7	1.8	0.4	1.6	0	1.2	2.3	2.7	2.7	3.3	0				
REF NO.	IC8051																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	3.3	3.2	3.3	2.9	2.9	0	3.2	3.0	3.3	3.2	3.0	0	2.8	3.3	2.8	3.3	3.3	3.2	3.2	2.0
REF NO.	IC8051																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	1.6	0	0.1	0.4	0.4	1.6	3.3	0	1.5	1.7	1.7	1.6	0	0	0	-	3.3	1.6	2.9	-
REF NO.	IC8051																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54						
CD PLAY	0	3.2	3.3	3.0	0	0	3.2	2.9	3.3	3.1	2.9	0	3.0	0						
REF NO.	IC8111																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	3.3	-	0	1.9	4.8	-	-	5.1												
REF NO.	IC8151																			
MODE	1	2	3	4	5															
CD PLAY	2.3	2.3	0	1.3	0.8															
REF NO.	IC8251																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	1.7	1.7	1.7	2.2	2.2	2.0	0.1	5.1	3.3	0	2.5	2.7	2.5	2.7	4.1	4.2	5.0	3.3	0	3.3
REF NO.	IC8251																			
MODE	21	22	23	24	25	26	27	28	29	30										
CD PLAY	8.9	8.7	1.8	1.7	1.7	1.7	3.3	3.3	0	0										

REF NO.	IC8421																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	1.7	1.7	0.9	1.7	3.3	3.3	3.3	0	0.9	0.1	0.1	5.1	5.1	5.1	0	0	2.6	2.6	2.6	2.6
REF NO.	IC8421																			
MODE	21	22	23	24	25	26	27	28	29	30										
CD PLAY	2.6	2.6	0	0.2	2.6	2.6	0	5.1	5.1	5.1										
REF NO.	IC8422																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
CD PLAY	2.6	2.6	0	2.6	0	5.1	5.1	0	1.4	1.7	1.6	1.7	3.3	0	5.1	0				
REF NO.	IC8601																			
MODE	1	2	3	4																
CD PLAY	3.3	1.2	0	0																
REF NO.	IC8606																			
MODE	1	2	3	4	5															
CD PLAY	3.3	3.3	0	0	-															
REF NO.	IC8611																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	0	3.2	3.2	0	3.3												
REF NO.	IC8651																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	2.6	2.4	2.2	0.6	2.5	1.2	0.9	1.1	1.9	0	3.3	3.3	3.3	3.3	1.1	2.1	0.8	2.2	2.1	1.0
REF NO.	IC8651																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0.9	2.5	2.4	2.6	2.3	2.7	0	2.7	2.2	2.5	2.3	2.2	0.5	2.4	1.1	1.0	3.3	1.0	2.2	2.1
REF NO.	IC8651																			
MODE	41	42	43	44	45	46	47	48												
CD PLAY	1.0	0	2.4	2.4	2.5	0	3.3	2.5												
REF NO.	IC8691																			
MODE	1	2	3	4	5															
CD PLAY	3.0	3.0	0	4.5	5.1															
REF NO.	IC8695																			
MODE	1	2	3	4	5															
CD PLAY	2.7	2.7	0	4.2	5.1															
REF NO.	IC8701																			
MODE	1	2	3	4	5															
CD PLAY	-	1.5	0	1.8	3.3															
REF NO.	IC8901																			
MODE	1	2	3	4	5															
CD PLAY	3.3	3.3	0	3.3	3.3															
REF NO.	IC9001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	2.2	2.6	2.4	2.4	0.9	0.9	2.0	2.2	0	2.7	2.2	2.1	1.0	0.9	2.5	2.4	2.6	2.3	3.3
REF NO.	IC9002																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	1	1	1.1	2.4	0.6	2.1	2.3	2.5	0	2.7	2.6	2.3	2.3	0.6	2.5	1.2	1.0	1.0	3.3
REF NO.	Q3901				Q3902				Q3903				Q3941				Q3942			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	0	0.7		3.3	0	3.4		3.3	5.1	0		3.7	3.7	3.7		0	0	0	
REF NO.	Q3943				Q8321				Q8325				Q8331				Q8335			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	4.1	5.9	4.7		1.2	0	0.5		1.5	0	0.9		1.2	0	0.5		1.5	0	0.9	
REF NO.	Q8341				Q8551				Q8552				Q8561				Q8562			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	1.5	0	0.9		0	5.1	0.1		5.1	0.1	5.1		1.5	3.7	2.1		4.3	1.9	3.7	
REF NO.	Q8563				Q8564				Q8565				QR8111							
MODE	S	D	G		S	D	G		S	D	G		1	2	3	4	5	6		
CD PLAY	0	0.2	0.1		0	0	3.3		0	0.1	0.7		0	0	1.2	0	0	4.8		
REF NO.	QR8420																			
MODE	E	C	B																	
CD PLAY	0	4.3	0																	

PT960PX DVD MODULE P.C.B.

12.2. D-Amp P.C.B.

REF NO. MODE	IC5000																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	2.5	0.1	0.1	2.9	0	-29.3	-29.3	29.3	11	-0.1	-29.5	-17.3	-29.5	-0.1	11	29.3	-29.3	-29.3	0	29
STANDBY	2.5	0.1	0.1	2.9	0	-29.3	-21	29.3	11	-0.1	-29.5	-17.3	-29.5	-0.1	11	29.3	-29.3	-29.2	0	29
REF NO. MODE	IC5000																			
	21	22	23																	
CD PLAY	-0.1	-0.1	2.5																	
STANDBY	-0.1	-0.1	2.5																	
REF NO. MODE	IC5200																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	2.5	-0.1	-0.1	29	0	-29.3	-29.3	29.3	11	-0.1	-29.5	-17.3	-29.5	-0.1	11	29.3	-29.3	-29.3	0	29
STANDBY	2.5	-0.1	-0.1	29	0	-29.3	-29.3	29.3	11	-0.1	-29.5	-17.3	-29.5	-0.1	11	29.3	-29.3	-29.3	0	29
REF NO. MODE	IC5200																			
	21	22	23																	
CD PLAY	-0.1	-0.1	2.5																	
STANDBY	-0.1	-0.1	2.5																	
REF NO. MODE	IC5300																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	2.5	-0.1	-0.1	29	0	-29.3	-29.3	29.3	11	-0.1	-29.5	-17.3	-29.5	-0.1	11	29.3	-29.3	-29.3	0	29
STANDBY	2.5	-0.1	-0.1	29	0	-29.3	-29.3	29.3	11	-0.1	-29.5	-17.3	-29.5	-0.1	11	29.3	-29.3	-29.3	0	29
REF NO. MODE	IC5300																			
	21	22	23																	
CD PLAY	-0.1	-0.1	2.5																	
STANDBY	-0.1	-0.1	2.5																	
REF NO. MODE	IC5400																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	2.5	-0.1	-0.1	29	0	-29.3	-29.3	29.3	11	-0.1	-29.5	-17.3	-29.5	-0.1	11	29.3	-29.3	-29.3	0	29
STANDBY	2.5	-0.1	-0.1	29	0	-29.3	-29.3	29.3	11	-0.1	-29.5	-17.3	-29.5	-0.1	11	29.3	-29.3	-29.3	0	29
REF NO. MODE	IC5400																			
	21	22	23																	
CD PLAY	-0.1	-0.1	2.5																	
STANDBY	-0.1	-0.1	2.5																	
REF NO. MODE	IC5500																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
CD PLAY	0	5.2	5	0	2.7	2.2	0	2.5	2.6	2.6	2.5	0	5.2	5.2						
STANDBY	0	5.2	5	0	2.7	2.2	0	2.5	2.6	2.6	2.5	0	5.2	5.2						
REF NO. MODE	IC5501																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
CD PLAY	2.5	2.6	2.5	0	2.6	0	0	0	0	0	0	0	5.2	5.2						
STANDBY	2.5	2.6	2.5	0	2.6	0	0	0	0	0	0	0	5.2	5.2						
REF NO.	Q5101			Q5102			Q5601			Q5602			Q5603							
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	5.2	0		0	5.2	0		0	0	0.7		0	0	0.7		5.2	5.1	4.4	
STANDBY	0	5.2	0		0	5.2	0		0	0	0.7		0	0	0.7		5.2	5.1	4.5	
REF NO.	Q5604			Q5640			Q5641			Q5642			Q5644							
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	0	0.7		6.9	16.4	7.4		0	5.2	0		0	0	0.7		0	3.7	0	
STANDBY	0	0	0.7		6.9	16.4	7.4		0	5.2	0		0	0	0.7		0	3.7	0	

PT960PX D-AMP P.C.B.

12.3. Main P.C.B.

REF NO.	IC2001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	1.7	0	5.2	5.2	5.2	0	1.6	0	0	1.7	5.2	5.2	2.6	0	-	5.2	5.2	5.2	3.8	1.7
STANDBY	1.7	0	5.2	5.2	5.2	0	1.6	0	0	1.6	5.2	5.1	2.6	0	-	5.2	5.2	5.2	3.8	1.6
REF NO.	IC2001																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0	5.2	0	0	0	5.2	0	4.6	4.2	1.8	0	1.6	5.2	5.2	0	1.7	5.2	5.2	5.2	5.2
STANDBY	0	5.2	0	0	0	5.2	0	4.6	4.3	1.8	0	1.7	5.2	5.1	0	1.8	5.2	5.2	5.2	5.1
REF NO.	IC2001																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	0	0	5.1	0	0	0	5.2	0	0	1.7	5.2	0	0	0	0	0	0	0	0	1.9
STANDBY	0	5.2	5.0	5.0	0	0	5.2	0	0	1.8	5.1	0	0	0	0	0	0	0	0	1.9
REF NO.	IC2001																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	5.2	5.2	5.2	0	0	1.4	0	5.0	0	0	5.2	1.8	0	5.2	5.7	5.2	0	0	0	5.2
STANDBY	5.2	5.2	5.2	0	0	1.4	0	5.0	5.1	0	5.1	1.7	0	5.2	5.7	5.2	0	5.0	0	5.2
REF NO.	IC2001																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
CD PLAY	2.8	1.7	0	0	4.2	2.6	1.9	5.2	2.6	0	2.6	1.8	0	2.6	1.3	0	3.6	5.2	5.2	0
STANDBY	2.8	1.7	0	0	4.2	2.6	1.9	5.1	2.6	0	2.6	1.7	0	2.6	1.3	0	3.6	5.2	5.2	0
REF NO.	IC2002																			
MODE	1	2	3	4	5															
CD PLAY	5.2	0	5.2	0	3.3															
STANDBY	5.2	0	5.1	0	3.3															
REF NO.	IC2003																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	0	0	1.8	0	5.2												
STANDBY	0	0	0	0	0	1.8	0	5.2												
REF NO.	IC2101																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REF NO.	IC2101																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REF NO.	IC2101																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	0	0	0	0	0	0	0	0	0	1.2	0	0	0	0	0	0	0	0	0	0
STANDBY	0	0	0	0	0	0	0	0	0	1.2	0	0	0	0	0	0	0	0	0	0
REF NO.	IC2101																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	0	5.2	0	5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STANDBY	0	5.2	0	5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REF NO.	IC2101																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
CD PLAY	0	0	6.8	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STANDBY	0	0	6.8	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REF NO.	IC2102																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	6.8	0	0	0	6.8												
STANDBY	0	0	0	6.8	0	0	0	6.9												
REF NO.	IC2103																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
CD PLAY	0.3	0	0	7	0	0	0	0	0	0	-7.1	0	0	0.1						
STANDBY	0.3	0	0	7.1	0	0	0	0	0	0	-7.1	0	0	0.1						
REF NO.	IC2104																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	-7.1	0	0	0	7.0												
STANDBY	0	0	0	0.4	0	0	0	0.1												
REF NO.	IC2105																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
CD PLAY	0	0	0	0	0	0	-7.1	0	4.9	4.9	0	0	0	0	0	7				
STANDBY	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0.1				
REF NO.	IC2501																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	6.7	0	0	0	6.8												
STANDBY	0	0	0	6.7	0	0	0	6.9												
REF NO.	IC2801																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	5.1	0	0	2.2	5.0	0.1	0	1.5	2.2	0	1.5	0	2.2	5.0	2.2	5.1	2.3	2.3	0	2.3
STANDBY	5.1	0	0	2.2	5.0	0.1	0	1.5	2.2	0	1.5	0	2.2	5.5	2.2	5.1	2.3	2.3	0	2.3
REF NO.	IC2801																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32								
CD PLAY	2.3	0	1.4	1.4	0	1.4	1.4	0	1.5	1.5	0	2.3								
STANDBY	2.3	0	1.4	1.4	0	1.4	1.4	0	1.5	1.5	0	2.3								

REF NO.	Q2002				Q2003				Q2004				Q2005				Q2006			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	3.5	5.2	4.2		0	5.2	0		0	1.6	0		3.3	1.6	5.2		0	0	4.3	
STANDBY	3.5	5.2	4.2		0	5.1	0		0	1.6	0		3.3	1.6	5.2		0	5.2	0	
REF NO.	Q2007				Q2013				Q2030				Q2095				Q2096			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	5.2	0		4.8	4.7	4.8		3.6	5.2	4.3		0	5.2	0		0	0	0.6	
STANDBY	0	5.2	0		-7.1	-9.8	-7.7		3.6	5.2	4.3		0	5.1	0		0	0	0.6	
REF NO.	Q2097				Q2101				Q2102				Q2102				Q2102			
MODE	E	C	B		1	2	3	4	5	6		1	2	3	4	5	6			
CD PLAY	0	5.8	0		0	4.5	0	0	4.5	0		0	4.5	0	0	4.5	0			
STANDBY	0	5.7	0		0	1.0	0	0	1.0	0		0	1.0	0	0	1.0	0			
REF NO.	Q2103				Q2104				Q2203				Q2501				Q2501			
MODE	E	C	B		1	2	3	4	5	6		E	C	B		E	C	B		
CD PLAY	0	4.5	0		0	4.5	0	0	4.5	0		0	4.5	0		0	0	5.0		
STANDBY	1.5	1.5	0		0	1.0	0	0	1.0	0		1.5	1.5	0		0	0	5.0		
REF NO.	Q2502				Q2600				Q2601				Q2602				Q2801			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	0	5.0		0	5.1	0		0	5.1	0		0	1.6	0		0	5.0	0	
STANDBY	0	0	5.0		0	5.1	0		0	5.1	0		0	1.6	0		0	5.0	0	
REF NO.	Q2909				Q2919				Q2923				Q2924				Q2924			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	5.1	0		0	5.1	0		0	0	2		0	5.1	0					
STANDBY	0	5.1	0		0	5.2	0		0	0	2		0	5.1	0					

PT960PX MAIN P.C.B.

12.4. Panel P.C.B.

REF NO.	IC6901																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	0	0	29	0	0	4.1	2.5	1.9	1.9	0	5.0	24.4	24.4	22	24.4	17.2	19.7	14.9
STANDBY	0	0	0	0	29	0	0	4.1	2.5	1.9	1.9	0	5.0	24.5	24.5	22	24.4	14.9	19.7	12.5
REF NO.	IC6901																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	24.4	24.4	24.4	17.2	17.2	24.4	24.4	24.4	17.3	24.9	15	17.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
STANDBY	24.5	24.5	24.5	17.3	17.3	24.5	24.5	24.5	17.3	25	15	15.1	22.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3
REF NO.	IC6901																			
MODE	41	42	43	44																
CD PLAY	22.3	22.2	5.0	0																
STANDBY	22.3	22.2	5.0	0																
REF NO.	Q6910																			
MODE	E	C	B																	
CD PLAY	0	4.8	0																	
STANDBY	0	4.8	0																	

PT960PX PANEL P.C.B.

12.5. Power Supply P.C.B.

REF NO.	IC2900																			
MODE	1	2	3	4	5															
CD PLAY	16.6	8.8	0	1	15.9															
STANDBY	16.8	8.8	0	1	16.1															
REF NO.	IC2903																			
MODE	1	2	3	4	5															
CD PLAY	16.6	5.2	0	1	16															
STANDBY	16.8	5.2	0	1	16.2															
REF NO.	IC6101																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	3.4	3.4	3.4	0	3.4	3.4	3.4	6.8												
STANDBY	3.4	3.4	3.4	0	3.4	3.4	3.4	6.8												
REF NO.	IC6601																			
MODE	1	2	3	4	5															
CD PLAY	1	0	6.8	1.7	1.7															
STANDBY	1	0	6.8	1.7	1.7															
REF NO.	IC6602																			
MODE	1	2	3	4	5															
CD PLAY	0	5.2	0	0	-															
STANDBY	0	5.2	0	0	-															
REF NO.	Q2900				Q2901				Q2902				Q2903				Q2904			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	16.5	-0.5		-6.8	-9.8	-7.4		0	-7.4	-0.6		6.8	8.9	7.5		2.4	4.6	3.1	
STANDBY	0	16.6	-0.5		-6.8	-10	-7.4		0	-7.4	-0.6		6.8	8.9	7.5		2.4	4.6	3.1	
REF NO.	Q2921				Q2922				Q2922				Q2922				Q2922			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	5.2	0	5.1		0	5.1	0													
STANDBY	5.2	0	5.1		0	5.1	0													

PT960PX POWER SUPPLY P.C.B.

12.6. SMPS P.C.B.

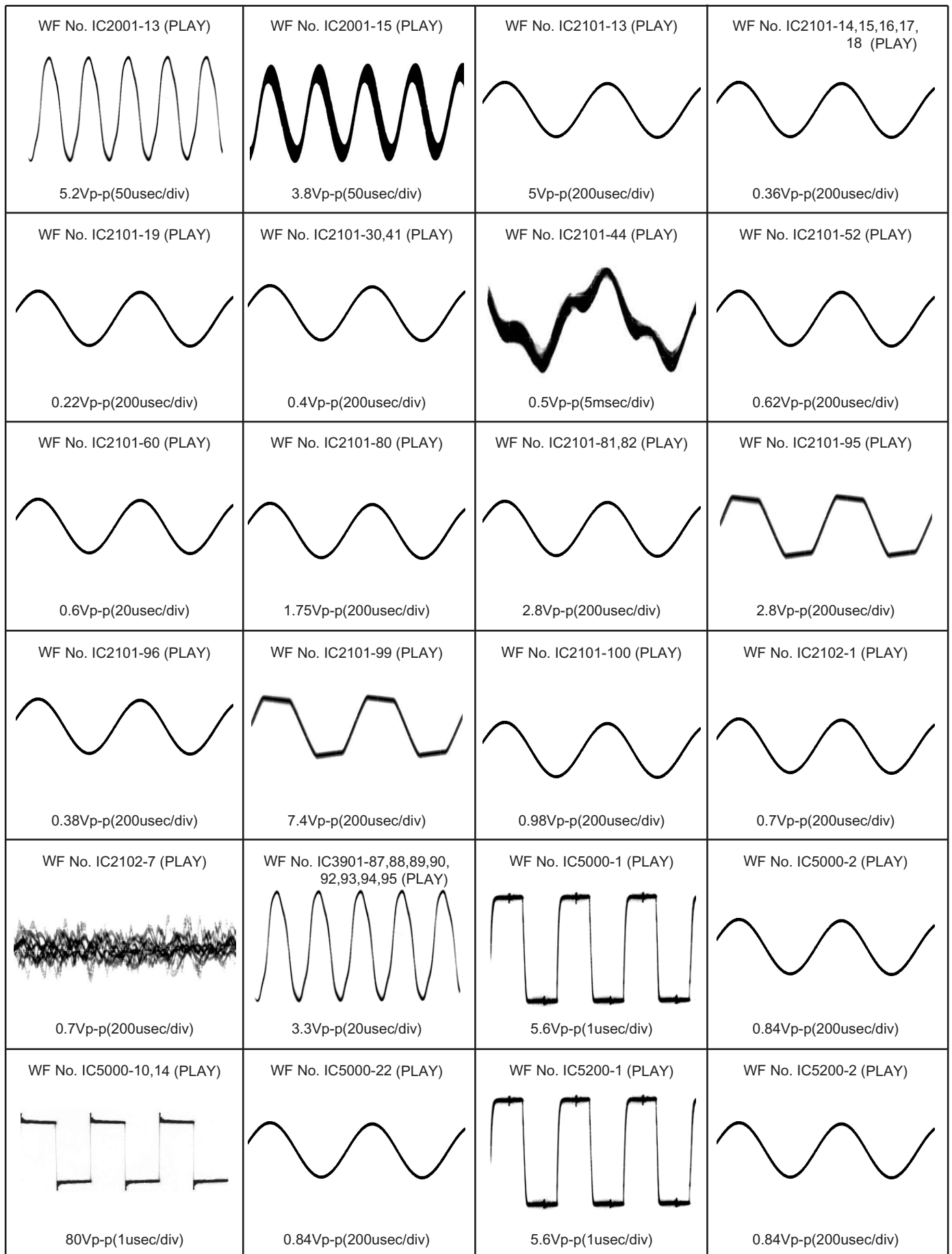
REF NO.	IC5701																			
MODE	1	2	3	4	5	6	7													
CD PLAY	162	0	0	19.3	0.1	1.4	0.5													
STANDBY	162	0	0	19.3	0.1	1.4	0.5													
REF NO.	IC5780																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	20.4	0	0	0	14.8	5.1	20	21.3												
STANDBY	20.4	0	0	0	14.8	5.1	20	21.3												
REF NO.	IC5799																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	6.0	1.6	1.8	20.3	162.2	-	0	0												
STANDBY	6.0	1.6	2.0	20.3	163.0	-	0	0												
REF NO.	IC5801																			
MODE	1	2	3																	
CD PLAY	-2.2	-29.5	-26.8																	
STANDBY	-2.2	-29.5	-26.8																	
REF NO.	IC5899																			
MODE	1	2	3																	
CD PLAY	4.2	0	2.5																	
STANDBY	4.2	0	2.5																	
REF NO.	Q5720			Q5721			Q5722			Q5750			Q5802							
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	5.9	6.5	5.6		19.9	19.9	19.2		0	17.0	0.1		0	0	0.7		-21.9	-2.2	-22	
STANDBY	5.9	6.6	5.6		19.9	19.9	19.2		0	16.8	0.1		0	0	0.7		-21.8	-2.2	-22	
REF NO.	Q5803			Q5860			Q5861			Q5862			QR5801							
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	5.8	0		1.3	0	0.7		0	0	0.7		0	5.2	0		0	5.0	0	
STANDBY	0	5.8	0		1.3	0	0.7		0	0	0.7		0	5.2	0		0	5.0	0	
REF NO.	QR5802			QR5810			Q5898													
MODE	E	C	B		E	C	B		E	C	B									
CD PLAY	0	4.5	0		0	0.1	5		0	3.2	0.5									
STANDBY	1.5	1.5	0		0	0	5		0	3.2	0.5									

PT960PX SMPS P.C.B.

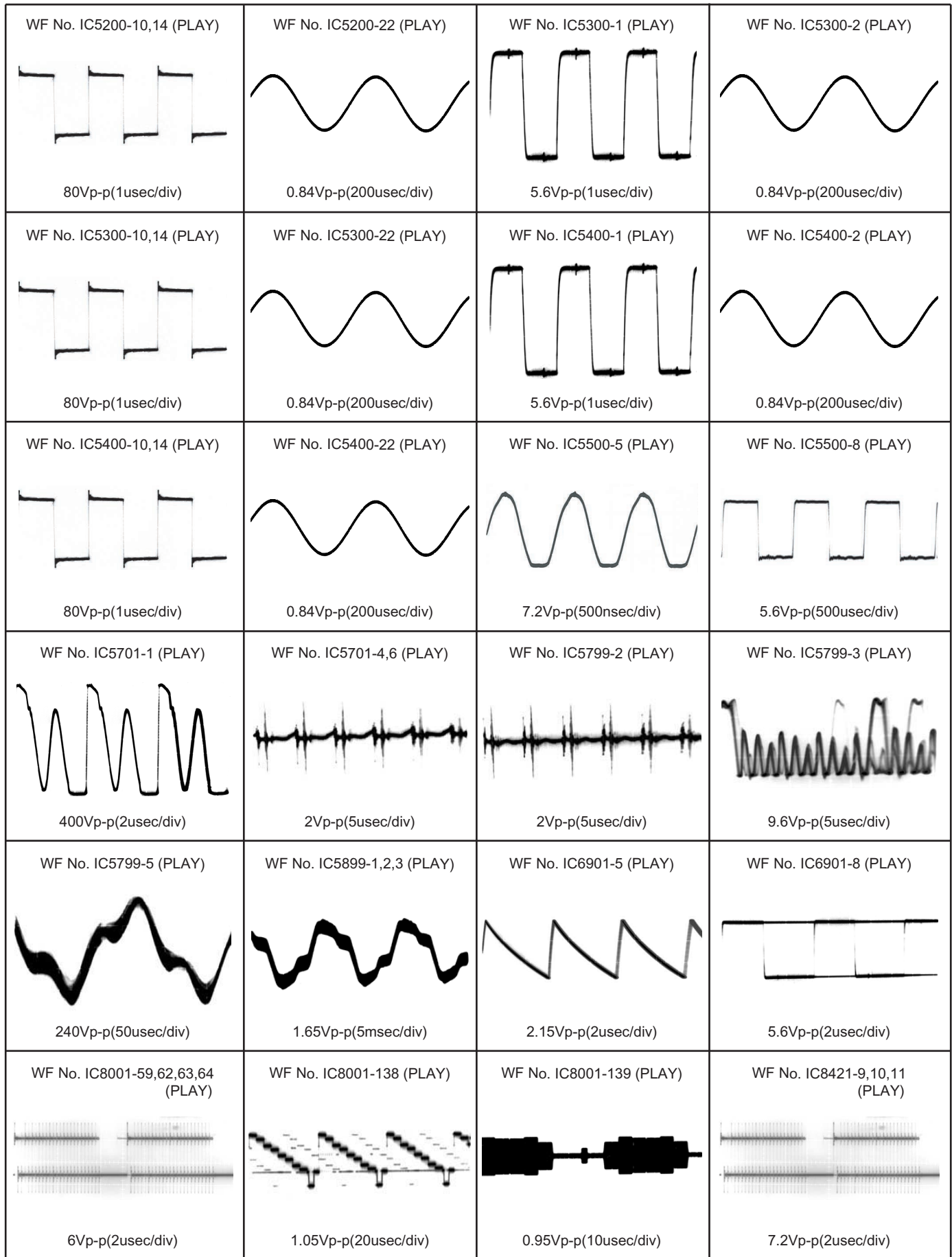
PT960PX SMPS P.C.B.

12.7. Waveform Chart

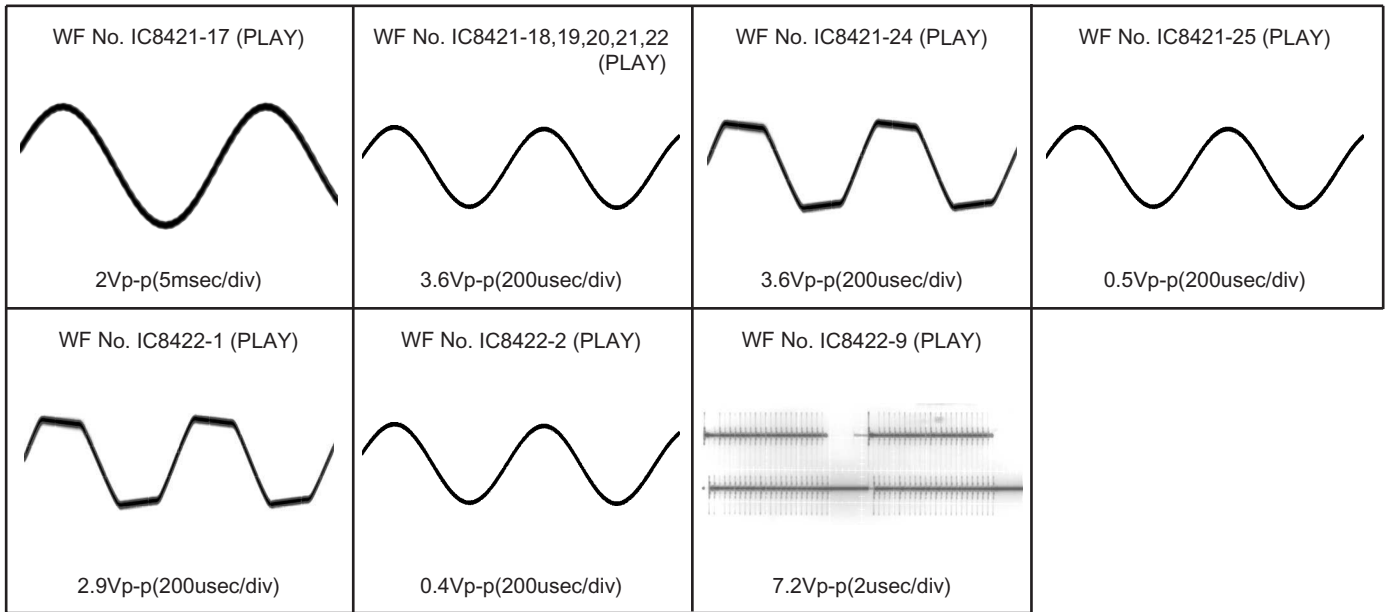
12.7.1. Waveform 1



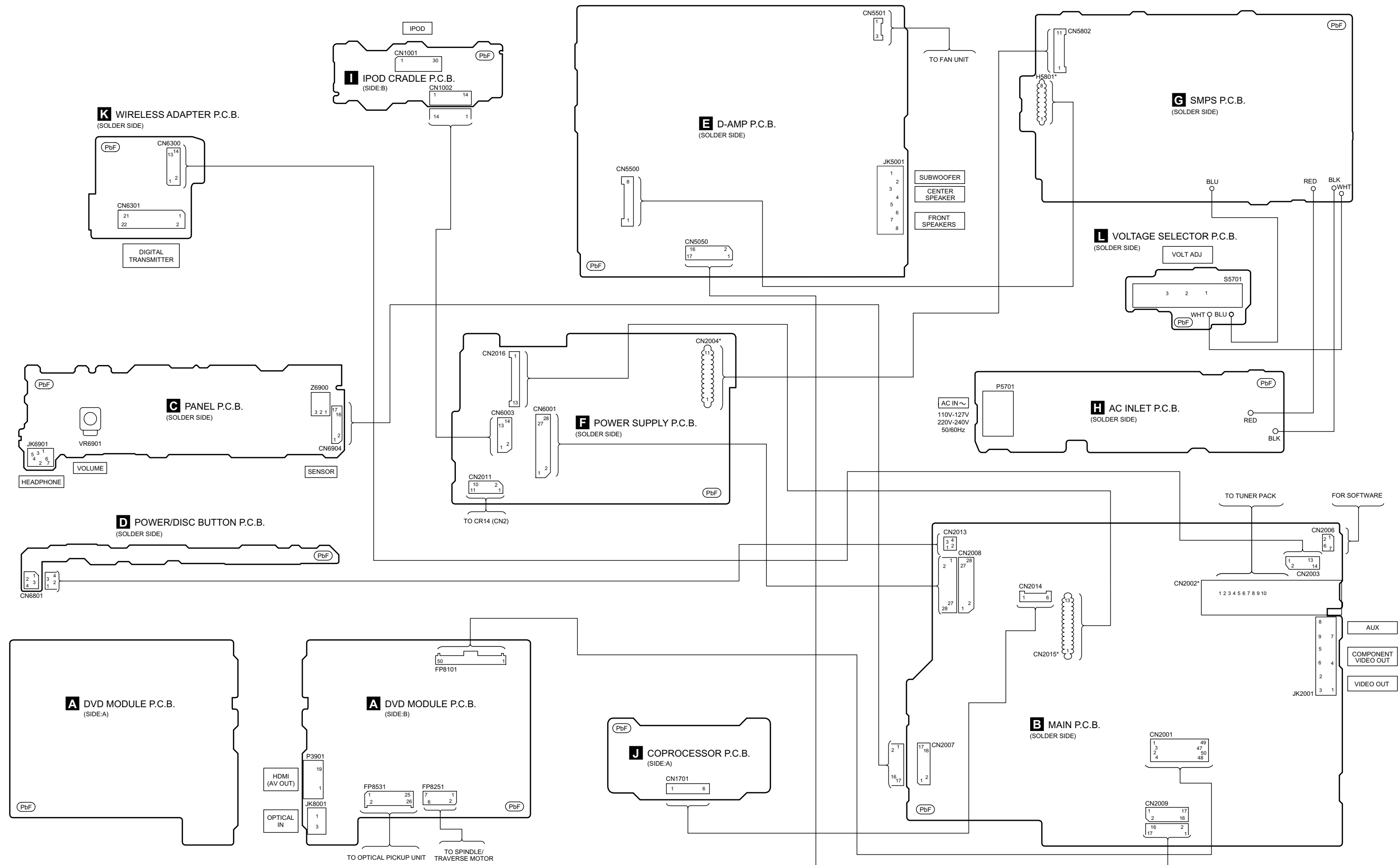
12.7.2. Waveform 2



12.7.3. Waveform 3



13 Wiring Connection Diagram

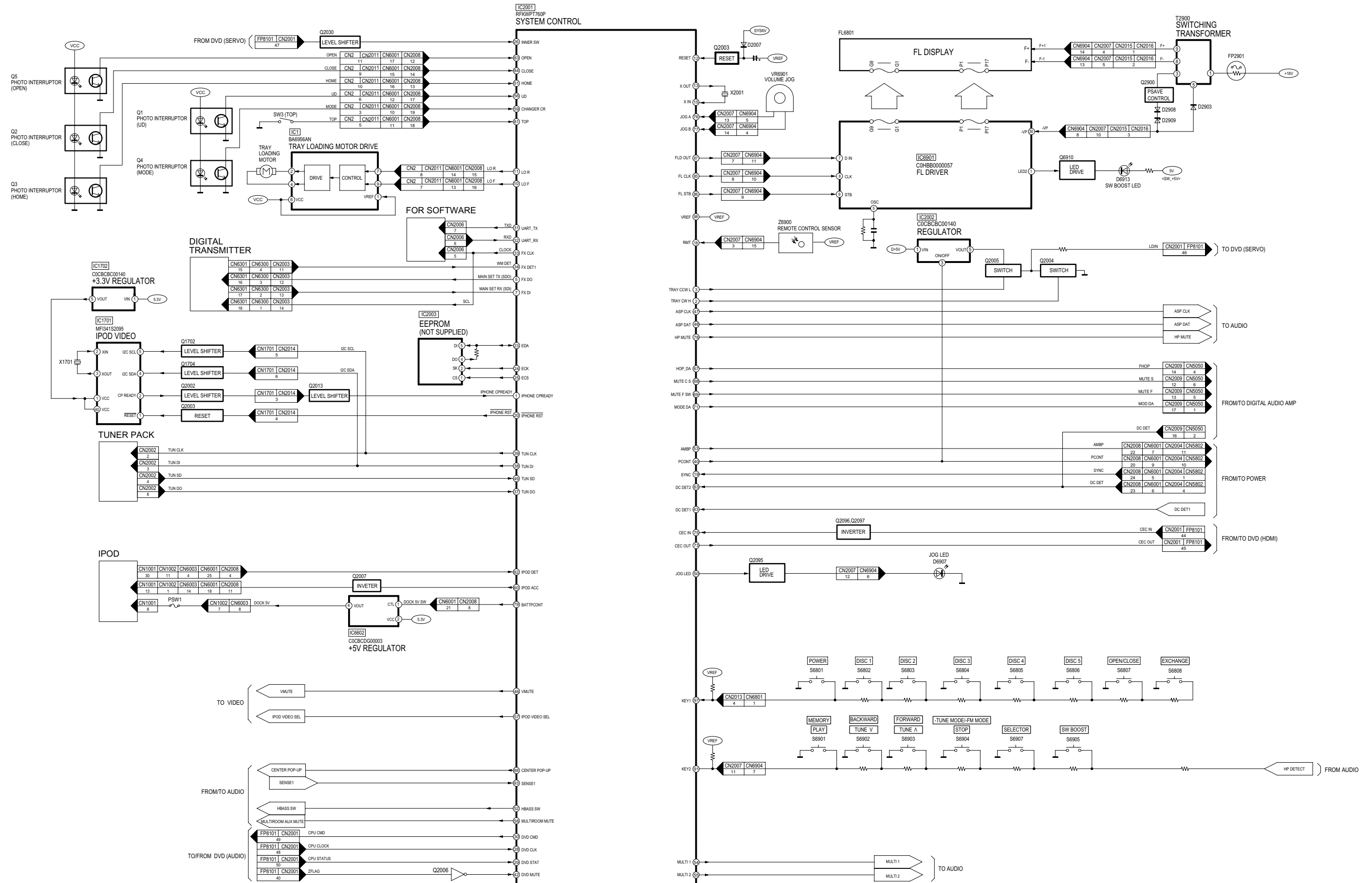


* FOR INDICATION ONLY

SA-PT960PX WIRING CONNECTION

14 Block Diagram

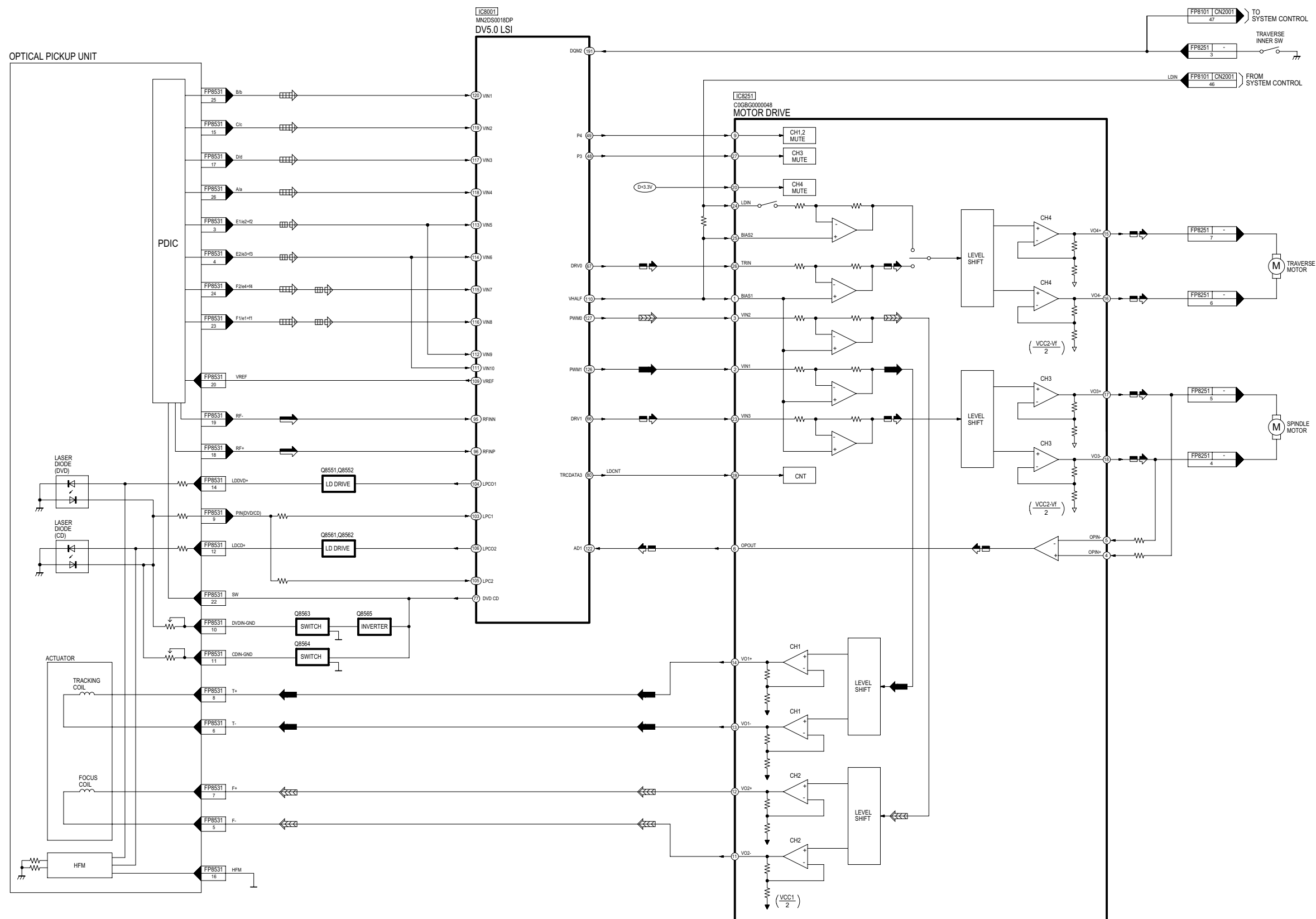
14.1. System Control



SA-PT960PX SYSTEM CONTROL BLOCK DIAGRAM

14.2. DVD (Servo)

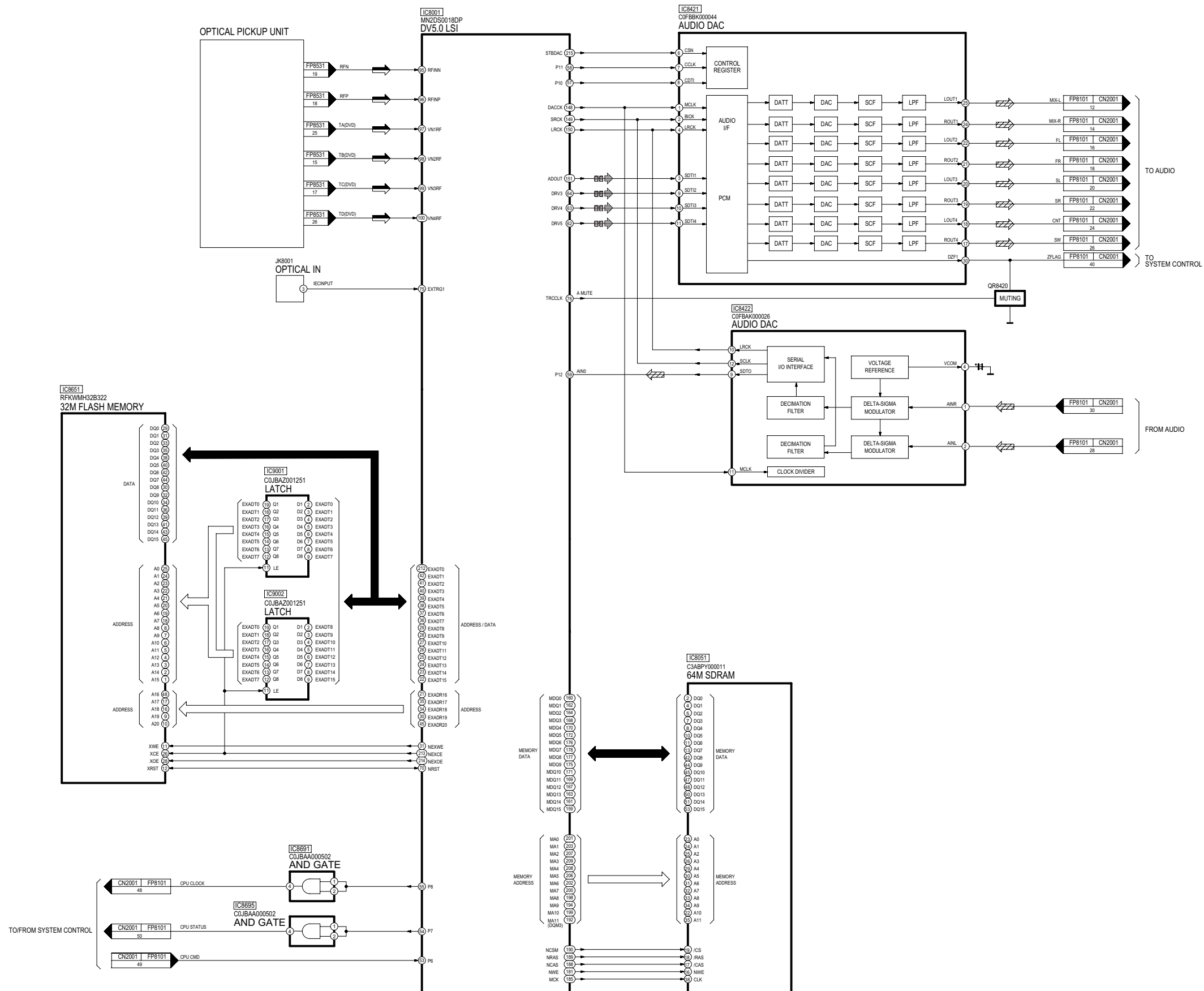
 : CD HEAD SIGNAL LINE
 : DVD RF SIGNAL LINE
 : TRACKING ERROR SIGNAL LINE
 : DVD HEAD SIGNAL LINE
 : MOTOR DRIVE SIGNAL LINE
 : FOCUS ERROR SIGNAL LINE



SA-PT960PX DVD (SERVO) BLOCK DIAGRAM

14.3. DVD (Audio)

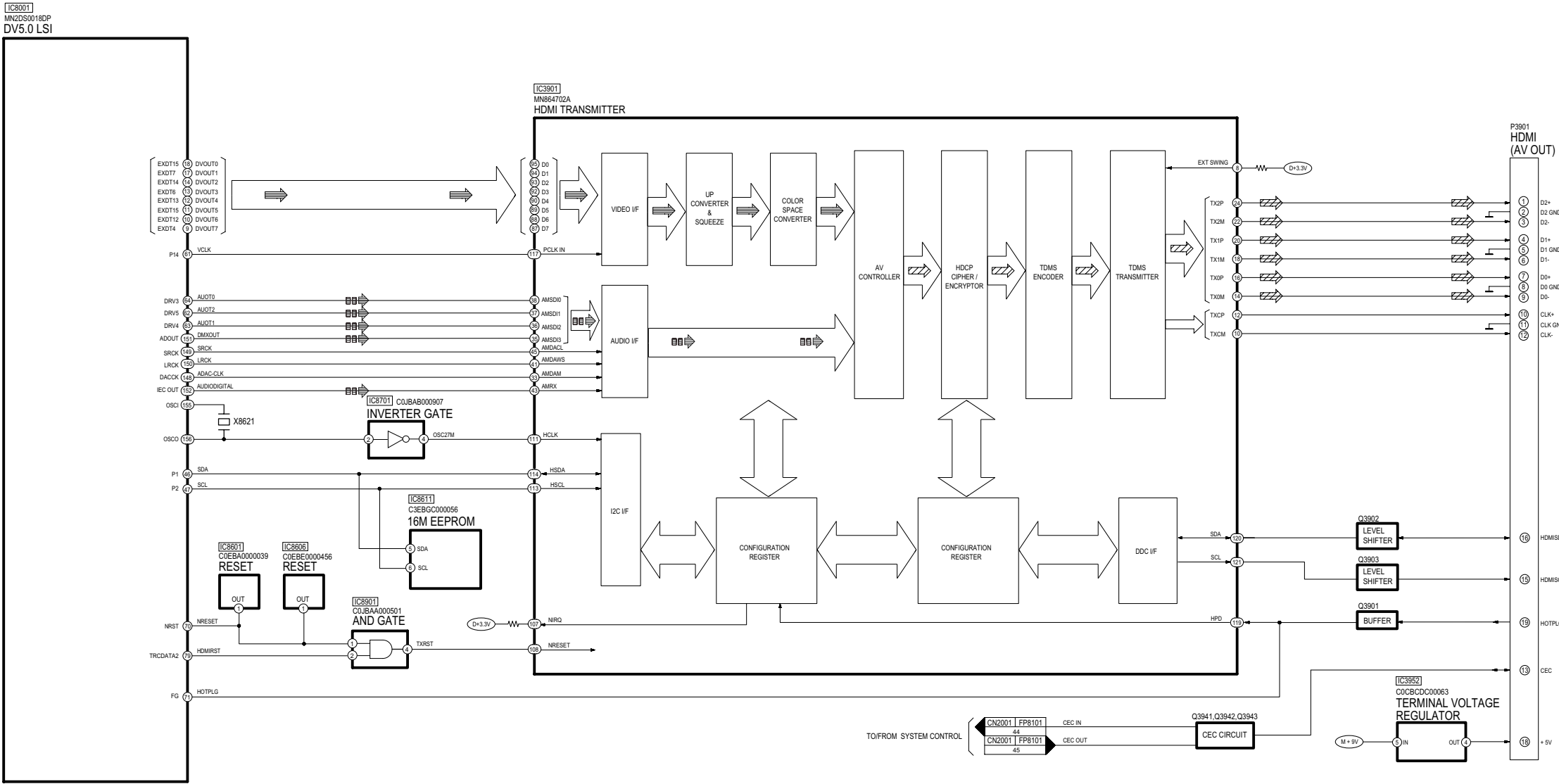
 : DVD RF SIGNAL LINE
  : DVD AUDIO SIGNAL LINE
  : MAIN SIGNAL LINE



SA-PT960PX DVD (AUDIO) BLOCK DIAGRAM

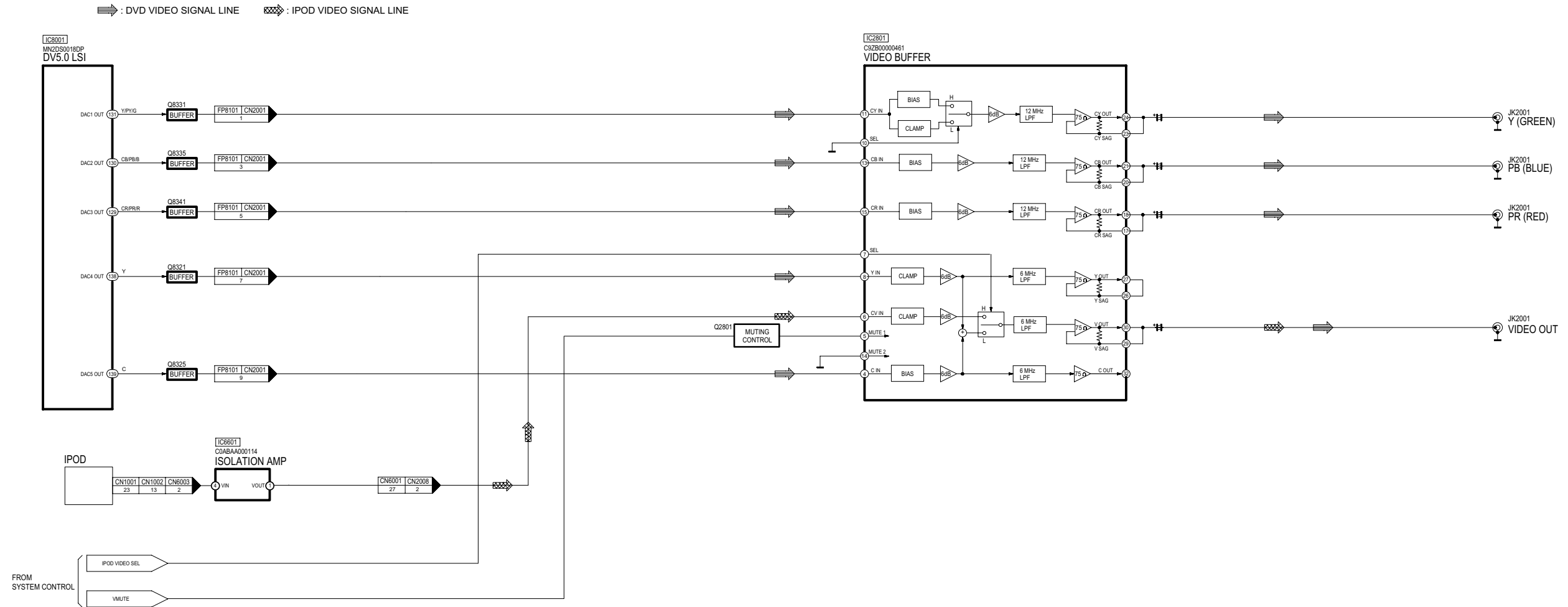
14.4. DVD (HDMI)

⏏ : DVD AUDIO SIGNAL LINE ➡ : DVD VIDEO SIGNAL LINE ⚡ : MAIN SIGNAL LINE

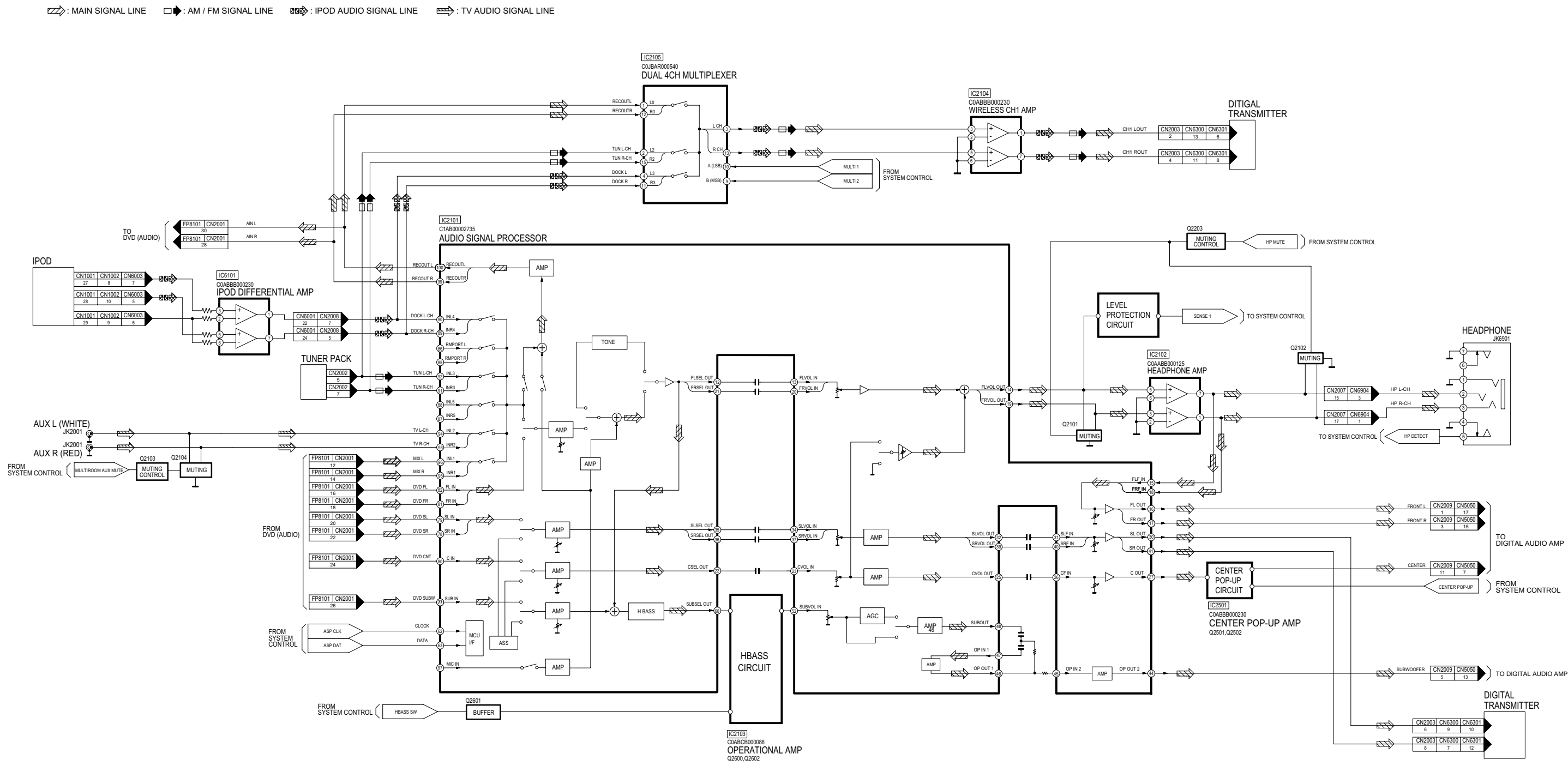


SA-PT960PX DVD (HDMI) BLOCK DIAGRAM

14.5. VIDEO

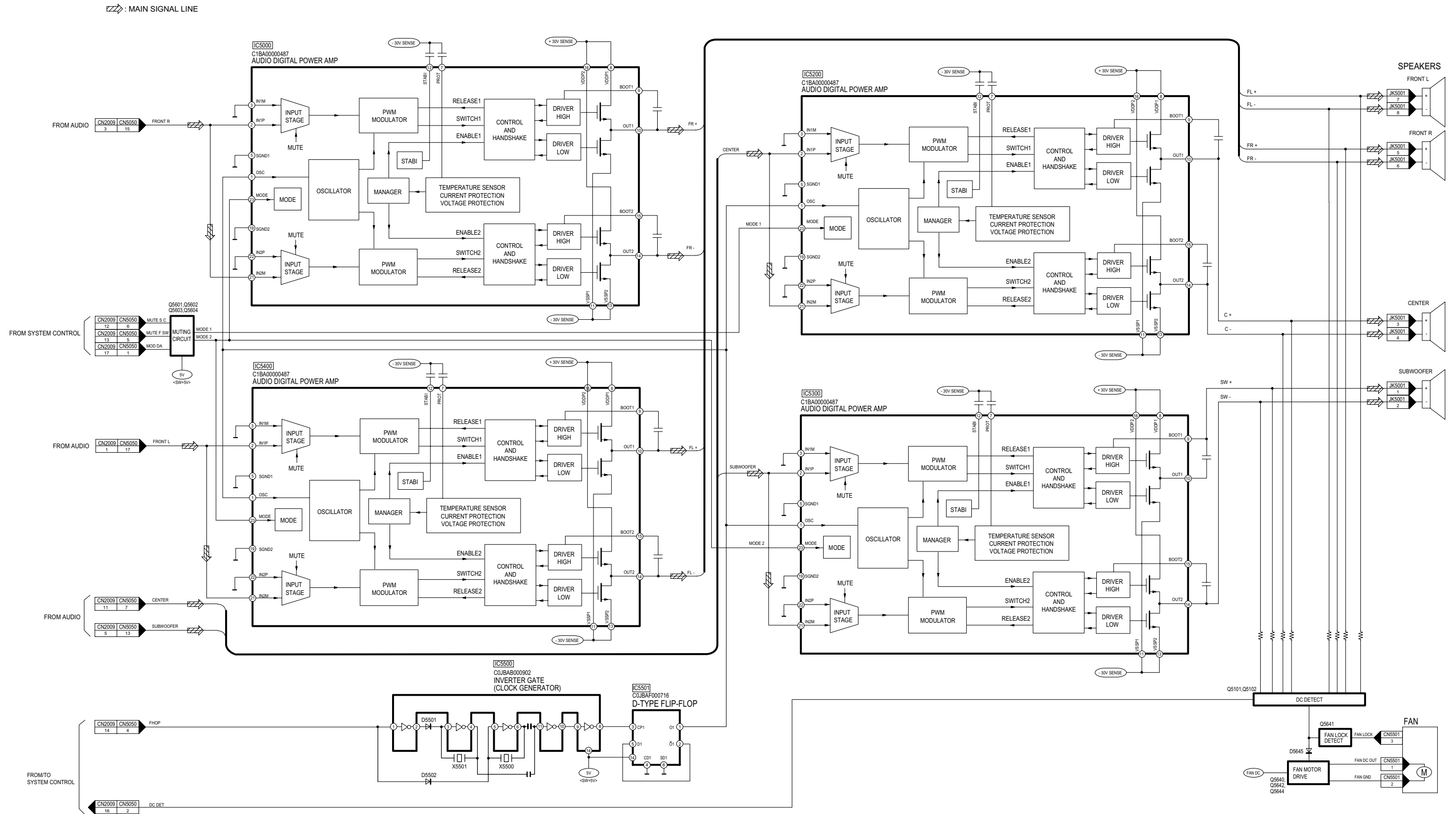


14.6. Audio

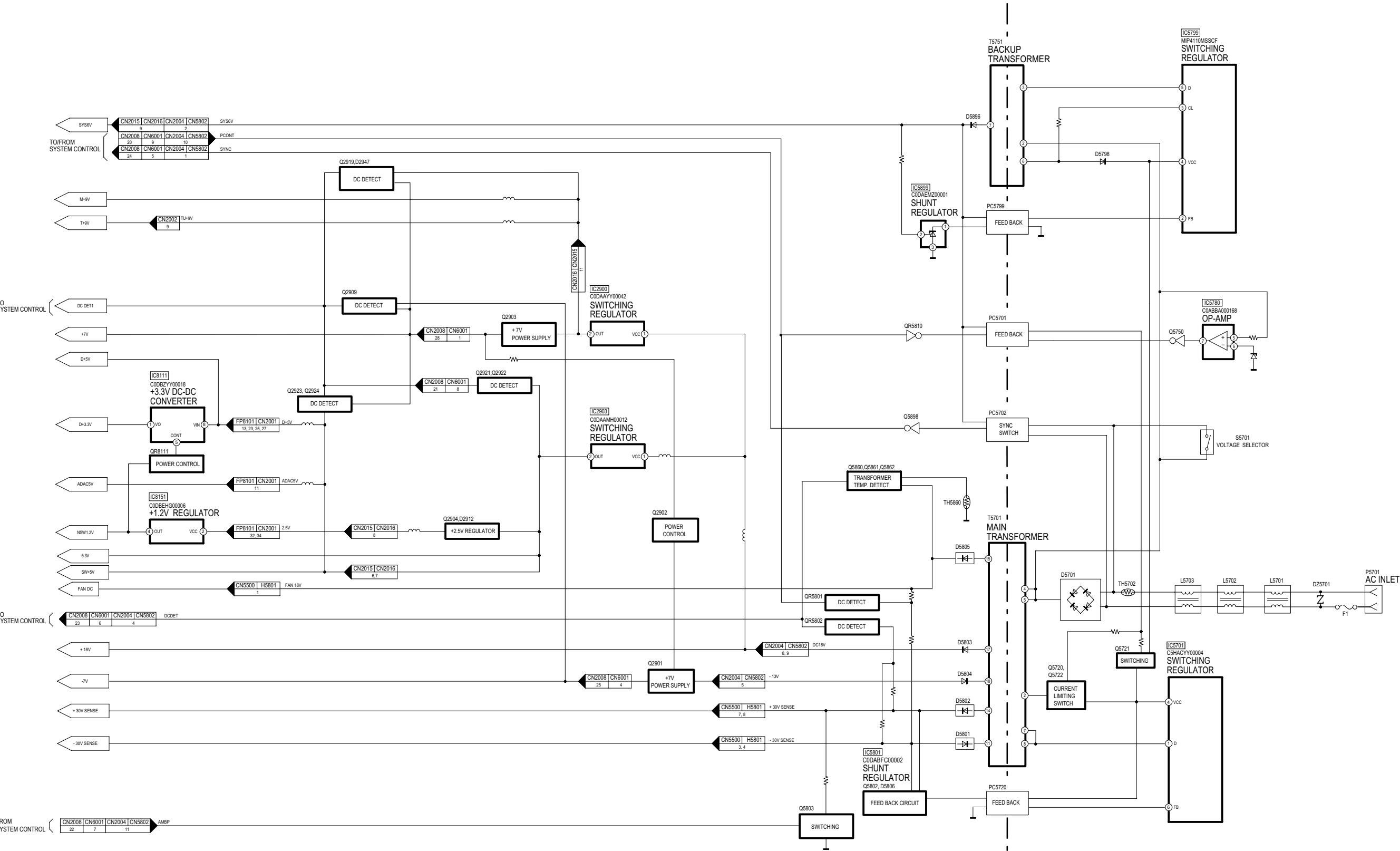


SA-PT960PX AUDIO BLOCK DIAGRAM

14.7. Digital Audio Amp



14.8. Power



SA-PT960PX POWER BLOCK DIAGRAM

15 Schematic Diagram Notes

- This schematic diagram may be modified at any time with the development of new technology.

Notes:

S5701: SW Voltage Selector.

S6801: Power switch (POWER ).

S6802: DISC 1 switch.

S6803: DISC 2 switch.

S6804: DISC 3 switch.

S6805: DISC 4 switch.

S6806: DISC 5 switch.

S6807: Open/Close switch ( OPEN/CLOSE).

S6808: Disc Exc switch (EXCHANGE).

S6901: Play/Memory switch ().

S6902: Backward/Tune  switch (  ).

S6903: Forward/Tune  switch (  ).

S6904: Stop/-Tune mode/FM mode switch ( -TUNE/-FM MODE).

S6905: SW Boost switch.

S6907: Selector switch.

VR6901: VR volume jog.

- Important safety notice:

Components identified by mark have special characteristics important for safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.

When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

- In case of AC rated voltage Capacitor, the part no. and values will be indicated in the Schematic Diagram.

AC rated voltage capacitor:

C5700, C5701, C5703, C5704, C5705, C5706, C5707

- Resistor

Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).

- Capacitor

Unit of capacitance is μF , unless otherwise noted. F=Farad,
pF=Pico-Farad

- **Coil**

Unit of inductance is H, unless otherwise noted.

- *

For indication only.

- Voltage and signal line

: +B signal line

	: -B signal line
	: DVD RF signal line
	: Motor Drive signal line
	: DVD Audio signal line
	: DVD Video signal line
	: CD Head signal line
	: DVD Head signal line
	: Main signal line
	: Tracking Error signal line
	: Focus Error signal line
	: AM/FM signal line
	: Ipod Video signal line
	: Ipod Audio signal line
	: TV Audio signal line

CAUTION: FOR CONTINUED PROTECTION
AGAINST FIRE HAZARD,
REPLACE ONLY WITH SAME
TYPE F1 T8AH 250V FUSE



RISK OF FIRE-REPLACE FUSE AS MARKED.

- FUSE CAUTION



 These symbols located near the fuse indicates that the fuse used is fast operating type. For continued protection against fire hazard, replace with the same type fuse. For fuse rating, refer to the marking adjacent to the symbol.

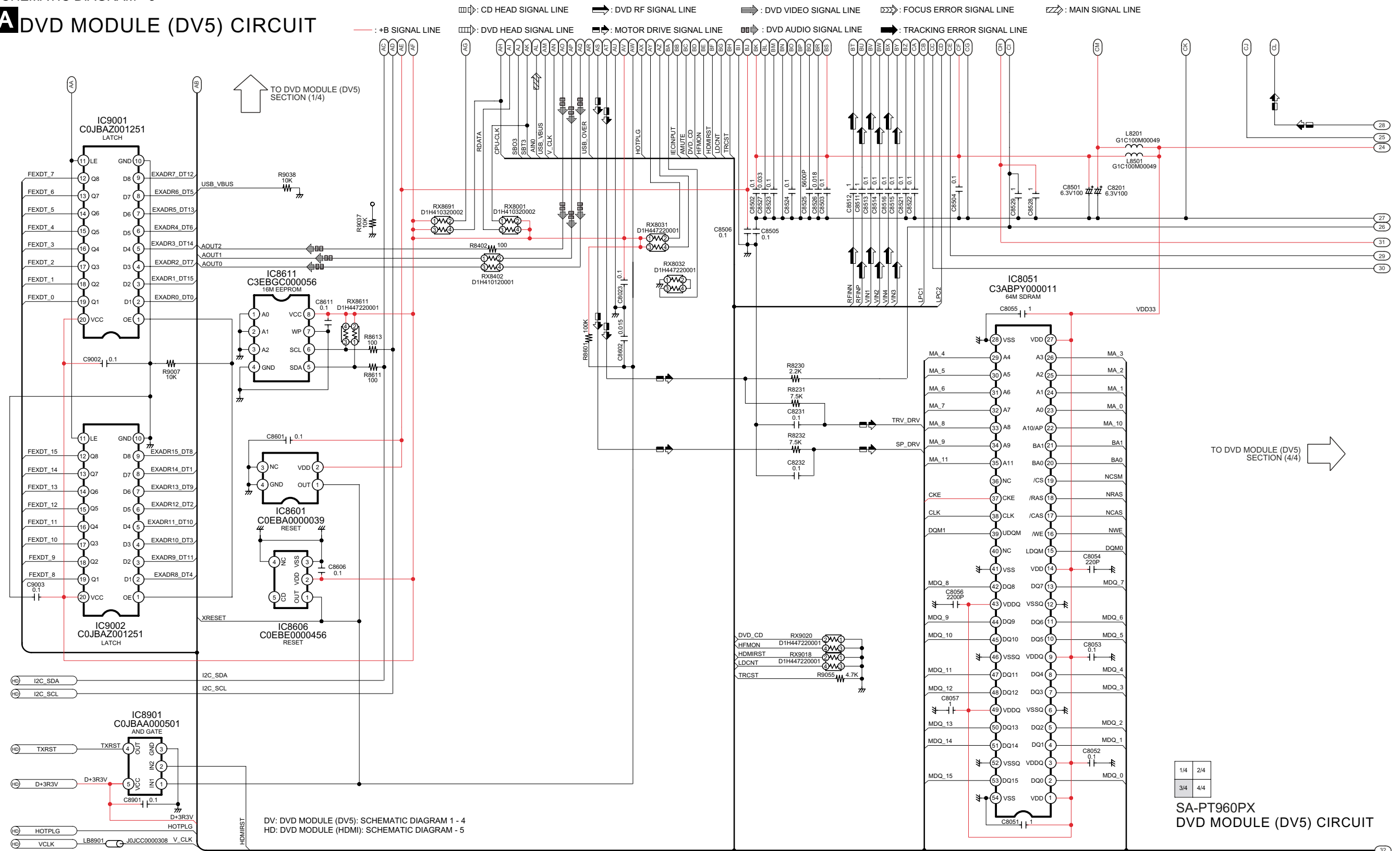


 : +B SIGNAL LINE
 : DVD HEAD SIGNAL LINE
 : DVD RF SIGNAL LINE
 : DVD VIDEO SIGNAL LINE
 : FOCUS ERROR SIGNAL LINE
 : MAIN SIGNAL LINE
 : MOTOR DRIVE SIGNAL LINE
 : DVD AUDIO SIGNAL LINE
 : TRACKING ERROR SIGNAL LINE



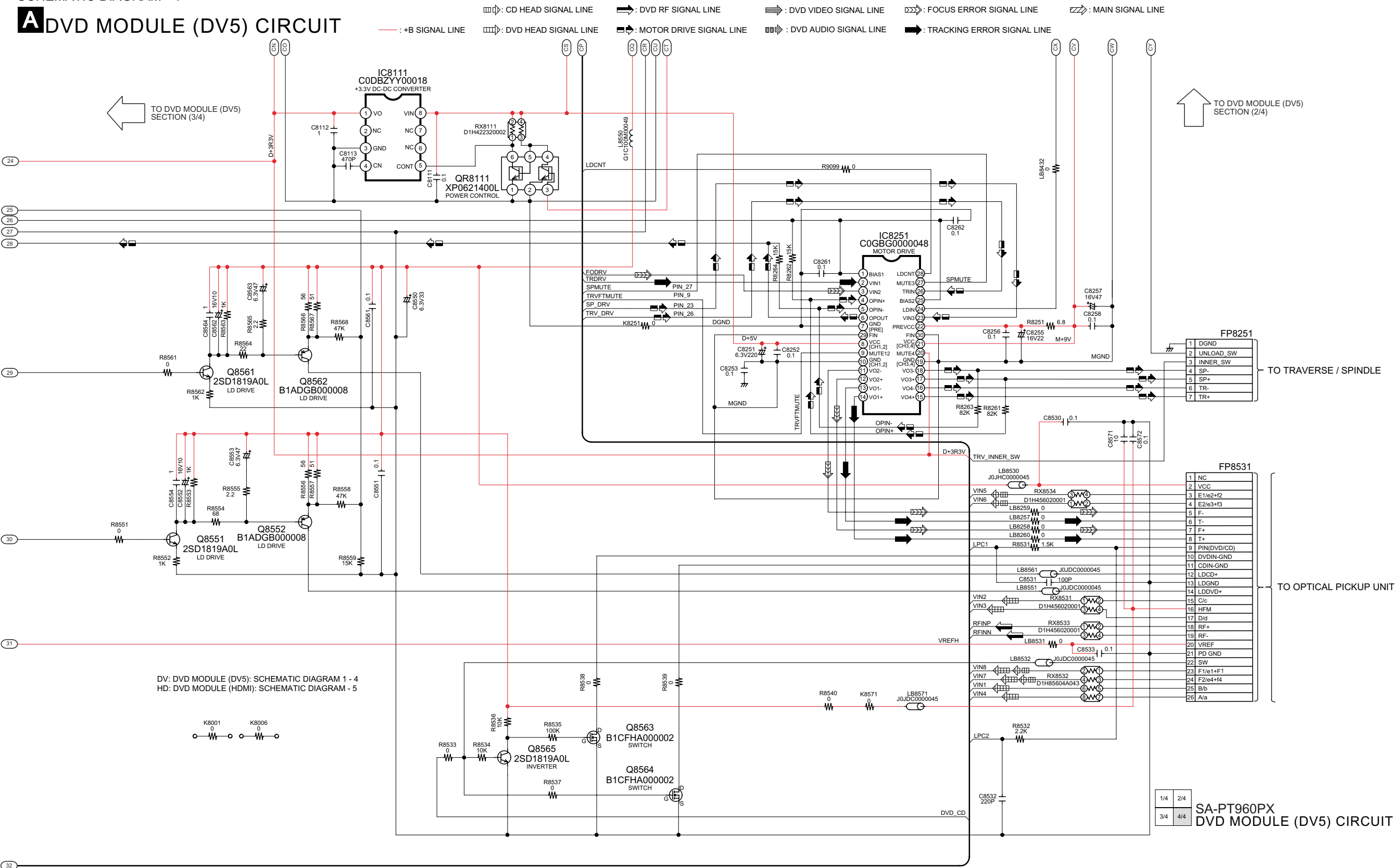
SCHEMATIC DIAGRAM - 3

DVD MODULE (DV5) CIRCUIT

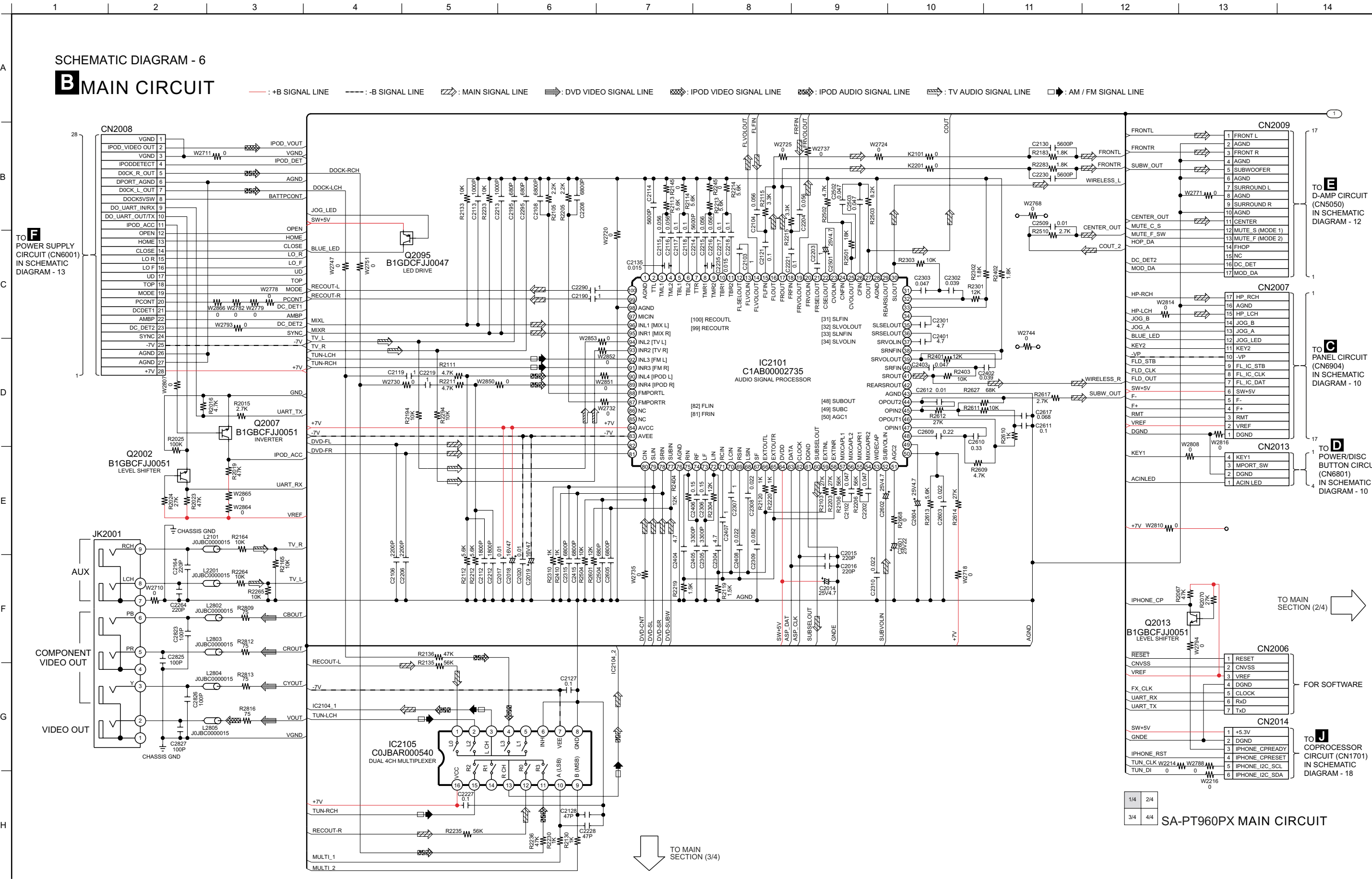


SCHEMATIC DIAGRAM - 4

A DVD MODULE (DV5) CIRCUIT



16.2. Main Circuit

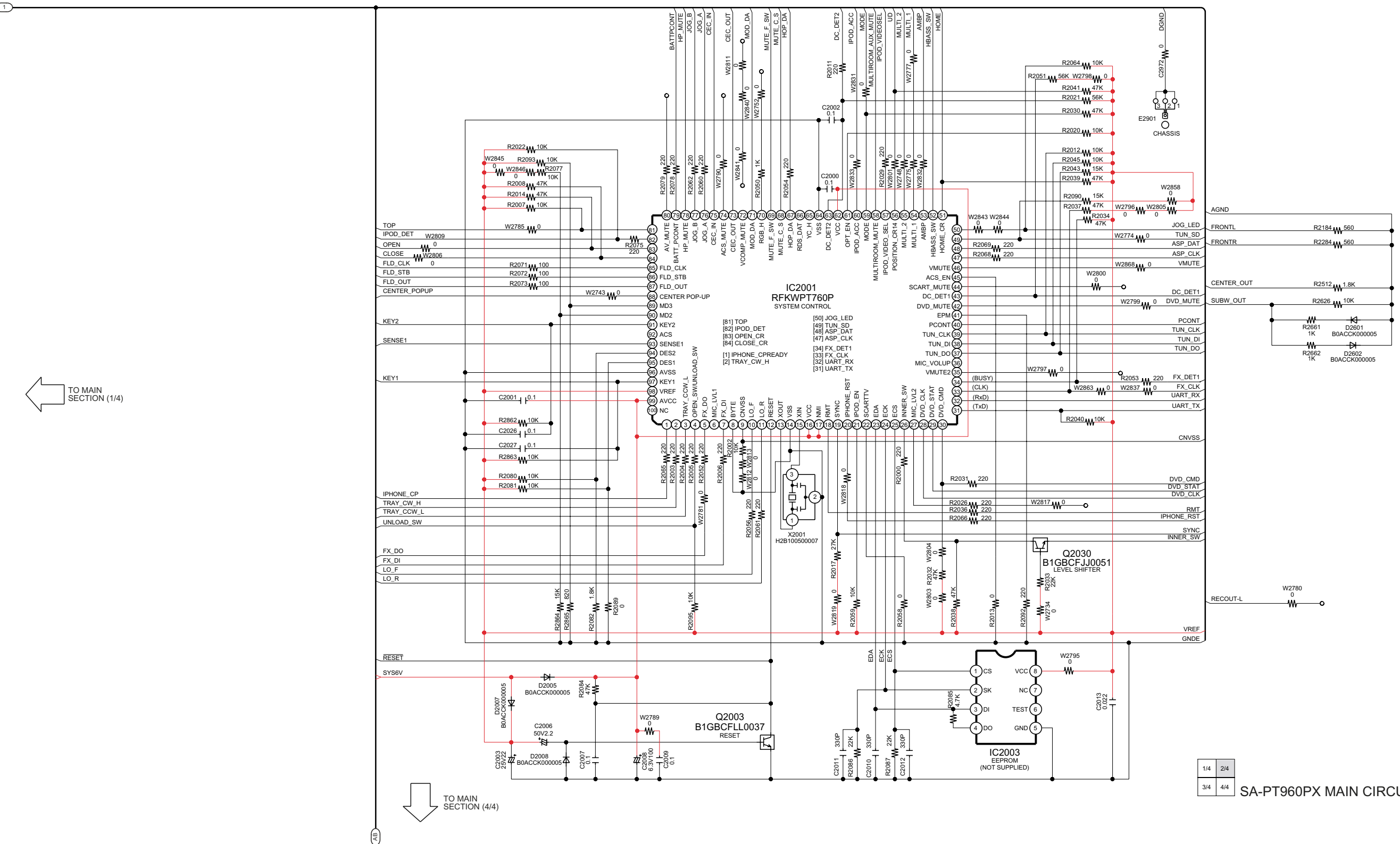


15 16 17 18 19 20 21 22 23 24 25 26 27 28

SCHEMATIC DIAGRAM - 7

B MAIN CIRCUIT

— : +B SIGNAL LINE - - - : -B SIGNAL LINE  : MAIN SIGNAL LINE  : DVD VIDEO SIGNAL LINE  : IPOD VIDEO SIGNAL LINE  : IPOD AUDIO SIGNAL LINE  : TV AUDIO SIGNAL LINE  : AM / FM SIGNAL LINE



SCHEMATIC DIAGRAM - 8

B MAIN CIRCUIT

— : +B SIGNAL LINE - - - : -B SIGNAL LINE ≡ : MAIN SIGNAL LINE ≡ : DVD VIDEO SIGNAL LINE ≡ : IPOD VIDEO SIGNAL LINE ≡ : IPOD AUDIO SIGNAL LINE ≡ : TV AUDIO SIGNAL LINE □ : AM / FM SIGNAL LINE

TO **A**
DVD MODULE (DV5)
CIRCUIT (FP8101)
IN SCHEMATIC
DIAGRAM - 2

TO TUNER PACK
(ENG06842QRF)

TO MAIN
SECTION (4/4)

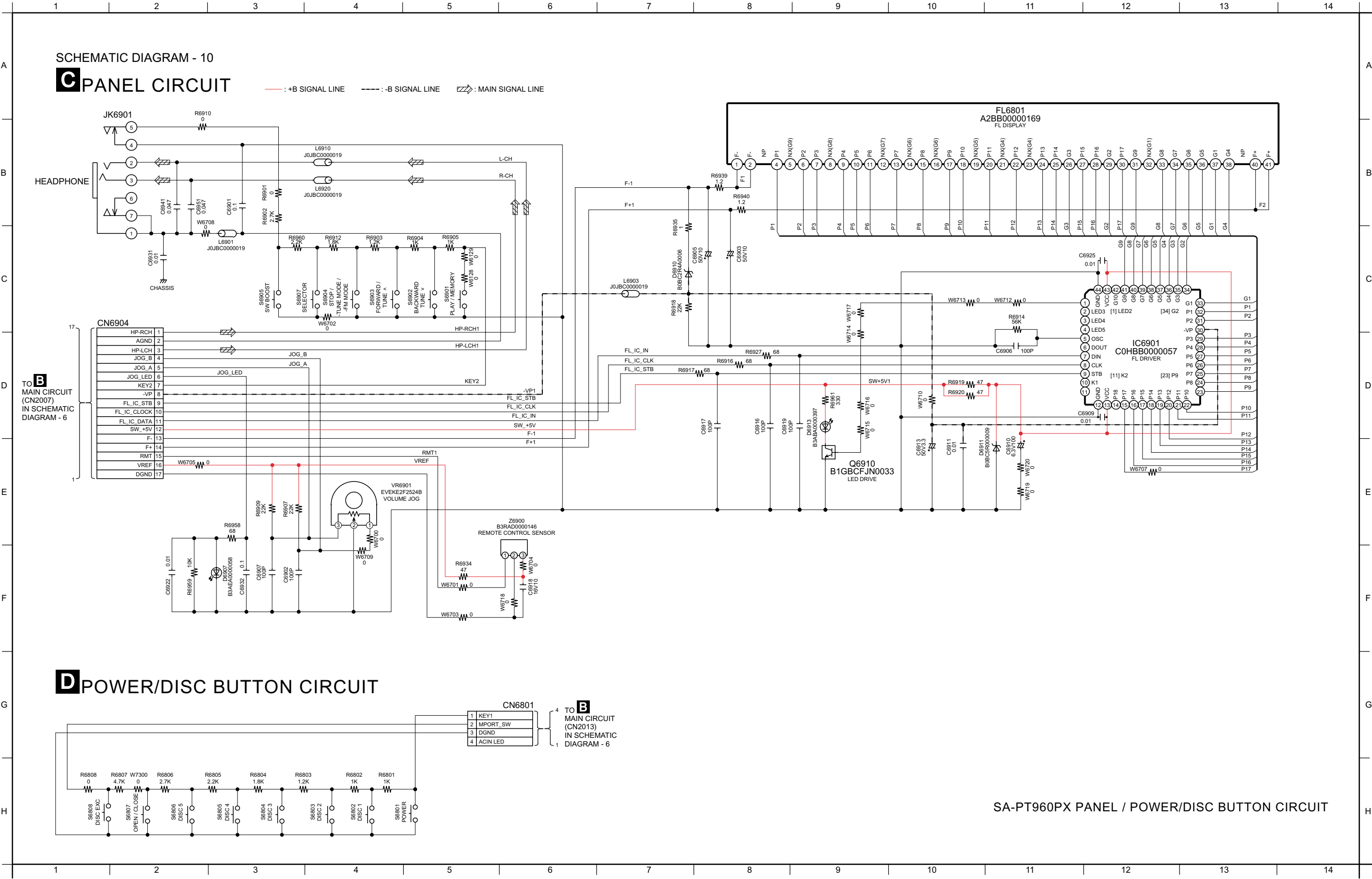
TO **F**
POWER SUPPLY
CIRCUIT (CN2016)
IN SCHEMATIC
DIAGRAM - 13

B MAIN CIRCUIT

 : +B SIGNAL LINE
 : -B SIGNAL LINE
 : MAIN SIGNAL LINE
 : DVD VIDEO SIGNAL LINE
 : IPOD VIDEO SIGNAL LINE
 : IPOD AUDIO SIGNAL LINE
 : TV AUDIO SIGNAL LINE
 : AM / FM SIGNAL LINE



16.3. Panel, Power/Disc Button Circuit

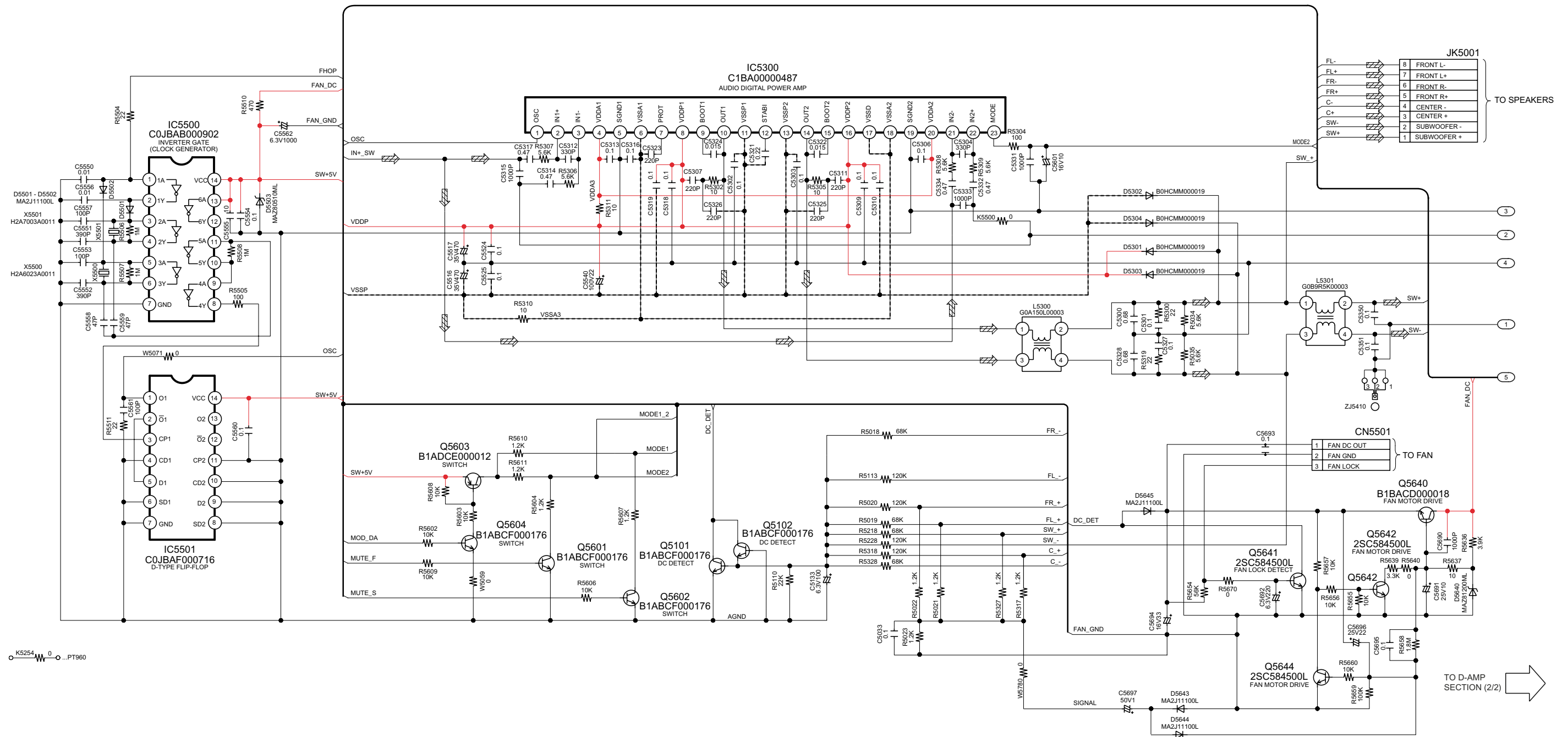


16.4. D-Amp Circuit

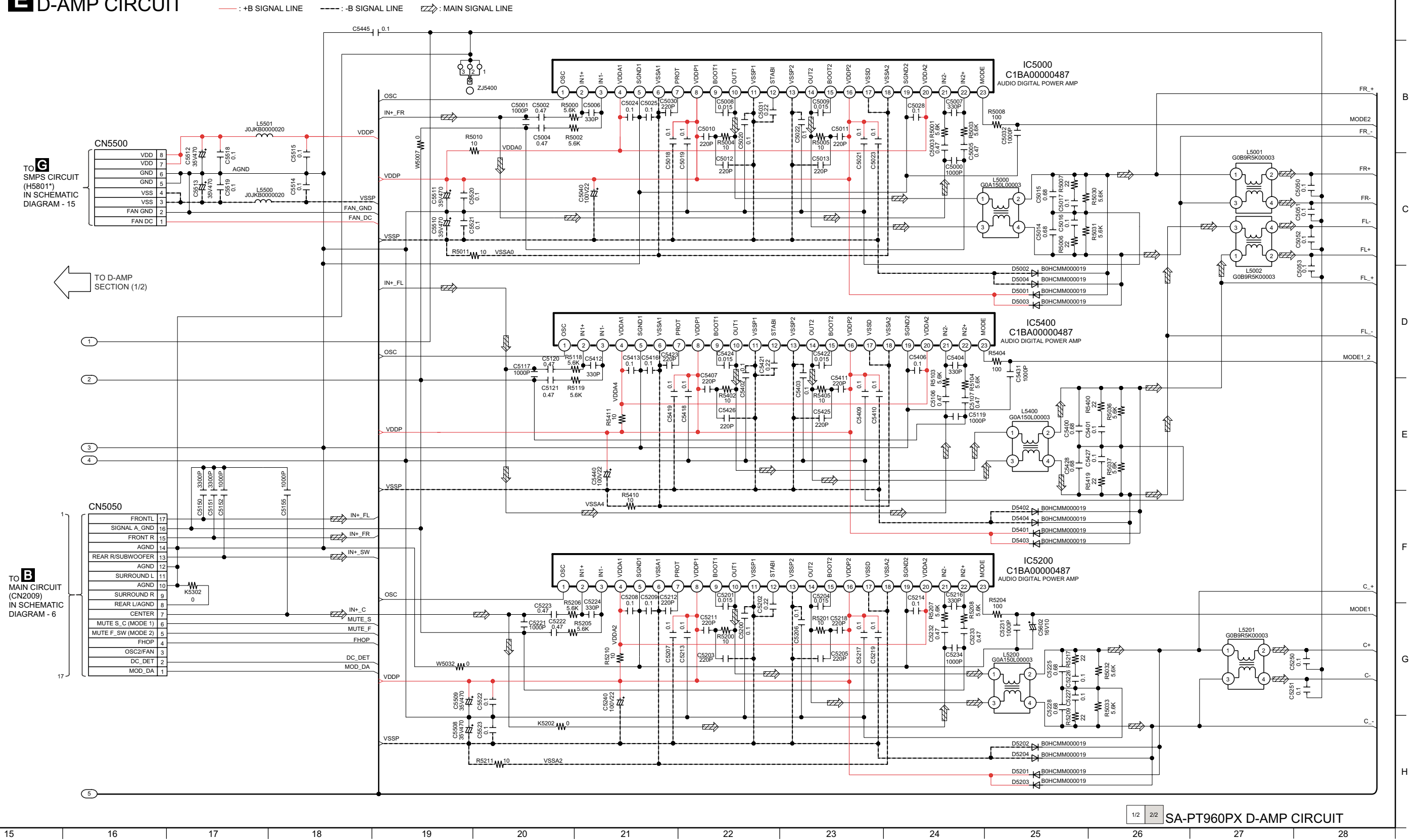
SCHEMATIC DIAGRAM - 11

E D-AMP CIRCUIT

— : +B SIGNAL LINE --- : -B SIGNAL LINE  : MAIN SIGNAL LINE



E D-AMP CIRCUIT

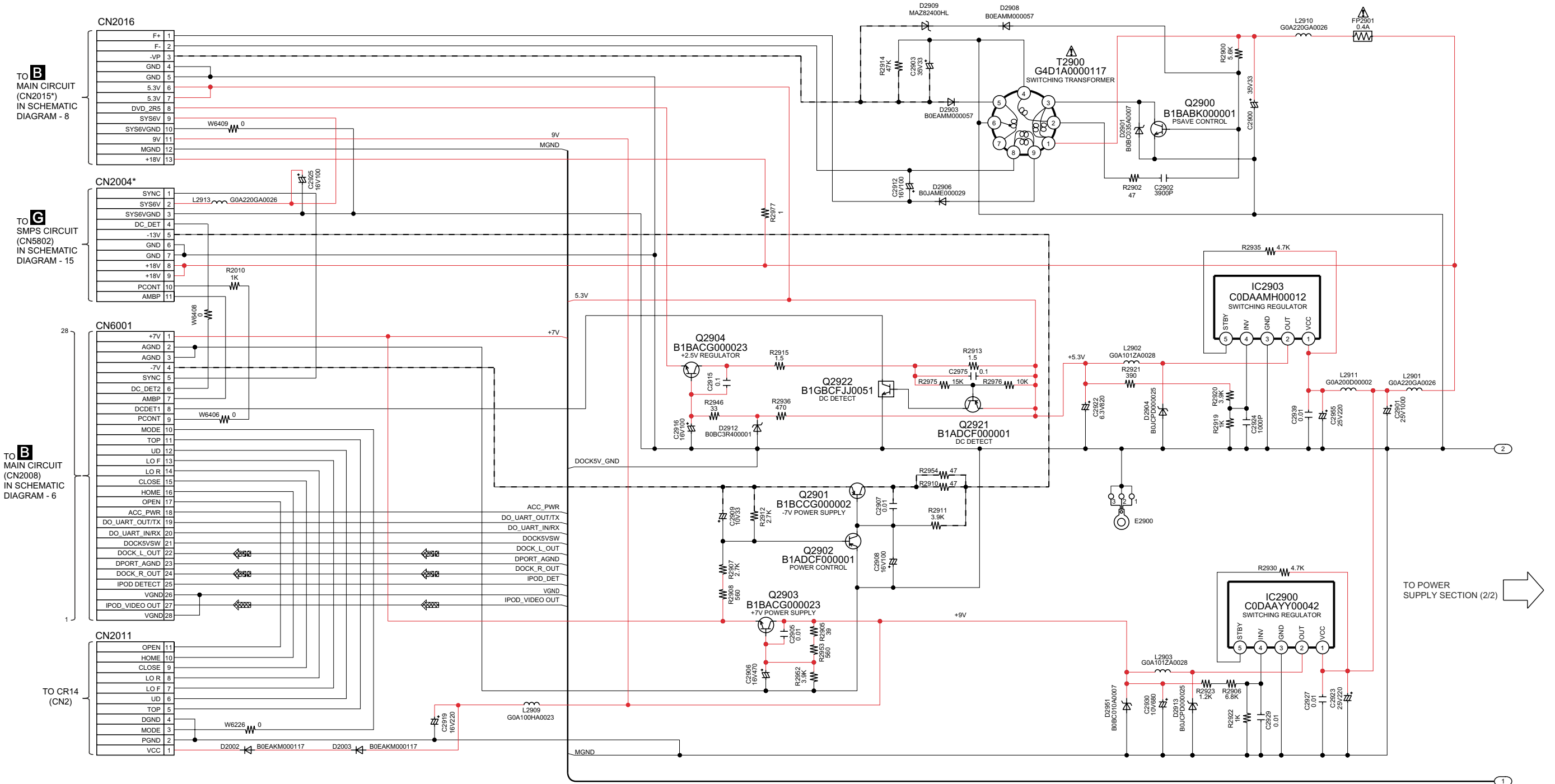


16.5. Power Supply Circuit

SCHEMATIC DIAGRAM - 13

F POWER SUPPLY CIRCUIT

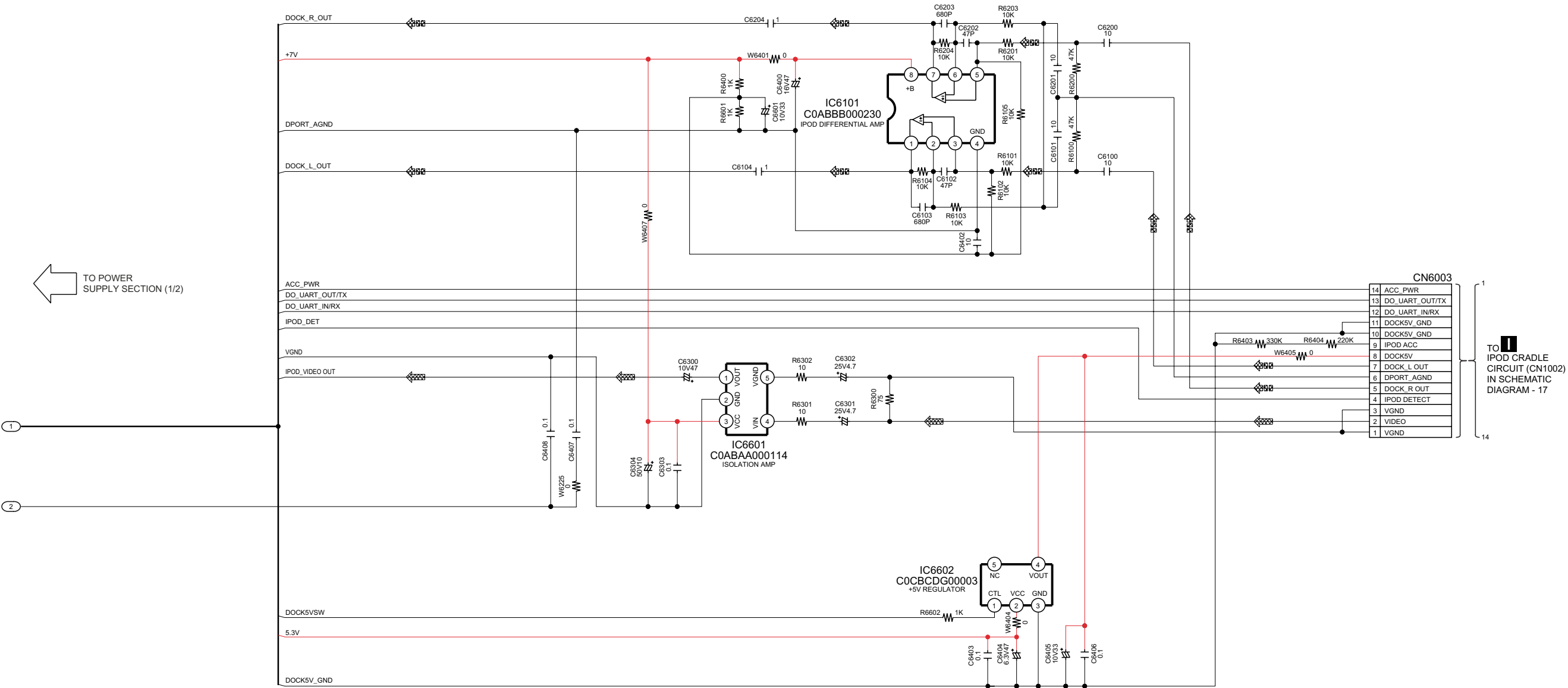
— : +B SIGNAL LINE - - - : -B SIGNAL LINE  : IPOD AUDIO SIGNAL LINE  : IPOD VIDEO SIGNAL LINE



SCHEMATIC DIAGRAM - 14

POWER SUPPLY CIRCUIT

— : +B SIGNAL LINE - - - : -B SIGNAL LINE  : IPOD AUDIO SIGNAL LINE  : IPOD VIDEO SIGNAL LINE

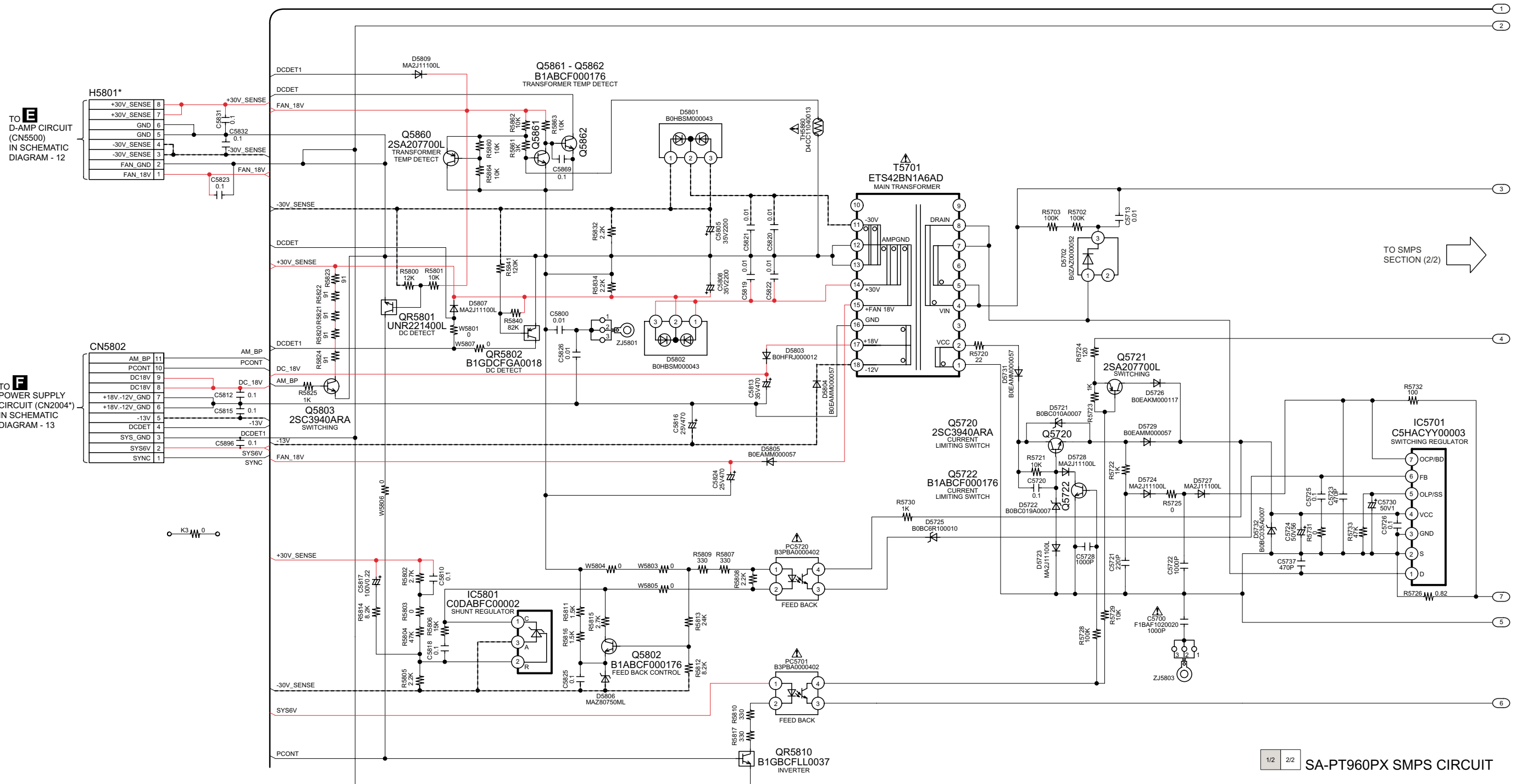


16.6. SMPS Circuit

SCHEMATIC DIAGRAM - 15

G SMPS CIRCUIT

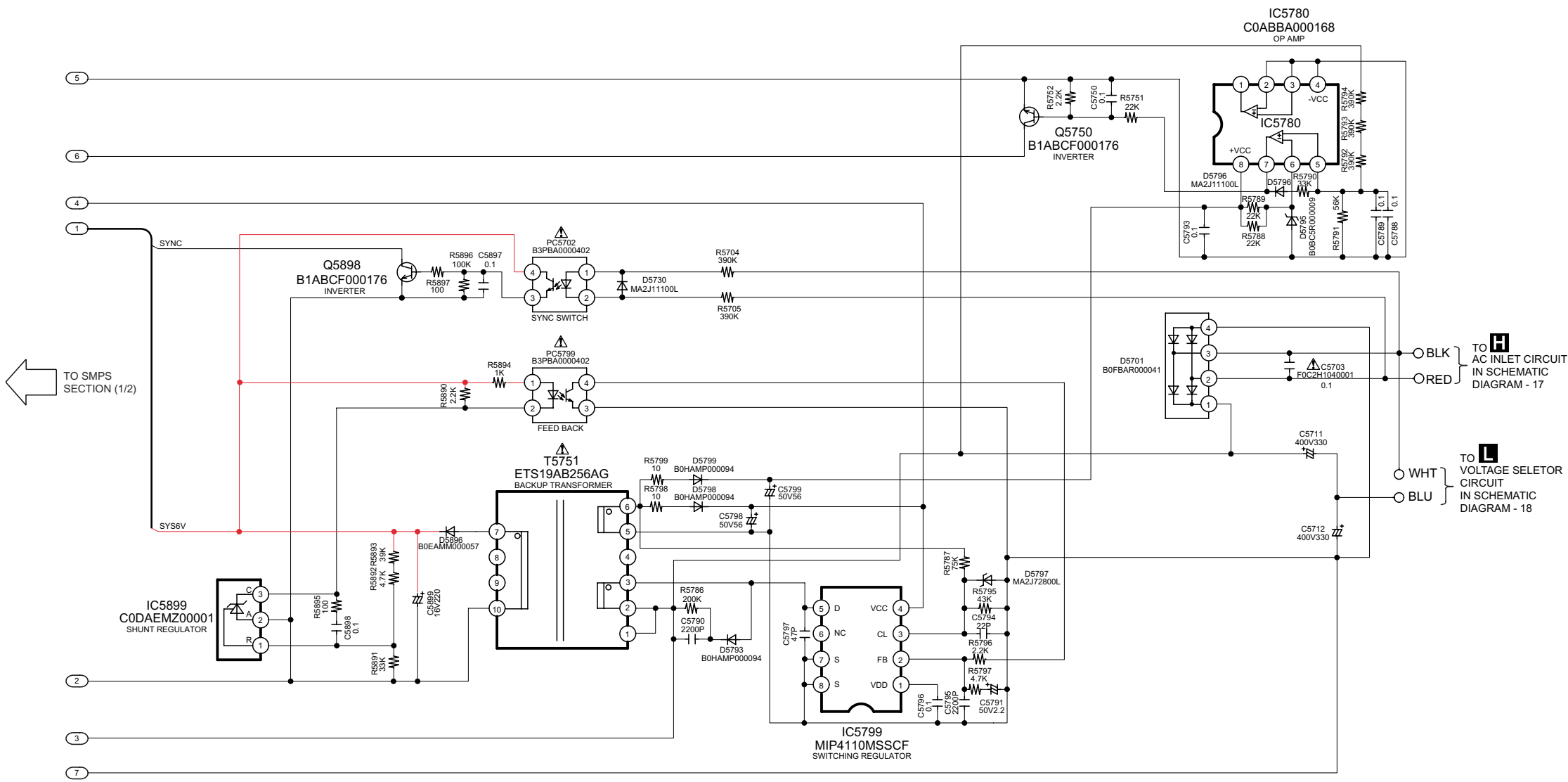
— : +B SIGNAL LINE - - - : -B SIGNAL LINE



SCHEMATIC DIAGRAM - 16

G SMPS CIRCUIT

— : +B SIGNAL LINE - - - - : -B SIGNAL LINE



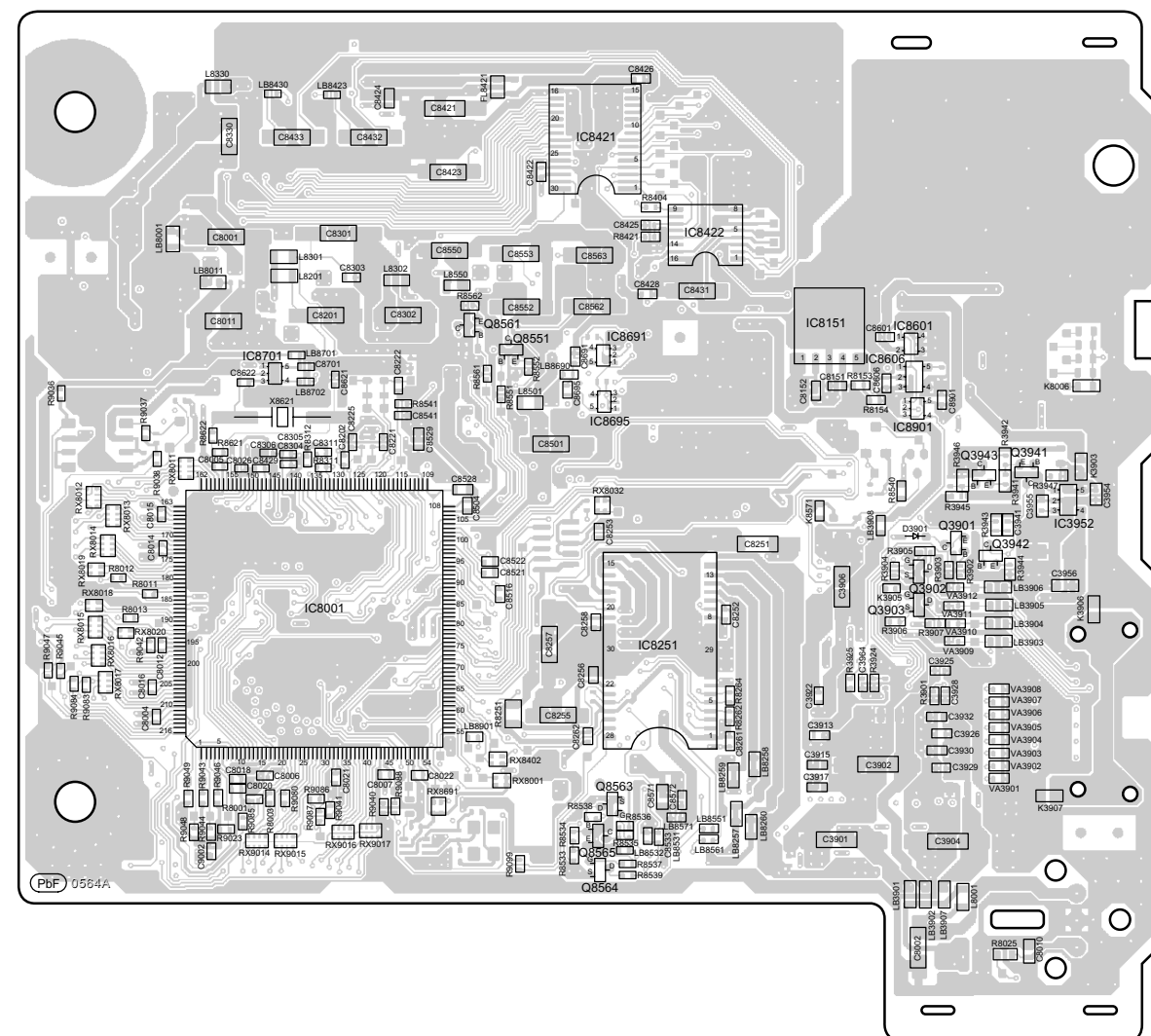
JCOPROCESSOR CIRCUIT



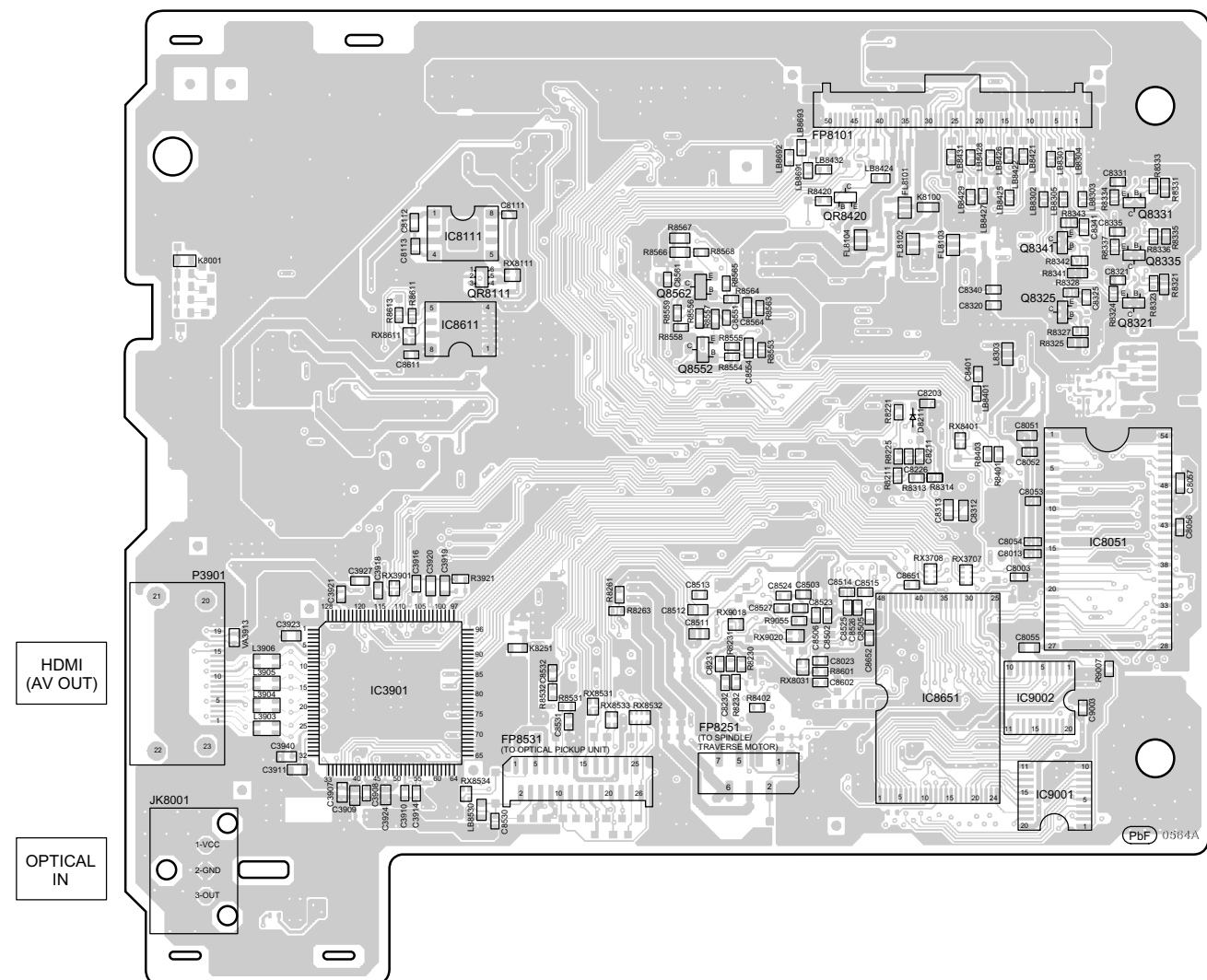
17 Printed Circuit Board

17.1. DVD Module P.C.B.

A DVD MODULE P.C.B. (REPX0620B)

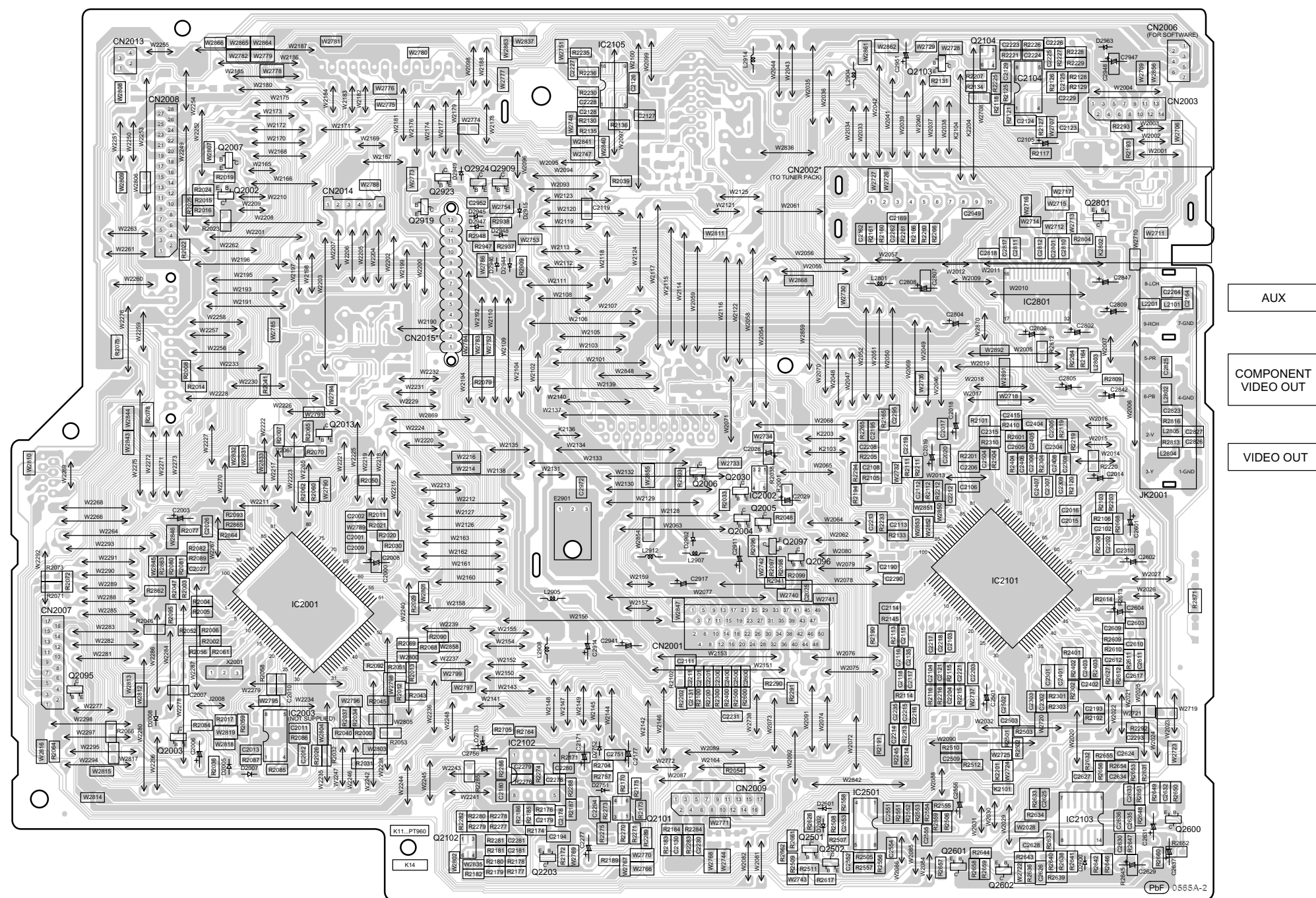


(SIDE A)



(SIDE B)

17.2. Main P.C.B.

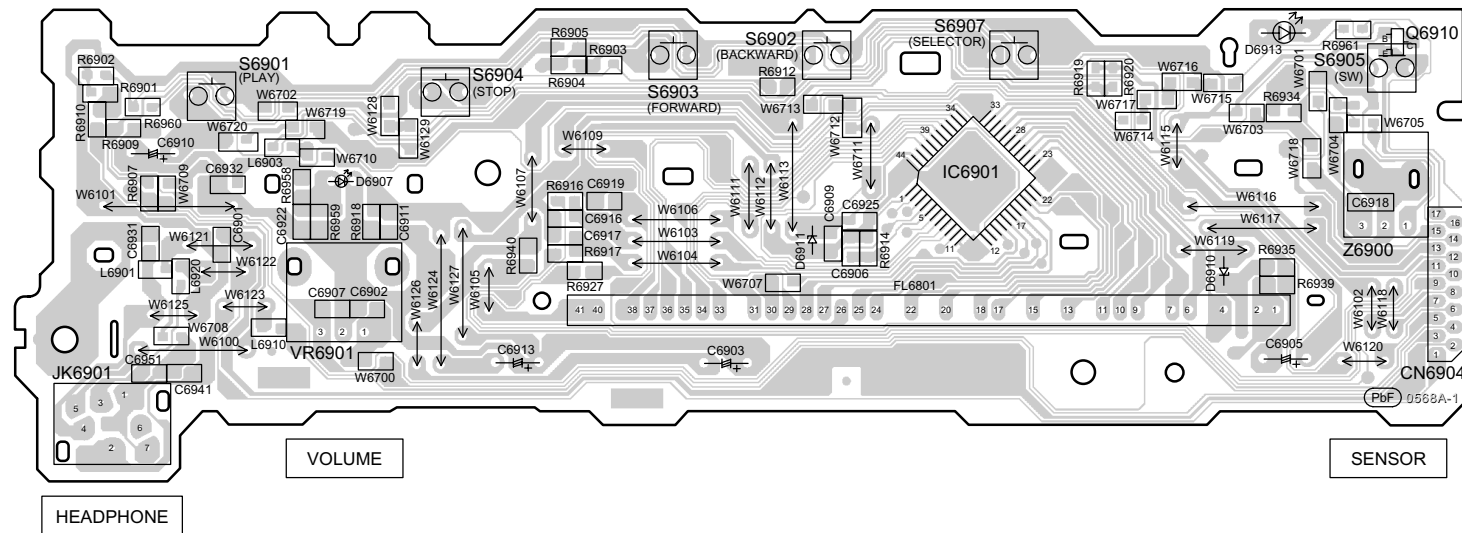
B MAIN P.C.B. (REPX0626C)

* FOR INDICATION ONLY

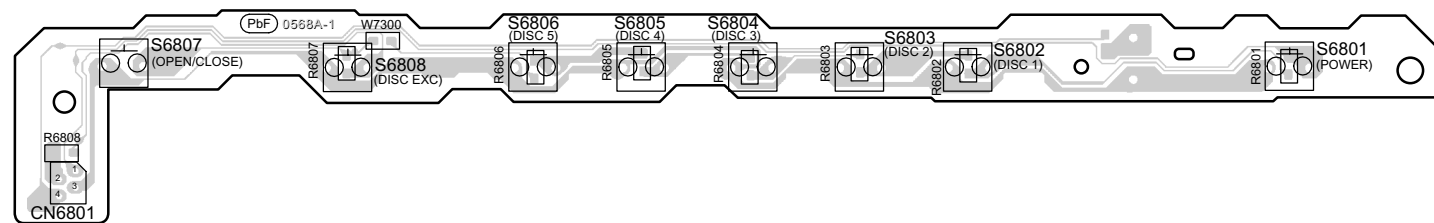
SA-PT960PX
MAIN P.C.B.

17.3. Panel, Power/Disc Button, Power Supply & AC Inlet P.C.B.

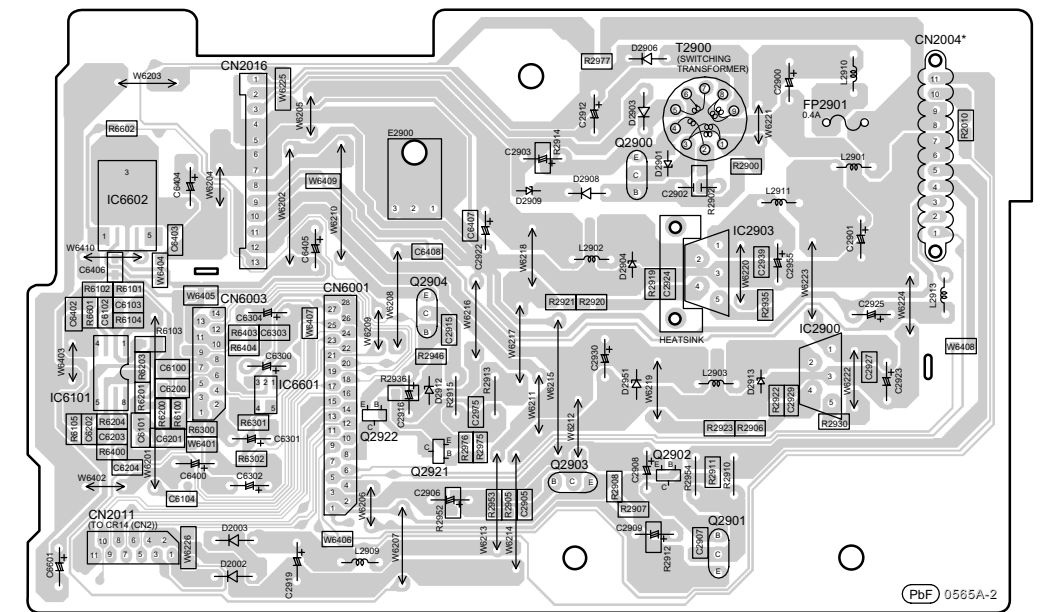
C PANEL P.C.B. (REPX0655L)



D POWER/DISC BUTTON P.C.B. (REPX0655L)

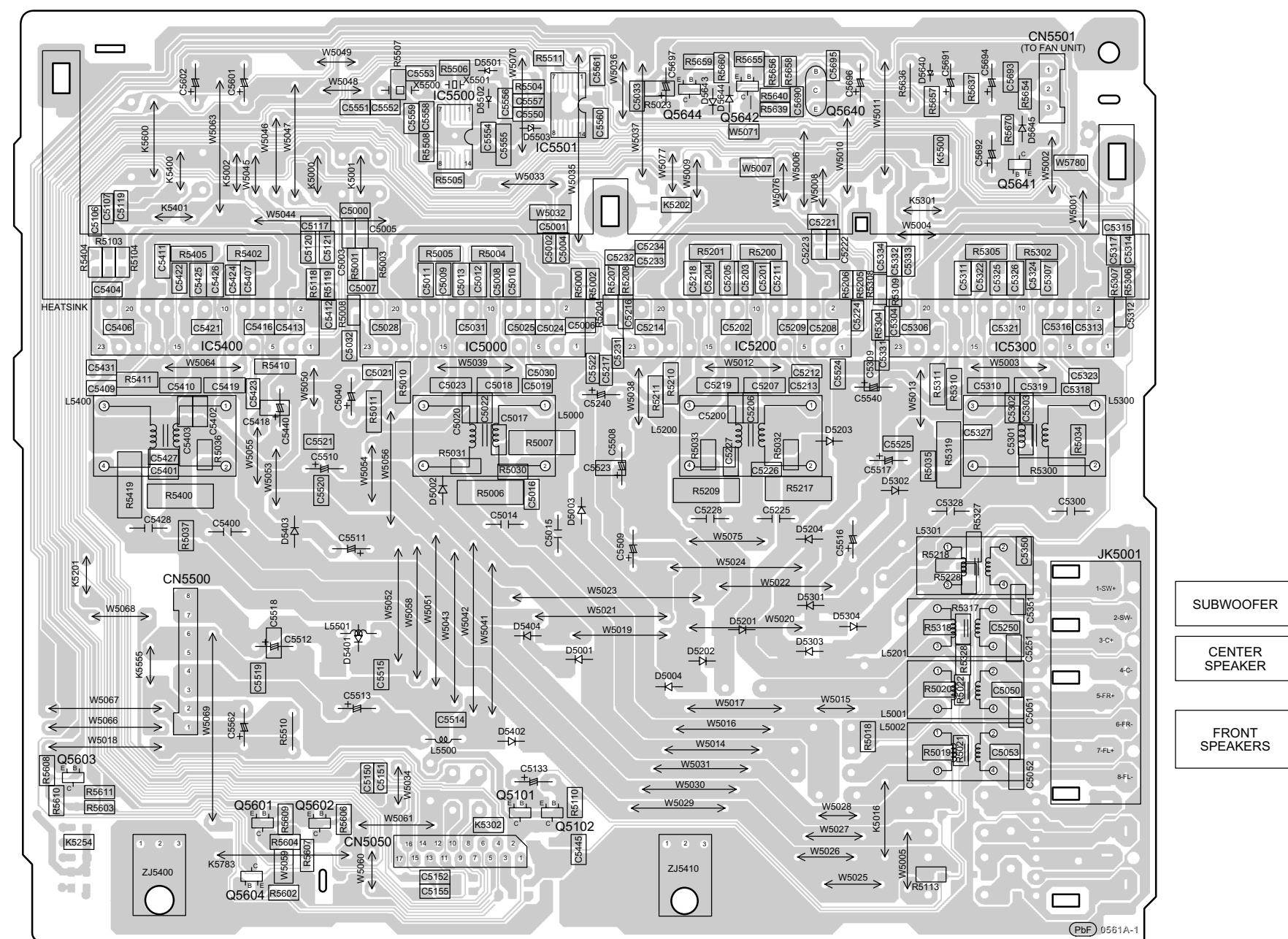


F POWER SUPPLY P.C.B. (REPX0626C)



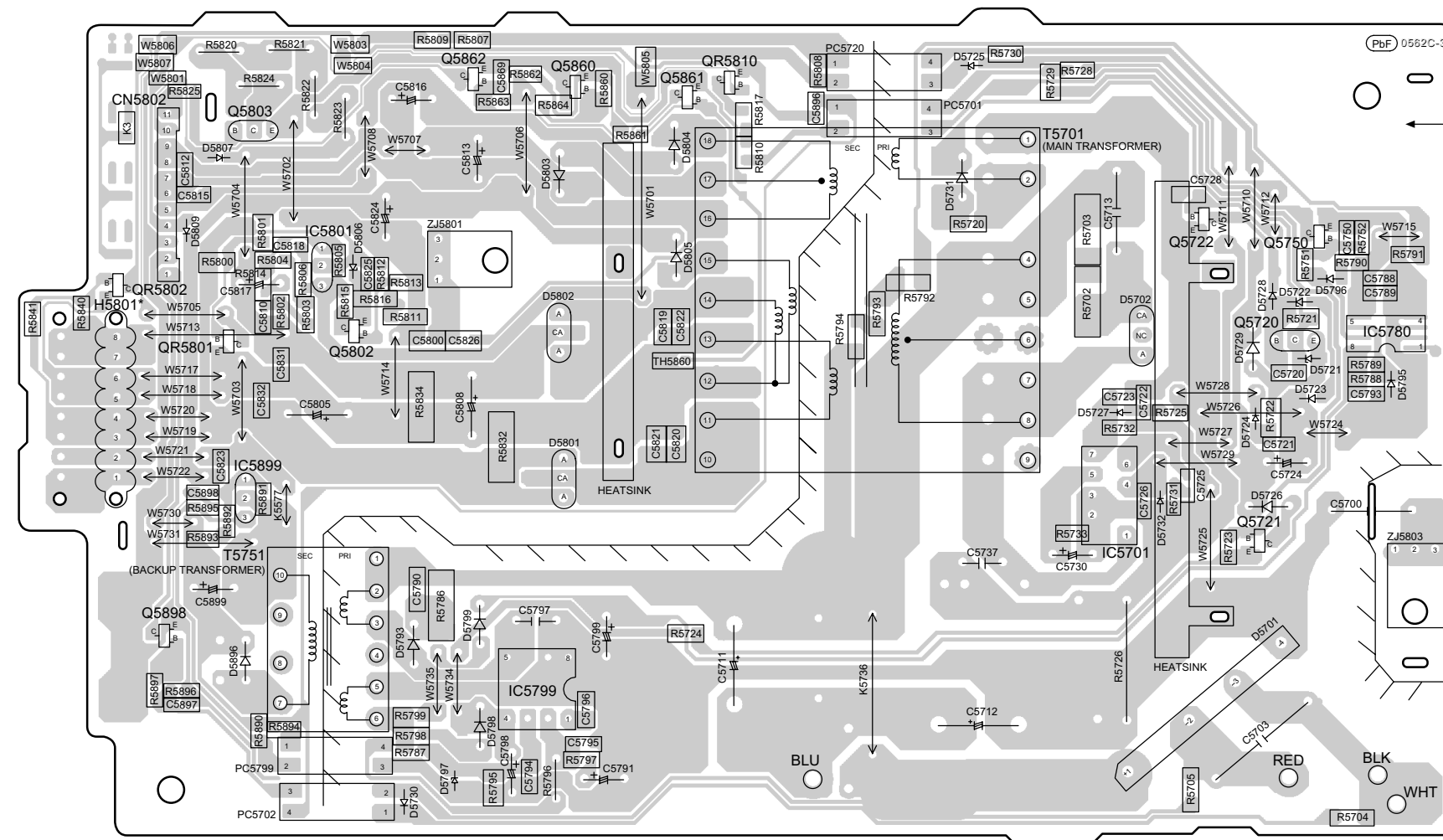
17.4. D-Amp P.C.B.

E D-AMP P.C.B. (REPX0621B)



17.5. SMPS P.C.B.

G SMPS P.C.B. (REPX0622C)



CAUTION
RISK OF ELECTRIC SHOCK
AC VOLTAGE LINE.
PLEASE DO NOT TOUCH THIS P.C.B

* FOR INDICATION ONLY

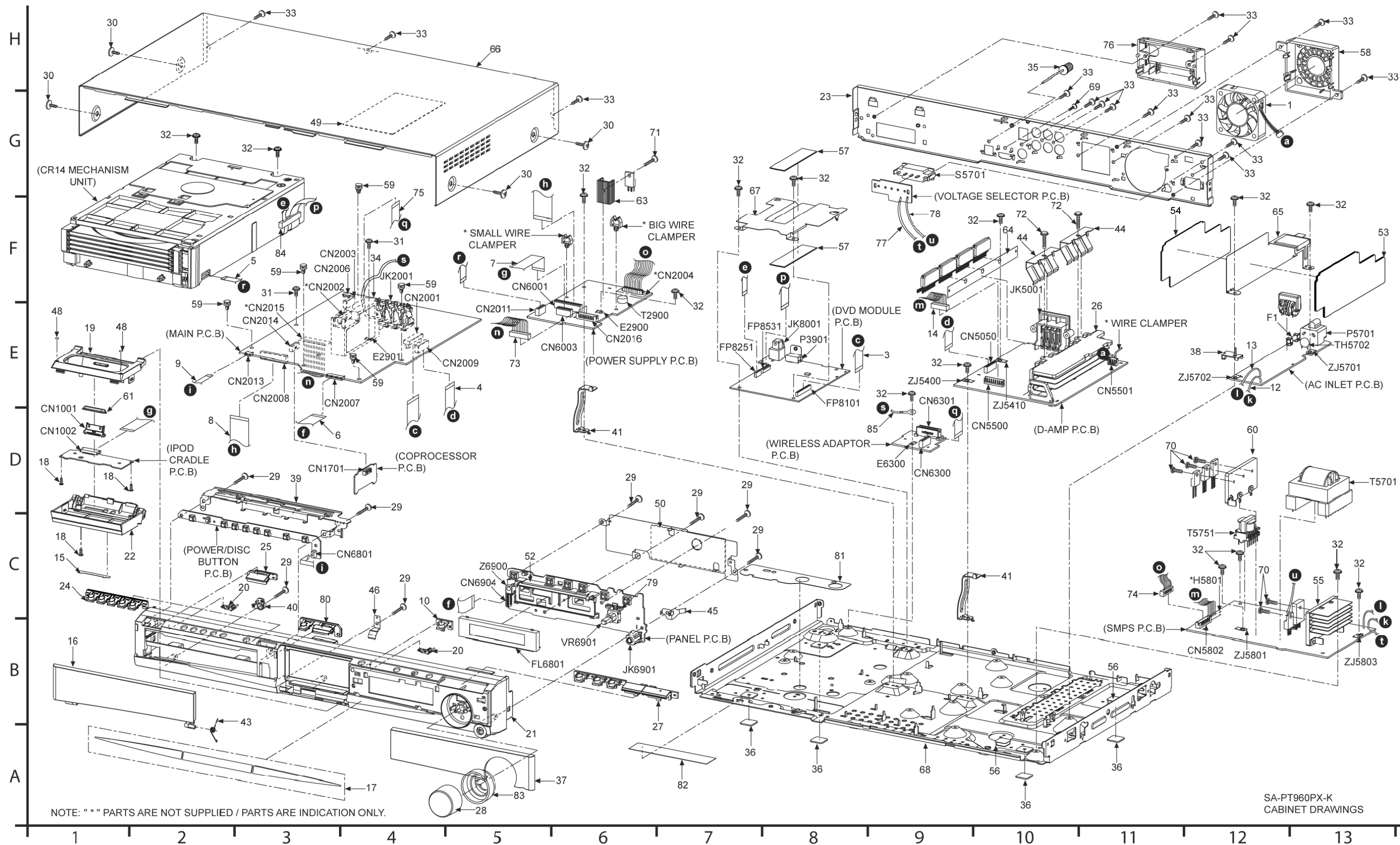
SA-PT960PX
SMPS P.C.B.

The diagram shows the layout of the Digital Transmitter PCB. Key components and their pin connections are as follows:

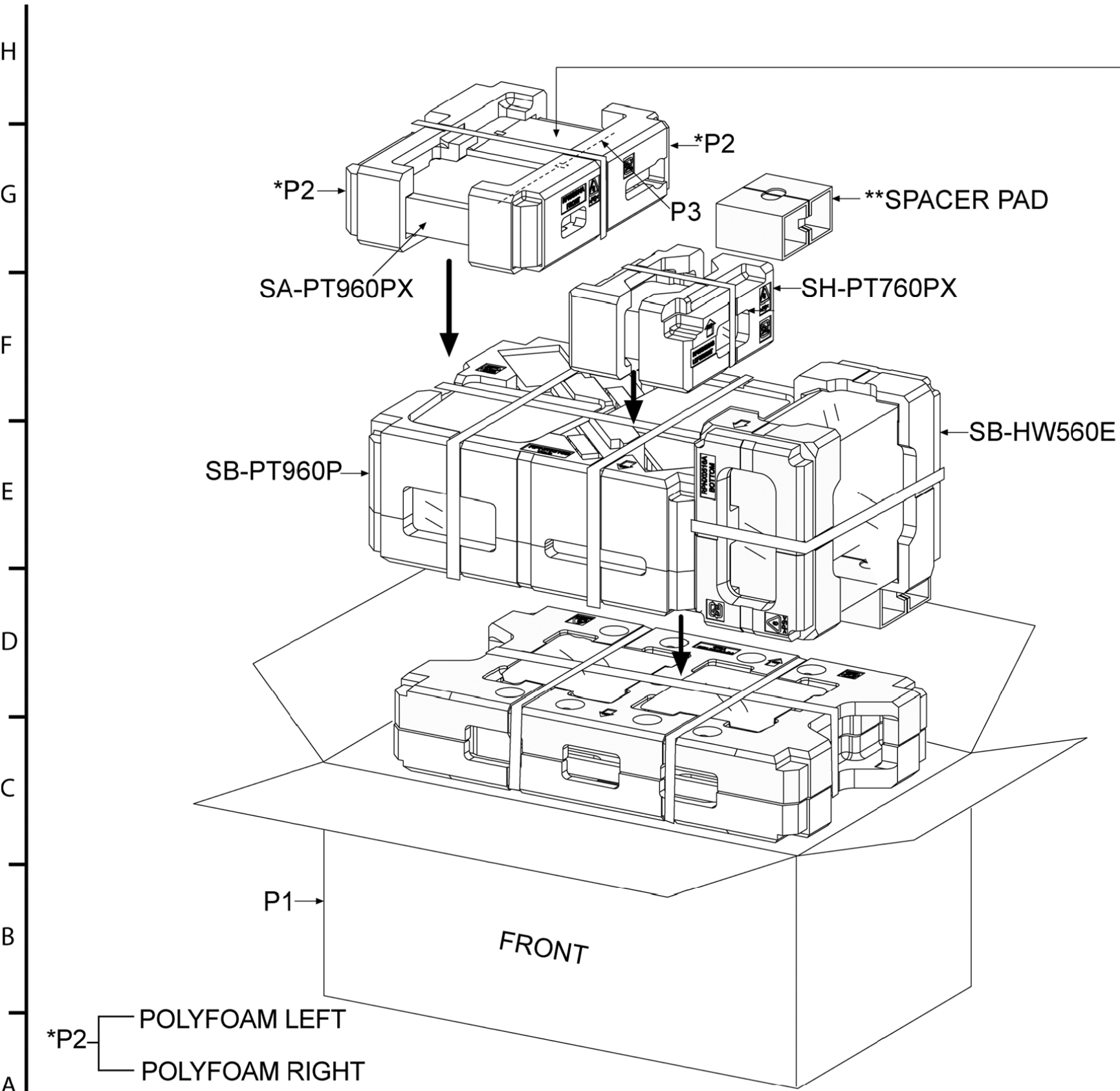
- PbF 0565A-2**: A small component at the top left.
- E6300**: A component with pins 3, 2, and 1.
- W6200**: A component with pins 1 and 2.
- W6302**: A component with pins 1 and 2.
- CN6300**: A connector with pins 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, and 2.
- CN6301**: A connector with pins 21, 19, 17, 15, 13, 11, 9, 7, 5, 3, 1, 22, 20, 18, 16, 14, 12, 10, 8, 6, 4, and 2.

18 Exploded Views

18.1. Cabinet Parts Location



18.2. Packaging



*P2 POLYFOAM LEFT
POLYFOAM RIGHT
**PARTS ARE NOT SUPPLIED.

ACCESSORIES BAG	
	A1 REMOTE CONTROL
	(FOR MAIN SET: SA-PT960PX) A2 AC CORD
	(FOR WIRELESS SYSTEM: SH-PT760PX) A2 AC CORD A12 AC CLAMP FILTER
	A3 OI BOOK
	A4 FM INDOOR ANTENNA
	A5 VIDEO CABLE
	A6 SCREW A7 SCREW
	A8 SPEAKER CABLE STICKERS
	A9 AM LOOP ANTENNA
	A10 SPEAKER CORD ASSY (CENTER) A10-1 CONNECTOR HOUSING (GREEN)
	A11 AC PLUG ADAPTOR

19 Replacement Parts List

Notes:

- Important safety notice:
Components identified by $\triangle$ mark have special characteristics important for safety purpose.
Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.
When replacing any of components, be sure to use only manufacture's specified parts shown in the parts list.
- Warning: This product uses a laser diode. Refer to caution statements.
- Resistance values are in ohms, unless specified otherwise, 1K=1,000 (OHM), 1M=1,000K (OHM).
- The parenthesized indications in the Remarks columns specify the model names and areas. (Refer to the cover page)
- The marking (RTL) indicates the retention time is limited for this item. After the discontinuation of this assembly in production, it will no longer be available.
- Parts mentioned [M] are supplied from PAVCSG.
- Parts mentioned [SPG] are supplied from PAVC.
- Reference for O/I book languages are as follows:

Ar: Arabic	Du: Dutch	It: Italian	Sp: Spanish
Cf: Canadian French	En: English	Ko: Korean	Sw: Swedish
Cz: Czech	Fr: French	Po: Polish	Co: Traditional Chinese
Da: Danish	Ge: German	Ru: Russian	Cn: Simplified Chinese
Pe: Persian	Ur: Ukrainian	Pr: Portuguese	

19.1. Component Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET AND CHASSIS	
1	L6FAJCC0007	FAN UNIT	[M]
3	REEX0814	50P FFC CABLE (MAIN TO DVD)	[M]
4	REEX0815	17P FFC CABLE (MAIN TO DAMP)	[M]
5	REEX0818	11P FFC CABLE (MOTOR TO PWRSUP)	[M]
6	REEX0820	17P FFC CABLE (PANEL TO MAIN)	[M]
7	REEX0821	14P FFC CABLE (IPOD TO PWRSUP)	[M]
8	REEX0822	16P FFC CABLE (PWRSUP TO MAIN)	[M]
9	REEX0823	4P FFC CABLE (PWRBUT TO MAIN)	[M]
10	RGUX0744-KJ	SUBWOOFER BUTTON	[M]
12	REXX0640-J	BLACK WIRE (AC TO SMPS)	[M] △
13	REXX0641-J	RED WIRE (AC TO SMPS)	[M] △
14	REXX0651	8P WIRE (SMPS-DAMP)	[M]
15	RGB0164-S	PANASONIC BADGE	[M]
16	RGKX0443C-KJ	DVD LID	[M]
17	RGKX0489A-S2	FRONT ORNAMENT	[M]
18	VHD1224-1	SCREW	[M]
19	RYPX0258-K1	CRADLE UNIT	[M]
20	RGLX0160-Q	LIGHTING CHIP	[M]
21	RGPX0352J-K2	FRONT PANEL	[M]
22	RGPX0335H-K2	CRADLE CHASSIS	[M]
23	RGRX0067P-BA	REAR PANEL	[M] △
24	RGUX0743-S	5 DISC BUTTON	[M]
25	RGUX0742AK1J	POWER BUTTON	[M]
26	RXXX0085-1J	HEATSINK UNIT A	[M]
27	RGUX0745-KJ	OPERATION BUTTON	[M]
28	RGWX0076-1KJ	VOLUME KNOB	[M]
29	RHD26046	SCREW	[M]
30	RHD30007-K2J	SCREW	[M]
31	RHD30090-1	SCREW	[M]
32	RHD30111-3	SCREW	[M]
33	RHD30119-S	SCREW	[M]
34	ENG06842QRF	TUNER PACK	[M]
35	RHD30070	EARTH TERMINAL	[M]
36	RKA0059-K	LEG RUBBER	[M]
37	RKWX0279A-QJ	FL WINDOW	[M]
38	RMAX0118-1	PCB BRACKET	[M]
39	RMAX0129-4	PANEL ANGLE	[M]
40	RMAX0130	DVD LID HOLDER	[M]
41	RMAX0131	MAIN PCB BRACKET B	[M]
43	RMBX0075-1	DOOR SPRING	[M]
44	RMC0465	TR SPRING	[M]
45	RMCX0042	EARTH SPRING	[M]
46	RMCX0055	SPRING PLATE	[M]
48	RMGX0050	CRADLE RUBBER	[M]
49	RMNX0207-J	SMPS PCB INSULATOR	[M]
50	RXQX0077-1	FL SHIELD PLATE UNIT	[M]
52	RMNX0260	FL HOLDER	[M]
53	RMNX0282A	AC-IN PC SHEET A	[M]
54	RMNX0282B	AC-IN PC SHEET B	[M]
55	RXXX0104	HEATSINK UNIT B	[M]
56	RXQX0041	CUSHION ASSY	[M]
57	RMNX0286	HDMI PC SHEET	[M]
58	RMQX0233-K	FAN COVER	[M]
59	RMR0502A-W	PCB SUPPORT	[M]
60	RXXX0105	HEATSINK UNIT C	[M]
61	RMVX0117-K	CONNECTOR COVER	[M]
63	RMVX0191	HEATSINK EXTRUSSION	[M]
64	RMZX0038	IC INSULATOR	[M]
65	RSCX0188	AC-IN SHIELD PLATE	[M]
66	RKMX0141-K1	TOP CABINET	[M] △
67	RSCX0191	HDMI SHIELD PLATE	[M]
68	RMKX0144A-3	BOTTOM CHASSIS	[M]
69	XSN3+4FJ	SCREW	[M]
70	XTB3+10JFJ	SCREW	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
71	XTB3+8JFJ	SCREW	[M]
72	XTW3+8TFJ	SCREW	[M]
73	REXX0653-J	13P WIRE (MAIN-RELAY)	[M]
74	REXX0639-J	12P WIRE (RELAY-SMPS)	[M]
75	REEX0811-1	14P FFC CABLE (WIRELESS-MAIN)	[M]
76	RMKX0127-K1	TRANSMITTER CHASSIS	[M]
77	REXX0642-J	WHITE WIRE (VOLTAGE SELECTOR)	[M] △
78	REXX0643-J	BLUE WIRE (VOLTAGE SELECTOR)	[M] △
79	RMNX0253	LED HOLDER	[M]
80	RGUX0746-K	EXCHANGE BUTTON	[M]
81	RMNX0288	BOTTOM CHASSIS PC SHEET	[M]
82	RMNX0295	BOTTOM CHASSIS PC SHEET B	[M]
83	RGKX0329-Q	LIGHTING RING	[M]
84	J0KD00000126	FERRITE CORE	[M] △
85	REXX0703	GROUND WIRE	[M]
		PACKING MATERIALS	
P1	RPGX1994	PACKING CASE	[M]
P2	RPNX0514-2	POLYFOAM	[M]
P3	RPF0058-1J	MIRAMAT	[M]
		ACCESSORIES	
A1	N2QAYB000214	REMOTE CONTROL	[M]
A1-1	RKK-SX950-K	R/C BATTERY COVER	[M]
A2	K2CQ2CA00007	AC CORD	[M] △
A3	RQTX0105-4P	O/I BOOK (En)	[M]
A4	RSA0007-M	FM INDOOR ANTENNA	[M]
A5	K2KA2BA00001	VIDEO CABLE	[M]
A6	XTB3+8JFJK	SCREW	[M]
A7	XTN5+10FFJK	SCREW	[M]
A8	RQCA0968	SPEAKER LABEL	[M]
A9	N1DAAA000002	AM LOOP ANTENNA	[M]
A10	REEX0858	SPEAKER CORD ASS'Y (CENTER)	[M]
A10-1	RFKVBPT760-G	SPEAKER CONNECTOR HOUSING (GREEN)	[M]
A11	K2DA42E00001	AC PLUG ADAPTOR	[M]
A12	J0KG00000037	AC CLAMP FILTER	[M] △
		PRINTED CIRCUIT BOARDS	
PCB1	REPX0620B	DVD MODULE P.C.B	[M] (RTL)
PCB2	REPX0621B	D-AMP P.C.B	[M] (RTL)
PCB3	REPX0622C	SMPS P.C.B	[M] (RTL) △
PCB4	REPX0622C	AC INLET P.C.B	[M] (RTL) △
PCB5	REPX0626C	VOLTAGE SELECTOR P.C.B	[M] (RTL) △
PCB6	REPX0626C	MAIN P.C.B	[M] (RTL)
PCB7	REPX0626C	POWER SUPPLY P.C.B	[M] (RTL)
PCB8	REPX0626C	WIRELESS ADAPTER P.C.B	[M] (RTL)
PCB9	REPX0657B-A	CO-PROCESSOR P.C.B	[M] (RTL)
PCB10	REPX0631A-C	IPOD CRADLE P.C.B	[M] (RTL)
PCB11	REPX0655L	PANEL P.C.B	[M] (RTL)
PCB12	REPX0655L	POWER/DISC BUTTON P.C.B	[M] (RTL)
		INTEGRATED CIRCUITS	
IC1701	MFI341S2095	IC IPOD VIDEO	[M]
IC1702	C0CBCBC00140	IC +3.3V REGULATOR	[M]
IC2001	RFKWP760P	IC SYSTEM CONTROL	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
IC2002	C0CBCBC00140	IC REGULATOR	[M]
IC2101	C1AB00002735	IC AUDIO SIGNAL PROCESSOR	[M]
IC2102	C0AABB000125	IC OP-AMP	[M]
IC2103	C0ABCB000088	IC OP-AMP	[M]
IC2104	C0ABBB000230	IC OP-AMP	[M]
IC2105	C0JBAR000540	IC DUAL 4CH MULTIPLEXER	[M]
IC2501	C0ABBB000230	IC CENTER POP-UP OP-AMP	[M]
IC2801	C9ZB00000461	IC VIDEO BUFFER	[M]
IC2900	C0DAAY00042	IC SWITCHING REGULATOR	[M]
IC2903	C0DAAMH00012	IC SWITCHING REGULATOR	[M]
IC3901	MN864702A	IC HDMI TRANSMITTER	[M]
IC3952	C0CBCDC00063	IC TERMINAL FUNCTION REGULATOR	[M]
IC5000	C1BA00000487	IC AUDIO DIGITAL POWER AMP	[M]
IC5200	C1BA00000487	IC AUDIO DIGITAL POWER AMP	[M]
IC5300	C1BA00000487	IC AUDIO DIGITAL POWER AMP	[M]
IC5400	C1BA00000487	IC AUDIO DIGITAL POWER AMP	[M]
IC5500	C0JBAB000902	IC INVERTER GATE	[M]
IC5501	C0JBAF000716	IC D-FLIP FLOP	[M]
IC5701	C5HACY000003	IC SWITCHING REGULATOR	[M]
IC5780	C0ABBA000168	IC MIC-AMP	[M]
IC5799	MIP4110MSSCF	IC SWITCHING REGULATOR	[M]
IC5801	C0DABFC00002	IC SHUNT REGULATOR	[M]
IC5899	C0DAEMZ00001	IC SHUNT REGULATOR	[M]
IC6101	C0ABBB000230	IC IPOD DIFFERENTIAL AMP	[M]
IC6601	C0ABAA000114	IC ISOLATION AMP	[M]
IC6602	C0CBCDG00003	IC +5V REGULATOR	[M]
IC6901	C0HBB0000057	IC FL DISPLAY	[M]
IC8001	MN2DS0018DP	IC DV5.0 LSI	[M]
IC8051	C3ABPY000011	IC 64M SDRAM	[M]
IC8111	C0DBZY000018	IC +3.3V DC-DC CONVERTER	[M]
IC8151	C0DBEHG00006	IC +1.2V REGULATOR	[M]
IC8251	C0GBG0000048	IC MOTOR DRIVE	[M]
IC8421	C0FBBK000044	IC AUDIO DAC	[M]
IC8422	C0FBAK000026	IC AUDIO DAC	[M]
IC8601	C0EBA0000039	IC RESET	[M]
IC8606	C0EBE0000456	IC RESET	[M]
IC8611	C3EBGC000056	IC EEPROM	[M]
IC8651	RFKWMH32B322	IC FLASH ROM	[SPG]
IC8691	C0JBAA000502	IC AND GATE	[M]
IC8695	C0JBAA000502	IC INVERTER GATE	[M]
IC8701	C0JBAB000907	IC AND GATE	[M]
IC8901	C0JBAA000501	IC LATCH	[M]
IC9001	C0JBAZ001251	IC LATCH	[M]
IC9002	C0JBAZ001251	IC LATCH	[M]
		TRANSISTORS	
Q1702	B1CFG0000004	TRANSISTOR	[M]
Q1704	B1CFG0000004	TRANSISTOR	[M]
Q2002	B1GBCFJJ0051	TRANSISTOR	[M]
Q2003	B1GBCFLL0037	TRANSISTOR	[M]
Q2004	2SD0601AHL	TRANSISTOR	[M]
Q2005	B1ADCE000012	TRANSISTOR	[M]
Q2006	B1GBCFJN0033	TRANSISTOR	[M]
Q2007	B1GBCFJJ0051	TRANSISTOR	[M]
Q2013	B1GBCFJJ0051	TRANSISTOR	[M]
Q2030	B1GBCFJJ0051	TRANSISTOR	[M]
Q2095	B1GDCFJJ0047	TRANSISTOR	[M]
Q2096	2SD0601AHL	TRANSISTOR	[M]
Q2097	2SD0601AHL	TRANSISTOR	[M]
Q2101	B1HBECA00004	TRANSISTOR	[M]
Q2102	B1HBECA00004	TRANSISTOR	[M]
Q2103	B1GDCFGA0018	TRANSISTOR	[M]
Q2104	B1HBECA00004	TRANSISTOR	[M]
Q2203	B1GDCFGA0018	TRANSISTOR	[M]
Q2501	B1GBCFLL0037	TRANSISTOR	[M]
Q2502	B1GBCFLL0037	TRANSISTOR	[M]
Q2600	B1ABCF000176	TRANSISTOR	[M]
Q2601	B1GDCFGA0018	TRANSISTOR	[M]
Q2602	B1ABEB000002	TRANSISTOR	[M]
Q2801	B1GBCFJN0033	TRANSISTOR	[M]
Q2900	B1BABK000001	TRANSISTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
Q2901	B1BCCG000002	TRANSISTOR	[M]
Q2902	B1ADCF000001	TRANSISTOR	[M]
Q2903	B1BACG000023	TRANSISTOR	[M]
Q2904	B1BACG000023	TRANSISTOR	[M]
Q2909	B1ABCF000176	TRANSISTOR	[M]
Q2919	B1ABCF000176	TRANSISTOR	[M]
Q2921	B1ADCF000001	TRANSISTOR	[M]
Q2922	B1GBCFJJ0051	TRANSISTOR	[M]
Q2923	B1GBCFJJ0051	TRANSISTOR	[M]
Q2924	B1GBCFJJ0051	TRANSISTOR	[M]
Q3901	2SD1819A0L	TRANSISTOR	[M]
Q3902	B1CFHA000002	TRANSISTOR	[M]
Q3903	B1CFHA000002	TRANSISTOR	[M]
Q3941	2SD1819A0L	TRANSISTOR	[M]
Q3942	2SD1819A0L	TRANSISTOR	[M]
Q3943	2SD1819A0L	TRANSISTOR	[M]
Q5101	B1ABCF000176	TRANSISTOR	[M]
Q5102	B1ABCF000176	TRANSISTOR	[M]
Q5601	B1ABCF000176	TRANSISTOR	[M]
Q5602	B1ABCF000176	TRANSISTOR	[M]
Q5603	B1ADCE000012	TRANSISTOR	[M]
Q5604	B1ABCF000176	TRANSISTOR	[M]
Q5640	B1BACD000018	TRANSISTOR	[M]
Q5641	2SC584500L	TRANSISTOR	[M]
Q5642	2SC584500L	TRANSISTOR	[M]
Q5644	2SC584500L	TRANSISTOR	[M]
Q5720	2SC3940ARA	TRANSISTOR	[M]
Q5721	2SA207700L	TRANSISTOR	[M]
Q5722	B1ABCF000176	TRANSISTOR	[M]
Q5750	B1ABCF000176	TRANSISTOR	[M]
Q5802	B1ABCF000176	TRANSISTOR	[M]
Q5803	2SC3940ARA	TRANSISTOR	[M]
Q5860	2SA207700L	TRANSISTOR	[M]
Q5861	B1ABCF000176	TRANSISTOR	[M]
Q5862	B1ABCF000176	TRANSISTOR	[M]
Q5898	B1ABCF000176	TRANSISTOR	[M]
Q6910	B1GBCFJN0033	TRANSISTOR	[M]
Q8321	2SB1218ARL	TRANSISTOR	[M]
Q8325	2SB1218ARL	TRANSISTOR	[M]
Q8331	2SB1218ARL	TRANSISTOR	[M]
Q8335	2SB1218ARL	TRANSISTOR	[M]
Q8341	2SB1218ARL	TRANSISTOR	[M]
Q8551	2SD1819A0L	TRANSISTOR	[M]
Q8552	B1ADGB000008	TRANSISTOR	[M]
Q8561	2SD1819A0L	TRANSISTOR	[M]
Q8562	B1ADGB000008	TRANSISTOR	[M]
Q8563	B1CFHA000002	TRANSISTOR	[M]
Q8564	B1CFHA000002	TRANSISTOR	[M]
Q8565	2SD1819A0L	TRANSISTOR	[M]
QR5801	UNR221400L	TRANSISTOR	[M]
QR5802	B1GDCFGA0018	TRANSISTOR	[M]
QR5810	B1GBCFLL0037	TRANSISTOR	[M]
QR8111	XP0621400L	TRANSISTOR	[M]
QR8420	UNR521100L	TRANSISTOR	[M]
		DIODES	
D2002	B0EAKM000117	DIODE	[M]
D2003	B0EAKM000117	DIODE	[M]
D2005	B0ACCK000005	DIODE	[M]
D2007	B0ACCK000005	DIODE	[M]
D2008	B0ACCK000005	DIODE	[M]
D2600	B0ACCK000005	DIODE	[M]
D2601	B0ACCK000005	DIODE	[M]
D2602	B0ACCK000005	DIODE	[M]
D2751	B0ACCK000005	DIODE	[M]
D2752	B0ACCK000005	DIODE	[M]
D2753	B0BC5R000009	DIODE	[M]
D2901	B0BC035A0007	DIODE	[M]
D2903	B0EAMM000057	DIODE	[M]
D2904	B0JCPD000025	DIODE	[M]
D2906	B0JAME000029	DIODE	[M]
D2908	B0EAMM000057	DIODE	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
D2909	MAZ82400HL	DIODE	[M]
D2912	B0BC3R400001	DIODE	[M]
D2913	B0JCPD000025	DIODE	[M]
D2915	B0ACCK000005	DIODE	[M]
D2944	B0ACCK000005	DIODE	[M]
D2945	B0ACCK000005	DIODE	[M]
D2946	B0BC7R500001	DIODE	[M]
D2947	B0BC010A0007	DIODE	[M]
D2948	B0BC7R500001	DIODE	[M]
D2949	B0BC5R000009	DIODE	[M]
D2951	B0BC010A0007	DIODE	[M]
D2962	B0BC5R000009	DIODE	[M]
D2963	B0BC5R000009	DIODE	[M]
D3901	MA2J72800L	DIODE	[M]
D5001	B0HCM0000019	DIODE	[M]
D5002	B0HCM0000019	DIODE	[M]
D5003	B0HCM0000019	DIODE	[M]
D5004	B0HCM0000019	DIODE	[M]
D5201	B0HCM0000019	DIODE	[M]
D5202	B0HCM0000019	DIODE	[M]
D5203	B0HCM0000019	DIODE	[M]
D5204	B0HCM0000019	DIODE	[M]
D5301	B0HCM0000019	DIODE	[M]
D5302	B0HCM0000019	DIODE	[M]
D5303	B0HCM0000019	DIODE	[M]
D5304	B0HCM0000019	DIODE	[M]
D5401	B0HCM0000019	DIODE	[M]
D5402	B0HCM0000019	DIODE	[M]
D5403	B0HCM0000019	DIODE	[M]
D5404	B0HCM0000019	DIODE	[M]
D5501	MA2J11100L	DIODE	[M]
D5502	MA2J11100L	DIODE	[M]
D5503	MAZ80510ML	DIODE	[M]
D5640	MAZ81200ML	DIODE	[M]
D5643	MA2J11100L	DIODE	[M]
D5644	MA2J11100L	DIODE	[M]
D5645	MA2J11100L	DIODE	[M]
D5701	B0FBAR000041	DIODE	[M]
D5702	B0ZAZ0000052	DIODE	[M]
D5721	B0BC010A0007	DIODE	[M]
D5722	B0BC019A0007	DIODE	[M]
D5723	MA2J11100L	DIODE	[M]
D5724	MA2J11100L	DIODE	[M]
D5725	B0BC6R100010	DIODE	[M]
D5726	B0EAKM000117	DIODE	[M]
D5727	MA2J11100L	DIODE	[M]
D5728	MA2J11100L	DIODE	[M]
D5729	B0EAMM000057	DIODE	[M]
D5730	MA2J11100L	DIODE	[M]
D5731	B0EAMM000057	DIODE	[M]
D5732	B0BC035A0007	DIODE	[M]
D5793	B0HAMP000094	DIODE	[M]
D5795	B0BC5R000009	DIODE	[M]
D5796	MA2J11100L	DIODE	[M]
D5797	MA2J72800L	DIODE	[M]
D5798	B0HAMP000094	DIODE	[M]
D5799	B0HAMP000094	DIODE	[M]
D5801	B0HBSM000043	DIODE	[M]
D5802	B0HBSM000043	DIODE	[M]
D5803	B0HFRJ000012	DIODE	[M]
D5804	B0EAMM000057	DIODE	[M]
D5805	B0EAMM000057	DIODE	[M]
D5806	MAZ80750ML	DIODE	[M]
D5807	MA2J11100L	DIODE	[M]
D5809	MA2J11100L	DIODE	[M]
D5896	B0EAMM000057	DIODE	[M]
D6907	B3AEA0000058	DIODE	[M]
D6910	B0BC2R4A0006	DIODE	[M]
D6911	B0BC5R000009	DIODE	[M]
D6913	B3ABA0000397	DIODE	[M]
D8211	MA2J11100L	DIODE	[M]
DZ5701	ERZV10V511CS	ZENER	[M] △

Ref. No.	Part No.	Part Name & Description	Remarks
		VARISTORS	
VA3901	EZAE62A50AX	ESD SUPRESSOR	[M]
VA3902	EZAE62A50AX	ESD SUPRESSOR	[M]
VA3903	EZAE62A50AX	ESD SUPRESSOR	[M]
VA3904	EZAE62A50AX	ESD SUPRESSOR	[M]
VA3905	EZAE62A50AX	ESD SUPRESSOR	[M]
VA3906	EZAE62A50AX	ESD SUPRESSOR	[M]
VA3907	EZAE62A50AX	ESD SUPRESSOR	[M]
VA3908	EZAE62A50AX	ESD SUPRESSOR	[M]
VA3909	EZJZ0V800AA	VARISTOR	[M]
VA3910	EZJZ0V800AA	VARISTOR	[M]
VA3911	EZJZ0V800AA	VARISTOR	[M]
VA3912	EZJZ0V800AA	VARISTOR	[M]
VA3913	EZJZ0V800AA	VARISTOR	[M]
		VARIABLE RESISTOR	
VR6901	EVEKE2F2524B	VOLUME JOG	[M]
		SWITCHES	
S5701	K0ABCA000007	SW VOLTAGE SELECTOR	[M] △
S6801	EVQ21405R	SW POWER	[M]
S6802	EVQ21405R	SW DISC 1	[M]
S6803	EVQ21405R	SW DISC 2	[M]
S6804	EVQ21405R	SW DISC 3	[M]
S6805	EVQ21405R	SW DISC 4	[M]
S6806	EVQ21405R	SW DISC 5	[M]
S6807	EVQ21405R	SW OPEN/CLOSE	[M]
S6808	EVQ21405R	SW DISC EXCHANGE	[M]
S6901	EVQ21405R	SW PLAY/MEMORY	[M]
S6902	EVQ21405R	SW TUNE DOWN	[M]
S6903	EVQ21405R	SW TUNE UP	[M]
S6904	EVQ21405R	SW STOP / -TUNE MODE / -FM MODE	[M]
S6905	EVQ21405R	SW BOOST	[M]
S6907	EVQ21405R	SW SELECTOR	[M]
PSW1	D4FB1R100009	SW	[M]
		CONNECTORS	
CN1001	MFI514S0117	30P CONNECTOR	[M]
CN1002	K1MN14BA0141	14P CONNECTOR	[M]
CN1701	K1KB06B00038	6P CONNECTOR	[M]
CN2001	K1MY50AA0029	50P CONNECTOR	[M]
CN2003	K1MN14AA0003	14P CONNECTOR	[M]
CN2006	K1MN07BA0004	7P CONNECTOR	[M]
CN2007	K1MN17BA0005	17P CONNECTOR	[M]
CN2008	K1MN28AA0004	28P CONNECTOR	[M]
CN2009	K1MN17AA0004	17P CONNECTOR	[M]
CN2011	K1MN11AA0003	11P CONNECTOR	[M]
CN2013	K1MN04B00022	4P FFC CONNECTOR	[M]
CN2014	K1KA06AA0031	6P CONNECTOR	[M]
CN2016	K1KA13AA0194	13P CONNECTOR	[M]
CN5050	K1MN17AA0004	17P CONNECTOR	[M]
CN5500	K1KA08AA0180	8P CONNECTOR	[M]
CN5501	K1KA03AA0301	3P CONNECTOR	[M]
CN5802	K1KA11AA0194	11P CONNECTOR	[M]
CN6001	K1MN28AA0004	28P CONNECTOR	[M]
CN6003	K1MN14AA0003	14P CONNECTOR	[M]
CN6300	K1MN14AA0003	14P CONNECTOR	[M]
CN6301	K1MY22A00003	22P CONNECTOR	[M]
CN6801	K1MN04AA0003	4P CONNECTOR	[M]
CN6904	K1MN17AA0004	17P CONNECTOR	[M]
FP8101	K1MN50AA0082	50P CONNECTOR	[M]
FP8251	K1MN07AA0076	7P CONNECTOR	[M]
FP8531	K1MY26AA0021	26P CONNECTOR	[M]
P3901	K1FY119E0002	HDMI CONNECTOR	[M]
		COILS & INDUCTORS	
L1001	J0JHC0000107	INDUCTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
L1002	J0JHC0000107	INDUCTOR	[M]
L1003	J0JHC0000107	INDUCTOR	[M]
L1004	J0JHC0000107	INDUCTOR	[M]
L1005	J0JHC0000107	INDUCTOR	[M]
L1006	J0JHC0000107	INDUCTOR	[M]
L1007	J0JHC0000107	INDUCTOR	[M]
L1008	J0JHC0000107	INDUCTOR	[M]
L1009	J0JHC0000107	INDUCTOR	[M]
L1010	J0JHC0000107	INDUCTOR	[M]
L1011	J0JHC0000107	INDUCTOR	[M]
L2101	J0JBC0000015	INDUCTOR	[M]
L2201	J0JBC0000015	INDUCTOR	[M]
L2801	G0A101EA0017	CHOKE COIL	[M]
L2802	J0JBC0000015	INDUCTOR	[M]
L2803	J0JBC0000015	INDUCTOR	[M]
L2804	J0JBC0000015	INDUCTOR	[M]
L2805	J0JBC0000015	INDUCTOR	[M]
L2901	G0A220GA0026	CHOKE COIL	[M]
L2902	G0A101ZA0028	CHOKE COIL	[M]
L2903	G0A101ZA0028	CHOKE COIL	[M]
L2904	G0A101EA0017	CHOKE COIL	[M]
L2905	G0A100HA0023	CHOKE COIL	[M]
L2907	G0A220GA0026	CHOKE COIL	[M]
L2908	G0A220GA0026	CHOKE COIL	[M]
L2909	G0A100HA0023	CHOKE COIL	[M]
L2910	G0A220GA0026	CHOKE COIL	[M]
L2911	G0A200D00002	CHOKE COIL	[M]
L2912	G0A220GA0026	CHOKE COIL	[M]
L2913	G0A220GA0026	CHOKE COIL	[M]
L2914	G0A220GA0026	CHOKE COIL	[M]
L3903	G1BYYC00026	COMMON MODE EMI FILTER	[M]
L3904	G1BYYC00026	COMMON MODE EMI FILTER	[M]
L3905	G1BYYC00026	COMMON MODE EMI FILTER	[M]
L3906	G1BYYC00026	COMMON MODE EMI FILTER	[M]
L5000	G0A150L00003	CHOKE COIL	[M]
L5001	G0B9R5K00003	LINE FILTER	[M]
L5002	G0B9R5K00003	LINE FILTER	[M]
L5200	G0A150L00003	CHOKE COIL	[M]
L5201	G0B9R5K00003	LINE FILTER	[M]
L5300	G0A150L00003	CHOKE COIL	[M]
L5301	G0B9R5K00003	LINE FILTER	[M]
L5400	G0A150L00003	CHOKE COIL	[M]
L5500	J0JKB0000020	INDUCTOR	[M]
L5501	J0JKB0000020	INDUCTOR	[M]
L5701	ELF15N035AN	LINE FILTER	[M] △
L5702	ELF22V035B	LINE FILTER	[M] △
L5703	ELF22V022A	LINE FILTER	[M] △
L6901	J0JBC0000019	INDUCTOR	[M]
L6903	J0JBC0000019	INDUCTOR	[M]
L6910	J0JBC0000019	INDUCTOR	[M]
L6920	J0JBC0000019	INDUCTOR	[M]
L8001	G1C100M00049	INDUCTOR	[M]
L8201	G1C100M00049	INDUCTOR	[M]
L8301	G1C100M00049	INDUCTOR	[M]
L8302	G1C100M00049	INDUCTOR	[M]
L8303	G1C100M00049	INDUCTOR	[M]
L8330	G1C100M00049	INDUCTOR	[M]
L8501	G1C100M00049	INDUCTOR	[M]
L8550	G1C100M00049	INDUCTOR	[M]
LB3901	J0JHC0000045	INDUCTOR	[M]
LB3902	J0JHC0000045	INDUCTOR	[M]
LB3903	J0JCC0000042	INDUCTOR	[M]
LB3904	J0JCC0000042	INDUCTOR	[M]
LB3905	J0JCC0000042	INDUCTOR	[M]
LB3906	J0JCC0000042	INDUCTOR	[M]
LB3907	J0JHC0000045	INDUCTOR	[M]
LB3908	J0JHC0000045	INDUCTOR	[M]
LB8001	J0JHC0000045	INDUCTOR	[M]
LB8011	J0JHC0000045	INDUCTOR	[M]
LB8301	J0JCC0000308	INDUCTOR	[M]
LB8302	J0JCC0000308	INDUCTOR	[M]
LB8303	J0JCC0000308	INDUCTOR	[M]
LB8304	J0JCC0000308	INDUCTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
LB8305	J0JCC0000308	INDUCTOR	[M]
LB8401	J0JCC0000308	INDUCTOR	[M]
LB8530	J0JHC0000045	INDUCTOR	[M]
LB8532	J0JDC0000045	INDUCTOR	[M]
LB8551	J0JDC0000045	INDUCTOR	[M]
LB8561	J0JDC0000045	INDUCTOR	[M]
LB8571	J0JDC0000045	INDUCTOR	[M]
LB8701	J0JCC0000308	INDUCTOR	[M]
LB8702	J0JCC0000308	INDUCTOR	[M]
LB8901	J0JCC0000308	INDUCTOR	[M]
		SWITCHING TRANSFORMERS	
T2900	G4D1A0000117	SWITCHING TRANSFORMER	[M] △
T5701	ETS42BN1A6AD	MAIN POWER TRANSFORMER	[M] △
T5751	ETS19AB256AG	BACKUP TRANSFORMER	[M] △
		COMPONENT COMBINATION	
Z6900	B3RAD0000146	REMOTE CONTROL SENSOR	[M]
ZA5701	K3GE1ZZ00001	FUSE HOLDER	[M]
ZA5702	K3GE1ZZ00001	FUSE HOLDER	[M]
ZJ5400	K4CZ01000027	TERMINAL	[M]
ZJ5410	K4CZ01000027	TERMINAL	[M]
ZJ5701	K4CZ01000027	TERMINAL	[M]
ZJ5702	K4CZ01000027	TERMINAL	[M]
ZJ5801	K4CZ01000027	TERMINAL	[M]
ZJ5803	K4CZ01000027	TERMINAL	[M]
		PHOTO COUPLERS	
PC5701	B3PBA0000402	PHOTO COUPLER	[M] △
PC5702	B3PBA0000402	PHOTO COUPLER	[M] △
PC5720	B3PBA0000402	PHOTO COUPLER	[M] △
PC5799	B3PBA0000402	PHOTO COUPLER	[M] △
		OSCILLATORS	
X1701	H0J327200099	CRYSTAL OSCILLATOR	[M]
X2001	H2B100500007	CRYSTAL OSCILLATOR	[M]
X5500	H2A6023A0011	CRYSTAL OSCILLATOR	[M]
X5501	H2A7003A0011	CRYSTAL OSCILLATOR	[M]
X8621	H0J270500085	CRYSTAL OSCILLATOR	[M]
		FL DISPLAY	
FL6801	A2BB00000169	LCD DISPLAY	[M]
		FUSE	
F1	K5D802BNA005	FUSE	[M] △
		FUSE PROTECTOR	
FP2901	K5G401A00008	FUSE PROTECTOR	[M] △
		THERMISTORS	
TH5702	D4CAC8R00002	THERMISTOR	[M] △
TH5860	D4CC11040013	THERMISTOR	[M] △
		JACKS	
JK2001	K2HA6YYG0001	JK AV	[M]
JK5001	K4AL08B00001	JK SPEAKER	[M]
JK6901	K2HC103A0031	JK HEADPHONE	[M]
JK8001	B3RAB0000056	JK OPTO DEVICE	[M]
P5701	K2AA2B000017	AC INLET	[M] △
		EARTH TERMINALS	
E2900	K4CZ01000027	TERMINAL	[M]
E2901	K4CZ01000027	TERMINAL	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
E6300	K4CZ01000027	TERMINAL	[M]
		CHIP JUMPERS	
K3	D0GBR00JA008	0 1/16W	[M]
K11	D0GBR00JA008	0 1/16W	[M]
K14	D0GBR00JA008	0 1/16W	[M]
K2101	D0GBR00JA008	0 1/16W	[M]
K2201	D0GBR00JA008	0 1/16W	[M]
K2802	D0GBR00JA008	0 1/16W	[M]
K3903	D0GBR00JA008	0 1/16W	[M]
K3905	ERJ2GE0R00X	0 1/4W	[M]
K3906	D0GBR00JA008	0 1/16W	[M]
K3907	D0GBR00JA008	0 1/16W	[M]
K5202	D0GBR00JA008	0 1/16W	[M]
K5254	D0GBR00JA008	0 1/16W	[M]
K5302	D0GBR00JA008	0 1/16W	[M]
K5500	D0GBR00JA008	0 1/16W	[M]
K8001	D0GBR00JA008	0 1/16W	[M]
K8006	D0GBR00JA008	0 1/16W	[M]
K8100	D0GBR00JA008	0 1/16W	[M]
K8251	D0GBR00JA008	0 1/16W	[M]
K8571	D0GBR00JA008	0 1/16W	[M]
LB8257	D0GBR00JA008	0 1/16W	[M]
LB8258	D0GBR00JA008	0 1/16W	[M]
LB8259	D0GBR00JA008	0 1/16W	[M]
LB8260	D0GBR00JA008	0 1/16W	[M]
LB8421	ERJ2GE0R00X	0 1/16W	[M]
LB8422	ERJ2GE0R00X	0 1/16W	[M]
LB8423	ERJ2GE0R00X	0 1/16W	[M]
LB8424	ERJ2GE0R00X	0 1/16W	[M]
LB8425	ERJ2GE0R00X	0 1/16W	[M]
LB8426	ERJ2GE0R00X	0 1/16W	[M]
LB8427	ERJ2GE0R00X	0 1/16W	[M]
LB8428	ERJ2GE0R00X	0 1/16W	[M]
LB8429	ERJ2GE0R00X	0 1/16W	[M]
LB8430	ERJ2GE0R00X	0 1/16W	[M]
LB8431	ERJ2GE0R00X	0 1/16W	[M]
LB8432	ERJ2GE0R00X	0 1/16W	[M]
LB8531	ERJ2GE0R00X	0 1/16W	[M]
LB8690	ERJ2GE0R00X	0 1/16W	[M]
W2028	D0GDR00JA017	0 1/10W	[M]
W2214	ERJ8GEY0R00V	0 1/4W	[M]
W2216	ERJ8GEY0R00V	0 1/4W	[M]
W2706	D0GDR00JA017	0 1/10W	[M]
W2707	D0GBR00JA008	0 1/16W	[M]
W2708	D0GBR00JA008	0 1/16W	[M]
W2709	D0GDR00JA017	0 1/10W	[M]
W2710	D0GBR00JA008	0 1/16W	[M]
W2711	D0GDR00JA017	0 1/10W	[M]
W2712	D0GDR00JA017	0 1/10W	[M]
W2713	D0GBR00JA008	0 1/16W	[M]
W2714	D0GBR00JA008	0 1/16W	[M]
W2715	D0GDR00JA017	0 1/10W	[M]
W2716	D0GBR00JA008	0 1/16W	[M]
W2717	D0GBR00JA008	0 1/16W	[M]
W2718	D0GDR00JA017	0 1/10W	[M]
W2719	D0GBR00JA008	0 1/16W	[M]
W2720	D0GDR00JA017	0 1/10W	[M]
W2721	D0GDR00JA017	0 1/10W	[M]
W2722	D0GBR00JA008	0 1/16W	[M]
W2723	D0GDR00JA017	0 1/10W	[M]
W2724	D0GBR00JA008	0 1/16W	[M]
W2725	D0GBR00JA008	0 1/16W	[M]
W2726	D0GDR00JA017	0 1/10W	[M]
W2727	D0GDR00JA017	0 1/10W	[M]
W2728	D0GDR00JA017	0 1/10W	[M]
W2729	D0GBR00JA008	0 1/16W	[M]
W2730	D0GDR00JA017	0 1/10W	[M]
W2732	D0GBR00JA008	0 1/16W	[M]
W2733	D0GDR00JA017	0 1/10W	[M]
W2734	D0GBR00JA008	0 1/16W	[M]
W2735	D0GDR00JA017	0 1/10W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
W2737	D0GDR00JA017	0 1/10W	[M]
W2740	D0GDR00JA017	0 1/10W	[M]
W2741	D0GDR00JA017	0 1/10W	[M]
W2742	D0GBR00JA008	0 1/16W	[M]
W2743	D0GBR00JA008	0 1/16W	[M]
W2744	D0GDR00JA017	0 1/10W	[M]
W2747	D0GDR00JA017	0 1/10W	[M]
W2748	D0GDR00JA017	0 1/10W	[M]
W2751	D0GDR00JA017	0 1/10W	[M]
W2752	D0GBR00JA008	0 1/16W	[M]
W2753	D0GDR00JA017	0 1/10W	[M]
W2754	D0GDR00JA017	0 1/10W	[M]
W2766	D0GDR00JA017	0 1/10W	[M]
W2767	D0GBR00JA008	0 1/16W	[M]
W2768	D0GDR00JA017	0 1/10W	[M]
W2769	D0GBR00JA008	0 1/16W	[M]
W2770	D0GDR00JA017	0 1/10W	[M]
W2771	D0GBR00JA008	0 1/16W	[M]
W2773	D0GDR00JA017	0 1/10W	[M]
W2774	D0GBR00JA008	0 1/16W	[M]
W2775	D0GBR00JA008	0 1/16W	[M]
W2776	D0GDR00JA017	0 1/10W	[M]
W2777	D0GDR00JA017	0 1/10W	[M]
W2778	D0GDR00JA017	0 1/10W	[M]
W2779	D0GDR00JA017	0 1/10W	[M]
W2780	D0GBR00JA008	0 1/16W	[M]
W2781	D0GBR00JA008	0 1/16W	[M]
W2782	D0GDR00JA017	0 1/10W	[M]
W2783	D0GBR00JA008	0 1/16W	[M]
W2784	D0GBR00JA008	0 1/16W	[M]
W2785	D0GDR00JA017	0 1/10W	[M]
W2786	D0GDR00JA017	0 1/10W	[M]
W2788	D0GBR00JA008	0 1/16W	[M]
W2789	D0GBR00JA008	0 1/16W	[M]
W2790	D0GDR00JA017	0 1/10W	[M]
W2793	D0GBR00JA008	0 1/16W	[M]
W2794	D0GBR00JA008	0 1/16W	[M]
W2795	D0GBR00JA008	0 1/16W	[M]
W2796	D0GDR00JA017	0 1/10W	[M]
W2797	D0GDR00JA017	0 1/10W	[M]
W2798	D0GDR00JA017	0 1/10W	[M]
W2799	D0GDR00JA017	0 1/10W	[M]
W2800	D0GBR00JA008	0 1/16W	[M]
W2801	D0GBR00JA008	0 1/16W	[M]
W2802	D0GBR00JA008	0 1/16W	[M]
W2803	D0GDR00JA017	0 1/10W	[M]
W2804	D0GDR00JA017	0 1/10W	[M]
W2805	D0GDR00JA017	0 1/10W	[M]
W2806	D0GBR00JA008	0 1/16W	[M]
W2807	D0GBR00JA008	0 1/16W	[M]
W2808	D0GBR00JA008	0 1/16W	[M]
W2809	D0GBR00JA008	0 1/16W	[M]
W2810	D0GDR00JA017	0 1/10W	[M]
W2811	D0GDR00JA017	0 1/10W	[M]
W2812	D0GDR00JA017	0 1/10W	[M]
W2813	D0GDR00JA017	0 1/10W	[M]
W2814	D0GDR00JA017	0 1/10W	[M]
W2815	D0GDR00JA017	0 1/10W	[M]
W2816	D0GDR00JA017	0 1/10W	[M]
W2817	D0GBR00JA008	0 1/16W	[M]
W2818	D0GBR00JA008	0 1/16W	[M]
W2819	D0GDR00JA017	0 1/10W	[M]
W2831	D0GBR00JA008	0 1/16W	[M]
W2832	D0GBR00JA008	0 1/16W	[M]
W2833	D0GBR00JA008	0 1/16W	[M]
W2835	D0GBR00JA008	0 1/16W	[M]
W2837	D0GDR00JA017	0 1/10W	[M]
W2840	D0GBR00JA008	0 1/16W	[M]
W2841	D0GDR00JA017	0 1/10W	[M]
W2843	D0GDR00JA017	0 1/10W	[M]
W2844	D0GDR00JA017	0 1/10W	[M]
W2845	D0GBR00JA008	0 1/16W	[M]
W2846	D0GDR00JA017	0 1/10W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
W2847	D0GDR00JA017	0 1/10W	[M]
W2850	D0GBR00JA008	0 1/16W	[M]
W2851	D0GBR00JA008	0 1/16W	[M]
W2852	D0GBR00JA008	0 1/16W	[M]
W2853	D0GBR00JA008	0 1/16W	[M]
W2854	D0GDR00JA017	0 1/10W	[M]
W2855	D0GDR00JA017	0 1/10W	[M]
W2856	D0GDR00JA017	0 1/10W	[M]
W2858	D0GBR00JA008	0 1/16W	[M]
W2861	D0GDR00JA017	0 1/10W	[M]
W2862	D0GDR00JA017	0 1/10W	[M]
W2863	D0GDR00JA017	0 1/10W	[M]
W2864	D0GDR00JA017	0 1/10W	[M]
W2865	D0GDR00JA017	0 1/10W	[M]
W2866	D0GBR00JA008	0 1/16W	[M]
W2868	ERJ8GEY0R00V	0 1/4W	[M]
W2891	ERJ8GEY0R00V	0 1/4W	[M]
W2892	ERJ8GEY0R00V	0 1/4W	[M]
W5007	D0GDR00JA017	0 1/10W	[M]
W5032	ERJ8GEY0R00V	0 1/4W	[M]
W5059	D0GDR00JA017	0 1/10W	[M]
W5071	D0GBR00JA008	0 1/16W	[M]
W5780	D0GDR00JA017	0 1/10W	[M]
W5801	D0GBR00JA008	0 1/16W	[M]
W5803	D0GDR00JA017	0 1/10W	[M]
W5804	D0GBR00JA008	0 1/16W	[M]
W5805	D0GDR00JA017	0 1/10W	[M]
W5806	D0GDR00JA017	0 1/10W	[M]
W5807	D0GDR00JA017	0 1/10W	[M]
W6128	D0GDR00JA017	0 1/10W	[M]
W6129	D0GDR00JA017	0 1/10W	[M]
W6225	ERJ8GEY0R00V	0 1/4W	[M]
W6226	ERJ8GEY0R00V	0 1/4W	[M]
W6302	D0GDR00JA017	0 1/10W	[M]
W6401	D0GBR00JA008	0 1/16W	[M]
W6404	D0GDR00JA017	0 1/10W	[M]
W6405	D0GDR00JA017	0 1/10W	[M]
W6406	D0GBR00JA008	0 1/16W	[M]
W6407	D0GBR00JA008	0 1/16W	[M]
W6408	D0GBR00JA008	0 1/16W	[M]
W6409	D0GDR00JA017	0 1/10W	[M]
W6700	D0GBR00JA008	0 1/16W	[M]
W6701	D0GDR00JA017	0 1/10W	[M]
W6702	D0GDR00JA017	0 1/10W	[M]
W6703	D0GBR00JA008	0 1/16W	[M]
W6704	D0GBR00JA008	0 1/16W	[M]
W6705	D0GBR00JA008	0 1/16W	[M]
W6707	D0GBR00JA008	0 1/16W	[M]
W6708	D0GBR00JA008	0 1/16W	[M]
W6709	D0GBR00JA008	0 1/16W	[M]
W6710	D0GBR00JA008	0 1/16W	[M]
W6712	D0GDR00JA017	0 1/10W	[M]
W6713	D0GDR00JA017	0 1/10W	[M]
W6714	D0GBR00JA008	0 1/16W	[M]
W6715	D0GDR00JA017	0 1/10W	[M]
W6716	D0GDR00JA017	0 1/10W	[M]
W6717	D0GDR00JA017	0 1/10W	[M]
W6718	D0GDR00JA017	0 1/10W	[M]
W6719	D0GDR00JA017	0 1/10W	[M]
W6720	D0GBR00JA008	0 1/16W	[M]
W7300	D0GBR00JA008	0 1/16W	[M]
		RESISTORS	
LB8691	D0GA101JA023	100 1/16W	[M]
LB8692	D0GA101JA023	100 1/16W	[M]
LB8693	D0GA101JA023	100 1/16W	[M]
R1001	D0GB101JA007	100 1/10W	[M]
R1002	D0GB101JA007	100 1/10W	[M]
R1003	D0GB104JA008	100K 1/16W	[M]
R1004	D0GB104JA008	100K 1/16W	[M]
R1005	ERJ3GEYF753V	75K 1/10W	[M]
R1006	ERJ3GEYF753V	75K 1/10W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R1007	ERJ3GEYF513V	51K 1/10W	[M]
R1008	ERJ3GEYF513V	51K 1/10W	[M]
R1009	D0GB151JA007	150 1/10W	[M]
R1010	D0GB151JA007	150 1/10W	[M]
R1011	D0GBR00JA008	0 1/16W	[M]
R1012	D0GBR00JA008	0 1/16W	[M]
R1013	D0GB102JA008	1K 1/16W	[M]
R1702	D0GB472JA008	4.7K 1/16W	[M]
R1703	ERJ3GEYF104V	100K 1/10W	[M]
R1704	D0GB103JA007	10K 1/10W	[M]
R1707	D0GB221JA007	220 1/10W	[M]
R1711	D0GB221JA007	220 1/10W	[M]
R1712	D0GB221JA007	220 1/10W	[M]
R1713	D0GB221JA007	220 1/10W	[M]
R1714	D0GB103JA007	10K 1/10W	[M]
R1715	D0GB103JA007	10K 1/10W	[M]
R1726	D0GB221JA007	220 1/10W	[M]
R1727	D0GB221JA007	220 1/10W	[M]
R1728	D0GB221JA007	220 1/10W	[M]
R1730	D0GB104JA008	100K 1/16W	[M]
R1731	D0GBR00JA008	0 1/16W	[M]
R2000	D0GB221JA007	220 1/10W	[M]
R2001	D0GB102JA008	1K 1/16W	[M]
R2002	D0GB103JA007	10K 1/10W	[M]
R2003	D0GB221JA007	220 1/10W	[M]
R2004	D0GB221JA007	220 1/10W	[M]
R2005	D0GB221JA007	220 1/10W	[M]
R2006	D0GB221JA007	220 1/10W	[M]
R2007	D0GB103JA007	10K 1/10W	[M]
R2008	D0GB473JA008	47K 1/16W	[M]
R2010	D0GB102JA008	1K 1/16W	[M]
R2011	D0GB221JA007	220 1/10W	[M]
R2012	D0GB103JA007	10K 1/10W	[M]
R2013	D0GBR00JA008	0 1/16W	[M]
R2014	D0GB473JA008	47K 1/16W	[M]
R2015	D0GB272JA008	2.7K 1/16W	[M]
R2016	D0GB472JA008	4.7K 1/16W	[M]
R2017	D0GB273JA007	27K 1/10W	[M]
R2019	D0GB473JA008	47K 1/16W	[M]
R2020	D0GB103JA007	10K 1/10W	[M]
R2021	D0GB563JA008	56K 1/16W	[M]
R2022	D0GB103JA007	10K 1/10W	[M]
R2023	D0GB473JA008	47K 1/16W	[M]
R2024	D0GB273JA007	27K 1/10W	[M]
R2025	D0GB104JA008	100K 1/16W	[M]
R2026	D0GB221JA007	220 1/10W	[M]
R2029	D0GB221JA007	220 1/10W	[M]
R2030	D0GB473JA008	47K 1/16W	[M]
R2031	D0GB221JA007	220 1/10W	[M]
R2032	D0GB473JA008	47K 1/16W	[M]
R2033	D0GB223JA008	22K 1/16W	[M]
R2034	D0GB473JA008	47K 1/16W	[M]
R2036	D0GB221JA007	220 1/10W	[M]
R2037	D0GB473JA008	47K 1/16W	[M]
R2038	D0GB473JA008	47K 1/16W	[M]
R2039	D0GB473JA008	47K 1/16W	[M]
R2040	D0GB103JA007	10K 1/10W	[M]
R2041	D0GB473JA008	47K 1/16W	[M]
R2043	D0GB153JA007	15K 1/10W	[M]
R2045	D0GB103JA007	10K 1/10W	[M]
R2046	D0GB222JA008	2.2K 1/16W	[M]
R2047	D0GB222JA008	2.2K 1/16W	[M]
R2048	ERJ3GEYJ203V	20K 1/10W	[M]
R2050	D0GB102JA008	1K 1/16W	[M]
R2051	D0GB563JA008	56K 1/16W	[M]
R2052	D0GB221JA007	220 1/10W	[M]
R2053	D0GB221JA007	220 1/10W	[M]
R2054	D0GB221JA007	220 1/10W	[M]
R2056	D0GB221JA007	220 1/10W	[M]
R2058	D0GBR00JA008	0 1/16W	[M]
R2059	D0GB103JA007	10K 1/10W	[M]
R2060	D0GB221JA007	220 1/10W	[M]
R2061	D0GB221JA007	220 1/10W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R2062	D0GB221JA007	220 1/10W	[M]
R2064	D0GB103JA007	10K 1/10W	[M]
R2065	D0GB221JA007	220 1/10W	[M]
R2066	D0GB221JA007	220 1/10W	[M]
R2067	D0GB473JA008	47K 1/16W	[M]
R2068	D0GB221JA007	220 1/10W	[M]
R2069	D0GB221JA007	220 1/10W	[M]
R2070	D0GB273JA007	27K 1/10W	[M]
R2071	D0GB101JA007	100 1/10W	[M]
R2072	D0GB101JA007	100 1/10W	[M]
R2073	D0GB101JA007	100 1/10W	[M]
R2075	D0GB221JA007	220 1/10W	[M]
R2077	D0GB103JA007	10K 1/10W	[M]
R2078	D0GB221JA007	220 1/10W	[M]
R2079	D0GB221JA007	220 1/10W	[M]
R2080	D0GB103JA007	10K 1/10W	[M]
R2081	D0GB103JA007	10K 1/10W	[M]
R2082	D0GB182JA008	1.8K 1/16W	[M]
R2084	D0GB473JA008	47K 1/16W	[M]
R2085	D0GB472JA008	4.7K 1/16W	[M]
R2086	D0GB223JA008	22K 1/16W	[M]
R2087	D0GB223JA008	22K 1/16W	[M]
R2089	D0GBR00JA008	0 1/16W	[M]
R2090	D0GB153JA007	15K 1/10W	[M]
R2092	D0GB221JA007	220 1/10W	[M]
R2093	D0GB103JA007	10K 1/10W	[M]
R2095	D0GB103JA007	10K 1/10W	[M]
R2096	D0GB473JA008	47K 1/16W	[M]
R2097	D0GB472JA008	4.7K 1/16W	[M]
R2098	D0GB225JA008	2.2M 1/16W	[M]
R2099	D0GB104JA008	100K 1/16W	[M]
R2100	D0GB332JA007	3.3K 1/10W	[M]
R2101	D0GB103JA007	10K 1/10W	[M]
R2102	D0GB332JA007	3.3K 1/10W	[M]
R2103	D0GB273JA007	27K 1/10W	[M]
R2105	D0GB222JA008	2.2K 1/16W	[M]
R2106	D0GB563JA008	56K 1/16W	[M]
R2111	D0GB472JA008	4.7K 1/16W	[M]
R2112	D0GB562JA008	5.6K 1/16W	[M]
R2113	D0GB562JA008	5.6K 1/16W	[M]
R2114	D0GB562JA008	5.6K 1/16W	[M]
R2115	D0GB332JA007	3.3K 1/10W	[M]
R2116	D0GB102JA008	1K 1/16W	[M]
R2117	D0GB273JA007	27K 1/10W	[M]
R2118	D0GB563JA008	56K 1/16W	[M]
R2119	D0GB152JA007	1.5K 1/10W	[M]
R2120	D0GB102JA008	1K 1/16W	[M]
R2121	D0GB152JA007	1.5K 1/10W	[M]
R2125	D0GB102JA008	1K 1/16W	[M]
R2126	D0GB682JA008	6.8K 1/16W	[M]
R2127	D0GB153JA007	15K 1/10W	[M]
R2128	D0GB153JA007	15K 1/10W	[M]
R2129	D0GB333JA008	33K 1/16W	[M]
R2130	D0GB102JA008	1K 1/16W	[M]
R2131	D0GB182JA008	1.8K 1/16W	[M]
R2133	D0GB103JA007	10K 1/10W	[M]
R2134	D0GB222JA008	2.2K 1/16W	[M]
R2135	D0GB563JA008	56K 1/16W	[M]
R2136	D0GB473JA008	47K 1/16W	[M]
R2145	D0GBR00JA008	0 1/16W	[M]
R2160	D0GB102JA008	1K 1/16W	[M]
R2161	D0GB473JA008	47K 1/16W	[M]
R2164	D0GB103JA007	10K 1/10W	[M]
R2165	D0GB103JA007	10K 1/10W	[M]
R2166	D0GBR00JA008	0 1/16W	[M]
R2170	D0GB222JA008	2.2K 1/16W	[M]
R2171	D0GB273JA007	27K 1/10W	[M]
R2172	D0GB182JA008	1.8K 1/16W	[M]
R2173	D0GB273JA007	27K 1/10W	[M]
R2174	D0GB332JA007	3.3K 1/10W	[M]
R2175	D0GB122JA007	1.2K 1/10W	[M]
R2176	D0GB223JA008	22K 1/16W	[M]
R2177	D0GB220JA008	22 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R2178	D0GB220JA008	22 1/16W	[M]
R2179	D0GB220JA008	22 1/16W	[M]
R2180	D0GB220JA008	22 1/16W	[M]
R2181	D0GB472JA008	4.7K 1/16W	[M]
R2182	D0GB100JA007	10 1/10W	[M]
R2183	D0GB182JA008	1.8K 1/16W	[M]
R2184	D0GB561JA008	560 1/16W	[M]
R2185	D0GB102JA008	1K 1/16W	[M]
R2186	D0GB332JA007	3.3K 1/10W	[M]
R2187	D0GB332JA007	3.3K 1/10W	[M]
R2189	D0GB222JA008	2.2K 1/16W	[M]
R2190	D0GB472JA008	4.7K 1/16W	[M]
R2191	D0GB332JA007	3.3K 1/10W	[M]
R2192	D0GB222JA008	2.2K 1/16W	[M]
R2193	D0GB821JA008	820 1/16W	[M]
R2194	D0GB103JA007	10K 1/10W	[M]
R2200	D0GB332JA007	3.3K 1/10W	[M]
R2201	D0GB103JA007	10K 1/10W	[M]
R2202	D0GB332JA007	3.3K 1/10W	[M]
R2203	D0GB273JA007	27K 1/10W	[M]
R2205	D0GB222JA008	2.2K 1/16W	[M]
R2206	D0GB563JA008	56K 1/16W	[M]
R2207	D0GB222JA008	2.2K 1/16W	[M]
R2211	D0GB472JA008	4.7K 1/16W	[M]
R2212	D0GB562JA008	5.6K 1/16W	[M]
R2213	D0GB562JA008	5.6K 1/16W	[M]
R2214	D0GB562JA008	5.6K 1/16W	[M]
R2215	D0GB332JA007	3.3K 1/10W	[M]
R2216	D0GB102JA008	1K 1/16W	[M]
R2219	D0GB152JA007	1.5K 1/10W	[M]
R2220	D0GB102JA008	1K 1/16W	[M]
R2221	D0GB152JA007	1.5K 1/10W	[M]
R2225	D0GB102JA008	1K 1/16W	[M]
R2226	D0GB682JA008	6.8K 1/16W	[M]
R2227	D0GB153JA007	15K 1/10W	[M]
R2228	D0GB153JA007	15K 1/10W	[M]
R2229	D0GB333JA008	33K 1/16W	[M]
R2230	D0GB102JA008	1K 1/16W	[M]
R2233	D0GB103JA007	10K 1/10W	[M]
R2235	D0GB563JA008	56K 1/16W	[M]
R2236	D0GB473JA008	47K 1/16W	[M]
R2245	D0GBR00JA008	0 1/16W	[M]
R2260	D0GB102JA008	1K 1/16W	[M]
R2261	D0GB473JA008	47K 1/16W	[M]
R2264	D0GB103JA007	10K 1/10W	[M]
R2265	D0GB103JA007	10K 1/10W	[M]
R2266	D0GBR00JA008	0 1/16W	[M]
R2270	D0GB222JA008	2.2K 1/16W	[M]
R2271	D0GB563JA008	56K 1/16W	[M]
R2273	D0GB273JA007	27K 1/10W	[M]
R2274	D0GB332JA007	3.3K 1/10W	[M]
R2275	D0GB122JA007	1.2K 1/10W	[M]
R2276	D0GB223JA008	22K 1/16W	[M]
R2277	D0GB220JA008	22 1/16W	[M]
R2278	D0GB220JA008	22 1/16W	[M]
R2279	D0GB220JA008	22 1/16W	[M]
R2280	D0GB220JA008	22 1/16W	[M]
R2281	D0GB472JA008	4.7K 1/16W	[M]
R2282	D0GB100JA007	10 1/10W	[M]
R2283	D0GB182JA008	1.8K 1/16W	[M]
R2284	D0GB561JA008	560 1/16W	[M]
R2285	D0GB102JA008	1K 1/16W	[M]
R2286	D0GB332JA007	3.3K 1/10W	[M]
R2288	D0GB332JA007	3.3K 1/10W	[M]
R2289	D0GB222JA008	2.2K 1/16W	[M]
R2290	D0GB472JA008	4.7K 1/16W	[M]
R2291	D0GB332JA007	3.3K 1/10W	[M]
R2292	D0GB222JA008	2.2K 1/16W	[M]
R2293	D0GB821JA008	820 1/16W	[M]
R2294	D0GB103JA007	10K 1/10W	[M]
R2300	D0GB122JA007	1.2K 1/10W	[M]
R2301	D0GB123JA007	12K 1/10W	[M]
R2302	D0GB182JA008	1.8K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R2303	D0GB103JA007	10K 1/10W	[M]
R2304	D0GB123JA007	12K 1/10W	[M]
R2310	D0GB102JA008	1K 1/16W	[M]
R2400	D0GB122JA007	1.2K 1/10W	[M]
R2401	D0GB123JA007	12K 1/10W	[M]
R2402	D0GB182JA008	1.8K 1/16W	[M]
R2403	D0GB103JA007	10K 1/10W	[M]
R2404	D0GB123JA007	12K 1/10W	[M]
R2410	D0GB102JA008	1K 1/16W	[M]
R2500	D0GB103JA007	10K 1/10W	[M]
R2501	D0GB183JA008	18K 1/16W	[M]
R2502	D0GB472JA008	4.7K 1/16W	[M]
R2503	D0GB822JA008	8.2K 1/16W	[M]
R2504	D0GB103JA007	10K 1/10W	[M]
R2505	D0GBR00JA008	0 1/16W	[M]
R2506	D0GB821JA008	820 1/16W	[M]
R2507	D0GB821JA008	820 1/16W	[M]
R2508	D0GB821JA008	820 1/16W	[M]
R2509	D0GB821JA008	820 1/16W	[M]
R2510	D0GB272JA008	2.7K 1/16W	[M]
R2511	D0GB821JA008	820 1/16W	[M]
R2512	D0GB182JA008	1.8K 1/16W	[M]
R2551	D0GB182JA008	1.8K 1/16W	[M]
R2552	D0GB473JA008	47K 1/16W	[M]
R2553	D0GB102JA008	1K 1/16W	[M]
R2554	D0GB102JA008	1K 1/16W	[M]
R2555	D0GB473JA008	47K 1/16W	[M]
R2556	D0GB684JA008	680K 1/16W	[M]
R2557	D0GB271JA008	270 1/16W	[M]
R2558	D0GB821JA008	820 1/16W	[M]
R2559	D0GB223JA008	22K 1/16W	[M]
R2600	D0GB102JA008	1K 1/16W	[M]
R2601	D0GB123JA007	12K 1/10W	[M]
R2609	D0GB472JA008	4.7K 1/16W	[M]
R2610	D0GB102JA008	1K 1/16W	[M]
R2611	D0GB103JA007	10K 1/10W	[M]
R2612	D0GB273JA007	27K 1/10W	[M]
R2613	D0GB562JA008	5.6K 1/16W	[M]
R2614	D0GB273JA007	27K 1/10W	[M]
R2617	D0GB272JA008	2.7K 1/16W	[M]
R2626	D0GB103JA007	10K 1/10W	[M]
R2627	D0GB683JA008	68K 1/16W	[M]
R2631	D0GB473JA008	47K 1/16W	[M]
R2632	D0GB123JA007	12K 1/10W	[M]
R2633	D0GB104JA008	100K 1/16W	[M]
R2634	D0GB102JA008	1K 1/16W	[M]
R2636	D0GB104JA008	100K 1/16W	[M]
R2637	D0GB104JA008	100K 1/16W	[M]
R2638	D0GB392JA008	3.9K 1/16W	[M]
R2639	D0GB822JA008	8.2K 1/16W	[M]
R2640	D0GB333JA008	33K 1/16W	[M]
R2641	D0GB103JA007	10K 1/10W	[M]
R2642	D0GB104JA008	100K 1/16W	[M]
R2643	D0GB332JA007	3.3K 1/10W	[M]
R2644	D0GB104JA008	100K 1/16W	[M]
R2645	D0GB104JA008	100K 1/16W	[M]
R2646	D0GB472JA008	4.7K 1/16W	[M]
R2647	D0GB103JA007	10K 1/10W	[M]
R2648	D0GB103JA007	10K 1/10W	[M]
R2649	D0GB103JA007	10K 1/10W	[M]
R2650	D0GB103JA007	10K 1/10W	[M]
R2651	D0GB104JA008	100K 1/16W	[M]
R2652	D0GB822JA008	8.2K 1/16W	[M]
R2653	D0GB104JA008	100K 1/16W	[M]
R2654	D0GB683JA008	68K 1/16W	[M]
R2655	D0GB682JA008	6.8K 1/16W	[M]
R2656	D0GB392JA008	3.9K 1/16W	[M]
R2657	D0GB182JA008	1.8K 1/16W	[M]
R2658	D0GB563JA008	56K 1/16W	[M]
R2659	D0GB222JA008	2.2K 1/16W	[M]
R2660	D0GB273JA007	27K 1/10W	[M]
R2661	D0GB102JA008	1K 1/16W	[M]
R2662	D0GB102JA008	1K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R2668	D0GBR00JA008	0 1/16W	[M]
R2704	D0GB561JA008	560 1/16W	[M]
R2705	D0GB101JA007	100 1/10W	[M]
R2757	D0GB563JA008	56K 1/16W	[M]
R2764	D0GB473JA008	47K 1/16W	[M]
R2804	D0GB102JA008	1K 1/16W	[M]
R2809	D0GB750JA008	75 1/16W	[M]
R2812	D0GB750JA008	75 1/16W	[M]
R2813	D0GB750JA008	75 1/16W	[M]
R2816	D0GB750JA008	75 1/16W	[M]
R2862	D0GB103JA007	10K 1/10W	[M]
R2863	D0GB103JA007	10K 1/10W	[M]
R2864	D0GB153JA007	15K 1/10W	[M]
R2865	D0GB821JA008	820 1/16W	[M]
R2871	ERJ6GEYJ330V	33 1/8W	[M]
R2900	D0GB562JA008	5.6K 1/16W	[M]
R2902	D0GB470JA008	47 1/16W	[M]
R2903	D0GB182JA008	1.8K 1/16W	[M]
R2905	D0GB390JA008	39 1/16W	[M]
R2906	ERJ3GEYF682V	6.8K 1/10W	[M]
R2907	D0GB272JA008	2.7K 1/16W	[M]
R2908	D0GB561JA008	560 1/16W	[M]
R2909	D0GB393JA008	39K 1/16W	[M]
R2910	ERG2SJ470E	47 2W	[M]
R2911	D0GB392JA008	3.9K 1/16W	[M]
R2912	D0GB272JA008	2.7K 1/16W	[M]
R2913	ERX2SJ1R5E	1.5 2W	[M]
R2914	D0GB473JA008	47K 1/16W	[M]
R2915	ERX2SJ1R5E	1.5 2W	[M]
R2919	D0GB102JA008	1K 1/16W	[M]
R2920	D0GB392JA008	3.9K 1/16W	[M]
R2921	D0GB391JA008	390 1/16W	[M]
R2922	ERJ3GEYF102V	1K 1/10W	[M]
R2923	ERJ3GEYF122V	1.2K 1/10W	[M]
R2930	D0GB472JA008	4.7K 1/16W	[M]
R2935	D0GB472JA008	4.7K 1/16W	[M]
R2936	D0GB471JA008	470 1/16W	[M]
R2937	D0GB393JA008	39K 1/16W	[M]
R2938	D0GB333JA008	33K 1/16W	[M]
R2941	D0GB223JA008	22K 1/16W	[M]
R2946	D0GB330JA008	33 1/16W	[M]
R2947	D0GB472JA008	4.7K 1/16W	[M]
R2948	D0GB472JA008	4.7K 1/16W	[M]
R2952	D0GB392JA008	3.9K 1/16W	[M]
R2953	D0GB561JA008	560 1/16W	[M]
R2954	ERG2SJ470E	47 2W	[M]
R2975	D0GB153JA007	15K 1/10W	[M]
R2976	D0GB103JA007	10K 1/10W	[M]
R2977	D0GB1R0JA007	1.0 1/10W	[M]
R3901	ERJ2GEJ511X	510 1/16W	[M]
R3902	D0GA103JA023	10K 1/16W	[M]
R3903	D0GA103JA023	10K 1/16W	[M]
R3904	D0GA472JA023	4.7K 1/16W	[M]
R3905	ERJ2GEJ202X	2.0K 1/16W	[M]
R3906	D0GA472JA023	4.7K 1/16W	[M]
R3907	D0GA222JA023	2.2K 1/16W	[M]
R3921	ERJ2GE0R00X	0 1/16W	[M]
R3924	ERJ2GE0R00X	0 1/16W	[M]
R3925	D0GA103JA023	10K 1/16W	[M]
R3941	D0GA273JA023	27K 1/16W	[M]
R3942	ERJ2GEJ224X	220K 1/16W	[M]
R3943	D0GA104JA023	100K 1/16W	[M]
R3944	D0GA221JA023	220 1/16W	[M]
R3945	D0GA103JA023	10K 1/16W	[M]
R3946	ERJ2GEJ272X	2.7K 1/16W	[M]
R3947	D0GA103JA023	10K 1/16W	[M]
R5000	D0GB562JA008	5.6K 1/16W	[M]
R5001	D0GB562JA008	5.6K 1/16W	[M]
R5002	D0GB562JA008	5.6K 1/16W	[M]
R5003	D0GB562JA008	5.6K 1/16W	[M]
R5004	D0GF100JA014	10 1/8W	[M]
R5005	D0GF100JA014	10 1/8W	[M]
R5006	D0GZ220JA012	22 1W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R5007	D0GZ220JA012	22 1W	[M]
R5008	D0GB101JA007	100 1/10W	[M]
R5010	D0GF100JA014	10 1/8W	[M]
R5011	D0GF100JA014	10 1/8W	[M]
R5018	D0GB683JA008	68K 1/16W	[M]
R5019	D0GB683JA008	68K 1/16W	[M]
R5020	D0GB124JA008	120K 1/16W	[M]
R5021	D0GB122JA007	1.2K 1/10W	[M]
R5022	D0GB122JA007	1.2K 1/10W	[M]
R5023	D0GB122JA007	1.2K 1/10W	[M]
R5030	D0GB562JA008	5.6K 1/16W	[M]
R5031	D0GB562JA008	5.6K 1/16W	[M]
R5032	D0GB562JA008	5.6K 1/16W	[M]
R5033	D0GB562JA008	5.6K 1/16W	[M]
R5034	D0GB562JA008	5.6K 1/16W	[M]
R5035	D0GB562JA008	5.6K 1/16W	[M]
R5036	D0GB562JA008	5.6K 1/16W	[M]
R5037	D0GB562JA008	5.6K 1/16W	[M]
R5103	D0GB562JA008	5.6K 1/16W	[M]
R5104	D0GB562JA008	5.6K 1/16W	[M]
R5110	D0GB223JA008	22K 1/16W	[M]
R5113	D0GB124JA008	120K 1/16W	[M]
R5118	D0GB562JA008	5.6K 1/16W	[M]
R5119	D0GB562JA008	5.6K 1/16W	[M]
R5200	D0GF100JA014	10 1/8W	[M]
R5201	D0GF100JA014	10 1/8W	[M]
R5204	D0GB101JA007	100 1/10W	[M]
R5205	D0GB562JA008	5.6K 1/16W	[M]
R5206	D0GB562JA008	5.6K 1/16W	[M]
R5207	D0GB562JA008	5.6K 1/16W	[M]
R5208	D0GB562JA008	5.6K 1/16W	[M]
R5209	D0GZ220JA012	22 1W	[M]
R5210	D0GF100JA014	10 1/8W	[M]
R5211	D0GF100JA014	10 1/8W	[M]
R5217	D0GZ220JA012	22 1W	[M]
R5218	D0GB683JA008	68K 1/16W	[M]
R5228	D0GB124JA008	120K 1/16W	[M]
R5300	D0GZ220JA012	22 1W	[M]
R5302	D0GF100JA014	10 1/8W	[M]
R5304	D0GB101JA007	100 1/10W	[M]
R5305	D0GF100JA014	10 1/8W	[M]
R5306	D0GB562JA008	5.6K 1/16W	[M]
R5307	D0GB562JA008	5.6K 1/16W	[M]
R5308	D0GB562JA008	5.6K 1/16W	[M]
R5309	D0GB562JA008	5.6K 1/16W	[M]
R5310	D0GF100JA014	10 1/8W	[M]
R5311	D0GF100JA014	10 1/8W	[M]
R5317	D0GB122JA007	1.2K 1/10W	[M]
R5318	D0GB124JA008	120K 1/16W	[M]
R5319	D0GZ220JA012	22 1W	[M]
R5327	D0GB122JA007	1.2K 1/10W	[M]
R5328	D0GB683JA008	68K 1/16W	[M]
R5400	D0GZ220JA012	22 1W	[M]
R5402	D0GF100JA014	10 1/8W	[M]
R5404	D0GB101JA007	100 1/10W	[M]
R5405	D0GF100JA014	10 1/8W	[M]
R5410	D0GF100JA014	10 1/8W	[M]
R5411	D0GF100JA014	10 1/8W	[M]
R5419	D0GZ220JA012	22 1W	[M]
R5504	D0GB220JA008	22 1/16W	[M]
R5505	D0GB101JA007	100 1/10W	[M]
R5506	D0GB105JA008	1M 1/16W	[M]
R5507	D0GB105JA008	1M 1/16W	[M]
R5508	D0GB105JA008	1M 1/16W	[M]
R5510	ERG2SJ471E	470 2W	[M]
R5511	D0GB220JA008	22 1/16W	[M]
R5602	D0GB103JA007	10K 1/10W	[M]
R5603	D0GB103JA007	10K 1/10W	[M]
R5604	D0GB122JA007	1.2K 1/10W	[M]
R5606	D0GB103JA007	10K 1/10W	[M]
R5607	D0GB122JA007	1.2K 1/10W	[M]
R5608	D0GB103JA007	10K 1/10W	[M]
R5609	D0GB103JA007	10K 1/10W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R5610	D0GB122JA007	1.2K 1/10W	[M]
R5611	D0GB122JA007	1.2K 1/10W	[M]
R5636	D0AF392JA039	3.9K 1/2W	[M]
R5637	D0GB100JA007	10 1/10W	[M]
R5639	D0GB332JA007	3.3K 1/10W	[M]
R5640	D0GBR00JA008	0 1/16W	[M]
R5654	D0GB563JA008	56K 1/16W	[M]
R5655	D0GB103JA007	10K 1/10W	[M]
R5656	D0GB103JA007	10K 1/10W	[M]
R5657	D0GB103JA007	10K 1/10W	[M]
R5658	ERJ3GEYJ185V	1.8M 1/10W	[M]
R5659	D0GB104JA008	100K 1/16W	[M]
R5660	D0GB103JA007	10K 1/10W	[M]
R5670	D0GBR00JA008	0 1/16W	[M]
R5701	ERDS1TJ475B	4.7M 1W	[M]
R5702	ERJ1TYJ104U	100K 1W	[M]
R5703	ERJ1TYJ104U	100K 1W	[M]
R5704	D0GF394JA017	390K 1/8W	[M]
R5705	D0GF394JA017	390K 1/8W	[M]
R5720	D0GD220JA017	22 1/10W	[M]
R5721	D0GB103JA017	10K 1/10W	[M]
R5722	D0GD102JA017	1K 1/10W	[M]
R5723	D0GB102JA008	1K 1/16W	[M]
R5724	D0GD121JA017	120 1/10W	[M]
R5725	D0GBR00JA008	0 1/16W	[M]
R5726	ERX2LJ82MP	82m 2W	[M]
R5728	D0GB104JA008	100K 1/16W	[M]
R5729	D0GD103JA017	10K 1/10W	[M]
R5730	D0GB102JA008	1K 1/16W	[M]
R5731	D0GBR00JA008	0 1/16W	[M]
R5732	D0GB101JA007	100 1/10W	[M]
R5733	D0GB473JA008	47K 1/16W	[M]
R5751	D0GB223JA008	22K 1/16W	[M]
R5752	D0GB222JA008	2.2K 1/16W	[M]
R5786	ERJ1TYJ204U	200K 1W	[M]
R5787	D0GB753JA007	75K 1/10W	[M]
R5788	D0GB223JA008	22K 1/16W	[M]
R5789	D0GB223JA008	22K 1/16W	[M]
R5790	ERJ3GEYF333V	33K 1/10W	[M]
R5791	ERJ3GEYF563V	56K 1/10W	[M]
R5792	D0GF394JA017	390K 1/8W	[M]
R5793	D0GF394JA017	390K 1/8W	[M]
R5794	D0GF394JA017	390K 1/8W	[M]
R5795	ERJ6GEYJ433V	43K 1/8W	[M]
R5796	ERDS1FVJ222T	2.2K 1/2W	[M]
R5797	D0GD472JA017	4.7K 1/10W	[M]
R5798	D0GD100JA017	10 1/10W	[M]
R5799	D0GD100JA017	10 1/10W	[M]
R5800	ERJ6GEYJ123V	12K 1/8W	[M]
R5801	D0GD103JA017	10K 1/10W	[M]
R5802	ERJ3RBD272V	2.7K 1/16W	[M]
R5803	D0GDR00JA017	0 1/10W	[M]
R5804	ERJ6RBD473V	47K 1/10W	[M]
R5805	ERJ3RBD222V	2.2K 1/16W	[M]
R5806	D0GB153JA007	15K 1/10W	[M]
R5807	ERJ6GEYJ331V	330 1/8W	[M]
R5808	D0GD222JA017	2.2K 1/10W	[M]
R5809	ERJ6GEYJ331V	330 1/8W	[M]
R5810	D0GB331JA008	330 1/10W	[M]
R5811	ERJ8GEYJ152V	1.5K 1/4W	[M]
R5812	D0HB822ZA002	8.2K 1/16W	[M]
R5813	ERJ3RBD243V	24K 1/16W	[M]
R5814	D0GB822JA008	8.2K 1/16W	[M]
R5815	D0GB272JA008	2.7K 1/16W	[M]
R5816	ERJ8GEYJ152V	1.5K 1/4W	[M]
R5817	D0GB331JA008	330 1/10W	[M]
R5820	ERG2SJ910E	91 2W	[M]
R5821	ERG2SJ910E	91 2W	[M]
R5822	ERG2SJ910E	91 2W	[M]
R5823	ERG2SJ910E	91 2W	[M]
R5824	ERG2SJ910E	91 2W	[M]
R5825	D0GB102JA008	1K 1/16W	[M]
R5832	ERJ1TYJ222U	2.2K 1W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R5834	ERJ1TYJ222U	2.2K 1W	[M]
R5840	D0GB823JA008	82K 1/16W	[M]
R5841	D0GB124JA008	120K 1/16W	[M]
R5860	ERJ3GEYF103V	10K 1/10W	[M]
R5861	ERJ3GEYF302V	3K 1/10W	[M]
R5862	D0GD103JA017	10K 1/10W	[M]
R5863	D0GD103JA017	10K 1/10W	[M]
R5864	ERJ6GEYF103V	10K 1/8W	[M]
R5890	D0GB222JA008	2.2K 1/16W	[M]
R5891	ERJ3RBD333V	33K 1/16W	[M]
R5892	ERJ3RBD472V	4.7K 1/16W	[M]
R5893	ERJ3RBD393V	39K 1/16W	[M]
R5894	D0GB102JA008	1K 1/16W	[M]
R5895	D0GB101JA007	100 1/10W	[M]
R5896	D0GB104JA008	100K 1/16W	[M]
R5897	D0GB101JA007	100 1/10W	[M]
R6100	D0GB473JA008	47K 1/16W	[M]
R6101	D0GB103JA007	10K 1/10W	[M]
R6102	D0GB103JA007	10K 1/10W	[M]
R6103	D0GB103JA007	10K 1/10W	[M]
R6104	D0GB103JA007	10K 1/10W	[M]
R6105	D0GB103JA007	10K 1/10W	[M]
R6200	D0GB473JA008	47K 1/16W	[M]
R6201	D0GB103JA007	10K 1/10W	[M]
R6203	D0GB103JA007	10K 1/10W	[M]
R6204	D0GB103JA007	10K 1/10W	[M]
R6300	D0GB750JA008	75 1/16W	[M]
R6301	D0GB100JA007	10 1/10W	[M]
R6302	D0GB100JA007	10 1/10W	[M]
R6400	D0GB102JA008	1K 1/16W	[M]
R6403	ERJ3GEYF334V	330K 1/10W	[M]
R6404	ERJ3GEYF224V	220K 1/10W	[M]
R6601	D0GB102JA008	1K 1/16W	[M]
R6602	D0GB102JA008	1K 1/16W	[M]
R6801	D0GB102JA008	1K 1/16W	[M]
R6802	D0GB102JA008	1K 1/16W	[M]
R6803	D0GB122JA007	1.2K 1/10W	[M]
R6804	D0GB182JA008	1.8K 1/16W	[M]
R6805	D0GB222JA008	2.2K 1/16W	[M]
R6806	D0GB272JA008	2.7K 1/16W	[M]
R6807	D0GB472JA008	4.7K 1/16W	[M]
R6808	D0GBR00JA008	0 1/16W	[M]
R6901	D0GBR00JA008	0 1/16W	[M]
R6902	D0GB272JA008	2.7K 1/16W	[M]
R6903	D0GB122JA007	1.2K 1/10W	[M]
R6904	D0GB102JA008	1K 1/16W	[M]
R6905	D0GB102JA008	1K 1/16W	[M]
R6907	D0GB223JA008	22K 1/16W	[M]
R6909	D0GB223JA008	22K 1/16W	[M]
R6910	D0GBR00JA008	0 1/16W	[M]
R6912	D0GB182JA008	1.8K 1/16W	[M]
R6914	D0GB563JA008	56K 1/16W	[M]
R6916	D0GB680JA007	68 1/10W	[M]
R6917	D0GB680JA007	68 1/10W	[M]
R6918	D0GB223JA008	22K 1/16W	[M]
R6919	D0GB470JA008	47 1/16W	[M]
R6920	D0GB470JA008	47 1/16W	[M]
R6927	D0GB680JA007	68 1/10W	[M]
R6934	D0GB470JA008	47 1/16W	[M]
R6935	D0GB1R0JA007	1.0 1/10W	[M]
R6939	ERJ6GEYJ1R2V	1.2 1/8W	[M]
R6940	ERJ6GEYJ1R2V	1.2 1/8W	[M]
R6958	D0GB680JA007	68 1/10W	[M]
R6959	D0GB103JA007	10K 1/10W	[M]
R6960	D0GB222JA008	2.2K 1/16W	[M]
R6961	D0GB331JA008	330 1/10W	[M]
R8001	D0GA103JA023	10K 1/16W	[M]
R8003	D0GA103JA023	10K 1/16W	[M]
R8011	D0GA220JA023	22 1/16W	[M]
R8012	D0GA220JA023	22 1/16W	[M]
R8013	D0GA220JA023	22 1/16W	[M]
R8025	D0GBR00JA008	0 1/16W	[M]
R8153	ERJ2RHD621X	620 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R8154	ERJ2RHD102X	1K 1/16W	[M]
R8211	D0GA103JA023	10K 1/16W	[M]
R8221	D0GA822JA023	8.2K 1/16W	[M]
R8225	D0GA822JA023	8.2K 1/16W	[M]
R8230	D0GA222JA023	2.2K 1/16W	[M]
R8231	D0GA752JA023	7.5K 1/16W	[M]
R8232	D0GA752JA023	7.5K 1/16W	[M]
R8251	D0GD6R8JA017	6.8 1/10W	[M]
R8261	D0GA823JA023	82K 1/16W	[M]
R8262	D0GA153JA023	15K 1/16W	[M]
R8263	D0GA823JA023	82K 1/16W	[M]
R8264	D0GA153JA023	15K 1/16W	[M]
R8311	ERJ2RHD242X	2.4K 1/16W	[M]
R8312	ERJ2RHD102X	1K 1/16W	[M]
R8313	ERJ2RHD153X	15K 1/16W	[M]
R8314	ERJ2RHD153X	15K 1/16W	[M]
R8321	ERJ3RBD201V	200 1/16W	[M]
R8323	D0GA330JA023	33 1/16W	[M]
R8324	D0GA102JA023	1K 1/16W	[M]
R8325	ERJ3RBD201V	200 1/16W	[M]
R8327	D0GA330JA023	33 1/16W	[M]
R8328	D0GA102JA023	1K 1/16W	[M]
R8331	ERJ3RBD201V	200 1/16W	[M]
R8333	D0GA330JA023	33 1/16W	[M]
R8334	D0GA102JA023	1K 1/16W	[M]
R8335	ERJ3RBD201V	200 1/16W	[M]
R8336	D0GA330JA023	33 1/16W	[M]
R8337	D0GA102JA023	1K 1/16W	[M]
R8341	ERJ3RBD201V	200 1/16W	[M]
R8342	D0GA330JA023	33 1/16W	[M]
R8343	D0GA102JA023	1K 1/16W	[M]
R8401	D0GA101JA023	100 1/16W	[M]
R8402	D0GA101JA023	100 1/16W	[M]
R8403	D0GA101JA023	100 1/16W	[M]
R8404	D0GA101JA023	100 1/16W	[M]
R8420	D0GA222JA023	2.2K 1/16W	[M]
R8421	ERJ2GEJ100X	10 1/16W	[M]
R8531	D0GA152JA023	1.5K 1/16W	[M]
R8532	D0GA222JA023	2.2K 1/16W	[M]
R8533	ERJ2GE0R00X	0 1/16W	[M]
R8534	D0GA103JA023	10K 1/16W	[M]
R8535	D0GA104JA023	100K 1/16W	[M]
R8536	D0GA103JA023	10K 1/16W	[M]
R8537	ERJ2GE0R00X	0 1/16W	[M]
R8538	ERJ2GE0R00X	0 1/16W	[M]
R8539	ERJ2GE0R00X	0 1/16W	[M]
R8540	D0GBR00JA008	0 1/16W	[M]
R8541	D0GA153JA023	15K 1/16W	[M]
R8551	ERJ2GE0R00X	0 1/16W	[M]
R8552	D0GA102JA023	1K 1/16W	[M]
R8553	D0GA102JA023	1K 1/16W	[M]
R8554	ERJ2GEJ680X	68 1/16W	[M]
R8555	D0GA2R2JA023	2.2 1/16W	[M]
R8556	D0GB560JA007	56 1/10W	[M]
R8557	D0GB510JA007	51 1/10W	[M]
R8558	D0GA473JA023	47K 1/16W	[M]
R8559	D0GA153JA023	15K 1/16W	[M]
R8561	ERJ2GE0R00X	0 1/16W	[M]
R8562	D0GA102JA023	1K 1/16W	[M]
R8563	D0GA102JA023	1K 1/16W	[M]
R8564	D0GA220JA023	22 1/16W	[M]
R8565	D0GA2R2JA023	2.2 1/16W	[M]
R8566	D0GB560JA007	56 1/10W	[M]
R8567	D0GB510JA007	51 1/10W	[M]
R8568	D0GA473JA023	47K 1/16W	[M]
R8601	D0GA104JA023	100K 1/16W	[M]
R8611	D0GA101JA023	100 1/16W	[M]
R8613	D0GA101JA023	100 1/16W	[M]
R8621	D0GA105JA023	1M 1/16W	[M]
R8622	ERJ2RHD102X	1K 1/16W	[M]
R9007	D0GA103JA023	10K 1/16W	[M]
R9023	D0GA103JA023	10K 1/16W	[M]
R9036	D0GA103JA023	10K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R9037	D0GA103JA023	10K 1/16W	[M]
R9038	D0GA103JA023	10K 1/16W	[M]
R9040	D0GA103JA023	10K 1/16W	[M]
R9041	D0GA103JA023	10K 1/16W	[M]
R9042	D0GA103JA023	10K 1/16W	[M]
R9043	D0GA103JA023	10K 1/16W	[M]
R9044	D0GA103JA023	10K 1/16W	[M]
R9045	D0GA103JA023	10K 1/16W	[M]
R9046	D0GA103JA023	10K 1/16W	[M]
R9047	D0GA103JA023	10K 1/16W	[M]
R9048	D0GA103JA023	10K 1/16W	[M]
R9049	D0GA103JA023	10K 1/16W	[M]
R9055	D0GA472JA023	4.7K 1/16W	[M]
R9080	D0GA103JA023	10K 1/16W	[M]
R9083	D0GA470JA023	47 1/16W	[M]
R9084	D0GA470JA023	47 1/16W	[M]
R9085	D0GA470JA023	47 1/16W	[M]
R9086	D0GA470JA023	47 1/16W	[M]
R9087	D0GA470JA023	47 1/16W	[M]
R9088	D0GA470JA023	47 1/16W	[M]
R9099	ERJ2GE0R00X	0 1/16W	[M]
RX3707	D1H84714A043	CHIP RESISTOR	[M]
RX3708	D1H84714A043	CHIP RESISTOR	[M]
RX3901	D1H410120001	CHIP RESISTOR	[M]
RX8001	D1H410320002	CHIP RESISTOR	[M]
RX8011	D1H88204A043	CHIP RESISTOR	[M]
RX8012	D1H88204A043	CHIP RESISTOR	[M]
RX8013	D1H88204A043	CHIP RESISTOR	[M]
RX8014	D1H88204A043	CHIP RESISTOR	[M]
RX8015	D1H88204A043	CHIP RESISTOR	[M]
RX8016	D1H88204A043	CHIP RESISTOR	[M]
RX8017	D1H88204A043	CHIP RESISTOR	[M]
RX8018	D1H422020001	CHIP RESISTOR	[M]
RX8019	D1H422020001	CHIP RESISTOR	[M]
RX8020	D1H422020001	CHIP RESISTOR	[M]
RX8031	D1H447220001	CHIP RESISTOR	[M]
RX8032	D1H447220001	CHIP RESISTOR	[M]
RX8111	D1H422320002	CHIP RESISTOR	[M]
RX8401	D1H410120001	CHIP RESISTOR	[M]
RX8402	D1H410120001	CHIP RESISTOR	[M]
RX8531	D1H456020001	CHIP RESISTOR	[M]
RX8532	D1H85604A043	CHIP RESISTOR	[M]
RX8533	D1H456020001	CHIP RESISTOR	[M]
RX8534	D1H456020001	CHIP RESISTOR	[M]
RX8611	D1H447220001	CHIP RESISTOR	[M]
RX8691	D1H410320002	CHIP RESISTOR	[M]
RX9014	D1H85604A043	CHIP RESISTOR	[M]
RX9015	D1H85604A043	CHIP RESISTOR	[M]
RX9016	D1H85604A043	CHIP RESISTOR	[M]
RX9017	D1H85604A043	CHIP RESISTOR	[M]
RX9018	D1H447220001	CHIP RESISTOR	[M]
RX9020	D1H447220001	CHIP RESISTOR	[M]
		CAPACITORS	
C1001	F1H1H104A013	0.1uF 50V	[M]
C1002	F1H1H104A013	0.1uF 50V	[M]
C1003	F1H1H104A013	0.1uF 50V	[M]
C1004	F1H1H104A013	0.1uF 50V	[M]
C1701	F1H1H104A013	0.1uF 50V	[M]
C1702	F2G1C470A076	47uF 16V	[M]
C1703	F2G1C470A076	47uF 16V	[M]
C1704	F1H1H104A013	0.1uF 50V	[M]
C2000	F1H1H104A013	0.1uF 50V	[M]
C2001	F1H1H104A013	0.1uF 50V	[M]
C2002	F1H1H104A013	0.1uF 50V	[M]
C2003	ECEA1EKS220B	22uF 25V	[M]
C2006	ECEA1HKS2R2B	2.2uF 50V	[M]
C2007	F1H1H104A013	0.1uF 50V	[M]
C2008	ECEA0JKS101B	100uF 6.3V	[M]
C2009	F1H1H104A013	0.1uF 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C2010	F1H1H331A013	330pF 50V	[M]
C2011	F1H1H331A013	330pF 50V	[M]
C2012	F1H1H331A013	330pF 50V	[M]
C2013	F1H1H223A219	0.022uF 50V	[M]
C2014	ECEA1EKS4R7B	4.7uF 25V	[M]
C2015	ECJ1VB1H221K	220pF 50V	[M]
C2016	ECJ1VB1H221K	220pF 50V	[M]
C2017	F1H1H103A219	0.01uF 50V	[M]
C2018	ECEA1CKS470B	47uF 16V	[M]
C2019	ECEA1CKS470B	47uF 16V	[M]
C2020	F1H1H103A219	0.01uF 50V	[M]
C2025	ECJ1VB1H221K	220pF 50V	[M]
C2026	F1H1H104A013	0.1uF 50V	[M]
C2027	F1H1H104A013	0.1uF 50V	[M]
C2028	F2A1C100A207	10uF 16V	[M]
C2029	F2A1C100A207	10uF 16V	[M]
C2101	F1H1C105A097	1uF 16V	[M]
C2102	F1H1C473A088	0.047uF 16V	[M]
C2103	F1H1C105A097	1uF 16V	[M]
C2104	F1H1C563A055	0.056uF 16V	[M]
C2105	ECEA1EKS4R7B	4.7uF 25V	[M]
C2106	F1H1H222A219	2200pF 50V	[M]
C2108	F1H1H682A219	6800pF 50V	[M]
C2111	F1H1C105A097	1uF 16V	[M]
C2112	F1H1H182A219	1800pF 50V	[M]
C2113	F1H1H102A219	1000pF 50V	[M]
C2114	F1H1H562A219	5600pF 50V	[M]
C2115	F1H1C563A055	0.056uF 16V	[M]
C2116	F1H1C563A055	0.056uF 16V	[M]
C2117	F1H1H104A013	0.1uF 50V	[M]
C2118	F1H1H104A013	0.1uF 50V	[M]
C2119	F1H1C105A097	1uF 16V	[M]
C2121	F1H1H104A013	0.1uF 50V	[M]
C2123	F1H1C105A097	1uF 16V	[M]
C2124	F1H1H102A219	1000pF 50V	[M]
C2125	F1H1H101A230	100pF 50V	[M]
C2126	F1H1C105A097	1uF 16V	[M]
C2127	F1H1H104A013	0.1uF 50V	[M]
C2128	F1H1H470A004	47pF 50V	[M]
C2129	F1H1H104A013	0.1uF 50V	[M]
C2130	F1H1H562A219	5600pF 50V	[M]
C2131	F1H1H682A219	6800pF 50V	[M]
C2135	F1H1H153A219	0.015uF 50V	[M]
C2162	F1H1H332A013	3300pF 50V	[M]
C2164	ECJ1VB1H221K	220pF 50V	[M]
C2169	F1H1H103A219	0.01uF 50V	[M]
C2171	ECEA1EKS4R7B	4.7uF 25V	[M]
C2177	F2A1H1R0A213	1.0uF 50V	[M]
C2178	F1H1H101A230	100pF 50V	[M]
C2179	ECJ1VC1H151K	150pF 50V	[M]
C2180	F1H1H104A013	0.1uF 50V	[M]
C2181	F1H1H102A219	1000pF 50V	[M]
C2190	F1H1C105A097	1uF 16V	[M]
C2193	F1H1H332A013	3300pF 50V	[M]
C2194	F1J0J4750004	4.7uF 6.3V	[M]
C2195	ECJ1VB1H681K	680pF 50V	[M]
C2201	F1H1C105A097	1uF 16V	[M]
C2202	F1H1C473A088	0.047uF 16V	[M]
C2203	F1H1C105A097	1uF 16V	[M]
C2204	F1H1C563A055	0.056uF 16V	[M]
C2206	F1H1H222A219	2200pF 50V	[M]
C2208	F1H1H682A219	6800pF 50V	[M]
C2211	F1H1C105A097	1uF 16V	[M]
C2212	F1H1H182A219	1800pF 50V	[M]
C2213	F1H1H102A219	1000pF 50V	[M]
C2214	F1H1H562A219	5600pF 50V	[M]
C2215	F1H1C563A055	0.056uF 16V	[M]
C2216	F1H1C563A055	0.056uF 16V	[M]
C2217	F1H1H104A013	0.1uF 50V	[M]
C2218	F1H1H104A013	0.1uF 50V	[M]
C2219	F1H1C105A097	1uF 16V	[M]
C2221	F1H1H104A013	0.1uF 50V	[M]
C2223	F1H1C105A097	1uF 16V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C2224	F1H1H102A219	1000pF 50V	[M]
C2225	F1H1H101A230	100pF 50V	[M]
C2226	F1H1C105A097	1uF 16V	[M]
C2227	F1H1H104A013	0.1uF 50V	[M]
C2228	F1H1H470A004	47pF 50V	[M]
C2229	F1H1H104A013	0.1uF 50V	[M]
C2230	F1H1H562A219	5600pF 50V	[M]
C2231	F1H1H682A219	6800pF 50V	[M]
C2235	F1H1H153A219	0.015uF 50V	[M]
C2262	F1H1H332A013	3300pF 50V	[M]
C2264	ECJ1VB1H221K	220pF 50V	[M]
C2277	F2A1H1R0A213	1.0uF 50V	[M]
C2278	F1H1H101A230	100pF 50V	[M]
C2279	ECJ1VC1H151K	150pF 50V	[M]
C2280	F1H1H104A013	0.1uF 50V	[M]
C2281	F1H1H102A219	1000pF 50V	[M]
C2290	F1H1C105A097	1uF 16V	[M]
C2293	F1H1H332A013	3300pF 50V	[M]
C2294	F1J0J4750004	4.7uF 6.3V	[M]
C2295	ECJ1VB1H681K	680pF 50V	[M]
C2300	F1H1C105A097	1uF 16V	[M]
C2301	F1J0J4750004	4.7uF 6.3V	[M]
C2302	F1H1C393A001	0.039uF 16V	[M]
C2303	F1H1H473A783	0.047uF 50V	[M]
C2304	F1J0J4750004	4.7uF 6.3V	[M]
C2305	F1H1H332A013	3300pF 50V	[M]
C2306	F1H1A154A037	0.15uF 10V	[M]
C2307	F1H1C105A097	1uF 16V	[M]
C2308	F1H1H223A219	0.022uF 50V	[M]
C2309	ECJ1VB1C823K	0.082uF 16V	[M]
C2310	F1H1H223A219	0.022uF 50V	[M]
C2315	F1H1H682A219	6800pF 50V	[M]
C2400	F1H1C105A097	1uF 16V	[M]
C2401	F1J0J4750004	4.7uF 6.3V	[M]
C2402	F1H1C393A001	0.039uF 16V	[M]
C2403	F1H1H473A783	0.047uF 50V	[M]
C2404	F1J0J4750004	4.7uF 6.3V	[M]
C2405	F1H1H332A013	3300pF 50V	[M]
C2406	F1H1A154A037	0.15uF 10V	[M]
C2407	F1H1C105A097	1uF 16V	[M]
C2408	F1H1H223A219	0.022uF 50V	[M]
C2415	F1H1H682A219	6800pF 50V	[M]
C2500	F1H1C105A097	1uF 16V	[M]
C2501	ECEA1EKS4R7B	4.7uF 25V	[M]
C2502	F1H1H473A783	0.047uF 50V	[M]
C2503	F1H1C473A088	0.047uF 16V	[M]
C2504	ECJ1VB1H681K	680pF 50V	[M]
C2509	F1H1H103A219	0.01uF 50V	[M]
C2551	F1H1H560A230	56pF 50V	[M]
C2552	F1H1H152A219	1500pF 50V	[M]
C2553	F1H1H152A219	1500pF 50V	[M]
C2554	F1H1H104A013	0.1uF 50V	[M]
C2555	F1H1H104A013	0.1uF 50V	[M]
C2556	ECEA1HKS2R2B	2.2uF 50V	[M]
C2600	F1H1C105A097	1uF 16V	[M]
C2601	ECEA1EKS220B	22uF 25V	[M]
C2602	ECEA1EKS4R7B	4.7uF 25V	[M]
C2603	F1H1H223A219	0.022uF 50V	[M]
C2604	ECEA1EKS4R7B	4.7uF 25V	[M]
C2605	F1H1H682A219	6800pF 50V	[M]
C2609	F1H1A224A007	0.22uF 10V	[M]
C2610	ECJ1VB1A334K	0.33uF 10V	[M]
C2611	F1H1H104A013	0.1uF 50V	[M]
C2612	F1H1H103A219	0.01uF 50V	[M]
C2617	F1H1C683A087	0.068uF 16V	[M]
C2624	F1J0J106A014	10uF 6.3V	[M]
C2625	F1H1H223A219	0.022uF 50V	[M]
C2626	F1J0J4750004	4.7uF 6.3V	[M]
C2627	F1H1H101A230	100pF 50V	[M]
C2628	F1J0J106A014	10uF 6.3V	[M]
C2629	F2A1H100A214	10uF 50V	[M]
C2630	F1H1H221A792	220pF 50V	[M]
C2631	F2A1H1R0A213	1.0uF 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C2632	F1H1A474A025	0.47uF 10V	[M]
C2633	F1H1H104A013	0.1uF 50V	[M]
C2634	F1H1H680A230	68pF 50V	[M]
C2635	F1H1E103A029	0.01uF 25V	[M]
C2636	F1H1E103A029	0.01uF 25V	[M]
C2637	ECEA1EKS4R7B	4.7uF 25V	[M]
C2751	F1H1C105A097	1uF 16V	[M]
C2756	F2A0J470A167	47uF 6.3V	[M]
C2801	F1H1C105A097	1uF 16V	[M]
C2802	F2A0J102A016	1000uF 6.3V	[M]
C2804	ECA1AM331B	330uF 10V	[M]
C2805	F2A0J471A016	470uF 6.3V	[M]
C2806	F2A0J471A016	470uF 6.3V	[M]
C2807	F1H1H103A219	0.01uF 50V	[M]
C2808	F2A1A2210063	220uF 10V	[M]
C2809	ECEA1EKS220B	22uF 25V	[M]
C2810	F1H1H103A219	0.01uF 50V	[M]
C2811	F1H1H104A013	0.1uF 50V	[M]
C2812	F1H1H104A013	0.1uF 50V	[M]
C2817	F1H1C105A097	1uF 16V	[M]
C2818	F1H1C105A097	1uF 16V	[M]
C2823	F1H1H101A230	100pF 50V	[M]
C2825	F1H1H101A230	100pF 50V	[M]
C2826	F1H1H101A230	100pF 50V	[M]
C2827	F1H1H101A230	100pF 50V	[M]
C2842	F2A0J102A016	1000uF 6.3V	[M]
C2847	ECQB1H103JF3	0.01uF 50V	[M]
C2900	F2A1V330A379	33uF 35V	[M]
C2901	F2A1E102A151	1000uF 25V	[M]
C2902	ECQB1H392KF3	3900pF 50V	[M]
C2903	F2A1V330A379	33uF 35V	[M]
C2905	F1H1H103A219	0.01uF 50V	[M]
C2906	EEUFC1C471B	470uF 16V	[M]
C2907	F1H1H103A219	0.01uF 50V	[M]
C2908	F2A1C101A208	100uF 16V	[M]
C2909	F2A1A330A010	33uF 10V	[M]
C2911	F2A0J102A551	1000uF 6.3V	[M]
C2912	F2A1C101A155	100uF 16V	[M]
C2914	F2A0J221A245	220uF 6.3V	[M]
C2915	F1H1H104A013	0.1uF 50V	[M]
C2916	F2A1C101A208	100uF 16V	[M]
C2917	F2A0J101A181	100uF 6.3V	[M]
C2919	F2A1C221A019	220uF 16V	[M]
C2922	EEUFC0J821B	820uF 6.3V	[M]
C2923	F2A1E2210045	220uF 25V	[M]
C2924	F1H1H102A219	1000pF 50V	[M]
C2925	EEUFC1C101B	100uF 16V	[M]
C2927	F1H1H103A219	0.01uF 50V	[M]
C2929	F1H1H103A219	0.01uF 50V	[M]
C2930	EEUFM1A681B	680uF 10V	[M]
C2939	F1H1H103A219	0.01uF 50V	[M]
C2941	F2A1C221A019	220uF 16V	[M]
C2947	EEUFM1A681B	680uF 10V	[M]
C2948	F1H1H104A013	0.1uF 50V	[M]
C2949	F1H1H104A013	0.1uF 50V	[M]
C2951	F2A1C101A208	100uF 16V	[M]
C2952	F1H1C105A097	1uF 16V	[M]
C2955	F2A1E2210045	220uF 25V	[M]
C2972	D0GBR00JA008	0 1/16W	[M]
C2975	F1H1H104A013	0.1uF 50V	[M]
C3901	EEE0GA331WP	330uF 4V	[M]
C3902	EEE0GA331WP	330uF 4V	[M]
C3904	EEE0GA331WP	330uF 4V	[M]
C3906	EEE0GA331WP	330uF 4V	[M]
C3907	F1G1A1040006	0.1uF 10V	[M]
C3908	F1G1A1040006	0.1uF 10V	[M]
C3909	F1H0J1050013	1uF 6.3V	[M]
C3910	F1G1A1040006	0.1uF 10V	[M]
C3911	F1H0J1050013	1uF 6.3V	[M]
C3913	F1G1A1040006	0.1uF 10V	[M]
C3914	F1G1A1040006	0.1uF 10V	[M]
C3915	F1H0J1050013	1uF 6.3V	[M]
C3916	F1G1A1040006	0.1uF 10V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C3917	F1H0J1050013	1uF 6.3V	[M]
C3918	F1G1A1040006	0.1uF 10V	[M]
C3919	F1H0J1050013	1uF 6.3V	[M]
C3920	F1H0J1050013	1uF 6.3V	[M]
C3921	F1G1A1040006	0.1uF 10V	[M]
C3922	F1G1A1040006	0.1uF 10V	[M]
C3923	F1H0J1050013	1uF 6.3V	[M]
C3924	F1H0J1050013	1uF 6.3V	[M]
C3925	F1G1A1040006	0.1uF 10V	[M]
C3926	F1G1A1040006	0.1uF 10V	[M]
C3927	F1H0J1050013	1uF 6.3V	[M]
C3928	F1G1A1040006	0.1uF 10V	[M]
C3929	F1G1A1040006	0.1uF 10V	[M]
C3930	F1H0J1050013	1uF 6.3V	[M]
C3932	F1H0J1050013	1uF 6.3V	[M]
C3940	F1G1A1040006	0.1uF 10V	[M]
C3941	F1G1H221A444	220pF 50V	[M]
C3954	F1G1C104A083	0.1uF 16V	[M]
C3955	F1G1C1030007	0.01uF 16V	[M]
C3956	F1H0J1050013	1uF 6.3V	[M]
C3964	F1G1A1040006	0.1uF 10V	[M]
C5000	F1H1H102A219	1000pF 50V	[M]
C5001	F1H1H102A219	1000pF 50V	[M]
C5002	F1H1A474A001	0.47uF 10V	[M]
C5003	F1H1A474A001	0.47uF 10V	[M]
C5004	F1H1A474A001	0.47uF 10V	[M]
C5005	F1H1A474A001	0.47uF 10V	[M]
C5006	F1H1H331A013	330pF 50V	[M]
C5007	F1H1H331A013	330pF 50V	[M]
C5008	F1H1H153A219	0.015uF 50V	[M]
C5009	F1H1H153A219	0.015uF 50V	[M]
C5010	F1J2A221A030	220pF 100V	[M]
C5011	F1J2A221A030	220pF 100V	[M]
C5012	F1J2A221A030	220pF 100V	[M]
C5013	F1J2A221A030	220pF 100V	[M]
C5014	F0C1H684A013	0.68uF 50V	[M]
C5015	F0C1H684A013	0.68uF 50V	[M]
C5016	F1H1H104A013	0.1uF 50V	[M]
C5017	F1H1H104A013	0.1uF 50V	[M]
C5018	F1K2A1040007	0.1uF 100V	[M]
C5019	F1H1H104A013	0.1uF 50V	[M]
C5020	F1H1H104A013	0.1uF 50V	[M]
C5021	F1H1H104A013	0.1uF 50V	[M]
C5022	F1H1H104A013	0.1uF 50V	[M]
C5023	F1K2A1040007	0.1uF 100V	[M]
C5024	F1H1H104A013	0.1uF 50V	[M]
C5025	F1H1H104A013	0.1uF 50V	[M]
C5028	F1H1H104A013	0.1uF 50V	[M]
C5030	F1H1H221A792	220pF 50V	[M]
C5031	F1H1C224A068	0.22uF 16V	[M]
C5032	F1H1H102A219	1000pF 50V	[M]
C5033	F1H1H104A013	0.1uF 50V	[M]
C5040	F2A2A2200035	22uF 100V	[M]
C5050	F1H1H104A013	0.1uF 50V	[M]
C5051	F1H1H104A013	0.1uF 50V	[M]
C5052	F1H1H104A013	0.1uF 50V	[M]
C5053	F1H1H104A013	0.1uF 50V	[M]
C5106	F1H1A474A001	0.47uF 10V	[M]
C5107	F1H1A474A001	0.47uF 10V	[M]
C5117	F1H1H102A219	1000pF 50V	[M]
C5119	F1H1H102A219	1000pF 50V	[M]
C5120	F1H1A474A001	0.47uF 10V	[M]
C5121	F1H1A474A001	0.47uF 10V	[M]
C5133	F2A0J101A245	100uF 6.3V	[M]
C5150	F1H1H332A013	3300pF 50V	[M]
C5151	F1H1H332A013	3300pF 50V	[M]
C5152	F1H1H102A219	1000pF 50V	[M]
C5155	F1H1H102A219	1000pF 50V	[M]
C5200	F1H1H104A013	0.1uF 50V	[M]
C5201	F1H1H153A219	0.015uF 50V	[M]
C5202	F1H1C224A068	0.22uF 16V	[M]
C5203	F1J2A221A030	220pF 100V	[M]
C5204	F1H1H153A219	0.015uF 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C5205	F1J2A221A030	220pF 100V	[M]
C5206	F1H1H104A013	0.1uF 50V	[M]
C5207	F1K2A1040007	0.1uF 100V	[M]
C5208	F1H1H104A013	0.1uF 50V	[M]
C5209	F1H1H104A013	0.1uF 50V	[M]
C5211	F1J2A221A030	220pF 100V	[M]
C5212	F1H1H221A792	220pF 50V	[M]
C5213	F1H1H104A013	0.1uF 50V	[M]
C5214	F1H1H104A013	0.1uF 50V	[M]
C5216	F1H1H331A013	330pF 50V	[M]
C5217	F1H1H104A013	0.1uF 50V	[M]
C5218	F1J2A221A030	220pF 100V	[M]
C5219	F1K2A1040007	0.1uF 100V	[M]
C5221	F1H1H102A219	1000pF 50V	[M]
C5222	F1H1A474A001	0.47uF 10V	[M]
C5223	F1H1A474A001	0.47uF 10V	[M]
C5224	F1H1H331A013	330pF 50V	[M]
C5225	F0C1H684A013	0.68uF 50V	[M]
C5226	F1H1H104A013	0.1uF 50V	[M]
C5227	F1H1H104A013	0.1uF 50V	[M]
C5228	F0C1H684A013	0.68uF 50V	[M]
C5231	F1H1H102A219	1000pF 50V	[M]
C5232	F1H1A474A001	0.47uF 10V	[M]
C5233	F1H1A474A001	0.47uF 10V	[M]
C5234	F1H1H102A219	1000pF 50V	[M]
C5240	F2A2A2200035	22uF 100V	[M]
C5250	F1H1H104A013	0.1uF 50V	[M]
C5251	F1H1H104A013	0.1uF 50V	[M]
C5300	F0C1H684A013	0.68uF 50V	[M]
C5301	F1H1H104A013	0.1uF 50V	[M]
C5302	F1H1H104A013	0.1uF 50V	[M]
C5303	F1H1H104A013	0.1uF 50V	[M]
C5304	F1H1H331A013	330pF 50V	[M]
C5306	F1H1H104A013	0.1uF 50V	[M]
C5307	F1J2A221A030	220pF 100V	[M]
C5309	F1H1H104A013	0.1uF 50V	[M]
C5310	F1K2A1040007	0.1uF 100V	[M]
C5311	F1J2A221A030	220pF 100V	[M]
C5312	F1H1H331A013	330pF 50V	[M]
C5313	F1H1H104A013	0.1uF 50V	[M]
C5314	F1H1A474A001	0.47uF 10V	[M]
C5315	F1H1H102A219	1000pF 50V	[M]
C5316	F1H1H104A013	0.1uF 50V	[M]
C5317	F1H1A474A001	0.47uF 10V	[M]
C5318	F1H1H104A013	0.1uF 50V	[M]
C5319	F1K2A1040007	0.1uF 100V	[M]
C5321	F1H1C224A068	0.22uF 16V	[M]
C5322	F1H1H153A219	0.015uF 50V	[M]
C5323	F1H1H221A792	220pF 50V	[M]
C5324	F1H1H153A219	0.015uF 50V	[M]
C5325	F1J2A221A030	220pF 100V	[M]
C5326	F1J2A221A030	220pF 100V	[M]
C5327	F1H1H104A013	0.1uF 50V	[M]
C5328	F0C1H684A013	0.68uF 50V	[M]
C5331	F1H1H102A219	1000pF 50V	[M]
C5332	F1H1A474A001	0.47uF 10V	[M]
C5333	F1H1H102A219	1000pF 50V	[M]
C5334	F1H1A474A001	0.47uF 10V	[M]
C5350	F1H1H104A013	0.1uF 50V	[M]
C5351	F1H1H104A013	0.1uF 50V	[M]
C5400	F0C1H684A013	0.68uF 50V	[M]
C5401	F1H1H104A013	0.1uF 50V	[M]
C5402	F1H1H104A013	0.1uF 50V	[M]
C5403	F1H1H104A013	0.1uF 50V	[M]
C5404	F1H1H331A013	330pF 50V	[M]
C5406	F1H1H104A013	0.1uF 50V	[M]
C5407	F1J2A221A030	220pF 100V	[M]
C5409	F1H1H104A013	0.1uF 50V	[M]
C5410	F1K2A1040007	0.1uF 100V	[M]
C5411	F1J2A221A030	220pF 100V	[M]
C5412	F1H1H331A013	330pF 50V	[M]
C5413	F1H1H104A013	0.1uF 50V	[M]
C5416	F1H1H104A013	0.1uF 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C5418	F1H1H104A013	0.1uF 50V	[M]
C5419	F1K2A1040007	0.1uF 100V	[M]
C5421	F1H1C224A068	0.22uF 16V	[M]
C5422	F1H1H153A219	0.015uF 50V	[M]
C5423	F1H1H221A792	220pF 50V	[M]
C5424	F1H1H153A219	0.015uF 50V	[M]
C5425	F1J2A221A030	220pF 100V	[M]
C5426	F1J2A221A030	220pF 100V	[M]
C5427	F1H1H104A013	0.1uF 50V	[M]
C5428	F0C1H684A013	0.68uF 50V	[M]
C5431	F1H1H102A219	1000pF 50V	[M]
C5440	F2A2A2200035	22uF 100V	[M]
C5445	F1H1H104A013	0.1uF 50V	[M]
C5508	F2A1V4710074	470uF 35V	[M]
C5509	F2A1V4710074	470uF 35V	[M]
C5510	F2A1V4710074	470uF 35V	[M]
C5511	F2A1V4710074	470uF 35V	[M]
C5512	F2A1V4710074	470uF 35V	[M]
C5513	F2A1V4710074	470uF 35V	[M]
C5514	F1H1H104A013	0.1uF 50V	[M]
C5515	F1H1H104A013	0.1uF 50V	[M]
C5516	F2A1V4710074	470uF 35V	[M]
C5517	F2A1V4710074	470uF 35V	[M]
C5518	F1H1H104A013	0.1uF 50V	[M]
C5519	F1H1H104A013	0.1uF 50V	[M]
C5520	F1H1H104A013	0.1uF 50V	[M]
C5521	F1H1H104A013	0.1uF 50V	[M]
C5522	F1H1H104A013	0.1uF 50V	[M]
C5523	F1H1H104A013	0.1uF 50V	[M]
C5524	F1H1H104A013	0.1uF 50V	[M]
C5525	F1H1H104A013	0.1uF 50V	[M]
C5540	F2A2A2200035	22uF 100V	[M]
C5550	F1H1H103A219	0.01uF 50V	[M]
C5551	ECJ1VB1H391K	390pF 50V	[M]
C5552	ECJ1VB1H391K	390pF 50V	[M]
C5553	F1H1H101A230	100pF 50V	[M]
C5554	F1H1H104A013	0.1uF 50V	[M]
C5555	F1K1C1060001	10uF 16V	[M]
C5556	F1H1H103A219	0.01uF 50V	[M]
C5557	F1H1H101A230	100pF 50V	[M]
C5558	F1H1H470A004	47pF 50V	[M]
C5559	F1H1H470A004	47pF 50V	[M]
C5560	F1H1H104A013	0.1uF 50V	[M]
C5561	F1H1H101A230	100pF 50V	[M]
C5562	F2A0J102A016	1000uF 6.3V	[M]
C5601	F2A1C100A234	10uF 16V	[M]
C5602	F2A1C100A234	10uF 16V	[M]
C5690	F1H1H102A219	1000pF 50V	[M]
C5691	F2A1E100A202	10uF 25V	[M]
C5692	F2A0J221A245	220uF 6.3V	[M]
C5693	F1H1H104A013	0.1uF 50V	[M]
C5694	F2A1C330A234	33uF 16V	[M]
C5695	F1H1H104A013	0.1uF 50V	[M]
C5696	ECEA1EKS220B	22uF 25V	[M]
C5697	ECA1HAK010XB	1uF 50V	[M]
C5700	F1BAF1020020	1000pF	[M] △
C5701	F0CAF334A087	0.33uF	[M] △
C5703	F0C2H1040001	0.1uF 500V	[M] △
C5704	F1BAF1020020	1000pF	[M] △
C5705	F1BAF1020020	1000pF	[M] △
C5706	F1BAF1020020	1000pF	[M] △
C5707	F1BAF1020020	1000pF	[M] △
C5711	F2B2G331A084	330uF 400V	[M]
C5712	F2B2G331A084	330uF 400V	[M]
C5713	F0C2J1030005	0.01uF 630V	[M]
C5720	F1H1H104A013	0.1uF 50V	[M]
C5721	ECJ1VB1H221K	220pF 50V	[M]
C5722	F1H1H102A219	1000pF 50V	[M]
C5723	F1H1H471A219	470pF 50V	[M]
C5724	F2A1H5600009	56uF 50V	[M]
C5725	F1H1H104A013	0.1uF 50V	[M]
C5726	F1H1H104A013	0.1uF 50V	[M]
C5728	F1H1H102A219	1000pF 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C5730	ECEA1HKS010B	1uF 50V	[M]
C5737	F1A3A471A035	470pF 1000V	[M]
C5750	F1H1H104A013	0.1uF 50V	[M]
C5788	F1H1H104A013	0.1uF 50V	[M]
C5789	F1H1H104A013	0.1uF 50V	[M]
C5790	F1K2J2220002	2200pF 630V	[M]
C5791	F2A1H2R2A213	2.2uF 50V	[M]
C5793	F1H1H104A013	0.1uF 50V	[M]
C5794	F1H1H220A004	22pF 50V	[M]
C5795	ECJ2VC1H222J	2200pF 50V	[M]
C5796	F1J1H104A717	0.1uF 50V	[M]
C5797	F1A3A470A023	47pF 1000V	[M]
C5798	F2A1H5600009	56uF 50V	[M]
C5799	F2A1H5600009	56uF 50V	[M]
C5800	F1J2E1030004	0.01uF 250V	[M]
C5805	F2B1V222A007	2200uF 35V	[M]
C5808	F2B1V222A007	2200uF 35V	[M]
C5810	F1H1H104A013	0.1uF 50V	[M]
C5812	F1H1H104A013	0.1uF 50V	[M]
C5813	F2A1V4710035	470uF 35V	[M]
C5815	F1H1H104A013	0.1uF 50V	[M]
C5816	F2A1E471A652	470uF 25V	[M]
C5817	F2A2AR22A358	0.22uF 100V	[M]
C5818	F1H1H104A013	0.1uF 50V	[M]
C5819	F1J2E1030004	0.01uF 250V	[M]
C5820	F1J2E1030004	0.01uF 250V	[M]
C5821	F1J2E1030004	0.01uF 250V	[M]
C5822	F1J2E1030004	0.01uF 250V	[M]
C5823	F1H1H104A013	0.1uF 50V	[M]
C5824	F2A1E471A652	470uF 25V	[M]
C5825	F1H1H104A013	0.1uF 50V	[M]
C5826	F1J2E1030004	0.01uF 250V	[M]
C5831	F1H1H104A013	0.1uF 50V	[M]
C5832	F1H1H104A013	0.1uF 50V	[M]
C5869	F1H1H104A013	0.1uF 50V	[M]
C5896	F1H1H104A013	0.1uF 50V	[M]
C5897	F1H1H104A013	0.1uF 50V	[M]
C5898	F1H1H104A013	0.1uF 50V	[M]
C5899	F2A1C221A104	220uF 16V	[M]
C6100	F1J0J106A020	10uF 6.3V	[M]
C6101	F1J0J106A020	10uF 6.3V	[M]
C6102	F1H1H470A004	47pF 50V	[M]
C6103	ECJ1VB1H681K	680pF 50V	[M]
C6104	F1H0J1050013	1uF 6.3V	[M]
C6200	F1J0J106A020	10uF 6.3V	[M]
C6201	F1J0J106A020	10uF 6.3V	[M]
C6202	F1H1H470A004	47pF 50V	[M]
C6203	ECJ1VB1H681K	680pF 50V	[M]
C6204	F1H0J1050013	1uF 6.3V	[M]
C6300	F2A1A470A159	47uF 10V	[M]
C6301	ECEA1EKS4R7B	4.7uF 25V	[M]
C6302	ECEA1EKS4R7B	4.7uF 25V	[M]
C6303	F1H1H104A013	0.1uF 50V	[M]
C6304	F2A1H100A214	10uF 50V	[M]
C6400	F2A1C470A016	47uF 16V	[M]
C6402	F1J0J106A014	10uF 6.3V	[M]
C6403	F1H1H104A013	0.1uF 50V	[M]
C6404	F2A0J470A167	47uF 6.3V	[M]
C6405	F2A1A330A010	33uF 10V	[M]
C6406	F1H1H104A013	0.1uF 50V	[M]
C6407	F1H1H104A013	0.1uF 50V	[M]
C6408	F1H1H104A013	0.1uF 50V	[M]
C6601	F2A1A330A010	33uF 10V	[M]
C6901	F1H1H104A013	0.1uF 50V	[M]
C6902	F1H1H101A720	100pF 50V	[M]
C6903	F2A1H100A214	10uF 50V	[M]
C6905	F2A1H100A214	10uF 50V	[M]
C6906	F1H1H101A720	100pF 50V	[M]
C6907	F1H1H101A720	100pF 50V	[M]
C6909	F1H1H103A219	0.01uF 50V	[M]
C6910	ECEA0JKS101B	100uF 6.3V	[M]
C6911	F1H1H103A219	0.01uF 50V	[M]
C6913	ECEA1HKS3R3B	3.3uF 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C6916	F1H1H101A720	100pF 50V	[M]
C6917	F1H1H101A720	100pF 50V	[M]
C6918	F1K1C106A062	10uF 16V	[M]
C6919	F1H1H101A720	100pF 50V	[M]
C6922	F1H1H103A219	0.01uF 50V	[M]
C6925	F1H1H103A219	0.01uF 50V	[M]
C6931	F1H1H103A219	0.01uF 50V	[M]
C6932	F1H1H104A013	0.1uF 50V	[M]
C6941	F1H1H473A783	0.047uF 50V	[M]
C6951	F1H1H473A783	0.047uF 50V	[M]
C8001	EEE0GA331WP	330uF 4V	[M]
C8002	F2G0J330A031	33uF 6.3V	[M]
C8003	F1G1C104A083	0.1uF 16V	[M]
C8004	F1G1C104A083	0.1uF 16V	[M]
C8005	F1G1C104A083	0.1uF 16V	[M]
C8006	F1G1C104A083	0.1uF 16V	[M]
C8007	F1G1C104A083	0.1uF 16V	[M]
C8010	F1G1H221A444	220pF 50V	[M]
C8011	F2G0J101A031	100uF 6.3V	[M]
C8012	F1G1C104A083	0.1uF 16V	[M]
C8013	F1G1C104A083	0.1uF 16V	[M]
C8014	F1G1C104A083	0.1uF 16V	[M]
C8015	F1G1C104A083	0.1uF 16V	[M]
C8016	F1G1C104A083	0.1uF 16V	[M]
C8018	F1G1C104A083	0.1uF 16V	[M]
C8020	F1G1C104A083	0.1uF 16V	[M]
C8021	F1G1C104A083	0.1uF 16V	[M]
C8022	F1G1C104A083	0.1uF 16V	[M]
C8023	F1G1C104A083	0.1uF 16V	[M]
C8026	F1G1C104A083	0.1uF 16V	[M]
C8051	F1H0J1050013	1uF 6.3V	[M]
C8052	F1G1A1040006	0.1uF 10V	[M]
C8053	F1G1C104A083	0.1uF 16V	[M]
C8054	F1G1H221A444	220pF 50V	[M]
C8055	F1H0J1050013	1uF 6.3V	[M]
C8056	F1G1E2220001	2200pF 25V	[M]
C8057	F1H0J1050013	1uF 6.3V	[M]
C8111	F1G1A1040006	0.1uF 10V	[M]
C8112	F1H0J1050013	1uF 6.3V	[M]
C8113	F1G1E4710001	470pF 25V	[M]
C8151	F1H0J4750005	4.7uF 6.3V	[M]
C8152	F1H1C105A097	1uF 16V	[M]
C8201	F2G0J101A031	100uF 6.3V	[M]
C8202	F1G1A1040006	0.1uF 10V	[M]
C8203	F1G1A1040006	0.1uF 10V	[M]
C8211	F1G1E1220001	1200pF 25V	[M]
C8221	F1G1E1020001	1000pF 25V	[M]
C8222	F1G1E8210002	820pF 25V	[M]
C8225	F1G1E1020001	1000pF 25V	[M]
C8226	F1G1E1020001	1000pF 25V	[M]
C8231	F1G1A1040006	0.1uF 10V	[M]
C8232	F1G1A1040006	0.1uF 10V	[M]
C8251	F2G0J221A031	220uF 6.3V	[M]
C8252	F1G1C104A083	0.1uF 16V	[M]
C8253	F1G1C104A083	0.1uF 16V	[M]
C8255	F2G1C220A037	22uF 16V	[M]
C8256	F1G1C104A083	0.1uF 16V	[M]
C8257	F2G1C470A076	47uF 16V	[M]
C8258	F1G1C104A083	0.1uF 16V	[M]
C8261	F1G1C104A083	0.1uF 16V	[M]
C8262	F1G1C104A083	0.1uF 16V	[M]
C8301	F2G0J221A031	220uF 6.3V	[M]
C8302	F2G0J330A031	33uF 6.3V	[M]
C8303	F1G1A1040006	0.1uF 10V	[M]
C8304	F1G1A1040006	0.1uF 10V	[M]
C8305	F1G1A1040006	0.1uF 10V	[M]
C8306	F1G1A1040006	0.1uF 10V	[M]
C8311	F1G1A1040006	0.1uF 10V	[M]
C8312	F1H0J1050013	1uF 6.3V	[M]
C8313	F1H0J1050013	1uF 6.3V	[M]
C8320	F1G1C104A083	0.1uF 16V	[M]
C8321	F1G1A1040006	0.1uF 10V	[M]
C8325	F1G1A1040006	0.1uF 10V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C8330	F2G0J470A031	47uF 6.3V	[M]
C8331	F1G1A1040006	0.1uF 10V	[M]
C8335	F1G1A1040006	0.1uF 10V	[M]
C8340	F1G1C104A083	0.1uF 16V	[M]
C8341	F1G1A1040006	0.1uF 10V	[M]
C8401	F1G1H150A565	15pF 50V	[M]
C8421	F2G0J221A031	220uF 6.3V	[M]
C8422	F1G1C104A083	0.1uF 16V	[M]
C8423	F2G0J330A031	33uF 6.3V	[M]
C8424	F1G1C104A083	0.1uF 16V	[M]
C8425	F1G1H150A565	15pF 50V	[M]
C8426	F1G1C104A083	0.1uF 16V	[M]
C8428	F1G1C104A083	0.1uF 16V	[M]
C8429	F1G1C104A083	0.1uF 16V	[M]
C8431	F2G1C100A072	10uF 16V	[M]
C8432	F2G1C100A072	10uF 16V	[M]
C8433	F2G1C100A072	10uF 16V	[M]
C8501	F2G0J101A031	100uF 6.3V	[M]
C8502	F1G1C104A083	0.1uF 16V	[M]
C8503	F1G1C104A083	0.1uF 16V	[M]
C8504	F1G1C104A083	0.1uF 16V	[M]
C8505	F1G1C104A083	0.1uF 16V	[M]
C8506	F1G1C104A083	0.1uF 16V	[M]
C8511	F1H0J1050013	1uF 6.3V	[M]
C8512	F1H0J1050013	1uF 6.3V	[M]
C8513	F1G1A1040006	0.1uF 10V	[M]
C8514	F1G1A1040006	0.1uF 10V	[M]
C8515	F1G1A1040006	0.1uF 10V	[M]
C8516	F1G1A1040006	0.1uF 10V	[M]
C8521	F1G1A1040006	0.1uF 10V	[M]
C8522	F1G1A1040006	0.1uF 10V	[M]
C8523	F1G1C104A083	0.1uF 16V	[M]
C8524	F1G1C104A083	0.1uF 16V	[M]
C8525	F1G1C562A039	5600pF 16V	[M]
C8526	F1G1C183A039	0.018uF 16V	[M]
C8527	F1G1A333A013	0.033uF 10V	[M]
C8528	F1H0J1050013	1uF 6.3V	[M]
C8529	F1H0J1050013	1uF 6.3V	[M]
C8530	F1G1C104A083	0.1uF 16V	[M]
C8531	F1G1H101A566	100pF 50V	[M]
C8532	F1G1H221A444	220pF 50V	[M]
C8533	F1G1C104A083	0.1uF 16V	[M]
C8541	F1G1E4720002	4700pF 25V	[M]
C8550	F2G0J330A031	33uF 6.3V	[M]
C8551	F1G1C104A083	0.1uF 16V	[M]
C8552	F2G1C100A072	10uF 16V	[M]
C8553	F2G0J470A031	47uF 6.3V	[M]
C8554	F1H0J1050013	1uF 6.3V	[M]
C8561	F1G1C104A083	0.1uF 16V	[M]
C8562	F2G1C100A072	10uF 16V	[M]
C8563	F2G0J470A031	47uF 6.3V	[M]
C8564	F1H0J1050013	1uF 6.3V	[M]
C8571	F1J1A106A043	10uF 10V	[M]
C8572	F1G1C104A083	0.1uF 16V	[M]
C8601	F1G1C104A083	0.1uF 16V	[M]
C8602	F1G1C153A039	0.015uF 16V	[M]
C8606	F1G1C104A083	0.1uF 16V	[M]
C8611	F1G1C104A083	0.1uF 16V	[M]
C8621	F1G1H100A565	10pF 50V	[M]
C8622	F1G1H100A565	10pF 50V	[M]
C8651	F1G1C104A083	0.1uF 16V	[M]
C8652	F1G1C104A083	0.1uF 16V	[M]
C8691	F1G1C104A083	0.1uF 16V	[M]
C8695	F1G1C104A083	0.1uF 16V	[M]
C8701	F1G1A1040006	0.1uF 10V	[M]
C8901	F1G1C104A083	0.1uF 16V	[M]
C9002	F1G1C104A083	0.1uF 16V	[M]
C9003	F1G1C104A083	0.1uF 16V	[M]
FL8101	F1H0J1050018	1uF 6.3V	[M]
FL8102	F1H0J1050018	1uF 6.3V	[M]
FL8103	F1H0J1050018	1uF 6.3V	[M]
FL8104	F1J1E1040022	0.1uF 25V	[M]
FL8421	F1H0J1050018	1uF 6.3V	[M]