

Pioneer

Service Manual



SC-95

ORDER NO.
RRV4615

AV RECEIVER

SC-95

SC-LX59-K

SC-LX59-S

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Remarks
SC-95	CUXJ	AC 120 V	
SC-LX59-K	SYXJ8	AC 220 V to 230 V	
SC-LX59-S	SYXJ8	AC 220 V to 230 V	

THIS SERVICE MANUAL SHOULD BE USED TOGETHER WITH THE FOLLOWING MANUAL(S).

Model No.	Order No.	Remarks
SC-95, SC-LX59-K, SC-LX59-S	RRVXXXX	SCHEMATIC DIAGRAM, PCB CONNECTION DIAGRAM, PCB PARTS LIST



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SAFETY INFORMATION



This service manual is intended for qualified service technicians ; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.

Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING

This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 - Proposition 65

NOTICE

(FOR CANADIAN MODEL ONLY)

Fuse symbols (fast operating fuse) and/or (slow operating fuse) on PCB indicate that replacement parts must be of identical designation.

REMARQUE

(POUR MODÈLE CANADIEN SEULEMENT)

Les symboles de fusible (fusible de type rapide) et/ou (fusible de type lent) sur CCI indiquent que les pièces de remplacement doivent avoir la même désignation.

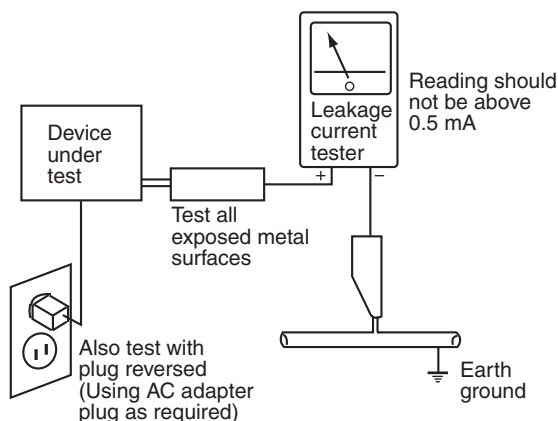
(FOR USA MODEL ONLY)

1. SAFETY PRECAUTIONS

The following check should be performed for the continued protection of the customer and service technician.

LEAKAGE CURRENT CHECK

Measure leakage current to a known earth ground (water pipe, conduit, etc.) by connecting a leakage current tester such as Simpson Model 229-2 or equivalent between the earth ground and all exposed metal parts of the appliance (input/output terminals, screwheads, metal overlays, control shaft, etc.). Plug the AC line cord of the appliance directly into a 120V AC 60 Hz outlet and turn the AC power switch on. Any current measured must not exceed 0.5 mA.



AC Leakage Test

ANY MEASUREMENTS NOT WITHIN THE LIMITS OUTLINED ABOVE ARE INDICATIVE OF A POTENTIAL SHOCK HAZARD AND MUST BE CORRECTED BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

2. PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in the appliance have special safety related characteristics. These are often not evident from visual inspection nor the protection afforded by them necessarily can be obtained by using replacement components rated for voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this Service Manual.

Electrical components having such features are identified by marking with a on the schematics and on the parts list in this Service Manual.

The use of a substitute replacement component which does not have the same safety characteristics as the PIONEER recommended replacement one, shown in the parts list in this Service Manual, may create shock, fire, or other hazards.

Product Safety is continuously under review and new instructions are issued from time to time. For the latest information, always consult the current PIONEER Service Manual. A subscription to, or additional copies of, PIONEER Service Manual may be obtained at a nominal charge from PIONEER.

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1. SERVICE PRECAUTIONS

1.1 NOTES ON SOLDERING

- For environmental protection, lead-free solder is used on the printed circuit boards mounted in this unit.
Be sure to use lead-free solder and a soldering iron that can meet specifications for use with lead-free solders for repairs accompanied by reworking of soldering.
Do NOT use a soldering iron whose tip temperature cannot be controlled.

1.2 NOTES ON REPLACING

- The part listed below is difficult to replace as a discrete component part.
When the part listed in the table is defective, replace whole Assy.

ASSY NAME	PCB ASSY Part No.	Ref No.	FUNCTION	Part No.	Remarks	
DIGITAL MAIN ASSY	AWX2009	IC451	3CH SW POWER SUPPLY IC	TPS65251RHA-TLB	IC with heat-pad	
		IC1204	VIDEO PROCESSOR IC	88DE2750-K	IC BGA type	
		IC1212	DDR IC	K4T51163QJ-BCE7-K		
		IC1602	HDMI INTERFACE IC	MN864787-K	IC with heat-pad	
		IC1609	HDMI INTERFACE IC	MN864788-K		
		IC9002	DSP IC	CS49844A-K		
		IC9206	APPLE AUTHENTICATION IC	H337S3959-TBB	IC with heat-pad	
		IC9403	POWER SUPPLY IC	MM3543BH-TBB		
		IC9514		MIC94325YMT-TBB		
		IC9515				
		IC9523				
		IC9602	HDMI SW IC	SII9589CTUC-3-K		
		IC9703	DSP IC	D808K013DPTP456-K		
		JA1601	HDMI Connector	AKP7268-A-K	JACK with Cu-through-hole & SMD type	
		JA1602				
		JA1603				
		JA9202	LAN Connector	AKN7115-A	JACK with Cu-through-hole & 10 pin	
		JA9601	HDMI Connector	AKP7268-A-K	JACK with Cu-through-hole & SMD type	
		JA9602				
		JA9603				
		JA9604				
		JA9605				
		JA9606				
		JA9607				
		JA9620				
D AMP_SS ASSY (SC-95) D AMP_S ASSY (SC-LX59)	AWH7114 (SC-95)	Q4101	FET	IRF6775MPBFS1-TRB	Pins are under the parts side.	
		Q4102				
		Q4201				
		Q4202				
		Q4301				
		Q4302				
	AWH7112 (SC-LX59)	Q4401				
		Q4402				
		Q4501				
		Q4502				
		Q4601				
		Q4602				
		Q4701				
		Q4702				
		Q4801				
		Q4802				
		Q4901				
		Q4902				
DISPLAY ASSY	AWX2022	IC6001	FLASH BLANK UC IC	R5F100MHAFA-K	Software is not written.	

1.3 CAUTION

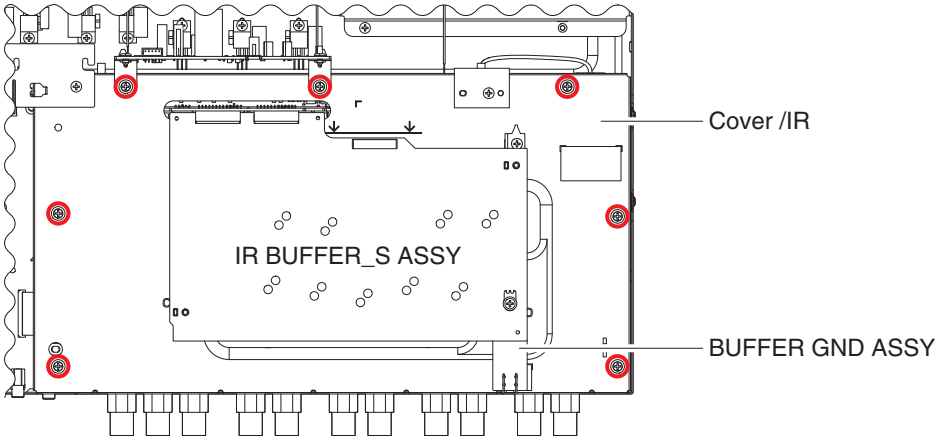
- Discharging**
Before starting the diagnosis, wait for three minutes until the electricity of the unit is discharged.
- Ground Points**
Please refer to "Ground Points".

1.4 NOTES ON ASSEMBLING

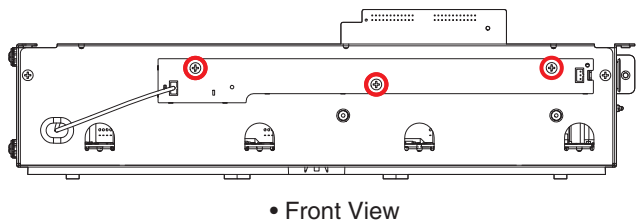
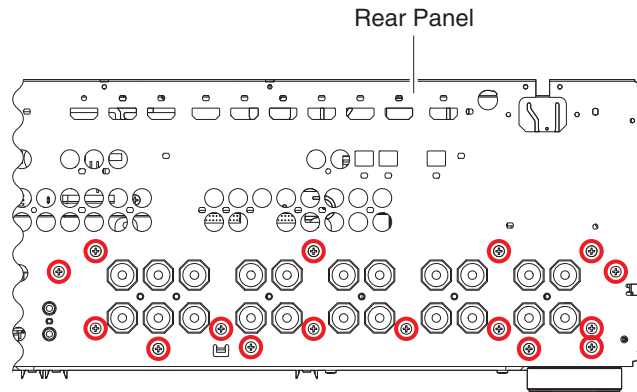
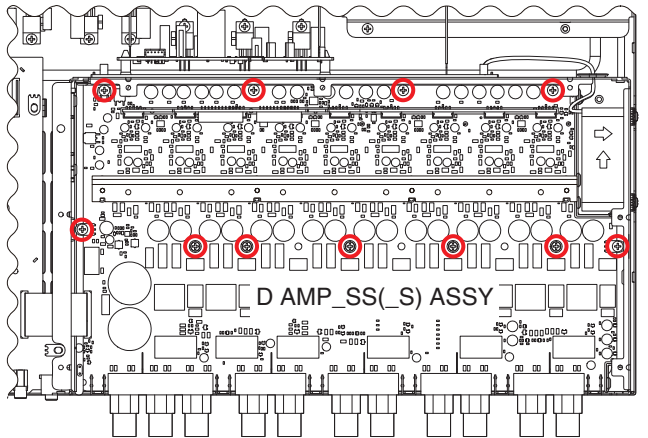
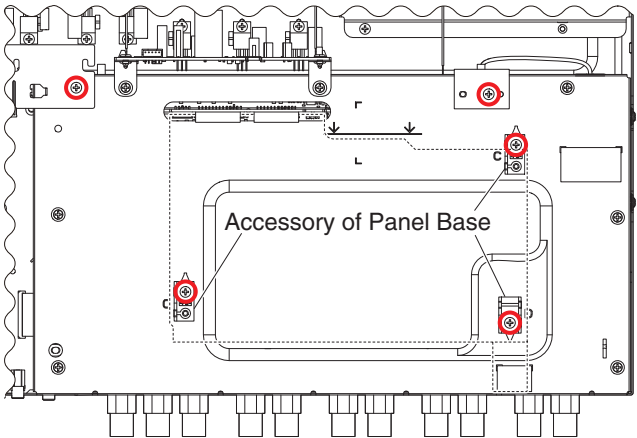
Note : The right and left positions for the attachment positioning of digital amplifier block are gradual, however, adjust the front and back positions correctly. For the positioning procedure, refer to "7. DISASSEMBLY".

When assembling the digital amplifier block, please note the following points of screws to prevent from short-circuit.

The following 7 points of screws must always be used AMZ30P060FTC



Points to be watched for swarf



If a screw at any of these points needs to be removed for service, be sure to check that the swarf is not on the screw before refastening.

2. SPECIFICATIONS

2.1 SC-95 SPECIFICATIONS

A Amplifier section

Continuous average power output*

8 Ω 135 W** per channel

6 Ω 175 W*** per channel

* Measured pursuant to the Federal Trade Commission's Trade Regulation rule on Power Output Claims for Amplifiers

** 1 kHz with no more than 0.08 %**** total harmonic distortion

*** 1 kHz with no more than 1 %**** total harmonic distortion

**** Measured by Audio Spectrum Analyzer

Multi channel simultaneous power output (1 kHz, 1 %, 8 Ω)

9 ch total..... 760 W

Continuous Power Output (1 kHz, 8 Ω , 0.08 %)

Front 135 W + 135 W

Center..... 135 W

Surround 135 W + 135 W

Surround back 135 W + 135 W

Top middle/Extra 1..... 135 W + 135 W

Continuous Power Output (1 kHz, 6 Ω , 1.0 %)

Front 175 W + 175 W

Center..... 175 W

Surround 175 W + 175 W

Surround back 175 W + 175 W

Top middle/Extra 1..... 175 W + 175 W

Continuous Power Output (1 kHz, 4 Ω , 1.0 %)

Front 220 W + 220 W

Center..... 220 W

Surround 220 W + 220 W

Surround back 220 W + 220 W

Top middle/Extra 1..... 220 W + 220 W

Total harmonic distortion 0.04 % (1 kHz, 110 W + 110 W, 8 Ω)

Guaranteed speaker impedance 4 Ω to 16 Ω

Audio Section

Input (Sensitivity/Impedance)

LINE 390 mV/47 k Ω

Output (Level/Impedance)

REC 390 mV/2.2 k Ω

Signal-to-Noise Ratio (IHF, short circuited, A network)

LINE 101 dB

Tuner Section

Frequency Range (FM) 87.5 MHz to 108 MHz

Antenna Input (FM) 75 Ω unbalanced

Frequency Range (AM) 530 kHz to 1 700 kHz

Antenna (AM)..... Loop antenna (balanced)

Video Section

Signal level

Composite Video 1 Vp-p (75 Ω)

Component Video..... Y: 1.0 Vp-p (75 Ω), PB/PR: 0.7 Vp-p (75 Ω)

Corresponding maximum resolution

Component Video 1080i (1125i)

Bluetooth Section

Version Bluetooth Specification Ver. 2.1 + EDR

Output..... Bluetooth Specification Class 2

Estimated line-of-sight transmission distance* About 10 m

*The line-of-sight transmission distance is an estimate. Actual transmission distances supported may differ depending on surrounding conditions.

Frequency range..... 2.4 GHz

Supported Bluetooth profiles A2DP, AVRCP

Supported Codec SBC (Subband Codec), AAC

Digital In/Out Section

HDMI terminal 19-pin (Not DVI)

HDMI output type 5 V, 55 mA

HDMI input/MHL terminal 5 V, 900 mA

USB terminal..... USB2.0 High Speed (Type A) 5 V, 1 A

iPod terminal..... USB

Integrated Control Section

Control (IR) terminal	ø 3.5 Mini-jack (MONO)
IR signal	High Active (High Level: 2.0 V)
12 V Trigger terminal	ø 3.5 Mini-jack (MONO)
12 V Trigger output type	12 V, Total 150 mA
RS-232C cable type	9-pin, cross type, female-female

Network Section (Wired)

LAN terminal	10 BASE-T/100 BASE-TX
--------------------	-----------------------

Network Section (Wireless)

WLAN standards	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Frequency band	
2.4 GHz band (2.412GHz to 2.462GHz)	Channel 1 to Channel 11
5 GHz band (5.180GHz to 5.240GHz, 5.745GHz to 5.825GHz)	Channel 36 to Channel 48, Channel 149 to Channel 165
Security	Disabled (no encryption)
	WEP (Key length: 64 bit/128 bit, Key format: ASCII/Hex)
	WPA2 Mixed (WPA/WPA2, Encryption method: TKIP/AES, Recognition method: PSK)

Miscellaneous

Power requirements	AC 120 V, 60 Hz
Power consumption	330 W
In standby	0.1 W
In standby (HDMI control on)	0.3 W
In standby (Network standby on)	2.7 W
In standby (Network standby on, wireless LAN connected)	3.0 W
In standby (HDMI control on, Network standby on)	2.7 W
In standby (HDMI control on, Network standby on, wireless LAN connected)	3.0 W
Auto power down	15 min, 30 min, 60 min, off (default)
Dimensions	435 mm (W) x 185 mm (H) x 441 mm (D) (17.13 in. (W) x 7.28 in. (H) x 17.36 in. (D))
Weight (without package)	15.1 kg (33.3 lb)

Number of Furnished Parts

MCACC Setup microphone	1
Remote control unit	1
AAA size IEC R03 dry cell batteries	2
AM loop antenna	1
FM wire antenna	1
Power cord	
CD-ROM	
Quick start guide	
Safety Brochure	
Warranty sheet	



Notes

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2.2 SC-LX59 SPECIFICATIONS

A	Amplifier section	
	Multi channel simultaneous power output (1 kHz, 1 %, 8 Ω)	
	9 ch total.....	760 W
	Rated power output (1 kHz, 4 Ω, 1 %, 1 ch Driven).....	240 W per channel
	Rated power output (1 kHz, 6 Ω, 1 %, 1 ch Driven).....	190 W per channel
	For Oceania model: Maximum power output (1 kHz, 4 Ω, 10 %, 1 ch Driven)	320 W per channel
	Total harmonic distortion	0.04 % (1 kHz, 110 W + 110 W, 8 Ω)
■	Audio Section	
	Input (Sensitivity/Impedance)	
	LINE	390 mV/47 kΩ
	Output (Level/Impedance)	
	REC.....	390 mV/2.2 kΩ
	Signal-to-Noise Ratio (IHF, short circuited, A network)	
	LINE.....	101 dB
B	Tuner Section	
	Frequency Range (FM).....	87.5 MHz to 108 MHz
	Antenna Input (FM).....	75 Ω unbalanced
	Frequency Range (AM)	531 kHz to 1 602 kHz
	Antenna (AM).....	Loop antenna (balanced)
■	Video Section	
	Signal level	
	Composite Video.....	1 Vp-p (75 Ω)
	Component Video.....	Y: 1.0 Vp-p (75 Ω), PB/PR: 0.7 Vp-p (75 Ω)
	Corresponding maximum resolution	
C	Component Video.....	1080i (1125i)
	Bluetooth Section	
	Version.....	Bluetooth Specification Ver. 2.1 + EDR
	Output.....	Bluetooth Specification Class 2
	Estimated line-of-sight transmission distance*	About 10 m
■	*The line-of-sight transmission distance is an estimate. Actual transmission distances supported may differ depending on surrounding conditions.	
	Frequency range	2.4 GHz
	Supported Bluetooth profiles	A2DP, AVRCP
	Supported Codec.....	SBC (Subband Codec), AAC
	Digital In/Out Section	
D	HDMI terminal	19-pin (Not DVI)
	HDMI output type.....	5 V, 55 mA
	HDMI input/MHL terminal	5 V, 900 mA
	USB terminal.....	USB2.0 High Speed (Type A) 5 V, 1 A
	iPod terminal	USB
■	Integrated Control Section	
	Control (IR) terminal.....	ø 3.5 Mini-jack (MONO)
	IR signal	High Active (High Level: 2.0 V)
	12 V Trigger terminal.....	ø 3.5 Mini-jack (MONO)
	12 V Trigger output type	12 V, Total 150 mA
■	Network Section (Wired)	
	LAN terminal	10 BASE-T/100 BASE-TX
	Network Section (Wireless)	
	WLAN standards	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
	Frequency band	
E	2.4 GHz band (2.412 GHz to 2.472 GHz).....	Channel 1 to Channel 13
	5 GHz band (5.180 GHz to 5.240 GHz)	Channel 36 to Channel 48
	Security.....	Disabled (no encryption)
	WEP (Key length: 64 bit/128 bit, Key format: ASCII/Hex)	
	WPA2 Mixed (WPA/WPA2, Encryption method: TKIP/AES, Recognition method: PSK)	

■

F

Miscellaneous

Power requirements	AC 220 V to 230 V, 50 Hz/60 Hz
Power consumption	330 W
In standby	0.1 W
In standby (HDMI control on)	0.3 W
In standby (Network standby on)	2.7 W
In standby (Network standby on, wireless LAN connected)	3.0 W
In standby (HDMI control on, Network standby on)	2.7 W
In standby (HDMI control on, Network standby on, wireless LAN connected)	3.0 W
Auto power down	15 min (default), 30 min, 60 min, off
Dimensions	435 mm (W) x 185 mm (H) x 441 mm (D)
Weight (without package)	15.3 kg

Number of Furnished Parts

MCACC Setup microphone	1
Remote control unit	1
AAA size IEC R03 dry cell batteries	2
AM loop antenna	1
FM wire antenna	1
Power cord	
CD-ROM	
Quick start guide	
Safety Brochure	
Warranty sheet	



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3. BASIC ITEMS FOR SERVICE

3.1 CHECK POINTS AFTER SERVICING

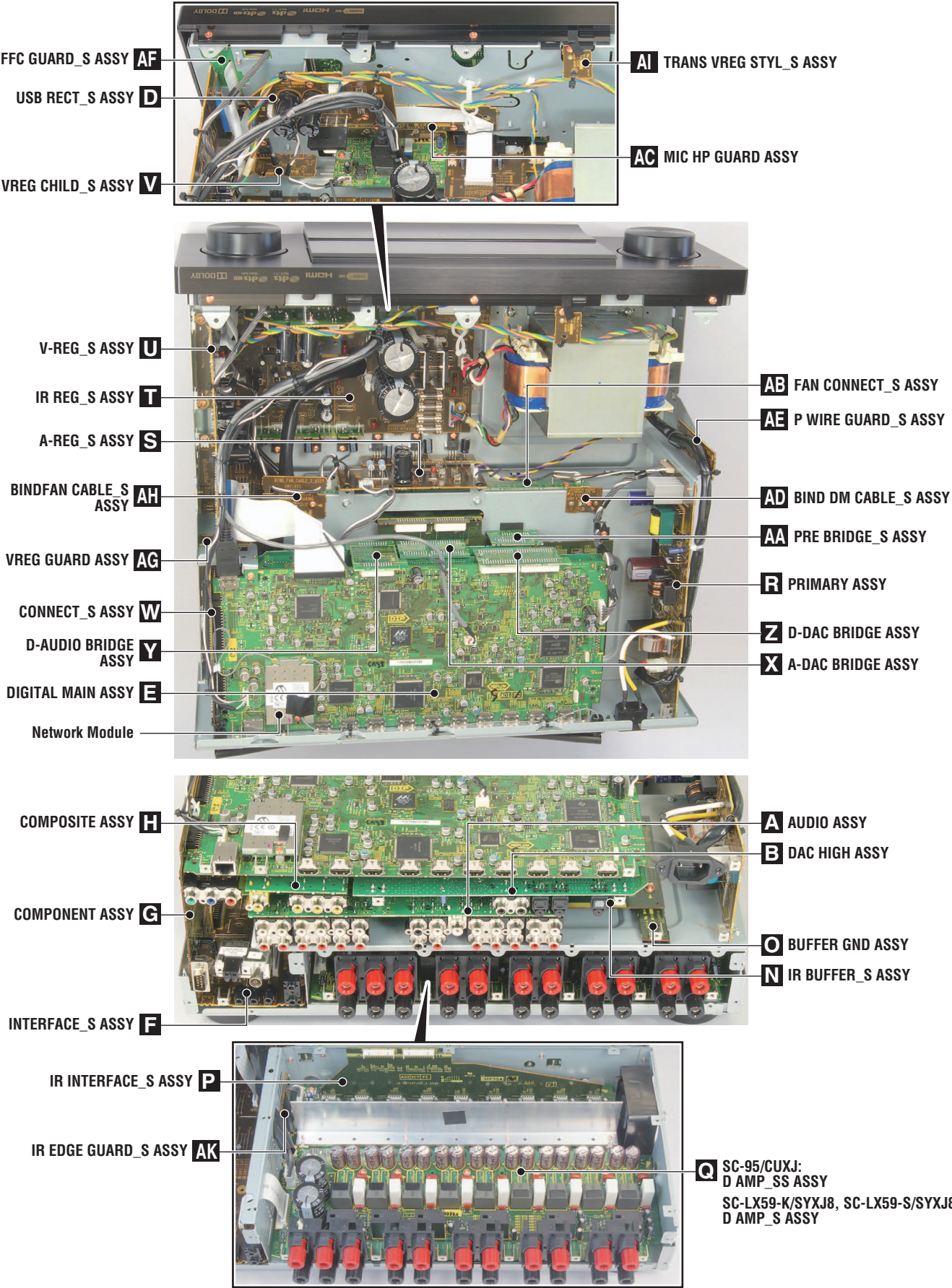
Items to be checked after servicing

To keep the product quality after servicing, confirm recommended check points shown below.

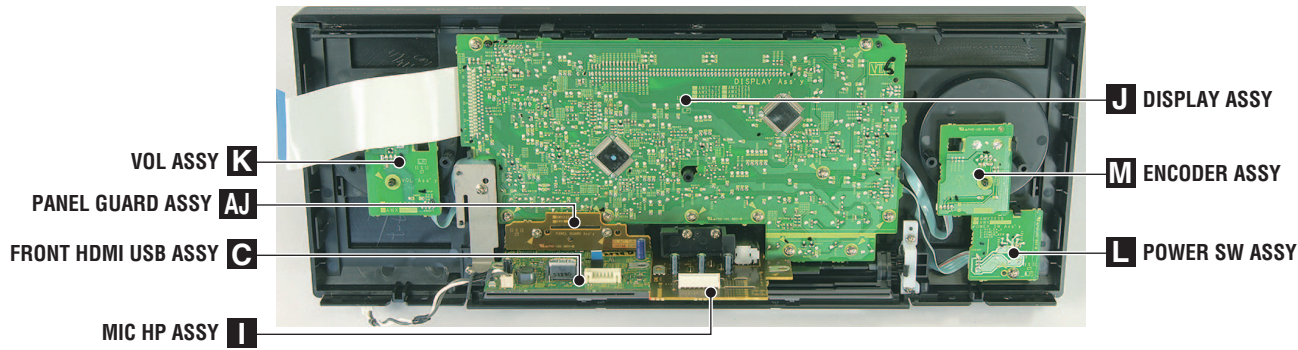
No.	Procedures	Check points
1	Check the firmware version.	The firmware version must be the latest one. If it is not the latest one, be sure to update it.
2	Confirm whether the customer complain has been solved. If the customer complain occurs with the particular source, such as Dolby Digital, DTS, AAC and HDMI, input it for the operation check.	The customer complain must not be reappeared. Video, Audio and operations must be normal.
3	Check the analog audio playback. (Make the analog connections with a CD/DVD/BD player.)	Each channel audio and operations must be normal.
4	Check the HDMI digital audio playback. (Make the digital connections with a BD player.)	Each channel audio and operations must be normal.
5	Check a supported music file playback (e.g. wav, flac, mp3, etc). (Make the connections with a USB memory or an iOS device)	Audio and operations including OSD output must be normal.
6	Check the surround playback. (Select Surround mode and check the multichannel operations via the DSP circuit.)	Each channel audio and operations must be normal.
7	Check the video outputs. (Connect with a BD player.)	Video and operations must be normal.
8	Check the tuner (AM and FM) operations.	Audio and operations must be normal.
9	Check the sound from headphone output.	Sound must be normal, without noise.
10	Check the appearance of the product.	No scratches or dirt on its appearance after receiving it for service.

See the table below for the items to be checked regarding video and audio.

Item to be checked regarding video	Item to be checked regarding audio
Block noise	Distortion
Horizontal noise	Noise
Flicker	Volume too low
Disturbed image (video jumpiness)	Volume too high
Too dark	Volume fluctuating
Too bright	Sound interrupted
Mottled color	



A



NOTES: ● Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.
 ● The Δ mark found on some component parts indicates the importance of the safety factor of the part.
 Therefore, when replacing, be sure to use parts of identical designation.

B

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
LIST OF ASSEMBLIES							
		1...D AMP_SS ASSY (SC-95)	AWH7114				
		1...D AMP_S ASSY (SC-LX59)	AWH7112				
NSP		1...AUDIO COMPOSITE_H ASSY (SC-95)	AWR7283	NSP		1...INTERFACE REG_S ASSY (SC-95)	AWR7302
		2..AUDIO ASSY	AWX2071			2..INTERFACE_S ASSY	AWX2135
		2..COMPOSITE ASSY	AWX2195			2..IR REG_S ASSY	AWX2139
		2..D-AUDIO BRIDGE ASSY	AWX2196			2..CONNECT_S ASSY	AWX2144
		2..D-DAC BRIDGE ASSY	AWX2197	NSP		2..TRANS VREG STYL_S ASSY	AWX1890
		2..A-DAC BRIDGE ASSY	AWX2198				
		2..FAN CONNECT_S ASSY	AWX2199				
		2..PRE BRIDGE_S ASSY	AWX2200				
NSP		1...AUDIO COMPOSITE_H ASSY (SC-LX59)	AWR7284	NSP		1...INTERFACE REG_S ASSY (SC-LX59)	AWR7303
		2..AUDIO ASSY	AWX2072			2..INTERFACE_S ASSY	AWX2136
		2..COMPOSITE ASSY	AWX2195			2..IR REG_S ASSY	AWX2140
		2..D-AUDIO BRIDGE ASSY	AWX2196			2..CONNECT_S ASSY	AWX2145
		2..D-DAC BRIDGE ASSY	AWX2197	NSP		2..TRANS VREG STYL_S ASSY	AWX1890
		2..A-DAC BRIDGE ASSY	AWX2198				
		2..FAN CONNECT_S ASSY	AWX2199	NSP		1...PRE POWER_S ASSY (SC-95)	AWR7312
		2..PRE BRIDGE_S ASSY	AWX2200			2..A-REG_S ASSY	AWX2168
NSP		1...PRIM DISPLAY ASSY (SC-95)	AWM8410			2..V-REG_S ASSY	AWX2172
		2..DISPLAY ASSY	AWX2022			2..VREG CHILD_S ASSY	AWX2176
		2..VOL ASSY	AWX2029			2..USB RECT_S ASSY	AWX2177
		2..POWER SW ASSY	AWX2030			2..BIND DM CABLE_S ASSY	AWX1863
		2..PRIMARY ASSY	AWX2031			2..P WIRE GUARD_S ASSY	AWX1864
		2..ENCODER ASSY	AWX2051	NSP		2..FFC GUARD_S ASSY	AWX1862
		2..MIC HP ASSY	AWX2044	NSP		2..BINDFAN CABLE_S ASSY	AWX1865
		2..MIC HP GUARD ASSY	AWX2052				
NSP		2..VREG GUARD ASSY	AWX2053	NSP		1...PRE POWER_S ASSY (SC-LX59)	AWR7313
NSP		2..PANEL GUARD ASSY	AWX2054			2..A-REG_S ASSY	AWX2169
NSP		1...PRIM DISPLAY ASSY (SC-LX59)	AWM8411			2..V-REG_S ASSY	AWX2173
		2..DISPLAY ASSY	AWX2023			2..VREG CHILD_S ASSY	AWX2176
		2..VOL ASSY	AWX2029			2..USB RECT_S ASSY	AWX2178
		2..POWER SW ASSY	AWX2030			2..BIND DM CABLE_S ASSY	AWX1863
		2..PRIMARY ASSY	AWX2032			2..P WIRE GUARD_S ASSY	AWX1864
		2..ENCODER ASSY	AWX2051	NSP		2..FFC GUARD_S ASSY	AWX1862
		2..MIC HP ASSY	AWX2045	NSP		2..BINDFAN CABLE_S ASSY	AWX1865
		2..MIC HP GUARD ASSY	AWX2052				
NSP		2..VREG GUARD ASSY	AWX2053			1...IR INTERFACE_S ASSY	AWX1777
NSP		2..PANEL GUARD ASSY	AWX2054			2..IR INTERFACE_S ASSY	AWX1777
NSP		1...IR BUFFER ASSY (SC-95)	AWM8427	NSP		2..IR EDGE GUARD_S ASSY	AWX1779
		2..IR BUFFER_S ASSY	AWX2097				
		2..BUFFER GND ASSY	AWX1789			1...DAC HIGH ASSY (SC-95)	AWX2059
						1...DAC HIGH ASSY (SC-LX59)	AWX2060
						1...COMPONENT ASSY (SC-95)	AWX2101
						1...COMPONENT ASSY (SC-LX59)	AWX2102
						1...DIGITAL MAIN ASSY (SC-95)	AWX2009
						2..NETWORK MODULE	AXX7293
						1...DIGITAL MAIN ASSY (SC-LX59)	AWX2010
						2..NETWORK MODULE	AXX7293
F		1...IR BUFFER ASSY (SC-LX59)	AWM8428			1...FRONT HDMI USB ASSY (SC-95)	AWX2111
		2..IR BUFFER_S ASSY	AWX2098			1...FRONT HDMI USB ASSY (SC-LX59)	AWX2112
		2..BUFFER GND ASSY	AWX1789				

3.3 JIGS LIST

[1] Jigs List

Name	Jig No.	Remarks
15P FFC extension jig cable	GGD1680	Diagnosis for AUDIO ASSY, D AMP_SS(_S) ASSY
29P board to board extension jig cable	GGD1856	Diagnosis for AUDIO ASSY, D AMP_SS(_S) ASSY, DIGITAL MAIN ASSY(side-B), DAC HIGH ASSY
5P board to board extension jig cable	GGD1857	Diagnosis for AUDIO ASSY, D AMP_SS(_S) ASSY, DIGITAL MAIN ASSY(side-B), DAC HIGH ASSY
5P PH Housing ASSY extension jig cable	GGD1594	Diagnosis for AUDIO ASSY, D AMP_SS(_S) ASSY
4P PH Housing ASSY extension jig cable	GGD1809	Diagnosis for AUDIO ASSY, D AMP_SS(_S) ASSY
24P board to board extension jig cable x 2	GGD1871	Diagnosis for AUDIO ASSY, D AMP_SS(_S) ASSY, DIGITAL MAIN ASSY(side-B), DAC HIGH ASSY
23P board to board extension jig cable	GGD1875	Diagnosis for DIGITAL MAIN ASSY(side-B), DAC HIGH ASSY
30P + 30P board to board extension jig cable	GGD1682	Diagnosis for DIGITAL MAIN ASSY(side-B), DAC HIGH ASSY
28P board to board extension jig cable	GGD1867	Diagnosis for DIGITAL MAIN ASSY(side-B), DAC HIGH ASSY
20P board to board extension jig cable	GGD1868	Diagnosis for DIGITAL MAIN ASSY(side-B), DAC HIGH ASSY

[2] Lubricants and Glues List

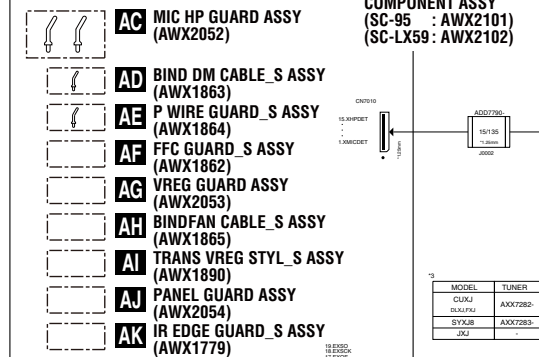
Name	Lubricants and Glues No.	Remarks
Silicone Grease	GYA1001	Refer to "9.5 FRONT SECTION"

[3] Cleaning



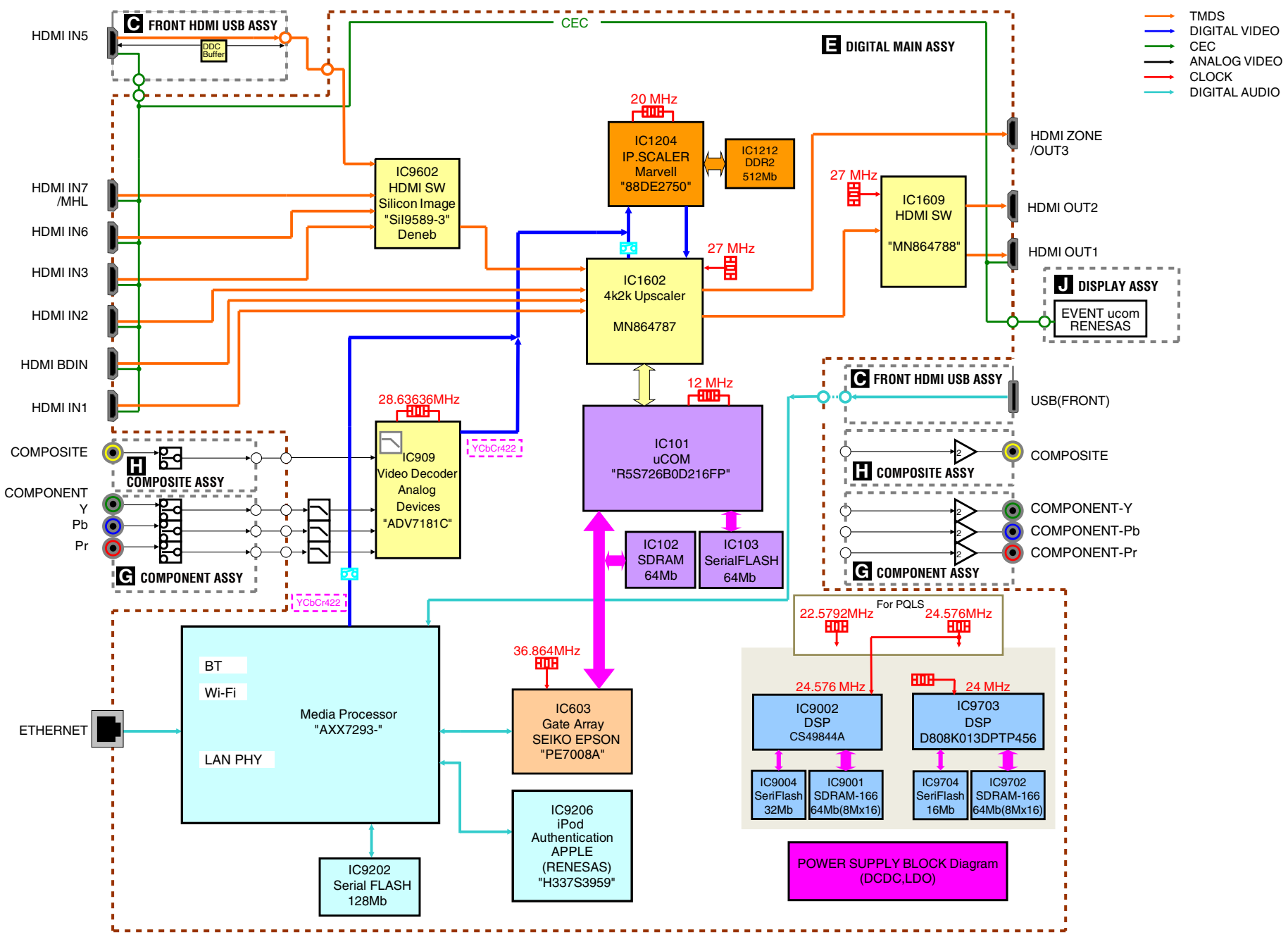
Before shipping out the product, be sure to clean the following positions by using the prescribed cleaning tools.

Position to be cleaned	Name	Part No.	Remarks
Fan	Cleaning paper	GED-008	Refer to "9.4 CHASSIS SECTION".





4.3 BLOCK DIAGRAM FOR DIGITAL MAIN VIDEO BLOCK



SC-95

1 2 3 4

4.5 BLOCK DIAGRAM FOR VIDEO BLOCK

A

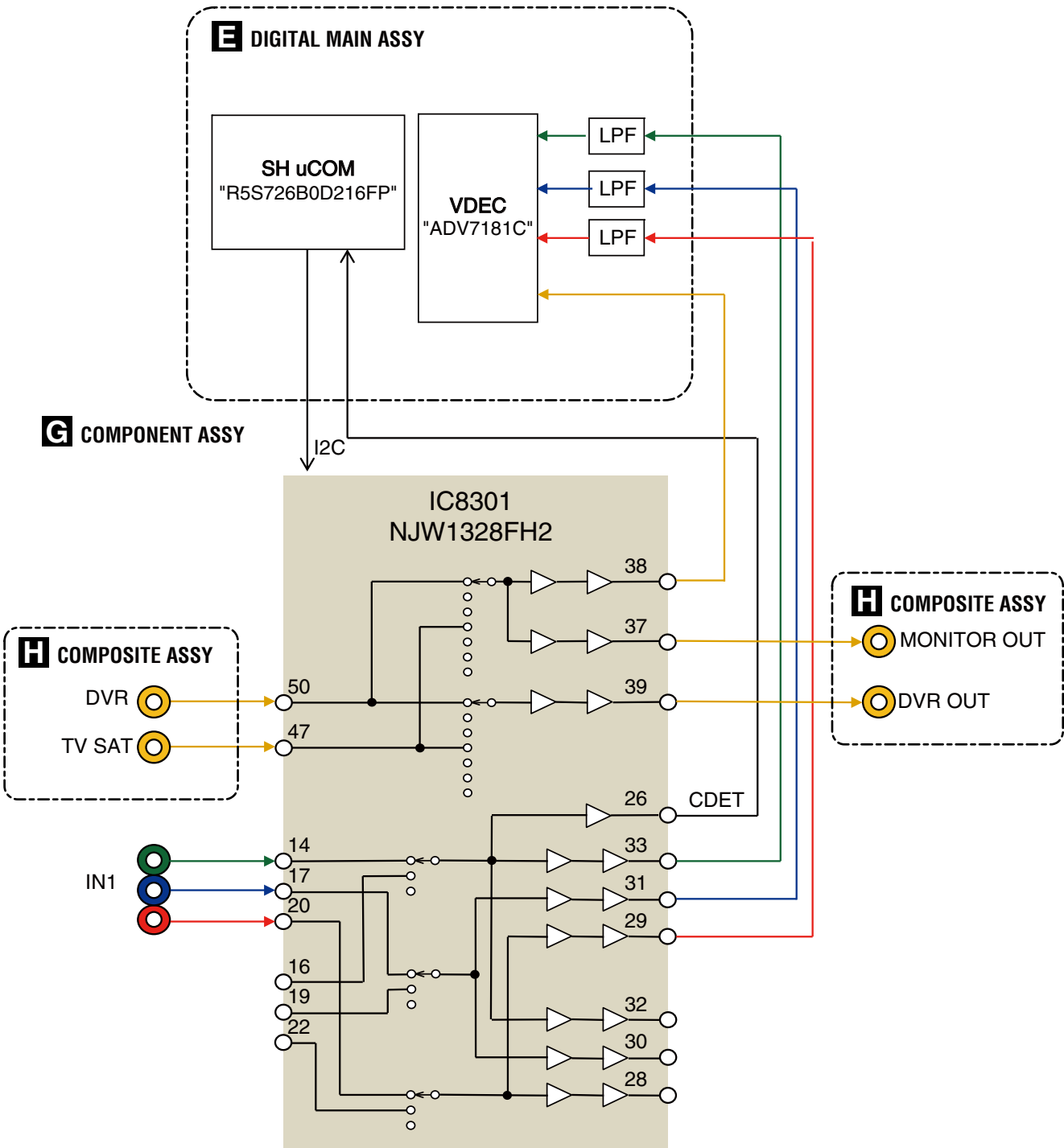
B

C

D

E

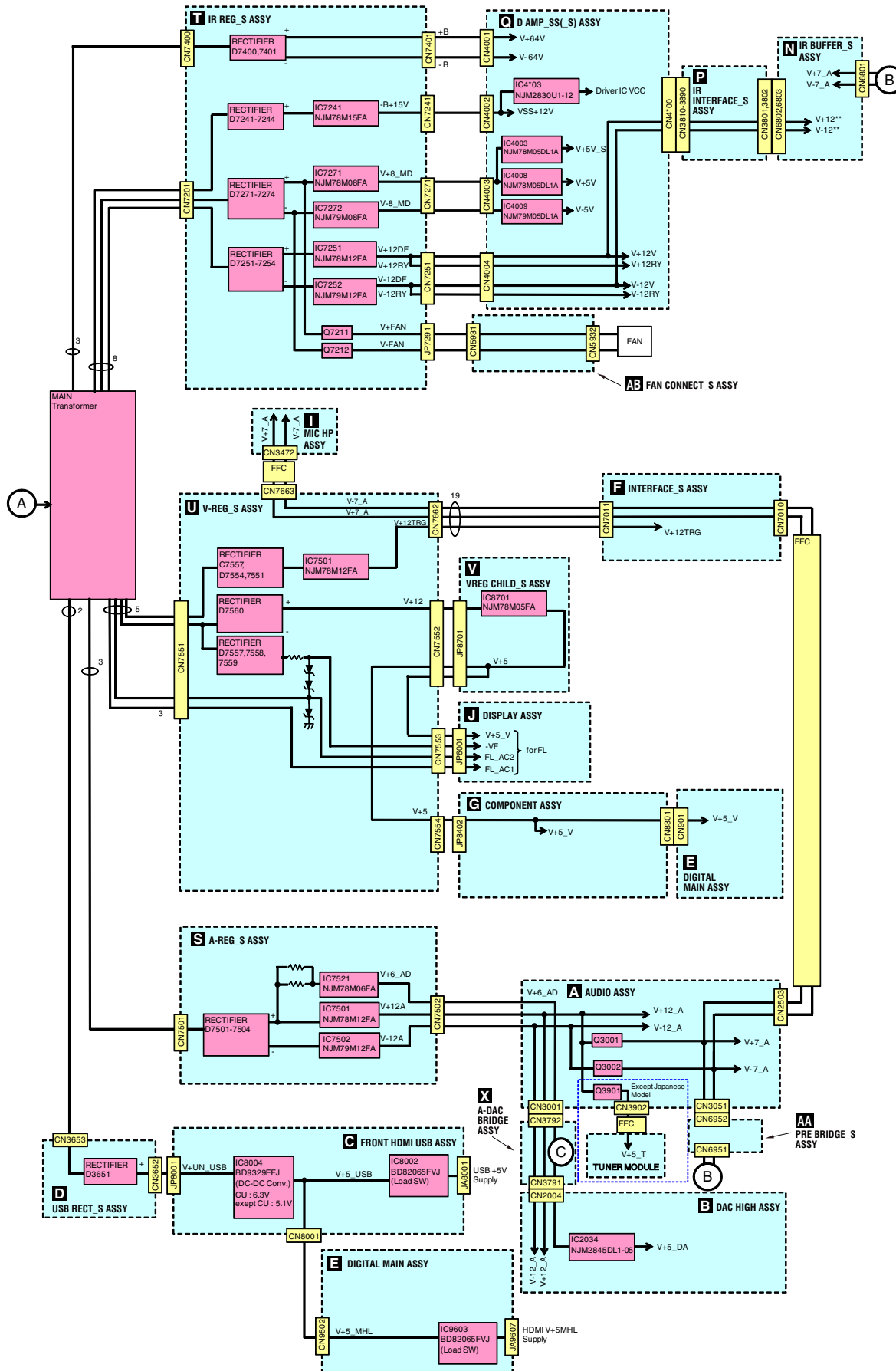
F



■ 5 ■ 6 ■ 7 ■ 8



4.7 BLOCK DIAGRAM FOR POWER BLOCK (2)

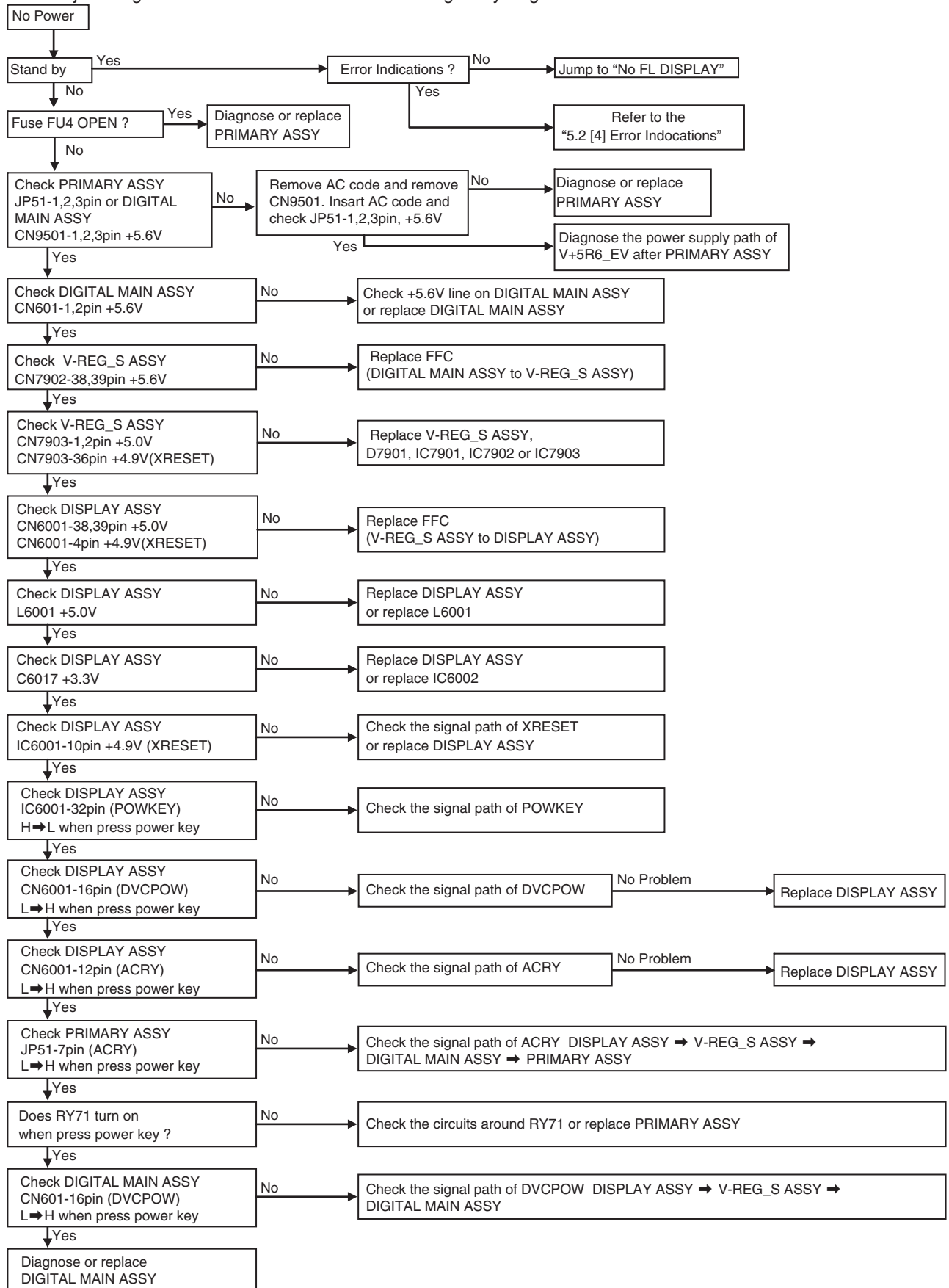


5. DIAGNOSIS

5.1 DIAGNOSIS FLOWCHART

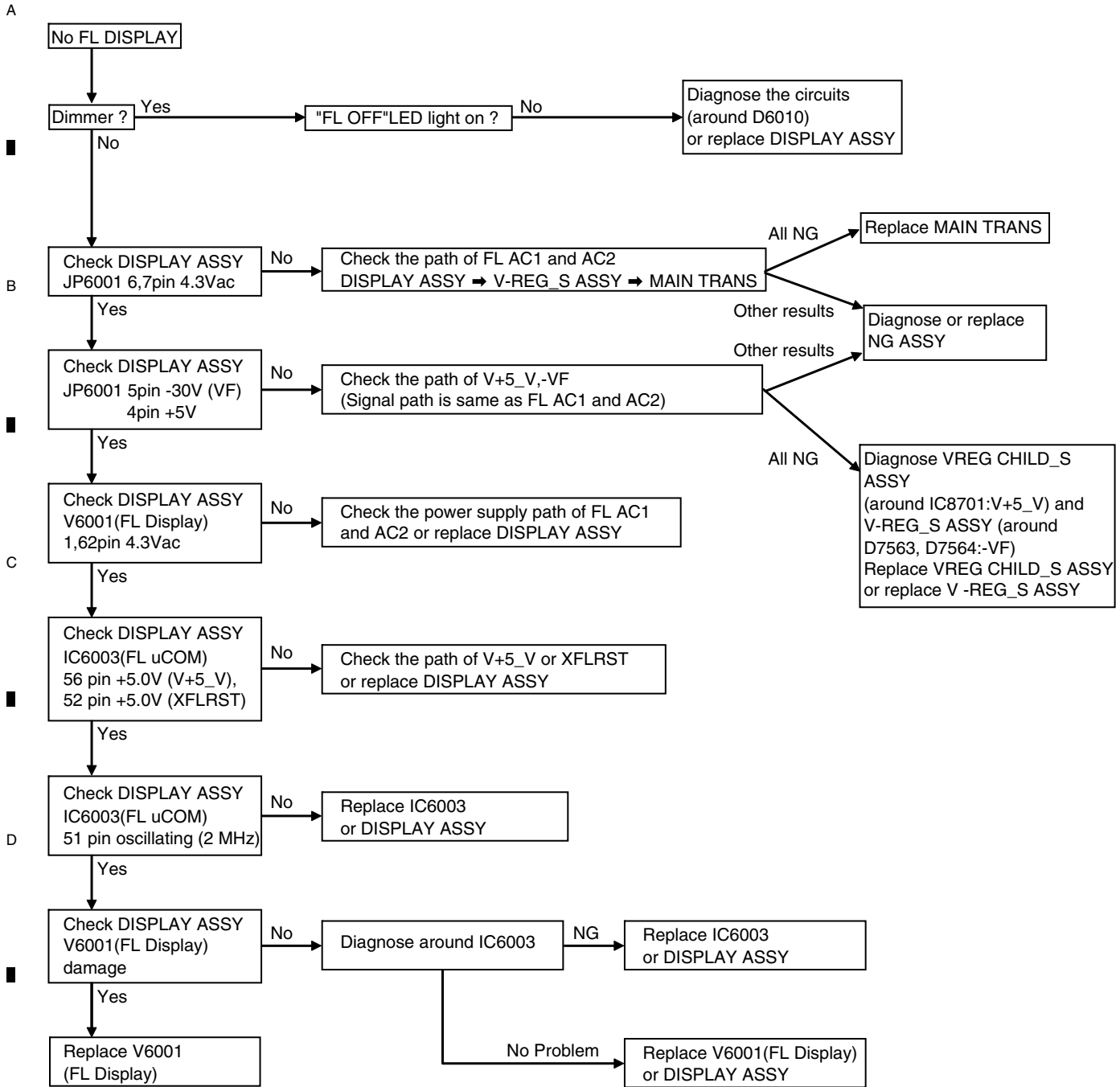
NO POWER

This is just for general reference and does not including every single case.



NO FL DISPLAY

This is just for general reference and does not including every single case.

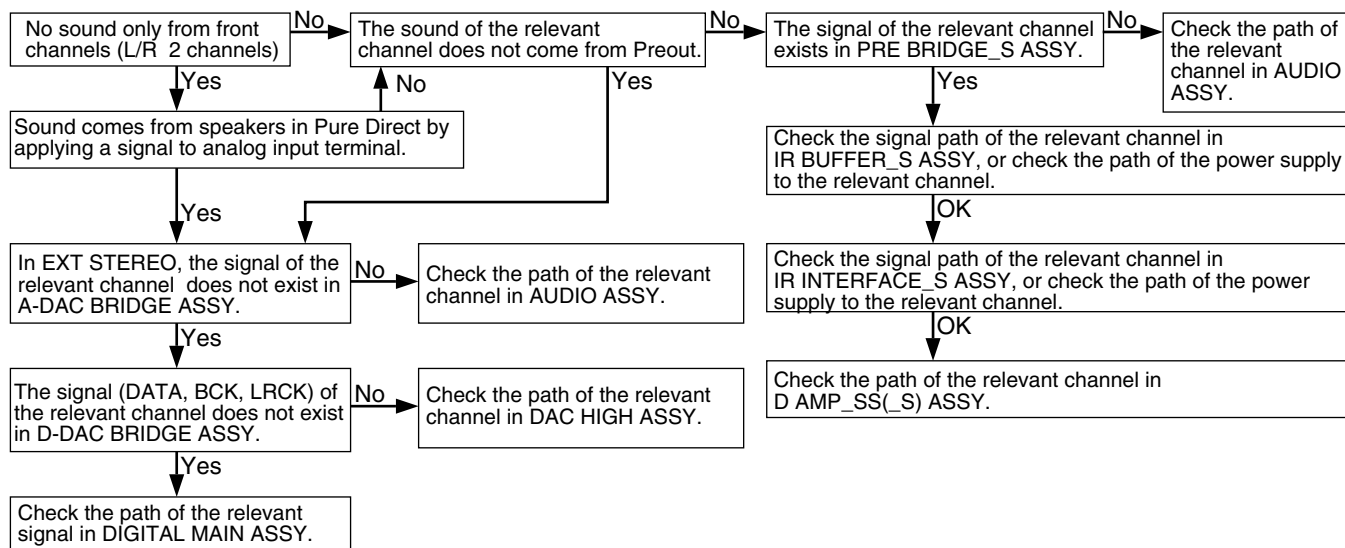


NO SOUND (Except for troubles caused by setting and others)

EXT STEREO mode : 2ch signals are distributed to all channels.

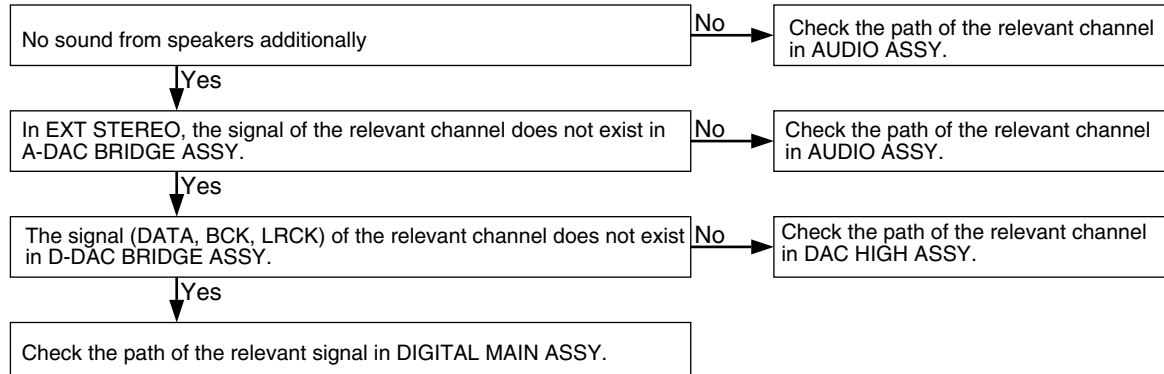
OPTIMUM Surr mode : Surround mode of headphones

- **No sound from speakers (Single channel - Check only the signal path of the relevant channel. Plural channels - There may be troubles with power source, control signals: MUTE, DET and others. Bad connection of cables and connectors should be also considered.)**

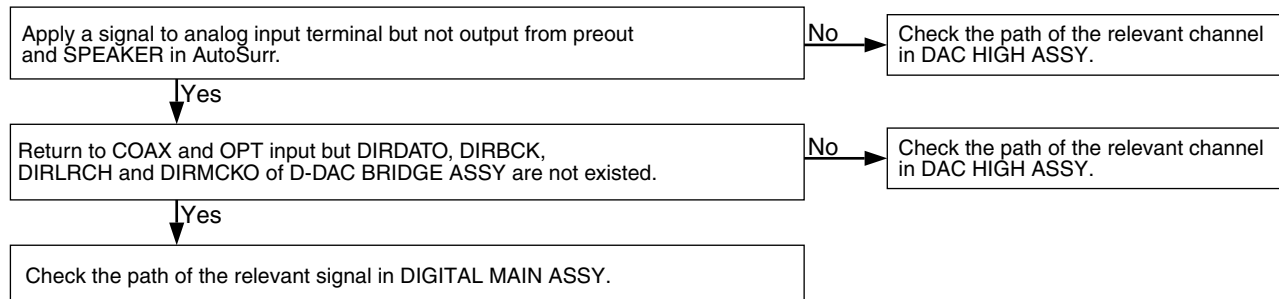


- **No sound only from Preout (Single channel - Check only the signal path of the relevant channel. Plural channels - There may be troubles with power source, control signals: MUTE, DET and others. Bad connection of cables and connectors should be also considered.)**

No sound only in DVROUT - Check the relevant path in AUDIO ASSY .

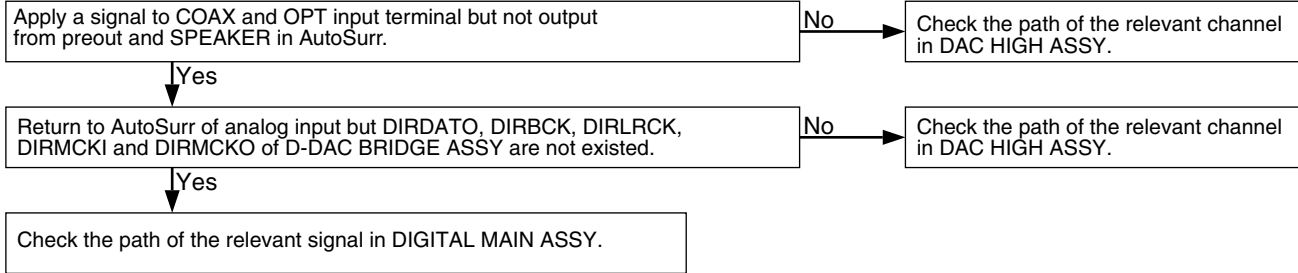


- **No sound only in COAX and OPT input (Single channel - Check only the signal path of the relevant channel. Plural channels - There may be troubles with power source, control signals: MUTE, DET and others. Bad connection of cables and connectors should be also considered.)**



- **No sound only in AutoSurr in analog input (Single channel - Check only the signal path of the relevant channel. Plural channels - There may be troubles with power source, control signals: MUTE, DET and others. Bad connection of cables and connectors should be also considered.)**

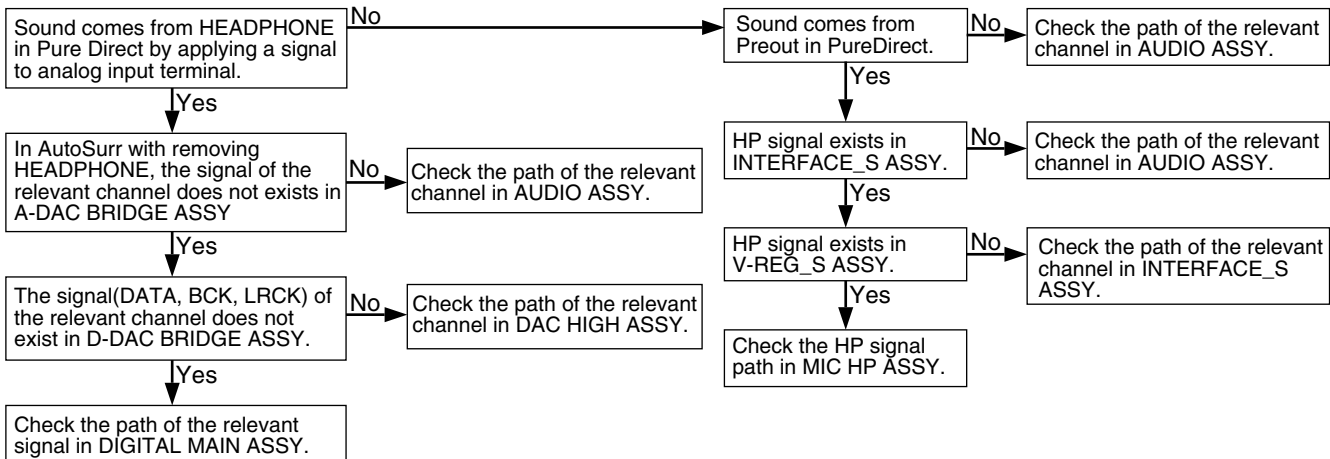
A



B

- **No sound from HEADPHONES (Single channel - Check only the signal path of the relevant channel. Plural channels - There may be troubles with power source, control signals: MUTE, DET and others. Bad connection of cables and connectors should be also considered.)**
If it is impossible to change to HEADPHONE, check the path of XHPDET signal.

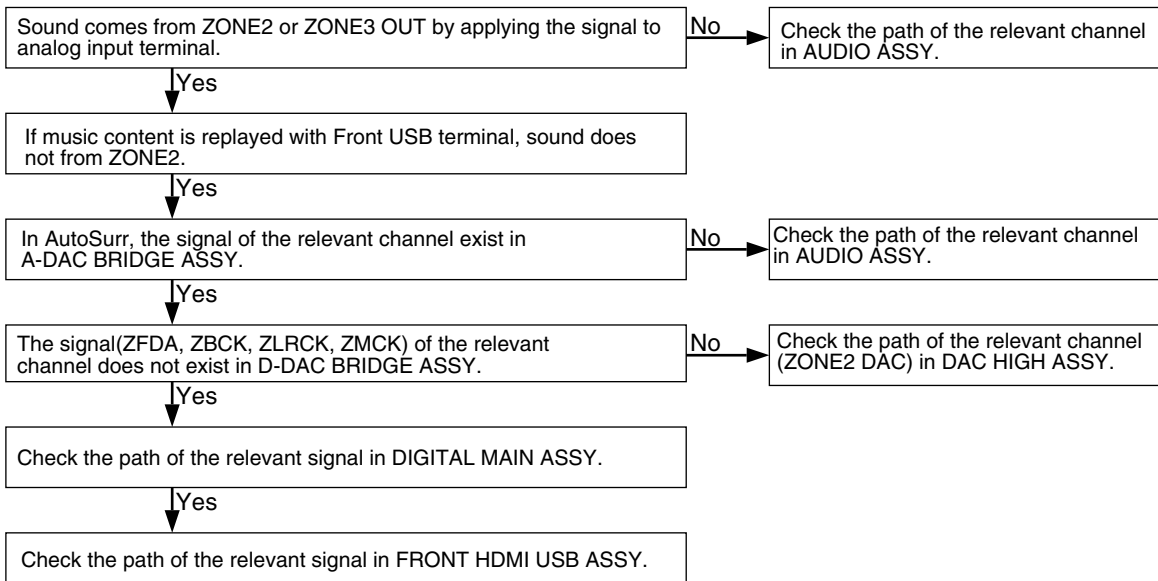
C



D

- **No sound only from ZONE (Single channel - Check only the signal path of the relevant channel. Plural channels - There may be troubles with power source, control signals: MUTE, DET and others. Bad connection of cables and connectors should be also considered.)**
No sound only in ZONE SW - Check the relevant path in AUDIO ASSY.

E



F

- **No sound only from FRONT USB terminal or only from MHL terminal (There may be troubles with the power source of circuit and control signals. Bad connection of cables and connectors should be also considered.)**

Check the path of the relevant signal in FRONT HDMI USB ASSY.

Yes

Check the path of the relevant signal in DIGITAL MAIN ASSY.

- **No sound only in HDMI, MEDIA SERVER and INTERNET RADIO (There may be troubles with the power source of circuit and control signals. Bad connection of cables and connectors should be also considered.)**

Check the path of the relevant signal in DIGITAL MAIN ASSY.

- **No sound only in BT (Single channel - Check only the signal path of the relevant channel. Plural channels - There may be troubles with power source, control signals: MUTE, DET and others. Bad connection of cables and connectors should be also considered.)**

Can it connect (paring) with any BT Devices?

No

Is the Antenna (ADH7049) connected to the Network Module (AXX7293)?

No

Connect the Antenna (ADH7049) to Network Module (AXX7293)

Yes

Yes

Is the Home Menu OSD displayed?

No

Remove the Network Module (AXX7293) and check the following voltages of CN9203
1pin or 3pin : 1.2V /
2pin or 4pin : 2.5V /
7pin or 9pin : 1.8V /
8pin or 10pin : 3.3V

No

Replace the Network Module (AXX7293)

OK

Check the digital audio signal output (CN9203 - 26, 28, 30, 32, 34pin) of DIGITAL MAIN ASSY

Yes

Replace the DIGITAL MAIN ASSY

No Good
Check the Power IC for problem voltage or replace the DIGITAL MAIN ASSY

- **No sound only in tuner (There may be troubles with the power source of circuit and control signals. Bad connection of cables and connectors should be also considered.)**

Check the path of the relevant channel in AUDIO ASSY, and check TUNER MODULE.

- **No sound only in POWERD HD ZONE**

Speaker setting is correct ?

No

Set the Speaker setting correctly.

Yes

Is there signal in the CN9702-22, 24, 25, 26pin of DIGITAL MAIN ASSY ?

No

Check the peripheral circuit of IC1818.
Check the path from IC1602.

Yes

Is there signal in the IC2038-1, 2, 3, 4pin of DAC HIGH ASSY ?

No

Check the peripheral path.

Yes

Is there signal in the IC2038-10, 11pin of DAC HIGH ASSY ?

No

Check the peripheral circuit of IC2038.

Yes

Is there signal in the CN2003-1, 3pin of DAC HIGH ASSY ?

No

Check the peripheral circuit of IC2039.

Yes

Check the VOL IC (IC2501, IC3273) peripheral circuit of AUDIO ASSY.

- **No sound by MEDIA SERVER, INTERNET RADIO, FRONT USB, BT and Wi-Fi**

Check the connection between DIGITAL MAIN ASSY and Network Module (AXX7293)

No

Reconnect the Network Module (AXX7293) to DIGITAL MAIN ASSY.

Yes

Check the digital audio signal output (CN9203 - 26, 28, 30, 32, 34pin) of DIGITAL MAIN ASSY

Yes

Check the digital audio signal lines or replace the DIGITAL MAIN ASSY

No

Remove the Network Module (AXX7293) from DIGITAL MAIN ASSY and check the following voltages of CN9203 - 1pin or 3pin : 1.2V / 2pin or 4pin : 2.5V / 7pin or 9pin : 1.8V / 8pin or 10pin : 3.3V

No

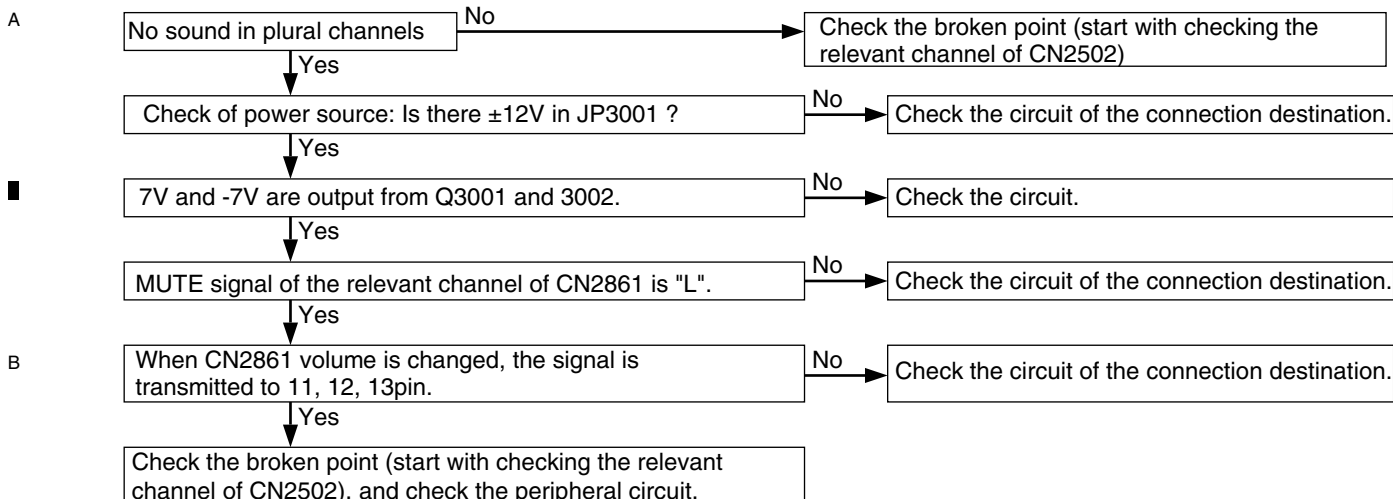
Check the Power IC for problem voltage or replace the DIGITAL MAIN ASSY

Yes

Replace the Network Module (AXX7293)

AUDIO ASSY DIAGNOSIS

No sound in plural input modes of speaker and Preout



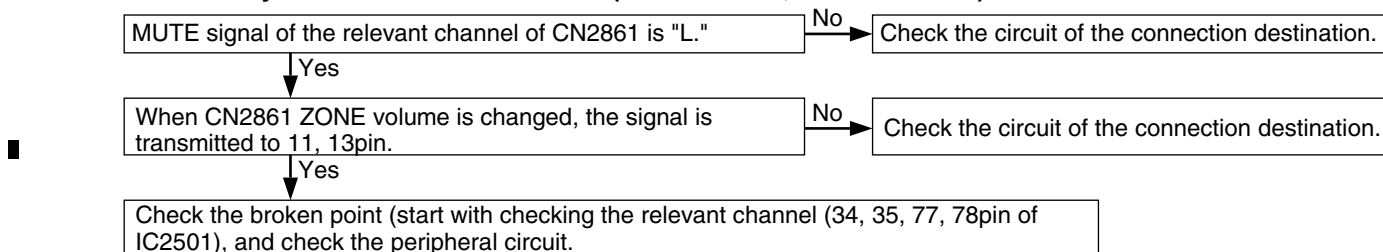
No sound only in analog input

Check the path from each input terminal to IC2501.

No sound only from HEADPHONES

Check the peripheral of IC2801.

No sound only from ZONE 2 and ZONE 3 (Both of them, Either of them)



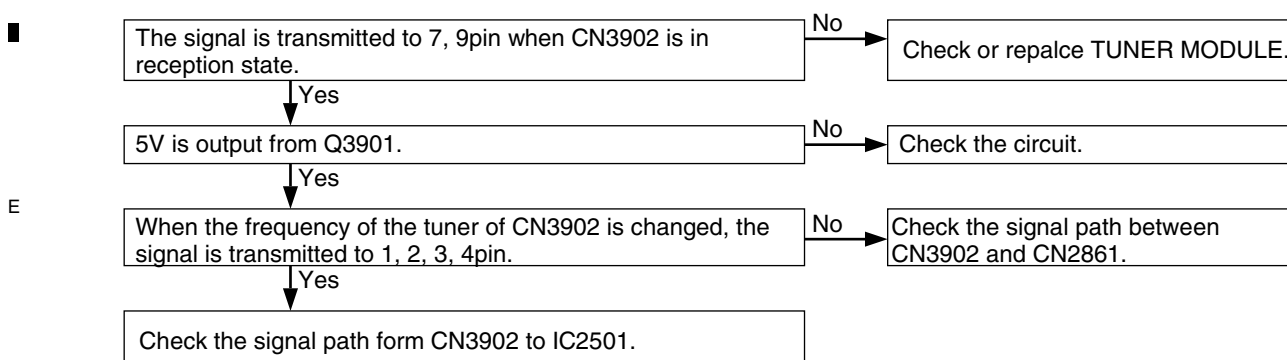
No sound only from ZONE 2 of FRONT USB

Check the path from 1, 3pin of CN2502 to IC2501.

No sound only in BT

Check the path from 18, 20pin of CN3001 to IC2501.

No sound only in Tuner

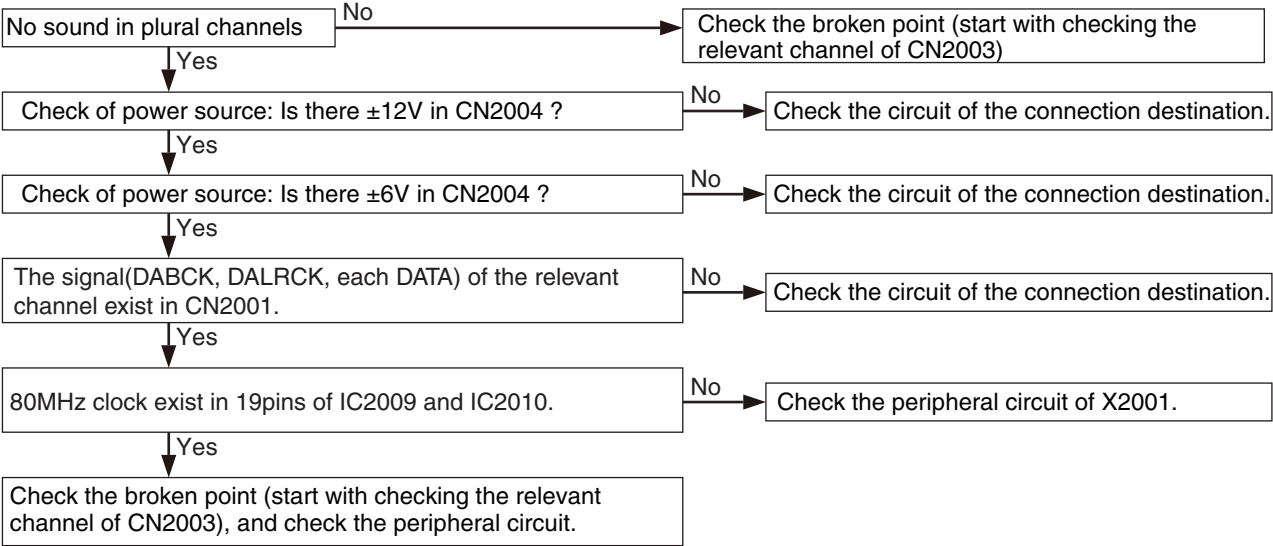


No sound only from DVR/BDR OUT

Check the path and circuit between IC2501 and JA2501.

DAC HIGH ASSY DIGNOSIS

■ No sound from speakers and Preout in EXT STEREO



■ No sound only in COAX input or OPT input

Check the peripheral circuit of IC2003.

■ No sound only in analog input

Check the peripheral circuit of IC2027.

■ No sound only from ZONE 2 of FRONT USB

Check the peripheral circuit of IC2026.

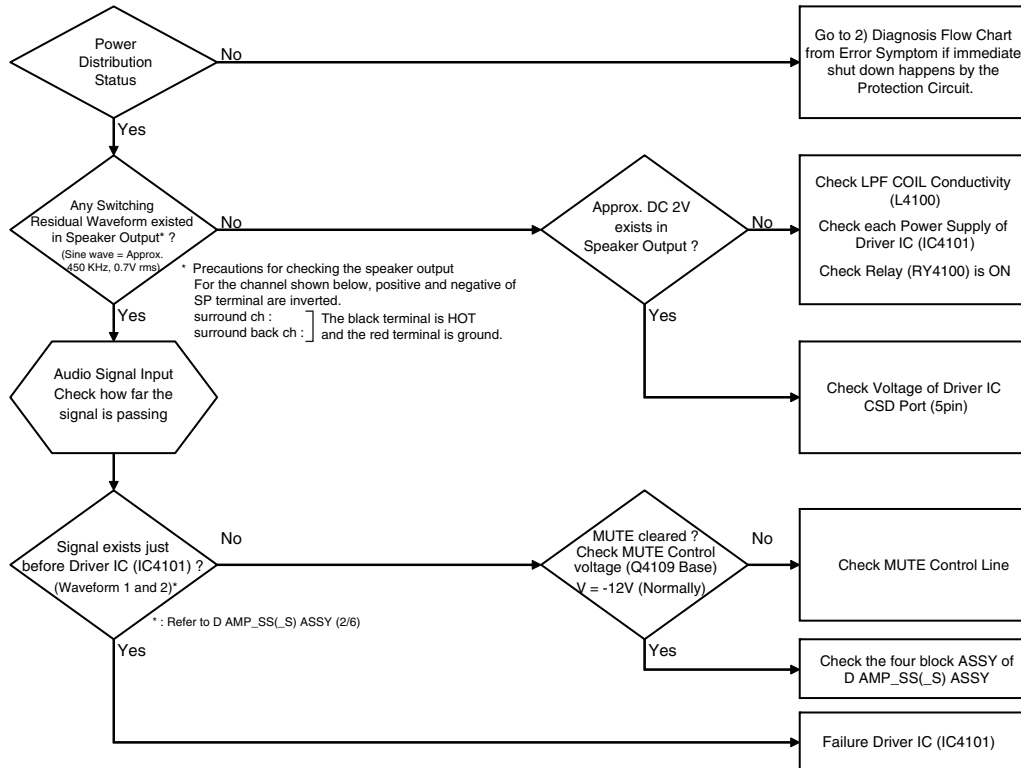
■ No sound only in BT

Check the 14, 16pin of JA2010, the power source and control signals.

DIGITAL AMP BLOCK FLOWCHART

1) No Sound

A

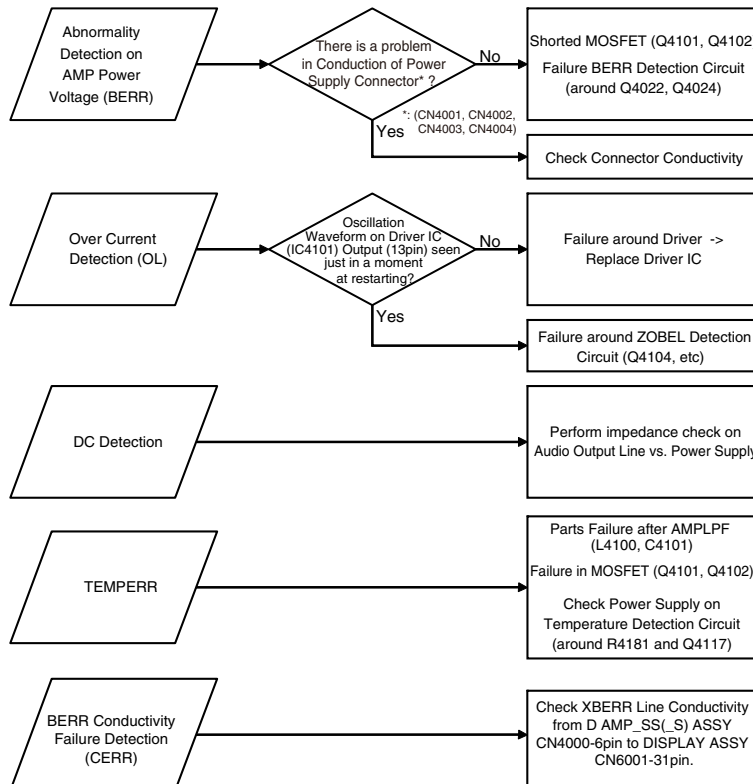


NOTE : Wiring number listed is the example of Front L-ch

2) Diagnosis Flow Chart from Error Symptom

Failure locating method from error symptom is available as diagnosis after product shutdown.
Diagnosis Flow Chart from error symptom due to Amplifier Section is shown here.

D



Cause of being BERR
When B-Power Supply Voltage falls below ± 20 V

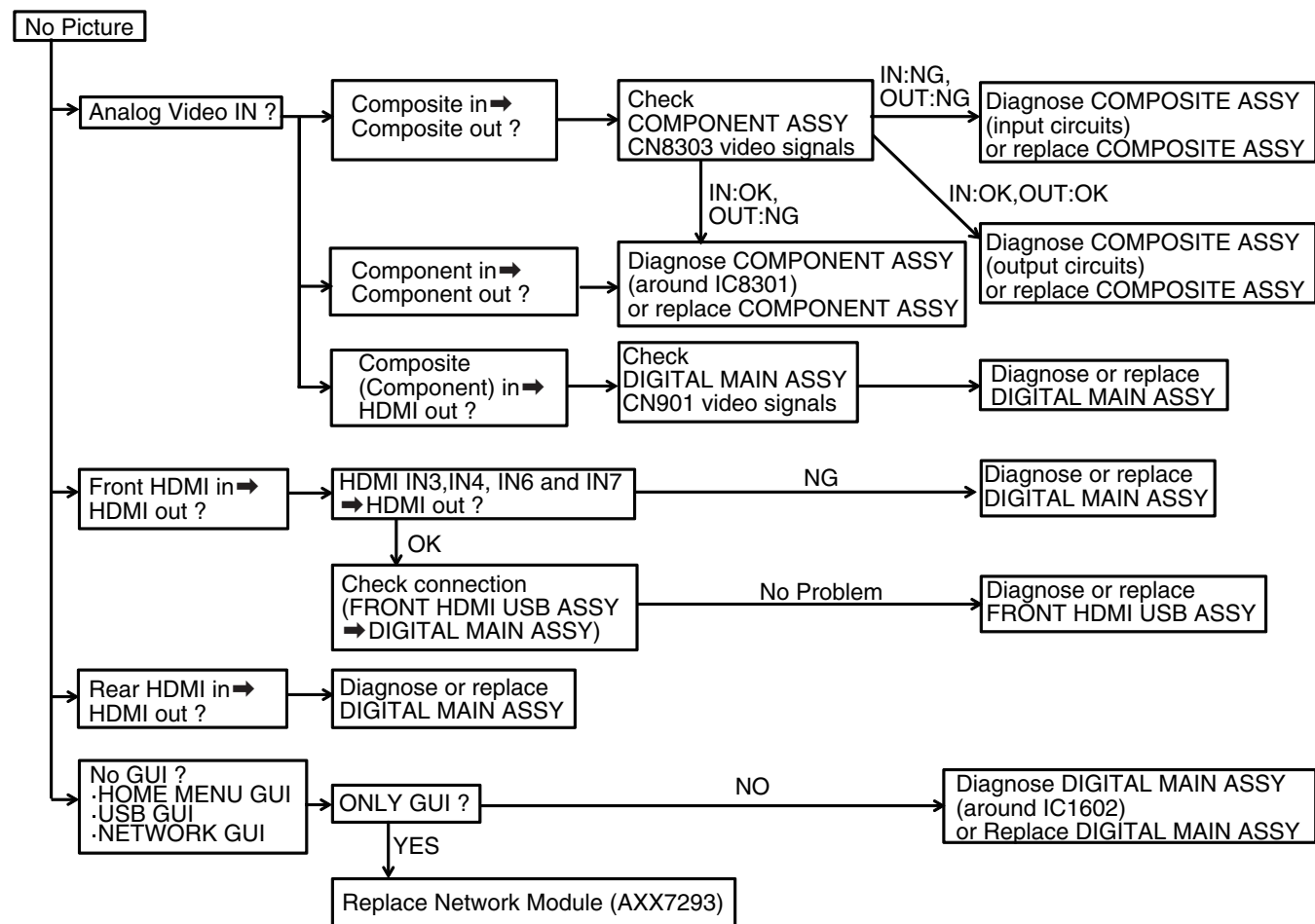
Cause of being OL
At Over Current Detected (Not worked with no-load)
At Driver IC not Oscillated
At ZOBEL Detection Circuit Activated
When B-Power Supply Voltage exceeds ± 75 V
Parts Failure after AMPLPF (L4100, Q4101)

Cause of being DC
When DC 7V or above is output in Audio Output Line

Cause of being TEMPERR
When MOSFET Temperature exceeds approx. 120 degrees
When MOSFET temperature is suddenly increased

NO PICTURE

This is just for general reference and does not including every single case.



In case of using 4K/60p-compatible TV and no picture.

The receiver's HDMI input terminals support the 4K/60p signal. However, there are two types of terminals as follows.

- Type 1: 4K/60p 4:4:4 24 bit signal (transmission speed up to 18 Gbps) can be transmitted: BD, DVD (HDMI IN 1), SAT (HDMI IN 2)
- Type 2: 4K/60p 4:2:0 24 bit signal can be transmitted (4K/60p 4:4:4 24 bit signal is not supported, transmission speed up to 10.2 Gbps): HDMI input terminals other than the above

NOTE: All input terminals are type 2 when HDZONE is turned on.

1. When a source device that does not support the 4K/60p 4:4:4 24 bit signal is connected to a type 1 terminal, the video image may become reddish, sound may not be output, or 3D signals may not be output for some devices. For such devices, try the following.

*This is not a malfunction of the receiver.

- Connect the device to a type 2 terminal instead of the type 1 terminal.
- It is also possible to set all input terminals to type 2. Set the following "HDMI 4K/60p signal output setting" to "4:2:0".

2. When the video image is not output, is interrupted, or there is noise, the cause may be the HDMI cable. (Some HDMI cables do not support 4K/60p 4:4:4 24 bit signal transmission.) In such cases, set the following "HDMI 4K/60p signal output setting" to "4:2:0".

HDMI 4K/60p signal output setting

Operation is performed on the front panel of the unit. You cannot perform the setting if the multizone function is not set to **MULTI ZONE OFF**.

1 Switch the receiver into standby.

2 While holding down ENTER on the front panel, press STANDBY/ON.

The display shows **RESET◀ NO ▶**.

3 Use / to select '4K/60p'.

4 Use / to select the signal to set.

- **4:4:4** – Select this setting when connecting to a 4K/60p 4:4:4 24 bit compatible TV using HDMI. More high quality video images can be enjoyed.
- **4:2:0** – Select this setting when connecting to a 4K/60p 4:2:0 24 bit compatible TV using HDMI.

5 When you're finished, press RETURN.

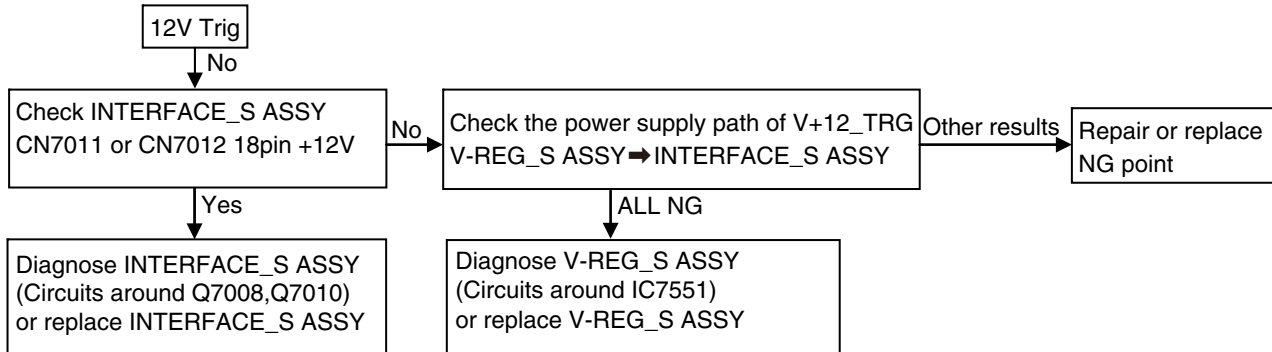
6 Press STANDBY/ON to switch on the receiver and your TV.

Make sure that the TV's video input is set to this receiver.

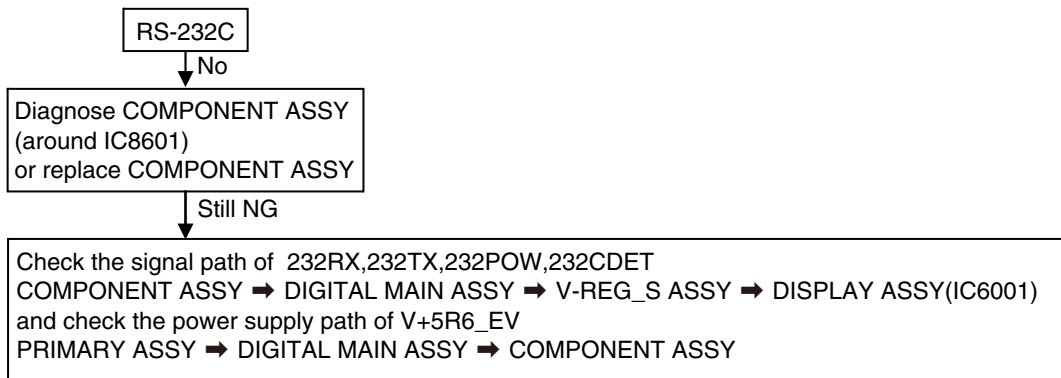
OTHER

This is just for general reference and does not including every single case.

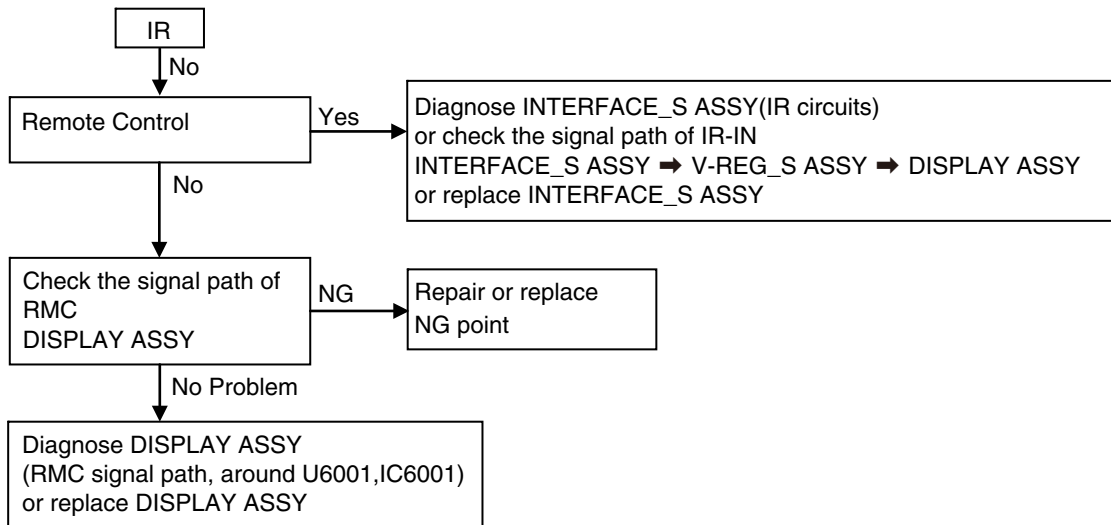
12V Trig



RS-232C



IR



5.2 CIRCUIT DESCRIPTION

[1] Protection Circuit Process List

Amplifier Circuit

Item	Purpose	Detection Method	Status of Equipment	Warning Indication	Remarks
Overheat detection	Detects MOS FET temperature of amplifier output stage	Detects when TEMPERR5 port becomes "L" in case of the detecting temperature exceeds 120°C or rapid change by short circuit of speaker terminals. (IC6001 24pin)	Flashes "OVERHEAT" Shuts down when abnormality continues for more than 3 seconds.	Blinks FL OFF LED indicator.	Recoverable by power-on after shutdown in 1 minute.
		Detects when AMPTEMP port becomes below 1.6V at NTC Thermistor detect circuit. (IC6001 64pin)	Fan rotates by power-on.		AMPTEMP voltage [US Model Only] 5V-2.9V : FANLOW 2.9V or less : FANHIGH [Except US Model] 5V-3.8V : FANSTOP 3.8V-2.9V : FANLOW 2.9V or less : FANHIGH
DC detection	Detects DC of amplifier output (After LPF)	Detects when SP output exceeds DC $\pm 7V$ and XDCERR port becomes "L". (IC6001 21pin)	MUTE on and Speaker Relay off. Flashes "AMP ERR". Shuts down when abnormality continues for more than 3 seconds.	Blinks MCACC PRO LED	In case of detecting DC abnormality during power-on sequence after the DC was once detected. Recoverable by only DC DETECT cancel. Refer to "How to Enter Release Mode".
			MUTE on and Speaker Relay off. Flashes "AMP ERR". Shuts down when abnormality continues for more than 3 seconds.	Blinks FL OFF LED indicator.	In case of detecting DC abnormality during normal operation. Recoverable by power-on after 1 minute.
Zobel detection	Protects overcurrent by Zobel Resistance when high power output of higher frequency continued	Detects XOLERR port becomes "L". (IC6001 13pin)	Shuts down	Blinks Wireless LED	Recoverable by power-on
Overcurrent detection	Protects overcurrent of MOS FET in output stage when overcurrent flows at the output stage	Detects XOLERR port becomes "L". (IC6001 13pin)	Shuts down	Blinks Wireless LED	Recoverable by power-on
Amplifier Power Supply failure detection	Detects abnormal in the Amplifier Power Supply	Detects B-Power Supply Voltage exceeds $\pm 75V$ and XOLERR port becomes "L". (IC6001 13pin)	Shuts down	Blinks Wireless LED	Recoverable by power-on.
		Detects B-Power Supply Voltage falls below $\pm 20V$ and XBERR port becomes "L". (IC6001 75pin)		Blinks MCACC PRO LED	Recoverable by only DC DETECT cancel. Refer to "How to Enter Release Mode".
BERR conductivity failure detection	Detects XBERR line conductivity failure	Detects when XBERR port becomes "M". (approx. 2.5V) (IC6001 75pin)	Shuts down	Blinks Wireless LED	Recoverable by power-on.
Fan abnormality detection	Detects a Fan not rotating by loose connector or Fan lock when controlling the Fan rotation	Detects when XFANERR port becomes "L". (IC6001 28pin)	Flashes "FAN STOP" Shuts down when abnormality continues for more than 3 seconds.	Blinks Wireless LED	Recoverable by power-on

[How to Enter Release Mode]

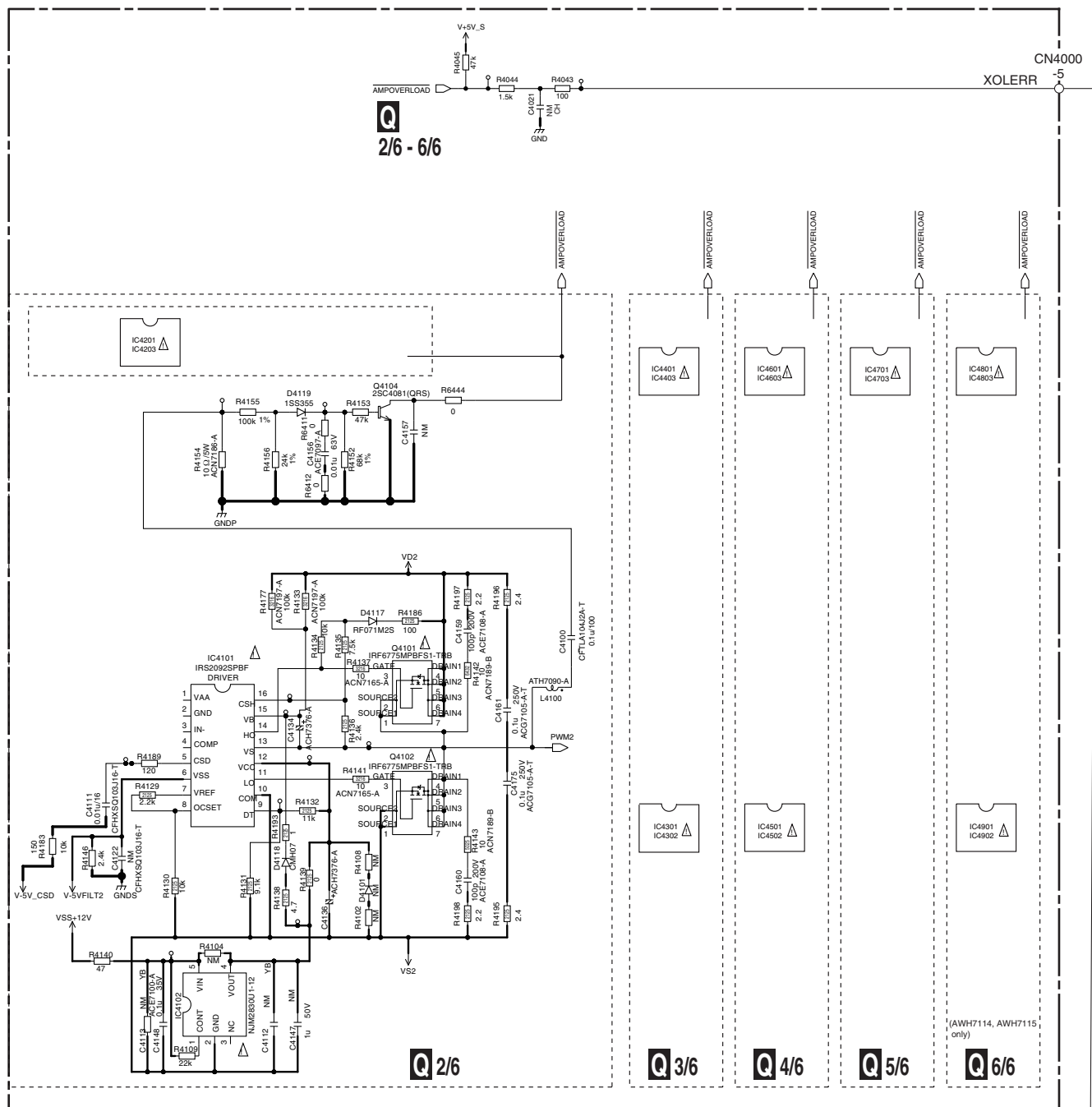
During Standby mode, simultaneously press and hold the "TUNE [↓]" and "ZONE2 ON/OFF" keys for 5 seconds.

A



Zobel Detection Over Current Detection of MOS FET in Output Stage

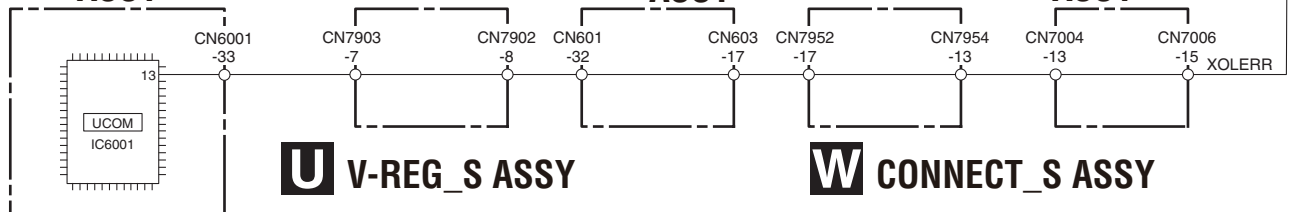
Q D AMP_SS(_S) ASSY



J DISPLAY ASSY

E DIGITAL MAIN ASSY

F INTERFACE_S ASSY

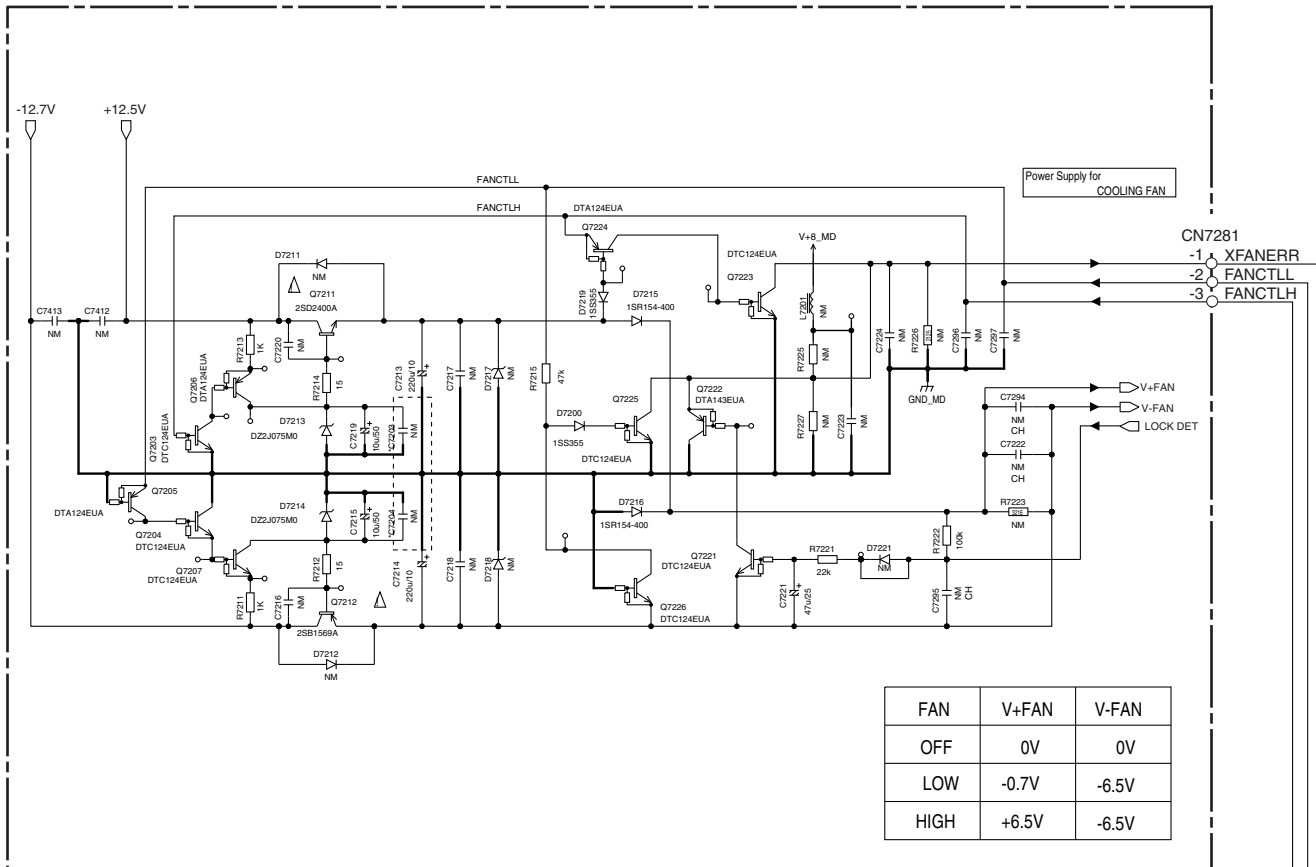


U V-REG_S ASSY

W CONNECT_S ASSY

Fan Abnormality Detection

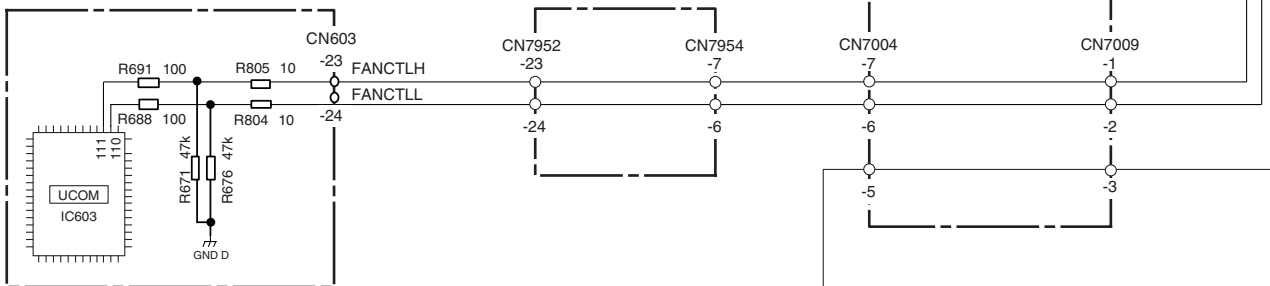
T IR REG_S ASSY



E DIGITAL MAIN ASSY

W CONNECT_S ASSY

F INTERFACE_S ASSY

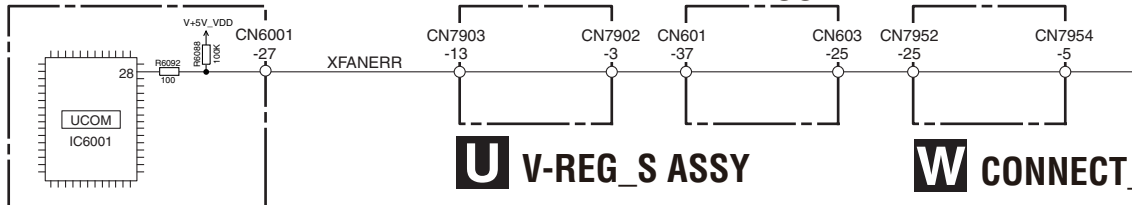


J DISPLAY ASSY

E DIGITAL MAIN ASSY

U V-REG_S ASSY

W CONNECT_S ASSY

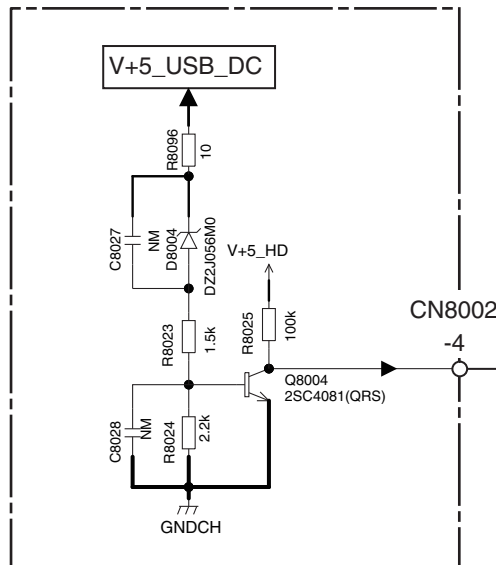


[2] Protection Circuit Process List (XVDDERR)

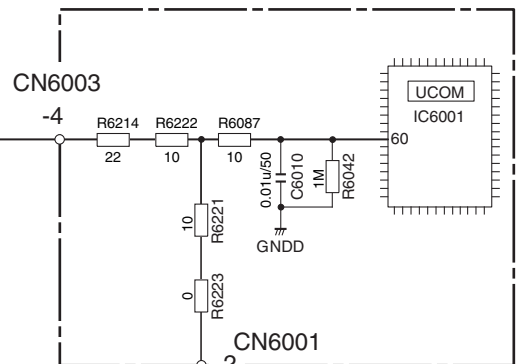
Item	Purpose	Detection Method	Status of Equipment	Warning Indication	Remarks
USB power failure detection	Detection of failure in regulator circuit for external supply	Detected when USB voltage reaches 7V or higher. XVDDERR port is set to "L" (IC6001 60pin)	Shuts down	Blinks Wireless LED	Restoration possible with Power ON
V+6_AD failure detection	Detection of failure in +6V power supply circuit for AD/DA converter	Detected when V+6_AD voltage reaches 3.8V or lower. XVDDERR port is set to "L" (IC6001 60pin)	Shuts down	Blinks Wireless LED	Restoration possible with Power ON
V+5_V over voltage protection	To protect an over voltage of +5V power supply for video IC	Detected when V+5_V voltage is over 6.6V. XVDDERR port is set to "L"(IC6001 60pin)	Shuts down	Blinks Wireless LED	

XVDDERR Circuit

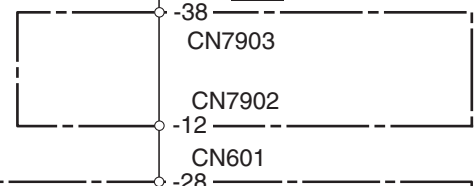
C FRONT HDMI USB ASSY



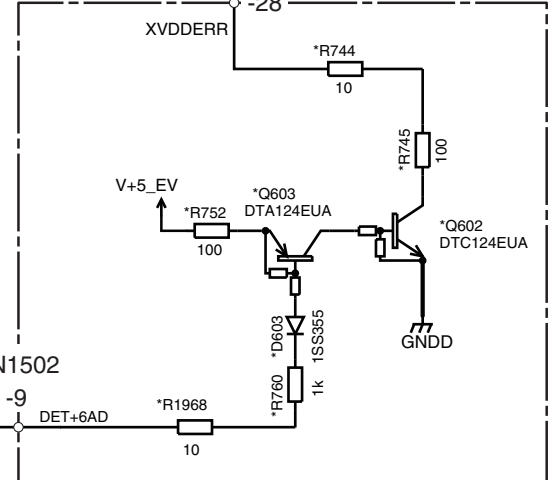
J DISPLAY ASSY



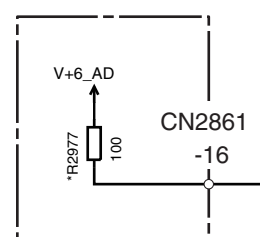
U V-REG_S ASSY



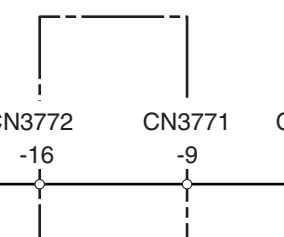
E DIGITAL MAIN ASSY



A AUDIO ASSY



Y D-AUDIO BRIDGE ASSY

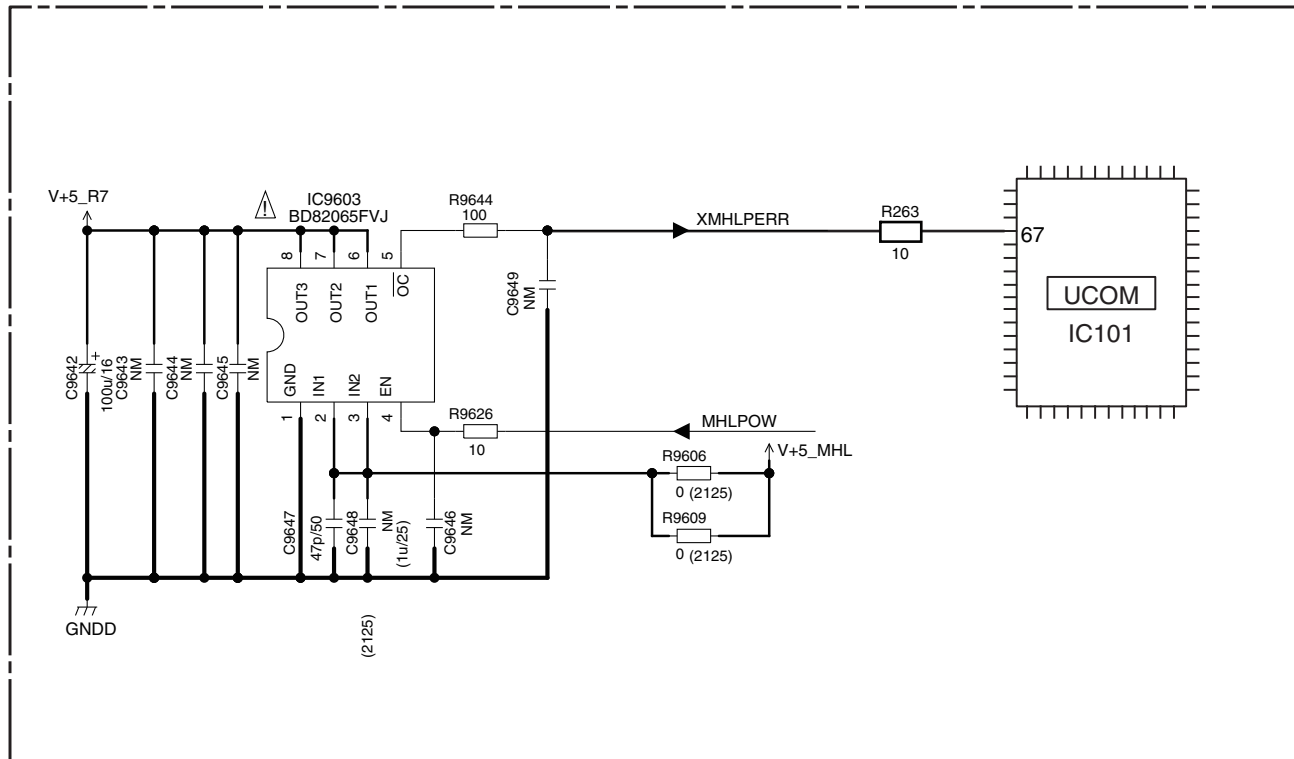


[3] Protection Circuit Process List (XMHLPERR)

Item	Purpose	Detection Method	Status of Equipment	Warning Indication	Remarks
MHL Overcurrent detection	Detection of over-current in MHL power supply	IC9603 detects MHL circuit overcurrent and XMHLPERR port is set to "L".	Flashes "MHL POW ERR" and stops MHL power supply.		MHL power is not supplied until the MHL equipment is acknowledged after second power-on.

XMHLPERR Circuit

DIGITAL MAIN ASSY



[4] Error Indications

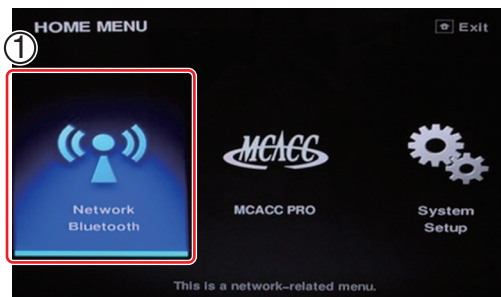
	FL Display	LED flashes	Status	Timing (sec.)	Description	Remarks
(1)	Over Current	NA	When the overload USB device (over 500 mA) is connected.		The connected USB device is overload.	
(2)	HDCP ERROR	NA	When an HDCP ERROR is detected.	Flashes 5 seconds		Warning indication for HDMI Simplay
(3)	12V TRG ERR	NA	When the 12V trigger circuit is short-circuited.	Flashes	The 12V trigger circuit is short-circuited, and a overcurrent is generated.	
(4)	UE11	NA	Update error of software for Event Ucom.	Flashing	Updating of Event Ucom was failed due to some reason such as AC OFF during updating. (The unit was starting up with old version)	Update Event Ucom again.
(5)	UE22	NA	Read error of DSP firmware.	Flashing	Updating of DSP firmware was failed due to some reason such as AC OFF during the updating. Or there's a possibility of communication error between DSP IC and flash ROM IC for DSP.	Update DSP firmware again. If the error still remains after updating, replace DIGITAL MAIN ASSY.
(6)	UE33	NA	Read error of Network Module firmware.	Flashing	Updating of Network Module firmware was failed due to some reason such as AC OFF during the updating. Or there's a possibility of communication error between Network Module and flash ROM IC for Network Module.	Update Network Module firmware again. If the error still remains after updating, replace Network Module (AXX7293).

5.3 CONFIRMATION OF THE NETWORK MODULE

Check if the set SSID of this unit is displayed on a device such as a PC or a smart phone, following the procedures shown below.
If the SSID is displayed on the device, the antenna connections of the Network Module are normal.
If the SSID is not displayed, check the antenna cable connections on the Network Module.

Procedures:

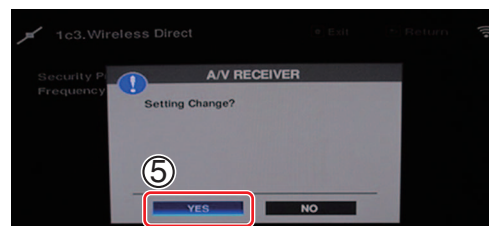
① Press "Home Menu" button on a remote control and select "Network Connection" from the Network, Bluetooth menu on screen.



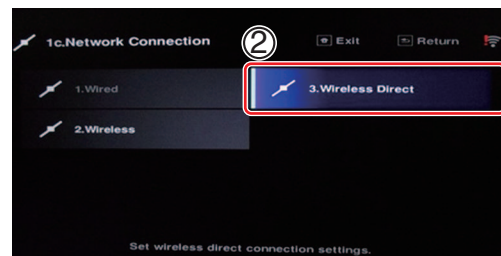
③ Select the encryption method to "None" with ← / → from Security Protocol.

④ Select "Frequency Band" at ↓ and select the frequency to "2.4GHz".

⑤ Select "OK" then press ENTER. "Setting change?" window is displayed, then select "YES" and press ENTER.



② Select "Wireless Direct" from the Network Connection menu.



⑥ Select the SSID shown on the screen of this unit. (e.g. WirelessDirectX: XXXXXX)



How to Check on a PC Equipped with a Wireless LAN Device

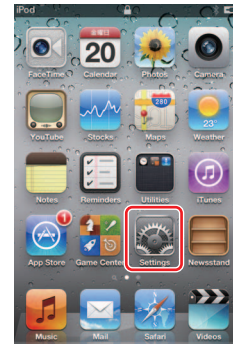
[Windows 7]

- ① Left-click on the wireless network icon on the system tray.
- ② Check that the above-mentioned SSID (WirelessDirectX:XXXXXX) is displayed on the list that appears.



How to Check on a Smartphone (Example: iPod Touch)

- ① At the top screen of an iPod Touch, select Settings.



- ② Select Wi-Fi.



- ③ Check that the above-mentioned SSID (WirelessDirectX:XXXXXX) is displayed in the "Choose a Network" box.

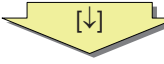
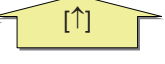
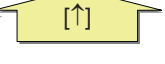
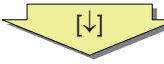
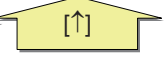
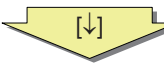
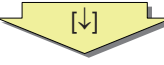


[1] Detected protection history

[Purpose]
The numbers of detections for various protection processes are displayed.

[How to enter/exit]
Turn off the power to this unit by setting the main volume level to “---dB” and Multi-zone to “OFF”.
During Standby mode, simultaneously press and hold “ZONE2 ON/OFF” and “ENTER” keys for 5 seconds to enter this mode.

[Basic operations]

Key operation	FL display
Display number of times DC is detected.	DC : ***
 	
Display number of times OVERLOAD is detected.	OL : ***
 	
Display number of times COMBINATION is detected. (Detects DC and OVERLOAD simultaneously)	COM : ***
 	
Display number of times FAN STOP is detected.	FAN : ***
 	
Display number of times AMP overheat is detected.	STMP : ***
 	
Display number of times Digital Power abnormality is detected.	DERR : ***
 	
Display number of times B REG power supply failure is detected.	BERR : ***
 	
Display number of times B REG conductivity failure is detected.	CERR : ***

Front Panel Key
[↓] : TUNE Key
[↑] : TUNE Key
[←] : PRESET Key
[→] : PRESET Key

Key operation	FL display
Resetting the number of times error is detected.	RESET ◀HOLD▶
↓	
↑	
Display accumulated time & RESET.	1 2 3 4 5 h 2 0 m ◀ HLD ▶
↓	
↑	
Display CEC(TEST) state.	CEC ◀OFF▶
↓	
↑	
Display FAN(TEST) state.	FAN ◀OFF▶
↓	
↑	
USB Backup state	USB BAK ◀HOLD▶
↓	
↑	

Resetting the number of times error is detected

Key operation	FL display
◀[←][→]▶	RESET ◀CLEAR?▶
[ENTER]	RESET ◀RESET▶
Continued	

Resetting the accumulated time

Key operation	FL display
◀[←][→]▶	1 2 3 4 5 h 2 0 m ◀CL?▶
[ENTER]	0 h 0 m ◀RST▶
Continued	

Display CEC(TEST) state.

Key operation	FL display
◀[←][→]▶	CEC ◀ON▶
Change cyclically	

Key operation	FL display
◀[←][→]▶	FAN ◀ON▶
Change cyclically	

Saving and Loading of USB backup state.

Key operation	FL display
◀[←][→]▶	(A/V Receiver → USB) USB BAK ◀SAVE?▶
◀[←][→]▶	(USB → A/V Receiver) USB BAK ◀LOAD?▶
Change cyclically	

Key operation	FL display
[ENTER]	PLEASE WAIT
SAVE or LOAD is completed.	COMPLETE
↓ 5-15 sec Power OFF (All zone OFF)	

A

Key operation	FL display
Display Wireless disconnection judgement time	WLAN DC ◀ 3 min ▶
↓ ↑	
Display Model Name/Destination state.	SC-95/CUXJ SC-LX59/SYXJ8
↓ ↑	
Change cyclically	

B

Selecting Wireless disconnection judgement time	
Key operation	FL display
← →	WLAN DC ◀ 5 min ▶
	↓ <10min>,<15min>,<30min>
← →	↓ WLAN DC ◀ 60 min ▶
Change cyclically	

[Description]

CEC TEST : The function for making the HDMI output terminal to output 1 kHz square wave. If the square wave is output, the CEC line is considered to be normal.

C

FAN TEST : The function for making the FAN to be forced to rotate.

D

E

F

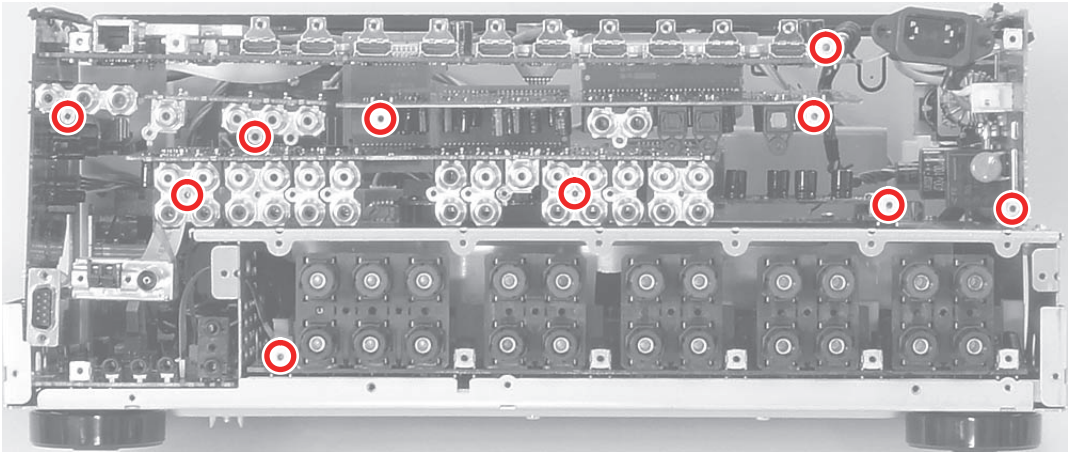
5

7. DISASSEMBLY

6

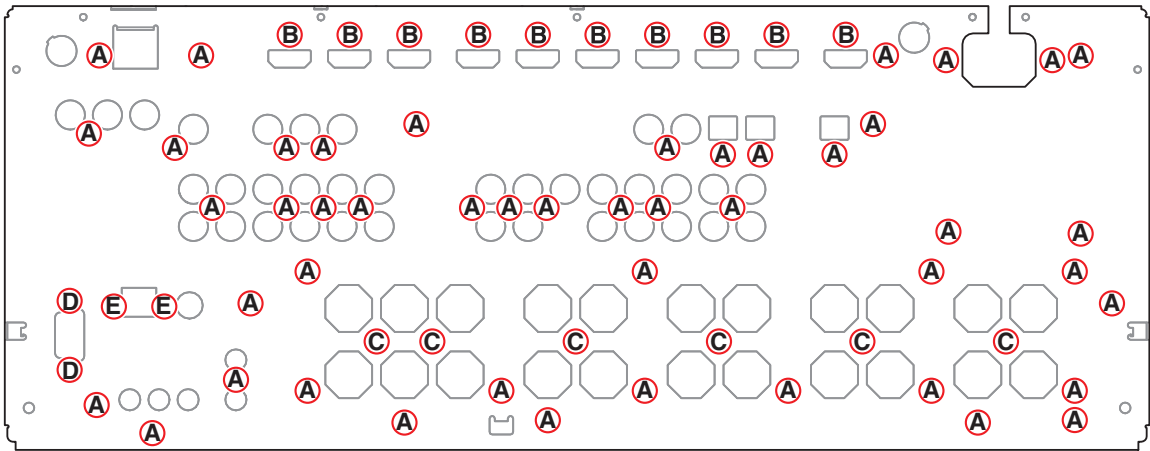
Ground Points

Note:
The points marked below must be grounded when the Rear Panel is removed.
Before turning the unit ON, be sure to ground the marked points with the Chassis /65. Or, you may short-circuit the ground points on the solder surface, using pieces of wire.



8

Screws for Rear Panel



Note :

- (1) Even if the unit shown in the photos and illustrations in this manual may differ from your product, the procedures described here are common.
- (2) For performing the diagnosis shown below, the following jigs for service is required.
- 15P FFC extension jig cable (GGD1680)
 - 29P board to board extension jig cable (GGD1856)
 - 5P board to board extension jig cable (GGD1857)
 - 5P PH Housing ASSY extension jig cable (GGD1594)
 - 4P PH Housing ASSY extension jig cable (GGD1809)
 - 24P board to board extension jig cable (GGD1871) x 2
 - 23P board to board extension jig cable (GGD1875)
 - 30P + 30P board to board extension jig cable (GGD1682)
 - 28P board to board extension jig cable (GGD1867)
 - 20P board to board extension jig cable (GGD1868)
- (3) **Before starting the diagnosis, wait for three minutes until the electricity of the unit is discharged.**

Disassembly**[1] Front Section**

Remove the Bonnet (Box) by removing the 18 screws.

Note on assembling as to the Bonnet (Box)

Tighten screw from the location *1 on the photo.

[1-1] Front Section

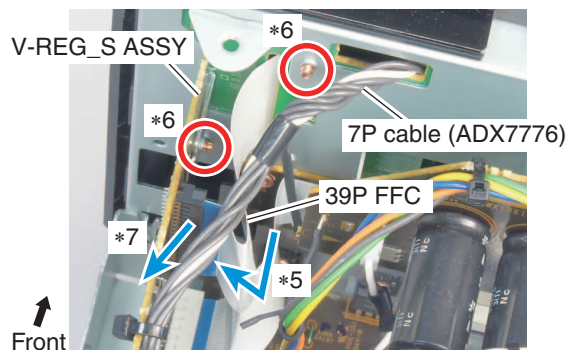
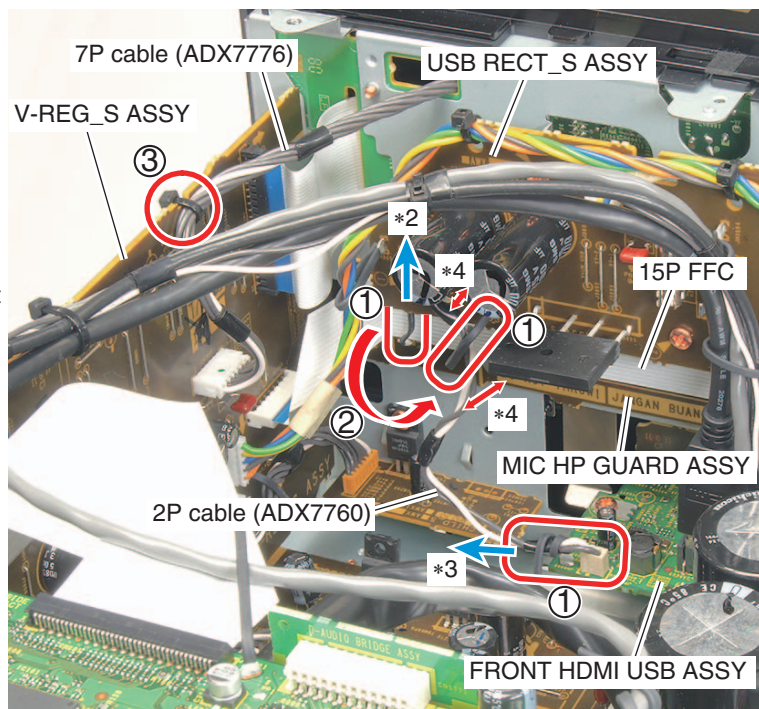
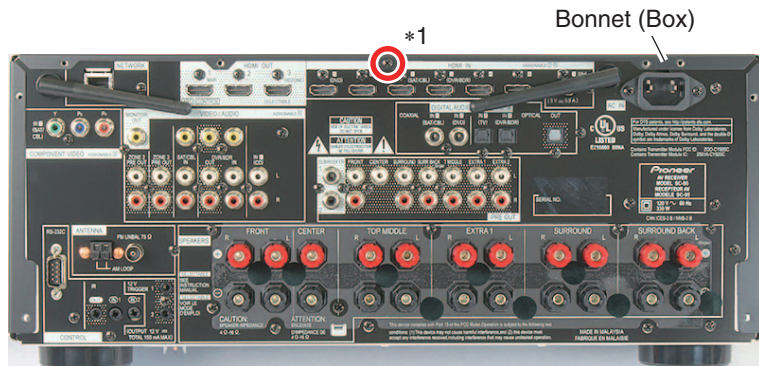
- (1) Release the cables from the three PCB binders.
- (2) Remove the 15P FFC (ADD7792) from the MIC HP GUARD ASSY and then move under the PCB binder.

Note: 15P FFC (ADD7792) is affixed with the Double Side Tape (10 x 110mm).

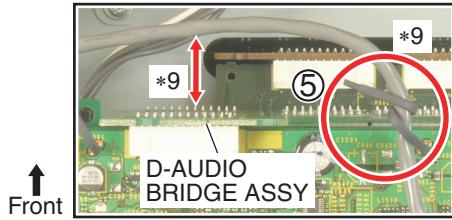
- (3) Cut the Binder.

Notes on assembling

- *2: PCB binder tilt in the direction of the blue arrow.
- *3: Twist the PCB binder around the 2P cable (ADX7760) and tilt in the direction of the blue arrow.
- *4: Doesn't touch the 2P cable (ADX7760) to the diode and capacitor.
- *5: Bend the 39P FFC (ADD7796).
- *6: Don't touch the cables to a top of screws.
- *7: Pull the 7P cable (ADX7776) to the direction of the blue arrow and then fix the Binder.

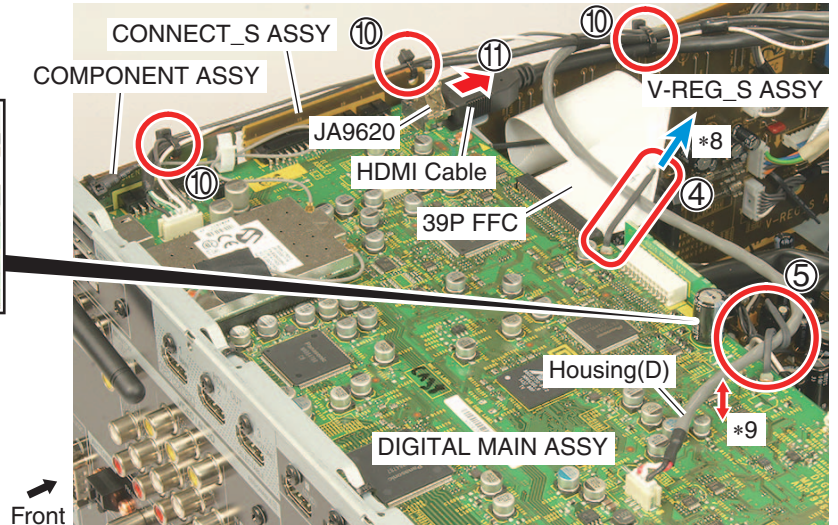


- (4) Release the cables from the PCB binder.
- (5) Release the Housing(D) (ADX7821) from the PCB binder.



Notes on assembling

- *8: PCB binder tilt in the direction of the blue arrow.
- *9: Twist the PCB binder around the Housing(D) (ADX7821), so that it doesn't touch to the DIGITAL MAIN ASSY, D-AUDIO BRIDGE ASSY and the Bonnet (Box).



- (6) Release the cables from the three PCB binders.

Notes on assembling

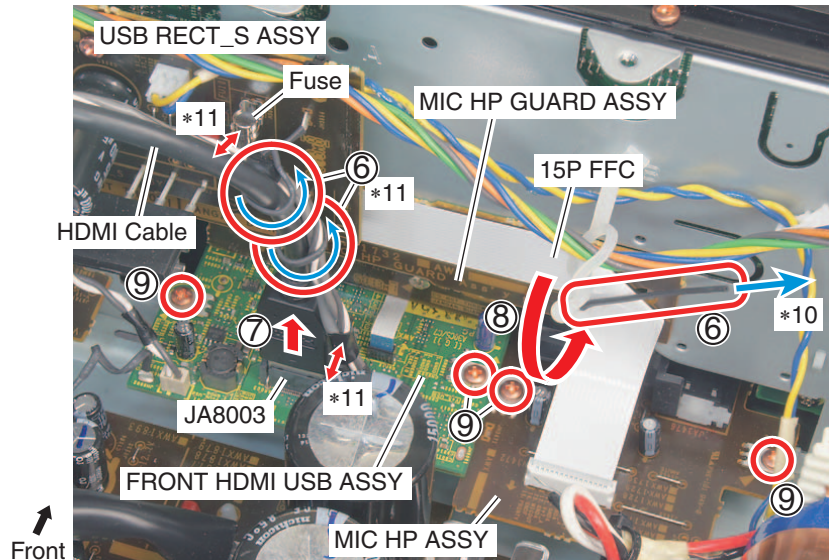
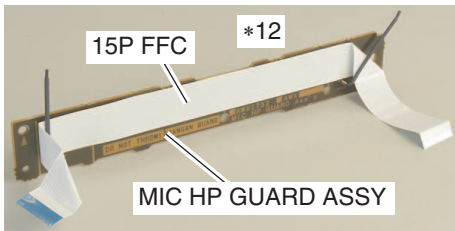
- *10: PCB binder tilt in the direction of the blue arrow.
- *11: Twist the PCB binders around the cables (direction of the blue arrow), so that they don't touch to the Fuse and the capacitor.

- (7) Disconnect the connector.
- (8) Remove the 15P FFC (ADD7792) from the MIC HP GUARD ASSY and then move under the PCB binder.

Note: 15P FFC (ADD7792) is affixed with the Double Side Tape (10 x 110mm).

Note on assembling

- *12: How to bend the 15P FFC (ADD7792).

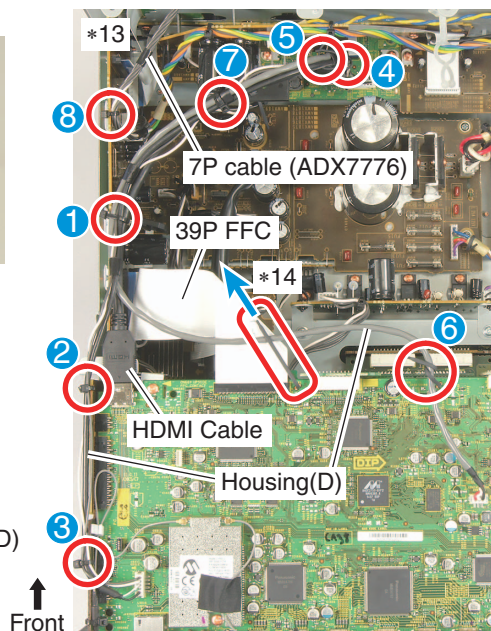


- (9) Remove the four screws. (BBZ30P060FCC)

- (10) Cut the three Binders.
- (11) Disconnect the connector.

Notes on assembling

- *13: Bind the HDMI Cable (ADX7732), Housing(D) (ADX7821) and the 7P cable (ADX7776) as numerical order of blue numbers.
- *14: PCB binder tilt in the direction of the blue arrow.



(12) Remove the two screws.

(SC-95/CUXJ : BBZ30P080FTB)
(SC-LX59-K/SYXJ8

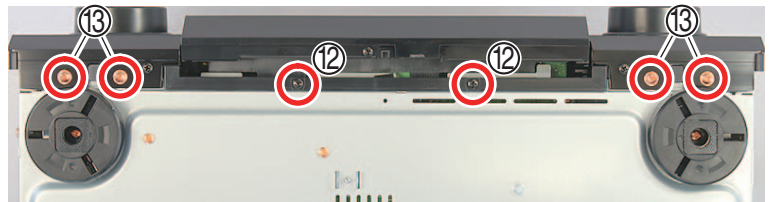
(SC-LX59-S/SYXJ8 : BBZ30P080FNI)

(13) Remove the four screws. (ABA1193)

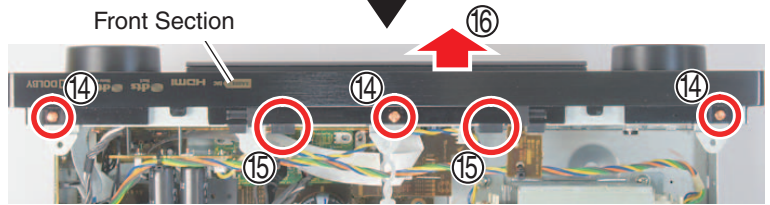
(14) Remove the three screws. (BBT30P080FCC)

(15) Unhook the two hooks.

(16) Remove the Front Section.



• Bottom View

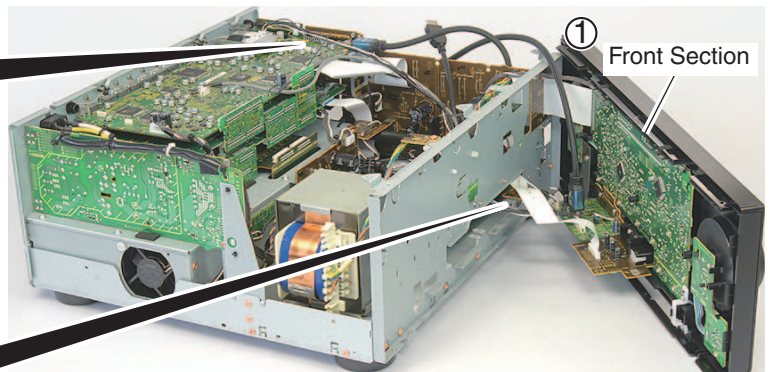
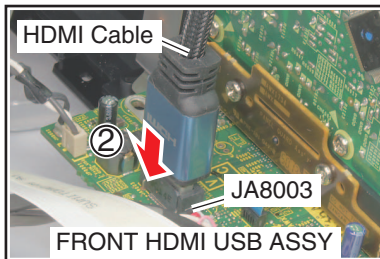
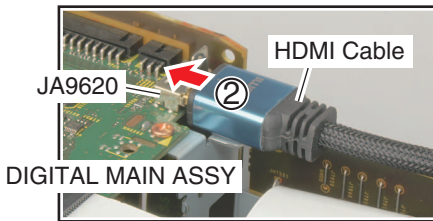


• Top View

[1-2] Diagnosis

(1) Arrange the unit as shown in the photo.

(2) Connect the another normal HDMI Cable to the DIGITAL MAIN ASSY and the FRONT HDMI USB ASSY.



Note: Always connect the HDMI Cable because the Wireless LED blinks, which causes a shutdown, if the power is turned on without the cable connected.

[2] Rear Section

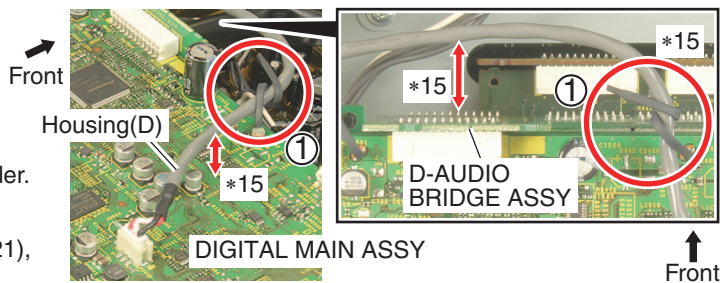
Remove the Bonnet (Box) by removing the 18 screws.

[2-1] Rear Section

(1) Release the Housing(D) (ADX7821) from the PCB binder.

Note on assembling

*15: Twist the PCB binder around the Housing(D) (ADX7821), so that it doesn't touch to the DIGITAL MAIN ASSY, D-AUDIO BRIDGE ASSY and the Bonnet (Box).



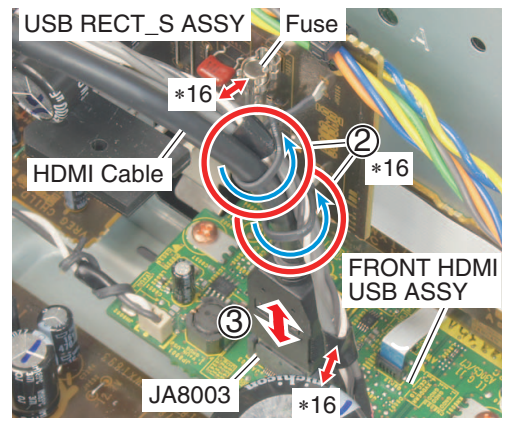
(2) Release the cables from the two PCB binders.

Note on assembling

*16: Twist the PCB binders around the cables (direction of the blue arrow), so that they don't touch to the Fuse and the capacitor.

(3) Remove the HDMI Cable (ADX7732) by disconnect the connector, and then connect the another normal HDMI Cable.

Note: Don't connect the HDMI Cable (ADX7732) provided with the product to prevent damage to the HDMI connector for the DIGITAL MAIN ASSY. Instead, use the another normal HDMI Cable to prevent a load from being applied to the HDMI connector. Always connect the HDMI Cable because the Wireless LED blinks, which causes a shutdown, if the power is turned on without the cable connected.

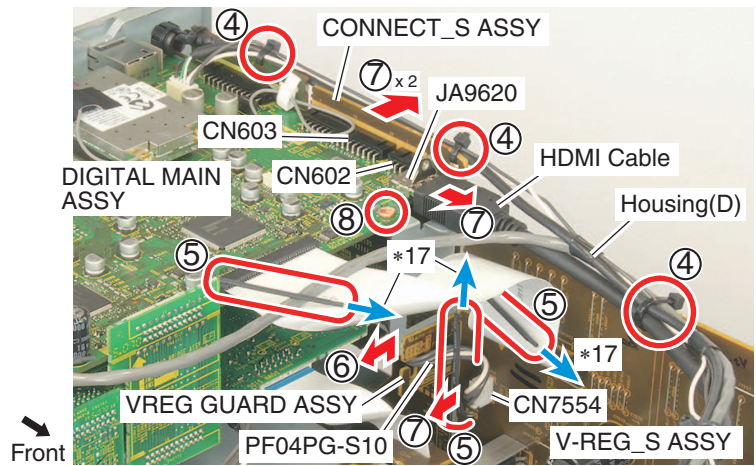


- (4) Cut the three Binders.
- (5) Release the cables from the three PCB binders.

Note on assembling

*17: PCB binders tilt in the direction of the blue arrow.

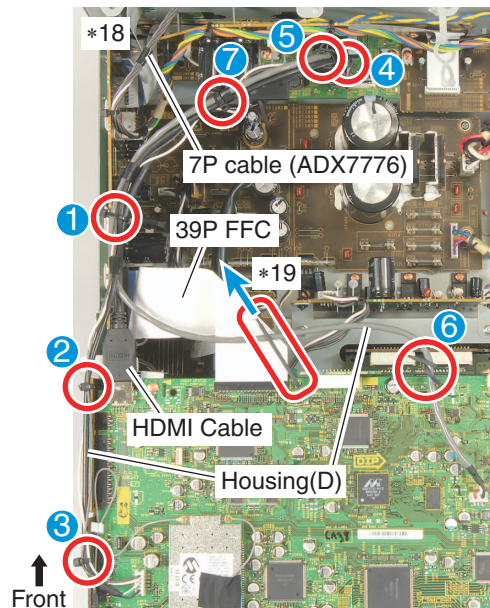
- (6) Release the cable (PF04PG-S10) from hook of the VREG GUARD ASSY.
- (7) Disconnect the four connectors.
- (8) Remove the screw. (BBZ30P060FCC)



Notes on assembling

*18: Bind the HDMI Cable (ADX7732) and the Housing(D) (ADX7821) as numerical order of blue numbers.

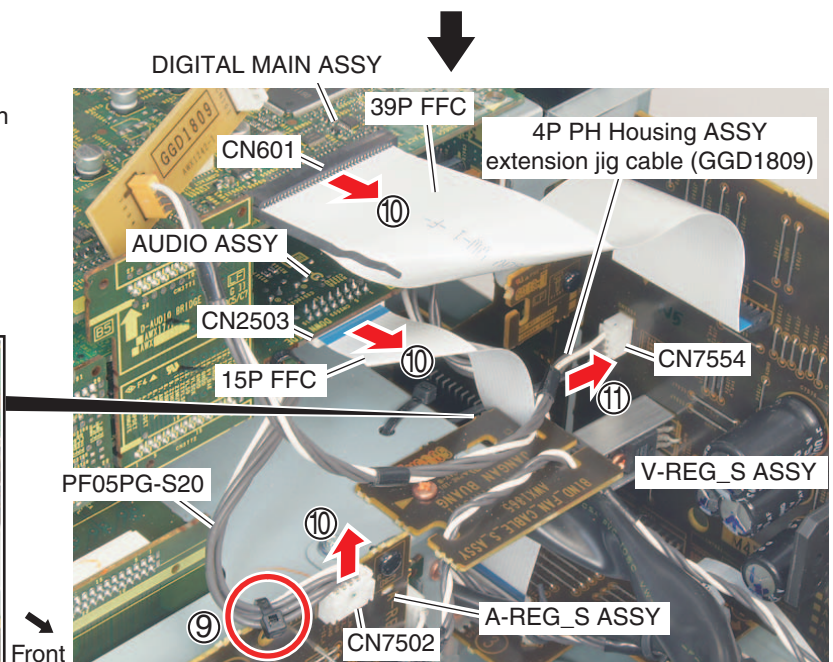
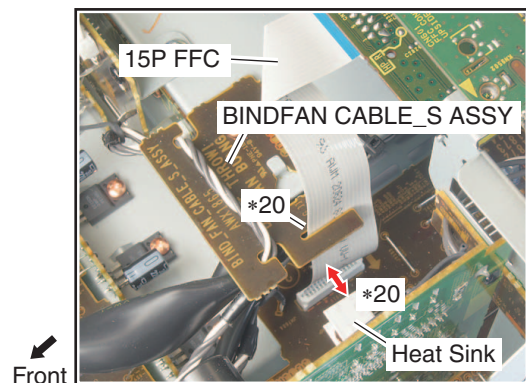
*19: PCB binder tilt in the direction of the blue arrow.



- (9) Cut the Binder.
- (10) Disconnect the three connectors.
- (11) Connect the 4P PH Housing ASSY extension jig cable. (GGD1809)

Note on assembling

*20: 15P FFC (ADD7790) pass to the slit of the BINDFAN CABLE_S ASSY, so that it doesn't touch to the other cables and the Heat Sink.



(12) Release the 7P cable (ADX7812) from the PCB binder.

(13) Remove the PRE BRIDGE_S ASSY.

Note on assembling

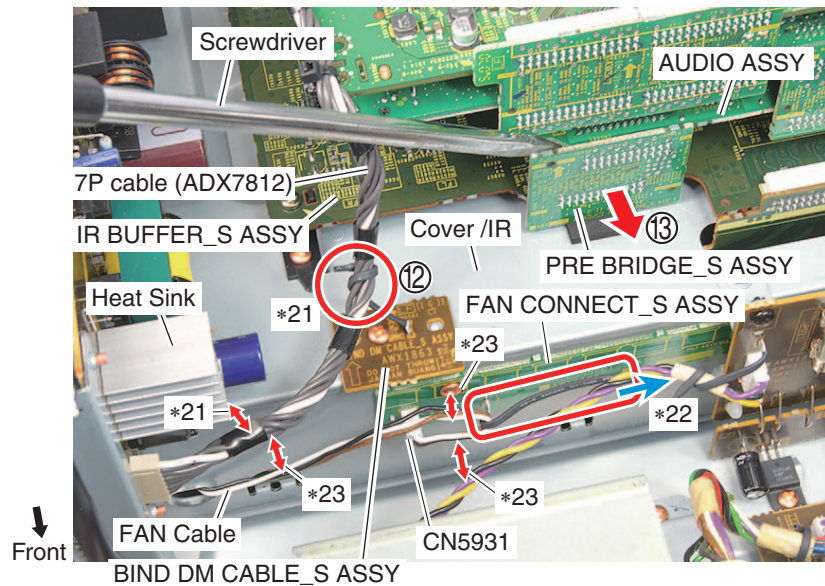
*21: Twist the PCB binder around the 7P cable (ADX7812), so that it doesn't touch to the Heat Sink, capacitor and the Cover /IR.

Note: When diagnosing, it is not necessary to connect FAN Cable (FAN CONNECT_S ASSY: CN5931).

Notes on assembling

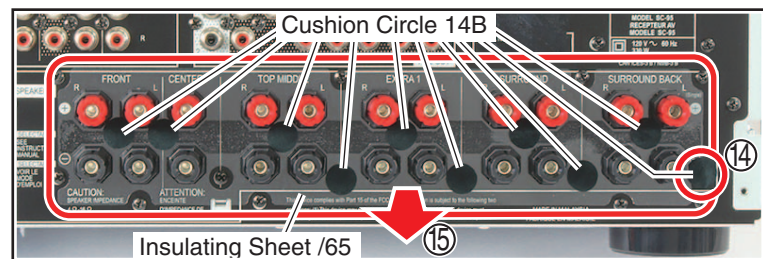
*22: PCB binder tilt in the direction of the blue arrow.

*23: Doesn't touch the FAN Cable to the other cables and screws.



(14) Remove the Cushion Circle 14B.

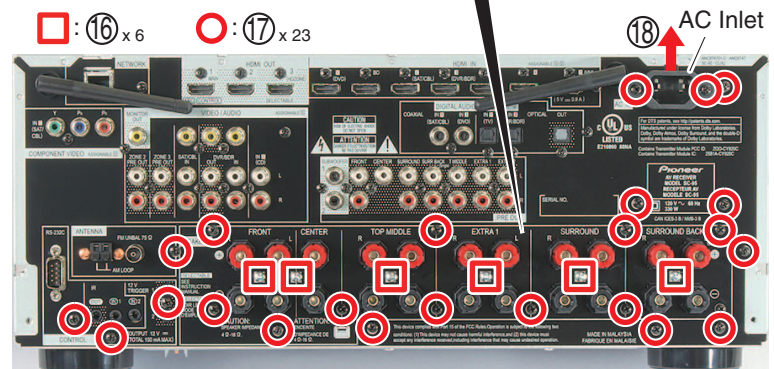
(15) Remove the Insulating Sheet /65 (with the nine Cushion Circle 14Bs).



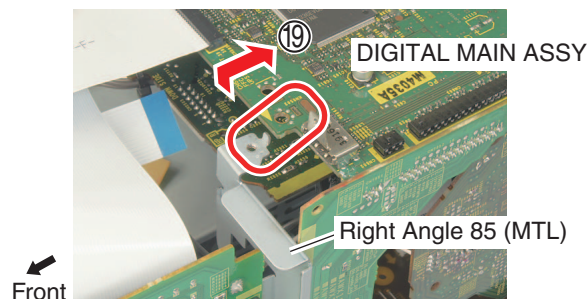
(16) Remove the six screws. (BPZ30P100FTC)

(17) Remove the 23 screws. (BBZ30P080FTB)

(18) Remove the AC Inlet.

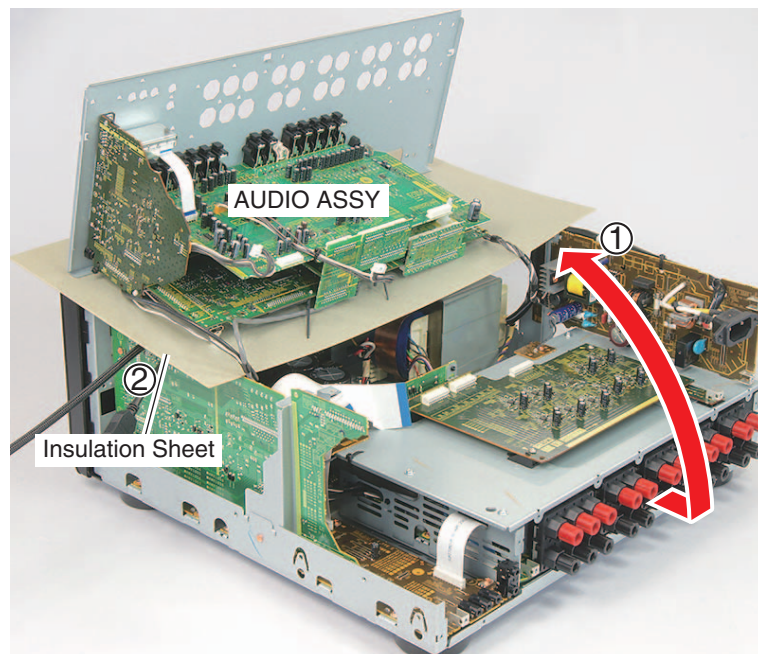


(19) Unhook the hook.

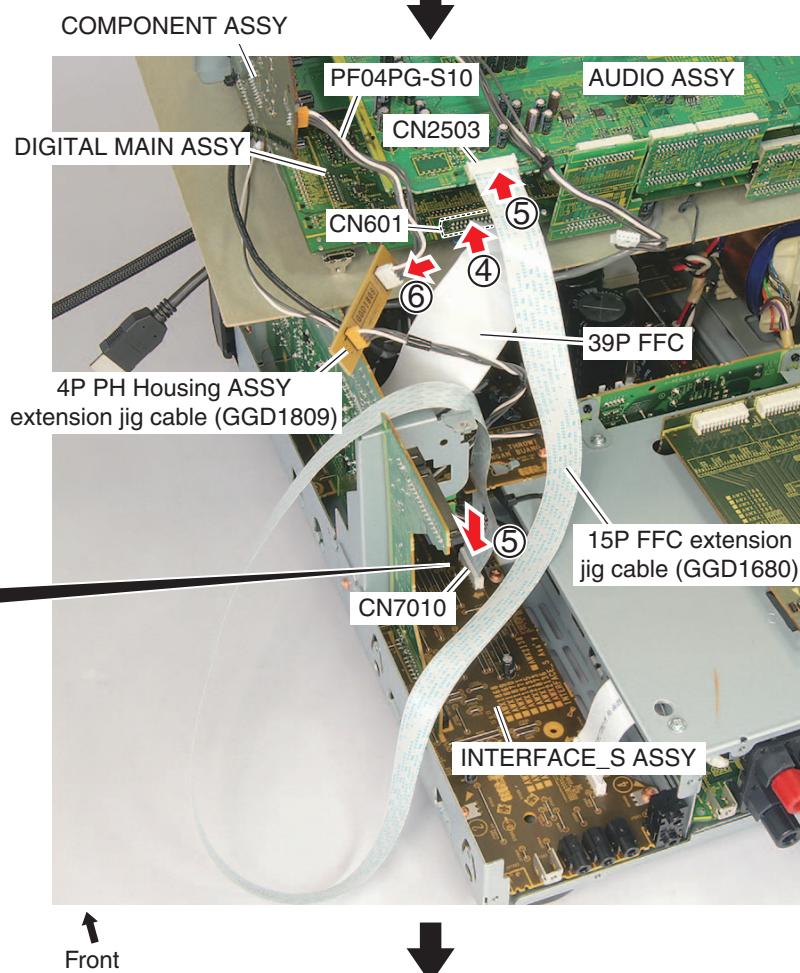
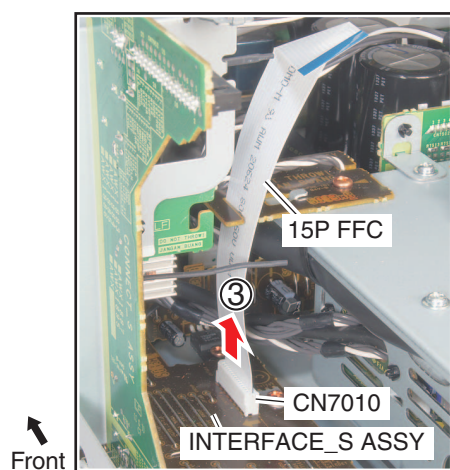


[2-2] Diagnosis

- (1) Arrange the unit as shown in the photo.
- (2) Insert the Insulation Sheet.



- (3) Remove the 15P FFC (ADD7790) by disconnect the connector.
- (4) Connect the connector.
- (5) Connect the 15P FFC extension jig cable. (GGD1680) (INTERFACE_S CN7010 <-> AUDIO CN2503)
- (6) Connect the 4P PH Housing ASSY extension jig cable. (GGD1809) (V-REG_S CN7554 <-> COMPONENT PF04PG-S10)

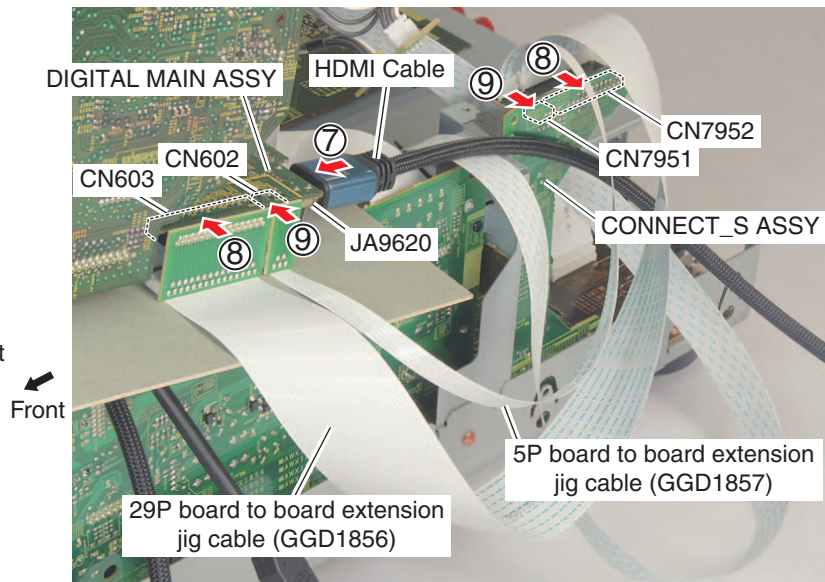


- (7) Connect the another normal HDMI Cable from the FRONT HDMI USB ASSY.

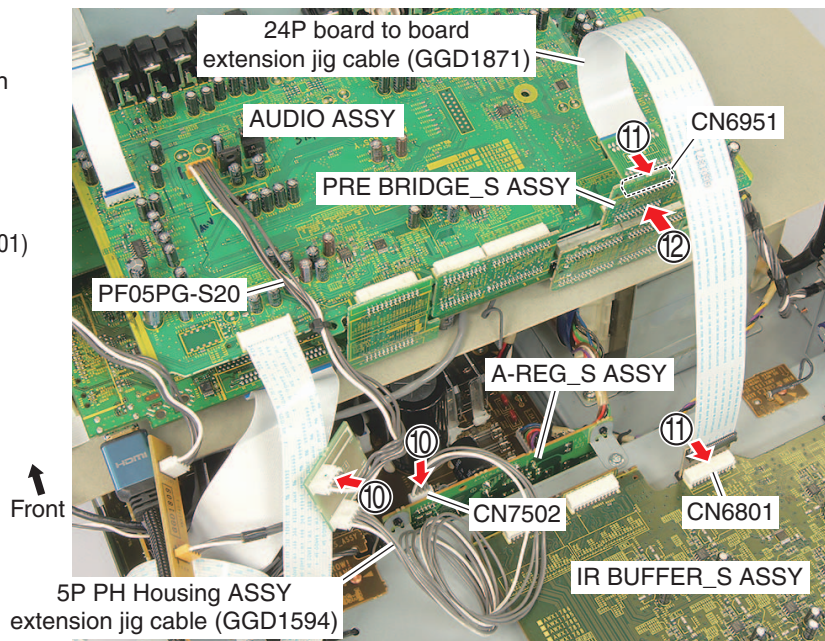
A **Note:** Don't connect the HDMI Cable (ADX7732) provided with the product to prevent damage to the HDMI connector. Instead, use the another normal HDMI Cable to prevent a load from being applied to the HDMI connector.

Always connect the HDMI Cable because the Wireless LED blinks, which causes a shutdown, if the power is turned on without the cable connected.

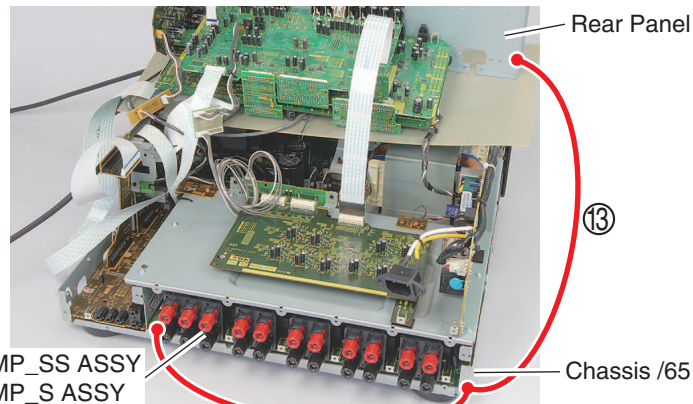
- B (8) Connect the 29P board to board extension jig cable. (GGD1856)
(DIGITAL MAIN CN603 <-> CONNECT_S CN7952)
- (9) Connect the 5P board to board extension jig cable. (GGD1857)
(DIGITAL MAIN CN602 <-> CONNECT_S CN7951)



- C (10) Connect the 5P PH Housing ASSY extension jig cable. (GGD1594)
(A-REG_S CN7502 <-> AUDIO PF05PG-S20)
- (11) Connect the 24P board to board extension jig cable. (GGD1871)
(PRE BRIDGE_S CN6951 <-> IR BUFFER_S CN6801)
- (12) Attach the PRE BRIDGE_S ASSY to the AUDIO ASSY.



- D (13) Connect the Rear Panel to the Chassis /65 Ground and GND point of the D AMP_SS ASSY or D AMP_S ASSY. (Refer to the "Ground Points" for the GND point of the D AMP_SS ASSY or D AMP_S ASSY.)



SC-95/CUXJ: D AMP_SS ASSY
SC-LX59-K/SYXJ8: D AMP_S ASSY
SC-LX59-S/SYXJ8

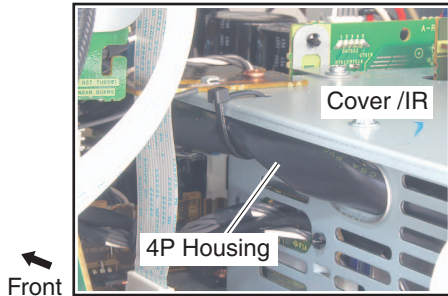
[3] D AMP_SS ASSY or D AMP_S ASSY

Remove the Rear Section.

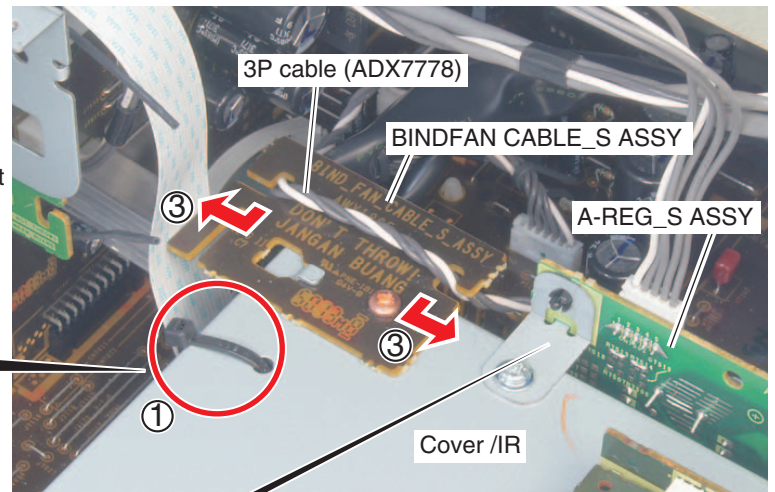
(Refer to the “[2-1] Rear Section” and the step (1) to (10) of “[2-2] Diagnosis”.)

[3-1] Remove the Cover /IR

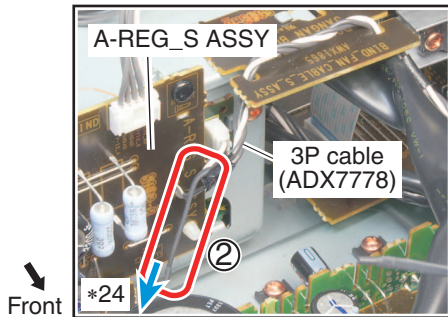
(1) Cut the Binder.



Front



(2) Release the 3P cable (ADX7778) from the PCB binder.



Front

Note on assembling

*24: PCB binder tilt in the direction of the blue arrow.

(3) Release the 3P cable (ADX7778) from two hooks of the BINFAN CABLE_S ASSY.

(4) Remove the Acetate Tape.

(5) Remove the two screws. (BSZ30P060FCC)

(6) Remove the PRIMARY ASSY

(7) Remove the two screws. (BPZ30P080FNI)

(8) Disconnect the two connectors and then remove the IR BUFFER_S ASSY (with the BUFFER GND ASSY).

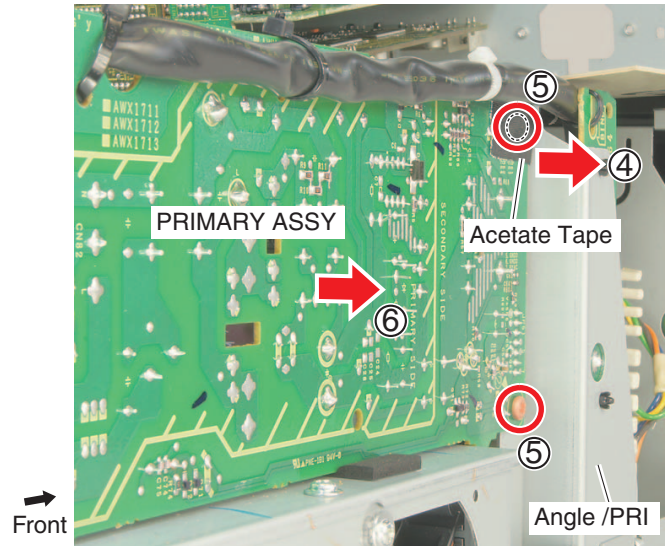
(9) Remove the seven screws. (AMZ30P060FTC)

(10) Remove the two Nylon Rivets (AEC7406) and the two Angle /REGs.

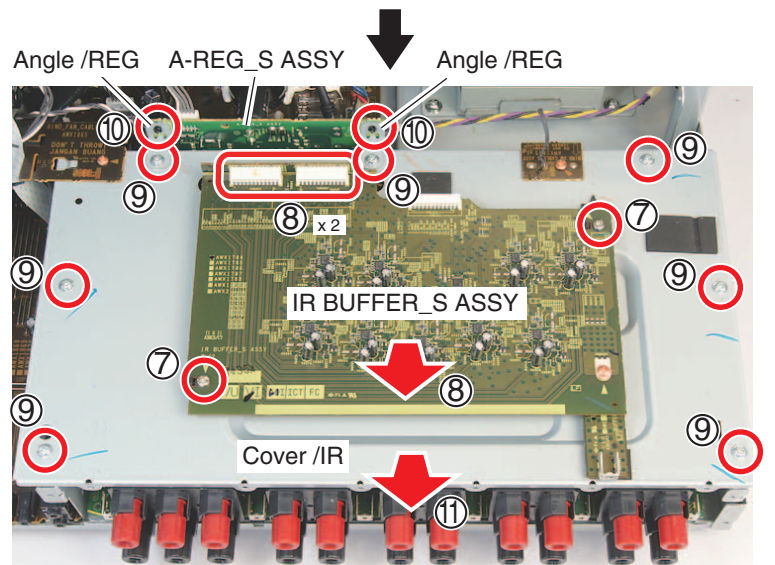
(11) Remove the Cover /IR.

Note on assembling :

To attach the Cover /IR and the IR BUFFER_S ASSY in the correct position, refer to the “[2] Attach the Cover /IR and the IR BUFFER_S ASSY” of “Assembling of Digital Amplifier Block”.



Front



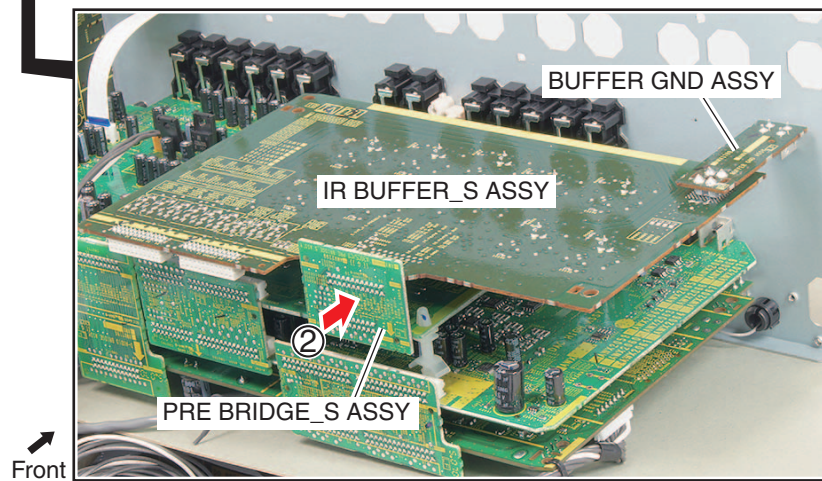
[3-2] Diagnosis

- (1) Temporarily attach the BUFFER GND ASSY (with the IR BUFFER_S ASSY) to the Rear Panel, using the screw. (BBZ30P080FTB)

Rear Panel

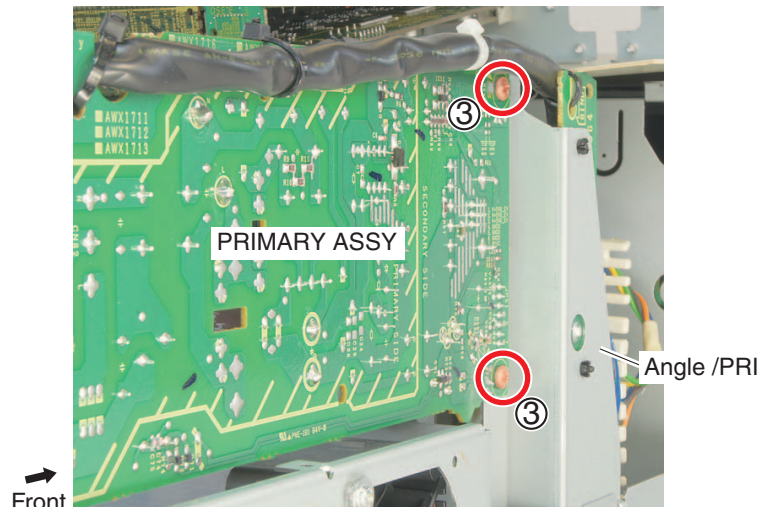


- (2) Attach the PRE BRIDGE_S ASSY.



Front

- (3) Attach the PRIMARY ASSY, using the two screws. (BSZ30P060FCC)



Front

- Front

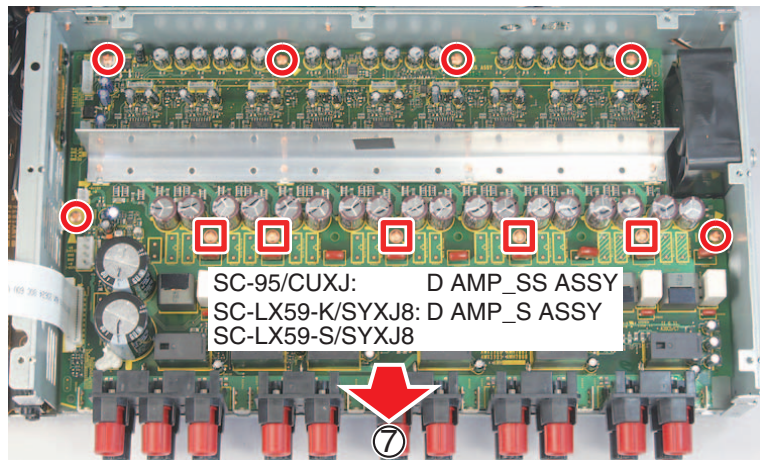


- Front

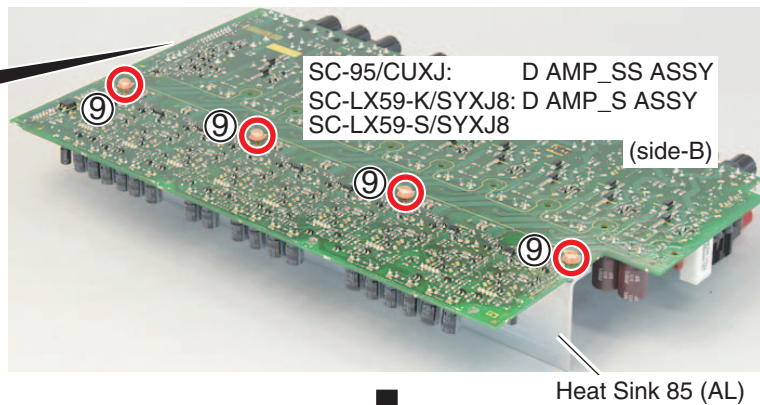
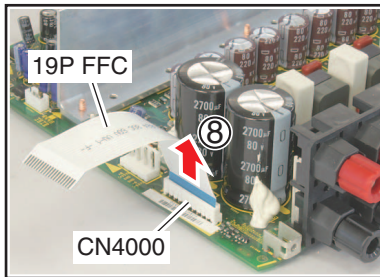


- (5) Remove the six screws. (BBZ30P060FCC)
 (6) Remove the five screws. (IBZ30P150FCC)
 (7) Remove the D AMP_SS ASSY or D AMP_S ASSY.

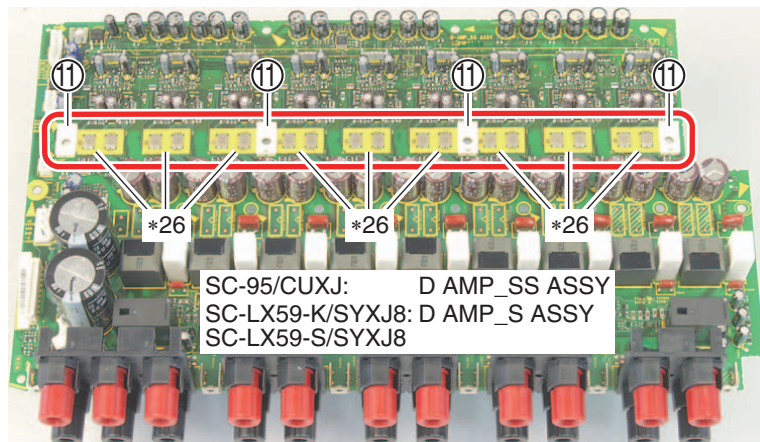
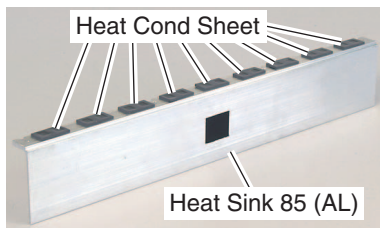
○: ⑤ x 6 □: ⑥ x 5



- (8) Remove the 19P FFC (ADD7795) by disconnect the connector.



- (9) Remove the four screws. (ABA1052)
 (10) Remove the Heat Sink 85 (AL) and the nine Heat Cond Sheets with side-A of the D AMP_SS ASSY or D AMP_S ASSY facing upward.



Note on assembling

*26: When you exchange the Heat Cond Sheets, attach the new Heat Cond Sheets into the yellow marks of the D AMP_SS ASSY or D AMP_S ASSY.

- (11) Remove the four Heat Sink Spacer (PLS)s.

Note on assembling :

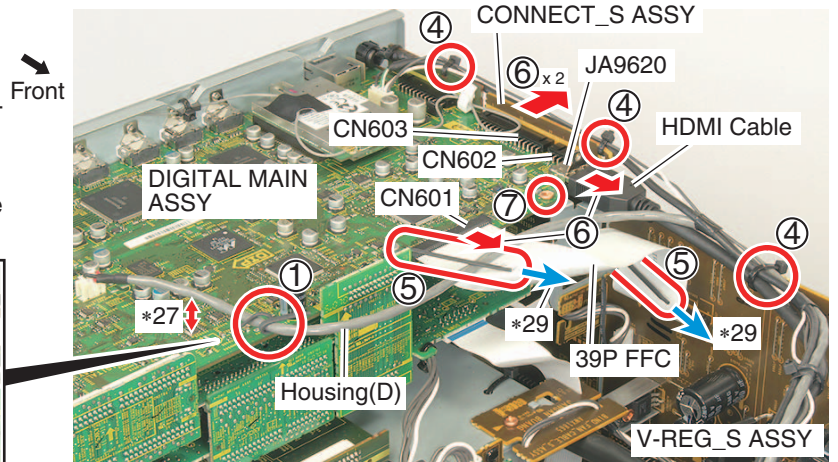
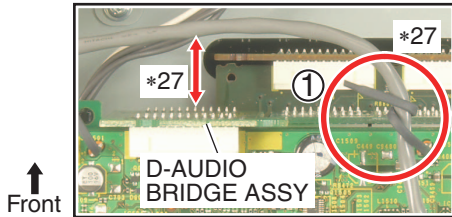
To attach the D AMP_SS ASSY or D AMP_S ASSY in the correct position, refer to the "[1] Attach the D AMP_SS ASSY or D AMP_S ASSY" of "Assembling of Digital Amplifier Block".

[4] DIGITAL MAIN ASSY and DAC HIGH ASSY

Remove the Bonnet (Box) by removing the 18 screws.

[4-1] DIGITAL MAIN ASSY and DAC HIGH ASSY

- (1) Release the Housing(D) (ADX7821) from the PCB binder.



Note on assembling

*27: Twist the PCB binder around the Housing(D) (ADX7821) so that it doesn't touch to the DIGITAL MAIN ASSY, D-AUDIO BRIDGE ASSY and the Bonnet (Box).

- (2) Release the cables from the two PCB binders.

Note on assembling

*28: Twist the PCB binders around the cables (direction of the blue arrow), so that they don't touch to the Fuse and the capacitor.

- (3) Remove the HDMI Cable (ADX7732) by disconnect the connector, and then connect the another normal HDMI Cable.

Note: Don't connect the HDMI Cable (ADX7732) provided with the product to prevent damage to the HDMI connector for the DIGITAL MAIN ASSY. Instead, use the another normal HDMI Cable to prevent a load from being applied to the HDMI connector.
Always connect the HDMI Cable because the Wireless LED blinks, which causes a shutdown, if the power is turned on without the cable connected.

- (4) Cut the three Binders.
- (5) Release the cable from the two PCB binders.

Note on assembling

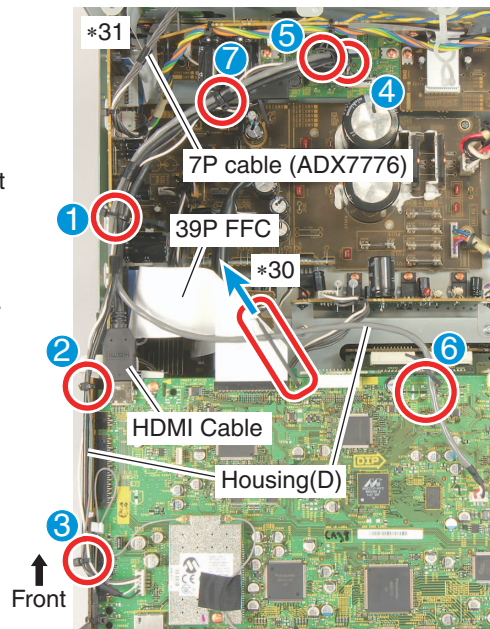
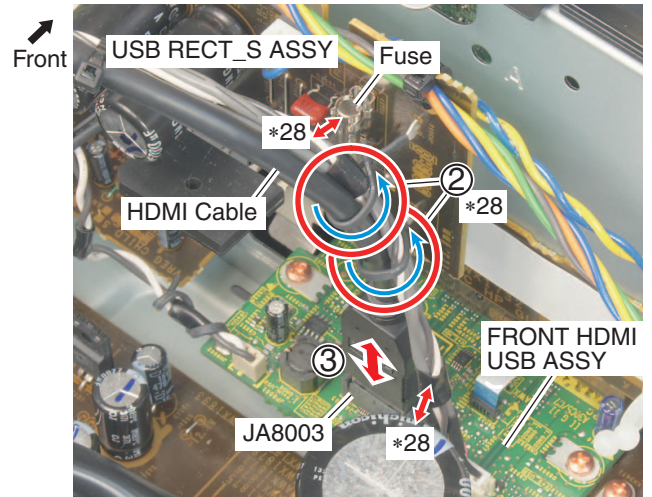
*29: PCB binders tilt in the direction of the blue arrow.

- (6) Disconnect the four connectors.
- (7) Remove the screw. (BBZ30P060FCC)

Notes on assembling

*30: PCB binder tilt in the direction of the blue arrow.

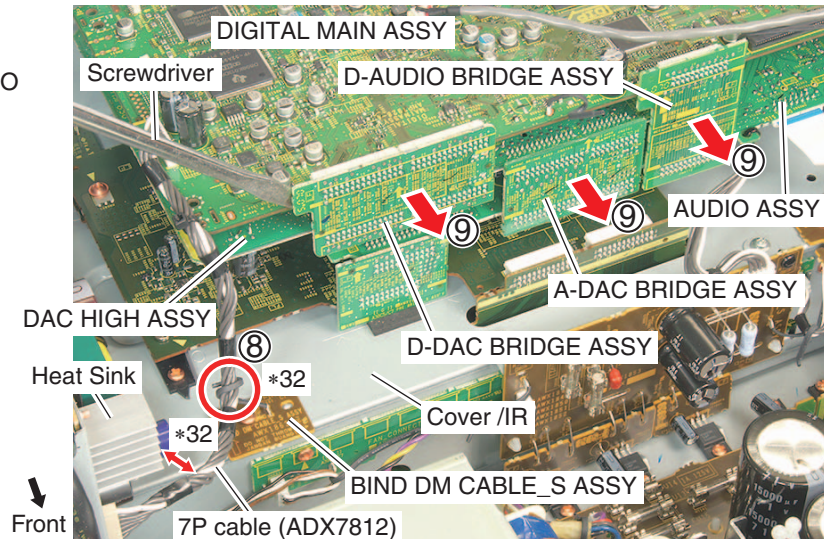
*31: Bind the HDMI Cable (ADX7732) and the Housing(D) (ADX7821) as numerical order of blue numbers.



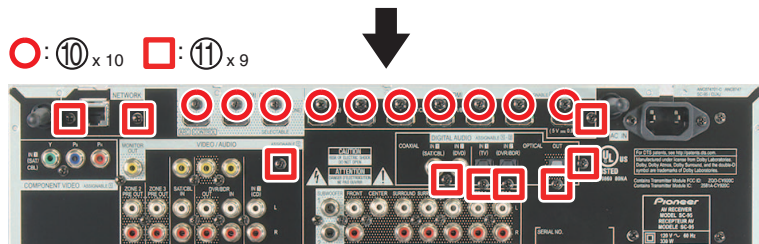
- (8) Release the 7P cable (ADX7812) from the PCB binder.
- (9) Remove the D-DAC BRIDGE ASSY, D-AUDIO BRIDGE ASSY and A-DAC BRIDGE ASSY.

Note on assembling

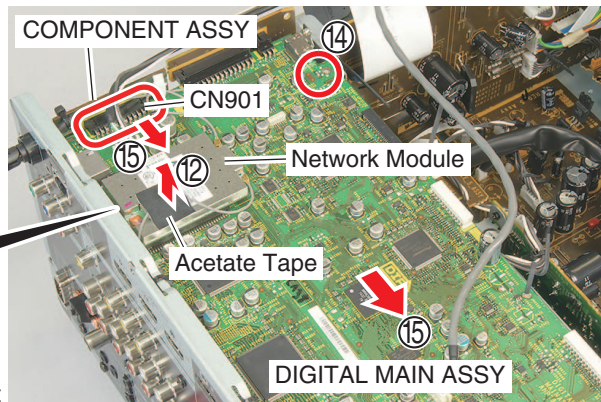
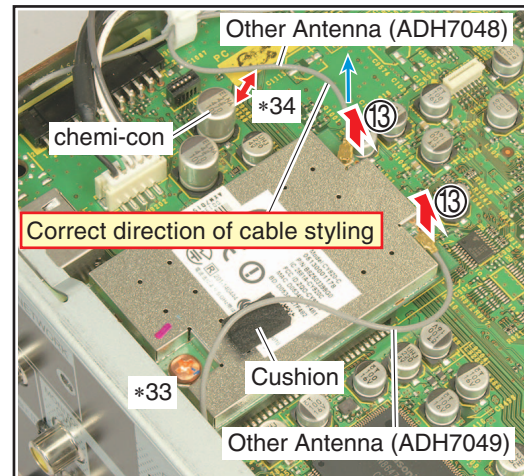
*32: Twist the PCB binder around the 7P cable (ADX7812), so that it doesn't touch to the Heat Sink, capacitor and the Cover /IR.



- (10) Remove the ten screws. (BMZ30P040FTB)
- (11) Remove the nine screws. (BBZ30P080FTB)



- (12) Remove the Acetate Tape.
- (13) Disconnect the two connectors.
- (14) Unhook the hook.
- (15) Disconnect the connector and then remove the DIGITAL MAIN ASSY (with the Network Module).



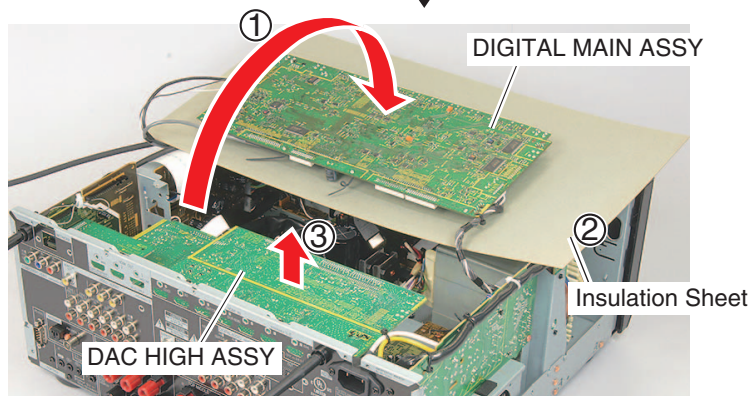
Notes on assembling

*33: Lay the Other Antenna (ADH7049) on the Cushion and then affix the Acetate Tape over them.

*34: Other Antenna (ADH7048) doesn't touch to the chemi-con.

[4-2] Diagnosis

- (1) Arrange the DIGITAL MAIN ASSY as shown in the photo.
- (2) Insert the Insulation Sheet.
- (3) Remove the DAC HIGH ASSY.



- (4) Connect the connector.
- (5) Connect the another normal HDMI Cable from the FRONT HDMI USB ASSY.

Note: Don't connect the HDMI Cable (ADX7732) provided with the product to prevent damage to the HDMI connector. Instead, use the another normal HDMI Cable to prevent a load from being applied to the HDMI connector.
Always connect the HDMI Cable because the Wireless LED blinks, which causes a shutdown, if the power is turned on without the cable connected.

- (6) Connect the 29P board to board extension jig cable. (GGD1856)
(DIGITAL MAIN CN603 <-> CONNECT_S CN7952)
- (7) Connect the 5P board to board extension jig cable. (GGD1857)
(DIGITAL MAIN CN602 <-> CONNECT_S CN7951)
- (8) Connect the 23P board to board extension jig cable. (GGD1875)
(DIGITAL MAIN CN901 <-> COMPONENT CN8301)

- (9) Connect the 24P board to board extension jig cable (GGD1871) to the D-AUDIO BRIDGE ASSY.
- (10) Connect the 28P board to board extension jig cable (GGD1867) and the 20P board to board extension jig cable (GGD1868) to the A-DAC BRIDGE ASSY.

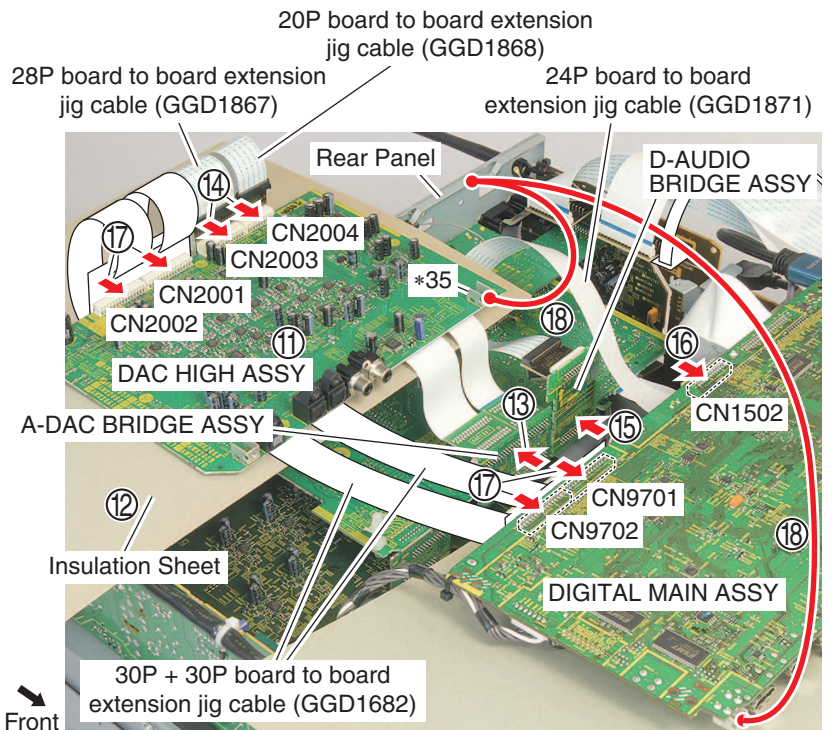
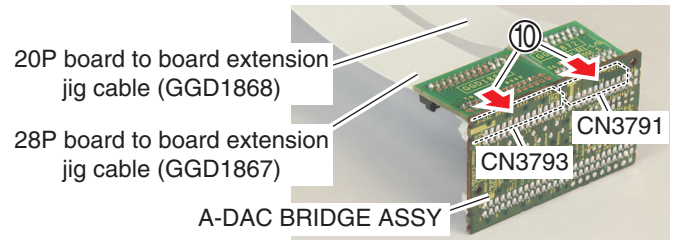
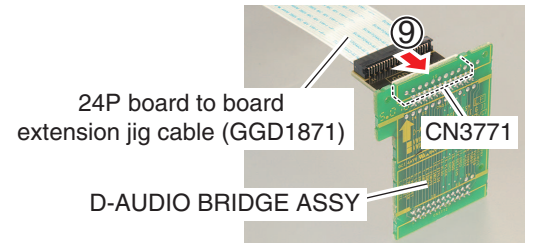
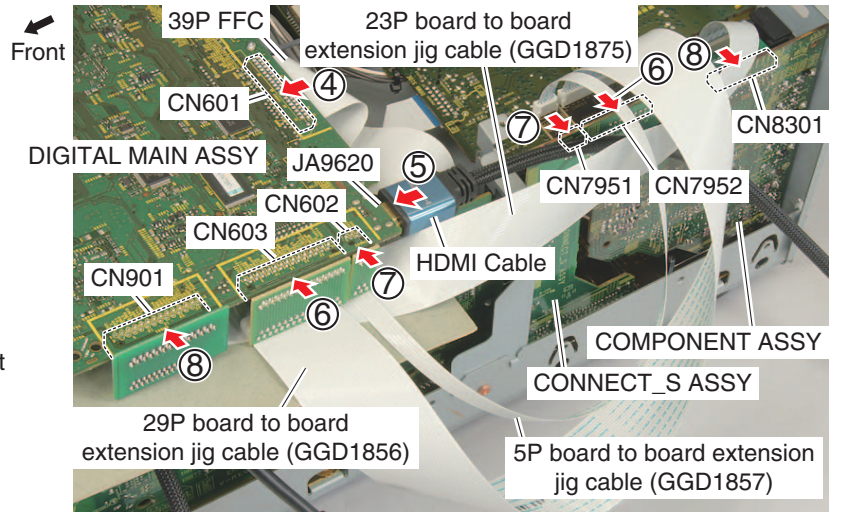
- (11) Arrange the DAC HIGH ASSY as shown in the photo.
- (12) Insert the Insulation Sheet.
- (13) Attach the A-DAC BRIDGE ASSY to the AUDIO ASSY.
- (14) Connect the 28P board to board extension jig cable (GGD1867) and the 20P board to board extension jig cable (GGD1868) to the DAC HIGH ASSY.
(A-DAC BRIDGE CN3793 <-> DAC HIGH CN2003)
(A-DAC BRIDGE CN3791 <-> DAC HIGH CN2004)
- (15) Attach the D-AUDIO BRIDGE ASSY to the AUDIO ASSY.

- (16) Connect the 24P board to board extension jig cable (GGD1871) to the DIGITAL MAIN ASSY.
(D-AUDIO BRIDGE CN3771 <-> DIGITAL MAIN CN1502)

- (17) Connect the 30P + 30P board to board extension jig cable. (GGD1682)
(DAC HIGH CN2001 <-> DIGITAL MAIN CN9701)
(DAC HIGH CN2002 <-> DIGITAL MAIN CN9702)
- (18) Connect the DIGITAL MAIN ASSY and DAC HIGH ASSY to the Rear Panel Ground.
(Refer to the "Ground points.")

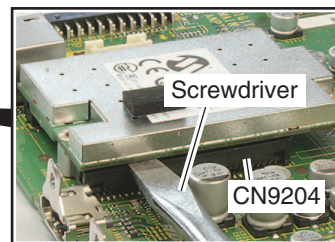
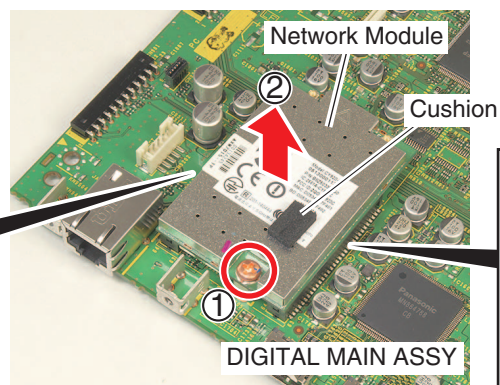
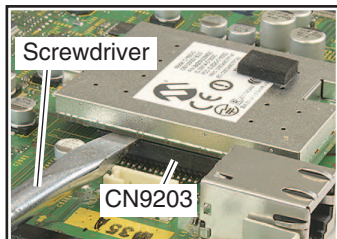
Note

*35: Ground this bracket (DAC HIGH ASSY) and Rear Panel surely. (Sound of all channels is not output if this part is not connected)



[4-3] Network Module

- (1) Remove the screw. (BSZ30P060FCC)
- (2) Disconnect the two connectors, using the Large Screwdriver and then remove the Network Module.

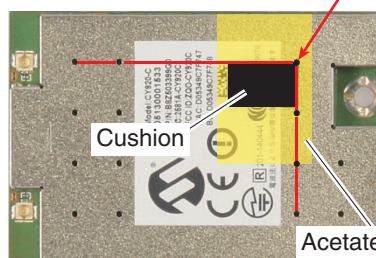


Note: Replace the Cushion to new one if it is damaged.

After attached the Network Module to the DIGITAL MAIN ASSY, attach the Other Antennas to the Network Module surely.

Network Module

Cushion pasting position



• Top View

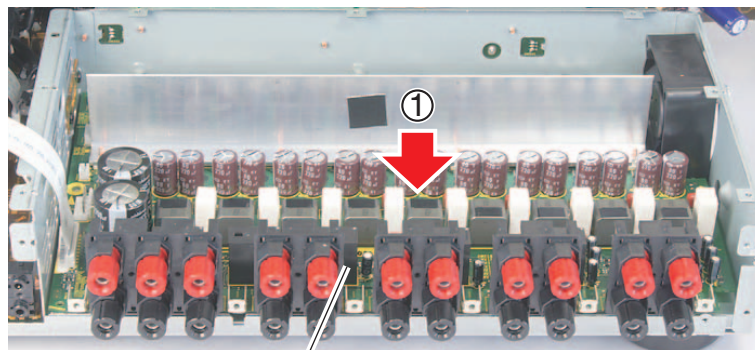
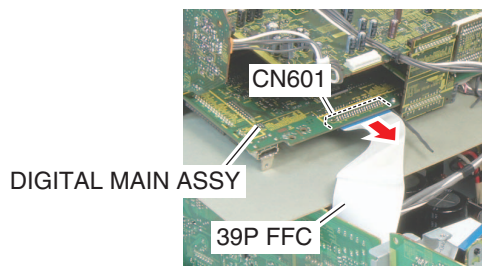
Assembling of Digital Amplifier Block

Note : The attachment positioning of the Digital Amplifier Block relates to sound quality of the unit. If assembling Digital Amplifier Block by wrong steps, sound quality would deteriorate. Therefore assemble it correctly following the procedure shown below.

[1] Attach the D AMP_SS ASSY or D AMP_S ASSY

- (1) Allocate the D AMP_SS ASSY or D AMP_S ASSY attached with the Heat Cond Sheet, Heat Sink Spacer (PLS), Heat Sink 85 (AL) and 19P FFC (ADD7795). Don't fix it with screws.

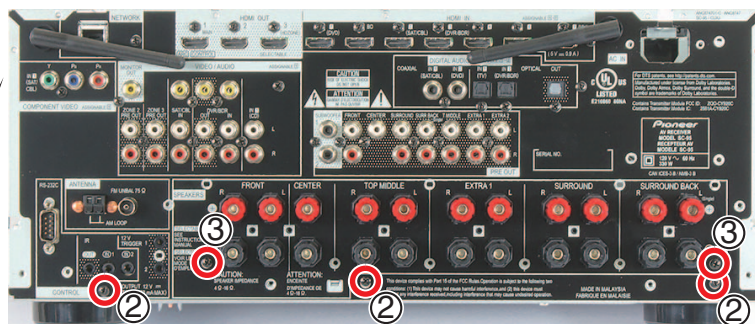
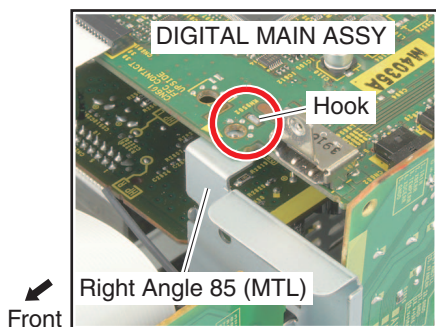
Note: If the 39P FFC (ADD7787) is connected, disconnect the connector. (For prevention of damage of the 39P FFC.)



SC-95/CUXJ: D AMP_SS ASSY
SC-LX59-K/SYXJ8: D AMP_S ASSY
SC-LX59-S/SYXJ8

- (2) Temporarily attach the Rear Panel (with other ASSY) to the Chassis /65, using the three screws. (BBZ30P080FTB)

Note: Fix the DIGITAL MAIN ASSY to the Hook of the Right Angle 85 (MTL).



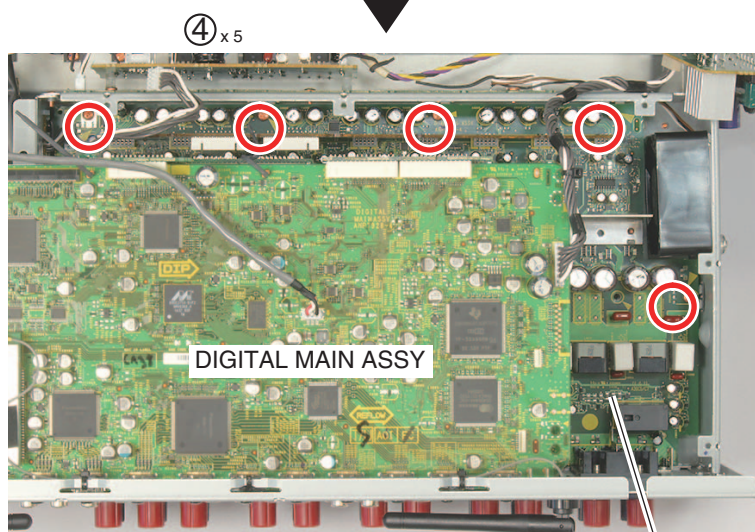
- (3) Temporarily attach the D AMP_SS ASSY or D AMP_S ASSY to the Rear Panel, using the two screws. (BBZ30P080FTB)

- (4) Attach the D AMP_SS ASSY or D AMP_S ASSY, using the five screws. (BBZ30P060FCC)

- (5) Remove the five screws temporarily fixed in accordance with step (2) and (3). (BBZ30P080FTB)

- (6) Remove the Rear Panel (with other ASSY).

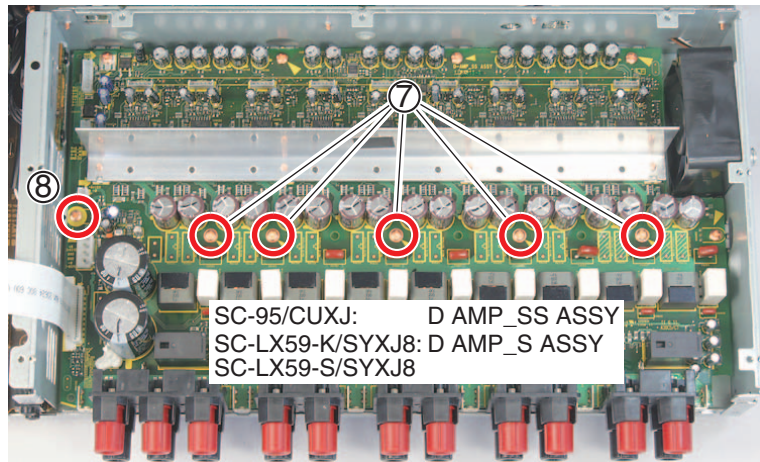
Front



SC-95/CUXJ: D AMP_SS ASSY
SC-LX59-K/SYXJ8: D AMP_S ASSY
SC-LX59-S/SYXJ8

- (7) Attach the five screws. (IBZ30P150FCC)
 (8) Attach the screw. (BBZ30P060FCC)

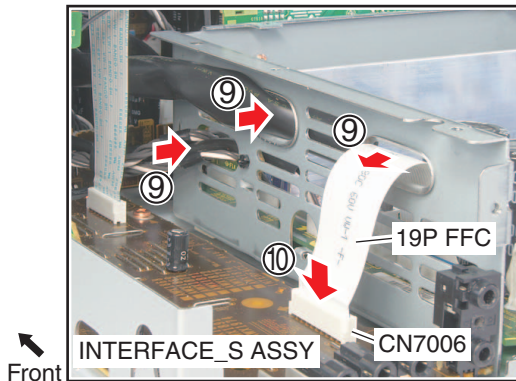
A



B

- (9) Put the cables through the holes.
 (10) Connect the five connectors.

C



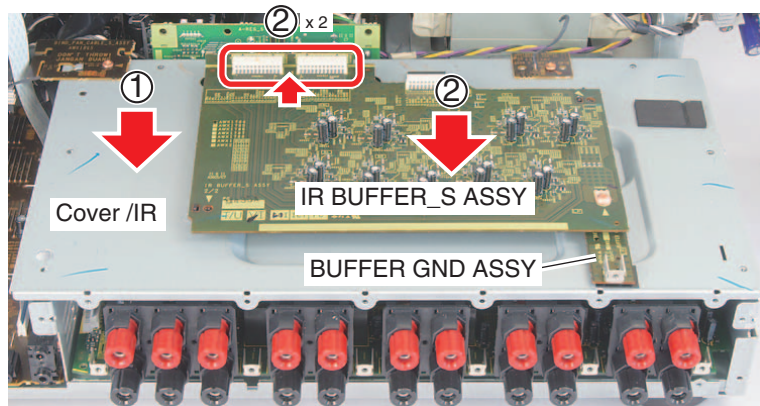
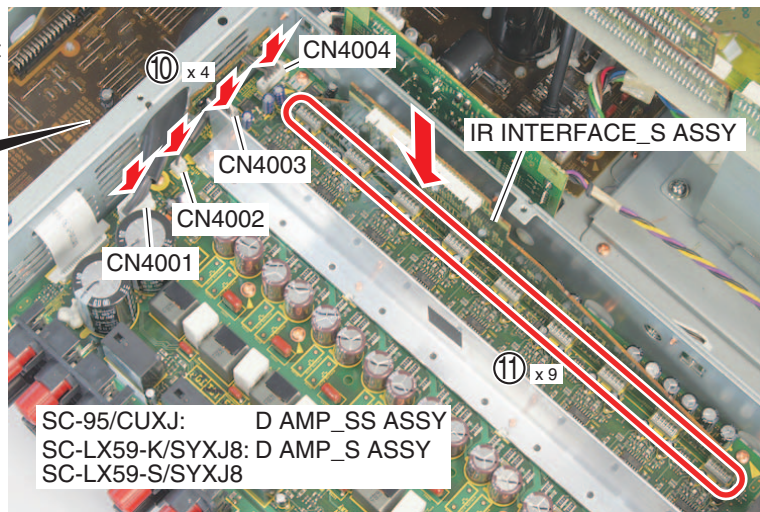
- (11) Attach the IR INTERFACE_S ASSY.

D

[2] Attach the Cover /IR and the IR BUFFER_S ASSY

- (1) Allocate the Cover /IR. Don't fix it with screws.
 (2) Allocate the IR BUFFER_S ASSY (with the BUFFER GND ASSY) and connect the two connectors. Don't fix it with screws.

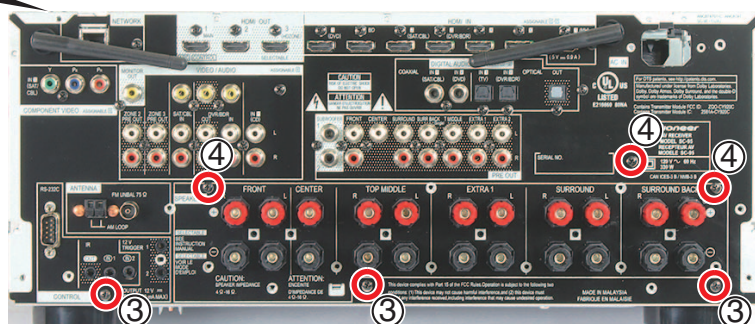
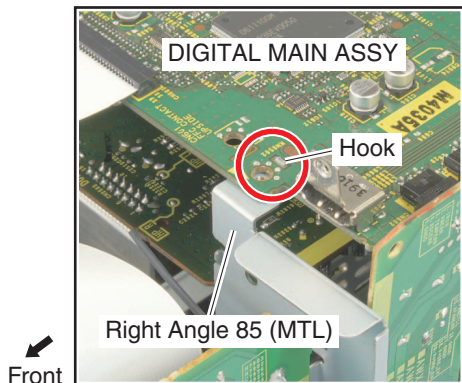
E



F

- (3) Temporarily attach the Rear Panel (with other ASSY) to the Chassis /65, using the three screws. (BBZ30P080FTB)

Note: Fix the DIGITAL MAIN ASSY to the Hook of the Right Angle 85 (MTL).



- (4) Temporarily attach the Cover /IR and the BUFFER GND ASSY to the Rear Panel, using the three screws. (BBZ30P080FTB)

- (5) Attach the two Angle /REGs to the A-REG_S ASSY, using the two Nylon Rivets. (AEC7406)

- (6) Attach the Cover /IR, using the five screws. (AMZ30P060FTC)

Note: Secure the screws for fixing the Cover /IR without using the electric screwdriver, but manually.

- (7) Attach the IR BUFFER_S ASSY, using the screw. (BPZ30P080FNI)

- (8) Remove the six screws temporarily fixed in accordance with step (3) and (4). (BBZ30P080FTB)

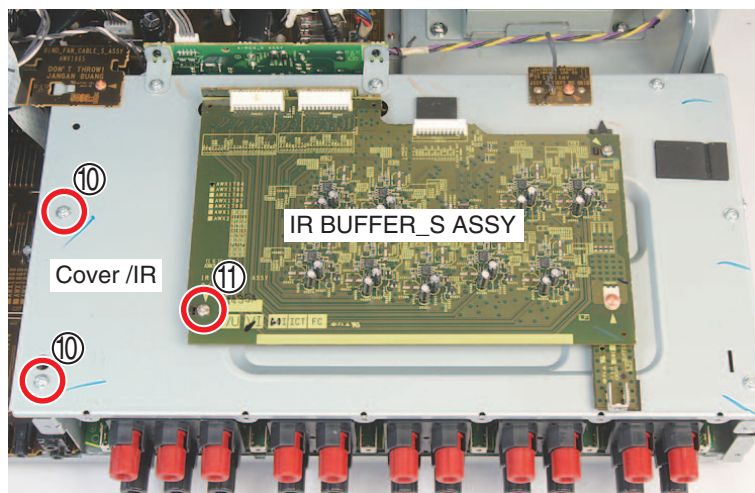
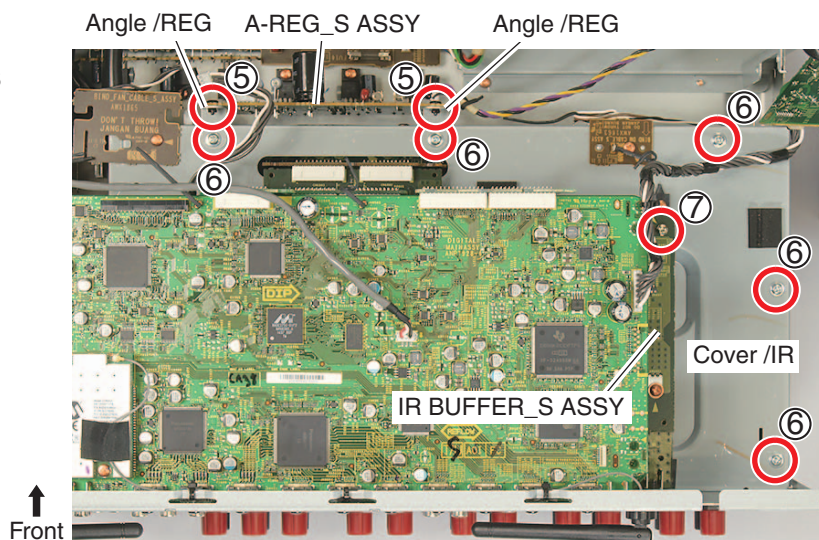
- (9) Remove the Rear Panel (with other ASSY).

- (10) Attach the two screws. (AMZ30P060FTC)

Note: Secure the screws for fixing the Cover /IR without using the electric screwdriver, but manually.

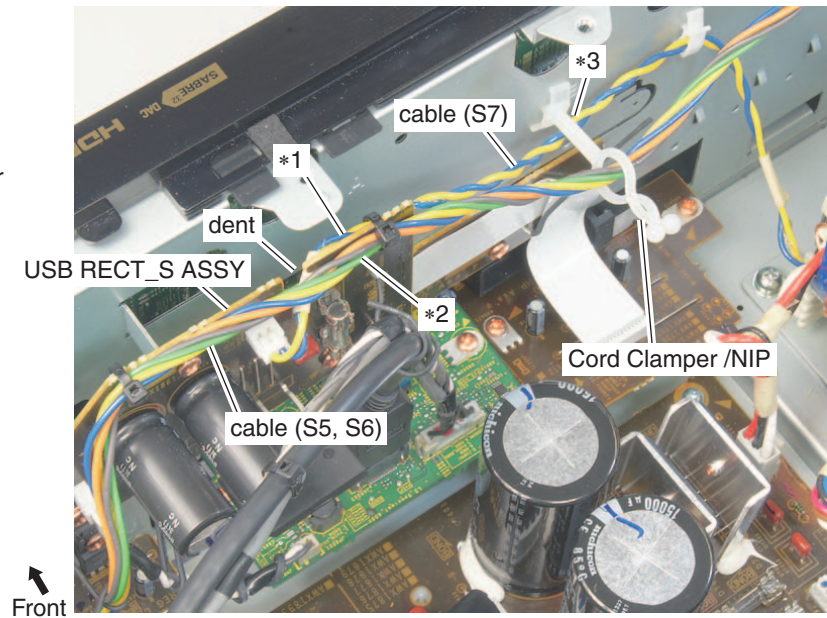
- (11) Attach the screw. (BPZ30P080FNI)

Refer to the step (6) to (1) of "[3-1] Remove the Cover /IR" of "Disassembly" henceforth.

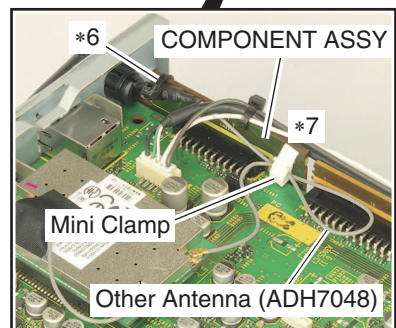
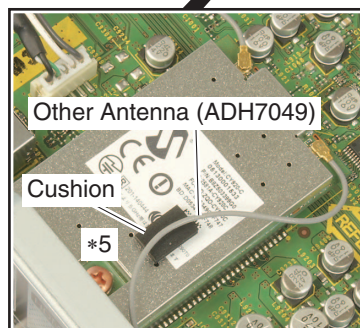
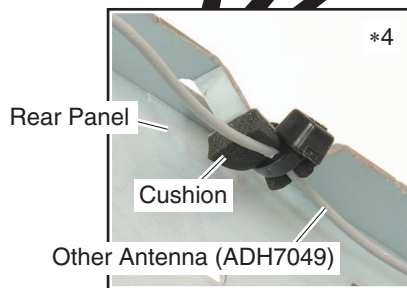
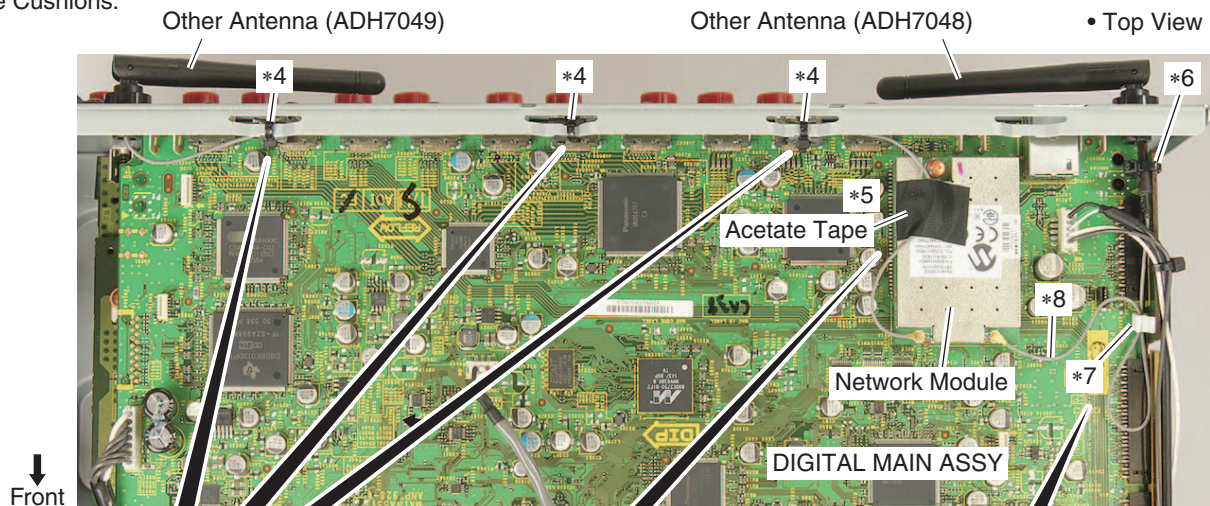


Styling of Other Cables

- A *1: Insert the cable (S7) through the dent and then bind on side-B of the USB RECT_S ASSY.
- *2: Bind the cable (S5, S6) on side-A of the USB RECT_S ASSY.
- *3: Pass the cable (S7) below the Cord Clamper /NIP.



- C *4: Bind the Other Antenna (ADH7049) below the three Cushions.



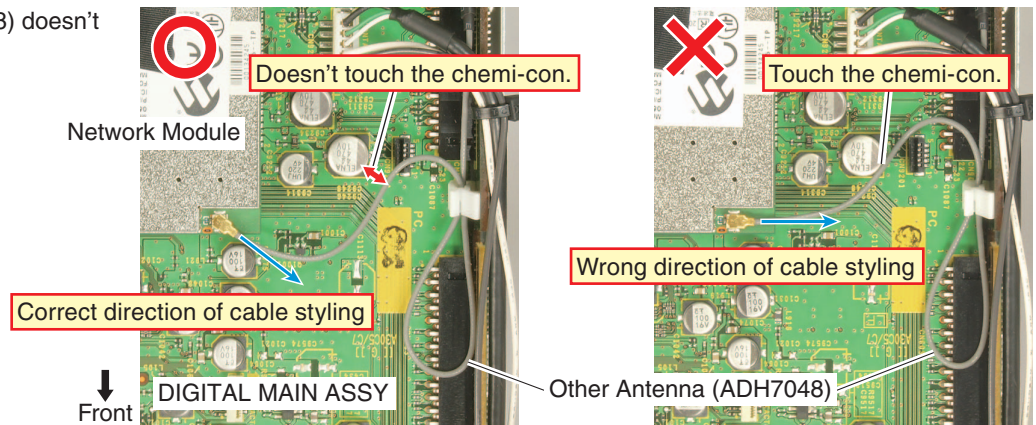
Note: Replace the Cushion if it is damaged.

*5: Lay the Other Antenna (ADH7049) on the Cushion and then affix the Acetate Tape over them.

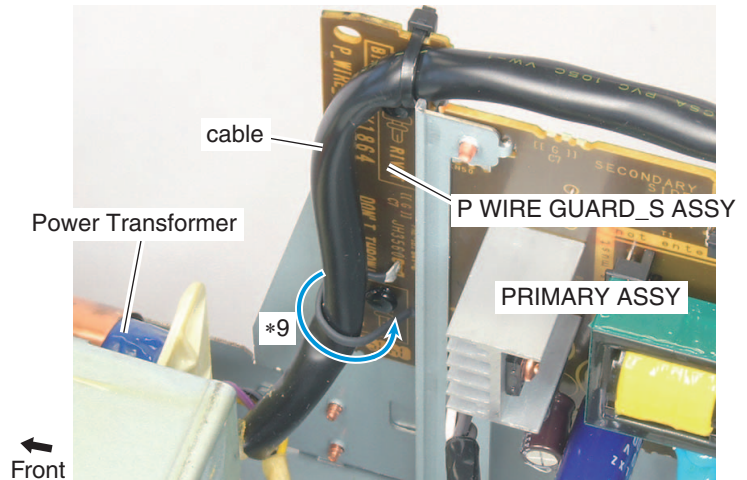
*6: Bind the Other Antenna (ADH7048).

*7: Bend the Other Antenna (ADH7048) and then cramp it twice with the Mini Clamp.

*8: Other Antenna (ADH7048) doesn't touch to the chemi-con.

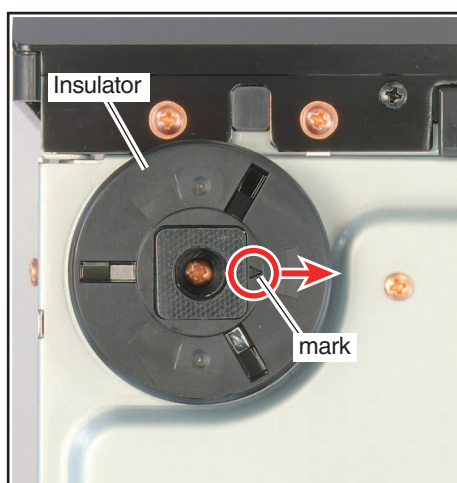


*9: Twist the PCB binder around the cable (direction of the blue arrow) (Power Transformer <-> PRIMARY ASSY).

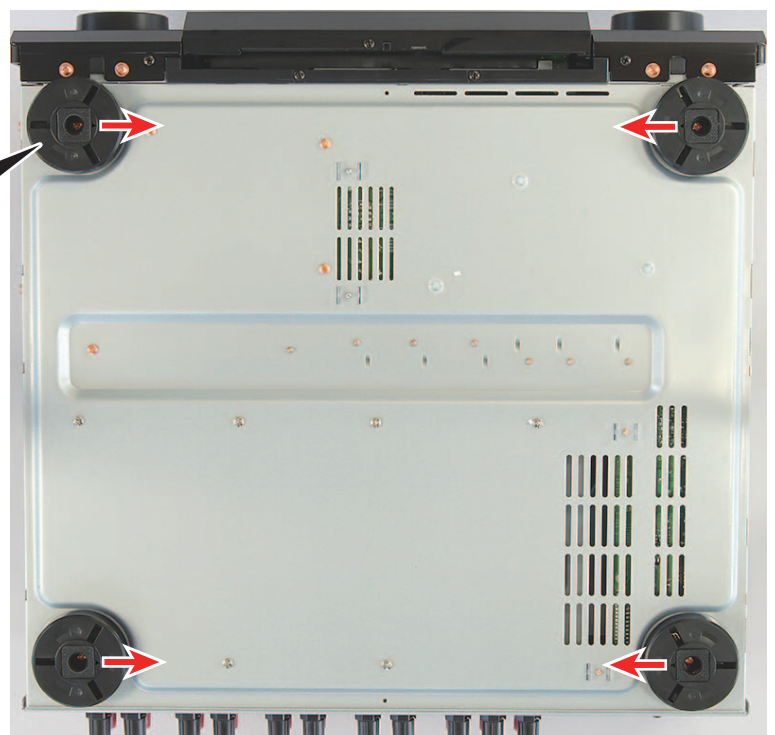


Direction of Insulator

(1) Align the mark at under surface of the Insulator with the direction of photo.



• Bottom view



8. EACH SETTING AND ADJUSTMENT

8.1 ADJUSTMENT REQUIRED WHEN THE UNIT IS REPAIRED OR REPLACED

A

■ When any of the following assemblies is replaced

DISPLAY ASSY	➡	"8.3 REGION WRITING"
DIGITAL MAIN ASSY	➡	"8.2 HOW TO SAVE AND LOAD THE SETTING USING BACKUP FUNCTION WITH USB MEMORY"
Other assemblies	➡	No adjustment required

■ When any of the following parts is replaced

DIGITAL MAIN ASSY	➡	No adjustment required The part listed below is difficult to replace as a discrete component part. When the part listed in the table is defective, replace whole Assy. • IC451 (TPS65251RHA-TLB) • IC1204 (88DE2750-K) • IC1212 (K4T51163QJ-BCE7-K) • IC1602 (MN864787-K) • IC1609 (MN864788-K) • IC9002 (CS49844A-K) • IC9206 (H337S3959-TBB) • IC9403 (MM3543BH) • IC9514 (MIC94325YMT) • IC9515 (MIC94325YMT) • IC9523 (MIC94325YMT) • IC9602 (SII9589CTUC-3) • IC9703 (D808K013DPTP456-K)
D AMP_SS(_S) ASSY	➡	No adjustment required The part listed below is difficult to replace as a discrete component part. When the part listed in the table is defective, replace whole Assy. • Q4101,4102 (IRF6775MPBFS1-TRB) • Q4201,4202 (IRF6775MPBFS1-TRB) • Q4301,4302 (IRF6775MPBFS1-TRB) • Q4401,4402 (IRF6775MPBFS1-TRB) • Q4501,4502 (IRF6775MPBFS1-TRB) • Q4601,4602 (IRF6775MPBFS1-TRB) • Q4701,4702 (IRF6775MPBFS1-TRB) • Q4801,4802 (IRF6775MPBFS1-TRB) • Q4901,4902 (IRF6775MPBFS1-TRB)
DISPLAY ASSY	➡	After replacing IC6001(R5F100MHAF-A-K), perform "8.3 REGION WRITING" and then, update to the latest firmware.
Other assemblies	➡	No adjustment required

Note 1:
After replacing NETWORK MODULE (AXX7293) or DIGITAL MAIN ASSY, the unit needs to update.
Refer to "UPDATE PANEL Mode (Version update)" on "8.4 HOW TO UPDATE FIRMWARE"

F

Note 2:
After replacing NETWORK MODULE (AXX7293) or DIGITAL MAIN ASSY, the unit needs to test Wi-Fi function.
Refer to "5.3 CONFIRMATION OF THE NETWORK MODULE"

8.2 HOW TO SAVE AND LOAD THE SETTING USING BACKUP FUNCTION WITH USB MEMORY

[Introduction]

This model is capable of saving the set values stored in the MAIN Ucom (IC103) of DIGITAL MAIN ASSY in the USB and loading them in a new DIGITAL MAIN ASSY.
(Note that MAIN Ucom should normally operate to enable this function.)

When replacing DIGITAL MAIN ASSY, execute the above mentioned processes.

[Data that can be saved/cannot be saved]

The following **data can not be saved**. Data other than these can be saved.

Contents to save	Destination to save
Last memory for turning ON/OFF the Main power and power supply for ZONE2, ZONE3 and HDZONE Last memory for inputting the Main ZONE, ZONE2, ZONE3 and HDZONE Data to be save upon the operation of protection circuit HDMI OUT3 terminal setting (MAIN/HDZONE) Roku Standby Mode	EVENT Ucom IC6001 (DISPLAY ASSY)
Internet Radio Last Station, Favorite, etc.	Network Module (AX7293)

(As the data saved by EVENT Ucom is on the DISPLAY ASSY, the data cannot be deleted unless Assy is replaced at the same time.)

[Requirements for USB memory]

USB memory to be used should meet the following requirements.

- Compatible with USB Mass storage Class
- With a file system of FAT(FAT16 or FAT32)

[File saving format]

Files are to be saved in the following format: Model number_backup version.extension(avr)

Example: SC-95_BK01.avr
SC-LX59_BK01.avr

[How to save in the USB memory from AV amplifier]

1. Insert the usable USB memory into the USB terminal when the main device is off.
2. Enter the SERVICE MODE and select [USB BAK ◀ HOLD ▶] with ↑↓ keys.
(See [6. SERVICE MODE] for how to enter the SERVICE MODE.)
3. Select [USB BAK ◀ SAVE ▶] with ⇐⇒ keys and press [ENTER].
4. Saving in the USB starts and the main device automatically goes off after the normal completion ([COMPLETE] is displayed.).
5. Remove the USB and saving is finished.

- *1. If the following errors occur after "SAVE" is executed, error message will be displayed and "SAVE" will be stopped and the power will be turned off.
- Ejecting of USB device
 - Short capacity of USB device
 - Error during writing in the USB device (Read Only or defective Sector, etc.)
- *2. If the same file name exists in the USB, overwriting will be automatically executed.

[How to write into AV amplifier from the USB memory]

1. Insert the USB with the saved file into the USB terminal when the main device is off.
2. Enter the SERVICE MODE and select [USB BAK ◀ HOLD ▶] with ↑↓ keys.
(See [6. SERVICE MODE] for how to enter the SERVICE MODE.)
3. Select [USB BAK ◀ LOAD ▶] with ⇐⇒ keys and press [ENTER].
4. Saving in the main device starts and it automatically goes off after the normal completion ([COMPLETE] is displayed.).
5. Remove the USB and loading is finished.

- * If the following errors occur after "LOAD" is executed, error message will be displayed and "LOAD" will be stopped and the power will be turned off.
- No setting file
 - Mismatching between the setting file and the specification of the A/V RECEIVER type to be loaded back
 - Error due to Checksum, Signature Check, and Size Check
 - Ejecting of USB device (during reading of the setting file)

Precautions

- Files are stored in Root of USB memory.
 - Files are read from Root of USB memory.
- ⇒ To make operations such as moving files, be sure to assign the saved file in Root of the USB memory.
- Also please be careful not to assign *.avr in multiple numbers.

- The time and date of updating for saved file is fixed to "2006/03/08 20:01."
 - In principle, please implement Load without making of factory default settings.
 - Depending on the type of USB memory device, the setting file may not have properly been saved even though [COMPLETE] is displayed after a SAVE process.
- Before replacing the DIGITAL MAIN ASSY, perform a LOAD process and check that [COMPLETE] is displayed.

[Cautions]

- You cannot use the backup function with USB memory until the Network Module software starts.
- It takes about 60 seconds before the Network Module software starts.

8.3 REGION WRITING

This is the function to write Region information by using an USB Memory.
Automatic start-up is conducted with POWER ON if the Region information is not written.
This work is carried out when DISPLAY ASSY is replaced.

[Preparations]

- Please copy the REGION File for the same model number and the point of destination with the object set to the route directory of USB Memory.

Note: Copy only the REGION File to the USB memory. Never copy to other files.

[Precautions]

Please be sure to use the REGION File for the same model number and the point of destination with the object set.
If you make a mistake, it is impossible to rewrite. (Replacement of DISPLAY ASSY is required again)

Key operation	FL display
Plug in the AC cord. (No Region information)	
	
Power On (Automatically)	POWER ON
	
Start up finished	
Function initial display	SET REGION
	
Connect USB Memory. Loading finished correctly	
Region Writing finished	SC-95/CUXJ SC-LX59/SYXJ8

[Procedures]

- Connect an AC cord after replacing DISPLAY ASSY. (Power turns ON automatically)
- [SET REGION] is displayed several seconds after [POWER ON] is displayed on the front panel. (Standby status for REGION File writing)
- Automatic writing starts when USB memory prepared by [Preparation: 1] is inserted. (Degree of several seconds)
- The written model number is displayed after the normal completion of REGION File writing. (14 characters, maximum)
- Pull out the AC cord.

[Cautions]

- Writing of destination is not completed until the Network Module software starts.
- It takes about 60 seconds before the Network Module software starts.

[Case of Abnormal Completion]

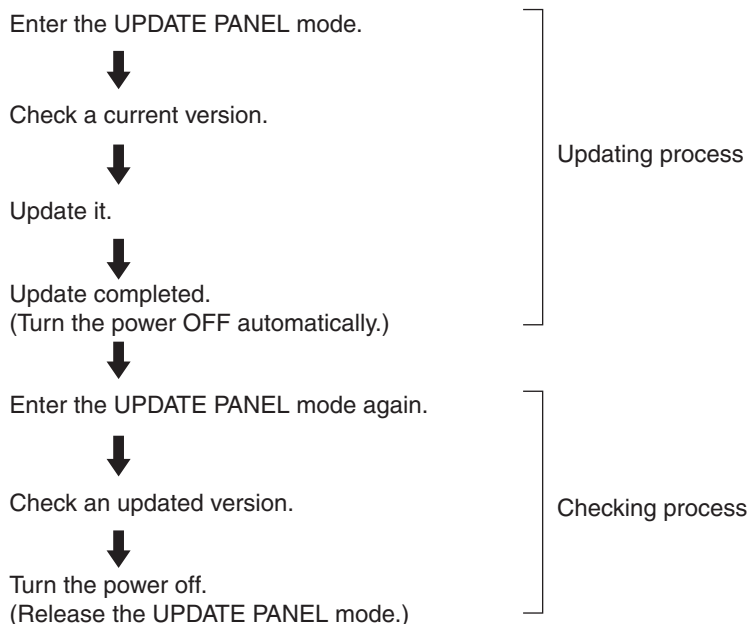
If REGION File writing did not complete normally, an error number is displayed rather than the model number. Please perform rewriting based on the coping strategy by error numbers below.

FL Display Examples												Reason for Display	Coping Strategy
		E	R	R	O	R		R	0	1		•Case of unsuccessful USB Read-in •Case of No File for Writing	•Try writing with other USB Memory •Place writing required REGION File to root directory *1
		E	R	R	O	R		R	0	3		Case of destroyed File	Download REGION File again
		E	R	R	O	R		R	0	4		Case of destination information for different model is written	Download REGION File for correct model

*1 If an error is appeared, disconnect and connect the AC cord within 30 seconds and try to write the destination again.

8.4 HOW TO UPDATE FIRMWARE

Workflow



MAIN com, SUB com (EVENT) , DSP Flash ROM and Network Module Update by USB Memory and the Confirmation of the Version

● UPDATE PANEL Mode (Version update)

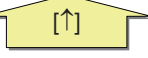
[Preparations]

- Copy the UPDATE FILE to the root directory of the USB Memory.
Note: NEVER copy several UPDATE FILES to the root directory of the USB Memory.
Copy only the corresponding UPDATE FILE.
- Turn off the power to this unit by setting Multi-Zone to "OFF".
- Connect the USB Memory to the USB terminal (A type) of the front panel.

[Procedures]

- While holding down "TUNE↑" key on the front panel, press "STANDBY ON/OFF" key and moves to the **UPDATE PANEL mode**.
- The updating process is as follows.

A

Key operation	FL display
[TUNE↑] + [STANDBY ON/OFF]  Booting is completed 	POWER ON Version is displayed. 1 - 001002003004
[TUNE↓] or [TUNE↑]  	Update Menu UPDATE

Front Panel Key

[↓] : TUNE key

[↑] : TUNE key

[←] : PRESET key

[→] : PRESET key

1 - 001002003004

Version number of
Network Module

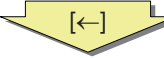
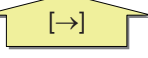
Version number of DSP

Version number of Sub com
(EVENT)Small version number of
Main comBig version number of
Main com

"***" displayed instead of number indicates
the process while the version is obtained.

Wait for a while until the version is displayed.

C

Key operation	FL display
 [PRESET→] or [PRESET←]	Update Menu UPDATE
 	Update Confirmation UPDATE ? ◀NO▶
	Update Confirmation UPDATE ? ◀YES▶
UPDATE FILE searching completed	File searching Accessing

E

F

Key operation	FL display
UPDATE FILE searching completed	
	
UPDATE start	Updating process * U p d a t i n g . 0 %
	
UPDATE completed	
	
5 Second	Update completion display * U p d a t i n g . 1 0 0 %
	
Power turns off automatically. (All ZONE OFF) Disconnect the USB MEMORY.	

Update time is fluctuated by contents of the update. It will take about 26 minutes at the maximum.
(Actual time is from 3 minutes to 26 minutes.)

Time required for updating varies, because only the programs that require updating will be updated.

[Confirmation]

- Enter UPDATE PANEL mode and check that the programs have been updated.

[Cautions]

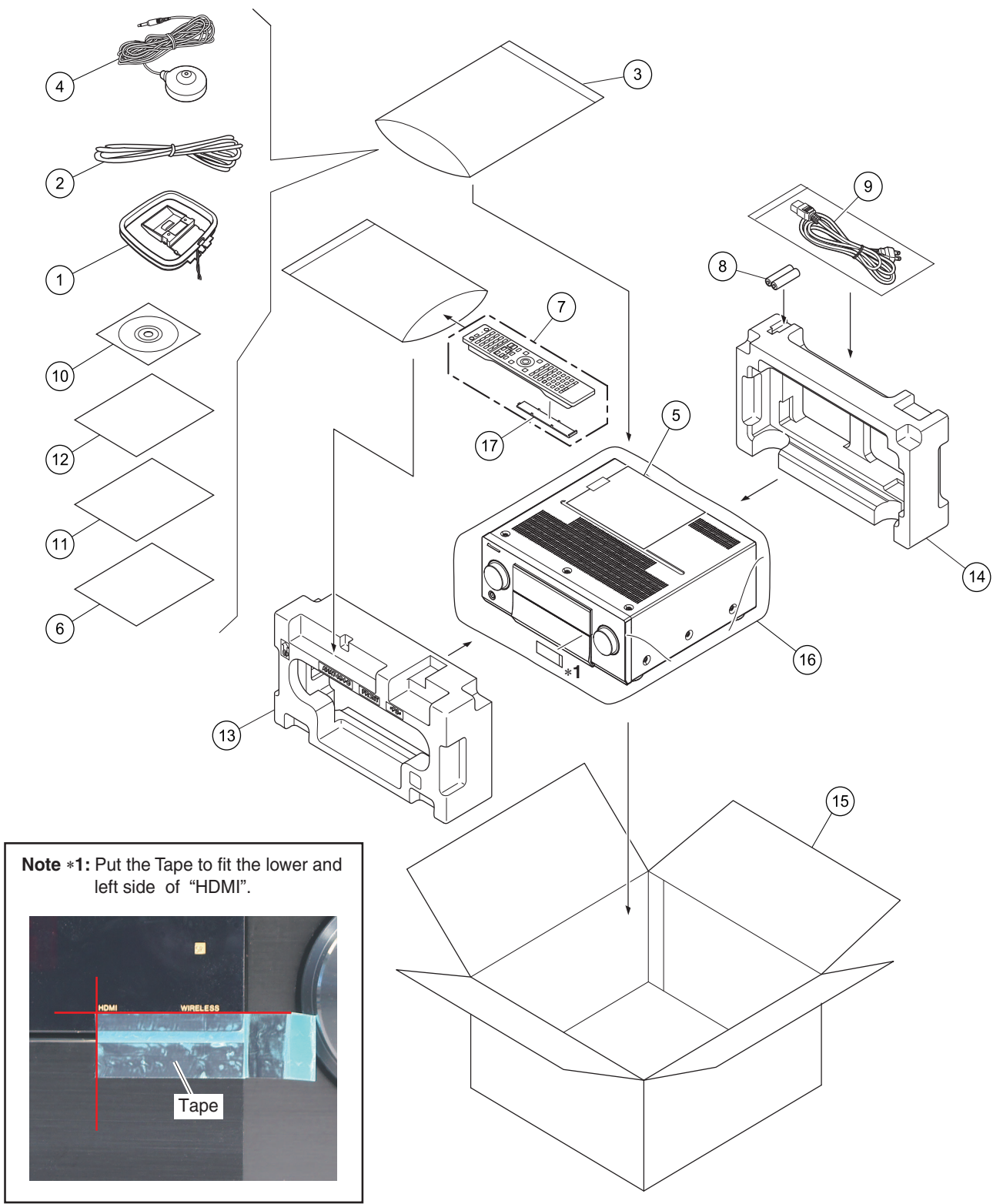
- You cannot perform an update until the Network Module software starts.
- It takes about 60 seconds before the Network Module software starts.

1 2 3 4

9. EXPLODED VIEWS AND PARTS LIST

NOTES: ● Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.
● The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
● Screws adjacent to ▼ mark on product are used for disassembly.
● For the applying amount of lubricants or glue, follow the instructions in this manual.
(In the case of no amount instructions, apply as you think it appropriate.)

9.1 PACKING SECTION



(1) PACKING SECTION PARTS LIST

<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>
	1 AM Loop Antenna	XTB3004		11 Quick Start Guide	See Contrast table (2)
	2 FM Wire Antenna	ADH7030	NSP	12 Caution Card	See Contrast table (2)
NSP	3 Polyethylene Bag	AHG7117		13 Packing Pad /F	AHA7502
	4 Setup Microphone (Cable:5m(16.4ft))	APM7011		14 Packing Pad /R	AHA7500
NSP	5 Caution Card /SPE	ARM7161		15 Packing Case	See Contrast table (2)
NSP	6 Warranty Sheet	See Contrast table (2)		16 Packing Sheet	RHC1023
	7 Remote Control Unit	AXD7723		17 Battery Door	AZN8047
NSP	8 AAA Size IEC R03 Dry Cell Batteries x2	VEM1057			
⚠	9 Power Cord	See Contrast table (2)			
	10 IM CD-ROM	See Contrast table (2)			

(2) CONTRAST TABLE

SC-95/CUXJ, SC-LX59-K/SYXJ8 and SC-LX59-S/SYXJ8 are constructed the same except for the following:

<u>Mark</u>	<u>No.</u>	<u>Symbol and Description</u>	<u>SC-95/CUXJ</u>	<u>SC-LX59-K/SYXJ8</u>	<u>SC-LX59-S/SYXJ8</u>
NSP	6	Warranty Sheet	ARY7007	ARY7158	ARY7158
⚠	9	Power Cord	ADG7118	ADG7123	ADG7123
	10	IM CD-ROM	ARU7081	ARU7082	ARU7082
	11	Quick Start Guide	ARH7224	ARH7225	ARH7225
NSP	12	Caution Card	ARM7182	ARM7183	ARM7183
	15	Packing Case	AHD8884	AHD8885	AHD8886

△



(1) EXTERIOR SECTION PARTS LIST

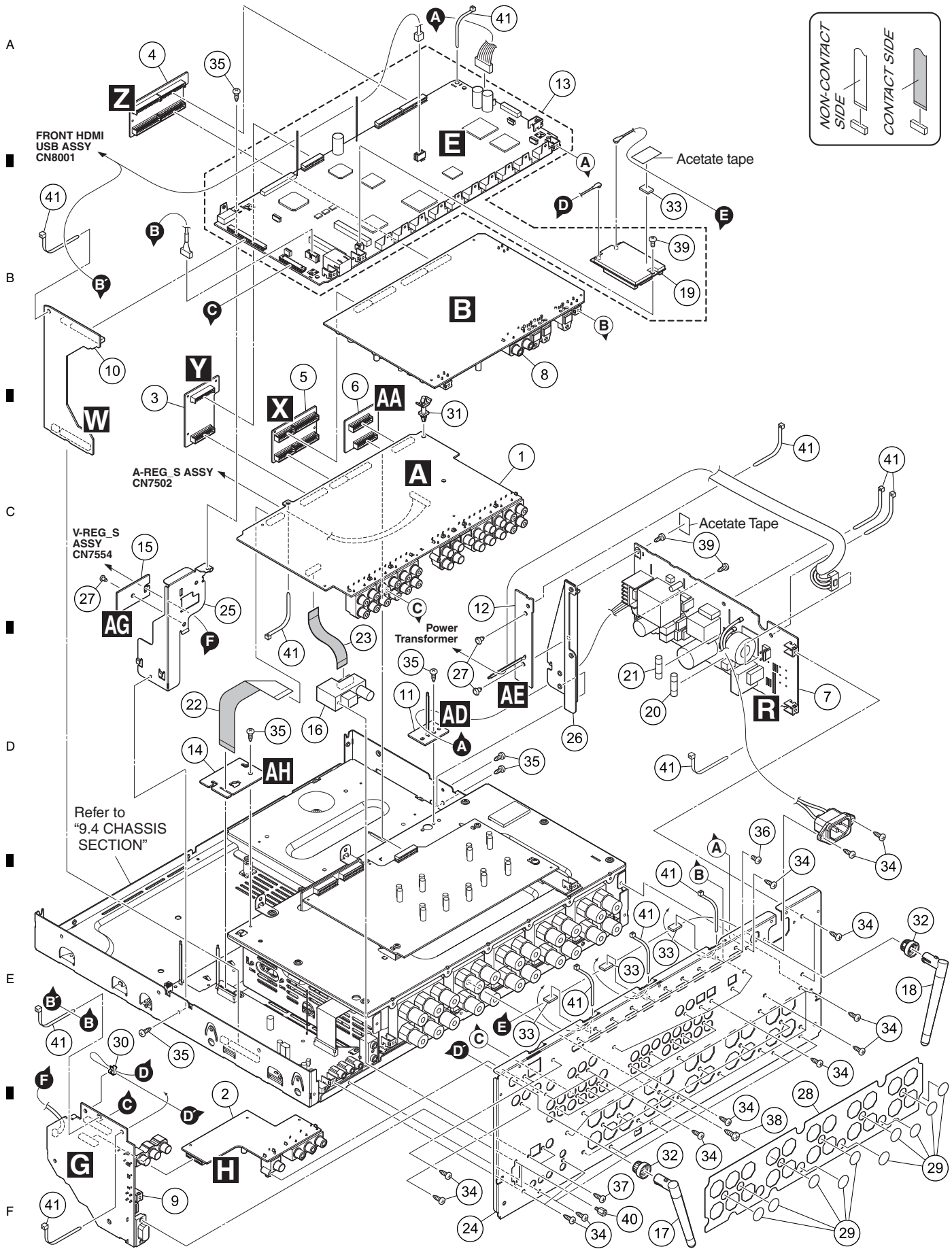
Mark No.	Description	Part No.	Mark No.	Description	Part No.
	1 MIC HP GUARD ASSY	AWX2052	NSP 21	Mini Clamp	VEC1597
	2 IR REG_S ASSY	See Contrast table (2)	22	Cord Clamper /NIP	AEC7655
	3 A-REG_S ASSY	See Contrast table (2)	23	PCB Holder	PNW2029
	4 V-REG_S ASSY	See Contrast table (2)	24	Cushion 11X7	AED7092
	5 VREG CHILD_S ASSY	AWX2176	25	Bonnet (Box)	See Contrast table (2)
	6 USB RECT_S ASSY	See Contrast table (2)	26	Screw	See Contrast table (2)
NSP	7 FFC GUARD_S ASSY	AWX1862	27	Screw	BBT30P080FCC
NSP	8 TRANS VREG STYL_S ASSY	AWX1890	28	Screw (Steel)	ABA1193
⚠	9 Power Transformer	See Contrast table (2)	29	Screw	BBZ30P060FCC
⚠	10 Fuse (FU10)	See Contrast table (2)	30	Screw 4X12 (FE)	ABA7109
⚠	11 Fuse (FU11, FU12, FU15, FU21, FU22)	See Contrast table (2)	31	Screw	IBZ30P180FTC
⚠	12 Fuse (FU13, FU14)	See Contrast table (2)	32	Screw	See Contrast table (2)
⚠	13 Fuse (FU31, FU32)	See Contrast table (2)	33	Binder (BK-1)	ZCA-BK1
	14 39P FFC (J0004)	ADD7787			
	15 3P FFC (J0007)	ADD7793			
NSP	16 Panel Stay 85 (MTL)	ANG7684			
	17 Insulator	See Contrast table (2)			
	18 Cushion /INS	AEB7447			
	19 Nylon Rivet	AEC7406			
	20 Push Rivet	AEC7071			

(2) CONTRAST TABLE

SC-95/CUXJ, SC-LX59-K/SYXJ8 and SC-LX59-S/SYXJ8 are constructed the same except for the following:

Mark No.	Symbol and Description	SC-95/CUXJ	SC-LX59-K/SYXJ8	SC-LX59-S/SYXJ8
	2 IR REG_S ASSY	AWX2139	AWX2140	AWX2140
	3 A-REG_S ASSY	AWX2168	AWX2169	AWX2169
	4 V-REG_S ASSY	AWX2172	AWX2173	AWX2173
	6 USB RECT_S ASSY	AWX2177	AWX2178	AWX2178
⚠	9 Power Transformer	ATS7482	ATS7483	ATS7483
⚠	10 Fuse (FU10)	REK1151	AEK1061	AEK1061
⚠	11 Fuse (FU11, FU12, FU15, FU21, FU22)	REK1143	AEK7073	AEK7073
⚠	12 Fuse (FU13, FU14)	REK1142	AEK7072	AEK7072
⚠	13 Fuse (FU31, FU32)	REK1144	AEK7072	AEK7072
	17 Insulator	AMR7707	AMR7709	AMR7709
	25 Bonnet (Box)	AEA7035	AEA7035	AEA7037
	26 Screw	BBZ30P080FTB	BBZ30P080FTB	BBZ30P080FNI
	32 Screw	BCZ40P060FTB	BCZ40P060FTB	BCZ40P060FNI

9.3 REAR SECTION



(1) REAR SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.	
1	AUDIO ASSY	See Contrast table (2)	⚠ 21	Fuse (FU4)	See Contrast table (2)	
2	COMPOSITE ASSY	AWX2195	22	15P FFC (J0002)	ADD7790	A
3	D-AUDIO BRIDGE ASSY	AWX2196	23	9P FFC (J0008)	ADD7794	
4	D-DAC BRIDGE ASSY	AWX2197	24	Rear Panel	See Contrast table (2)	
5	A-DAC BRIDGE ASSY	AWX2198	25	Right Angle 85 (MTL)	ANG7687	
6	PRE BRIDGE_S ASSY	AWX2200	26	Angle /PRI	ANG7747	
7	PRIMARY ASSY	See Contrast table (2)	27	Nylon Rivet	AEC7406	
8	DAC HIGH ASSY	See Contrast table (2)	28	Insulating Sheet /65	AEC7657	
9	COMPONENT ASSY	See Contrast table (2)	29	Cushion Circle 14B	AED7081	
10	CONNECT_S ASSY	See Contrast table (2)	NSP 30	Mini Clamp	VEC1597	
11	BIND DM CABLE_S ASSY	AWX1863	NSP 31	PCB Spacer	AEC1084	B
12	P WIRE GUARD_S ASSY	AWX1864	32	Bush /ANT	AMR7706	
13	DIGITAL MAIN ASSY	See Contrast table (2)	33	Cushion	AEB7449	
NSP 14	BINDFAN CABLE_S ASSY	AWX1865	34	Screw	BBZ30P080FTB	
NSP 15	VREG GUARD ASSY	AWX2053	35	Screw	BBZ30P060FCC	
16	AM/FM Tuner Unit	See Contrast table (2)	36	Screw	BMZ30P040FTB	
17	Other Antenna	ADH7048	37	Screw (Steel)	ABA1207	
18	Other Antenna	ADH7049	38	Screw	BPZ30P100FTC	
19	Network Module	AXX7293	39	Screw	BSZ30P060FCC	
⚠ 20	Fuse (FU1)	See Contrast table (2)	40	Hex Head Screw 2.85X7	ABA7078	C
			41	Binder (BK-1)	ZCA-BK1	

(2) CONTRAST TABLE

SC-95/CUXJ, SC-LX59-K/SYXJ8 and SC-LX59-S/SYXJ8 are constructed the same except for the following:

Mark No.	Symbol and Description	SC-95/CUXJ	SC-LX59-K/SYXJ8	SC-LX59-S/SYXJ8	
1	AUDIO ASSY	AWX2071	AWX2072	AWX2072	
7	PRIMARY ASSY	AWX2031	AWX2032	AWX2032	
8	DAC HIGH ASSY	AWX2059	AWX2060	AWX2060	D
9	COMPONENT ASSY	AWX2101	AWX2102	AWX2102	
10	CONNECT_S ASSY	AWX2144	AWX2145	AWX2145	
13	DIGITAL MAIN ASSY	AWX2009	AWX2010	AWX2010	
16	AM/FM Tuner Unit	AXX7282	AXX7283	AXX7283	
⚠ 20	Fuse (FU1)	REK1154	AEK1061	AEK1061	
⚠ 21	Fuse (FU4)	REK1139	REK1104	REK1104	
24	Rear Panel	ANC8747	ANC8748	ANC8749	

4



(1) CHASSIS SECTION PARTS LIST

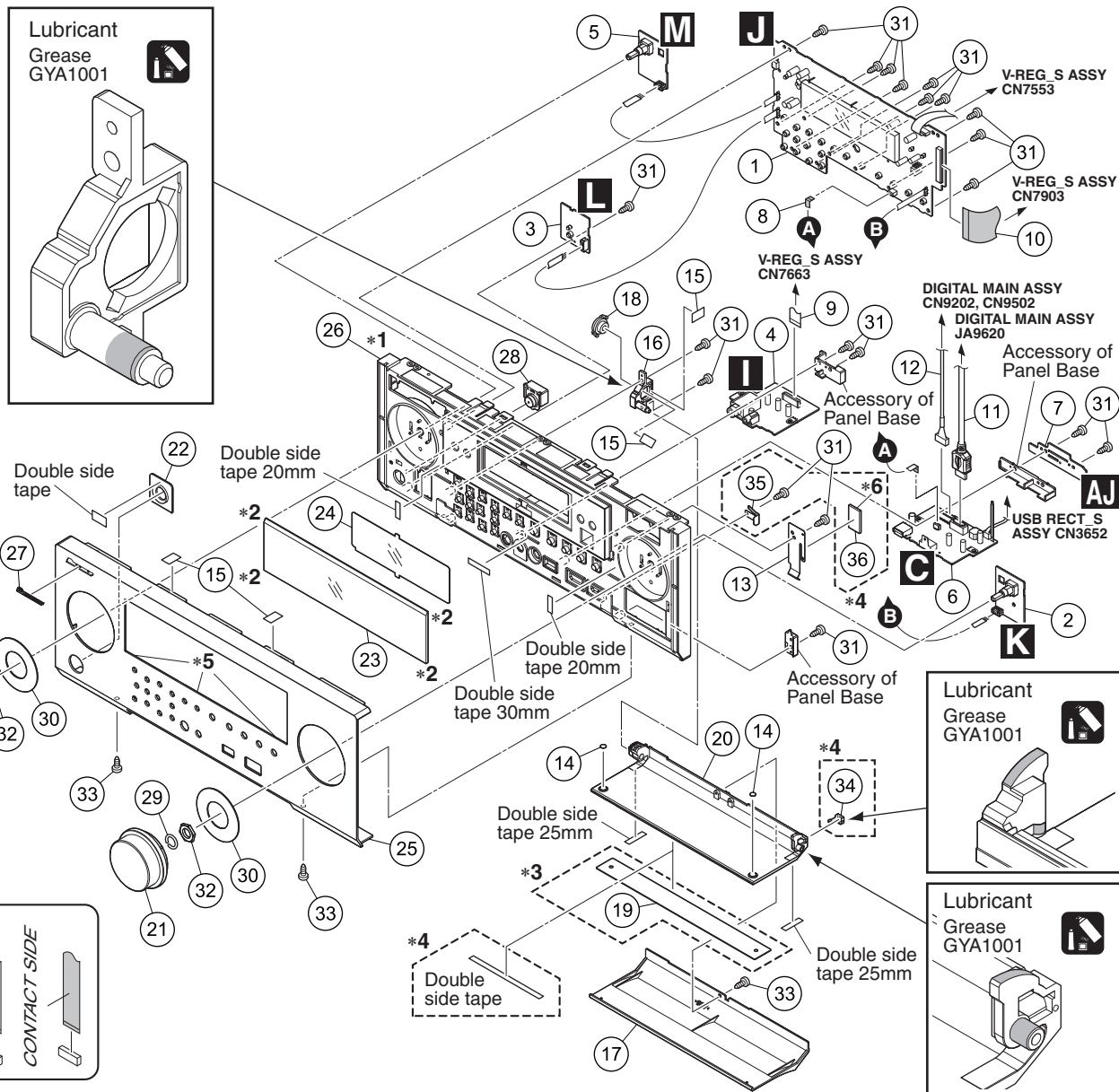
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	1	D AMP_SS ASSY	See Contrast table (2)	21	PCB Mold (PP)	AMR2533	
	2	FAN CONNECT_S ASSY	AWX2199	22	Insulator ICE (PLS)	AMR7523	A
	3	IR BUFFER_S ASSY	See Contrast table (2)	23	PCB Mold (PP)	AMR7536	
	4	BUFFER GND ASSY	AWX1789	24	Damper Bushing 83	AEB7425	
	5	INTERFACE_S ASSY	See Contrast table (2)	25	Cushion 5X8	AEB7397	
	6	IR INTERFACE_S ASSY	AWX1777	26	PCB Spacer	AEC7080	
NSP	7	IR EDGE GUARD_S ASSY	AWX1779	27	Nylon Rivet	AEC7406	
⚠	8	DC Fan Motor	AXM7040	28	Heat Cond Sheet	AEB7434	
	9	19P FFC (J0009)	ADD7795	29	Heat Sink Spacer (PLS)	AMR7568	
	10	4P Housing (Y0021)	ADX7779	30	Cushion /T3	AEB7448	
	11	4P Housing (Y0022)	ADX7780	31	Insulating Sheet	AEC7654	B
	12	2P Housing (Y0023)	ADX7781	32	Spacer	AEC1065	
	13	7P Housing (Y0024)	ADX7782	33	Screw	BPZ30P080FNI	
NSP	14	Chassis /65	ANA7243	34	Screw	BBZ30P060FCC	
	15	Frame /TS	ANG7746	35	Screw (3*11.6)	ABA7146	
	16	Screw	BBZ30P080FCC	36	Screw	ABA1052	
NSP	17	Box /IR	ANF7067	37	Screw	IBZ30P150FCC	
NSP	18	Cover /IR	ANF7068	38	Screw	AMZ30P060FTC	
NSP	19	Heat Sink 85 (AL)	ANH7234	39	Screw (Steel)	ABA1011	
	20	Angle /REG	ANG7748	40	Screw	BBZ30P180FCC	C
				41	Binder (BK-1)	ZCA-BK1	

(2) CONTRAST TABLE

SC-95/CUXJ, SC-LX59-K/SYXJ8 and SC-LX59-S/SYXJ8 are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-95/CUXJ	SC-LX59-K/SYXJ8	SC-LX59-S/SYXJ8
	1	D AMP_SS ASSY	AWH7114	Not used	Not used
		D AMP_S ASSY	Not used	AWH7112	AWH7112
	3	IR BUFFER_S ASSY	AWX2097	AWX2098	AWX2098
	5	INTERFACE_S ASSY	AWX2135	AWX2136	AWX2136

9.5 FRONT SECTION

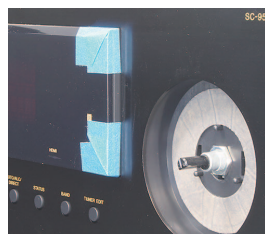


Note *1: Please pay attention not to hurt Panel Base when you remove the Panel.

Note *2: Please tape up at four (4) places to protect Panel Base as shown on the photograph when you remove the Panel.



Left side

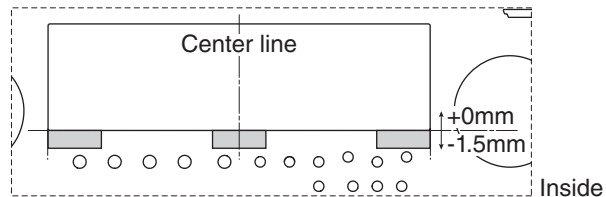


Right side

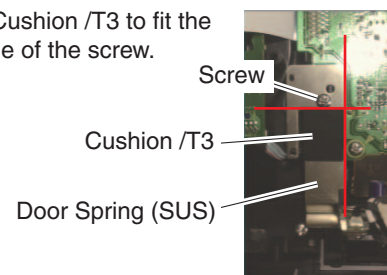
Note *3: SC-95/CUXJ only

Note *4: SC-LX59-K/SYXJ8, SC-LX59-S/SYXJ8 only

Note *5: Double Side Tape (10mm x 30mm) affixing position on the Panel.



Note *6: Put the Cushion /T3 to fit the lower side of the screw.



(1) FRONT SECTION PARTS LIST

<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>	
1	DISPLAY ASSY	See Contrast table (2)	21	VOL. Knob	See Contrast table (2)	
2	VOL ASSY	AWX2029	22	Power Ring LX85 (PLS)	See Contrast table (2)	A
3	POWER SW ASSY	AWX2030	23	Window	See Contrast table (2)	
4	MIC HP ASSY	See Contrast table (2)	24	Filter (PC)	See Contrast table (2)	
5	ENCODER ASSY	AWX2051	25	Panel	See Contrast table (2)	
6	FRONT HDMI USB ASSY	See Contrast table (2)	⚠ 26	Panel Base	See Contrast table (2)	
NSP 7	PANEL GUARD ASSY	AWX2054	27	Pioneer Badge (AL)	See Contrast table (2)	
8	5P FFC (J0001)	ADD7783	28	STDBY BTN LX85 ASSY	See Contrast table (2)	
9	15P FFC (J0003)	ADD7792	29	Ring	ABH7213	
10	39P FFC (J0010)	ADD7796	30	VOL Stabilizer LX85	AEC7644	
11	HDMI Cable (Y0020)	ADX7732	31	Screw	BPZ30P080FNI	B
12	Housing(D) (Y0025)	ADX7821	32	Nut	NK90FTC	
13	Door Spring (SUS)	ABK7061	33	Screw	See Contrast table (2)	
14	Cushion Circle 6	See Contrast table (2)	34	Earth Spring 81 (SUS)	See Contrast table (2)	
15	Cushion 11X7	AED7092	35	Earth Spring 85 (SUS)	See Contrast table (2)	
16	Shaft /DOR	AMR7704	36	Cushion /T3	See Contrast table (2)	
17	Door	See Contrast table (2)				
18	Damper /DOR	AXA7159				
19	Door Plate LX55 (MTL)	See Contrast table (2)				
20	Door Base (PLS)	See Contrast table (2)				C

(2) CONTRAST TABLE

SC-95/CUXJ, SC-LX59-K/SYXJ8 and SC-LX59-S/SYXJ8 are constructed the same except for the following:

<u>Mark No.</u>	<u>Symbol and Description</u>	<u>SC-95/CUXJ</u>	<u>SC-LX59-K/SYXJ8</u>	<u>SC-LX59-S/SYXJ8</u>	
1	DISPLAY ASSY	AWX2022	AWX2023	AWX2023	
4	MIC HP ASSY	AWX2044	AWX2045	AWX2045	
6	FRONT HDMI USB ASSY	AWX2111	AWX2112	AWX2112	
14	Cushion Circle 6	AED7083	AED7083	AED7080	
17	Door	AAN7241	ANB7644	ANB7646	D
19	Door Plate LX55 (MTL)	ANG7682	Not used	Not used	
20	Door Base (PLS)	AMR7565	AMR7565	AMR7636	
21	VOL. Knob	AAA7068	AAA7064	AAA7071	
22	Power Ring LX85 (PLS)	AAK8571	AAK8571	AAK8574	
23	Window	AAK8594	AAK8597	AAK8597	
24	Filter (PC)	AAK8443	AAK8459	AAK8459	
25	Panel	ANB7647	ANB7648	ANB7649	
⚠ 26	Panel Base	AMB8085	AMB8086	AMB8087	
27	Pioneer Badge (AL)	VAM1159	VAM1158	VAM1158	
28	STDBY BTN LX85 ASSY	AAD7804	AAD7804	AAD7807	E
33	Screw	BBZ30P080FTB	BBZ30P080FTB	BBZ30P080FNI	
34	Earth Spring 81 (SUS)	Not used	ABK7067	ABK7067	
35	Earth Spring 85 (SUS)	Not used	ABK7070	ABK7070	
36	Cushion /T3	Not used	AEB7448	AEB7448	

10. PCB PARTS LIST

NOTES: ● Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.

● The $\triangle$ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

● When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47 k ohm (tolerance is shown by J = 5%, and K = 10%).

560 Ω $\rightarrow$ 56×10^1 $\rightarrow$ 561.....RD1/4PU $\begin{bmatrix} 5 \\ 6 \end{bmatrix} \begin{bmatrix} 1 \\ J \end{bmatrix}$
 47 k Ω $\rightarrow$ 47×10^3 $\rightarrow$ 473.....RD1/4PU $\begin{bmatrix} 4 \\ 7 \end{bmatrix} \begin{bmatrix} 3 \\ J \end{bmatrix}$
 0.5 Ω $\rightarrow$ R50.....RN2H $\begin{bmatrix} R \\ 5 \end{bmatrix} \begin{bmatrix} 0 \\ K \end{bmatrix}$
 1 Ω $\rightarrow$ 1R0.....RSIP $\begin{bmatrix} 1 \\ R \end{bmatrix} \begin{bmatrix} 0 \\ K \end{bmatrix}$

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62 k Ω $\rightarrow$ 562×10^1 $\rightarrow$ 5621.....RN1/4PC $\begin{bmatrix} 5 \\ 6 \end{bmatrix} \begin{bmatrix} 2 \\ 1 \end{bmatrix} F$

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
LIST OF ASSEMBLIES							
	1...	D AMP_SS ASSY (SC-95)	AWH7114	NSP	1...	INTERFACE REG_S ASSY (SC-95)	AWR7302
					2..	INTERFACE_S ASSY	AWX2135
	1...	D AMP_S ASSY (SC-LX59)	AWH7112		2..	IR REG_S ASSY	AWX2139
					2..	CONNECT_S ASSY	AWX2144
NSP	1...	AUDIO COMPOSITE_H ASSY (SC-95)	AWR7283	NSP	2..	TRANS VREG STYL_S ASSY	AWX1890
	2..	AUDIO ASSY	AWX2071				
	2..	COMPOSITE ASSY	AWX2195	NSP	1...	INTERFACE REG_S ASSY (SC-LX59)	AWR7303
	2..	D-AUDIO BRIDGE ASSY	AWX2196		2..	INTERFACE_S ASSY	AWX2136
	2..	D-DAC BRIDGE ASSY	AWX2197		2..	IR REG_S ASSY	AWX2140
	2..	A-DAC BRIDGE ASSY	AWX2198		2..	CONNECT_S ASSY	AWX2145
	2..	FAN CONNECT_S ASSY	AWX2199	NSP	2..	TRANS VREG STYL_S ASSY	AWX1890
	2..	PRE BRIDGE_S ASSY	AWX2200				
NSP	1...	AUDIO COMPOSITE_H ASSY (SC-LX59)	AWR7284	NSP	1...	PRE POWER_S ASSY (SC-95)	AWR7312
	2..	AUDIO ASSY	AWX2072		2..	A-REG_S ASSY	AWX2168
	2..	COMPOSITE ASSY	AWX2195		2..	V-REG_S ASSY	AWX2172
	2..	D-AUDIO BRIDGE ASSY	AWX2196		2..	VREG CHILD_S ASSY	AWX2176
	2..	D-DAC BRIDGE ASSY	AWX2197		2..	USB RECT_S ASSY	AWX2177
	2..	A-DAC BRIDGE ASSY	AWX2198		2..	BIND DM CABLE_S ASSY	AWX1863
	2..	FAN CONNECT_S ASSY	AWX2199		2..	P WIRE GUARD_S ASSY	AWX1864
	2..	PRE BRIDGE_S ASSY	AWX2200	NSP	2..	FFC GUARD_S ASSY	AWX1862
				NSP	2..	BINDFAN CABLE_S ASSY	AWX1865
NSP	1...	PRIM DISPLAY ASSY (SC-95)	AWM8410	NSP	1...	PRE POWER_S ASSY (SC-LX59)	AWR7313
	2..	DISPLAY ASSY	AWX2022		2..	A-REG_S ASSY	AWX2169
	2..	VOL ASSY	AWX2029		2..	V-REG_S ASSY	AWX2173
	2..	POWER SW ASSY	AWX2030		2..	VREG CHILD_S ASSY	AWX2176
	2..	PRIMARY ASSY	AWX2031		2..	USB RECT_S ASSY	AWX2178
	2..	ENCODER ASSY	AWX2051		2..	BIND DM CABLE_S ASSY	AWX1863
	2..	MIC HP ASSY	AWX2044		2..	P WIRE GUARD_S ASSY	AWX1864
	2..	MIC HP GUARD ASSY	AWX2052	NSP	2..	FFC GUARD_S ASSY	AWX1862
NSP	2..	VREG GUARD ASSY	AWX2053	NSP	2..	BINDFAN CABLE_S ASSY	AWX1865
NSP	2..	PANEL GUARD ASSY	AWX2054				
NSP	1...	PRIM DISPLAY ASSY (SC-LX59)	AWM8411	NSP	1...	IR INTERFACE_S ASSY	AWX1777
	2..	DISPLAY ASSY	AWX2023		2..	IR INTERFACE_S ASSY	AWX1777
	2..	VOL ASSY	AWX2029		2..	IR EDGE GUARD_S ASSY	AWX1779
	2..	POWER SW ASSY	AWX2030				
	2..	PRIMARY ASSY	AWX2032		1...	DAC HIGH ASSY (SC-95)	AWX2059
	2..	ENCODER ASSY	AWX2051		1...	DAC HIGH ASSY (SC-LX59)	AWX2060
	2..	MIC HP ASSY	AWX2045		1...	COMPONENT ASSY (SC-95)	AWX2101
	2..	MIC HP GUARD ASSY	AWX2052		1...	COMPONENT ASSY (SC-LX59)	AWX2102
NSP	2..	VREG GUARD ASSY	AWX2053				
NSP	2..	PANEL GUARD ASSY	AWX2054				
NSP	1...	IR BUFFER ASSY (SC-95)	AWM8427		1...	DIGITAL MAIN ASSY (SC-95)	AWX2009
	2..	IR BUFFER_S ASSY	AWX2097		2..	NETWORK MODULE	AXX7293
	2..	BUFFER GND ASSY	AWX1789				
NSP	1...	IR BUFFER ASSY (SC-LX59)	AWM8428		1...	DIGITAL MAIN ASSY (SC-LX59)	AWX2010
	2..	IR BUFFER_S ASSY	AWX2098		2..	NETWORK MODULE	AXX7293
	2..	BUFFER GND ASSY	AWX1789				
					1...	FRONT HDMI USB ASSY (SC-95)	AWX2111
					1...	FRONT HDMI USB ASSY (SC-LX59)	AWX2112

C FRONT HDMI USB ASSY

AWX2111 and AWX2112 are constructed the same except for the following:

Mark	Symbol and Description	AWX2111	AWX2112
	C8048	CEAK470M25	ACH7377
	C8086	Not Used	CCH1814

J DISPLAY ASSY

AWX2022 and AWX2023 are constructed the same except for the following:

Mark	Symbol and Description	AWX2022	AWX2023
	CN82	Not Used	B3P5-VH
	RY71	Not Used	ASR7034

R PRIMARY ASSY

AWX2031 and AWX2032 are constructed the same except for the following:

Mark	Symbol and Description	AWX2031	AWX2032
	CN81	B2P3-VH	Not Used
	CN82	Not Used	B3P5-VH
	L1	ATF7046	ATF7050
	C56	CKSQYB104K50	ACE7100

T IR REG_S ASSY

AWX2139 and AWX2140 are constructed the same except for the following:

Mark	Symbol and Description	AWX2139	AWX2140
	IC7271	NJM78M08FA	Not Used
	IC7272	NJM79M08FA	Not Used
	Q7211	Not Used	2SD2400A
	Q7212	Not Used	2SB1569A(DE)
	D7200	1SS355	Not Used
	D7271-7274	1SR154-400	Not Used
	H7201-7204	AKR1004	Not Used
	CN7201	B8B-EH	Not Used
	CN7271	KM200NA4	Not Used
	CN7281	CKS3368	Not Used
	7402,7403	Not Used	IBZ30P080FCC
	7400,7401	Not Used	ANH7250
	JH7251-7254	Not Used	AEF7008
	R7221	RS1/10SR223J	Not Used
	R7222	RS1/10SR104J	Not Used
	R7258	RS1/4SA824J	Not Used
	R7260	RS1/8SQ105J	Not Used
	R7271	RS1/10SR0R0J	Not Used
	R7272	ACN7180	Not Used
	R7273,R7274	RS1/4SA105J	Not Used
	R7400	RS1/4SA913J	RS1/4SA104J
	C7221	CEAK470M25	Not Used
	C7246	CEAK470M25	ACH7377
	C7259	Not Used	RS1/10SR754J
	C7270	CFTLA474J2A	Not Used
	C7271,C7272	CEAK222M16	Not Used
	C7283,C7284	CEAK471M16	Not Used

Mark No. Description Part No.



AUDIO ASSY (SC-95)

SEMICONDUCTORS

IC 2501	BD3473KS2
IC 2701,2703	TC4066BFT
IC 2702,2704	NJM4585M
Q 2701	DTC115EUA
Q 2702	DTA124EUA
Q 2971,6701	IMX25
Q 3001	2SD2400A
Q 3002	2SB1569A
D 3001,3002	DZ2J075M0

MISCELLANEOUS

JA 2501,6701 RCA JACK	AKB7246
JA 2505,2506 RCA JACK	AKB7247
CN2502 B TO B CONNECTOR	AKP7269
CN2503 CONNECTOR	9607S-15F
CN3001 20P SOCKET	AKP7249
JP 3001 CONNECTOR ASSY	PF05PG-S20

RESISTORS

R 2687	RS1/8SQ105J
R 2688	RS1/8SQ132J
R 3031	RS1/8SQ475J
R 3032	RS1/8SQ182J
Other Resistors	RS1/10SR###J

CAPACITORS

C 2507,2508	CEAK101M16
C 2700	CCSQCH101J50
C 2701,2702,2707,2708	CEAK220M50
C 2709	CFHXSQ103J16
C 2971,2972,6703,6704	CCSRCH471J50
C 3001,3002	CEAK2R2M50
C 6701,6702	CEAK100M50



AUDIO ASSY (SC-LX59)

SEMICONDUCTORS

IC 2501	BD3473KS2
IC 2701,2703	TC4066BFT
IC 2702,2704	NJM4585M
Q 2701	DTC115EUA
Q 2702	DTA124EUA
Q 2971,6701	IMX25
Q 3001	2SD2400A
Q 3002	2SB1569A
D 3001,3002	DZ2J075M0

MISCELLANEOUS

JA 2501,6701 RCA JACK	AKB7246
JA 2505,2506 RCA JACK	AKB7247
CN2502 B TO B CONNECTOR	AKP7269
CN2503 CONNECTOR	9607S-15F
CN3001 20P SOCKET	AKP7249
JP 3001 CONNECTOR ASSY	PF05PG-S20

RESISTORS

R 2687	RS1/8SQ105J
R 2688	RS1/8SQ132J
R 3031	RS1/8SQ475J

Mark No. Description Part No.

R 3032	RS1/8SQ182J
Other Resistors	RS1/10SR###J

CAPACITORS

C 2507,2508	CEAK101M16
C 2683	CKSRYB103K50
C 2700	CCSQCH101J50
C 2701,2702,2707,2708	CEAK220M50
C 2709	CFHXSQ103J16
C 2971,2972,6703,6704	CCSRCH471J50
C 3001,3002	CEAK2R2M50
C 6701,6702	CEAK100M50



DAC HIGH ASSY (SC-95)

SEMICONDUCTORS

IC 2002	NJM2881F33
IC 2003	AK4118AEQ8
IC 2006	TC74VHC08FK
IC 2007	TC74VHC32FK
IC 2009,2010	ES9016SD1
IC 2011-2025,2033,2035	NJM4585M
IC 2026,2038	AK4388ET
IC 2027	PCM1804DB
IC 2028,2037	S-1172B12-E6
IC 2029,2031,2036	NJM2872BF33
IC 2030,2040	S-1172B33-E6
IC 2032,2039	NJM4565MD
IC 2034	NJM2845DL1-05
IC 2041,2042,2051-2053	NJM4585M
Q 2001,2002	HN1K02FU
Q 2003,2004	2SA1576A
Q 2005	2SC4081
D 2004,2007	DAN202U
D 2005,2006	DAP202U

MISCELLANEOUS

L 2001,2005,2006,2008	QTL1013
L 2009,2011,2012,2016	QTL1013
L 2010	VTL1129
JA 2002,2004	AKS7008
JA 2006	AKS7009
JA 2009	AKB7173
KN2001,2002	VNE1948
X 2001	ASS7124
CN2001,2002	BKP1047
CN2003	AKP7269
CN2004	AKP7249

RESISTORS

R 2003,2138-2140	RS1/16SS220J
R 2004,2005,2022,2028	RS1/16SS101J
R 2035	RS1/16SS1002F
R 2041	RS1/16SS181J
R 2042,2044-2046	RS1/16SS121J
R 2043	RS1/16SS471J
R 2047,2417-2419	RS1/16SS221J
R 2048,2117,2134,2135	RS1/16SS101J
R 2049,2051,2052	RS1/16SS470J
R 2050,2053,2421	RS1/16SS680J
R 2054-2056,2146	RS1/16SS470J
R 2058,2059	RS1/8SQ225J

5			6			7			8		
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.				
	R	2064,2122,5395,5396	RS1/16SS0R0J		C	2040	CEAK102M16				
	R	2066,2067,2073,2074	RS1/16SS100J		C	2043	ACH7388				
	R	2077-2083,2105-2112	RS1/16SS100J		C	2045	CCSRCH180J50			A	
					C	2046	CKSRYB474K16				
	R	2118-2121,2123,2149	RS1/16SS100J		C	2047	CCSSCH470J50				
	R	2141,2147,2148,2150	RS1/16SS101J								
	R	2151,2416,2420,2425	RS1/16SS101J		C	2051,2273	CEAK101M16				
	R	2167,2168,2195,2198	RS1/8SQ0R0J		C	2053,2058,2059,2065	CCSRCH100D50				
	R	2172,2174	RS1/4SA47J		C	2055	CEHAZL221M10				
					C	2082,2267,2291	CKSRYB103K50				
	R	2173,2175,5225,5447	RS1/4SA1R0J		C	2086	CCSRCH271J50				
	R	2190,2191,2196,2197	RS1/8SQ103J								
	R	2199,2200	RS1/8SQ103J		C	2087,2089,2091,2093	CEAK470M25				
	R	2204,2205,5407,5408	RS1/8SQ0R0J		C	2088,2092,2334,5402	CEAK221M16				
	R	2245,2248,2249,2252	RS1/4SA272J		C	2117,2118,2136	CKSQYB103K50				
					C	2125,2126,2316,2317	CEAK100M50			B	
	R	2253,2256,2257,2260	RS1/4SA272J		C	2128-2131,2281,2288	CFHXSQ103J16				
	R	2261,2264,2265,2268	RS1/4SA272J								
	R	2269,2272,2273,2276	RS1/4SA272J		C	2135,2350,2357,2491	CCSQCH331J50				
	R	2277,2280,2281,2284	RS1/4SA272J		C	2150-2169,2358,2408	CFHXSQ101J50				
	R	2285-2304,5233,5234	RS1/4SA123J		C	2190-2195,2198-2209	CCSQCH472J50				
					C	2196,2197,2412,2413	CCSQCH222J50				
	R	2305,2308,2309,2312	RS1/4SA272J		C	2215,2219,2221,2223	CCSQCH471J50				
	R	2313,2316,2325,2328	RS1/4SA332J								
	R	2317,2320,5235,5238	RS1/4SA562J		C	2217,2369,2414,2418	CCSQCH271J50				
	R	2321,2324,2337,2340	RS1/4SA272J		C	2225,2227,2229,2283	CCSQCH471J50				
	R	2329,2332,2333,2336	RS1/4SA332J		C	2230,2231,2233,2234	CEAK220M50				
					C	2238,2239,2305,2306	CEAK220M50				
	R	2341,2344,5229,5232	RS1/4SA272J		C	2240-2249,2266,2284	CKSQYB103K50			C	
	R	2422-2424	RS1/16SS121J								
	R	2428,5465	RS1/16SS473J		C	2268,2269,2292,2293	CKSRYB104K50				
	R	2436,2462	RS1/8SQ184J		C	2274,2287,2294,2384	CEAK470M25				
	R	2440-2443,5463,5472	RS1/16SS101J		C	2277,2298,2307,2352	CEHAZL101M10				
					C	2279,2282,2311,2351	CKSQYB104K50				
					C	2290	CEHAZL470M25				
	R	2446,2465,2474,5223	RS1/16SS100J								
	R	2485,2493	RS1/8SQ105J		C	2296,2318,2382,2386	CKSQYB103K50				
	R	2490	RS1/8SQ242J		C	2299	CCSQCH5R0C50				
	R	5377,5380	RS1/8SQ154J		C	2308	CCH1814				
	R	5378,5379	RS1/8SQ224J		C	2314,2315	DCH1263				
					C	2319,2320,2338,2339	CEAK100M50				
	R	5409-5412,5488,5489	RS1/8SQ100J								
	R	5417,5418,8220,8326	RS1/16SS100J		C	2322,2323,2393,2394	CCSRCH391J50			D	
	R	5419,5429,5430,8257	RS1/16SS0R0J		C	2324,2325,2395,2396	CCSRCH471J50				
	R	5448,5499	RS1/4SA1R0J		C	2329-2331,2335,2336	CFHXSQ103J16				
	R	5459-5462	RS1/16SS221J		C	2332	DCH1201				
					C	2342-2344,2349,2354	CFHXSQ103J16				
	R	5473	RS1/16SS101J								
	R	5500,8260,8261	RS1/4SA0R0J		C	2345,2348	CEAK101M35				
	R	8231-8233,8268,8269	RS1/16SS220J		C	2359	CFHXSQ102J50				
	R	8258	RS1/16SS0R0J		C	2362,5401	CKSQYB104K50				
	R	8281	RS1/16SS103J		C	2363	CCSQCH221J50				
					C	2366-2368,2370-2375	CCSQCH471J50				
	R	8283,8285	RS1/8SQ0R0J								
	R	8290,8293,8296,8299	RS1/4SA272J		C	2388,2403	CEHAZL101M10			E	
	R	8294,8295,8311,8312	RS1/4SA123J		C	2391,2392,2415,5433	CEAK220M50				
	R	8307,8310,8313,8316	RS1/4SA272J		C	2397,2398	CFHXSQ103J16				
		Other Resistors	RS1/10SR###J		C	2399,2400	CEAK100M50				
					C	2409,5412,5413,5423	CFHXSQ101J50				
CAPACITORS											
	C	2005,2006,2138,2139	CKSQYB104K50								
	C	2007,2099,2100,2102	CKSQYB103K50		C	2474,2476,5419,5430	CKSQYB103K50				
	C	2009,2021,2081,2083	CEAK221M16		C	2485	CEAK470M25				
	C	2011,2116,2211,2213	CCSQCH471J50		C	2486	ACE7106				
	C	2014,2098,2106,2133	CCSQCH331J50		C	2488	CCG1321				
					C	2490,2495	ACE7101				
	C	2029,2032,2499	ACE7097								
	C	2030,2033	ACE7100		C	2496	CFHXSQ331J50				
	C	2037,2050,2068	CKSSYB104K16		C	5404	CCSQCH331J50			F	
	C	2038	CCSSCH221J50		C	5416,5417,5427,5428	CCSQCH472J50				
	C	2039,2048,2071	CKSSYB103K25		C	5418,5421,5429,5432	CCSQCH471J50				
					C	5424	CFHXSQ101J50				

Mark	No.	Description	Part No.
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	C	5434	CEAK220M50
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Mark	No.	Description	Part No.
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R	2190,2191,2196,2197	RS1/8SQ103J
R	2199,2200	RS1/8SQ103J
R	2204,2205,5407,5408	RS1/8SQ0R0J
R	2245,2248,2249,2252	RS1/4SA272J

R	2253,2256,2257,2260	RS1/4SA272J
R	2261,2264,2265,2268	RS1/4SA272J
R	2269,2272,2273,2276	RS1/4SA272J
R	2277,2280,2281,2284	RS1/4SA272J
R	2285-2304,5233,5234	RS1/4SA123J

R	2305,2308,2309,2312	RS1/4SA272J
R	2313,2316,2325,2328	RS1/4SA332J
R	2317,2320,5235,5238	RS1/4SA562J
R	2321,2324,2337,2340	RS1/4SA272J
R	2329,2332,2333,2336	RS1/4SA332J

R	2341,2344,5229,5232	RS1/4SA272J
R	2422-2424	RS1/16SS121J
R	2428,5465	RS1/16SS473J
R	2436,2462	RS1/8SQ184J
R	2440-2443,5463,5472	RS1/16SS101J

R	2446,2465,2474,5223	RS1/16SS100J
R	2485,2493	RS1/8SQ105J
R	2490	RS1/8SQ242J
R	5377,5380	RS1/8SQ154J
R	5378,5379	RS1/8SQ224J

R	5409-5412,5488,5489	RS1/8SQ100J
R	5417,5418,8220,8326	RS1/16SS100J
R	5419,5429,5430,8257	RS1/16SS0R0J
R	5448,5499	RS1/4SA1R0J
R	5459-5462	RS1/16SS221J

R	5473	RS1/16SS101J
R	5500,8260,8261	RS1/4SA0R0J
R	8231-8233,8268,8269	RS1/16SS220J
R	8258	RS1/16SS0R0J
R	8281	RS1/16SS103J

R	8283,8285	RS1/8SQ0R0J
R	8290,8293,8296,8299	RS1/4SA272J
R	8294,8295,8311,8312	RS1/4SA123J
R	8307,8310,8313,8316	RS1/4SA272J
Other Resistors		RS1/10SR###J

CAPACITORS

C	2005,2006,2138,2139	CKSQYB104K50
C	2007,2099,2100,2102	CKSQYB103K50
C	2009,2021,2081,2083	CEAK221M16
C	2011,2116,2211,2213	CCSQCH471J50
C	2014,2106,2133,2135	CCSQCH331J50

C	2029,2032,2499	ACE7097
C	2030,2033	ACE7100
C	2037,2050,2068	CKSSYB104K16
C	2038	CCSSCH221J50
C	2039,2048,2071	CKSSYB103K25

C	2040	CEAK102M16
C	2043,2055	ACH7388
C	2045	CCSRCH180J50
C	2046	CKSRYB474K16
C	2047	CCSSCH470J50

C	2051,2273	CEAK101M16
C	2053,2058,2059,2065	CCSRCH100D50
C	2082,2267,2291	CKSRYB103K50
C	2086	CCSRCH271J50
C	2087,2089,2091,2093	CEAK470M25

SEMICONDUCTORS

IC	2002	NJM2881F33
IC	2003	AK4118AEQ8
IC	2006	TC74VHC08FK
IC	2007	TC74VHC32FK
IC	2009,2010	ES9016SD1

IC	2011-2025,2033,2035	NJM4585M
IC	2026,2038	AK4388ET
IC	2027	PCM1804DB

IC	2028,2037	S-1172B12-E6
IC	2029,2031,2036	NJM2872BF33

IC	2030,2040	S-1172B33-E6
IC	2032,2039	NJM4565MD
IC	2034	NJM2845DL1-05
IC	2041,2042,2051-2053	NJM4585M
Q	2001,2002	HN1K02FU

Q	2003,2004	2SA1576A
Q	2005	2SC4081
D	2004,2007	DAN202U
D	2005,2006	DAP202U

MISCELLANEOUS

L	2001,2005,2006,2008	QTL1013
L	2009,2011,2012,2016	QTL1013
L	2010	VTL1129
JA	2002,2004	AKS7008
JA	2006	AKS7009

JA	2009	AKB7173
KN	2001,2002	VNE1948
X	2001	ASS7124
CN	2001,2002	BKP1047
CN	2003	AKP7269

CN	2004	AKP7249
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RESISTORS

R	2003,2138-2140	RS1/16SS220J
R	2004,2005,2022,2028	RS1/16SS101J
R	2035	RS1/16SS1002F
R	2041	RS1/16SS181J
R	2042,2044-2046	RS1/16SS121J

R	2043	RS1/16SS471J
R	2047,2417-2419	RS1/16SS221J
R	2048,2117,2134,2135	RS1/16SS101J
R	2049,2051,2052	RS1/16SS470J
R	2050,2053,2421	RS1/16SS680J

R	2054-2056,2146	RS1/16SS470J
R	2058,2059	RS1/8SQ225J
R	2064,2122,5395,5396	RS1/16SS0R0J
R	2066,2067,2073,2074	RS1/16SS100J
R	2077-2083,2105-2112	RS1/16SS100J

R	2118-2121,2123,2149	RS1/16SS100J
R	2141,2147,2148,2150	RS1/16SS101J
R	2151,2416,2420,2425	RS1/16SS101J
R	2167,2168,2195,2198	RS1/8SQ0R0J
R	2172,2174	RS1/4SAR47J

R	2173,2175,5225,5447	RS1/4SA1R0J
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Mark	No.	Description	Part No.
	C	2088,2092,2334,5402	CEAK221M16
	C	2098	ACE7105
	C	2117,2118,2136	CKSQYB103K50
	C	2125,2126,2316,2317	CEAK100M50
	C	2128-2131,2281,2288	CFHXSQ103J16
	C	2150-2169,2358,2408	CFHXSQ101J50
	C	2190-2195,2198-2209	CCSQCH472J50
	C	2196,2197,2412,2413	CCSQCH222J50
	C	2215,2219,2221,2223	CCSQCH471J50
	C	2217,2369,2414,2418	CCSQCH271J50
	C	2225,2227,2229,2283	CCSQCH471J50
	C	2230,2231,2233,2234	CEAK220M50
	C	2238,2239,2305,2306	CEAK220M50
	C	2240-2249,2266,2284	CKSQYB103K50
	C	2268,2269,2292,2293	CKSRYB104K50
	C	2274,2287,2294,2384	CEAK470M25
	C	2277,2298,2307,2352	CEHAZL101M10
	C	2279,2282,2311,2351	CKSQYB104K50
	C	2290	CEHAZL470M25
	C	2296,2318,2382,2386	CKSQYB103K50
	C	2299	CCSQCH5R0C50
	C	2308	CCH1814
	C	2314,2315	DCH1263
	C	2319,2320,2338,2339	CEAK100M50
	C	2322,2323,2393,2394	CCSRCH391J50
	C	2324,2325,2395,2396	CCSRCH471J50
	C	2329-2331,2335,2336	CFHXSQ103J16
	C	2332	DCH1201
	C	2342-2344,2349,2354	CFHXSQ103J16
	C	2345,2348	CEAK101M35
	C	2350,2357,2491,5404	CCSQCH331J50
	C	2359	CFHXSQ102J50
	C	2362,5401	CKSQYB104K50
	C	2363	CCSQCH221J50
	C	2366-2368,2370-2375	CCSQCH471J50
	C	2388,2403	CEHAZL101M10
	C	2391,2392,2415,5433	CEAK220M50
	C	2397,2398	CFHXSQ103J16
	C	2399,2400	CEAK100M50
	C	2409,5412,5413,5423	CFHXSQ101J50
	C	2474,2476,5419,5430	CKSQYB103K50
	C	2485	CEAK470M25
	C	2486	ACE7106
	C	2488	ACE7112
	C	2490,2495	ACE7101
	C	2496	CFHXSQ331J50
	C	5416,5417,5427,5428	CCSQCH472J50
	C	5418,5421,5429,5432	CCSQCH471J50
	C	5424	CFHXSQ101J50
	C	5434	CEAK220M50



FRONT HDMI USB ASSY

SEMICONDUCTORS

⚠	IC	8002	BD82065FVJ
	IC	8003	PCA9517DGK
⚠	IC	8004	BD9329EFJ
	Q	8004	2SC4081
	D	8004	DZ2J056M0

Mark	No.	Description	Part No.
MISCELLANEOUS			
	L	8001,8002	ATL7010
	L	8003	CTH1446
	F	8001	DTL1106
	JA	8001	DKN1658
	JA	8002	AKP7286
	JA	8003	AKP7280
	KN	8001,8002	AKF7002
	CN	8001	AKM1279
	CN	8002	VKN1374
	JH	8002	AEF7008
	JP	8001	ADX7760
RESISTORS			
	R	8005,8052,8053	RS1/8SQ0R0J
	R	8009	RS1/10SR473J
	R	8022,8100,8101	RS1/10SR0R0J
	R	8033	RS1/8SQ105J
	R	8044	RS1/16SS1801F
	R	8045	RS1/16SS2200F
	R	8046	RS1/16SS8201F
	R	8055,8091	RS1/4SA105J
	R	8092-8095	RS1/8SQ0R0J
		Other Resistors	RS1/16SS###J
CAPACITORS			
	C	8001,8021	CCSSCH101J50
	C	8003,8042,8043	CCSSCH331J50
	C	8010	ACH7377
	C	8012,8017	CKSQYB103K50
	C	8014,8031	CCSRCH331J50
	C	8029,8037,8038	CKSRYB104K50
	C	8030	CKSRYB103K50
	C	8033,8044,8045	CCG1236
	C	8035	CCSRCH390J50
	C	8039	CCSRCH222J50
	C	8041	CCSRCH221J50
	C	8048	CEAK470M25
	C	8051	CCSQCH331J50
	C	8053	CCSRCH100D50
	C	8079	CCSRCH120J50



USB RECT_S ASSY

SEMICONDUCTORS

⚠	D	3651	D5SBA60
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MISCELLANEOUS

H	3651,3652	FUSE CLIP	AKR1004
KN	3651	EARTH TERMINAL	AKF7002
CN	3652,3653	2P TOP POST	B2B-EH
JH	3651-3654	PCB BINDER	AEF7008

RESISTORS

R	3652	RS1/4SA105J
R	3655	RS1/10SR0R0J
	Other Resistors	RS1/8SQ###J

CAPACITORS

C	3651	CFTLA104J50
C	3659	RS1/8SQ105J
C	3661	CKSQYB104K50
C	3662	CCSQCH331J50
C	3665,3666	CEAK472M25

Mark No. Description Part No.

Mark No. Description Part No.



DIGITAL MAIN ASSY (SC-95)

SEMICONDUCTORS

IC 101 R5S726B0D216FP
 IC 102,9001,9702 M12L64164A-5TG2Y
 IC 102,9001,9702 A3V64S40GTP-60
 IC 103 AYW7406
 IC 105,1521,9208 TC7SH08FUS1

IC 107,608,609,612 TC74VHCT08AFKS1
 IC 451 TPS65251RHA
 IC 603 PE7008A
 IC 604,1808 TC7WHU04FK
 IC 610,1509,1806 74VHC126FT

IC 611 74VHCT126AFT
 IC 613,1601,1603,1616 TC74VHC08FK
 IC 614,1502 TC74VHCT08AFKS1
 IC 615 TC7SZ126FUS1
 IC 901,903 74LCX541FT

IC 909 ADV7181CBSTZ
 IC 1204 88DE2750
 IC 1212 K4T51163QQ-BCE7
 IC 1216 BD3539NUX

IC 1501,1516,1815,1817 TC74VHC157FK
 IC 1503,1515,1814,1818 TC74LCX157FK
 IC 1507 TC7WH157FU
 IC 1508 TC7SET08FUS3
 IC 1511 ICS511MLF

IC 1602 MN864787
 IC 1605,1610,1615 BD2242G-G
 IC 1606-1608 TC74VCX541FK
 IC 1609 MN864788
 IC 1804 TC74LCX08FK

IC 9002 CS49844A
 IC 9004 AYW7408
 IC 9005 74VHC4040FT
 IC 9006,9101 TC74VHC157FK
 IC 9202 AYW7421

IC 9206 H337S3959
 IC 9402,9518 S-1172B10-U5
 IC 9403 MM3543BH
 IC 9404,9505 MM3529A18P
 IC 9406 MM3411A50N

IC 9407,9508 MM3529A25P
 IC 9408 MM3542BF
 IC 9502 S-13A1A00-E6
 IC 9504,9511 MM3529A50P
 IC 9512 NJM2872BF33

IC 9513 NJM2846DL3-33
 IC 9514,9515,9523 MIC94325YMT
 IC 9602 SII9589CTUC-3
 IC 9603 BD82065FVJ
 IC 9703 D808K013DPTP456

IC 9704 AYW7410
 Q 601,602,701,1501 DTC124EUA
 Q 603,1502-1505,1508 DTA124EUA
 Q 906-908,1001,1506 2SA1576A
 Q 909-911 2SC4081

Q 912 HN1K02FU

Q 1509 DTA124EUA
 Q 9001,9606,9608,9610 DTC114YUA
 Q 9603,9607,9609,9611 DTC124EUA
 D 601 RB501VM-40

D 603 1SS355

MISCELLANEOUS

L 102,103,105,106 VTL1129
 L 321,341,361,603 VTL1129
 L 342,9007,9704 RS1/16SS0R0J
 L 451 ATH7105
 L 452,9407 ATH7106

L 453,9410 ATH7107
 L 454,455,457-459 ATL7010
 L 475,476,918,1210 ATL7010
 L 604 RS1/16SS100J
 L 606,608,609,902 VTL1129

L 907,917,919,1208 VTL1129
 L 921 CTF1547
 L 922-924 ATL7033
 L 925-927 ATL7035
 L 1151-1154,1609-1612 ATH7099

L 1155,1618,1642 CTF1528
 L 1209,1501-1503 VTL1129
 L 1211,1601,9002,9003 ATL7010
 L 1505-1507,1515,1521 VTL1129
 L 1510,9004,9703,9705 VTL1128

L 1602,1604,1619-1621 VTL1129
 L 1617 VTL1126
 L 1638-1641,9215,9216 ATH7099
 L 1801,1806-1808,1810 VTL1129
 L 1815,9005,9009,9101 VTL1129

L 9203-9206,9402,9406 ATL7010
 L 9211,9219,9861 VTL1129
 L 9217 CTF1703
 L 9408,9411,9412,9502 ATL7010
 L 9505,9510-9513,9610 ATL7010

L 9612,9702 ATL7010
 L 9701 RS1/8SQ0R0J
 F 1603,1605-1608,1613 DTL1106
 F 1614,1622-1625 DTL1106
 JA 1601-1603,9601-9607 AKP7286

JA 9202 AKN7115
 JA 9620 AKP7286
 KN 602,9402,9403 VNE1948
 KN 9201 ANG7840
 X 101 ASS7120

X 602 ASS7126
 X 902 ASS7111
 X 1201 ASS7114
 X 1501 ASS7102
 X 1502 ASS7101

X 1601,1602 ASS7123
 X 9001 DSS1203
 CN 601 VKN2098
 CN 602 AKN7155
 CN 603 AKN7152

CN 901 AKN7073
 CN 1502 AKP7251
 CN 9202 AKM1276

5			6			7			8		
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.		Mark	No.	Description
		CN 9203,9204	AKM7235		R	9466	RS1/16SS1201F				
		CN 9501	B7B-EH		R	9485	RS1/8SQ225J				
		CN 9502	AKM1274		R	9513,9606,9609	RS1/8SQ0R0J	A			
		CN 9701,9702	BKP1047		R	9515	RS1/8SQ475J				
		JH 9501,9502	AEF7008		R	9525	RS1/4SA105J				
					R	9530,9567,9591,9641	RS1/8SQ105J				
					R	9571	RS1/16SS1301F				
RESISTORS					R	9596	RS1/16SS1802F				
	R	101-104,108-110	RAB4CQ101J		R	9762,9766,9770	RAB4CQ220J				
	R	117-120,1735,9016	RAB4CQ220J		R	9764,9781	RAB4CQ680J				
	R	124,132-135,189	RAB4CQ223J		R	9806	RS1/4SA0R0J				
	R	400,9444	RS1/16SS6800F		Other Resistors		RS1/16SS###J				
	R	401	RS1/16SS4701F		CAPACITORS						
	R	408	RS1/16SS2202F		C	101,104,107,116	CEVW101M16	B			
	R	453	RS1/16SS3002F		C	105,157,193,206	CCSSCH100D50				
	R	455,457,459	RS1/16SS4022F		C	109,148,186,187	CCSSCH8R0D50				
	R	456	RS1/16SS2702F		C	117,119,126,162	CCSSCH101J50				
	R	458	RS1/16SS1272F		C	118,1229,1549,1721	DCH1246				
	R	460,9437,9573	RS1/16SS2401F		C	120,124,130,133	CKSSYB103K25				
	R	469,9406,9469	RS1/16SS8202F		C	122,127,136,137	CKSSYB104K16				
	R	470,9470	RS1/16SS7501F		C	129,160,511,538	CCSSCH270J50				
	R	471	RS1/16SS3301F		C	132,196,1468,1771	CCSSCH120J50				
	R	477,478,789,1203	RS1/8SQ0R0J		C	138,146,153,155	CKSSYB103K25				
	R	480-483,9418,9447	RS1/8SQ105J		C	150,152,159,166	CKSSYB104K16	C			
	R	511,1159,1613,1661	RS1/16SS1003F		C	151,454,9061,9777	CCSSCH390J50				
	R	608,609,1725,1726	RAB4CQ100J		C	154,194,361,554	CCSSCH220J50				
	R	611-614,913,914	RAB4CQ101J		C	156,961,1035,1069	CCSSCH471J50				
	R	902-904,921	RAB4CQ0R0J		C	158,163,178,205	CKSSYB103K25				
	R	907,909,1201,1202	RAB4CQ473J		C	165,1204,1313,1326	CCSSCH150J50				
	R	910,911,1041,1049	RAB4CQ330J		C	171,208,216,322	CKSSYB104K16				
	R	1004,1100-1105	RS1/16SS4700F		C	176,492,624,648	CCSSCH470J50				
	R	1005	RS1/16SS5100F		C	180,665,666	CCSSCH7R0D50				
	R	1047,1048,1608,1611	RAB4CQ680J		C	192,406,498,572	CCSSCH330J50				
	R	1115,1451-1453	RS1/10SR0R0J		C	201,649,699,734	CCSSCH221J50				
	R	1160,1614,1662,9572	RS1/16SS6201F		C	207,213,217,218	CKSSYB103K25	D			
	R	1205,1207,1215,1242	RAB4CQ330J		C	212,219,363,619	CCSSCH101J50				
	R	1208,1243,1244,1343	RAB4CQ473J		C	221,223,342,362	CKSSYB103K25				
	R	1235	RAB4CQ472J		C	222,321,341	CCSSCH100D50				
	R	1245,1248,1249,1339	RAB4CQ330J		C	343,9101	CCSSCH820J50				
	R	1277,1284,1288,1289	RAB4CQ151J		C	405,407,9408,9433	CCG1222				
	R	1291	RAB4CQ151J		C	412,9022,9115	CCSRCH100D50				
	R	1342,1365,9007-9010	RAB4CQ330J		C	417,9634	ACG7114				
	R	1345-1348,1464	RAB4CQ473J		C	421,424,473,474	RS1/8SQ105J				
	R	1454-1457,1704,1705	RS1/8SQ0R0J		C	423,9425	CCSQCH330J50				
	R	1458-1460,1711,1712	RS1/10SR0R0J		C	451,656	CCSSCH680J50				
	R	1615,1616,1622,1625	RAB4CQ680J		C	453,499,601,602	CEVW101M16	E			
	R	1677,1679,1680,1687	RAB4CQ470J		C	455,495,496	CCG1332				
	R	1690	RAB4CQ470J		C	456,459,1207,1355	CEVW221M4				
	R	1710,9205-9207,9401	RS1/8SQ0R0J		C	457,623,1379,1506	CCSSCH560J50				
	R	1723,1724,1728,1729	RAB4CQ680J		C	460-462	CKSRYB473K50				
	R	1730,1731,9171,9804	RAB4CQ100J		C	463,464,483,612	CKSSYB103K25				
	R	1733,9011,9012,9018	RAB4CQ680J		C	465,1104-1106,1457	CCSSCH4R0C50				
	R	9017,9024,9031,9761	RAB4CQ220J		C	467,1095-1100,1359	CCSSCH5R0C50				
	R	9019,9756,9757,9763	RAB4CQ680J		C	476	CCSQCH100D50				
	R	9043,9050,9149,9785	RAB4CQ101J		C	477,479,9441,9538	CCSRCH222J50				
	R	9208,9209,9449,9805	RS1/10SR0R0J		C	481,9302,9504	CKSSYB223K16				
	R	9265,9266,9752-9755	RAB4CQ330J		C	482,9641	CKSSYB473K16	F			
	R	9404	RS1/16SS1002F		C	484-486,506-508	CCG1236				
	R	9408	RS1/16SS8201F		C	487	CCSRCH102J50				
	R	9431	ATL7010								
	R	9443	RS1/16SS2200F								

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	C	489,491,604,608	CCSSCH100D50	C	1361,1410,1411,1485	CCSSCH100D50	
	C	613,647,1461	CCSSCH151J50	C	1384,1409,1455,1466	CKSSYB104K16	
	C	616,618,628,633	CKSSYB103K25	C	1393,1648,1671,1680	CCSSCH220J50	
	C	617,625,626,638	CKSSYB104K16	C	1395,1559,1561,1631	CCSSCH150J50	
				C	1398,1451,1470,1623	CCSSCH331J50	
B	C	621,679,904,1206	CCSSCH220J50				
	C	627,639,650,659	CCSSCH101J50	C	1425,1456,1460,1471	CCSSCH101J50	
	C	634,640,737,740	CCSSCH100D50	C	1454,1458,1459,1462	CKSSYB103K25	
	C	636,644,653,664	CKSSYB103K25	C	1464,1513,1734,1748	CCSSCH471J50	
	C	641,642,645,662	CKSSYB104K16	C	1467,1490,1625,1642	CKSSYB104K16	
C				C	1474,1480,1518,1548	CCSSCH101J50	
	C	660,669,671,682	CCSSCH101J50				
	C	661,663,678,753	CCSSCH330J50	C	1475,1477,1484,1486	CKSSYB103K25	
	C	667,670,680,685	CKSSYB103K25	C	1482	CCH1814	
	C	675,962,964,1032	CKSSYB104K16	C	1487,1592	CCSSCH271J50	
D	C	690,697,705,708	CCSSCH101J50	C	1489,1536,1560,1650	CCSSCH221J50	
				C	1502,1537,1557,1565	CCSSCH100D50	
	C	713,739,741,1479	CCSSCH8R0D50				
	C	714,1025,1031,1042	CEVW101M16	C	1505,1522,1529,1535	CKSSYB103K25	
	C	717,718,743,744	CCSSCH470J50	C	1509,9545,9546	CEAK102M16	
E	C	735,749,751,752	CCSSCH101J50	C	1551,1556,1567,1593	CKSSYB103K25	
	C	742,745,746,755	CCSSCH100D50	C	1553,9027,9636,9770	CCSSCH270J50	
				C	1555,1620,1664,1743	CCSSCH330J50	
	C	748,750,1040,1244	CCSSCH221J50				
	C	756,1076,1511,1550	CCSSCH330J50	C	1562,1609,1637,1716	CCSSCH4R0C50	
F	C	757,9007,9750	RS1/16SS105J	C	1566	CEVW470M6R3	
	C	902,910,1027,1033	CCSSCH101J50	C	1584,1585,1645,1677	CCSSCH100D50	
	C	903,909,1010,1034	CKSSYB103K25	C	1586,1587,1590,1653	CCSSCH101J50	
				C	1595,1602,1624,1646	CKSSYB103K25	
	C	908,1647,1651,1663	CCSSCH470J50				
G	C	1001,1089-1091,9694	DCH1201	C	1604,1644,1690,1816	CCSSCH5R0C50	
	C	1024,1107-1109,1720	CCSSCH180J50	C	1614,1615,1781,1796	CCSSCH7R0D50	
	C	1028,1036,1274,1390	CCSSCH270J50	C	1618,1630,1655,1784	CEVW221M4	
	C	1037,1046,1070,1251	CCSSCH331J50	C	1627,1666,1688,1700	ACG7115	
				C	1633,1695,1696,1714	CCG1325	
H	C	1038,1043,1045,1047	CKSSYB103K25				
	C	1044	CKSSYB823K10	C	1649,1662,1667,1673	CKSSYB104K16	
	C	1048,1060,1063,1065	DCH1263	C	1652,1665,1669,1679	CKSSYB103K25	
	C	1049,1252	CCSSCH102J50	C	1654,9501	ACH7306	
	C	1050-1052,1055,1057	CKSSYB104K16	C	1659,1694,1766,1775	CCSSCH150J50	
I				C	1670,1731,1835,1855	CCSSCH221J50	
	C	1054,1056,1224,1236	CKSSYB103K25				
	C	1059,1061,1067,1068	CKSSYB104K16	C	1681,1684,1685,1689	CKSSYB103K25	
	C	1062,1088,1246,1286	CCSSCH100D50	C	1683,1710,1742,1750	CKSSYB104K16	
	C	1064,1075,1357,1660	CEVW101M16	C	1691,1699,1703,1706	CKSSYB103K25	
J	C	1071,1072,1092-1094	CKSSYB104K16	C	1692,1711,1768,9003	CCSSCH220J50	
				C	1702,1739,1754,1777	CCSSCH100D50	
	C	1074,1205,1352	DCH1263				
	C	1079,1084,1215,1231	CCSSCH101J50	C	1704	VCG1072	
	C	1101-1103,1333,1478	CCSSCH7R0D50	C	1705	CCSRCH272J50	
K	C	1110-1112,1213,1240	CKSSYB104K16	C	1708,1717,1741,1749	CCSSCH101J50	
	C	1153,1606,1611,1626	VCG1072	C	1713,1718,1735-1737	CKSSYB103K25	
				C	1725,1727,1728,1744	DCH1246	
	C	1155,1621,1693,9250	CKSRYB103K50				
	C	1203,1230,1349,1656	CKSQYB105K25	C	1738,9015,9056,9085	CCSSCH470J50	
L	C	1208,1427,1638,1764	ACH7399	C	1751,1755,1757,1774	CKSSYB103K25	
	C	1210	ACG7118	C	1752,1767,9231,9629	CCSSCH180J50	
	C	1220,1248,1278,1360	CCSSCH220J50	C	1753,1756,1770,1779	CKSSYB104K16	
				C	1763,1765,1935,9458	CEVW101M16	
	C	1228,9403,9405	ACG7113				
M	C	1238,1267,1270,1276	CKSSYB103K25	C	1769,1773,1783,9455	CKSQYB105K25	
	C	1254,1289,1297,1343	CKSSYB104K16	C	1772,9044,9054,9099	CCSSCH330J50	
	C	1256,1268,1322,1339	CCSSCH101J50	C	1776,1778,1790,1793	CKSSYB103K25	
	C	1285,1305,1319,1325	CKSSYB103K25	C	1780,9606,9608,9615	CCSSCH331J50	
				C	1785	CCSSCH4R0C50	
N	C	1299,1324,1388,1488	CCSSCH221J50				
	C	1311,1323,1346,1381	CCSSCH331J50	C	1788,1791,1797,1834	CKSSYB104K16	
	C	1334,1380,1426,1453	CKSSYB103K25	C	1789,1803,1846,9019	CCSSCH101J50	
	C	1353,9226,9228,9230	RS1/8SQ105J	C	1794	CCSSCH9R0D50	
	C	1358,1601,1610,1617	CEVW221M4	C	1795,9783	CCSSCH8R0D50	
O				C	1798,1801,1828,1845	CKSSYB103K25	

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A		IC 1508	TC7SET08FUS3				
		IC 1511	ICS511MLF		L 1602,1604,1619-1621	VTL1129	
					L 1617	VTL1126	
		IC 1602	MN864787		L 1638-1641,9215,9216	ATH7099	
	⚠	IC 1605,1610,1615	BD2242G-G		L 1801,1806-1808,1810	VTL1129	
		IC 1606-1608	TC74VCX541FK		L 1815,9005,9009,9101	VTL1129	
		IC 1609	MN864788				
B		IC 1804	TC74LCX08FK		L 9203-9206,9402,9406	ATL7010	
					L 9211,9219,9861	VTL1129	
		IC 9002	CS49844A		L 9217	CTF1703	
		IC 9004	AYW7408		L 9408,9411,9412,9502	ATL7010	
		IC 9005	74VHC4040FT		L 9505,9510-9513,9610	ATL7010	
		IC 9006,9101	TC74VHC157FK				
		IC 9202	AYW7421		L 9612,9701,9702	ATL7010	
C		IC 9206	H337S3959		F 1603,1605-1608,1613	DTL1106	
	⚠	IC 9402,9518	S-1172B10-U5		F 1614,1622-1625	DTL1106	
	⚠	IC 9403	MM3543BH		JA 1601-1603,9601-9607	AKP7286	
	⚠	IC 9404,9505	MM3529A18P		JA 9202	AKN7115	
	⚠	IC 9406	MM3411A50N				
					JA 9620	AKP7286	
					KN 602,9402,9403	VNE1948	
D	⚠	IC 9407,9508	MM3529A25P		KN 9201	ANG7840	
	⚠	IC 9408	MM3542BF		X 101	ASS7120	
	⚠	IC 9502	S-13A1A00-E6		X 602	ASS7126	
	⚠	IC 9504,9511	MM3529A50P				
	⚠	IC 9512	NJM2872BF33		X 902	ASS7111	
					X 1201	ASS7114	
					X 1501	ASS7102	
E	⚠	IC 9513	NJM2846DL3-33		X 1502	ASS7101	
	⚠	IC 9514,9515,9523	MIC94325YMT		X 1601,1602	ASS7123	
		IC 9602	SII9589CTUC-3				
	⚠	IC 9603	BD82065FVJ		X 9001	DSS1203	
		IC 9703	D808K013DPTP456		CN 601	VKN2098	
					CN 602	AKN7155	
		IC 9704	AYW7410		CN 603	AKN7152	
F		Q 601,602,701,1501	DTC124EUA		CN 901	AKN7073	
		Q 603,1502-1505,1508	DTA124EUA				
		Q 906-908,1001,1506	2SA1576A				
		Q 909-911	2SC4081		CN 1502	AKP7251	
					CN 9202	AKM1276	
		Q 912	HN1K02FU		CN 9203,9204	AKM7235	
		Q 1509	DTA124EUA		CN 9501	B7B-EH	
G		Q 9001,9606,9608,9610	DTC114YUA		CN 9502	AKM1274	
		Q 9603,9607,9609,9611	DTC124EUA				
		D 601	RB501VM-40		CN 9701,9702	BKP1047	
					JH 9501,9502	AEF7008	
		D 603	1SS355				
MISCELLANEOUS				RESISTORS			
H		L 102,103,105,106	VTL1129		R 101-104,108-110	RAB4CQ101J	
		L 321,341,361,603	VTL1129		R 117-120,1735,9016	RAB4CQ220J	
		L 342,9007,9704	RS1/16SS0R0J		R 124,132-135,189	RAB4CQ223J	
		L 451	ATH7105		R 400,9444	RS1/16SS6800F	
		L 452,9407	ATH7106		R 401	RS1/16SS4701F	
I		L 453,9410	ATH7107		R 408	RS1/16SS2202F	
		L 454,455,457-459	ATL7010		R 453	RS1/16SS3002F	
		L 475,476,918,1210	ATL7010		R 455,457,459	RS1/16SS4022F	
		L 604	RS1/16SS100J		R 456	RS1/16SS2702F	
		L 606,608,609,902	VTL1129		R 458	RS1/16SS1272F	
J		L 907,917,919,1208	VTL1129		R 460,9437,9573	RS1/16SS2401F	
		L 921	CTF1547		R 469,9406,9469	RS1/16SS8202F	
		L 922-924	ATL7033		R 470,9470	RS1/16SS7501F	
		L 925-927	ATL7035		R 471	RS1/16SS3301F	
		L 1151-1154,1609-1612	ATH7099		R 477,478,789,1203	RS1/8SQ0R0J	
K		L 1155,1618,1642	CTF1528		R 480-483,9418,9447	RS1/8SQ105J	
		L 1209,1501-1503	VTL1129		R 511,1159,1613,1661	RS1/16SS1003F	
		L 1211,1601,9002,9003	ATL7010		R 608,609,1725,1726	RAB4CQ100J	
		L 1505-1507,1515,1521	VTL1129		R 611-614,913,914	RAB4CQ101J	
		L 1510,9004,9703,9705	VTL1128		R 902-904,921	RAB4CQ0R0J	

5			6			7			8				
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.		Mark	No.	Description	Part No.	
R	907,909,1201,1202		RAB4CQ473J	C	158,163,178,205		CKSSYB103K25						
R	910,911,1041,1049		RAB4CQ330J										
R	1004,1100-1105		RS1/16SS4700F	C	165,1204,1313,1326		CCSSCH150J50						A
R	1005		RS1/16SS5100F	C	171,208,216,322		CKSSYB104K16						
R	1047,1048,1608,1611		RAB4CQ680J	C	176,492,624,648		CCSSCH470J50						
				C	180,665,666		CCSSCH7R0D50						
R	1115,1451-1453		RS1/10SR0R0J	C	192,406,498,572		CCSSCH330J50						
R	1160,1614,1662,9572		RS1/16SS6201F										
R	1205,1207,1215,1242		RAB4CQ330J	C	201,649,699,734		CCSSCH221J50						
R	1208,1243,1244,1343		RAB4CQ473J	C	207,213,217,218		CKSSYB103K25						
R	1235		RAB4CQ472J	C	212,219,363,619		CCSSCH101J50						
				C	221,223,342,362		CKSSYB103K25						
R	1245,1248,1249,1339		RAB4CQ330J	C	222,321,341		CCSSCH100D50						
R	1277,1284,1288,1289		RAB4CQ151J										
R	1291		RAB4CQ151J	C	343,9101		CCSSCH820J50						
R	1342,1365,9007-9010		RAB4CQ330J	C	405,407,9408,9433		CCG1222						B
R	1345-1348,1464		RAB4CQ473J	C	412,9022,9115		CCSRCH100D50						
				C	417,9488,9634		ACG7114						
R	1454-1457,1704,1705		RS1/8SQ0R0J	C	421,424,473,474		RS1/8SQ105J						
R	1458-1460,1711,1712		RS1/10SR0R0J										
R	1615,1616,1622,1625		RAB4CQ680J	C	423,9425		CCSQCH330J50						
R	1677,1679,1680,1687		RAB4CQ470J	C	446,614,1482,1605		CCH1814						
R	1690		RAB4CQ470J	C	451,656		CCSSCH680J50						
				C	453,499,601,602		CEVW101M16						
R	1710,9205-9207,9401		RS1/8SQ0R0J	C	455,495,496		CCG1332						
R	1723,1724,1728,1729		RAB4CQ680J										
R	1730,1731,9171,9804		RAB4CQ100J	C	456,459,1207,1355		CEVW221M4						
R	1733,9011,9012,9018		RAB4CQ680J	C	457,623,1379,1506		CCSSCH560J50						
R	9017,9024,9031,9761		RAB4CQ220J	C	460-462		CKSRYB473K50						C
				C	463,464,483,612		CKSSYB103K25						
R	9019,9756,9757,9763		RAB4CQ680J	C	465,1104-1106,1457		CCSSCH4R0C50						
R	9043,9050,9149,9785		RAB4CQ101J										
R	9208,9209,9449,9805		RS1/10SR0R0J	C	467,1095-1100,1359		CCSSCH5R0C50						
R	9265,9266,9752-9755		RAB4CQ330J	C	476,1704		ACE7100						
R	9404		RS1/16SS1002F	C	477,479,9441,9538		CCSRCH222J50						
				C	481,9302,9504		CKSSYB223K16						
R	9408		RS1/16SS8201F	C	482,9641		CKSSYB473K16						
R	9431		ATL7010										
R	9443		RS1/16SS2200F	C	484-486,506-508		CCG1236						
R	9466		RS1/16SS1201F	C	487		CCSRCH102J50						
R	9485		RS1/8SQ225J	C	489-491,604,608		CCSSCH100D50						
				C	613,647,1461		CCSSCH151J50						D
R	9513,9606,9609		RS1/8SQ0R0J	C	616,618,628,633		CKSSYB103K25						
R	9515		RS1/8SQ475J										
R	9525		RS1/4SA105J	C	617,625,626,638		CKSSYB104K16						
R	9530,9567,9591,9641		RS1/8SQ105J	C	621,679,904,1206		CCSSCH220J50						
R	9571		RS1/16SS1301F	C	627,639,650,659		CCSSCH101J50						
				C	634,640,737,740		CCSSCH100D50						
R	9596		RS1/16SS1802F	C	636,644,653,664		CKSSYB103K25						
R	9762,9766,9770		RAB4CQ220J										
R	9764,9781		RAB4CQ680J	C	641,642,645,662		CKSSYB104K16						
R	9806		RS1/4SA0R0J	C	660,669,671,682		CCSSCH101J50						
Other Resistors			RS1/16SS###J	C	661,663,678,753		CCSSCH330J50						
				C	667,670,680,685		CKSSYB103K25						
				C	675,962,964,1032		CKSSYB104K16						E
CAPACITORS													
C	101,104,107,116		CEVW101M16	C	690,697,705,708		CCSSCH101J50						
C	105,157,193,206		CCSSCH100D50	C	713,739,741,1479		CCSSCH8R0D50						
C	109,148,186,187		CCSSCH8R0D50	C	714,1025,1031,1042		CEVW101M16						
C	117,119,126,162		CCSSCH101J50	C	717,718,743,744		CCSSCH470J50						
C	118,1229,1549,1721		DCH1246	C	735,749,751,752		CCSSCH101J50						
C	120,124,130,133		CKSSYB103K25	C	742,745,746,755		CCSSCH100D50						
C	122,127,136,137		CKSSYB104K16	C	748,750,1040,1244		CCSSCH221J50						
C	129,160,511,538		CCSSCH270J50	C	756,1076,1511,1550		CCSSCH330J50						
C	132,196,1468,1771		CCSSCH120J50	C	757,9007,9750		RS1/16SS105J						
C	138,146,153,155		CKSSYB103K25	C	902,910,1027,1033		CCSSCH101J50						
C	150,152,159,166		CKSSYB104K16	C	903,909,1010,1034		CKSSYB103K25						F
C	151,454,9061,9777		CCSSCH390J50	C	908,1647,1651,1663		CCSSCH470J50						
C	154,194,361,554		CCSSCH220J50	C	1001,1089-1091,9694		DCH1201						
C	156,961,1035,1069		CCSSCH471J50										

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	C	1024,1107-1109,1720	CCSSCH180J50	C	1618,1630,1655,1784	CEVW221M4	
	C	1028,1036,1274,1390	CCSSCH270J50	C	1627,1666,1688,1700	ACG7115	
	C	1037,1046,1070,1251	CCSSCH331J50	C	1633,1714	ACG7117	
	C	1038,1043,1045,1047	CKSSYB103K25	C	1649,1662,1667,1673	CKSSYB104K16	
	C	1044	CKSSYB823K10	C	1652,1665,1669,1679	CKSSYB103K25	
	C	1048,1060,1063,1065	DCH1263	C	1654,9501	ACH7306	
B	C	1049,1252	CCSSCH102J50	C	1659,1694,1766,1775	CCSSCH150J50	
	C	1050-1052,1055,1057	CKSSYB104K16	C	1670,1731,1835,1855	CCSSCH221J50	
	C	1054,1056,1224,1236	CKSSYB103K25	C	1681,1684,1685,1689	CKSSYB103K25	
	C	1059,1061,1067,1068	CKSSYB104K16	C	1683,1710,1742,1750	CKSSYB104K16	
	C	1062,1088,1246,1286	CCSSCH100D50	C	1691,1699,1703,1706	CKSSYB103K25	
	C	1064,1075,1357,1660	CEVW101M16	C	1692,1711,1768,9003	CCSSCH220J50	
C	C	1071,1072,1092-1094	CKSSYB104K16	C	1695,1696,9416,9457	CCG1325	
	C	1074,1205,1352	DCH1263	C	1702,1739,1754,1777	CCSSCH100D50	
	C	1079,1084,1215,1231	CCSSCH101J50	C	1705,9118,9213,9761	ACE7113	
	C	1101-1103,1333,1478	CCSSCH7R0D50	C	1708,1717,1741,1749	CCSSCH101J50	
	C	1110-1112,1213,1240	CKSSYB104K16	C	1713,1718,1735-1737	CKSSYB103K25	
	C	1153,1606,1611,1626	VCG1072	C	1725,1727,1728,1744	DCH1246	
D	C	1155,1621,1693,9250	CKSRYB103K50	C	1738,9015,9056,9085	CCSSCH470J50	
	C	1203,1230,1349,1656	CKSQYB105K25	C	1751,1755,1757,1772	CKSSYB103K25	
	C	1208,1427,1638,1764	ACH7399	C	1752,1767,9231,9629	CCSSCH180J50	
	C	1210	ACG7118	C	1753,1756,1770,1779	CKSSYB104K16	
	C	1220,1248,1278,1360	CCSSCH220J50	C	1763,1765,1935,9458	CEVW101M16	
	C	1228,9403,9405	ACG7113	C	1769,1773,1783,9455	CKSQYB105K25	
E	C	1238,1267,1270,1276	CKSSYB103K25	C	1774,1776,1778,1789	CKSSYB103K25	
	C	1254,1289,1297,1343	CKSSYB104K16	C	1780,9606,9608,9615	CCSSCH331J50	
	C	1256,1268,1322,1339	CCSSCH101J50	C	1785	CCSSCH4R0C50	
	C	1285,1305,1319,1325	CKSSYB103K25	C	1788,1791,1797,1834	CKSSYB104K16	
	C	1299,1324,1388,1488	CCSSCH221J50	C	1790,1793,1798,1801	CKSSYB103K25	
	C	1311,1323,1346,1381	CCSSCH331J50	C	1794	CCSSCH9R0D50	
F	C	1334,1380,1426,1453	CKSSYB103K25	C	1795,9783	CCSSCH8R0D50	
	C	1353,9226,9228,9230	RS1/8SQ105J	C	1799,9009,9020,9034	CCSSCH100D50	
	C	1358,1601,1610,1617	CEVW221M4	C	1803,1846,9019,9024	CCSSCH101J50	
	C	1361,1410,1411,1485	CCSSCH100D50	C	1822,9218,9701,9731	CCSSCH150J50	
	C	1384,1409,1455,1466	CKSSYB104K16	C	1828,1845,9011,9013	CKSSYB103K25	
	C	1393,1648,1671,1680	CCSSCH220J50	C	1839	CKSRYB105K16	
G	C	1395,1559,1561,1631	CCSSCH150J50	C	1854,1932,9014,9023	CKSSYB104K16	
	C	1398,1451,1470,1623	CCSSCH331J50	C	1934	CFHXSQ103J16	
	C	1425,1456,1460,1471	CCSSCH101J50	C	9002,9233,9249,9315	CCSSCH7R0D50	
	C	1454,1458,1459,1462	CKSSYB103K25	C	9004,9314,9747	ACH7399	
	C	1464,1513,1734,1748	CCSSCH471J50	C	9005,9029,9232,9436	CEVW221M4	
	C	1467,1490,1625,1642	CKSSYB104K16	C	9016,9021,9028,9035	CKSSYB103K25	
H	C	1474,1480,1518,1548	CCSSCH101J50	C	9025,9031,9042,9051	CKSSYB104K16	
	C	1475,1477,1484,1486	CKSSYB103K25	C	9026,9032,9039,9046	CCSSCH101J50	
	C	1487,1592	CCSSCH271J50	C	9030	ACG7115	
	C	1489,1536,1560,1650	CCSSCH221J50	C	9037,9041,9065,9074	CCSSCH100D50	
	C	1502,1537,1557,1565	CCSSCH100D50	C	9038	CFHXSQ182J16	
	C	1505,1522,1529,1535	CKSSYB103K25	C	9040,9043,9048,9052	CKSSYB103K25	
I	C	1509,9545,9546	CEAK102M16	C	9044,9054,9099,9485	CCSSCH330J50	
	C	1551,1556,1567,1593	CKSSYB103K25	C	9049,9055,9301,9599	CCSSCH220J50	
	C	1553,9027,9636,9770	CCSSCH270J50	C	9053,9057,9064,9083	CCSSCH101J50	
	C	1555,1620,1664,1743	CCSSCH330J50	C	9058,9066,9088,9337	CKSSYB104K16	
	C	1562,1609,1637,1716	CCSSCH4R0C50	C	9063,9069,9084,9089	CKSSYB103K25	
	C	1566	CEVW470M6R3	C	9075,9332,9529,9799	CKSRYB104K50	
J	C	1584,1585,1645,1677	CCSSCH100D50	C	9093,9094,9098,9102	CKSSYB103K25	
	C	1586,1587,1590,1653	CCSSCH101J50	C	9096,9103,9126,9229	CCSSCH100D50	
	C	1595,1602,1624,1646	CKSSYB103K25	C	9227,9338,9434,9454	CCSSCH101J50	
	C	1604,1644,1690,1816	CCSSCH5R0C50	C	9234,9418,9557	RS1/8SQ105J	
	C	1614,1615,1781,1796	CCSSCH7R0D50	C	9235,9647,9758,9784	CCSSCH470J50	

Mark	No.	Description	Part No.
	C	9822	CCSSCH470J50
	C	9861	CCSSCH220J50
	C	9862	CKSSYB104K16
	C	9910,9912	DCH1246
F INTERFACE_S ASSY (SC-95)			
<u>SEMICONDUCTORS</u>			
	Q	7001-7003,7013,7015	DTC124EUA
	Q	7005	2SA1576A
	Q	7008,7010	2SA1036K
	Q	7014,7016	DTA124EUA
	D	7005	DAN202U
	D	7007,7009	RB501VM-40
<u>MISCELLANEOUS</u>			
	L	7001 CHIP SOLID INDUCTOR	ATL7002
	L	7005-7007 CHIP SOLID INDUCTOR	QTL1013
	JA	7001,7004,7005 JACK	VKB1243
	JA	7003 JACK	AKN-209
	KN	7001 SCREW PLATE	VNE1948
	KN	7002,7004-7006 EARTH TERMINAL	AKF7002
	CN	7003 B TO B CONNECTOR	AKM7225
	CN	7004 B TO B CONNECTOR	AKM7222
	CN	7006 CONNECTOR	9604S-19C
	CN	7009 CONNECTOR	CKS3368
	CN	7010 CONNECTOR	9604S-15C
	CN	7011 B TO B 19PIN PLUG	AKM7105
	JH	7003,7004 PCB BINDER	AEF7008
<u>RESISTORS</u>			
		All Resistors	RS1/10SR###J
<u>CAPACITORS</u>			
	C	7002-7005	CCSRCH100D50
	C	7007	CKSRYB104K50
	C	7013,7015,7016	CKSQYB103K50
	C	7112	CEAK221M16
	C	7113	CCSRCH331J50
F INTERFACE_S ASSY (SC-LX59)			
<u>SEMICONDUCTORS</u>			
	Q	7001-7003,7013,7015	DTC124EUA
	Q	7005	2SA1576A
	Q	7008,7010	2SA1036K
	Q	7014,7016	DTA124EUA
	D	7005	DAN202U
	D	7007,7009	RB501VM-40
<u>MISCELLANEOUS</u>			
	L	7001 CHIP SOLID INDUCTOR	ATL7002
	L	7005-7007 CHIP SOLID INDUCTOR	QTL1013
	JA	7001,7004,7005 JACK	VKB1243
	JA	7003 JACK	AKN-209
	KN	7001 SCREW PLATE	VNE1948
	KN	7002,7004-7006 EARTH TERMINAL	AKF7002
	CN	7003 B TO B CONNECTOR	AKM7225
	CN	7004 B TO B CONNECTOR	AKM7222
	CN	7006 CONNECTOR	9604S-19C
	CN	7009 CONNECTOR	CKS3368
	CN	7010 CONNECTOR	9604S-15C
	CN	7011 B TO B 19PIN PLUG	AKM7105
	JH	7003,7004 PCB BINDER	AEF7008

SEMICONDUCTORS

Q 7001,7003,7013,7015	DTC124EUA
Q 7005	2SA1576A
Q 7008,7010	2SA1036K
Q 7014,7016	DTA124EUA
D 7005	DAN202U
D 7007,7009	RB501VM-40

MISCELLANEOUS

L 7001	CHIP SOLID INDUCTOR	ATL7002
L 7005-7007	CHIP SOLID INDUCTOR	QTL1013
JA 7001,7004,7005	JACK	VKB1243
JA 7003	JACK	AKN-209
KN7001	SCREW PLATE	VNE1948
KN 7002,7004-7006	EARTH TERMINAL	AKF7002
CN 7003	B TO B CONNECTOR	AKM7225
CN 7004	B TO B CONNECTOR	AKM7222
CN 7006	CONNECTOR	9604S-19C
CN 7009	CONNECTOR	CKS3368
CN 7010	CONNECTOR	9604S-15C
CN 7011	B TO B 19PIN PLUG	AKM7105
JH 7003,7004	PCB BINDER	AFF7008

RESISTORS

All Resistors RS1/10SR###J

CAPACITORS

C 7002-7005	CSCRCH100D50
C 7007	CKSRYP104K50
C 7013,7015,7016	CKSQYB103K50
C 7112	CEAK221M16
C 7113	CSCRCH331J50

SEMICONDUCTORS

Q 7001-7003,7013,7015	DTC124EUA
Q 7005	2SA1576A
Q 7008,7010	2SA1036K
Q 7014,7016	DTA124EUA
D 7005	DAN202U
D 7007,7009	RB501VM-40

MISCELLANEOUS

L 7001	CHIP SOLID INDUCTOR	ATL7002
L 7005-7007	CHIP SOLID INDUCTOR	QTL1013
JA 7001,7004,7005	JACK	VKB1243
JA 7003	JACK	AKN-209
KN 7001	SCREW PLATE	VNE1948
KN 7002,7004-7006	EARTH TERMINAL	AKF7002
CN 7003	B TO B CONNECTOR	AKM7225
CN 7004	B TO B CONNECTOR	AKM7222
CN 7006	CONNECTOR	9604S-19C
CN 7009	CONNECTOR	CKS3368
CN 7010	CONNECTOR	9604S-15C
CN 7011	B TO B 19PIN PLUG	AKM7105

Mark	No.	Description	Part No.
		JH 7003,7004 PCB BINDER	AEF7008

Mark	No.	Description	Part No.
		C 3607	CCSRCH181J50

RESISTORS

R 7110,7111
Other Resistors

RS1/4SA105J
RS1/10SR###J

CAPACITORS

C 7002-7005
C 7007
C 7013,7015,7016
C 7112
C 7113

CCSRCH100D50
CKSRYB104K50
CKSQYB103K50
CEAK221M16
CCSRCH331J50

G COMPONENT ASSY**SEMICONDUCTORS**

IC 8301
IC 8601
Q 8603
Q 8604
Q 8605

NJW1328FH2
HIN202EIBNZ
2SC4081
2SA1576A
DTC114EUA

Q 8606
D 8601,8605

HN1K02FU
1SS355

MISCELLANEOUS

JA 8301
JA 8601
CN 8301
CN 8302
JP 8402

AKB7227
AKP7256
AKM7107
AKM7171
PF04PG-S10

RESISTORS

R 8301-8303
R 8557
Other Resistors

RS1/10SR75R0F
RS1/8SQ0R0J
RS1/10SR###J

CAPACITORS

C 8301,8383,8613
C 8305,8313,8326,8341
C 8342,8536,8538,8543
C 8358,8359
C 8360,8541,8601

CEAK101M16
CEAK1R0M50
CEAK1R0M50
CCSRCH220J50
CKSRYB103K50

C 8376,8377,8379,8611
C 8378
C 8381
C 8528-8535,8540,8542
C 8537,8539,8610,8618

CCSRCH100D50
CCSRCH471J50
CKSRYB105K16
CKSRYB104K50
CCSRCH331J50

C 8544-8547,8602
C 8548,8549
C 8604-8606
C 8612,8617
C 8614

CKSRYB104K50
CEAK102M6R3
CKSRYB104K50
CCSRCH100D50
CCSRCH101J50

H COMPOSITE ASSY**MISCELLANEOUS**

JA 3601 1P PIN JACK
JA 3602 RCA JACK
CN 3601 20P SOCKET

AKB7231
AKB7252
AKP7249

RESISTORS

R 3607,3637,3639
Other Resistors

RS1/10SR0R0J
RS1/10SR####F

CAPACITORS**I MIC HP ASSY****SEMICONDUCTORS**

IC 3471
Q 3451
Q 3452-3455
D 3473-3475

NJM4565MD
DTC124EUA
2SD2704K
DZ2J051M0

MISCELLANEOUS

JA 3471 JACK
JA 3476 HEADPHONE JACK
KN 3471,3472 EARTH TERMINAL
CN 3472 CONNECTOR

VKB1243
XKB3066
AKF7002
9604S-15C

RESISTORS

R 3455
R 3456,3459
Other Resistors

RS1/8SQ330J
RS1/4SA0R0J
RS1/10SR###J

CAPACITORS

C 3451,3452
C 3457,3479
C 3473
C 3475
C 3476,3477

CKSQYB822K50
CCSRCH101J50
CCSQCH471J50
CCSQCH101J50
CCSRCH330J50

C 3478

CEAK100M50

J DISPLAY ASSY**SEMICONDUCTORS**

NSP IC 6001
⚠ IC 6002
IC 6003
Q 6001
Q 6002-6010,6012

R5F100MHFA
NJM2878F3-33
PD8198A
RU1C001UN
DTC124EUA

Q 6011
Q 6013
Q 6014
D 6001
D 6002

DTA124EUA
2SA1576A
2SC4081
RB751V-40
DAN217U

D 6006,6008,6010,6012
D 6014
D 6017

SLR343BC4T
SLR343BC4T
DZ2J056M0

MISCELLANEOUS

L 6001 CHIP SOLID INDUCTOR
KN 6001 FL HOLDER(FE)
V 6001 FL TUBE DISPLAY
S 6001-6019 SWITCH
CN 6001 39P CONNECTOR

ATL7002
VNF1096
AAV7115
ASG7029
VKN2098

CN 6003 5P CONNECTOR
JH 6002 4P CABLE HOLDER
JH 6003,6004 3P CABLE HOLDER
JP 6001 HOUSING
JP 6002 JUMPER WIRE

VKN1820
51048-0400
51048-0300
ADX7776
D20PYY0410E

JP 6003,6004 JUMPER WIRE

NSP U 6001 IC

D20PYY0310E
GP1UE274XKC4

RESISTORS

R 3485
R 3498,3499

RS1/8SQ330J
RS1/8SQ100J

5		6		7		8	
Mark	No. Description	Part No.	Mark	No. Description	Part No.		
	R 6304 Other Resistors	RS1/8SQ105J RS1/10SR###J		C 3402	CKSRYB104K50		
CAPACITORS			M ENCODER ASSY			A	
	C 3460	CCG1236	MISCELLANEOUS				
	C 3480	DCH1263	S 3501	ROTARY ENCODER	ASX7054		
	C 3483,3484,6051,6053	CEAK101M16	CN3501	3P JUMPER CONNECTOR	52147-0310		
	C 3485,6016,6017	CKSQYB105K25	RESISTORS				
	C 3486,6013,6014,6037	CKSQYB103K50	All Resistors		RS1/10SR###J		
	C 3488	CKSQYB223K50	CAPACITORS				
	C 3490,6034,6038,6042	CCSRCH331J50	C 3501,3502		CKSQYB103K50		
	C 3491,6022,6055,6058	CCSRCH470J50	IR BUFFER_S ASSY (SC-95)			B	
	C 3496,6001,6006,6010	CKSRYB103K50	SEMICONDUCTORS				
	C 6004	CKSRYB474K16	IC 6801,6821,6841,6861		NJM4585M		
	C 6005,6045,6070-6073	CCSRCH471J50	IC 6881,6901,6921,7451		NJM4585M		
	C 6007	CCSRCH101J50	IC 7471		NJM4585M		
	C 6008,6011,6026,6044	CKSRYB104K50	IC 7491		TC4053BFT		
	C 6009	CKSRYB472K50	Q 6801,6821,6841,6861		2SD2704K		
	C 6012	CKSRYB473K50	Q 6881,6901,6921,7451		2SD2704K		
	C 6018	CCSQCH331J50	Q 7471		2SD2704K		
	C 6020,6039	CKSQYB104K50	MISCELLANEOUS			C	
	C 6024,6025,6030,6089	CKSRYB103K50	KN 6801	EARTH TERMINAL	AKF7002		
	C 6027,6048	CEAK221M16	CN 6801-680324P	SOCKET	AKP7251		
	C 6032,6035,6047,6092	CCSRCH100D50	RESISTORS				
	C 6043,6068	CKSQYB103K50	R 6801,6808,6821,6828		RS1/10SR8201F		
	C 6046	CKSQYB473K50	R 6802,6807,6822,6827		RS1/10SR3302F		
	C 6054,6056,6057,6074	CCSRCH221J50	R 6815		RS1/8SQ224J		
	C 6059-6061,6064,6067	CCSRCH331J50	R 6816,6835,6836,6855		RS1/8SQ225J		
	C 6063	CCSRCH470J50	R 6841,6848,6861,6868		RS1/10SR8201F		
	C 6066	CEAK470M50	R 6842,6847,6862,6867		RS1/10SR3302F		
	C 6075-6082,6084-6086	CCSRCH471J50	R 6856,6875,6876,6895		RS1/8SQ225J		
	C 6083,6091,6098	CCSRCH331J50	R 6881,6888,6901,6908		RS1/10SR8201F		
	C 6090,6095	CKSRYB103K50	R 6882,6887,6902,6907		RS1/10SR3302F		
	C 6093	CCSRCK2R0C50	R 6896,6915,6916,6935		RS1/8SQ225J		
	C 6094,6096,6301,6302	CCSRCH100D50	R 6921,6928,7451,7458		RS1/10SR8201F		
	C 6107	CCSRCH220J50	R 6922,6927,7452,7457		RS1/10SR3302F		
	C 6300	CCSRCH390J50	R 6936,7465,7466,7485		RS1/8SQ225J		
			R 7471,7478		RS1/10SR8201F		
			R 7472,7477		RS1/10SR3302F		
			R 7486		RS1/8SQ225J		
			R 7491,7492		RS1/8SQ105J		
			R 8851-8855,8864,8865		RS1/8SQ0R0J		
			R 8869,8897		RS1/8SQ0R0J		
			Other Resistors		RS1/10SR###J		
K VOL ASSY			CAPACITORS				
MISCELLANEOUS			C 6801,6802,6821,6822		CFHXSQ103J16		
S 3371	ROTARY ENCODER	ASX7053	C 6807,6814,6827,6834		CEAK470M25		
CN 3371	3P JUMPER CONNECTOR	52147-0310	C 6841,6842,6861,6862		CFHXSQ103J16		
CAPACITORS			C 6847,6854,6867,6874		CEAK470M25		
C 3371,3372		CKSQYB103K50	C 6881,6882,6901,6902		CFHXSQ103J16		
L POWER SW ASSY			C 6887,6894,6907,6914		CEAK470M25		
SEMICONDUCTORS			C 6921,6922,7451,7452		CFHXSQ103J16		
Q 3401		DTC143EUA	C 6927,6934,7457,7464		CEAK470M25		
D 3402		SLR343BC4T	C 7471,7472,7494,7497		CFHXSQ103J16		
MISCELLANEOUS			C 7477,7484		CEAK470M25		
S 3401	SWITCH	VSG1024	RESISTORS				
CN 3401	4P JUMPER CONNECTOR	52147-0410	All Resistors		RS1/10SR###J		
RESISTORS			CAPACITORS				
CAPACITORS			C 3401		CCSRCH221J50		

Mark No. Description Part No.

N IR BUFFER_S ASSY (SC-LX59)

SEMICONDUCTORS

IC 6801,6821,6841,6861	NJM4585M
IC 6881,6901,6921,7451	NJM4585M
IC 7471	NJM4585M
IC 7491	TC4053BFT
Q 6801,6821,6841,6861	2SD2704K

Q 6881,6901,6921,7451	2SD2704K
Q 7471	2SD2704K

MISCELLANEOUS

KN 6801 EARTH TERMINAL	AKF7002
CN 6801-680324P SOCKET	AKP7251

RESISTORS

R 6801,6808,6821,6828	RS1/10SR7501F
R 6802,6807,6822,6827	RS1/10SR6801F
R 6810,6830,6850,6870	RS1/10SR3901F
R 6813,6833,6853,6873	RS1/10SR1202F
R 6815	RS1/8SQ244J

R 6816,6835,6836,6855	RS1/8SQ225J
R 6841,6848,6861,6868	RS1/10SR7501F
R 6842,6847,6862,6867	RS1/10SR6801F
R 6856,6875,6876,6895	RS1/8SQ225J
R 6881,6888,6901,6908	RS1/10SR7501F

R 6882,6887,6902,6907	RS1/10SR6801F
R 6890,6910,6930,7460	RS1/10SR3901F
R 6893,6913,6933,7463	RS1/10SR1202F
R 6896,6915,6916,6935	RS1/8SQ225J
R 6921,6928,7451,7458	RS1/10SR7501F

R 6922,6927,7452,7457	RS1/10SR6801F
R 6936,7465,7466,7485	RS1/8SQ225J
R 7471,7478	RS1/10SR7501F
R 7472,7477	RS1/10SR6801F
R 7480	RS1/10SR3901F

R 7483	RS1/10SR1202F
R 7486	RS1/8SQ225J
R 7491,7492	RS1/8SQ105J
R 8851-8855,8864,8865	RS1/8SQ0R0J
R 8869,8897	RS1/8SQ0R0J

Other Resistors	RS1/10SR###J
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CAPACITORS

C 6801,6802,6821,6822	CFHXSQ103J16
C 6807,6814,6827,6834	CEAK470M25
C 6841,6842,6861,6862	CFHXSQ103J16
C 6847,6854,6867,6874	CEAK470M25
C 6881,6882,6901,6902	CFHXSQ103J16

C 6887,6894,6907,6914	CEAK470M25
C 6921,6922,7451,7452	CFHXSQ103J16
C 6927,6934,7457,7464	CEAK470M25
C 7471,7472,7494,7497	CFHXSQ103J16
C 7477,7484	CEAK470M25

O BUFFER GND ASSY

MISCELLANEOUS

KN 6961 SCREW PLATE	VNE1948
KN 6962 SCREW PLATE(MTL)	ANG7591

Mark No. Description Part No.

P IR INTERFACE_S ASSY

MISCELLANEOUS

CN 3801,3802 24P PLUG	AKM7173
CN 3810,3820,3830,3840 5P SOCKET	KP200IB5L
CN 3850,3860,3870,3880 5P SOCKET	KP200IB5L
CN 3890 5P SOCKET	KP200IB5L

Q D AMP_SS ASSY (SC-95)

SEMICONDUCTORS

IC 4001	BU7262SFVM
⚠ IC 4003,4008	NJM78M05DL1A
IC 4004	TC74VHCT08AFKS1
IC 4005	TA76L431FB
IC 4007	BU4094BCFV

⚠ IC 4009	NJM79M05DL1A
⚠ IC 4101,4201,4301,4401	IRS2092SPBF
⚠ IC 4102,4203,4302,4403	NJM2830U1-12
⚠ IC 4501,4601,4701,4801	IRS2092SPBF
⚠ IC 4502,4603,4703,4803	NJM2830U1-12

⚠ IC 4901	IRS2092SPBF
⚠ IC 4902	NJM2830U1-12
IC 4905	TC7SET08FUS1
Q 4000	DTC124EUA
Q 4001-4003,4020,4026	2SA1576A

Q 4004,4006,4008,4010	DTA124EUA
Q 4005,4007,4009,4011	DTC114TUA
Q 4014,4016,4027-4029	HN1C01FU
Q 4015,4021-4023,4025	2SC4081
Q 4017	DTC115EUA

Q 4018,4031	DTA124EUA
Q 4019,4032	DTC114TUA
Q 4024	2SC3906K
Q 4030,4036,4106,4107	2SA1576A
Q 4033,4112,4115,4116	2SC2412K

Q 4034,4037,4038,4042	2SC4081
⚠ Q 4101,4102,4201,4202	IRF6775MPBFS1
Q 4103-4105,4108,4117	2SC4081
Q 4109,4209,4309,4409	2SD2704K
Q 4110,4210,4310,4410	2SA1514K

Q 4111,4113,4206,4207	2SA1576A
Q 4114,4314,4514	HN1K02FU
Q 4203-4205,4208,4217	2SC4081
Q 4211,4213,4306,4307	2SA1576A
⚠ Q 4301,4302,4401,4402	IRF6775MPBFS1

Q 4303-4305,4308,4317	2SC4081
Q 4311,4313,4406,4407	2SA1576A
Q 4312,4414,4415,4512	2SC2412K
Q 4403-4405,4408,4417	2SC4081
Q 4411,4413,4506,4507	2SA1576A

⚠ Q 4501,4502,4601,4602	IRF6775MPBFS1
Q 4503-4505,4508,4517	2SC4081
Q 4509,4609,4709,4809	2SD2704K
Q 4510,4610,4710,4810	2SA1514K
Q 4511,4513,4606,4607	2SA1576A

Q 4603-4605,4608,4617	2SC4081
Q 4611,4613,4706,4707	2SA1576A
Q 4612,4614,4712,4714	2SC2412K
⚠ Q 4701,4702,4801,4802	IRF6775MPBFS1

5			6			7			8		
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.				
	Q	4703-4705,4708,4717	2SC4081		R	4107,4187,4188,4207	ACN7180				
					R	4111-4114,4211-4214	RS1/4SA2R2J				
	Q	4711,4713,4806,4807	2SA1576A								
	Q	4715,4812,4814,4912	2SC2412K		R	4115,4215,4315,4415	ACN7192	A			
	Q	4803-4805,4808,4817	2SC4081		R	4116,4178,4216,4278	ACN7198				
	Q	4811,4813,4906,4907	2SA1576A		R	4117,4317,4517,4717	RS1/4SA105J				
⚠	Q	4901,4902	IRF6775MPBFS1		R	4118,4218,4318,4418	RS1/8SQ105J				
					R	4119,4120,4167,4219	RS1/10SR1001F				
	Q	4903-4905,4908,4917	2SC4081								
	Q	4909	2SD2704K		R	4122,4123,4222,4223	ACN7196				
	Q	4910	2SA1514K		R	4127,4227,4327,4427	RS1/4SA104J				
	Q	4911,4913	2SA1576A		R	4129,4229,4329,4429	RS1/8SQ222J				
	Q	5012,5013,5015-5022	2SC2412K		R	4130,4134,4230,4234	RS1/8SQ103J				
					R	4131,4231,4331,4431	RS1/8SQ912J				
	Q	5014	2SC4081								
	D	4005,4016,4022,4023	1SS355		R	4132,4232,4332,4432	RS1/8SQ113J				
	D	4011,4012	DAN202U		R	4133,4177,4233,4277	ACN7197	B			
	D	4013,4014,4018,4019	DZ2J240M0		R	4135,4235,4335,4435	RS1/8SQ752J				
	D	4015,4020	DZ2J270M0		R	4136,4146,4236,4246	RS1/8SQ242J				
					R	4137,4141,4237,4241	ACN7165				
	D	4017,4021	DZ2J180M0								
	D	4108,4109,4208,4209	RF101L2S		R	4138,4238,4338,4438	RS1/8SQ4R7J				
	D	4117,4217,4317,4417	RF071M2S		R	4140,4174,4240,4340	RS1/4SA470J				
	D	4118,4218,4318,4418	CMH07		R	4142,4143,4242,4243	ACN7189				
	D	4119,4219,4319,4419	1SS355		R	4145,4245,4345,4445	RS1/10SR8201F				
					R	4148,4248,4348,4448	RS1/10SR3901F				
	D	4308,4309,4408,4409	RF101L2S								
	D	4508,4509,4608,4609	RF101L2S		R	4149,4249,4349,4449	RS1/8SQ153J				
	D	4517,4617,4717,4817	RF071M2S		R	4150,4250,4350,4450	RS1/10SR2200F	C			
	D	4518,4618,4718,4818	CMH07		R	4152,4252,4352,4452	RS1/10SR6802F				
	D	4519,4619,4719,4819	1SS355		R	4154,4254,4354,4454	ACN7186				
					R	4155,4255,4355,4455	RS1/10SR1003F				
	D	4708,4709,4808,4809	RF101L2S								
	D	4908,4909	RF101L2S		R	4156,4256,4356,4456	RS1/10SR2402F				
	D	4917,5000	RF071M2S		R	4157,4257,4357,4457	RS1/10SR2203F				
	D	4918	CMH07		R	4162,4262,4362,4462	RS1/4SA123J				
	D	4919	1SS355		R	4165,4179,4265,4279	RS1/8SQ124J				
					R	4166,4266,4366,4466	RS1/10SR1002F				
MISCELLANEOUS											
	L	4100,4200,4300,4400	ATH7090		R	4168,4268,4368,4468	RS1/10SR7502F				
	L	4500,4600,4700,4800	ATH7090		R	4169,4269,4369,4469	RS1/10SR3902F				
	L	4900	ATH7090		R	4173,4373,4573,4773	RS1/4SA390J	D			
	JA	4101	AKE7107		R	4175,4375,4575,4791	RS1/4SA120J				
	JA	4301,4501,4901,5101	AKE7109		R	4176,4276,4376,4476	RS1/8SQ102J				
	KN	4000	CKF1089	⚠	R	4181,4281,4381,4481	NTCG104KF104FB				
	KN	4100,4200,4300,4400	VNE1948		R	4186,4286,4386,4486	RS1/8SQ101J				
	KN	4500,4900	VNE1948		R	4193,4293,4393,4493	RS1/8SQ1R0J				
	RY	4100,4300,4500,4700	XSR3015		R	4195,4196,4295,4296	RS1/8SQ2R4J				
	RY	4900,5000	XSR3015		R	4197,4198,4297,4298	RS1/8SQ2R2J				
	CN	4000	9604S-19C		R	4220,4267,4319,4320	RS1/10SR1001F				
	CN	4001	CKS-557		R	4287,4288,4307,4387	ACN7180				
	CN	4002	KM200NA2		R	4301,4363,4401,4463	RS1/10SR2701F				
	CN	4003	KM200NA4		R	4311-4314,4411-4414	RS1/4SA2R2J	E			
	CN	4004	KM200NA7		R	4316,4378,4416,4478	ACN7198				
	CN	4100,4200,4300,4400	KM200IB5		R	4322,4323,4422,4423	ACN7196				
	CN	4500,4600,4700,4800	KM200IB5		R	4330,4334,4430,4434	RS1/8SQ103J				
	CN	4900	KM200IB5		R	4333,4377,4433,4477	ACN7197				
					R	4336,4346,4436,4446	RS1/8SQ242J				
					R	4337,4341,4437,4441	ACN7165				
RESISTORS											
	R	4000,4027,4078,4079	RS1/10SR1802F								
	R	4042,4139,4239,4339	RS1/8SQ0R0J		R	4342,4343,4442,4443	ACN7189				
	R	4057	RS1/8SQ471J		R	4365,4379,4465,4479	RS1/8SQ124J				
	R	4060	RS1/10SR5602F		R	4367,4419,4420,4467	RS1/10SR1001F				
	R	4061	RS1/10SR3302F		R	4374,4440,4540,4574	RS1/4SA470J				
					R	4388,4407,4487,4488	ACN7180	F			
	R	4090	RS1/10SR1802F								
	R	4101,4163,4201,4263	RS1/10SR2701F		R	4395,4396,4495,4496	RS1/8SQ2R4J				
	R	4103,4203,4303,4403	RS1/4SA183J		R	4397,4398,4497,4498	RS1/8SQ2R2J				

Mark No. Description**Part No.****Mark No. Description****Part No.**

A

R 4439,4539,4639,4739
 R 4501,4563,4601,4663
 R 4503,4603,4703,4803

 R 4507,4587,4588,4607
 R 4511-4514,4611-4614
 R 4515,4615,4715,4815
 R 4516,4578,4616,4678
 R 4518,4618,4718,4818

RS1/8SQ0R0J
 RS1/10SR2701F
 RS1/4SA183J

 ACN7180
 RS1/4SA2R2J
 ACN7192
 ACN7198
 RS1/8SQ105J

R 4901,4963
 R 4903
 R 4907,4987,4988
 R 4911-4914,5041,5083

 R 4915
 R 4916,4978
 R 4917,5006-5010,5096
 R 4918
 R 4919,4920,4967,5000

RS1/10SR2701F
 RS1/4SA183J
 ACN7180
 RS1/4SA2R2J

 ACN7192
 ACN7198
 RS1/4SA105J
 RS1/8SQ105J
 RS1/10SR1001F

B

R 4519,4520,4567,4619
 R 4522,4523,4622,4623
 R 4527,4627,4727,4827
 R 4529,4629,4729,4829
 R 4530,4534,4630,4634

 R 4531,4631,4731,4831
 R 4532,4632,4732,4832
 R 4533,4577,4633,4677
 R 4535,4635,4735,4835
 R 4536,4546,4636,4646

RS1/10SR1001F
 ACN7196
 RS1/4SA104J
 RS1/8SQ222J
 RS1/8SQ103J

 RS1/8SQ912J
 RS1/8SQ113J
 ACN7197
 RS1/8SQ752J
 RS1/8SQ242J

R 4922,4923
 R 4927
 R 4929,5039,5040,5099
 R 4930,4934,5029,5030
 R 4931

 R 4932
 R 4933,4977
 R 4935
 R 4936,4946
 R 4937,4941

ACN7196
 RS1/4SA104J
 RS1/8SQ222J
 RS1/8SQ103J
 RS1/8SQ912J

 RS1/8SQ113J
 ACN7197
 RS1/8SQ752J
 RS1/8SQ242J
 ACN7165

C

R 4537,4541,4637,4641
 R 4538,4638,4738,4838
 R 4542,4543,4642,4643
 R 4545,4645,4745,4845
 R 4548,4648,4748,4848

 R 4549,4649,4749,4849
 R 4550,4650,4750,4850
 R 4552,4652,4752,4852
 R 4554,4654,4754,4854
 R 4555,4655,4755,4855

ACN7165
 RS1/8SQ4R7J
 ACN7189
 RS1/10SR8201F
 RS1/10SR3901F

 RS1/8SQ153J
 RS1/10SR2200F
 RS1/10SR6802F
 ACN7186
 RS1/10SR1003F

R 4938
 R 4940,4974,5174
 R 4942,4943
 R 4945
 R 4948

RS1/8SQ4R7J
 RS1/4SA470J
 ACN7189
 RS1/10SR8201F
 RS1/10SR3901F

D

R 4556,4656,4756,4856
 R 4557,4657,4757,4857
 R 4562,4662,4762,4862
 R 4565,4579,4665,4679
 R 4566,4666,4766,4866

 R 4568,4668,4768,4868
 R 4569,4669,4769,4869
 R 4576,4676,4776,4876
 R 4581,4681,4781,4881
 R 4586,4686,4786,4886

RS1/10SR2402F
 RS1/10SR2203F
 RS1/4SA123J
 RS1/8SQ124J
 RS1/10SR1002F

 RS1/10SR7502F
 RS1/10SR3902F
 RS1/8SQ102J
 NTCG104KF104FB
 RS1/8SQ101J

R 4949
 R 4950
 R 4952
 R 4954
 R 4955

 R 4956
 R 4957
 R 4962
 R 4965,4979
 R 4966,5001

RS1/8SQ153J
 RS1/10SR2200F
 RS1/10SR6802F
 ACN7186
 RS1/10SR1003F

 RS1/10SR2402F
 RS1/10SR2203F
 RS1/4SA123J
 RS1/8SQ124J
 RS1/10SR1002F

E

R 4593,4693,4793,4893
 R 4595,4596,4695,4696
 R 4597,4598,4697,4698
 R 4620,4667,4719,4720
 R 4640,4740,4774,4840

 R 4687,4688,4707,4787
 R 4701,4763,4801,4863
 R 4711-4714,4811-4814
 R 4716,4778,4816,4878
 R 4722,4723,4822,4823

RS1/8SQ1R0J
 RS1/8SQ2R4J
 RS1/8SQ2R2J
 RS1/10SR1001F
 RS1/4SA470J

 ACN7180
 RS1/10SR2701F
 RS1/4SA2R2J
 ACN7198
 ACN7196

R 4968
 R 4969
 R 4973,5173
 R 4975,5175
 R 4976

 R 4981
 R 4986
 R 4993
 R 4995,4996
 R 4997,4998

RS1/10SR7502F
 RS1/10SR3902F
 RS1/4SA390J
 RS1/4SA120J
 RS1/8SQ102J

 NTCG104KF104FB
 RS1/8SQ101J
 RS1/8SQ1R0J
 RS1/8SQ2R4J
 RS1/8SQ2R2J

F

R 4730,4734,4830,4834
 R 4733,4777,4833,4877
 R 4736,4746,4836,4846
 R 4737,4741,4837,4841
 R 4742,4743,4842,4843

 R 4765,4779,4865,4879
 R 4767,4819,4820,4867
 R 4788,4807,4887,4888
 R 4795,4796,4895,4896
 R 4797,4798,4897,4898

 R 4839,4939,6470-6478

RS1/8SQ103J
 ACN7197
 RS1/8SQ242J
 ACN7165
 ACN7189

 RS1/8SQ124J
 RS1/10SR1001F
 ACN7180
 RS1/8SQ2R4J
 RS1/8SQ2R2J

 RS1/8SQ0R0J

R 5003-5005,5026,5059
 R 5011,5018
 R 5012,5016,5020,5021
 R 5013,5019,5111,5112
 R 5014,5022

 R 5015,5023
 R 5017,5025,5113,5114
 R 5024,5110,5115,5122
 R 5062,5063
 R 5066,5068

 R 5095
 R 5100
 R 5101,5102
 R 5105
 R 5107

ACN7180
 RS1/8SQ563J
 RS1/8SQ104J
 RS1/8SQ224J
 RS1/8SQ683J

 RS1/8SQ223J
 RS1/8SQ473J
 RS1/8SQ104J
 RS1/4SA222J
 RS1/8SQ331J

 RS1/4SA100J
 RS1/8SQ222J
 RS1/4SA331J
 RS1/8SQ100J
 RS1/4SA224J

Mark	No.	Description	Part No.
C	4548,4648,4748,4848		ACE7100
C	4549,4550,4649,4650		ACH7359
C	4556,4656,4756,4856		ACE7097
C	4559,4560,4659,4660		ACE7108
C	4561,4575,4661,4675		ACG7105
C	4580,4680,4780,4782		ACE7096
C	4611,4711,4811,4911		CFHXSQ103J16
C	4620,4623,4720,4723		CFHXSQ102J50
C	4666,4667,4766,4767		CEAK101M16
C	4708,4709,4808,4809		CEAK471M16
C	4734,4736,4834,4836		ACH7376
C	4749,4750,4849,4850		ACH7359
C	4759,4760,4859,4860		ACE7108

C 4761,4775,4861,4875	ACG7105
C 4805,4905	ACE7099
C 4820,4823,4920,4923	CFHXSQ102J50
C 4866,4867,4966,4967	CEAK101M16
C 4880,4882,4980,4982	ACE7096
C 4900	CFTLA104J2A
C 4901	CFTLA474J2A
C 4908,4909	CEAK471M16
C 4910,5110	CEAK100M50
C 4919	ACG7110
C 4934,4936	ACH7376
C 4948	ACE7100
C 4949,4950	ACH7359
C 4956	ACE7097
C 4959,4960	ACE7108
C 4961,4975	ACG7105
C 5000	CFHXSQ102J50
C 5080,5082,5180,5182	ACE7096
C 5184	CEAK101M16
C 5186	CFHXSQ103J16

	IC 1001	BU7262SFVM
⚠	IC 4003,4008	NJM78M05DL1A
	IC 4004	TC74VHCT08AFKS1
	IC 4005	TA76L431FB
	IC 4007	BU4094BCFV
⚠	IC 4009	NJM79M05DL1A
⚠	IC 4101,4201,4301,4401	IRS2092SPBF
⚠	IC 4102,4203,4302,4403	NJM2830U1-12
⚠	IC 4501,4601,4701,4801	IRS2092SPBF
⚠	IC 4502,4603,4703,4803	NJM2830U1-12
⚠	IC 4901	IRS2092SPBF
⚠	IC 4902	NJM2830U1-12
	IC 4905	TC7SET08FUS1
	Q 4000	DTC124EUA
	Q 4001-4003,4020,4026	2SA1576A
	Q 4004,4006,4008,4010	DTA124EUA
	Q 4005,4007,4009,4011	DTC114TUA
	Q 4014,4016,4027-4029	HN1C01FU
	Q 4015,4021-4023,4025	2SC4081
	Q 4017	DTC115EUA
	Q 4018,4031	DTA124EUA
	Q 4019,4032	DTC114TUA
	Q 4024	2SC3906K

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	Q	4030,4036,4106,4107	2SA1576A	L	4500,4600,4700,4800	ATH7090	
	Q	4033,4112,4115,4116	2SC2412K	L	4900	ATH7090	
	Q	4034,4037,4038,4042	2SC4081	JA	4101	AKE7108	
	Q	4101,4102,4201,4202	IRF6775MPBFS1	JA	4301,4501,4901,5101	AKE7110	
	Q	4103-4105,4108,4117	2SC4081	KN	4000	CKF1089	
	Q	4109,4209,4309,4409	2SD2704K	KN	4100,4200,4300,4400	VNE1948	
■	Q	4110,4210,4310,4410	2SA1514K	KN	4500,4900	VNE1948	
	Q	4111,4113,4206,4207	2SA1576A	RY	4100,4300,4500,4700	XSR3015	
	Q	4114,4314,4514	HN1K02FU	RY	4900,5000	XSR3015	
	Q	4203-4205,4208,4217	2SC4081	CN	4000	9604S-19C	
	Q	4211,4213,4306,4307	2SA1576A	CN	4001	CKS-557	
	Q	4301,4302,4401,4402	IRF6775MPBFS1	CN	4002	KM200NA2	
B	Q	4303-4305,4308,4317	2SC4081	CN	4003	KM200NA4	
	Q	4311,4313,4406,4407	2SA1576A	CN	4004	KM200NA7	
	Q	4312,4414,4415,4512	2SC2412K	CN	4100,4200,4300,4400	KM200IB5	
	Q	4403-4405,4408,4417	2SC4081	CN	4500,4600,4700,4800	KM200IB5	
	Q	4411,4413,4506,4507	2SA1576A	CN	4900	KM200IB5	
	Q	4501,4502,4601,4602	IRF6775MPBFS1	RESISTORS			
■	Q	4503-4505,4508,4517	2SC4081	R	4000,4027,4078,4079	RS1/10SR1802F	
	Q	4509,4609,4709,4809	2SD2704K	R	4042,6470-6478	RS1/8SQ0R0J	
	Q	4510,4610,4710,4810	2SA1514K	R	4057	RS1/8SQ471J	
	Q	4511,4513,4606,4607	2SA1576A	R	4060	RS1/10SR5602F	
	Q	4603-4605,4608,4617	2SC4081	R	4061	RS1/10SR3302F	
	Q	4611,4613,4706,4707	2SA1576A	R	4090	RS1/10SR1802F	
C	Q	4612,4614,4712,4714	2SC2412K	R	4101,4163,4201,4263	RS1/10SR2701F	
	Q	4701,4702,4801,4802	IRF6775MPBFS1	R	4103,4203,4303,4403	RS1/4SA183J	
	Q	4703-4705,4708,4717	2SC4081	R	4107,4187,4188,4207	ACN7180	
	Q	4711,4713,4806,4807	2SA1576A	R	4111,4112,4211,4212	RS1/4SA2R4J	
	Q	4715,4812,4814,4912	2SC2412K	R	4113,4114,4213,4214	RS1/4SA2R2J	
	Q	4803-4805,4808,4817	2SC4081	R	4115,4215,4315,4415	ACN7192	
■	Q	4811,4813,4906,4907	2SA1576A	R	4116,4178,4216,4278	ACN7198	
	Q	4901,4902	IRF6775MPBFS1	R	4117,4317,4517,4717	RS1/4SA105J	
	Q	4903-4905,4908,4917	2SC4081	R	4118,4218,4318,4418	RS1/8SQ105J	
	Q	4909	2SD2704K	R	4119,4120,4167,4219	RS1/10SR1001F	
	Q	4910	2SA1514K	R	4122,4123,4222,4223	ACN7196	
	Q	4911,4913	2SA1576A	R	4125,4126,4225,4226	ACN7094	
D	Q	5012,5013,5015-5022	2SC2412K	R	4127,4227,4327,4427	RS1/4SA104J	
	Q	5014	2SC4081	R	4129,4229,4329,4429	RS1/8SQ222J	
	D	4005,4016,4022,4023	1SS355	R	4130,4134,4230,4234	RS1/8SQ103J	
	D	4011,4012	DAN202U	R	4131,4231,4331,4431	RS1/8SQ912J	
	D	4013,4014,4018,4019	DZ2J240M0	R	4132,4232,4332,4432	RS1/8SQ113J	
	D	4015,4020	DZ2J270M0	R	4133,4177,4233,4277	ACN7197	
■	D	4017,4021	DZ2J180M0	R	4135,4235,4335,4435	RS1/8SQ752J	
	D	4108,4109,4208,4209	RF101L2S	R	4136,4236,4336,4436	RS1/8SQ242J	
	D	4117,4217,4317,4417	RF071M2S	R	4137,4141,4237,4241	ACN7165	
	D	4118,4218,4318,4418	CMH07	R	4138,4238,4338,4438	RS1/8SQ4R7J	
	D	4119,4219,4319,4419	1SS355	R	4139,4193,4239,4293	RS1/8SQ1R0J	
	D	4308,4309,4408,4409	RF101L2S	R	4140,4173,4240,4340	RS1/4SA390J	
■	D	4508,4509,4608,4609	RF101L2S	R	4142,4143,4242,4243	ACN7189	
	D	4517,4617,4717,4817	RF071M2S	R	4145,4245,4345,4445	RS1/10SR8201F	
	D	4518,4618,4718,4818	CMH07	R	4146,4246,4346,4446	RS1/8SQ272J	
	D	4519,4619,4719,4819	1SS355	R	4148,4248,4348,4448	RS1/10SR3901F	
	D	4708,4709,4808,4809	RF101L2S	R	4149,4249,4349,4449	RS1/8SQ153J	
	D	4908,4909	RF101L2S	R	4150,4250,4350,4450	RS1/10SR2200F	
F	D	4917,5000	RF071M2S	R	4152,4252,4352,4452	RS1/10SR6802F	
	D	4918	CMH07	R	4154,4254,4354,4454	ACN7186	
	D	4919	1SS355	R	4155,4255,4355,4455	RS1/10SR1003F	
	D	4919	1SS355	R	4156,4256,4356,4456	RS1/10SR2402F	
	D	4919	1SS355	R	4157,4257,4357,4457	RS1/10SR2203F	
	D	4919	1SS355	R	4157,4257,4357,4457	RS1/10SR2203F	

MISCELLANEOUS

L 4100,4200,4300,4400

ATH7090

R 4157,4257,4357,4457

RS1/10SR2203F

5			6			7			8		
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.		Mark	No.	Description
	R	4162,4262,4362,4462	RS1/4SA123J		R	4552,4652,4752,4852	RS1/10SR6802F				
	R	4165,4179,4265,4279	RS1/8SQ124J		R	4554,4654,4754,4854	ACN7186				
	R	4166,4266,4366,4466	RS1/10SR1002F		R	4555,4655,4755,4855	RS1/10SR1003F				
	R	4168,4268,4368,4468	RS1/10SR7502F		R	4556,4656,4756,4856	RS1/10SR2402F				
					R	4557,4657,4757,4857	RS1/10SR2203F				
	R	4169,4269,4369,4469	RS1/10SR3902F								
	R	4174,4374,4574,4774	RS1/4SA470J		R	4562,4662,4762,4862	RS1/4SA123J				
	R	4175,4375,4575,4791	RS1/4SA120J		R	4565,4579,4665,4679	RS1/8SQ124J				
	R	4176,4276,4376,4476	RS1/8SQ102J		R	4566,4666,4766,4866	RS1/10SR1002F				
⚠	R	4181,4281,4381,4481	NTCG104KF104FB		R	4568,4668,4768,4868	RS1/10SR7502F				
					R	4569,4669,4769,4869	RS1/10SR3902F				
	R	4186,4286,4386,4486	RS1/8SQ101J								
	R	4195,4196,4295,4296	RS1/8SQ1R8J		R	4576,4676,4776,4876	RS1/8SQ102J				
	R	4197,4198,4297,4298	RS1/8SQ2R2J	⚠	R	4581,4681,4781,4881	NTCG104KF104FB				
	R	4220,4267,4319,4320	RS1/10SR1001F		R	4586,4686,4786,4886	RS1/8SQ101J				
	R	4287,4288,4307,4387	ACN7180		R	4595,4596,4695,4696	RS1/8SQ1R8J				
					R	4597,4598,4697,4698	RS1/8SQ2R2J				
	R	4301,4363,4401,4463	RS1/10SR2701F								
	R	4311,4312,4411,4412	RS1/4SA2R4J		R	4620,4667,4719,4720	RS1/10SR1001F				
	R	4313,4314,4413,4414	RS1/4SA2R2J		R	4640,4740,4773,4840	RS1/4SA390J				
	R	4316,4378,4416,4478	ACN7198		R	4687,4688,4707,4787	ACN7180				
	R	4322,4323,4422,4423	ACN7196		R	4701,4763,4801,4863	RS1/10SR2701F				
					R	4711,4712,4811,4812	RS1/4SA2R4J				
	R	4325,4326,4425,4426	ACN7094								
	R	4330,4334,4430,4434	RS1/8SQ103J		R	4713,4714,4813,4814	RS1/4SA2R2J				
	R	4333,4377,4433,4477	ACN7197		R	4716,4778,4816,4878	ACN7198				
	R	4337,4341,4437,4441	ACN7165		R	4722,4723,4822,4823	ACN7196				
	R	4339,4393,4439,4493	RS1/8SQ1R0J		R	4725,4726,4825,4826	ACN7094				
					R	4730,4734,4830,4834	RS1/8SQ103J				
	R	4342,4343,4442,4443	ACN7189								
	R	4365,4379,4465,4479	RS1/8SQ124J		R	4733,4777,4833,4877	ACN7197				
	R	4367,4419,4420,4467	RS1/10SR1001F		R	4737,4741,4837,4841	ACN7165				
	R	4373,4440,4540,4573	RS1/4SA390J		R	4739,4793,4839,4893	RS1/8SQ1R0J				
	R	4388,4407,4487,4488	ACN7180		R	4742,4743,4842,4843	ACN7189				
					R	4765,4779,4865,4879	RS1/8SQ124J				
	R	4395,4396,4495,4496	RS1/8SQ1R8J								
	R	4397,4398,4497,4498	RS1/8SQ2R2J		R	4767,4819,4820,4867	RS1/10SR1001F				
	R	4501,4563,4601,4663	RS1/10SR2701F		R	4788,4807,4887,4888	ACN7180				
	R	4503,4603,4703,4803	RS1/4SA183J		R	4795,4796,4895,4896	RS1/8SQ1R8J				
	R	4507,4587,4588,4607	ACN7180		R	4797,4798,4897,4898	RS1/8SQ2R2J				
					R	4901,4963	RS1/10SR2701F				
	R	4511,4512,4611,4612	RS1/4SA2R4J								
	R	4513,4514,4613,4614	RS1/4SA2R2J		R	4903	RS1/4SA183J				
	R	4515,4615,4715,4815	ACN7192		R	4907,4987,4988	ACN7180				
	R	4516,4578,4616,4678	ACN7198		R	4911,4912	RS1/4SA2R4J				
	R	4518,4618,4718,4818	RS1/8SQ105J		R	4913,4914,5083	RS1/4SA2R2J				
					R	4915	ACN7192				
	R	4519,4520,4567,4619	RS1/10SR1001F								
	R	4522,4523,4622,4623	ACN7196		R	4916,4978	ACN7198				
	R	4525,4526,4625,4626	ACN7094		R	4917,5006-5010,5096	RS1/4SA105J				
	R	4527,4627,4727,4827	RS1/4SA104J		R	4918	RS1/8SQ105J				
	R	4529,4629,4729,4829	RS1/8SQ222J		R	4919,4920,4967,5000	RS1/10SR1001F				
					R	4922,4923	ACN7196				
	R	4530,4534,4630,4634	RS1/8SQ103J								
	R	4531,4631,4731,4831	RS1/8SQ912J		R	4925,4926	ACN7094				
	R	4532,4632,4732,4832	RS1/8SQ113J		R	4927	RS1/4SA104J				
	R	4533,4577,4633,4677	ACN7197		R	4929,5039,5040,5099	RS1/8SQ222J				
	R	4535,4635,4735,4835	RS1/8SQ752J		R	4930,4934,5029,5030	RS1/8SQ103J				
					R	4931	RS1/8SQ912J				
	R	4536,4636,4736,4836	RS1/8SQ242J								
	R	4537,4541,4637,4641	ACN7165		R	4932	RS1/8SQ113J				
	R	4538,4638,4738,4838	RS1/8SQ4R7J		R	4933,4977	ACN7197				
	R	4539,4593,4639,4693	RS1/8SQ1R0J		R	4935	RS1/8SQ752J				
	R	4542,4543,4642,4643	ACN7189		R	4936	RS1/8SQ242J				
					R	4937,4941	ACN7165				
	R	4545,4645,4745,4845	RS1/10SR8201F								
	R	4546,4646,4746,4846	RS1/8SQ272J		R	4938	RS1/8SQ4R7J				
	R	4548,4648,4748,4848	RS1/10SR3901F		R	4939,4993	RS1/8SQ1R0J				
	R	4549,4649,4749,4849	RS1/8SQ153J		R	4940,4973,5173	RS1/4SA390J				
	R	4550,4650,4750,4850	RS1/10SR2200F		R	4942,4943	ACN7189				
					R	4945	RS1/10SR8201F				

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	R 4946		RS1/8SQ272J	C	4052,4053,4166,4167		CEAK101M16
	R 4948		RS1/10SR3901F	C	4057,4058		ACH7400
	R 4949		RS1/8SQ153J	C	4063		ACH7389
	R 4950		RS1/10SR2200F	C	4065,4066,4069,4070		ACH7388
	R 4952		RS1/10SR6802F	C	4067,4068,4073,4074		ACE7101
	R 4954		ACN7186	C	4078,4079,4159,4160		ACE7108
	R 4955		RS1/10SR1003F	C	4084		ACE7082
	R 4956		RS1/10SR2402F	C	4085		ACE7105
	R 4957		RS1/10SR2203F	C	4097		CCSRCH100D50
	R 4962		RS1/4SA123J	C	4098,4099,4105,4120		CFHXSQ102J50
	R 4965,4979		RS1/8SQ124J	C	4100,4200,4300,4400		CFTLA104J2A
	R 4966,5001		RS1/10SR1002F	C	4101,4201,4301,4401		CFTLA474J2A
	R 4968		RS1/10SR7502F	C	4108,4109,4208,4209		ACH7320
	R 4969		RS1/10SR3902F	C	4110,4310,4510,4710		CEAK100M50
	R 4974,5174		RS1/4SA470J	C	4112,4212,4312,4412		RS1/4SA105J
	R 4975,5175		RS1/4SA120J	C	4113,4213,4313,4413		RS1/10SR105J
	R 4976		RS1/8SQ102J	C	4119,4219,4319,4419		ACG7110
⚠	R 4981		NTCG104KF104FB	C	4123,4205,4220,4223		CFHXSQ102J50
	R 4986		RS1/8SQ101J	C	4134,4136,4234,4236		ACH7377
	R 4995,4996		RS1/8SQ1R8J	C	4148,4248,4348,4448		ACE7100
	R 4997,4998		RS1/8SQ2R2J	C	4149,4150,4249,4250		ACH7359
	R 5003-5005,5026,5059		ACN7180	C	4156,4256,4356,4456		ACE7097
	R 5011,5018		RS1/8SQ563J	C	4161,4175,4261,4275		ACE7111
	R 5012,5016,5020,5021		RS1/8SQ104J	C	4180,4182,4280,4282		ACE7096
	R 5013,5019,5111,5112		RS1/8SQ224J	C	4211,4311,4411,4511		CFHXSQ103J16
	R 5014,5022		RS1/8SQ683J	C	4259,4260,4359,4360		ACE7108
	R 5015,5023		RS1/8SQ223J	C	4266,4267,4366,4367		CEAK101M16
	R 5017,5025,5113,5114		RS1/8SQ473J	C	4305,4320,4323,4405		CFHXSQ102J50
	R 5024,5110,5115,5122		RS1/8SQ104J	C	4308,4309,4408,4409		ACH7320
	R 5041		RS1/4SA1R5J	C	4334,4336,4434,4436		ACH7377
	R 5062,5063		RS1/4SA222J	C	4349,4350,4449,4450		ACH7359
	R 5066,5068		RS1/8SQ331J	C	4361,4375,4461,4475		ACE7111
	R 5095		RS1/4SA100J	C	4380,4382,4480,4482		ACE7096
	R 5100		RS1/8SQ222J	C	4420,4423,4505,4520		CFHXSQ102J50
	R 5101,5102		RS1/4SA331J	C	4459,4460,4559,4560		ACE7108
	R 5105		RS1/8SQ100J	C	4466,4467,4566,4567		CEAK101M16
	R 5107		RS1/4SA224J	C	4500,4600,4700,4800		CFTLA104J2A
	R 5116,5117,5123,5124		RS1/8SQ224J	C	4501,4601,4701,4801		CFTLA474J2A
	R 5118,5119,5126,5127		RS1/8SQ473J	C	4508,4509,4608,4609		ACH7320
	R 5128,5133,5142,5151		RS1/8SQ104J	C	4512,4612,4712,4812		RS1/4SA105J
	R 5130,5131,5135,5136		RS1/8SQ224J	C	4513,4613,4713,4813		RS1/10SR105J
	R 5132,5137,5138		RS1/8SQ473J	C	4519,4619,4719,4819		ACG7110
	R 5143,5144,5152,5153		RS1/8SQ224J	C	4523,4605,4620,4623		CFHXSQ102J50
	R 5157,5187		RS1/8SQ104J	C	4534,4536,4634,4636		ACH7377
	R 5158,5160,5188,5189		RS1/8SQ224J	C	4548,4648,4748,4848		ACE7100
	R 5159		ACN7180	C	4549,4550,4649,4650		ACH7359
	R 5186		RS1/4SA105J	C	4556,4656,4756,4856		ACE7097
	Other Resistors		RS1/10SR###J	C	4561,4575,4661,4675		ACE7111
				C	4580,4680,4780,4782		ACE7096
				C	4611,4711,4811,4911		CFHXSQ103J16
CAPACITORS							
	C 4001,4006,4026,4111		CFHXSQ103J16				
	C 4008,4010,4024,4036		CEAK101M16	C	4659,4660,4759,4760		ACE7108
	C 4009		CCSRCH150J50	C	4666,4667,4766,4767		CEAK101M16
	C 4013		CCSRCH180J50	C	4705,4720,4723,4805		CFHXSQ102J50
	C 4016		CCSRCH120J50	C	4708,4709,4808,4809		ACH7320
				C	4734,4736,4834,4836		ACH7377
	C 4017		CCSRCH470J50				
	C 4022		CFHXSQ102J16	C	4749,4750,4849,4850		ACH7359
	C 4023,5185		CEHVW100M16	C	4761,4775,4861,4875		ACE7111
	C 4040		CCH1814	C	4820,4823,4905,4920		CFHXSQ102J50
	C 4044,4048		ACE7107	C	4859,4860,4959,4960		ACE7108

Mark	No.	Description	Part No.
	CN 7251	PLUG(7P)	KM200NA7
	CN 7271	PLUG(4P)	KM200NA4
	CN 7281	CONNECTOR	CKS3368
	CN 7400	PLUG	CKS-556
	CN 7401	PLUG	CKS-557

RESISTORS

R 7211,7213	RD1/4MUF102J
R 7245,7259,7273,7274	RS1/4SA105J
R 7255	RS1/8SQ1R5J
R 7256	RS1/8SQ1R2J
R 7258	RS1/4SA824J

R 7260	RS1/8SQ105J
R 7272,7403,7404	ACN7180
R 7400	RS1/4SA913J
R 7401	RS1/4SA683J
R 7402	RD1/4MUF100J

R 7405,7406	RS1/4SA105J
Other Resistors	RS1/10SR###J

CAPACITORS

C 7213,7214	CEAK221M10
C 7215,7219	CEAK100M50
C 7221,7246	CEAK470M25
C 7240,7250	CFTLA394J50
C 7241	CEAK222M35

C 7251,7252	CEAK222M25
C 7255,7256	CEAK221M35
C 7270	CFTLA474J2A
C 7271,7272	CEAK222M16
C 7283,7284	CEAK471M16

C 7400,7401	ACH7258
C 7402,7403	CFTLA104J2A

U V-REG_S ASSY (SC-95)**SEMICONDUCTORS**

IC 7901	S-80842CNMC-B83
IC 7902	MM3411A50N
IC 7903	S-80848CNMC-B89
Q 7901	2SA1037K
D 7901	DAN202U

D 7902	1SS355
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MISCELLANEOUS

KN 7901 EARTH TERMINAL	AKF7002
CN 7662 B TO B 19PIN JACK	AKN7071
CN 7663 CONNECTOR	9604S-15C
CN 7902,7903 39P CONNECTOR	VKN2097
JH 7901,7903,7904 PCB BINDER	AEF7008

RESISTORS

R 7903,7907	RS1/8SQ105J
Other Resistors	RS1/10SR###J

CAPACITORS

C 7905	CCSQCH331J50
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U V-REG_S ASSY (SC-LX59)**SEMICONDUCTORS**

IC 7901	S-80842CNMC-B83
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Mark	No.	Description	Part No.
	IC 7902		MM3411A50N
	IC 7903		S-80848CNMC-B89
	Q 7901		2SA1037K
	D 7901		DAN202U
	D 7902		1SS355

MISCELLANEOUS

KN 7901 EARTH TERMINAL	AKF7002
CN 7662 B TO B 19PIN JACK	AKN7071
CN 7663 CONNECTOR	9604S-15C
CN 7902,7903 39P CONNECTOR	VKN2097
JH 7901,7903,7904 PCB BINDER	AEF7008

RESISTORS

R 7903,7907	RS1/8SQ105J
Other Resistors	RS1/10SR###J

CAPACITORS

C 7905	CCSQCH331J50
C 7906	CKSQYB103K50
C 7918	CCSRCH100D50

V VREG CHILD_S ASSY**SEMICONDUCTORS**

IC 8701	NJM78M05FA
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MISCELLANEOUS

JP 8701 HOUSING	ADX7783
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CAPACITORS

C 8701	CKSQYB103K50
C 8703	CEAK101M16

W CONNECT_S ASSY**MISCELLANEOUS**

CN 7951 B TO B CONNECTOR	AKM7225
CN 7952 B TO B CONNECTOR	AKM7222
CN 7953 B TO B CONNECTOR	AKN7155
CN 7954 B TO B CONNECTOR	AKN7152

RESISTORS

R 7956	RS1/8SQ105J
Other Resistors	RS1/10SR###J

CAPACITORS

C 7951,7956	CCSRCH100D50
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X A-DAC BRIDGE ASSY**MISCELLANEOUS**

CN 3791,3792 20P PLUG	AKM7171
CN 3793,3794 B TO B CONNECTOR	AKM7176

Y D-AUDIO BRIDGE ASSY**MISCELLANEOUS**

CN 3771,3772 24P PLUG	AKM7173
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Z D-DAC BRIDGE ASSY**MISCELLANEOUS**

CN 3781,3782 20P PLUG	AKM7171
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Mark	No.	Description	Part No.
		CN 3783,3784 B TO B CONNECTOR	AKM7176

AA

PRE BRIDGE_S ASSY

A

MISCELLANEOUS		
	CN 6951,6952 24P PLUG	AKM7173

AB

FAN CONNECT_S ASSY

MISCELLANEOUS		
	CN 5931,5932 PLUG(3P)	KM200NA3
	JH 5931 PCB BINDER	AEF7008

AC

MIC HP GUARD ASSY

B

MISCELLANEOUS		
	JH 5921,5924 PCB BINDER	AEF7008

AD

BIND DM CABLE_S ASSY

MISCELLANEOUS		
	JH 3551 PCB BINDER	AEF7008

AE

P WIRE GUARD_S ASSY

C

MISCELLANEOUS		
	JH 3560 PCB BINDER	AEF7008

AF

FFC GUARD_S ASSY

FFC GUARD_S ASSY has no service parts.

AG

VREG GUARD ASSY

VREG GUARD ASSY has no service parts.

AH

BINDFAN CABLE_S ASSY

BINDFAN CABLE_S ASSY has no service parts.

D

AI

TRANS VREG STYL_S ASSY

TRANS VREG STYL_S ASSY has no service parts.

AJ

PANEL GUARD ASSY

PANEL GUARD ASSY has no service parts.

AK

IR EDGE GUARD_S ASSY

IR EDGE GUARD_S ASSY has no service parts.

E

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