

Pioneer

Service Manual



SC-99

ORDER NO.
RRV4617

AV RECEIVER

SC-99

SC-97

SC-LX89-K

SC-LX89-S

SC-LX79-K

SC-LX79-S

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

Model	Type	Power Requirement	Remarks
SC-99	CUXJ	AC 120V	
SC-97	CUXJ	AC 120V	
SC-LX89-K/-S	SYXJ8	AC 220V to 230V	
SC-LX79-K/-S	SYXJ8	AC 220V to 230V	

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

Model No.	Order No.	Remarks
SC-99, SC-97, SC-LX89-K/-S, SC-LX79-K/-S	ARP4004	SCHEMATIC DIAGRAM, PCB CONNECTION DIAGRAM



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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.

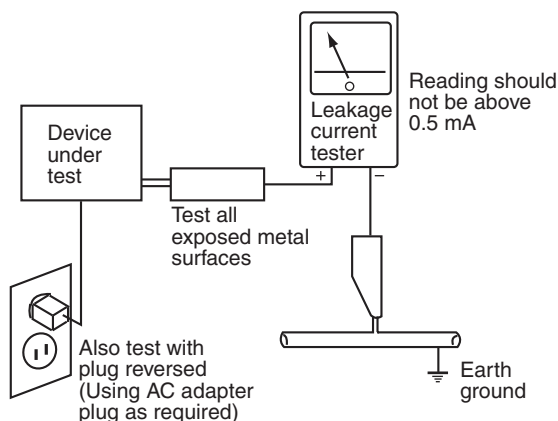
(FOR USA MODEL ONLY)

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	AWX2013 (SC-99) AWX2017 (SC-97) AWX2014 (SC-LX89) AWX2018 (SC-LX79)	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	
		IC9403	POWER SUPPLY IC	MM3543BH-TBB	IC with heat-pad
		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	LAN Connector	AKN7115-A	JACK with Cu-through-hole & 10 pin
		JA9202			
		JA9601	HDMI Connector	AKP7268-A-K	JACK with Cu-through-hole & SMD type
		JA9602			
		JA9603			
JA9604					
JA9605					
JA9606					
JA9607					
JA9620					
D AMP ASSY	AWH7104 (SC-99) AWH7108 (SC-97) AWH7105 (SC-LX89) AWH7109 (SC-LX79)	Q4101	FET	IRF6775MPBFS1-TRB	Pins are under the parts side.
		Q4102			
		Q4201			
		Q4202			
		Q4301			
		Q4302			
		Q4401			
		Q4402			
		Q4501			
		Q4502			
		Q4601			
		Q4602			
		Q4701			
		Q4702			
		Q4801			
		Q4802			
		Q4901			
		Q4902			
DISPLAY ASSY	AWX2026 (SC-99,SC-97) AWX2027 (SC-LX89, SC-LX79)	IC6001	FLASH BLANK UC IC	R5F100MHAFA-K	Software is not written.

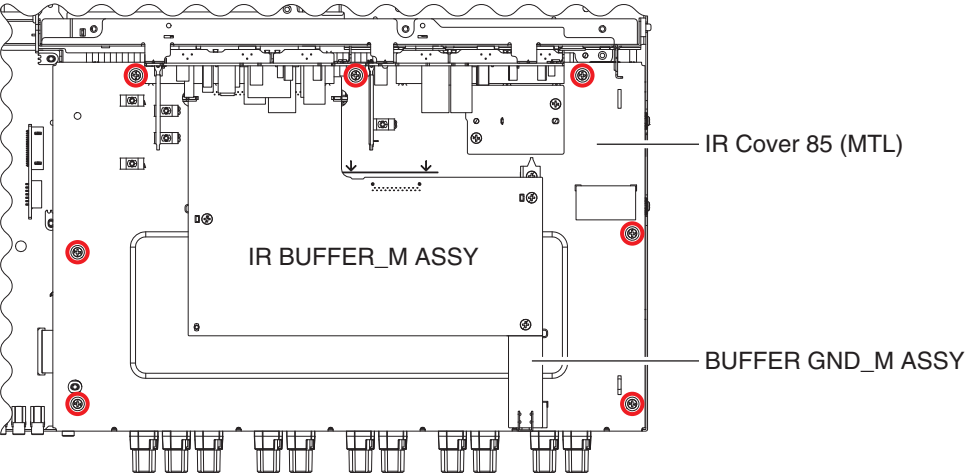
1.3 CAUTION

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

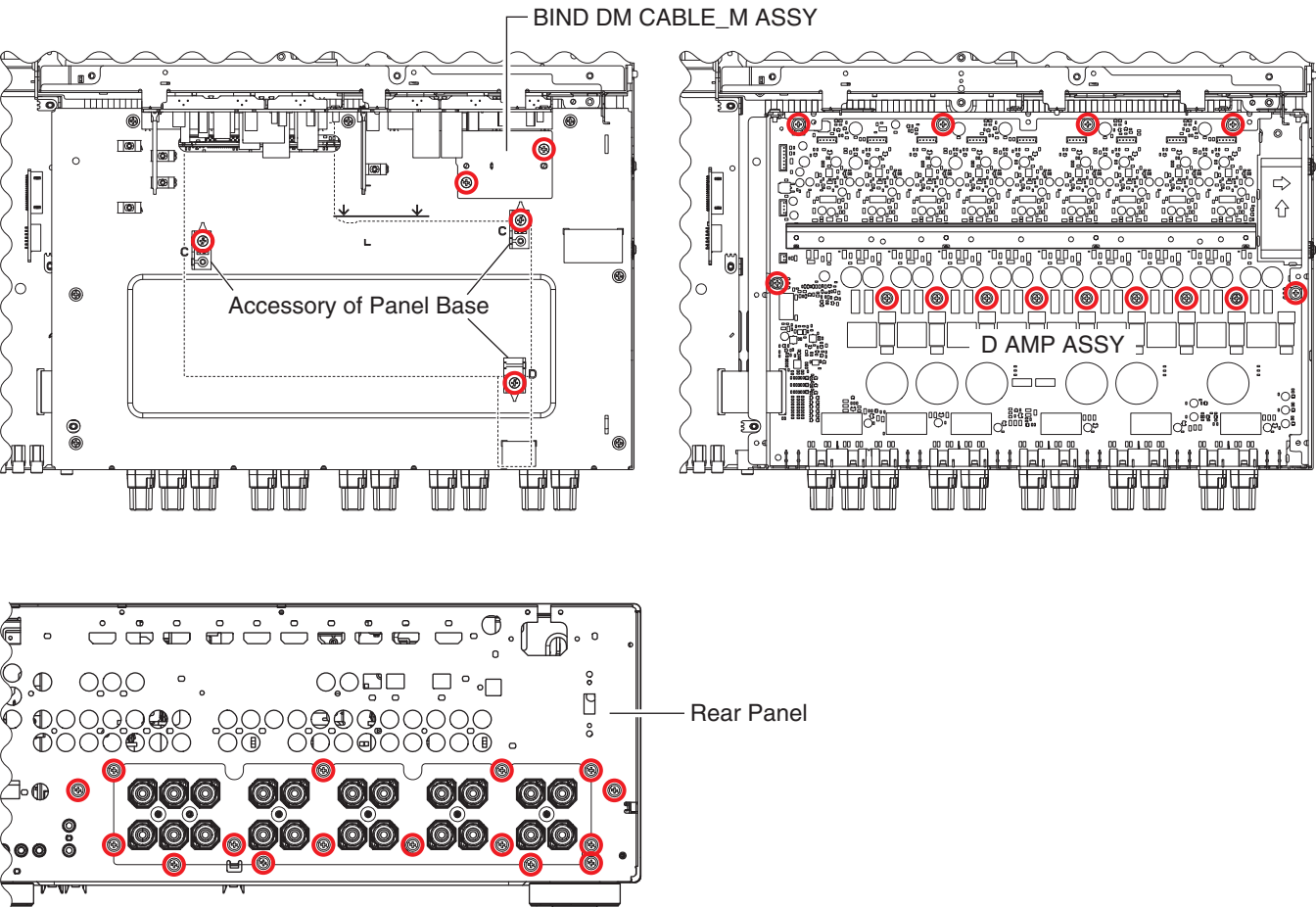
Note : The right and left positions for the attachment positioning of digital amplifier block are gradual, however, adjust the front and back positions correctly. For the positioning procedure, refer to "7. DISASSEMBLY".

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-99, SC-97 SPECIFICATIONS

A

Amplifier section

Continuous average power output*

8 Ω 140 W** per channel

6 Ω 200 W (SC-99)*** / 190 W (SC-97)*** 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 850 W (SC-99)/810 W (SC-97)

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

Front 140 W + 140 W

Center 140 W

Surround 140 W + 140 W

Surround back 140 W + 140 W

Top middle/Extra 1 140 W + 140 W

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

Front 200 W + 200 W (SC-99)/190 W + 190 W (SC-97)

Center 200 W (SC-99)/190 W (SC-97)

Surround 200 W + 200 W (SC-99)/190 W + 190 W (SC-97)

Surround back 200 W + 200 W (SC-99)/190 W + 190 W (SC-97)

Top middle/Extra 1 200 W + 200 W (SC-99)/190 W + 190 W (SC-97)

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

Front 255 W + 255 W (SC-99)/240 W + 240 W (SC-97)

Center 255 W (SC-99)/240 W (SC-97)

Surround 255 W + 255 W (SC-99)/240 W + 240 W (SC-97)

Surround back 255 W + 255 W (SC-99)/240 W + 240 W (SC-97)

Top middle/Extra 1 255 W + 255 W (SC-99)/240 W + 240 W (SC-97)

Total harmonic distortion 0.04 % (1 kHz, 130 W + 130 W, 8 Ω)

Guaranteed speaker impedance 4 Ω to 16 Ω

Audio Section

Input (Sensitivity/Impedance)

PHONO MM 5 mV/47 kΩ

LINE 400 mV/47 kΩ

Output (Level/Impedance)

REC 400 mV/2.2 kΩ

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

LINE 103 dB

D

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

USB terminal (SC-99 only) USB2.0 High Speed (Type B)

iPod terminal USB

F

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
USB terminal (SC-99 only).....	USB2.0 High Speed (Type B)
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	
2.4GHz band (2.412GHz to 2.462GHz).....	Channel1 to Channel11
5GHz band (5.180GHz to 5.240GHz, 5.745GHz to 5.825GHz)	
.....	Channel36 to Channel48, Channel149 to Channel165
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.....	370 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)	
SC-99.....	17.6 kg (38.8 lb)
SC-97.....	17.5 kg (38.6 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-LX89, SC-LX79 SPECIFICATIONS

Amplifier section

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

9 ch total.....	850 W (SC-LX89)/810 W (SC-LX79)
Rated power output (1 kHz, 4 Ω, 1 %, 1 ch Driven).....	260 W (SC-LX89)/250 W (SC-LX79) per channel
Rated power output (1 kHz, 6 Ω, 1 %, 1 ch Driven).....	220 W (SC-LX89)/210 W (SC-LX79) per channel
For Oceania model: Maximum power output (1 kHz, 4 Ω, 10 %, 1 ch Driven)	
.....	370 W (SC-LX89)/350 W (SC-LX79) per channel
Total harmonic distortion.....	0.04 % (1 kHz, 130 W + 130 W, 8 Ω)
Guaranteed speaker impedance.....	4 Ω to 16 Ω

Audio Section

Input (Sensitivity/Impedance)

PHONO MM.....	5 mV/47 kΩ
LINE.....	400 mV/47 kΩ

Output (Level/Impedance)

REC.....	400 mV/2.2 kΩ
----------	---------------

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

LINE.....	103 dB
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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

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 profilesA2DP, 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 terminal5 V, 900 mA

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

USB terminal (SC-LX89 only).....USB2.0 High Speed (Type B)

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 terminal10 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 2.472GHz).....Channel 1 to Channel 13

5 GHz band (5.180GHz to 5.240GHz).....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)

Miscellaneous

Power requirements.....	AC 220 V to 230 V, 50 Hz/60 Hz
Power consumption.....	370 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)	
SC-LX89.....	18.1 kg
SC-LX79.....	17.7 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
Wireless antenna.....	2
Power cord	
CD-ROM	
Quick start guide	
Safety Brochure	
Warranty sheet	



Notes

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3. BASIC ITEMS FOR SERVICE

3.1 CHECK POINTS AFTER SERVICING

Items to be checked after servicing

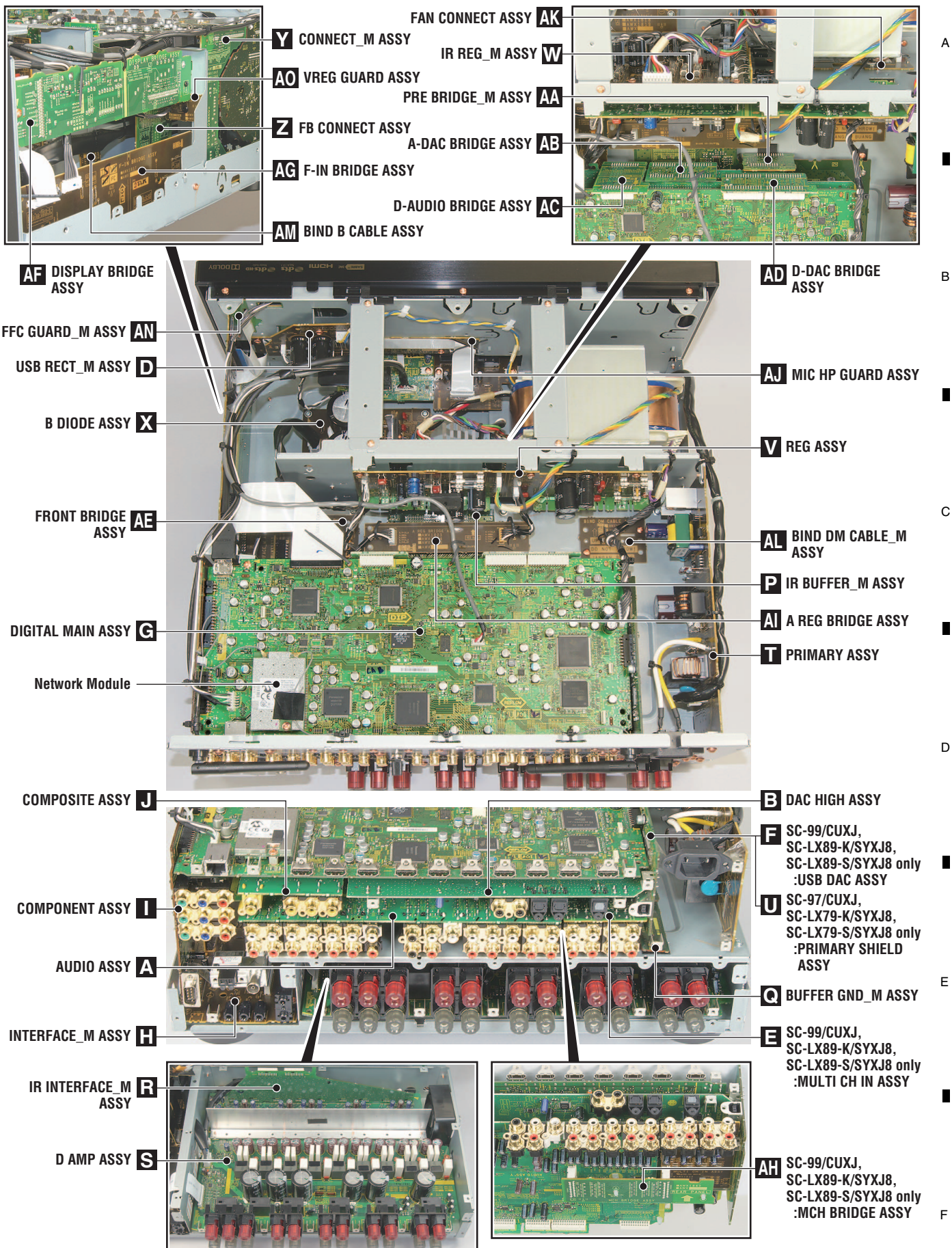
To keep the product quality after servicing, confirm recommended check points shown below.

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.

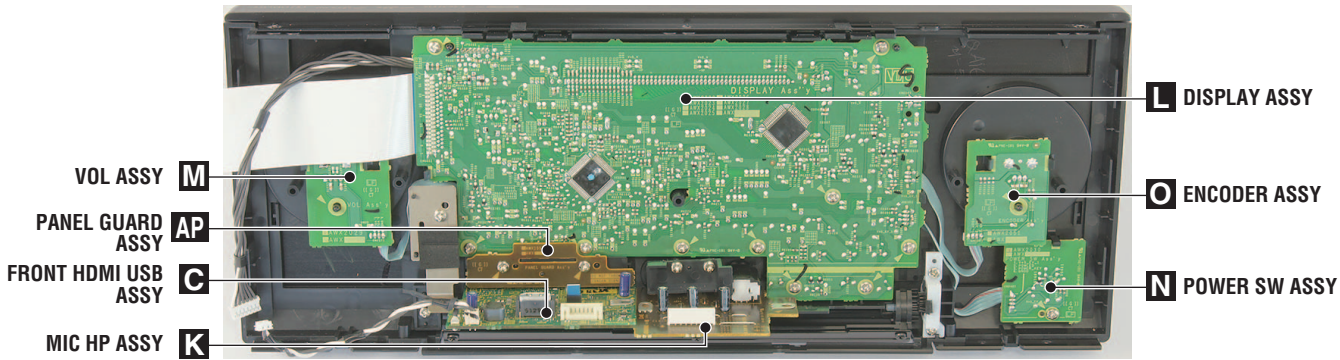
See the table below for the items to be checked regarding video and audio.

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	

3.2 PCB LOCATIONS



A



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.

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
LIST OF ASSEMBLIES							
■		1...D AMP ASSY (SC-99)	AWH7104	NSP	1...PRIM DISPLAY ASSY (SC-LX89/SC-LX79)	AWM8418	
		1...D AMP ASSY (SC-97)	AWH7108		2..MIC HP ASSY	AWX2049	
		1...D AMP ASSY (SC-LX89)	AWH7105		2..DISPLAY ASSY	AWX2027	
		1...D AMP ASSY (SC-LX79)	AWH7109		2..VOL ASSY	AWX2029	
C	NSP	1...AUDIO COMPOSITE_H ASSY (SC-99)	AWR7288		2..POWER SW ASSY	AWX2030	
		2..AUDIO ASSY	AWX2076		2..PRIMARY ASSY	AWX2039	
		2..COMPOSITE ASSY	AWX2085		2..ENCODER ASSY	AWX2051	
		2..D-AUDIO BRIDGE ASSY	AWX2196		2..MIC HP GUARD ASSY	AWX2052	
■	NSP	1...AUDIO COMPOSITE_H ASSY (SC-97)	AWR7292		2..FAN CONNECT ASSY	AWX2055	
		2..AUDIO ASSY	AWX2080	NSP	2..VREG GUARD ASSY	AWX2053	
		2..COMPOSITE ASSY	AWX2086	NSP	2..PANEL GUARD ASSY	AWX2054	
		2..D-AUDIO BRIDGE ASSY	AWX2196				
D	NSP	1...AUDIO COMPOSITE_H ASSY (SC-LX89)	AWR7289	NSP	1...IR BUFFER_M ASSY (SC-99/SC-97)	AWM8423	
		2..AUDIO ASSY	AWX2077		2..IR BUFFER_M ASSY	AWX2093	
		2..COMPOSITE ASSY	AWX2085		2..BUFFER GND_M ASSY	AWX1783	
		2..D-AUDIO BRIDGE ASSY	AWX2196	NSP	1...IR BUFFER_M ASSY (SC-LX89)	AWM8424	
■	NSP	1...AUDIO COMPOSITE_H ASSY (SC-LX79)	AWR7293		2..IR BUFFER_M ASSY	AWX2094	
		2..AUDIO ASSY	AWX2081		2..BUFFER GND_M ASSY	AWX1783	
		2..COMPOSITE ASSY	AWX2086	NSP	1...IR BUFFER_M ASSY (SC-LX79)	AWM8426	
		2..D-AUDIO BRIDGE ASSY	AWX2196		2..IR BUFFER_M ASSY	AWX2096	
E	NSP	1...AUDIO COMPOSITE_H ASSY (SC-LX89)	AWR7289		2..BUFFER GND_M ASSY	AWX1783	
		2..AUDIO ASSY	AWX2077	NSP	1...INTERFACE REG_M ASSY (SC-99)	AWR7296	
		2..COMPOSITE ASSY	AWX2085		2..INTERFACE_M ASSY	AWX2120	
		2..D-AUDIO BRIDGE ASSY	AWX2196		2..IR REG_M ASSY	AWX2124	
■	NSP	1...AUDIO COMPOSITE_H ASSY (SC-LX79)	AWR7293		2..B DIODE ASSY	AWX2130	
		2..AUDIO ASSY	AWX2081		2..PRE BRIDGE_M ASSY	AWX1822	
		2..COMPOSITE ASSY	AWX2086	NSP	2..A REG BRIDGE ASSY	AWX2132	
		2..D-AUDIO BRIDGE ASSY	AWX2196	NSP	2..FFC GUARD_M ASSY	AWX1821	
F	NSP	1...AUDIO COMPOSITE_H ASSY (SC-LX89)	AWR7289	NSP	2..BIND B CABLE ASSY	AWX1826	
		2..AUDIO ASSY	AWX2081	NSP	1...INTERFACE REG_M ASSY (SC-97)	AWR7299	
		2..COMPOSITE ASSY	AWX2086		2..INTERFACE_M ASSY	AWX2120	
		2..D-AUDIO BRIDGE ASSY	AWX2196		2..IR REG_M ASSY	AWX2127	
■	NSP	1...AUDIO COMPOSITE_H ASSY (SC-LX79)	AWR7293		2..B DIODE ASSY	AWX2130	
		2..AUDIO ASSY	AWX2081		2..PRIMARY SHIELD ASSY	AWX1820	
		2..COMPOSITE ASSY	AWX2086		2..PRE BRIDGE_M ASSY	AWX1822	
		2..D-AUDIO BRIDGE ASSY	AWX2196	NSP	2..A REG BRIDGE ASSY	AWX2132	
■	NSP	1...AUDIO COMPOSITE_H ASSY (SC-LX89)	AWR7289	NSP	2..FFC GUARD_M ASSY	AWX1821	
		2..AUDIO ASSY	AWX2081	NSP	2..BIND B CABLE ASSY	AWX1826	
		2..COMPOSITE ASSY	AWX2086	NSP	1...INTERFACE REG_M ASSY (SC-LX89)	AWR7297	
		2..D-AUDIO BRIDGE ASSY	AWX2196		2..INTERFACE_M ASSY	AWX2121	
■	NSP	1...AUDIO COMPOSITE_H ASSY (SC-LX79)	AWR7293		2..IR REG_M ASSY	AWX2125	
		2..AUDIO ASSY	AWX2081		2..B DIODE ASSY	AWX2131	
		2..COMPOSITE ASSY	AWX2086		2..PRE BRIDGE_M ASSY	AWX1822	
		2..D-AUDIO BRIDGE ASSY	AWX2196	NSP	2..A REG BRIDGE ASSY	AWX2133	
■	NSP	1...AUDIO COMPOSITE_H ASSY (SC-LX89)	AWR7289	NSP	2..FFC GUARD_M ASSY	AWX1821	
		2..AUDIO ASSY	AWX2081	NSP	2..BIND B CABLE ASSY	AWX1826	
		2..COMPOSITE ASSY	AWX2086				
		2..D-AUDIO BRIDGE ASSY	AWX2196				

	5		6		7		8	
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	
NSP	1..	INTERFACE REG_M ASSY (SC-LX79)	AWR7300	1..	DIGITAL MAIN ASSY (SC-99)		AWX2013	
	2..	INTERFACE_M ASSY	AWX2121	2..	NETWORK MODULE		AXX7293	
	2..	IR REG_M ASSY	AWX2128					
	2..	B DIODE ASSY	AWX2131	1..	DIGITAL MAIN ASSY (SC-97)		AWX2017	A
	2..	PRIMARY SHIELD ASSY	AWX1820	2..	NETWORK MODULE		AXX7293	
	2..	PRE BRIDGE_M ASSY	AWX1822					
NSP	2..	A REG BRIDGE ASSY	AWX2133	1..	DIGITAL MAIN ASSY (SC-LX89)		AWX2014	
NSP	2..	FFC GUARD_M ASSY	AWX1821	2..	NETWORK MODULE		AXX7293	
NSP	2..	BIND B CABLE ASSY	AWX1826					
NSP	1...	REG BRIDGE ASSY (SC-99)	AWR7306	1..	DIGITAL MAIN ASSY (SC-LX79)		AWX2018	
	2..	REG ASSY	AWX2149	2..	NETWORK MODULE		AXX7293	
	2..	FRONT BRIDGE ASSY	AWX1833	1...	FRONT HDMI USB ASSY (SC-99/SC-97)		AWX2115	
	2..	DISPLAY BRIDGE ASSY	AWX2155	1...	FRONT HDMI USB ASSY (SC-LX89)		AWX2116	
	2..	F-IN BRIDGE ASSY	AWX2158	1...	FRONT HDMI USB ASSY (SC-LX79)		AWX2118	
	2..	MULTI CH IN ASSY	AWX2159	1...	USB DAC ASSY (SC-99)		AWX2056	B
	2..	MCH BRIDGE ASSY	AWX1840	1...	USB DAC ASSY (SC-LX89)		AWX2057	
	2..	FB CONNECT ASSY	AWX1841					
	2..	CONNECT_M ASSY	AWX2162					
	2..	USB RECT_M ASSY	AWX2165					
	2..	BIND DM CABLE_M ASSY	AWX1846					
NSP	1...	REG BRIDGE ASSY (SC-97)	AWR7309					
	2..	REG ASSY	AWX2152					
	2..	FRONT BRIDGE ASSY	AWX1833					
	2..	DISPLAY BRIDGE ASSY	AWX2155					
	2..	F-IN BRIDGE ASSY	AWX2158					
	2..	FB CONNECT ASSY	AWX1841					
	2..	CONNECT_M ASSY	AWX2162					
	2..	USB RECT_M ASSY	AWX2165					
	2..	BIND DM CABLE_M ASSY	AWX1846					
NSP	1...	REG BRIDGE ASSY (SC-LX89)	AWR7307					C
	2..	REG ASSY	AWX2150					
	2..	FRONT BRIDGE ASSY	AWX1833					
	2..	DISPLAY BRIDGE ASSY	AWX2156					
	2..	F-IN BRIDGE ASSY	AWX2158					
	2..	MULTI CH IN ASSY	AWX2160					
	2..	MCH BRIDGE ASSY	AWX1840					
	2..	FB CONNECT ASSY	AWX1841					
	2..	CONNECT_M ASSY	AWX2163					
	2..	USB RECT_M ASSY	AWX2166					
	2..	BIND DM CABLE_M ASSY	AWX1846					
NSP	1...	REG BRIDGE ASSY (SC-LX79)	AWR7310					
	2..	REG ASSY	AWX2153					
	2..	FRONT BRIDGE ASSY	AWX1833					
	2..	DISPLAY BRIDGE ASSY	AWX2156					
	2..	F-IN BRIDGE ASSY	AWX2158					
	2..	FB CONNECT ASSY	AWX1841					
	2..	CONNECT_M ASSY	AWX2163					
	2..	USB RECT_M ASSY	AWX2166					
	2..	BIND DM CABLE_M ASSY	AWX1846					
	1...	IR INTERFACE_M ASSY	AWX1776					
	1...	DAC HIGH ASSY (SC-99)	AWX2063					
	1...	DAC HIGH ASSY (SC-97)	AWX2067					
	1...	DAC HIGH ASSY (SC-LX89)	AWX2064					
	1...	DAC HIGH ASSY (SC-LX79)	AWX2068					E
	1...	COMPONENT ASSY (SC-99)	AWX2105					
	1...	COMPONENT ASSY (SC-97)	AWX2108					
	1...	COMPONENT ASSY (SC-LX89)	AWX2106					
	1...	COMPONENT ASSY (SC-LX79)	AWX2109					

3.3 JIGS LIST

[1] Jigs List

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

[2] Lubricants and Glues List

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

[3] Cleaning



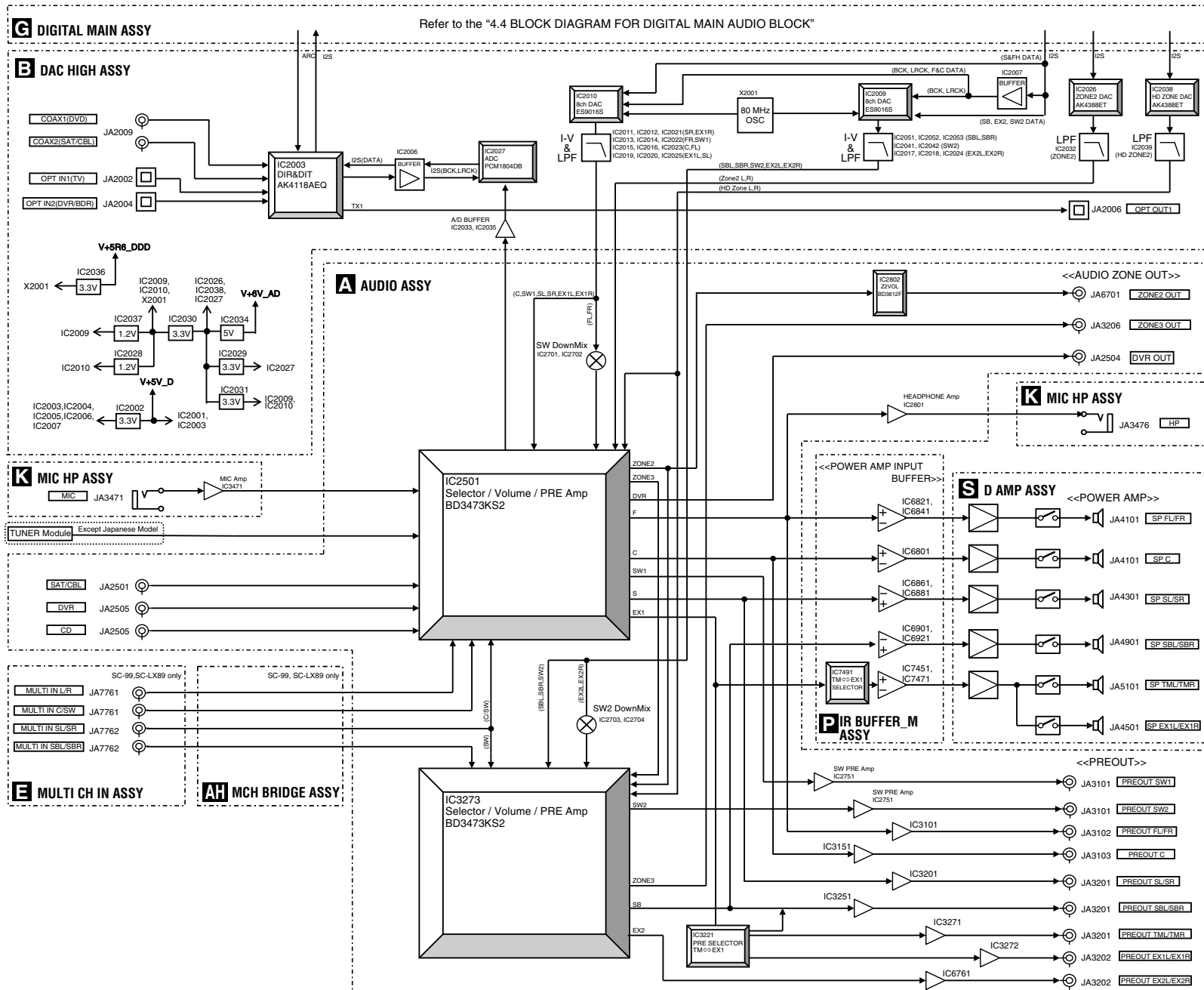
Before shipping out the product, be sure to clean the following positions by using the prescribed cleaning tools.

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

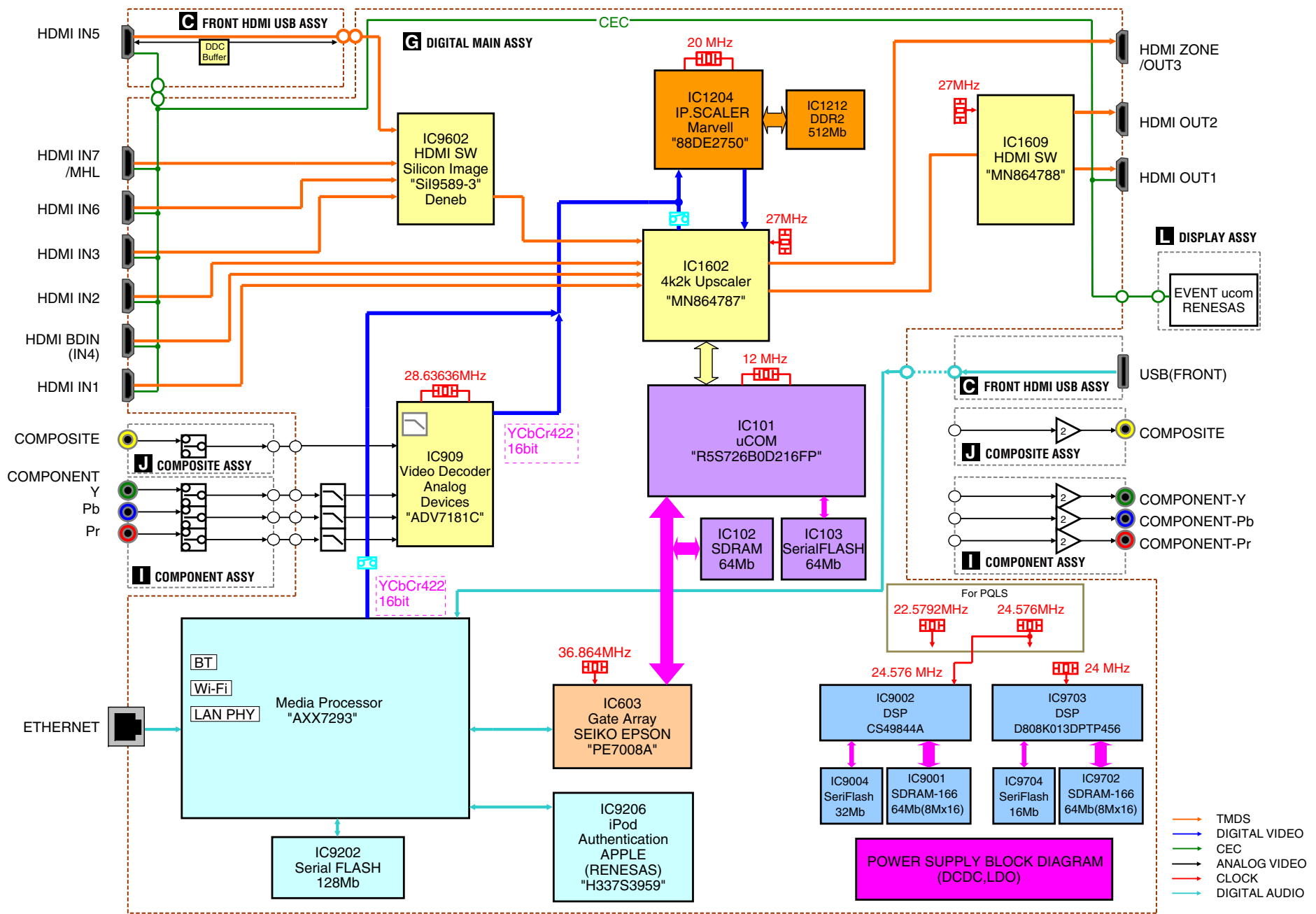
—



4

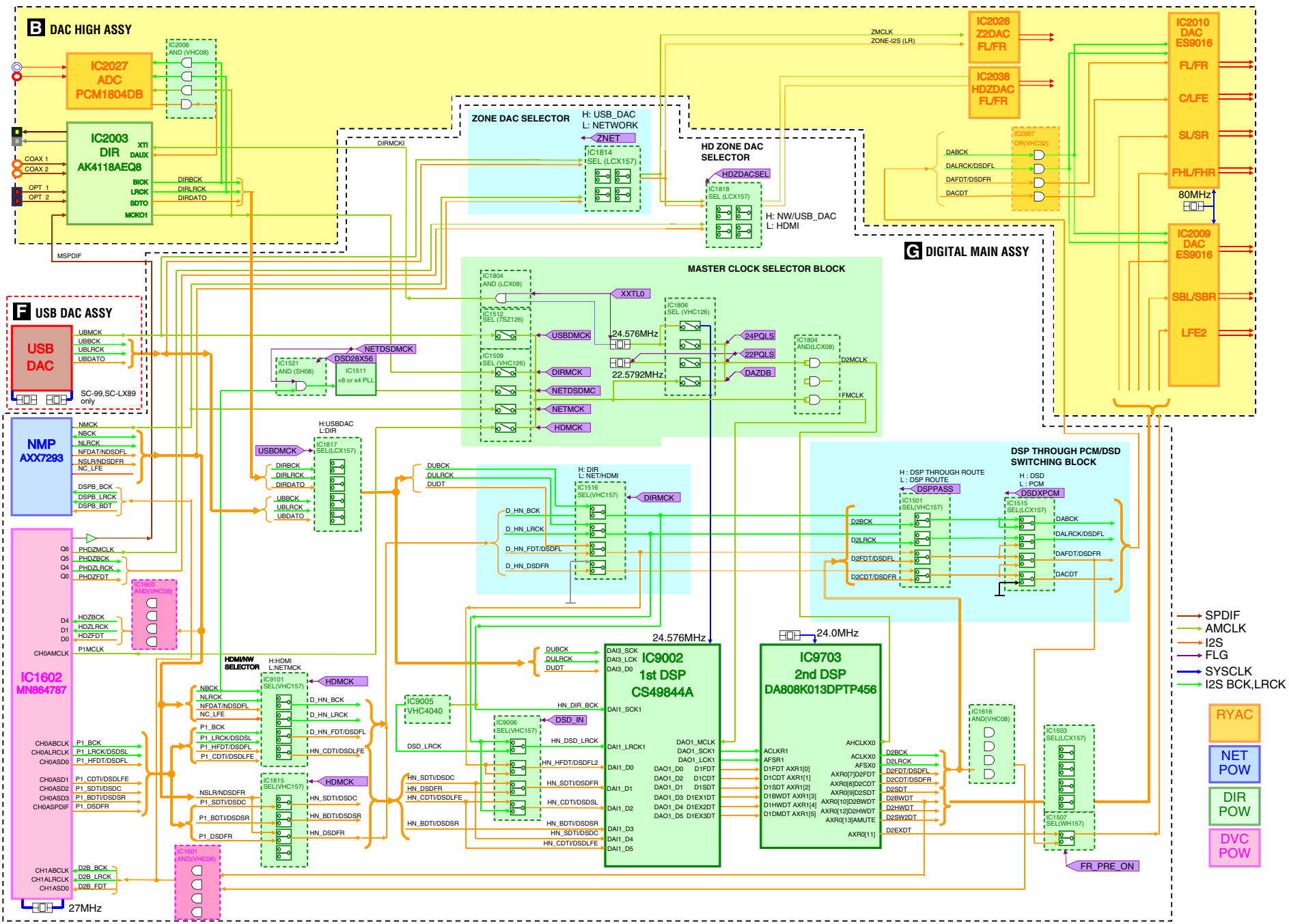


4.3 BLOCK DIAGRAM FOR DIGITAL MAIN VIDEO BLOCK

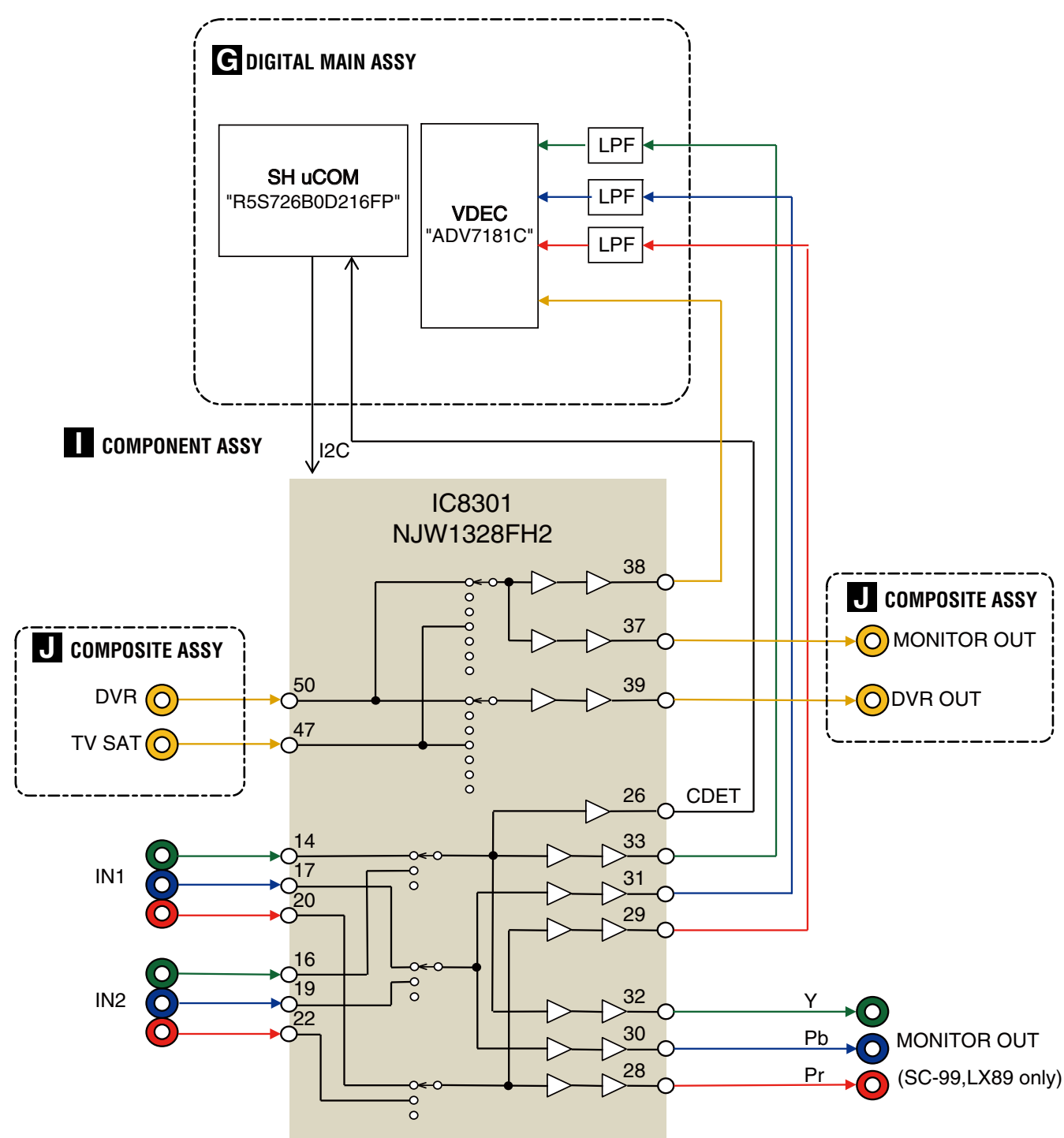


SC-99

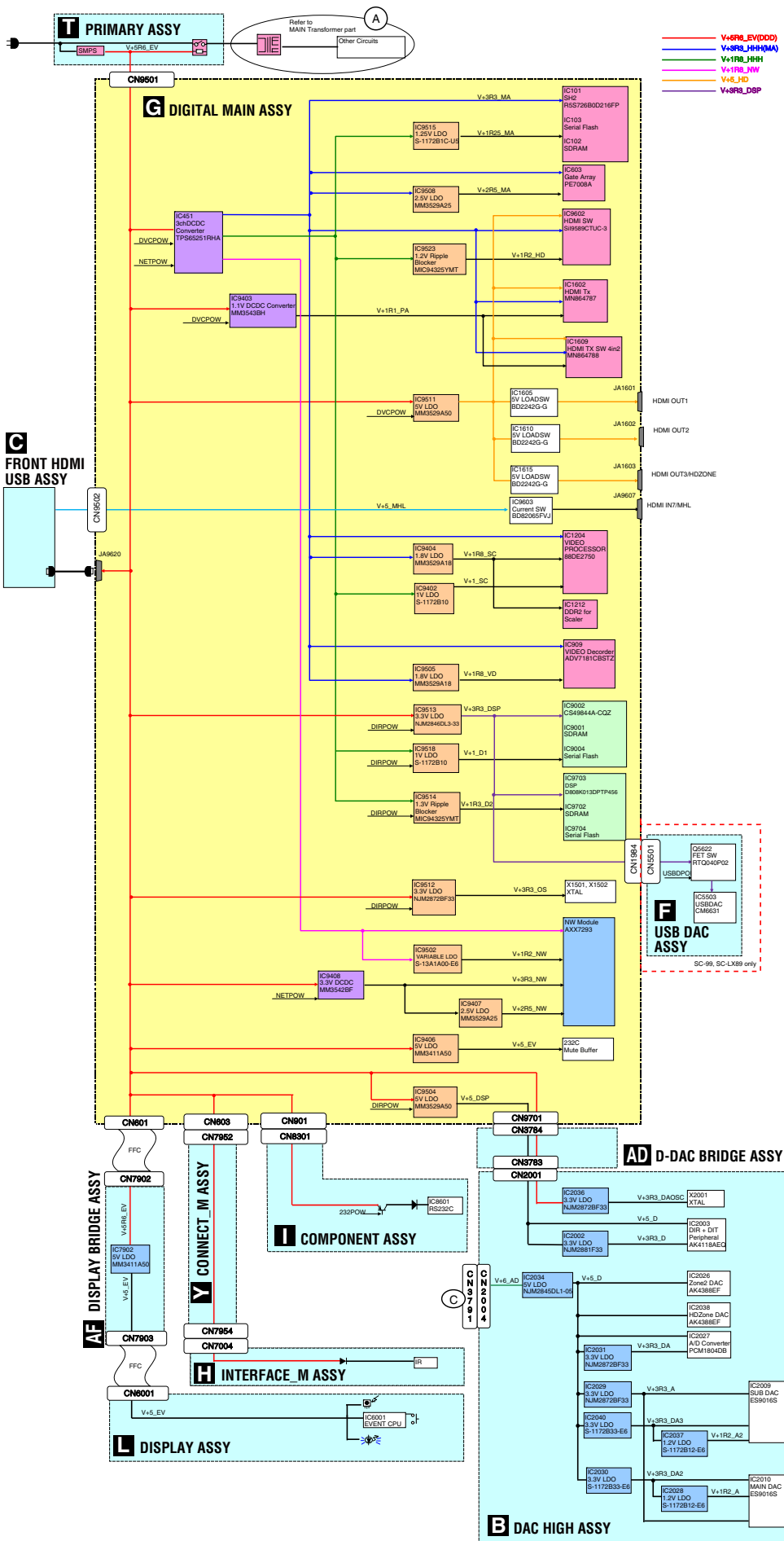
4.4 BLOCK DIAGRAM FOR DIGITAL MAIN AUDIO BLOCK



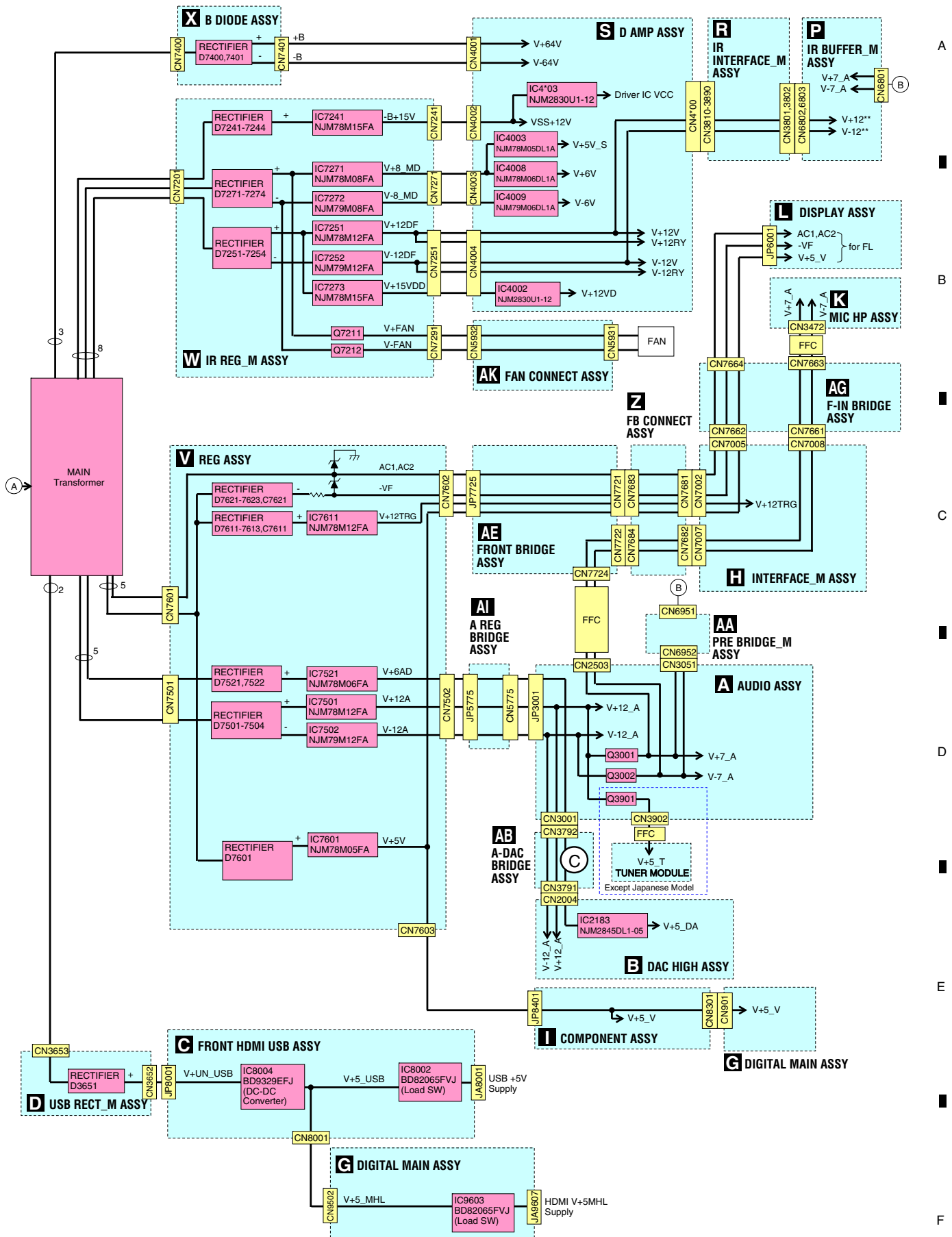
4.5 BLOCK DIAGRAM FOR VIDEO BLOCK



4.6 BLOCK DIAGRAM FOR POWER BLOCK (1)



4.7 BLOCK DIAGRAM FOR POWER BLOCK (2)

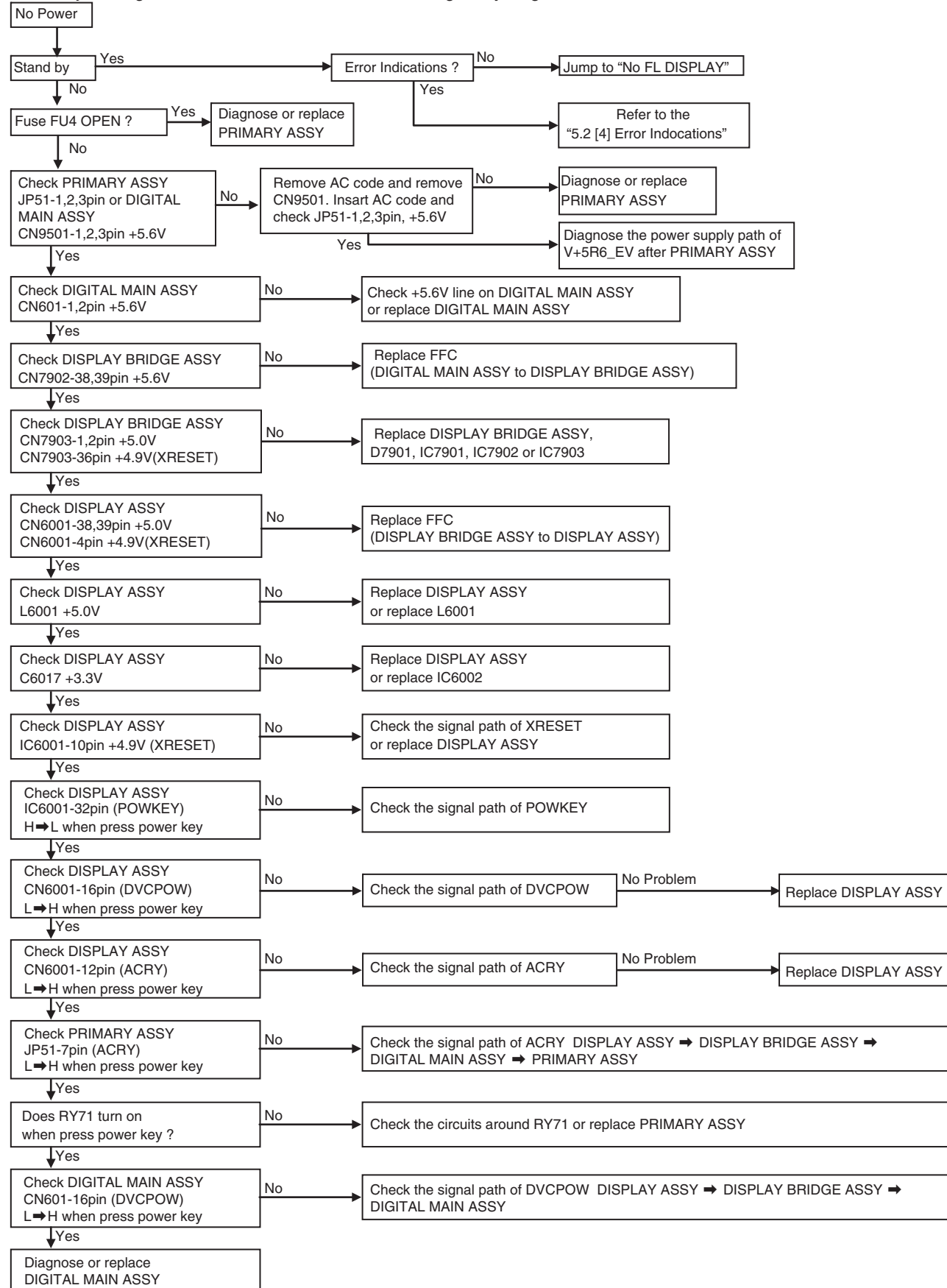


5. DIAGNOSIS

5.1 DIAGNOSIS FLOWCHART

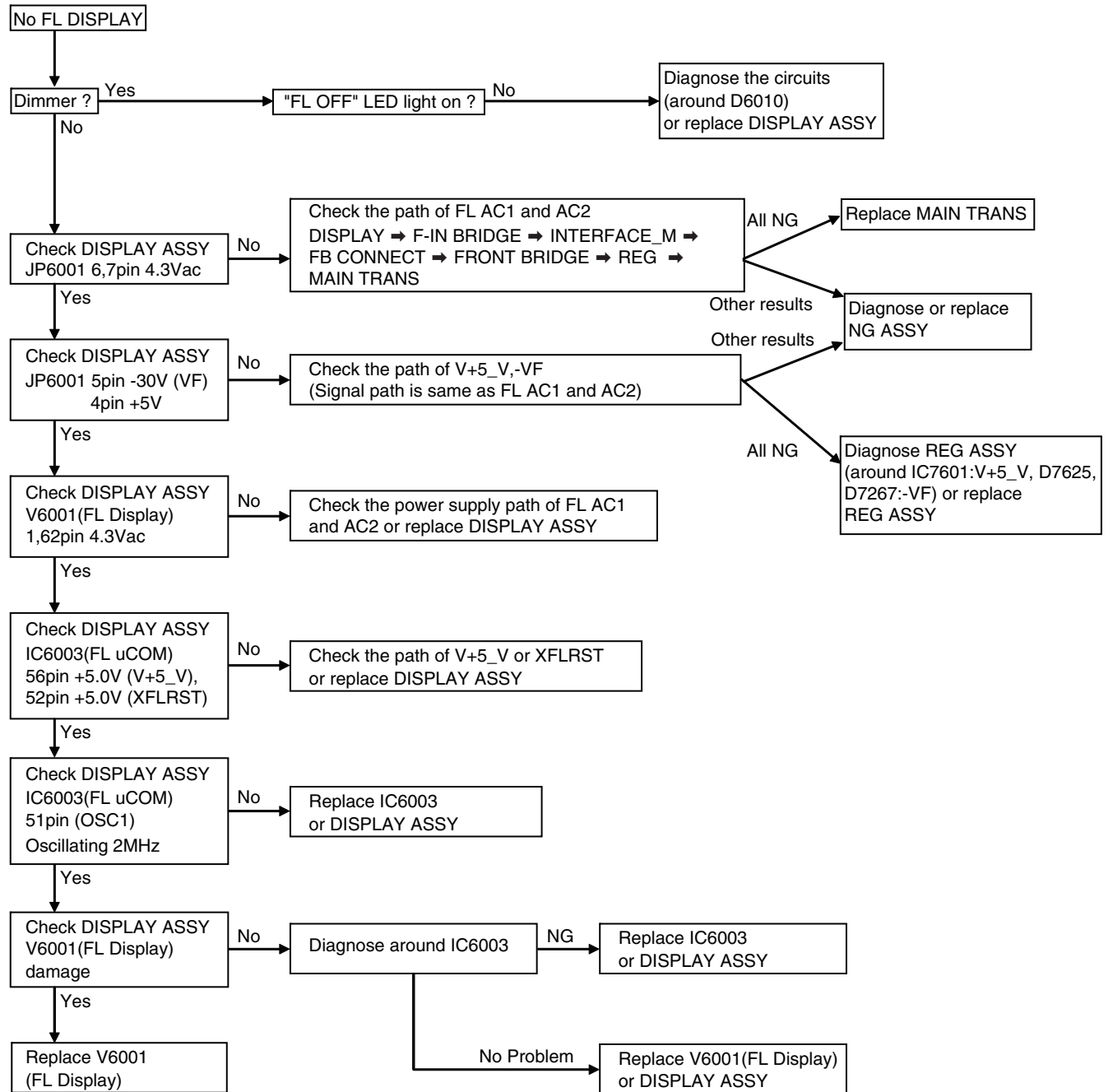
NO POWER

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.

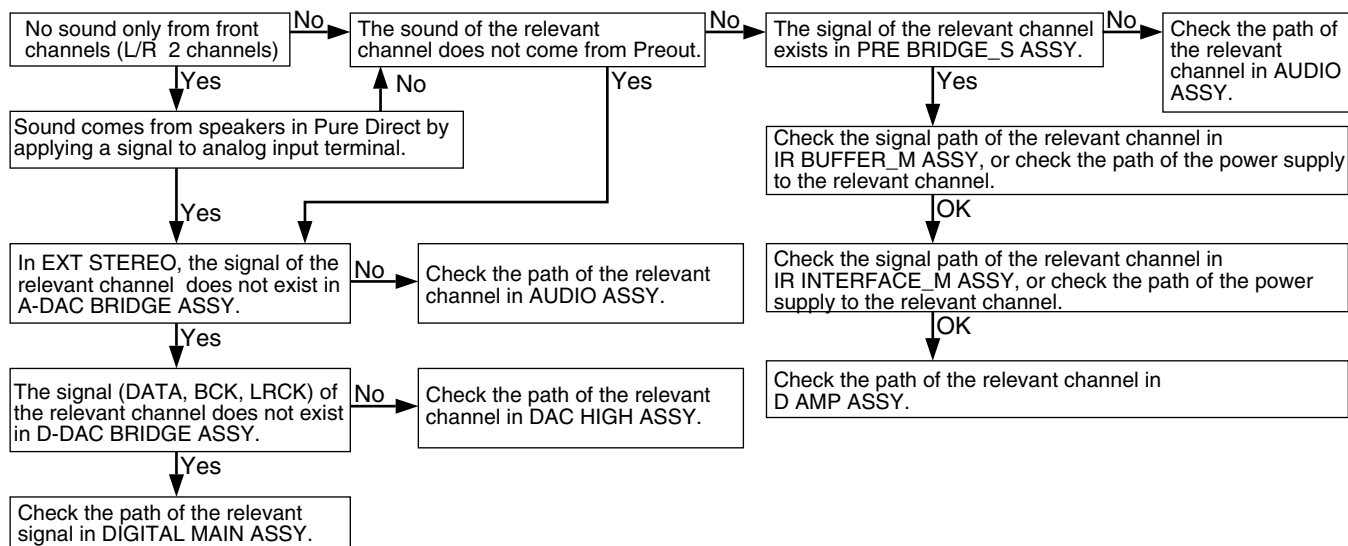


NO SOUND (Except for troubles caused by setting and others)

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

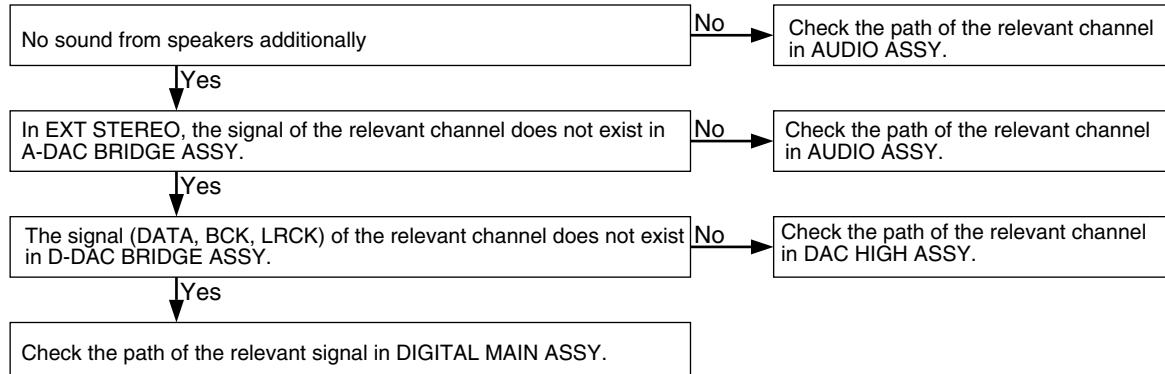
OPTIMUM Surr mode : Surround mode of headphones

- **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.)**

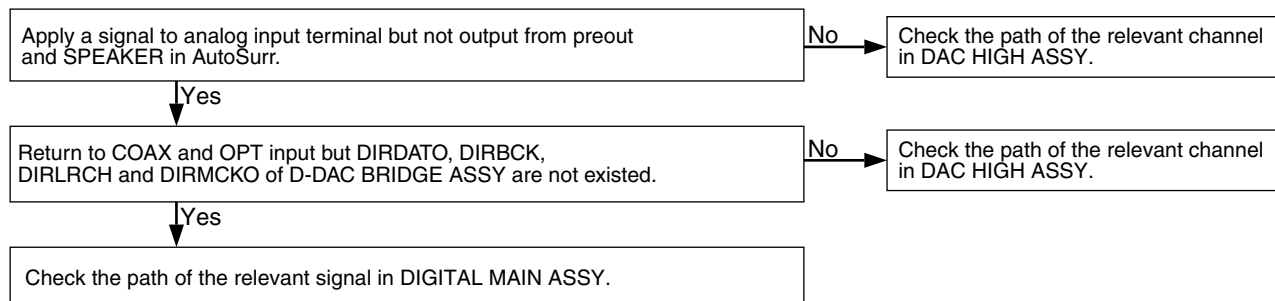


- **No sound only from Preout (Single channel - Check only the signal path of the relevant channel. Plural channels - There may be troubles with power source, control signals: MUTE, DET and others. Bad connection of cables and connectors should be also considered.)**

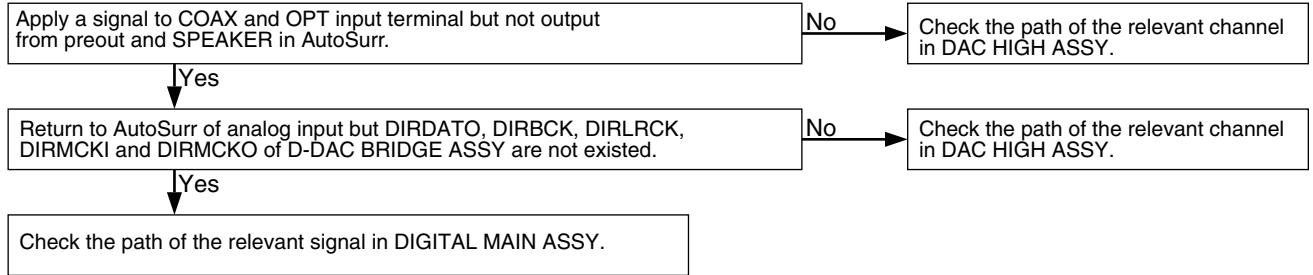
No sound only in DVROUT or PHONO - Check the relevant path in AUDIO ASSY .



- **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.)**

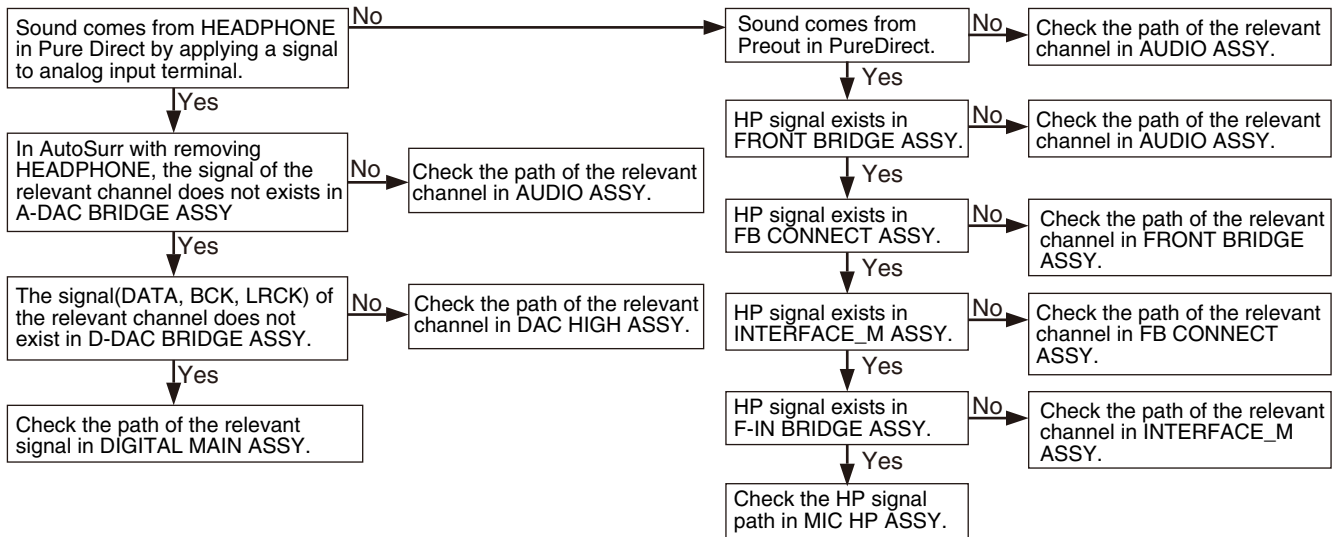


- **No sound only in AutoSurr in analog input (Single channel - Check only the signal path of the relevant channel. Plural channels - There may be troubles with power source, control signals: MUTE, DET and others. Bad connection of cables and connectors should be also considered.)**



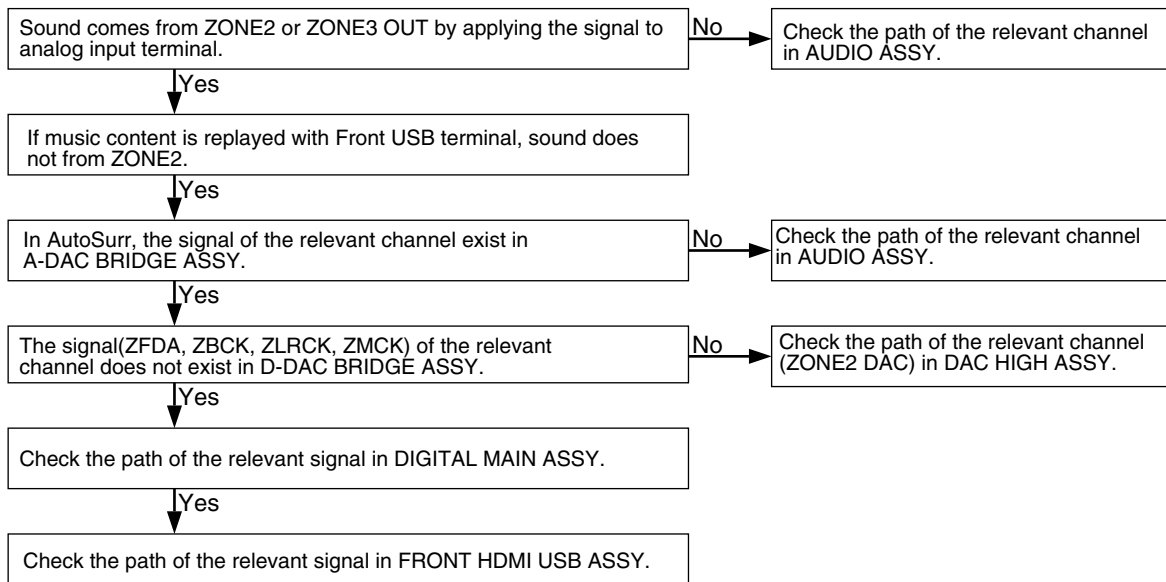
- **No sound from HEADPHONES (Single channel - Check only the signal path of the relevant channel. Plural channels - There may be troubles with power source, control signals: MUTE, DET and others. Bad connection of cables and connectors should be also considered.)**

If it is impossible to change to HEADPHONE, check the path of XHPDET signal.



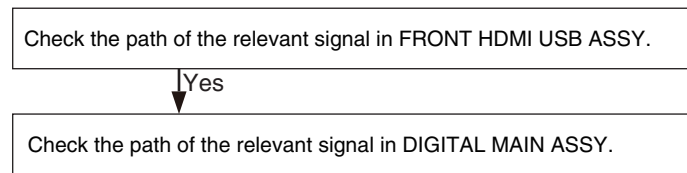
- **No sound only from ZONE (Single channel - Check only the signal path of the relevant channel. Plural channels - There may be troubles with power source, control signals: MUTE, DET and others. Bad connection of cables and connectors should be also considered.)**

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



- **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.)**

A



- **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.)**

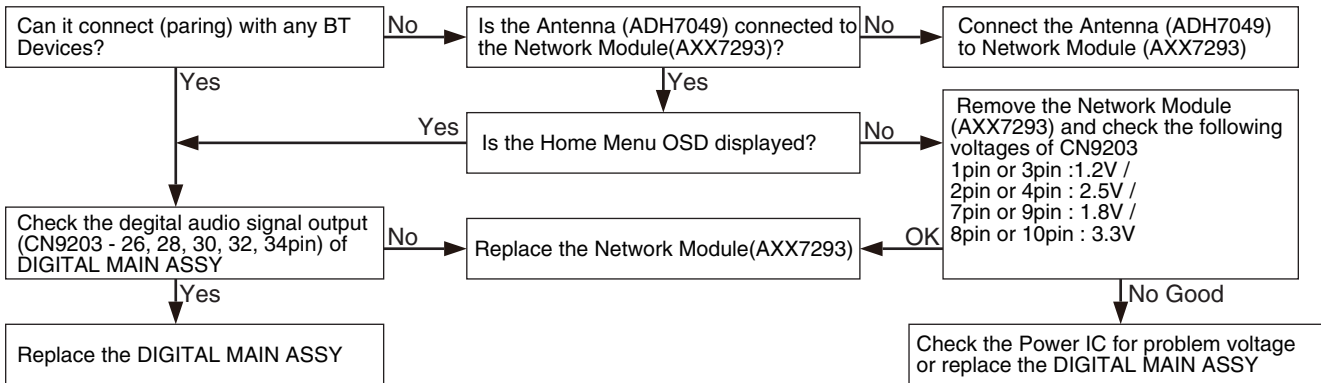
Check the path of the relevant signal in DIGITAL MAIN ASSY.

B

- **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.)**

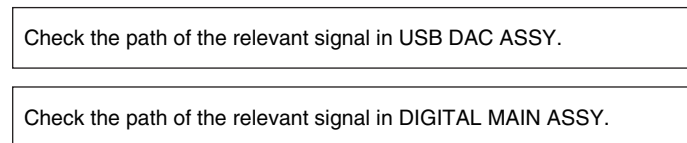
C

C



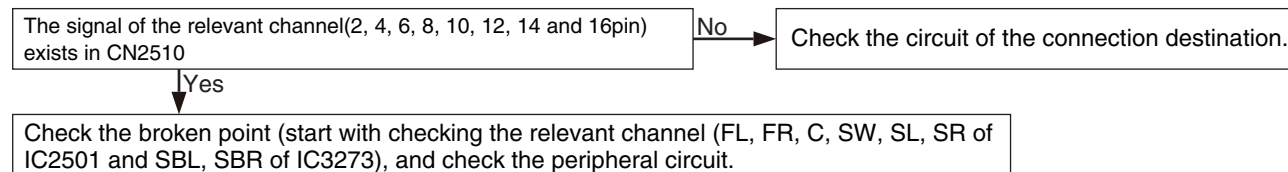
- **No sound only in USB-DAC (There may be troubles with the power source of circuit and control signals. Bad connection of cables and connectors should be also considered.) (SC-99, SC-LX89 only)**

D



- **No sound only in MULTI CH IN (There may be troubles with the power source of circuit and control signals. Bad connection of cables and connectors should be also considered.) (SC-97, SC-LX79 only)**

E

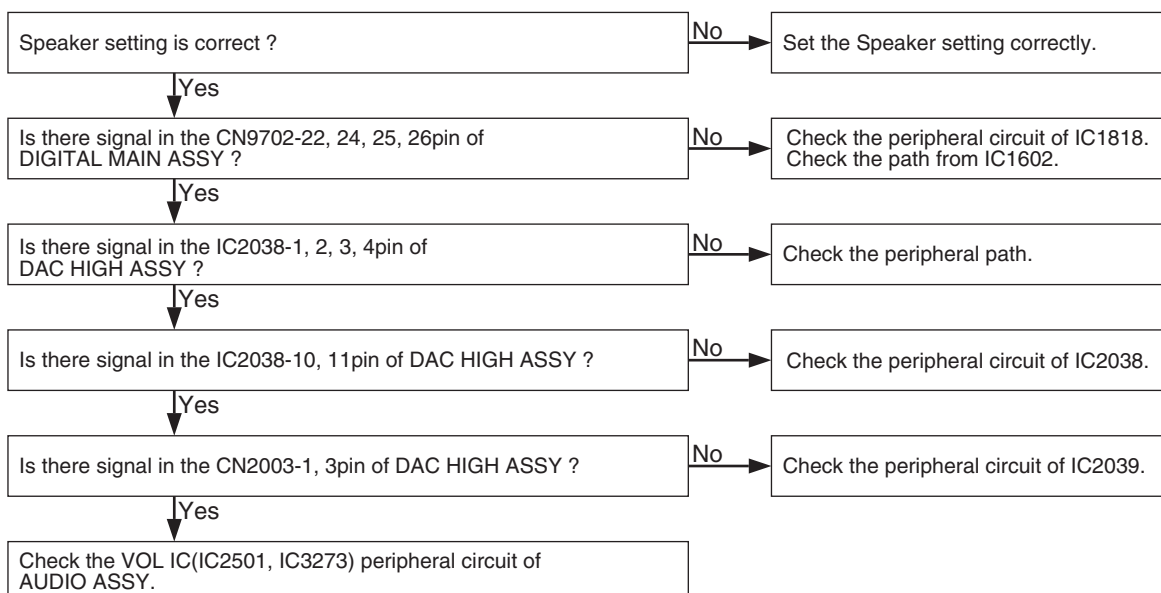


- **No sound only in tuner (There may be troubles with the power source of circuit and control signals. Bad connection of cables and connectors should be also considered.)**

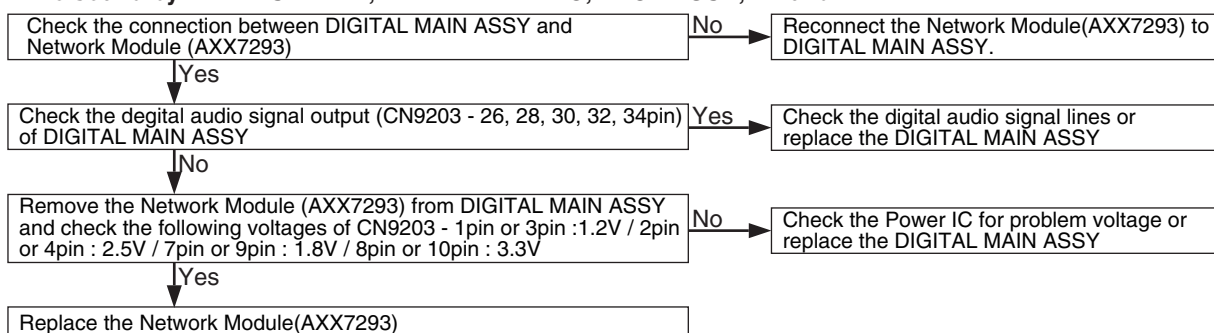
Check the path of the relevant channel in AUDIO ASSY, and check TUNER MODULE.

F

■ No sound only in POWERD HD ZONE

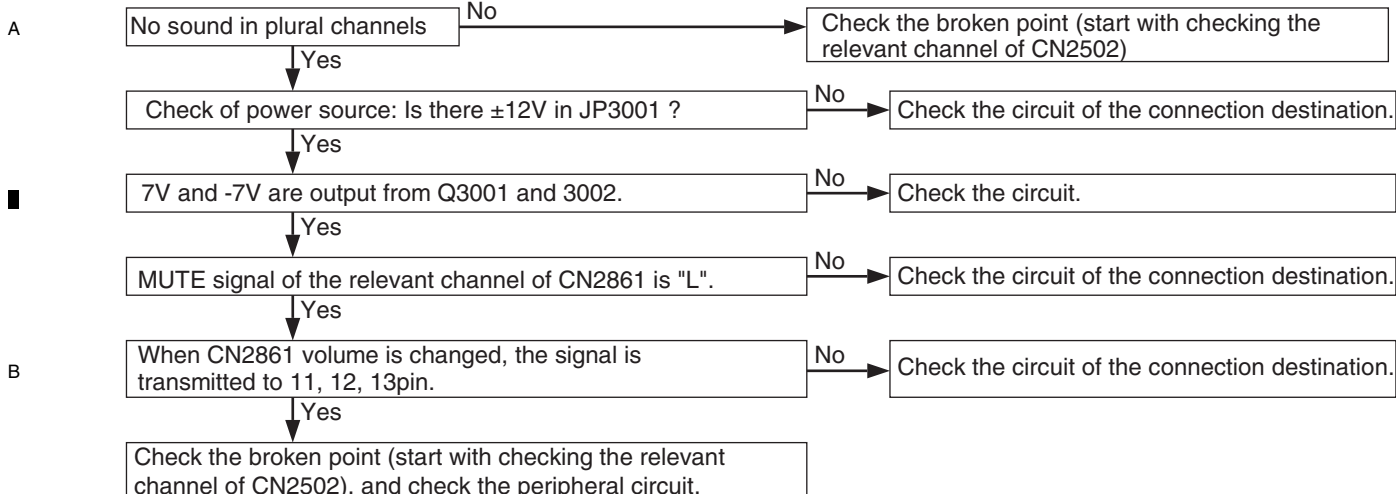


■ No sound by MEDIA SERVER, INTERNET RADIO, FRONT USB, BT and Wi-Fi



AUDIO ASSY DIAGNOSIS

No sound in plural input modes of speaker and Preout



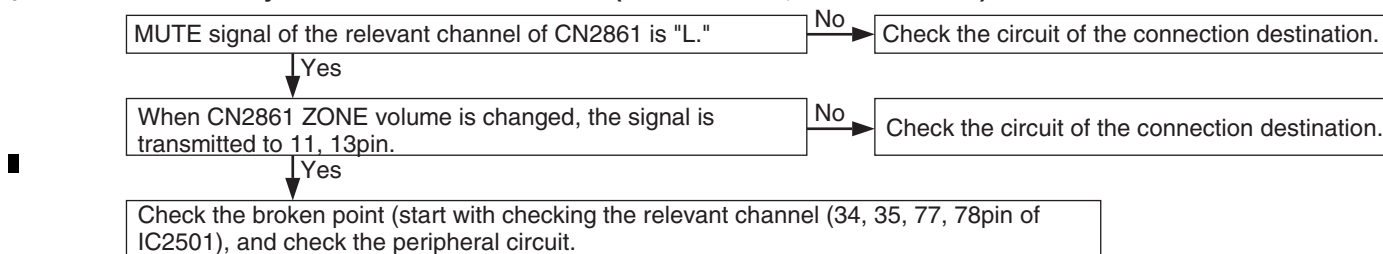
No sound only in analog input

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)



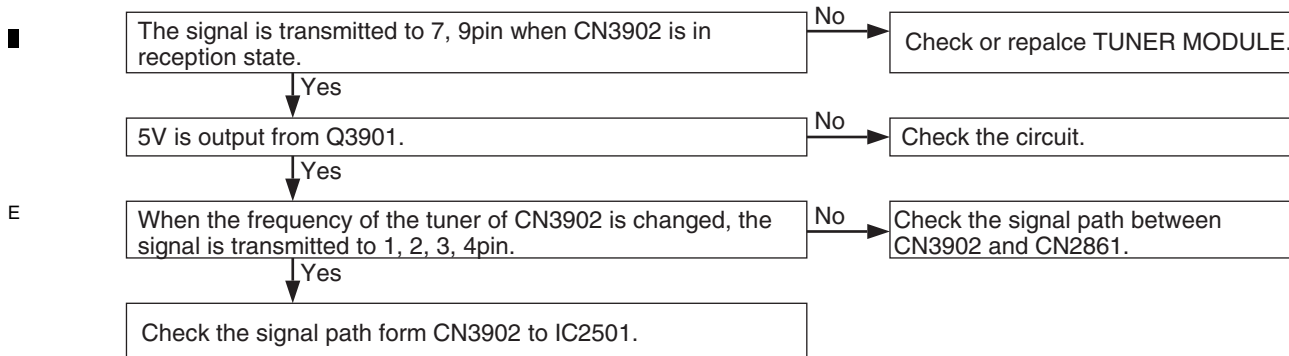
No sound only from ZONE 2 of FRONT USB

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.

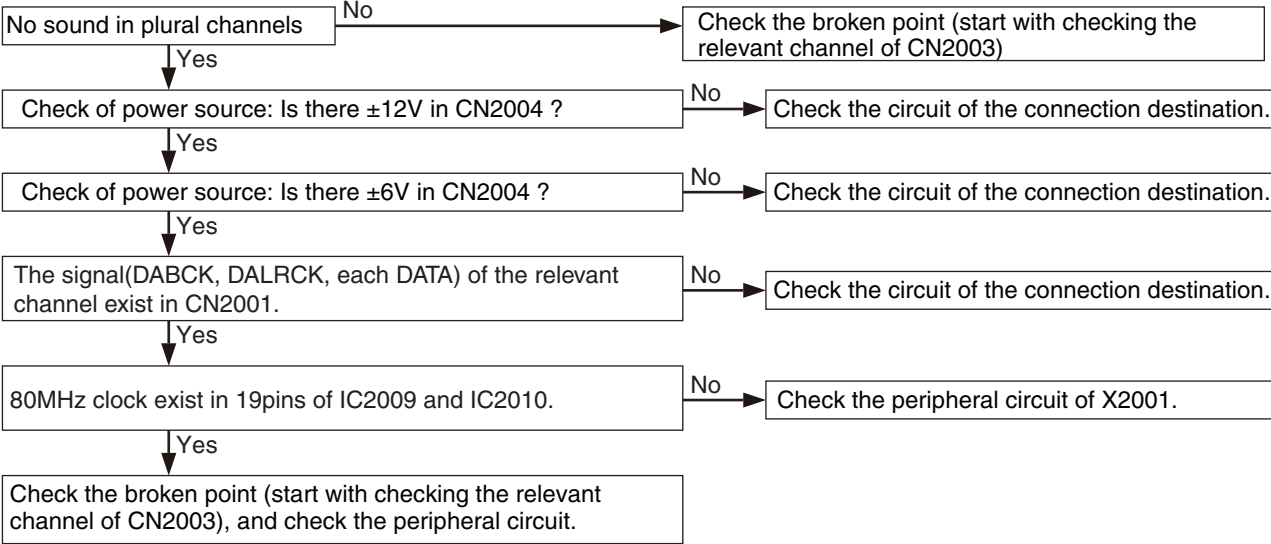
No sound only in PHONO

Check the path and circuit between IC2501 and JA2503.

F

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.

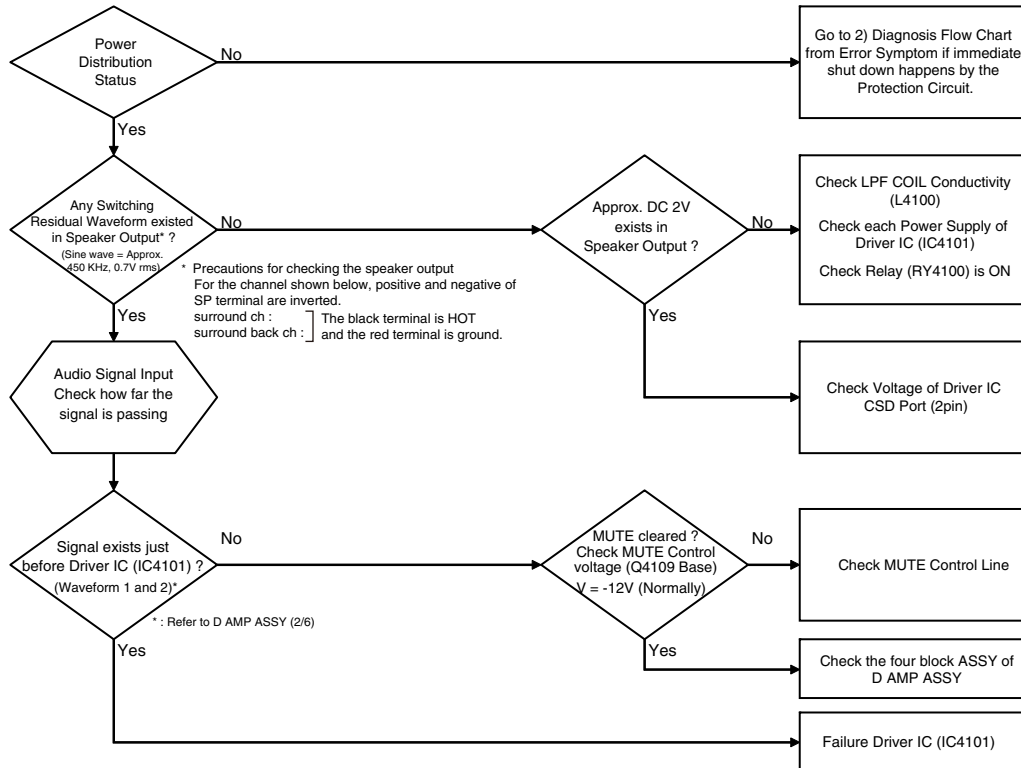
No sound only in BT

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

DIGITAL AMP BLOCK FLOWCHART

1) No Sound

A

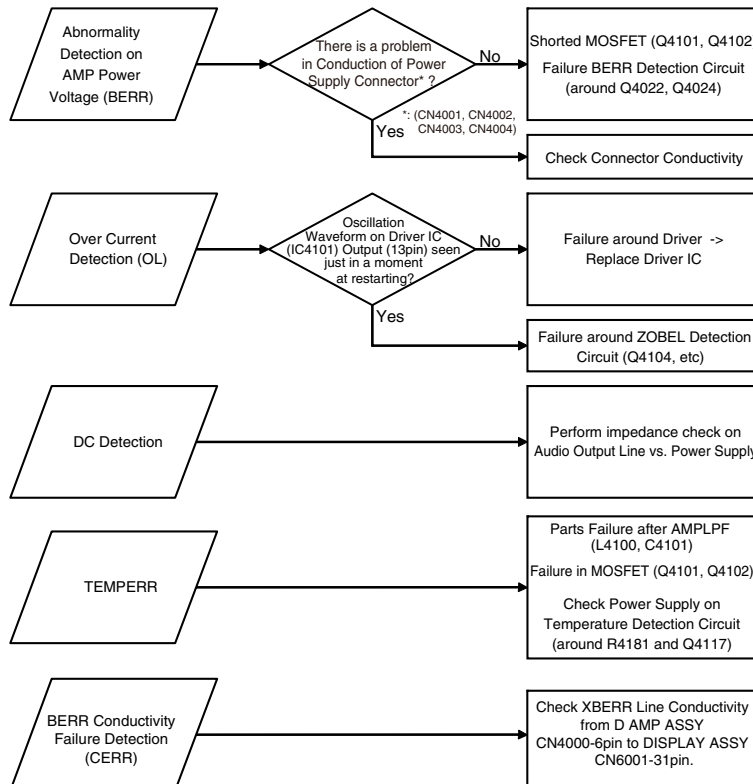


NOTE : Wiring number listed is the example of Front L-ch

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)

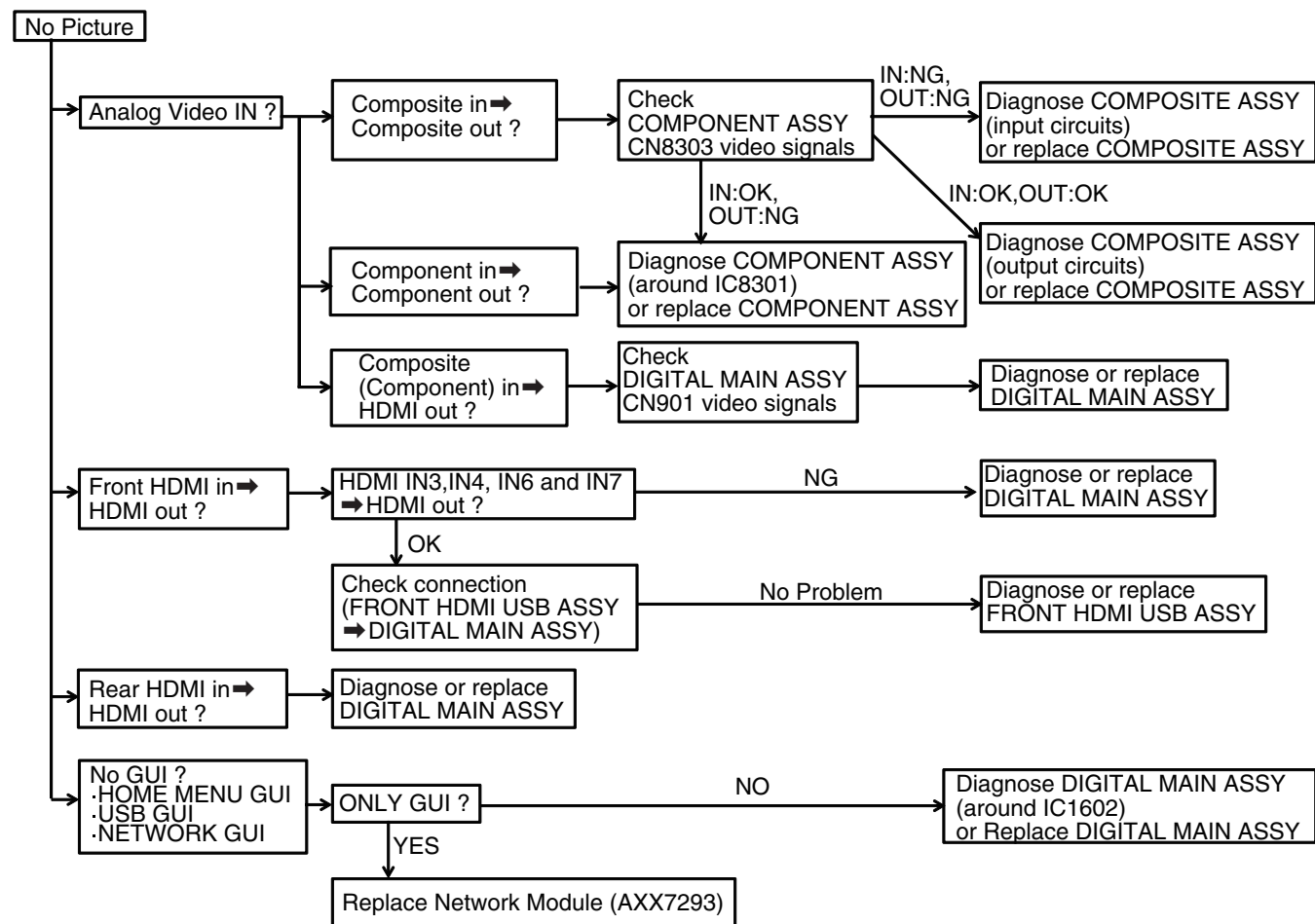
Cause of being DC
When DC 7V or above is output in Audio Output Line

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

F

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.

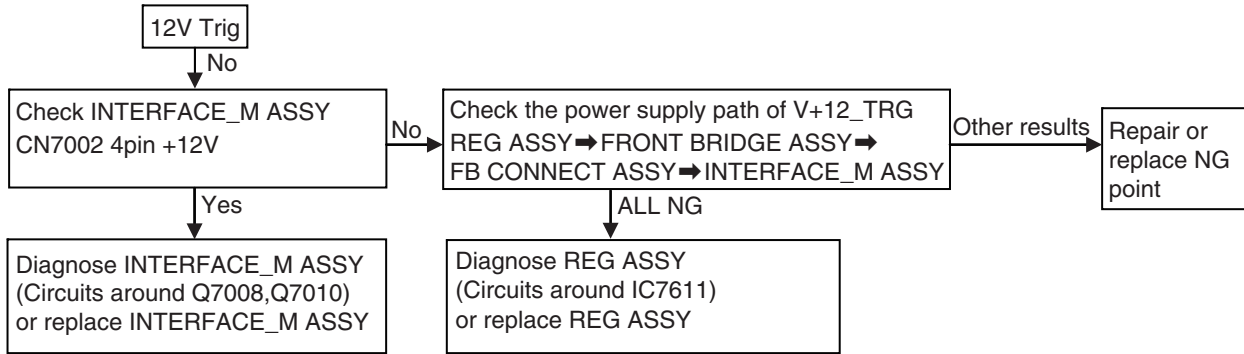
6 Press STANDBY/ON to switch on the receiver and your TV.

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

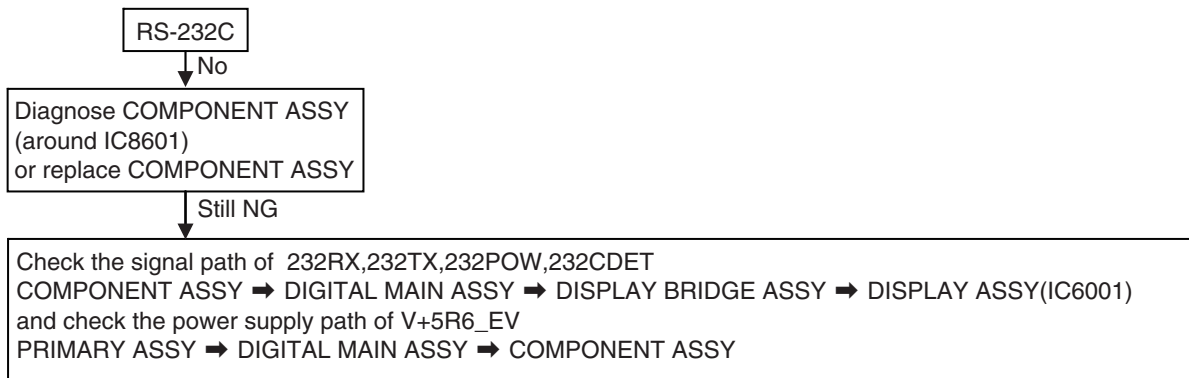
OTHER

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

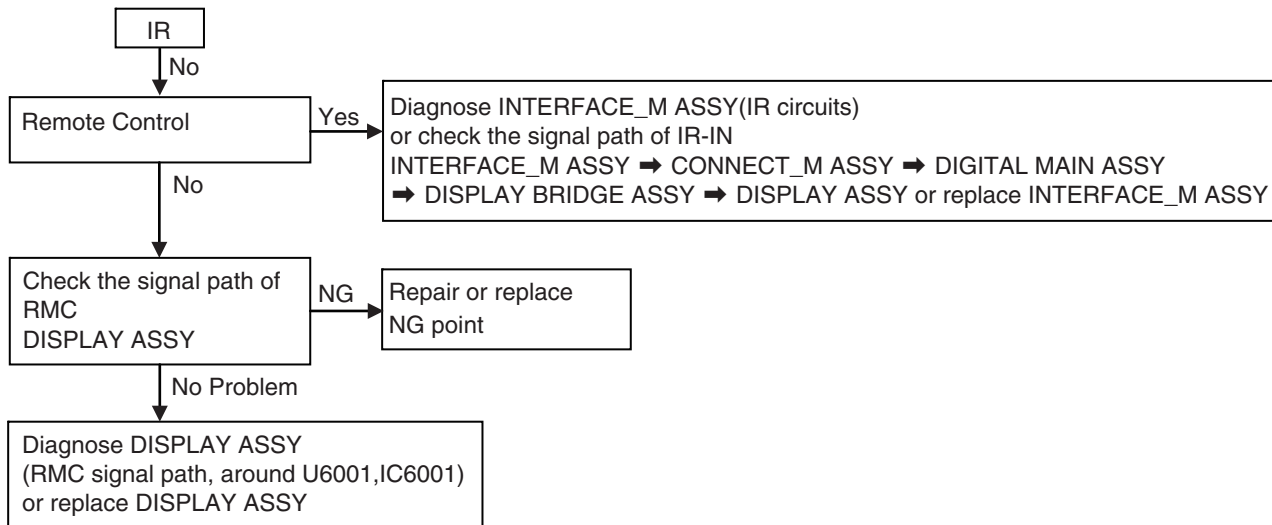
12V Trig



RS-232C



IR



5.2 CIRCUIT DESCRIPTION

[1] Protection Circuit Process List

Amplifier Circuit

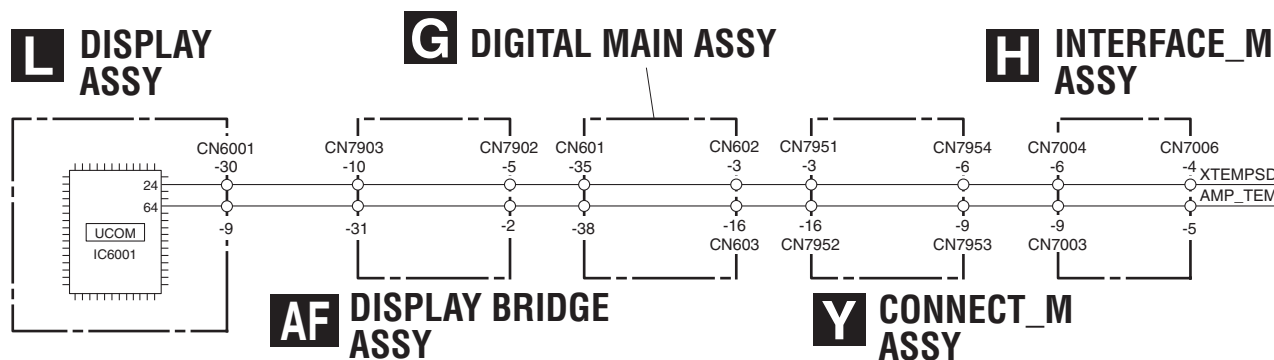
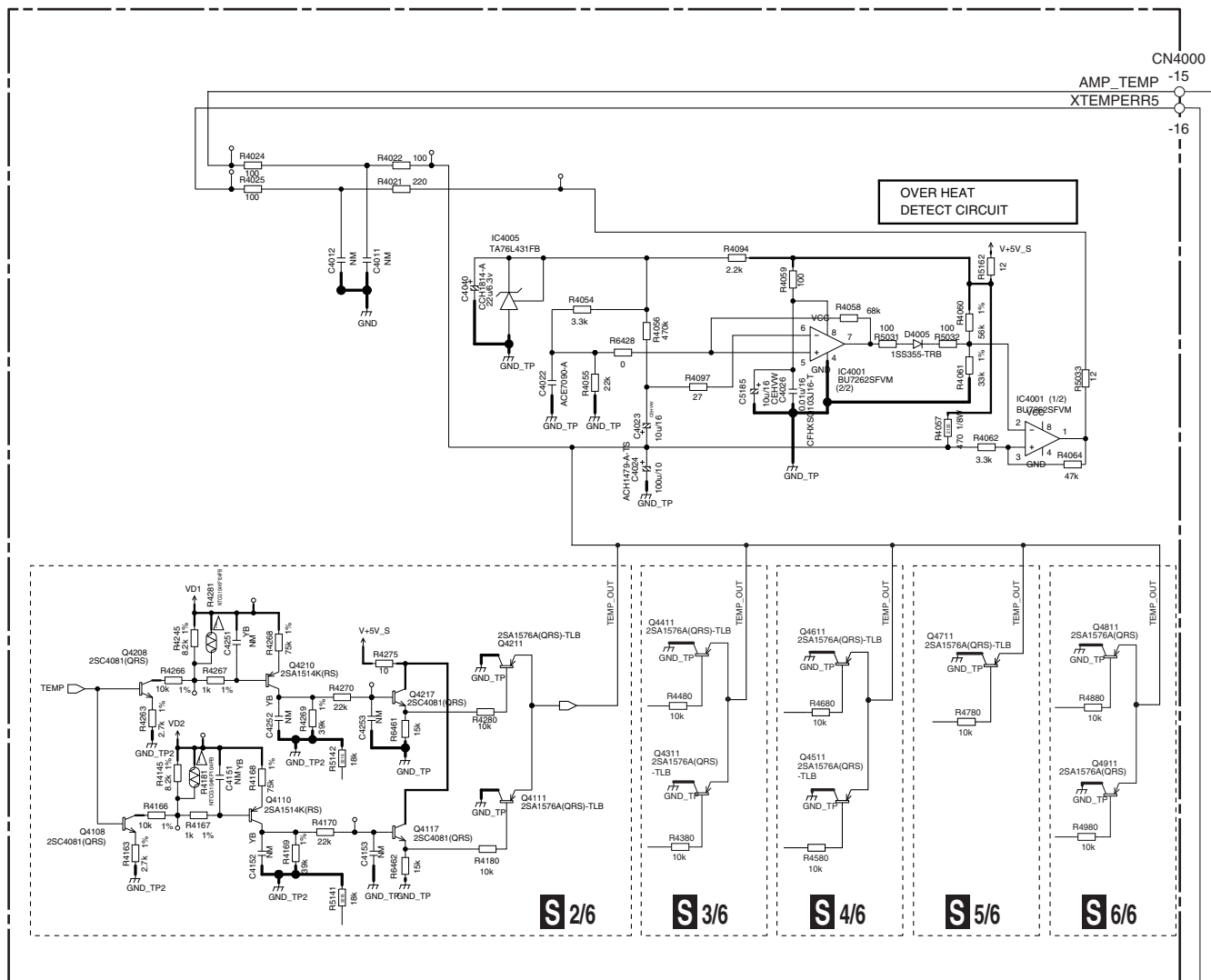
Item	Purpose	Detection Method	Status of Equipment	Warning Indication	Remarks
Overheat detection	Detects MOS FET temperature of amplifier output stage	Detects when TEMPERR5 port becomes "L" in case of the detecting temperature exceeds 120°C or rapid change by short circuit of speaker terminals. (IC6001 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.

Overheat Detection

S D AMP ASSY



A

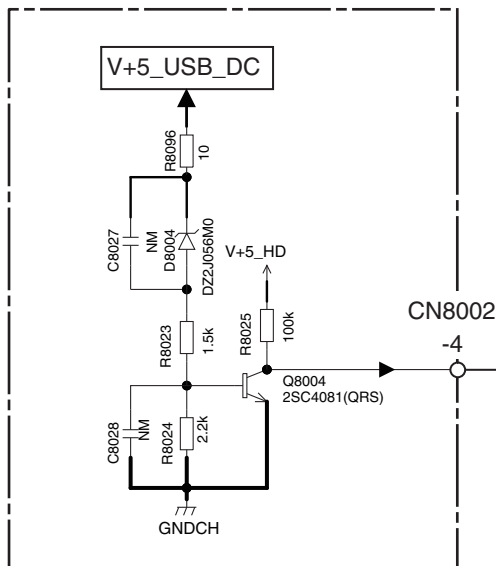


[2] Protection Circuit Process List (XVDDERR)

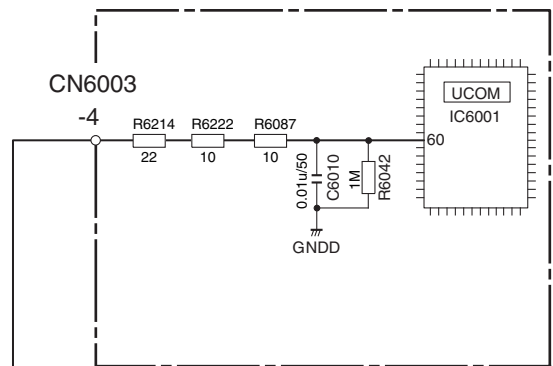
Item	Purpose	Detection Method	Status of Equipment	Warning Indication	Remarks
USB power failure detection	Detection of failure in regulator circuit for external supply	Detected when USB voltage reaches 7V or higher. XVDDERR port is set to "L" (IC6001 60pin)	Shuts down	Blinks Wireless LED	Restoration possible with Power ON

■ XVDDERR Circuit

C FRONT HDMI USB ASSY



L DISPLAY ASSY



[4] Error Indications

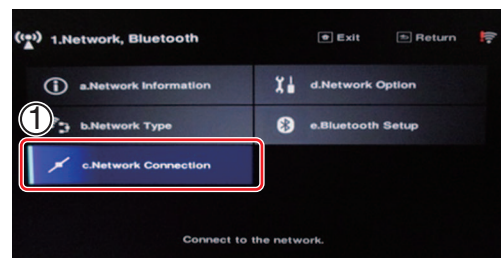
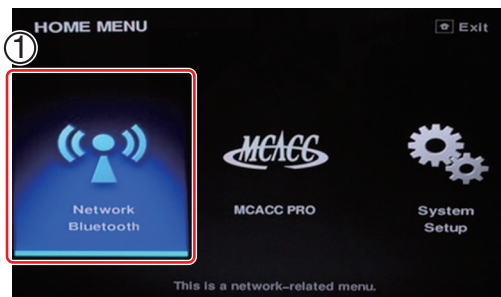
	FL Display	LED flashes	Status	Timing (sec.)	Description	Remarks
(1)	Over Current	NA	When the overload USB device (over 500 mA) is connected.		The connected USB device is overload.	
(2)	HDCP ERROR	NA	When an HDCP ERROR is detected.	Flashes 5 seconds		Warning indication for HDMI Simplay
(3)	12V TRG ERR	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

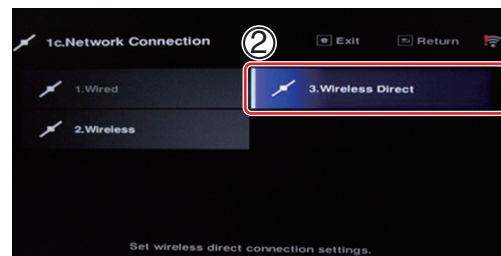
Check if the set SSID of this unit is displayed on a device such as a PC or a smart phone, following the procedures shown below.
If the SSID is displayed on the device, the antenna connections of the Network Module are normal.
If the SSID is not displayed, check the antenna cable connections on the Network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

Procedures:

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



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

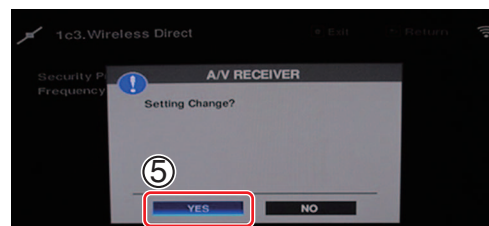


- ③ Select the encryption method to "None" with ← / → from Security Protocol.



- 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.



- 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

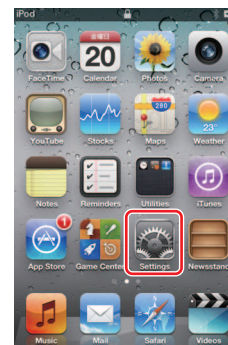
[Windows 7]

- 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

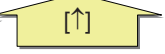
[Purpose]

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	

A

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	

B

Display CEC(TEST) state.

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

C

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	

D

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

E

F

A

Key operation	FL display
Display Wireless disconnection judgement time	WLAN DC ◀ 3 min ▶
⏮ ⏭	
Display Model Name/Destination state.	SC-99/CUXJ SC-97/CUXJ SC-LX89/SYXJ8 SC-LX79/SYXJ8
⏮ ⏭	
Change cyclically	

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.

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

C

D

E

F

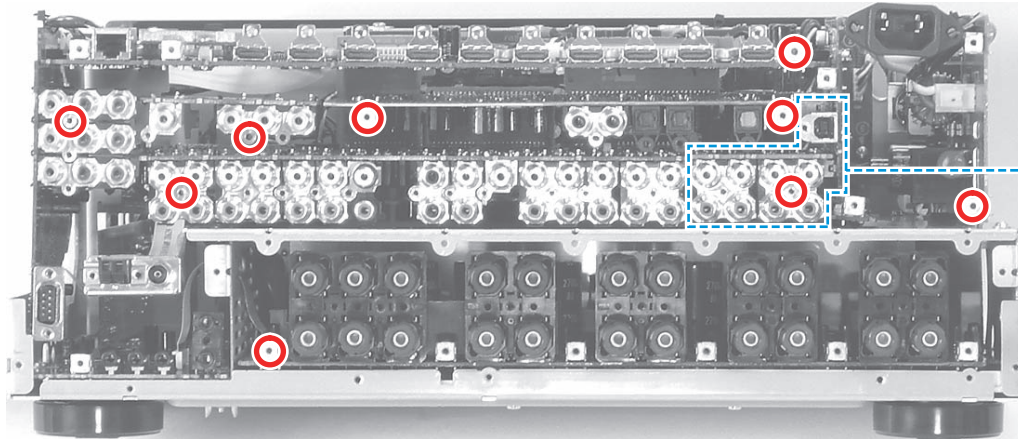
7. DISASSEMBLY

Ground Points

Note:

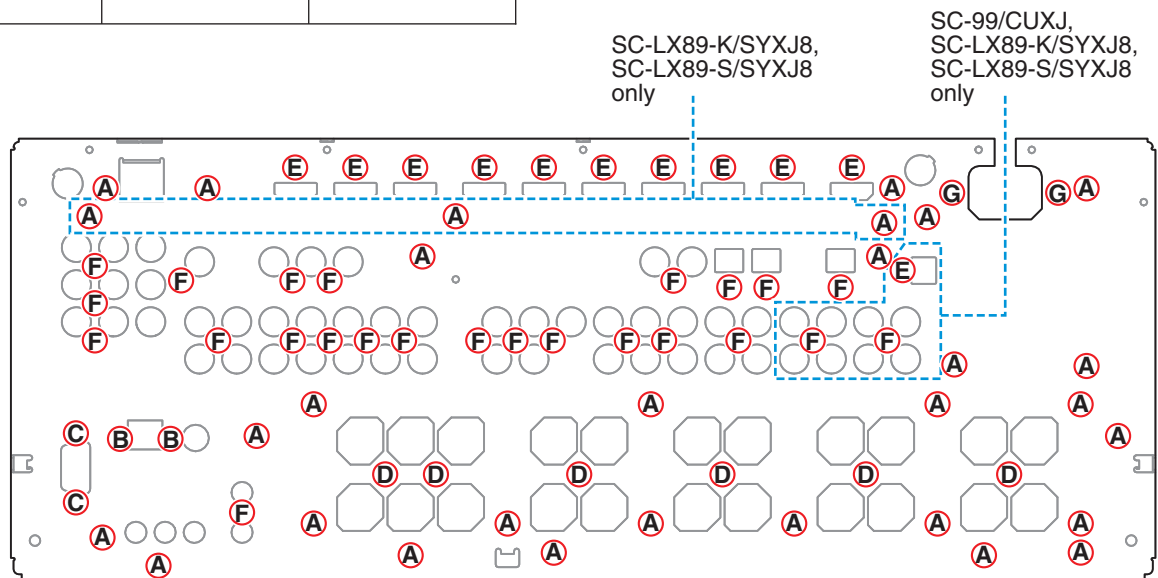
The points marked below must be grounded when the Rear Panel is removed.

Before turning the unit ON, be sure to ground the marked points with the Chassis /68. Or, you may short-circuit the ground points on the solder surface, using pieces of wire.



SC-99/CUXJ,
SC-LX89-K/SYXJ8,
SC-LX89-S/SYXJ8
only

Screws for Rear Panel



SC-LX89-K/SYXJ8,
SC-LX89-S/SYXJ8
only

SC-99/CUXJ,
SC-LX89-K/SYXJ8,
SC-LX89-S/SYXJ8
only

Note :

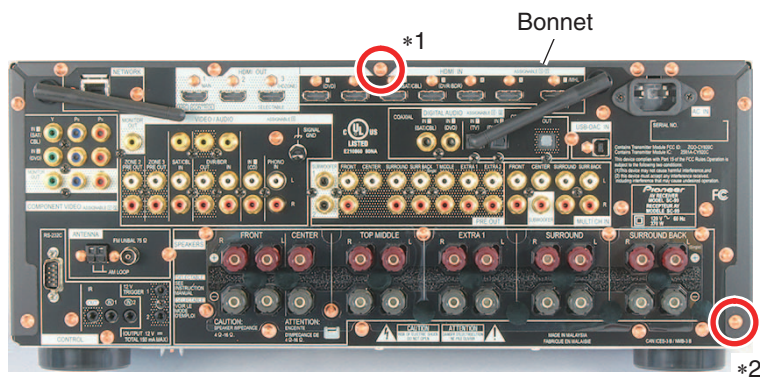
- (1) Even if the unit shown in the photos and illustrations in this manual may differ from your product, the procedures described here are common.
- (2) For performing the diagnosis shown below, the following jigs for service is required.
- 15P FFC extension jig cable (GGD1680)
 - 5P board to board extension jig cable (GGD1857)
 - 29P board to board extension jig cable (GGD1856)
 - 24P board to board extension jig cable (GGD1871) x 2
 - 5P PH Housing ASSY extension jig cable (GGD1594)
 - 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 by removing the 18 screws.

Notes on assembling as to the Bonnet

- *1: Tighten screw from the location *1 on the photo.
- *2: Be careful. Only one screw is different from others.
(IBP30P090FCC)

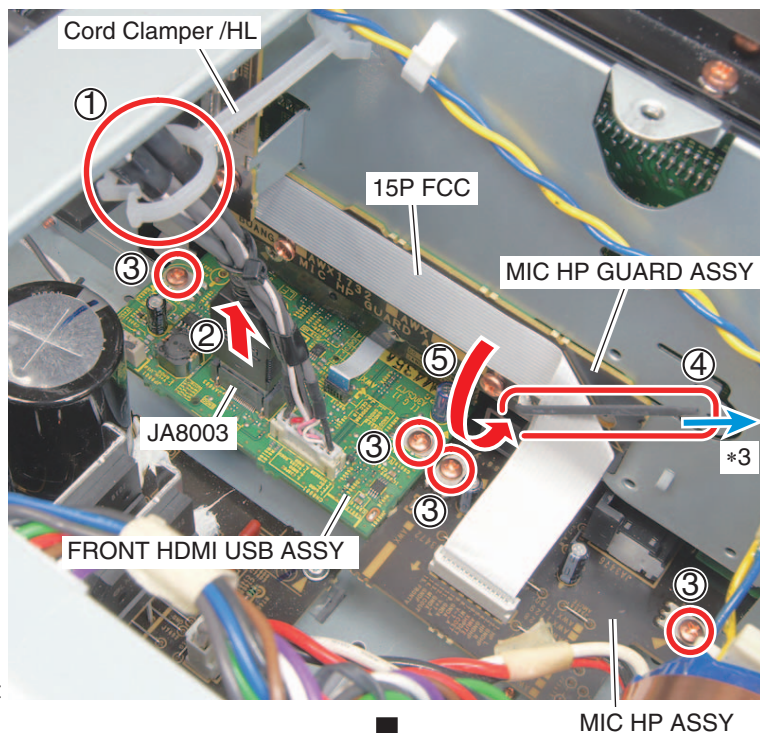
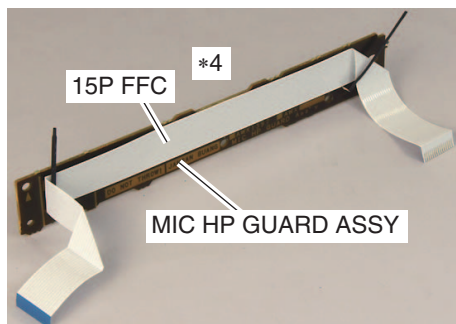
**[1-1] Front Section**

- (1) Release the cables from the Cord Clamper /HL.
- (2) Disconnect the connector.
- (3) Remove the four screws. (BBZ30P060FCC)
- (4) Release the 15P FFC (ADD7791) from the PCB binder.
- (5) Remove the 15P FFC (ADD7791) from the MIC HP GUARD ASSY and then move under the PCB binder.

Note: 15P FCC (ADD7791) is affixed with the Double Side Tape (10 x 110mm).

Notes on assembling

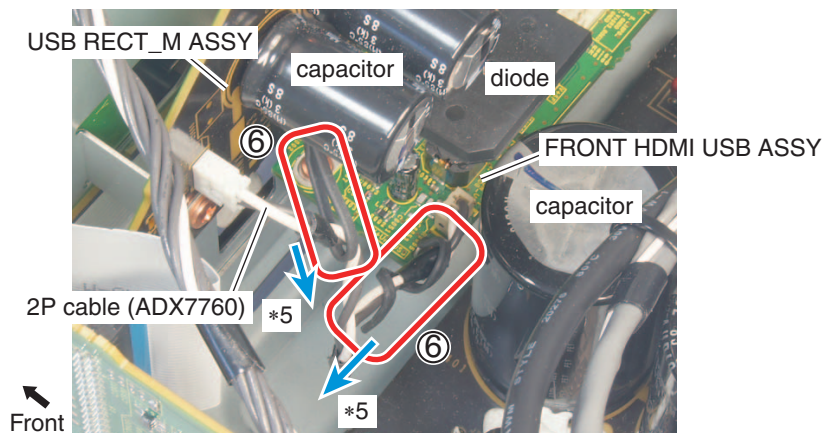
- *3: PCB binder tilt in the direction of the blue arrow.
- *4: How to bend the 15P FFC (ADD7791).



- (6) Release the 2P cable (ADX7760) from the two PCB binders.

Note on assembling

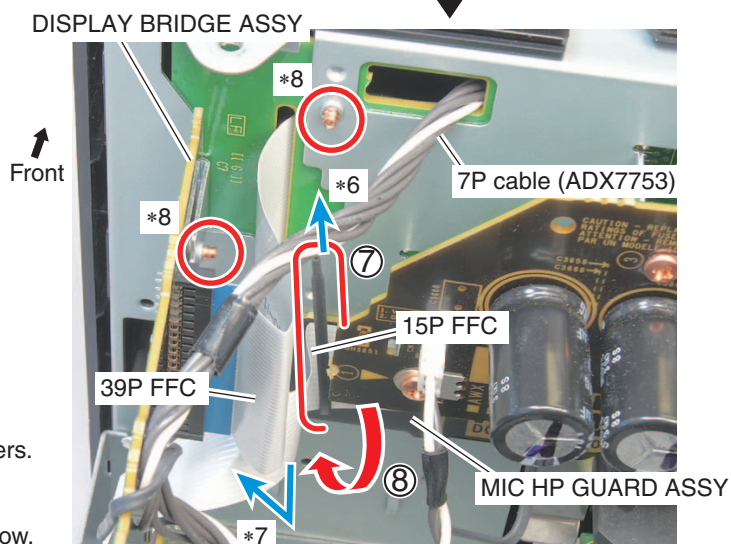
- *5: Twist the two PCB binders around the 2P cable (ADX7760) and tilt in the direction of the blue arrow, so that it doesn't touch the capacitors and diode.



- (7) Release the 15P FCC (ADD7791) from the PCB binder.
 (8) Remove the 15P FFC (ADD7791) from the MIC HP GUARD ASSY and then move under the PCB binder.

Notes on assembling

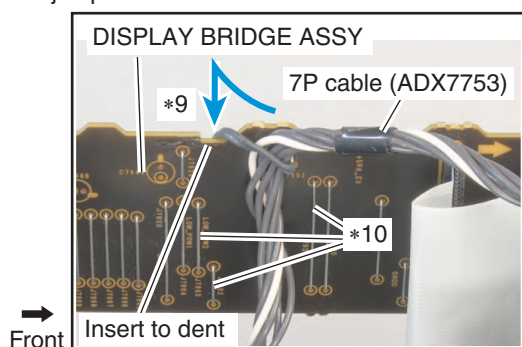
- *6: PCB binder tilt in the direction of the blue arrow.
 *7: Bend the 39P FCC. (ADD7796)
 *8: Don't touch the cables to a top of screws.



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

Notes on assembling

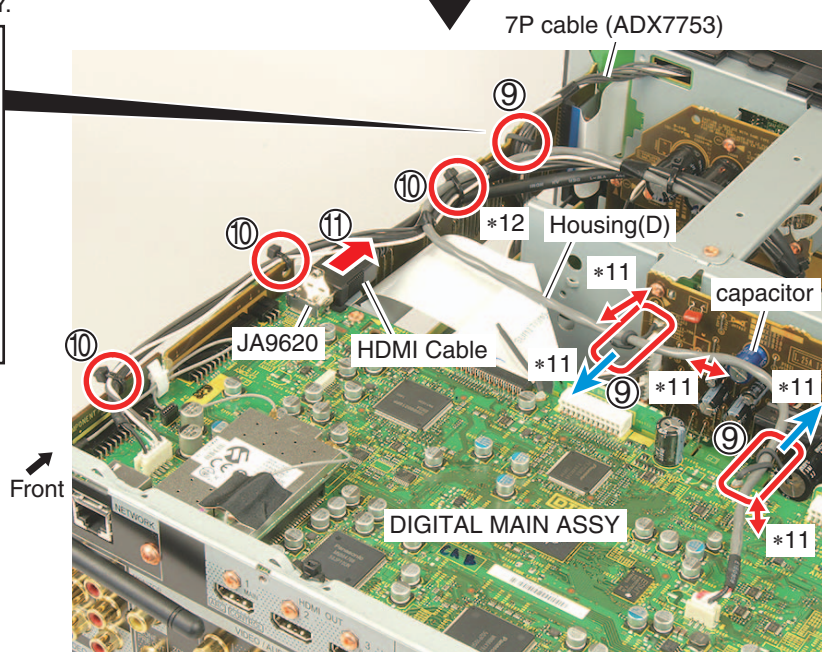
- *9: PCB binder tilt in the direction of the blue arrow.
 *10: Doesn't touch the 7P cable (ADX7753) to the jumper wires of the DISPLAY BRIDGE ASSY.



- (10) Cut the three Binders.
 (11) Remove the HDMI Cable (ADX7732) by disconnect the connector.

Notes on assembling

- *11: Twist the two PCB binders around the Housing(D) (ADX7821) and tilt in the direction of the blue arrow, so that it doesn't touch the DIGITAL MAIN ASSY, diode, capacitor, screw and the Bonnet.
 *12: HDMI Cabel (ADX7732) and Housing(D) (ADX7821) bind together inside.



(12) Remove the two screws.

SC-99/CUXJ : BBZ30P080FTB
 SC-97/CUXJ
 SC-LX89-K/SYXJ8
 SC-LX79-K/SYXJ8
 (SC-LX89-S/SYXJ8 : BBZ30P080FNI)
 SC-LX79-S/SYXJ8

(13) Remove the four screws. (ABA1193)

(14) Remove the three screws. (BBT30P080FCC)

(15) Unhook the two hooks.

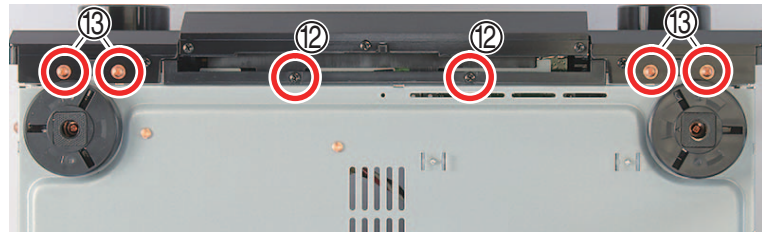
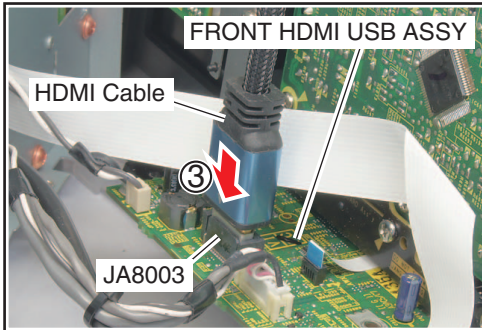
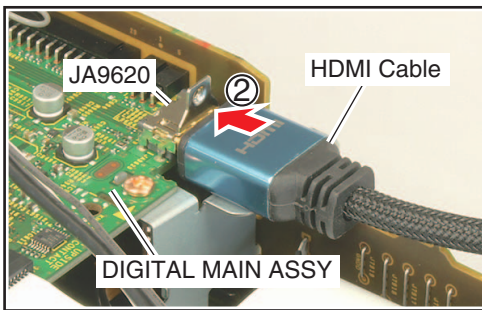
(16) Remove the Front Section.

[1-2] Diagnosis

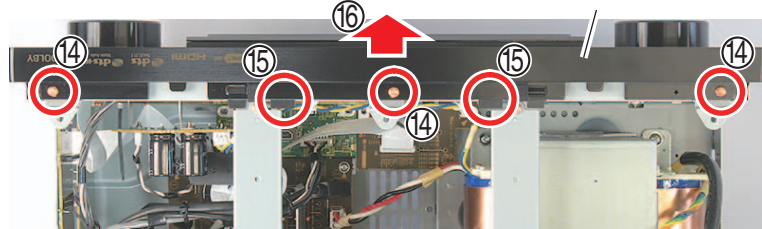
(1) Arrange the unit as shown in the photo.

(2) Connect the another normal HDMI Cable.

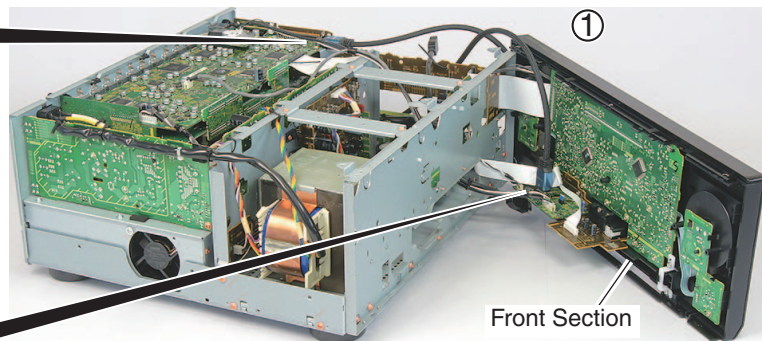
(3) Connect the another normal HDMI Cable from the DIGITAL MAIN ASSY.



• Bottom view



• Top view



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

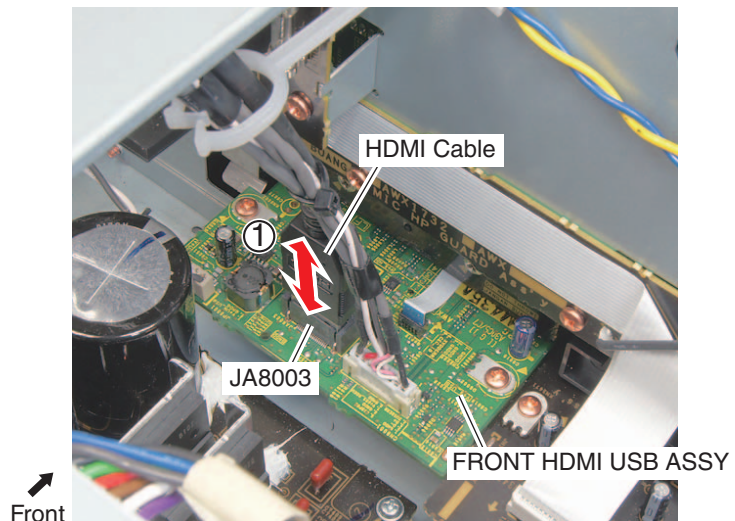
Remove the Bonnet by removing the 18 screws.

[2-1] Rear Section

(1) 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.



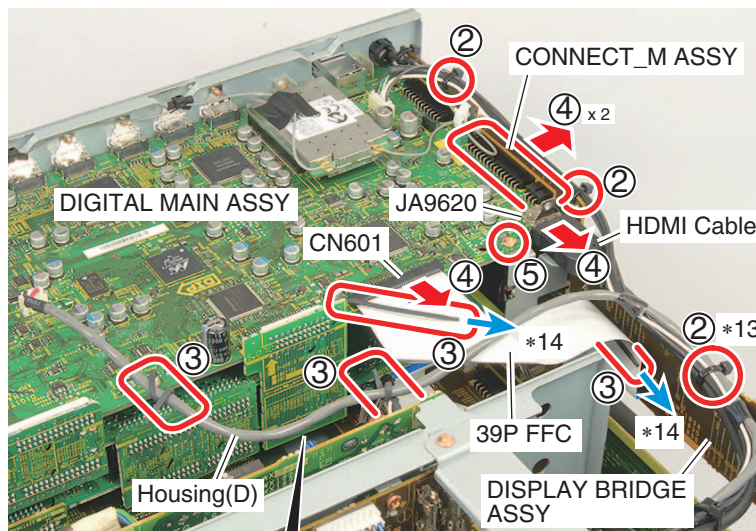
Front

- (2) Cut the three Binders.
- (3) Release the cables from the four PCB binders.
- (4) Disconnect the four connectors.
- (5) Remove the screw. (BBZ30P060FCC)

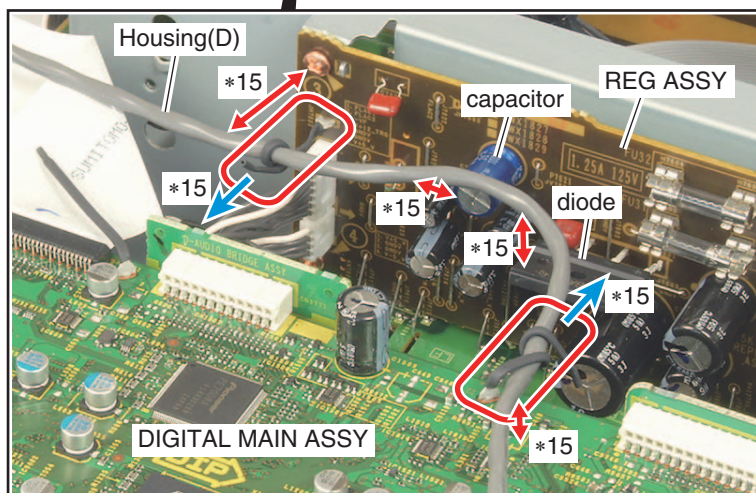
Notes on assembling

- *13: HDMI Cabel (ADX7732) and Housing(D) (ADX7821) bind together inside.
- *14: Two PCB binders tilt in the direction of the blue arrow.
- *15: Twist the two PCB binders around the Housing(D) (ADX7821) and tilt in the direction of the blue arrow, so that it doesn't touch the DIGITAL MAIN ASSY, diode, capacitor, screw and the Bonnet.

Front



Front

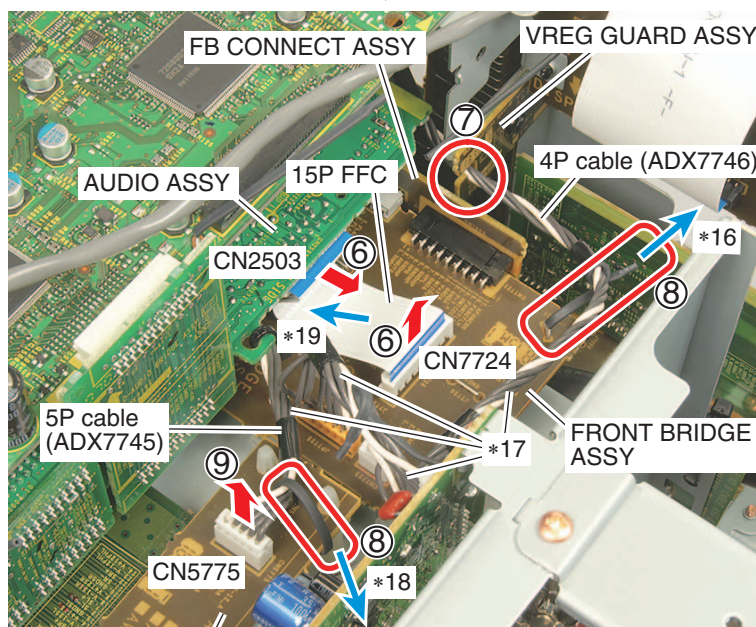


- (6) Remove the 15P FFC (ADD7725) by disconnect the two connectors.
- (7) Release the 4P cable (ADX7746: from COMPONENT ASSY) from hook of the VREG GUARD ASSY.
- (8) Release the cables from the two PCB binders.
- (9) Disconnect the connector.

Notes on assembling

- *16: Twist the PCB binder around the 4P cable (ADX7746) and tilt in the direction of the blue arrow, so that it doesn't touch the FB CONNECT ASSY and plate.
- *17: Don't touch the other cables.
- *18: PCB binder tilt in the direction of the blue arrow and pull the 5P cable (ADX7745: from AUDIO ASSY) to the opposite direction.
- *19: Push the 15P FFC (ADD7725) and bend it to the lower side.

Front

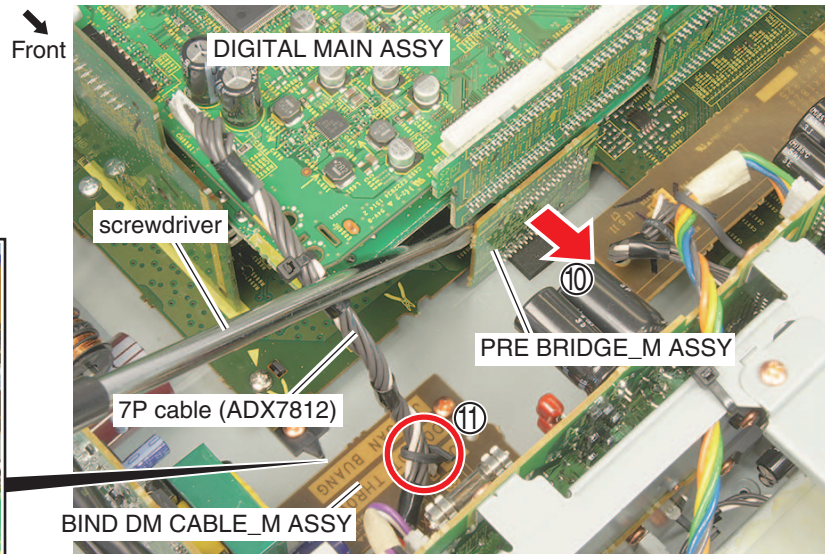
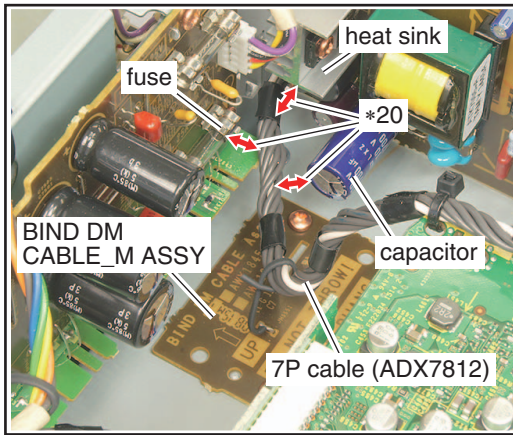


A REG BRIDGE ASSY

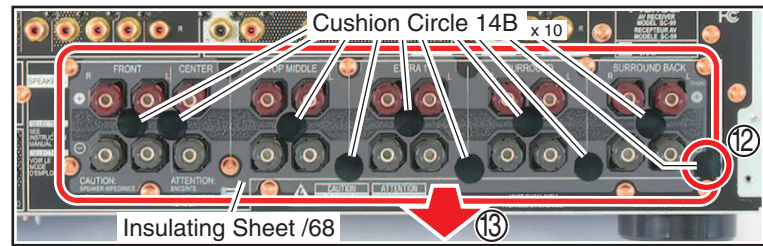
- (10) Remove the PRE BRIDGE_M ASSY.
 (11) Release the 7P cable (ADX7812: from PRIMARY ASSY) from the PCB binder.

Note on assembling

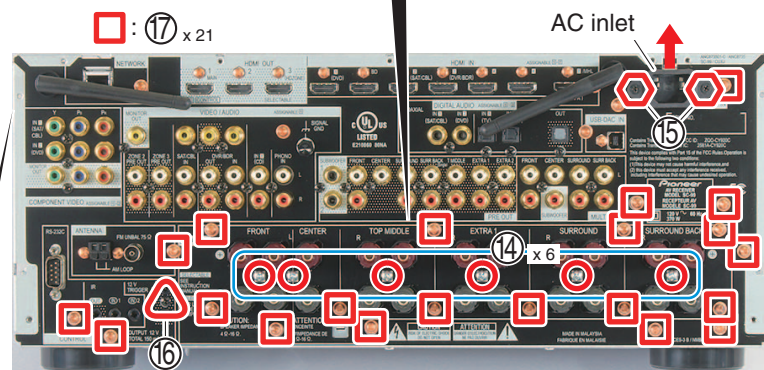
*20: Doesn't touch the cable to the capacitor, heat sink and fuse.



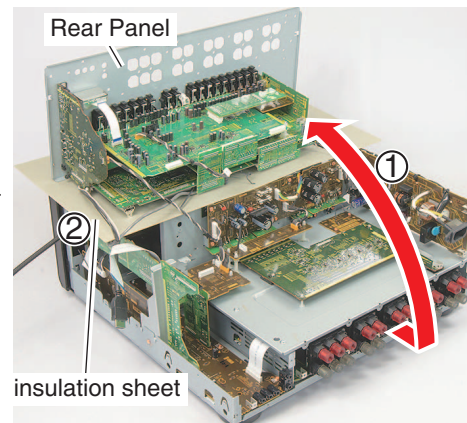
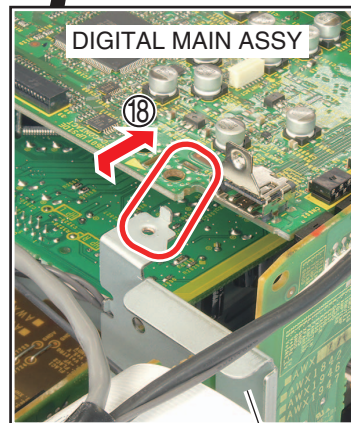
- (12) Remove the Cushion Circle 14B.
 (13) Remove the Insulating Sheet /68 (with the nine Cushion Circle 14Bs).



- (14) Remove the six screws. (BPZ30P100FTC)
 (15) Remove the AC inlet by removing the two screws. (CBZ30P080FTB)
 (16) Remove the screw. (BPZ30P080FTB)
 (17) Remove the 21 screws. (ABA1011)



- (18) Unhook the hook.

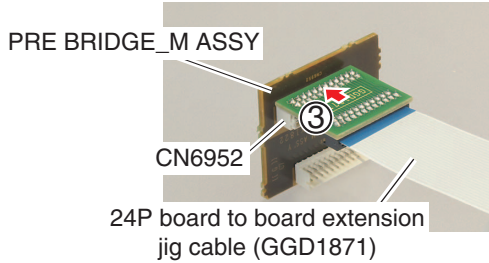


Right Angle 85 (MTL)

[2-2] Diagnosis

- (1) Arrange the unit as shown in the photo.
 (2) Insert the insulation sheet.

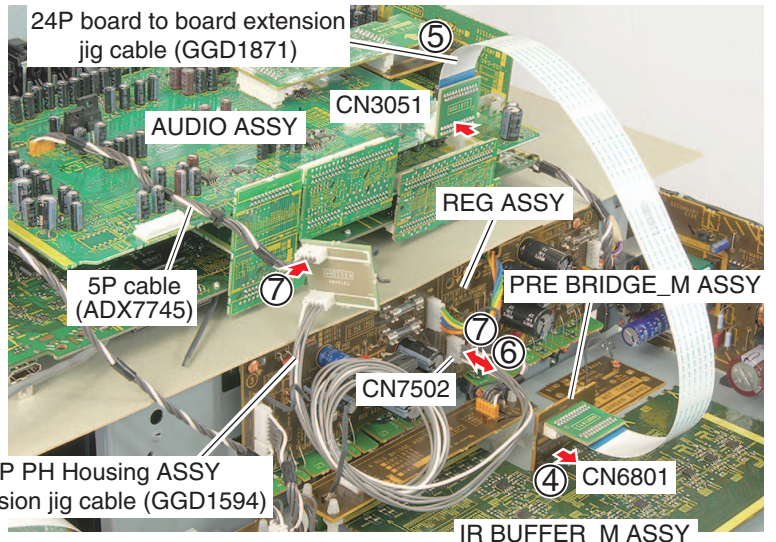
- (3) Connect the 24P board to board extension jig cable (GGD1871) to the PRE BRIDGE_M ASSY.



- (4) Attach the PRE BRIDGE_M ASSY to the IR BUFFER_M ASSY.
- (5) Connect the 24P board to board extension jig cable. (GGD1871) (PRE BRIDGE_M CN6952 <-> AUDIO CN3051)
- (6) Disconnect the connector.
- (7) Connect the 5P PH Housing ASSY extension jig cable. (GGD1594) (AUDIO ADX7745 <-> REG CN7502)

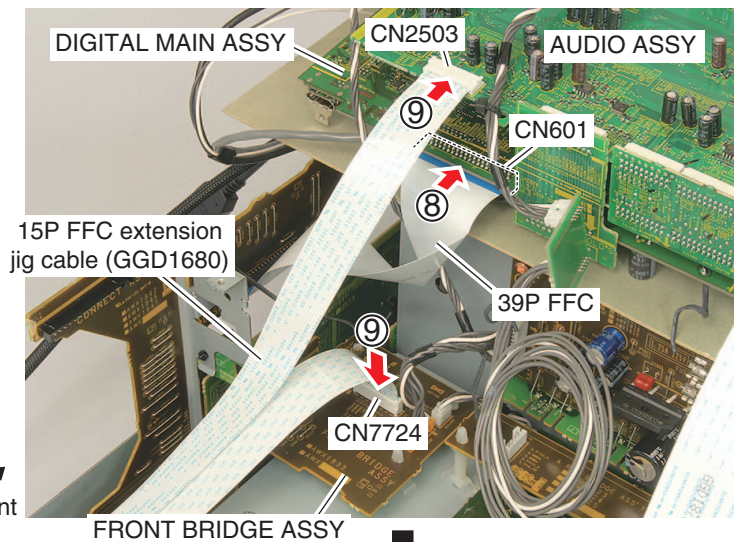
Front

5P PH Housing ASSY extension jig cable (GGD1594)



- (8) Connect the connector.
- (9) Connect the 15P FFC extension jig cable. (GGD1680) (AUDIO CN2503 <-> FRONT BRIDGE CN7724)

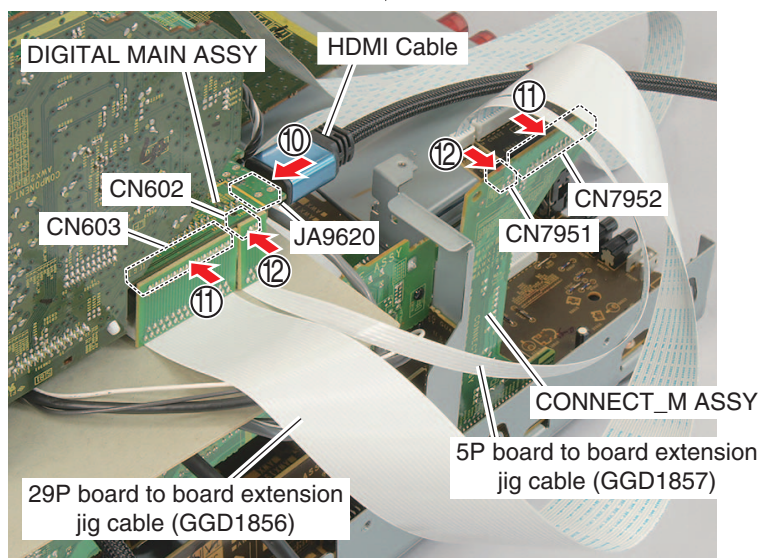
Front



- (10) 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.

Front



- (11) Connect the 29P board to board extension jig cable. (GGD1856) (DIGITAL MAIN CN603 <-> CONNECT_M CN7952)
- (12) Connect the 5P board to board extension jig cable. (GGD1857) (DIGITAL MAIN CN602 <-> CONNECT_M CN7951)

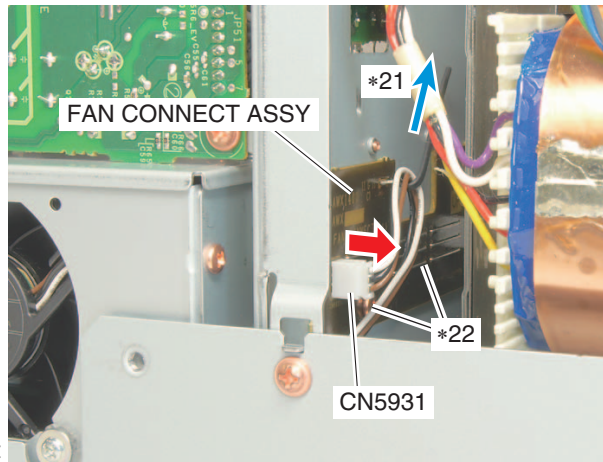
Note: When diagnosing, it is not necessary to connect Fan Cable (FAN CONNECT ASSY: CN5931).

Notes on assembling

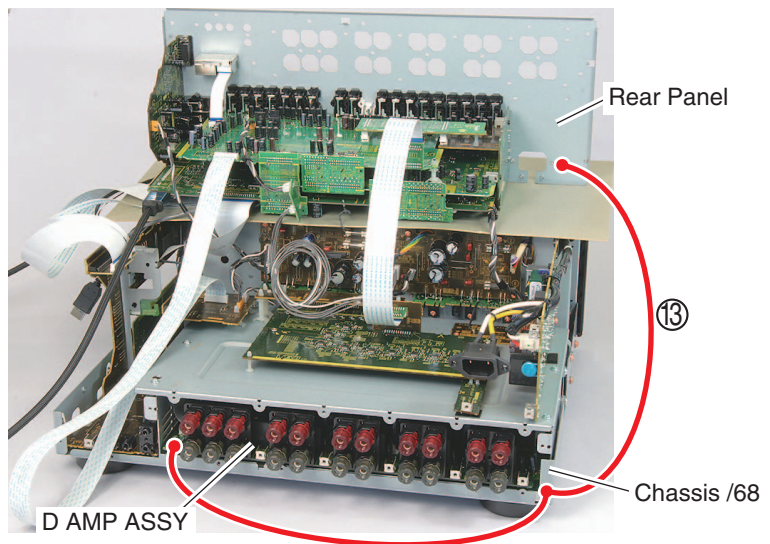
*21: PCB binder tilt in the direction of the blue arrow.

*22: This cable doesn't touch the jumper wires and screw.

Front



(13) Connect the Rear Panel to the Chassis /68 Ground and GND point of the D AMP ASSY. (Refer to the “**Ground Points**” for the GND point of the D AMP ASSY.)



[3] D AMP ASSY

Remove the Rear Section.

(Refer to the “[2] Rear Section”)

Remove the 24P board to board extension jig cable (GGD1871) and the PRE BRIDGE_M ASSY.

(Refer to the step (5) and (4) of “[2-2] Diagnosis”.)

[3-1] Remove the IR Cover 85 (MTL)

(1) Cut the Binder.

(2) Remove the Acetate Tape.

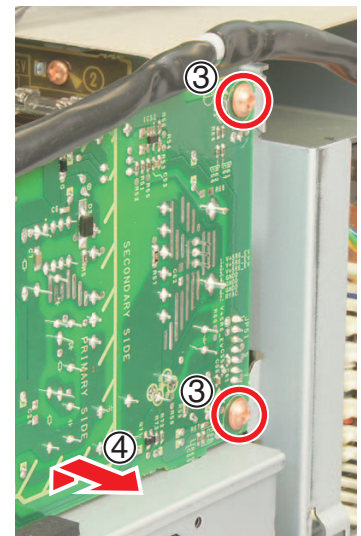
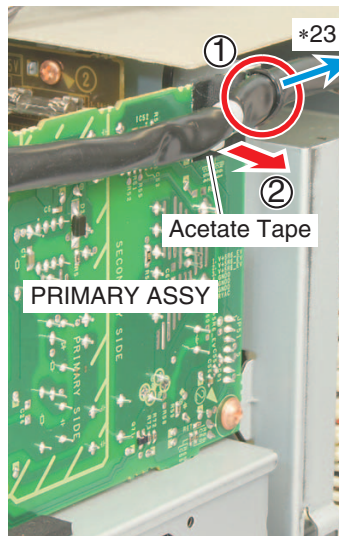
(3) Remove the two screws. (ABA1011)

(4) Remove the PRIMARY ASSY.

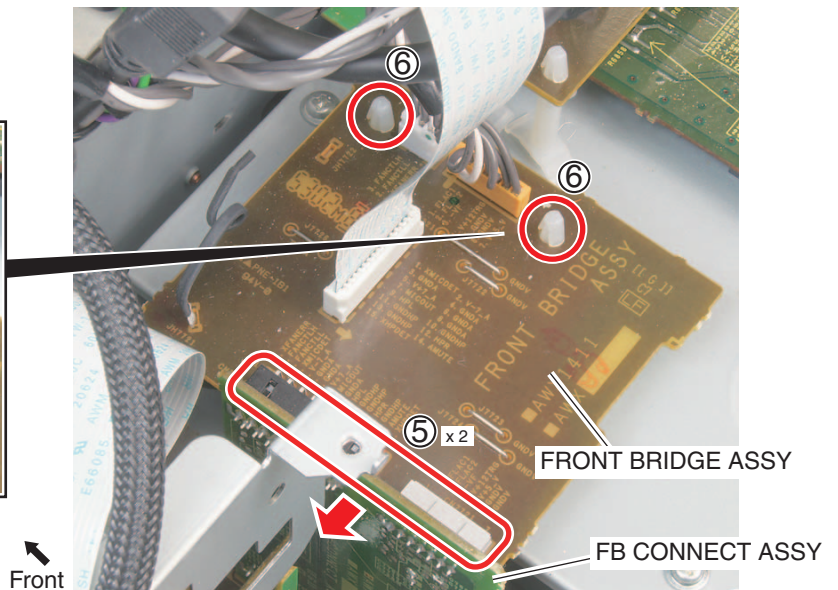
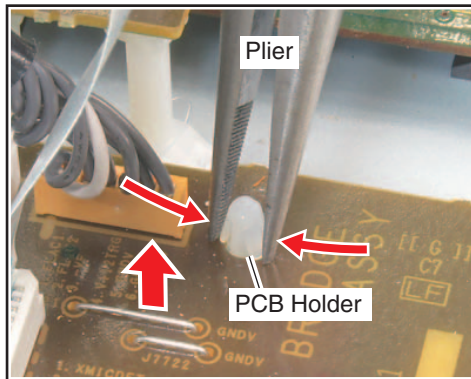
Note on assembling

*23: After cable is bounded, pull the extra length to the direction of the blue arrow.

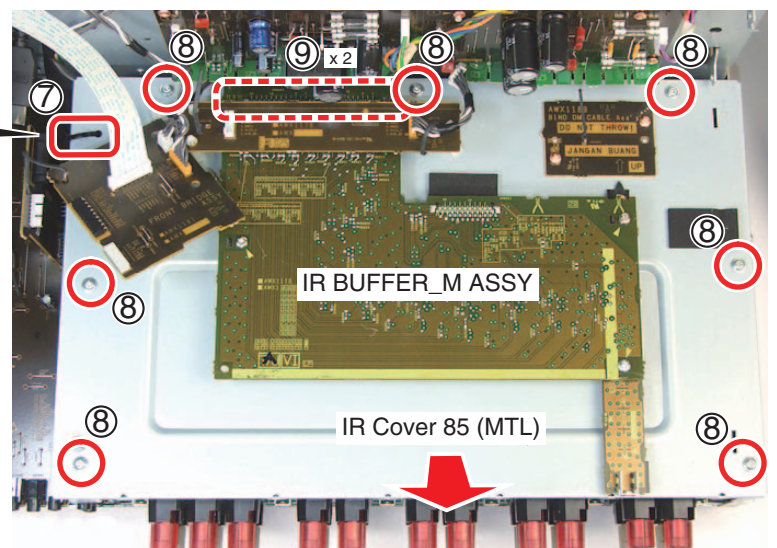
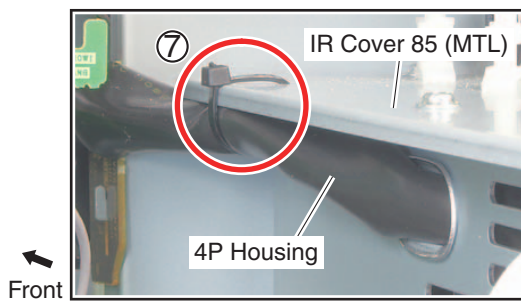
Front



- (5) Disconnect the two connectors.
- (6) Remove the FRONT BRIDGE ASSY from the two PCB Holders, using the Plier.



- (7) Cut the Binder.

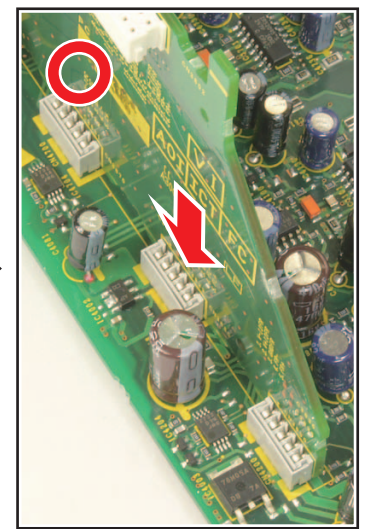


- (8) Remove the seven screws. (AMZ30P060FTC)
- (9) Disconnect the two connectors and then remove the IR Cover 85 (MTL) (with other ASSY).

Note on assembling :

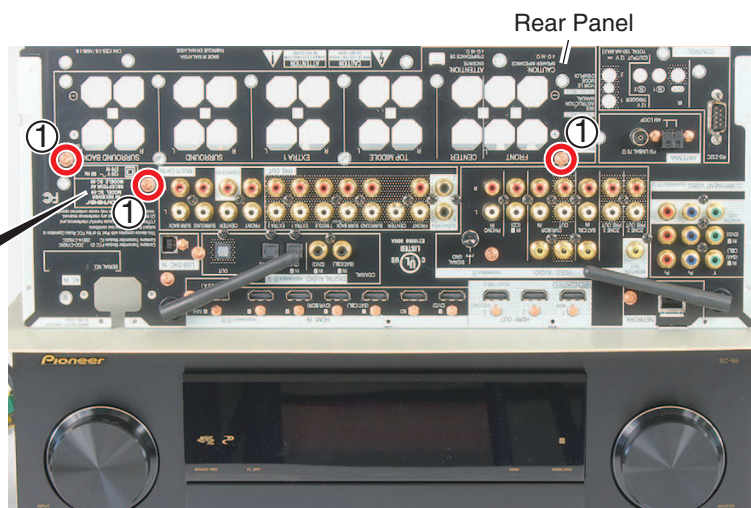
To attach the IR Cover 85 (MTL) in the correct position, refer to the "[2] Attach the IR Cover 85 (MTL)" of "Assembling of Digital Amplifier Block".

Note: If IR BUFFER_M ASSY is removed, connectors of IR INTERFACE_M ASSY may be loosened. Attach the connectors securely.

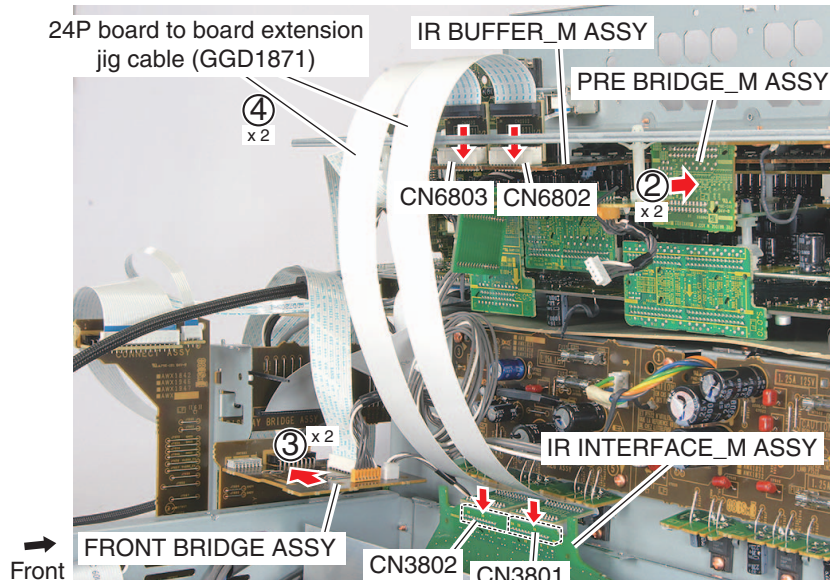


[3-2] Diagnosis

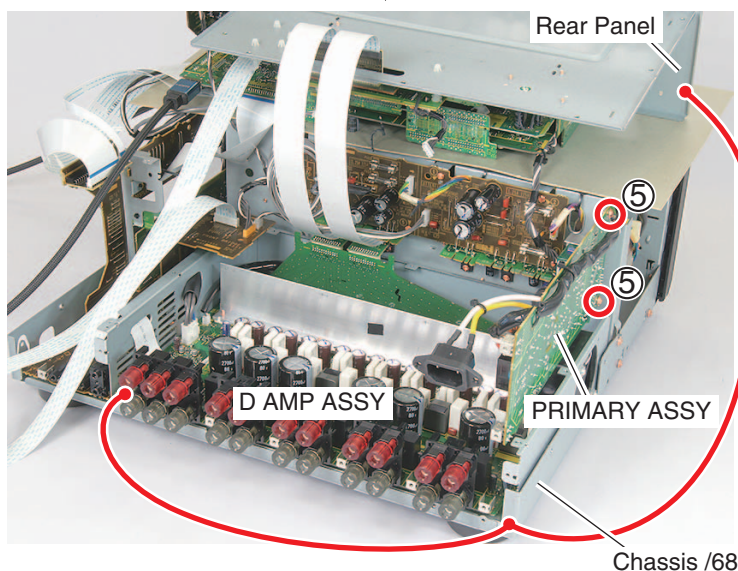
- (1) Temporarily attach the IR Cover 85 (MTL) to the Rear Panel, using the three screws. (ABA1011)



- (2) Connect the two connectors and then attach the PRE BRIDGE_M ASSY.
- (3) Connect the two connectors and then attach the FRONT BRIDGE ASSY.
- (4) Connect the two 24P board to board extension jig cables. (GGD1871)
- (IR INTERFACE_M CN3801 <-> IR BUFFER_M CN6802)
- (IR INTERFACE_M CN3802 <-> IR BUFFER_M CN6803)

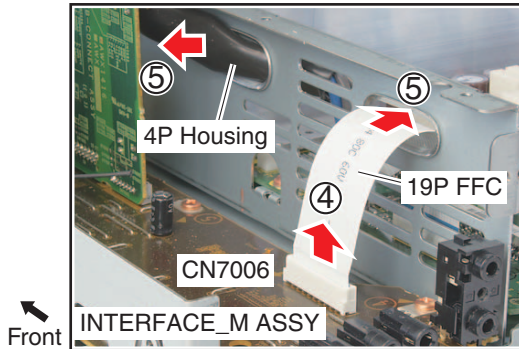


- (5) Attach the PRIMARY ASSY, using the two screws. (ABA1011)



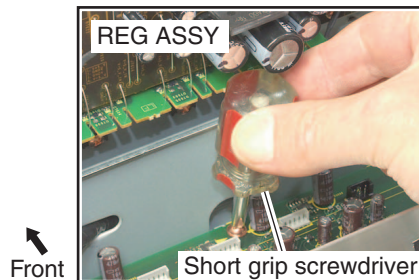
[3-3] Remove the D AMP ASSY

- (1) Disconnect the two 24P board to board extension jig cables (GGD1871) and remove the PRIMARY ASSY and the FRONT BRIDGE ASSY.
(Refer to the step (5) to (3) of "[3-2] Diagnosis")
- (2) Remove the GND cable.
(Refer to the step (13) of "[2-2] Diagnosis")
- (3) Remove the IR INTERFACE_M ASSY.
- (4) Disconnect the five connectors.
- (5) Pull out the two cables from the two holes.

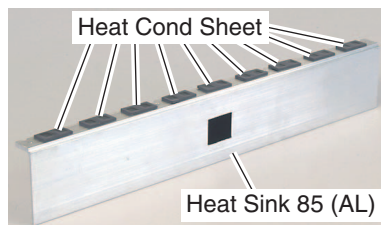


- (6) Remove the six screws. (ABA1011)
- (7) Remove the eight screws. (IBZ30P150FCC)
- (8) Remove the D AMP ASSY.

Note: The screw at position *27 cannot be unscrewed using a usual screwdriver because it touch a capacitor in the REG ASSY. Unscrew and secure it using a screwdriver with a short grip.

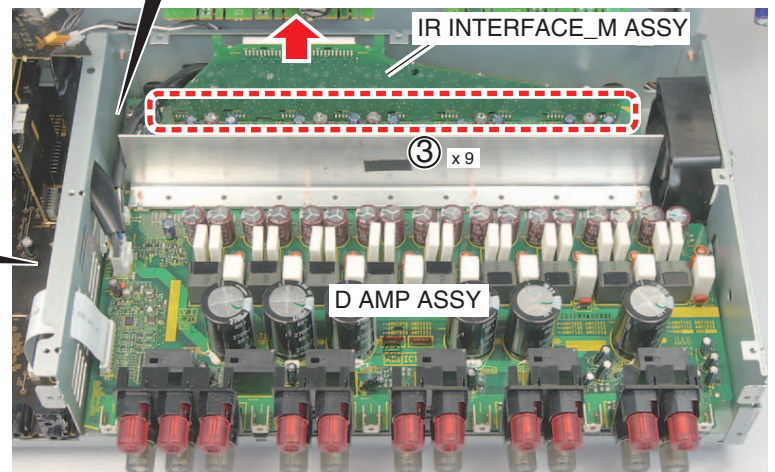
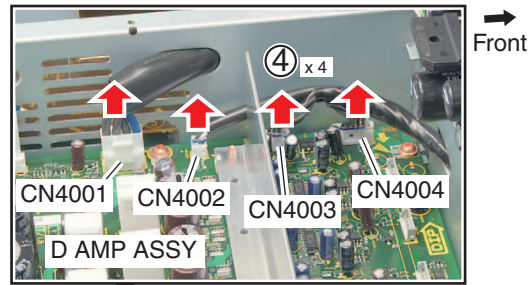


- (9) Remove the four screws. (ABA1052)
- (10) Remove the Heat Sink 85 (AL) and the nine Heat Cond Sheets with side-A of the D AMP ASSY facing upward.

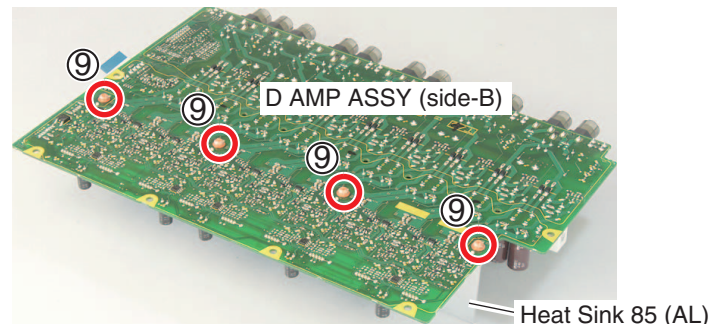
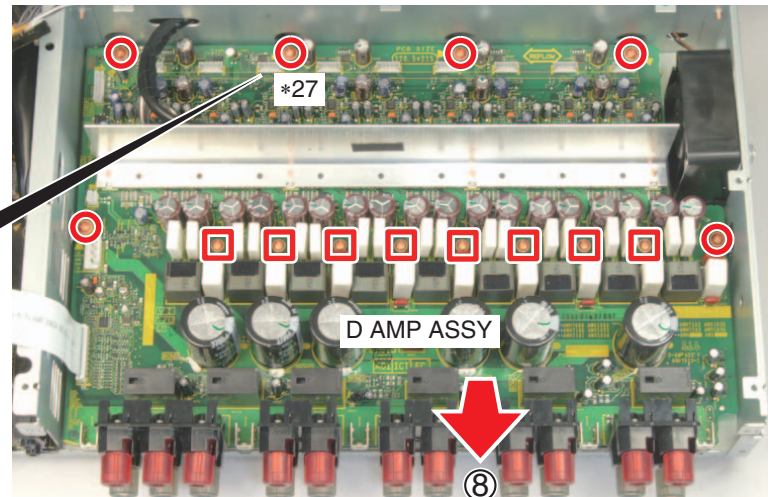


Note on assembling

*24: When you exchange the Heat Cond Sheets, attach the new Heat Cond Sheets into the yellow marks of the D AMP ASSY.



○: ⑥ x 6 □: ⑦ x 8



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

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

Note on assembling :

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

[4] DIGITAL MAIN ASSY and DAC HIGH ASSY

Remove the Bonnet by removing the 18 screws.

[4-1] DIGITAL MAIN ASSY

(1) 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.

(2) Cut the three Binders.

(3) Release the cables from the four PCB binders.

(4) Disconnect the four connectors.

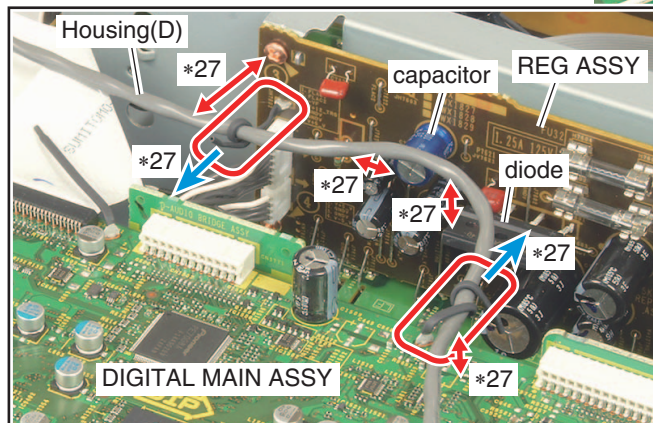
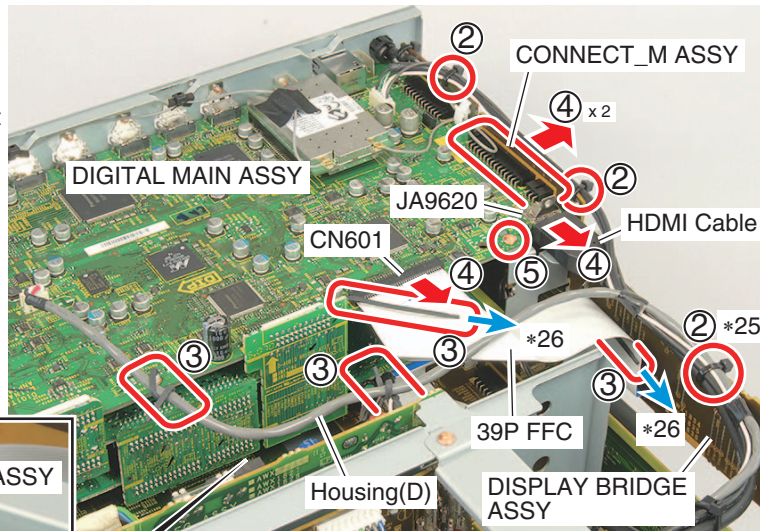
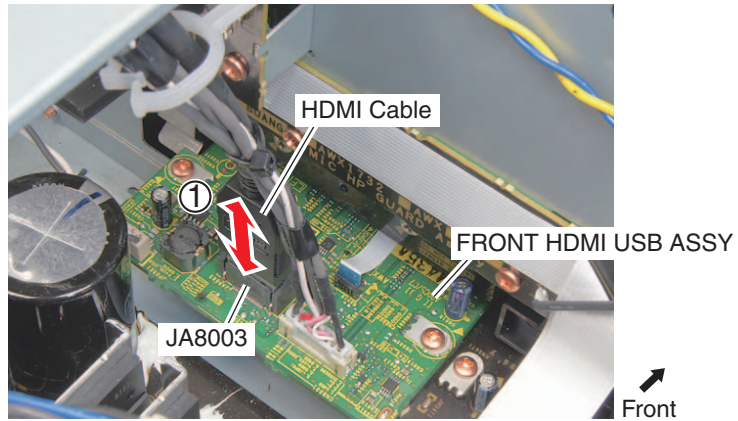
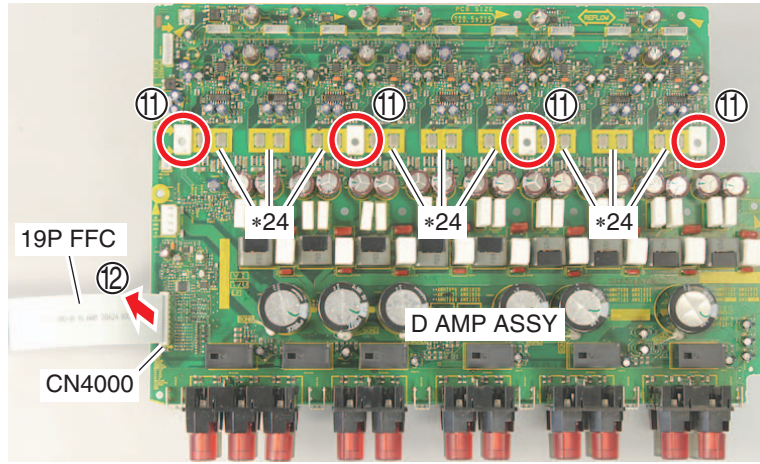
(5) Remove the screw. (BBZ30P060FCC)

Notes on assembling

*25: HDMI Cabel (ADX7732) and Housing(D) (ADX7821) bind together inside.

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

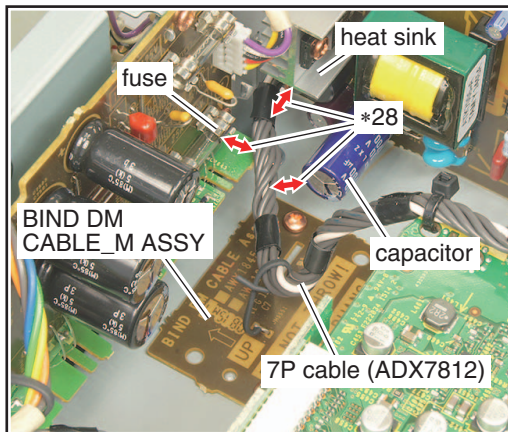
*27: Twist the two PCB binders around the Housing(D) (ADX7821) and tilt in the direction of the blue arrow, so that it doesn't touch the DIGITAL MAIN ASSY, diode, capacitor, screw and the Bonnet.



- (6) Release the 7P cable (ADX7812: from PRIMARY ASSY) from the PCB binder.

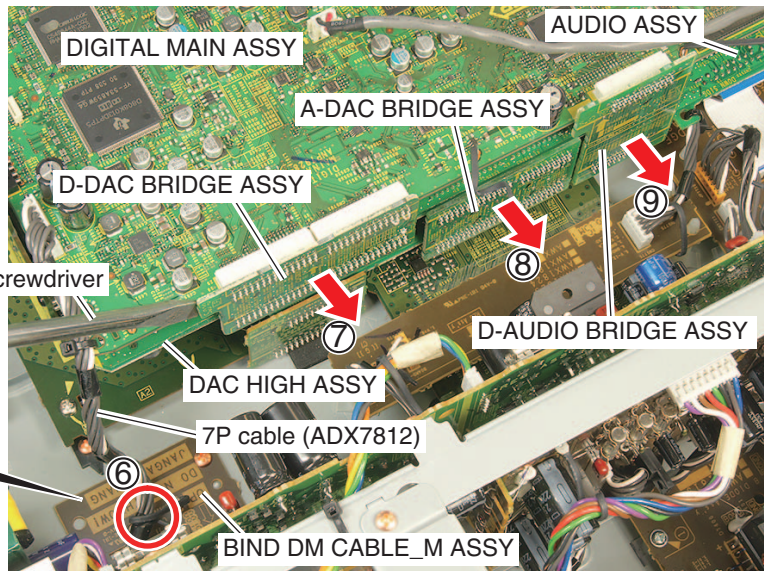
Note on assembling

*28: Doesn't touch the cable to the capacitor, heat sink and fuse.



Front

Front



- (7) Remove the D-DAC BRIDGE ASSY.
 (8) Remove the A-DAC BRIDGE ASSY.
 (9) Remove the D-AUDIO BRIDGE ASSY.

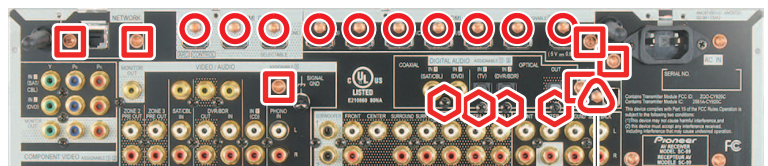
SC-LX89-K/SYXJ8,
 SC-LX89-S/SYXJ8 only

- (10) Remove the three screws. (ABA1011)



- (11) Remove the ten screws. (BMZ30P040FCC)
 (12) Remove the four screws. (BPZ30P080FTB)
 (13) Remove the six screws. (ABA1011)

○: ⑪ x 10 ⬡: ⑫ x 4 □: ⑬ x 6

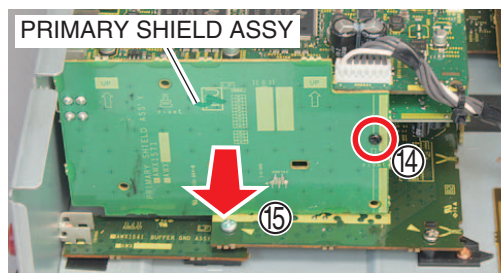


SC-99/CUXJ,
 SC-LX89-K/SYXJ8,
 SC-LX89-S/SYXJ8 only

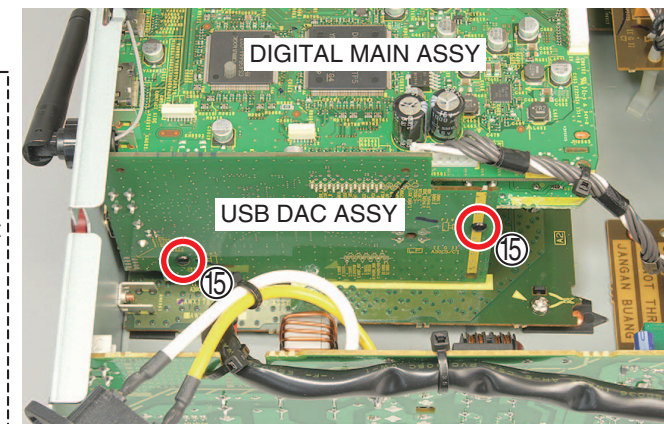
- (14) Remove the screw. (BMZ30P040FCC)
 (15) Remove the two Push Rivets. (AEC7071)

SC-97/CUXJ,
 SC-LX79-K/SYXJ8,
 SC-LX79-S/SYXJ8 only

- (14) Remove the Push Rivet.
 (15) Remove the PRIMARY SHIELD ASSY.



Front

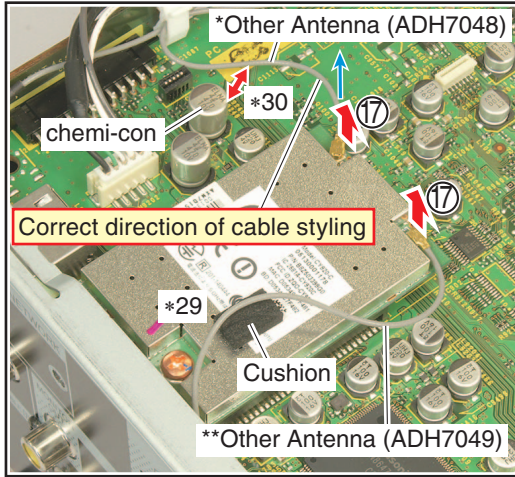


(16) Remove the Acetate Tape.

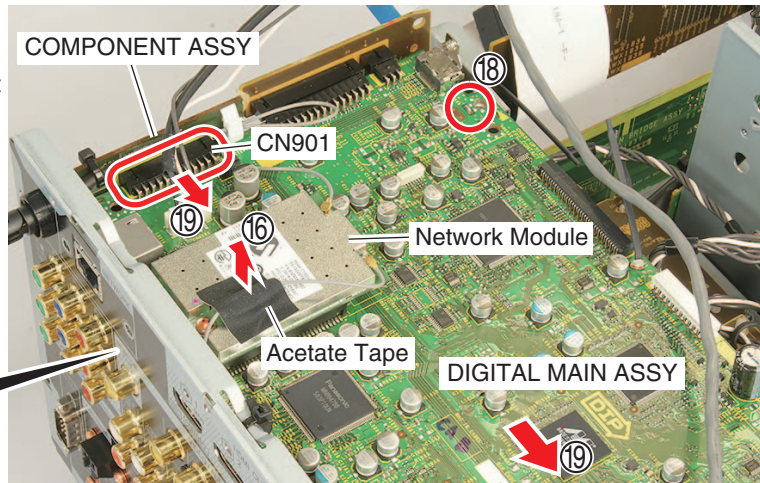
(17) Disconnect the two connectors.

(18) Unhook the hook.

(19) Disconnect the connector and then remove the DIGITAL MAIN ASSY.



Front



Notes on assembling

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

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

* Except SC-99/CUXJ, SC-97/CUXJ: ANT CONN-Cable (ADH7046)

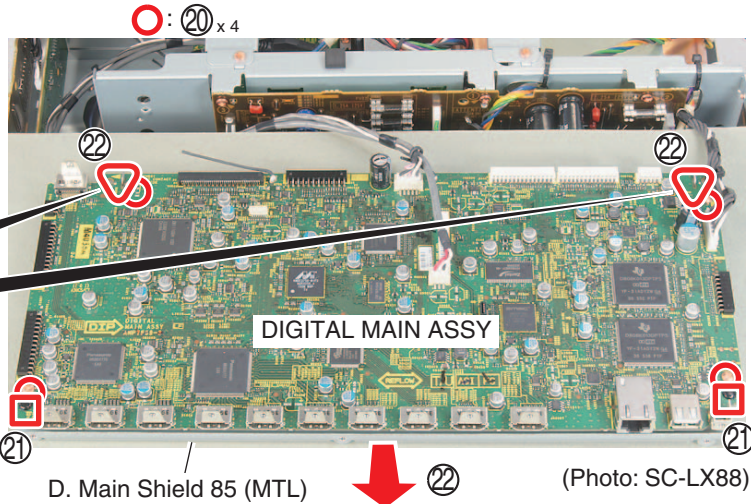
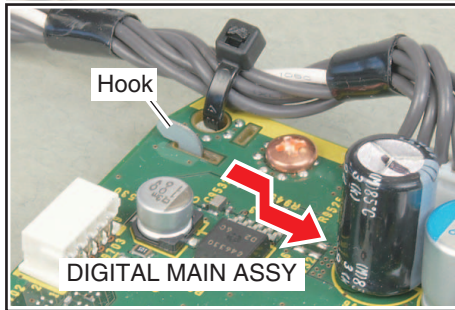
** Except SC-99/CUXJ, SC-97/CUXJ: ANT CONN-Cable (ADH7051)

SC-LX89-K/SYXJ8,
SC-LX89-S/SYXJ8 only

(20) Remove the four screws. (BBZ30P060FCC)

(21) Remove the two Nylon Rivets. (AEC7406)

(22) Remove the two Hooks and then remove the D. Main Shield 85 (MTL).

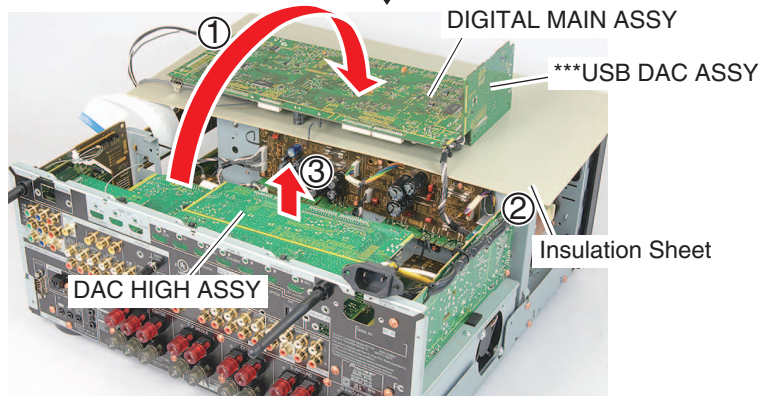


[4-2] Diagnosis

(1) Arrange the DIGITAL MAIN ASSY (***) with the USB DAC ASSY as shown in the photo.

(2) Insert the Insulation Sheet.

(3) Remove the DAC HIGH ASSY.

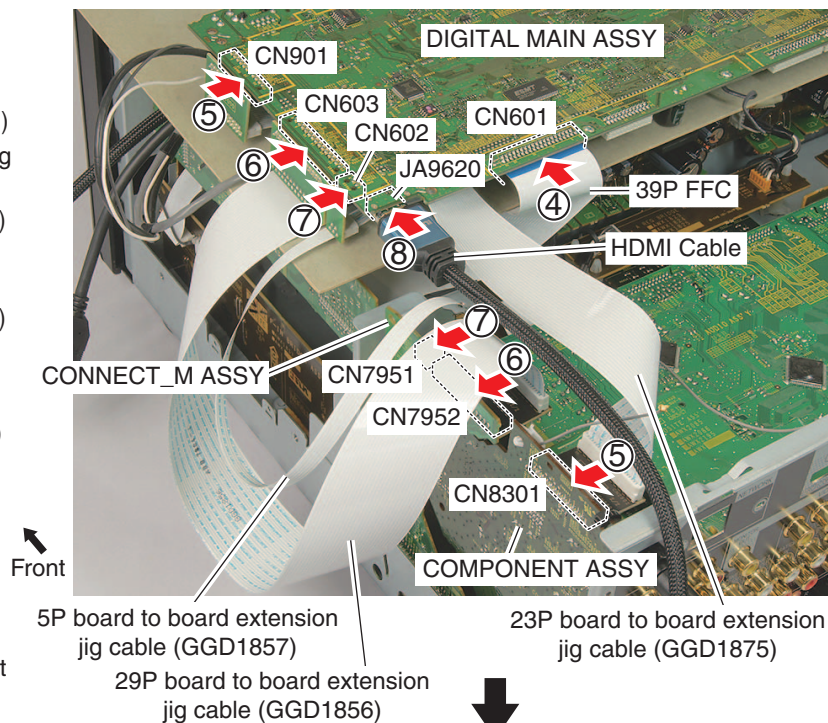


***SC-99/CUXJ, SC-LX89-K/SYXJ8, SC-LX89-S/SYXJ8 only

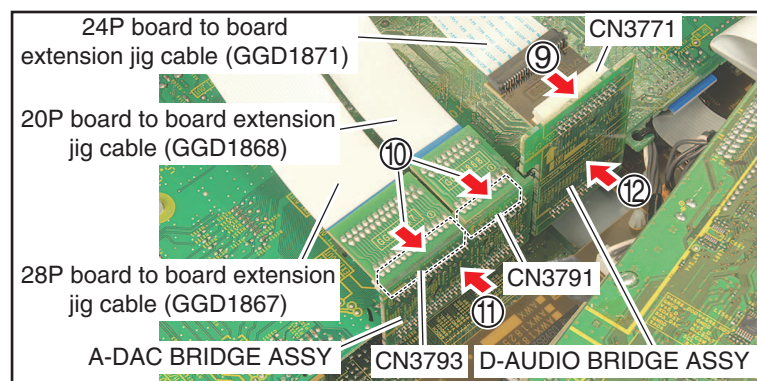
- (4) Connect the connector.
- (5) Connect the 23P board to board extension jig cable. (GGD1875)
(DIGITAL MAIN CN901 <-> COMPONENT CN8301)
- (6) Connect the 29P board to board extension jig cable. (GGD1856)
(DIGITAL MAIN CN603 <-> CONNECT_M CN7952)
- (7) Connect the 5P board to board extension jig cable.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



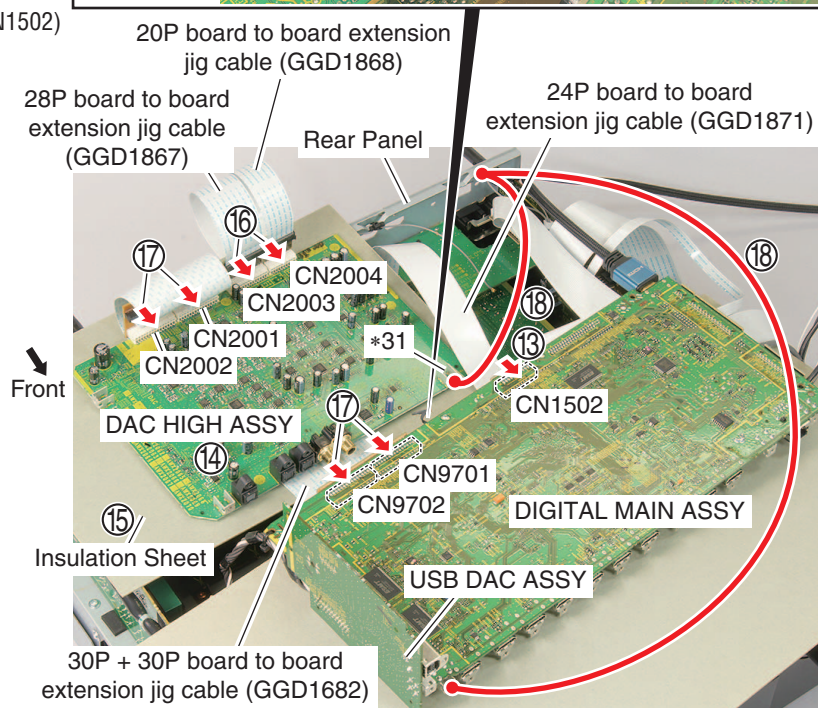
- (9) Connect the 24P board to board extension jig cable (GGD1871) to the D-AUDIO BRIDGE ASSY.
- (10) Connect the 28P board to board extension jig cable (GGD1867) and the 20P board to board extension jig cable (GGD1868) to the A-DAC BRIDGE ASSY.
- (11) Attach the A-DAC BRIDGE ASSY to the AUDIO ASSY.
- (12) Attach the D-AUDIO BRIDGE ASSY to the AUDIO ASSY.
- (13) Connect the 24P board to board extension jig cable (GGD1871) to the DIGITAL MAIN ASSY.
(D-AUDIO BRIDGE CN3771 <-> DIGITAL MAIN CN1502)
- (14) Arrange the DAC HIGH ASSY as shown in the photo.
- (15) Insert the Insulation Sheet.
- (16) 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)
- (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.")



- (14) Arrange the DAC HIGH ASSY as shown in the photo.
- (15) Insert the Insulation Sheet.
- (16) 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)
- (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.")

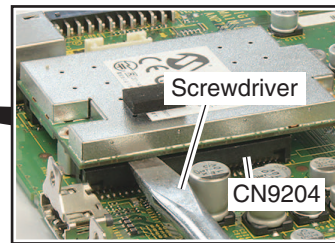
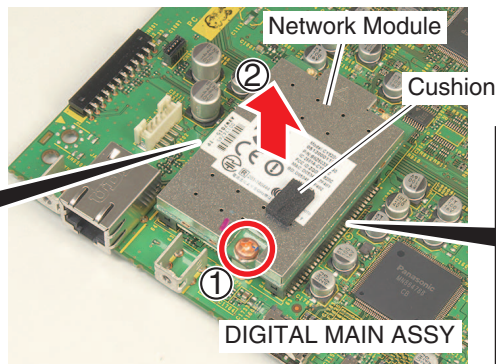
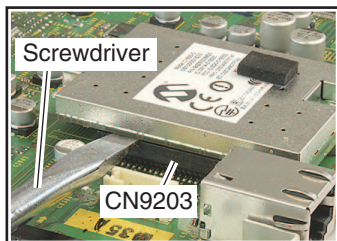
Note

*31: 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. (BMZ30P040FCC)
- (2) Disconnect the two connectors, using the Large Screwdriver and then remove the Network Module.

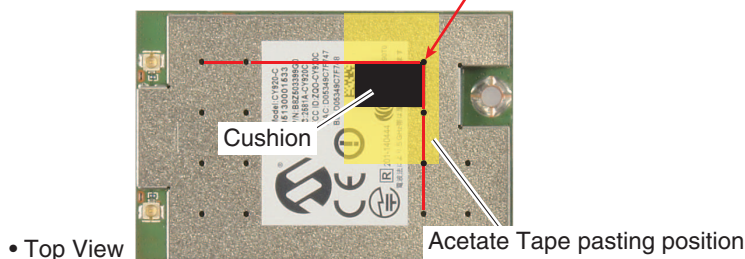


Network Module

Cushion pasting position

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.



• 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 ASSY

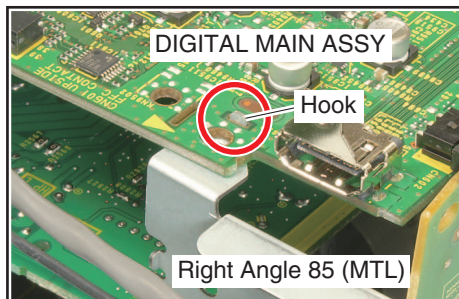
When the D AMP ASSY has been diagnosed with the passage of electric current using extension jig cables, disconnect all extension jig cables and 39P FFC (ADD7787).

Remove the PRE BRIDGE_M ASSY and the IR Cover 85 (MTL) from the Rear Section.

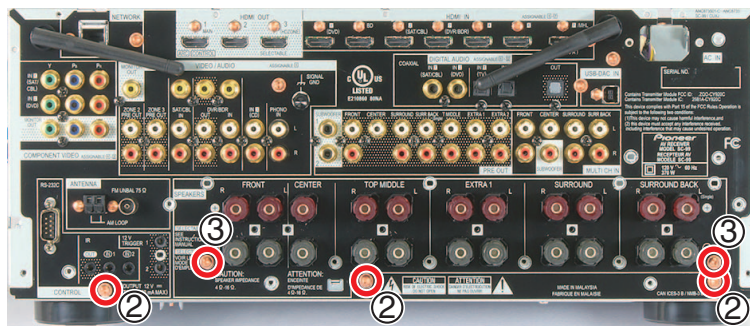
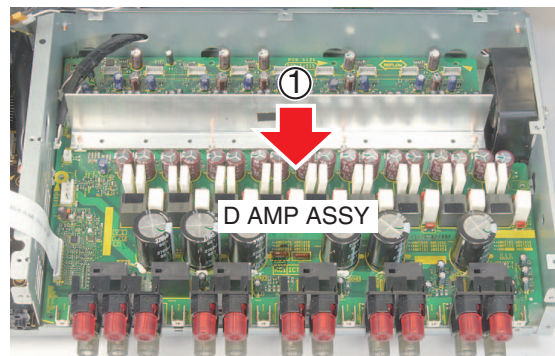
(Refer to the "[3] D AMP ASSY" of "Disassembly")

- (1) Allocate the D AMP ASSY attached with the Heat Cond Sheet, Heat Sink Spacer, Heat Sink 85 (AL) and 19P FFC (ADD7795). Don't fix it with screws.
- (2) Temporarily attach the Rear Panel (with other ASSY) to the Chassis /68, using the three screws. (ABA1011)

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



Front

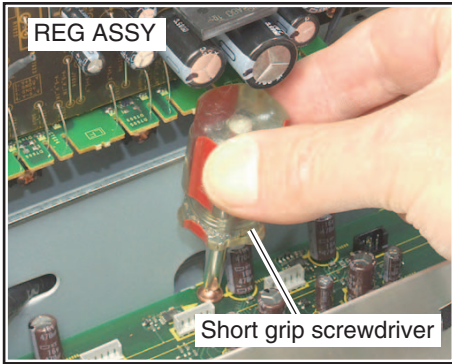


- (3) Temporarily attach the D AMP ASSY to the Rear Panel, using the two screws. (ABA1011)

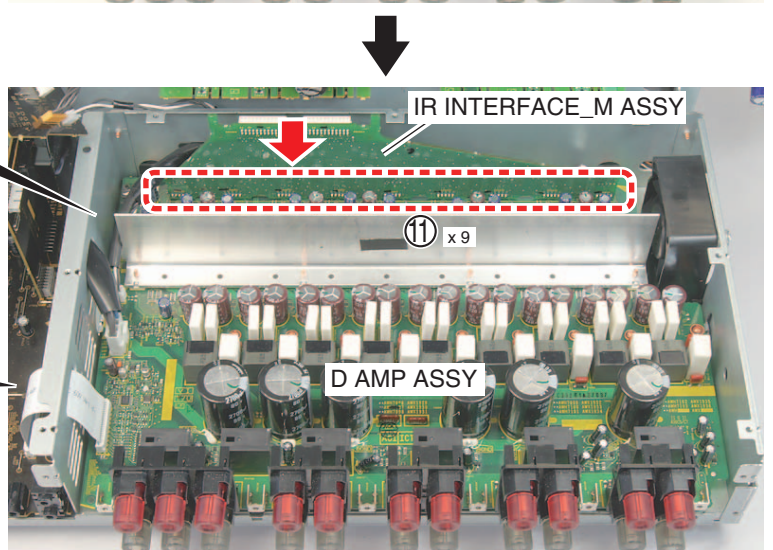
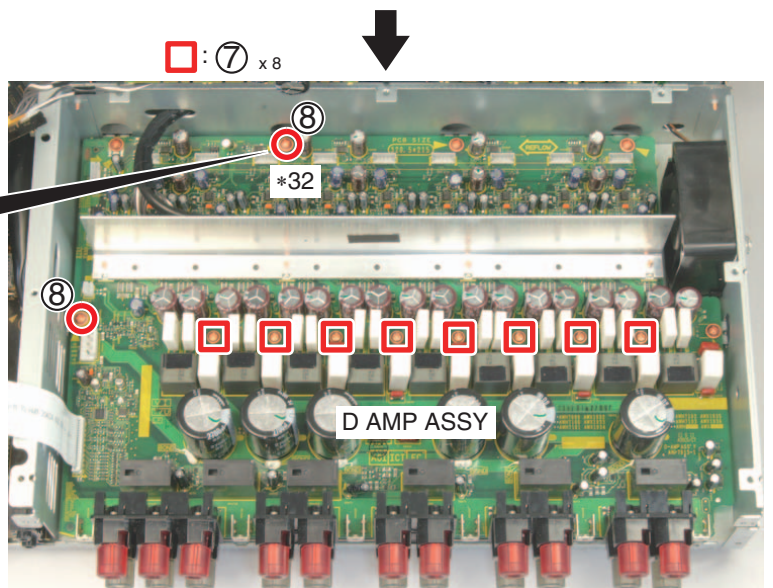
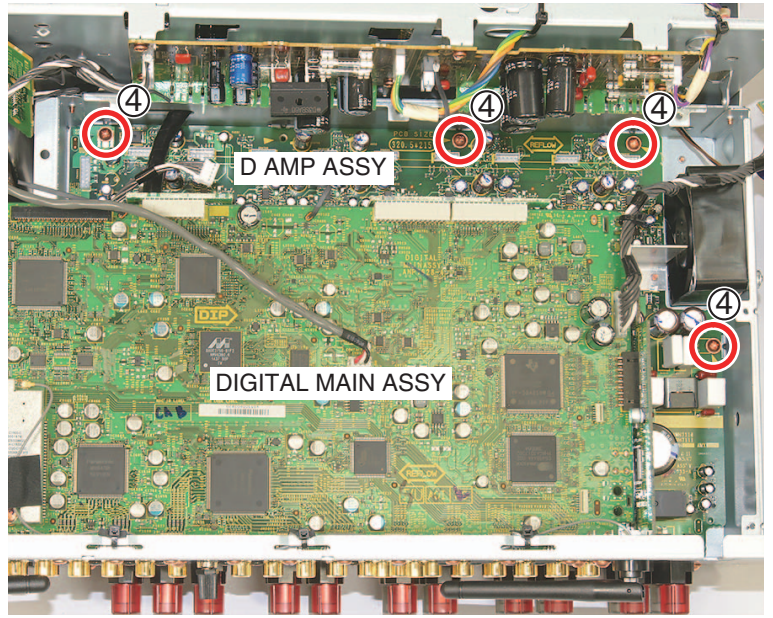
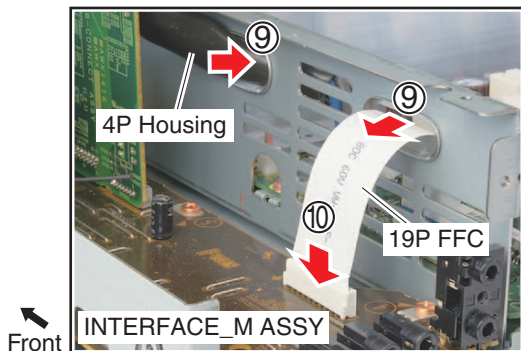
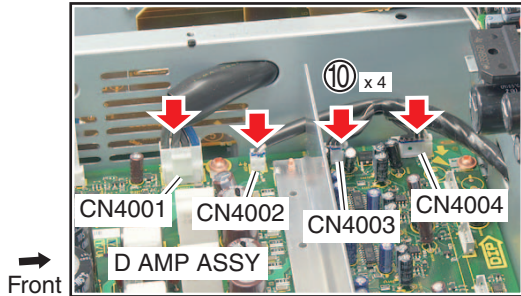
- (4) Attach the D AMP ASSY, using the four screws. (ABA1011)
- (5) Remove the five screws temporarily fixed in accordance with step (2) and (3). (ABA1011)
- (6) Remove the Rear Panel (with other ASSY).

- (7) Attach the eight screws. (IBZ30P150FCC)
- (8) Attach the two screws. (ABA1011)

Note: The screw at position *32 cannot be screwed using a usual screwdriver because it touch a capacitor in the REG ASSY. Attach and secure it using a screwdriver with a short grip.

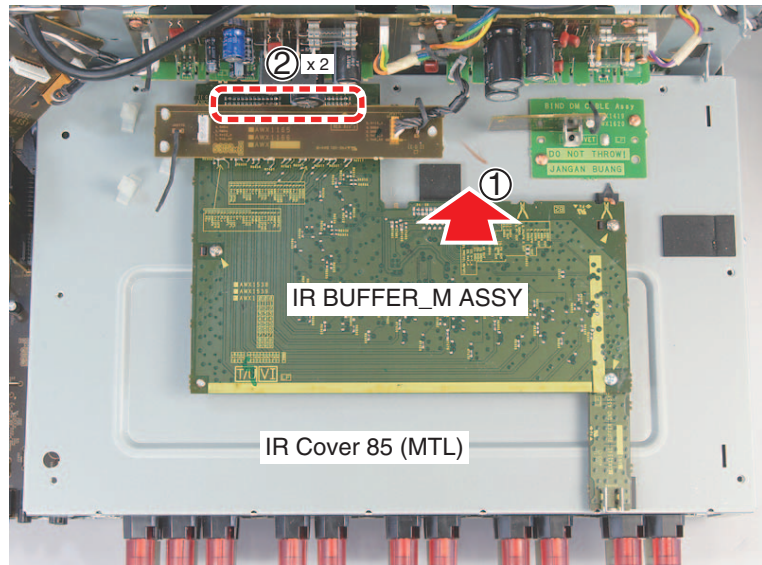


- (9) Put the two cables through the two holes.
- (10) Connect the five connectors.
- (11) Attach the IR INTERFACE_M ASSY.



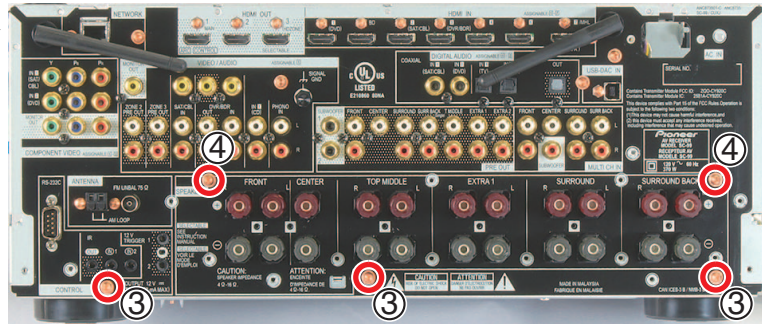
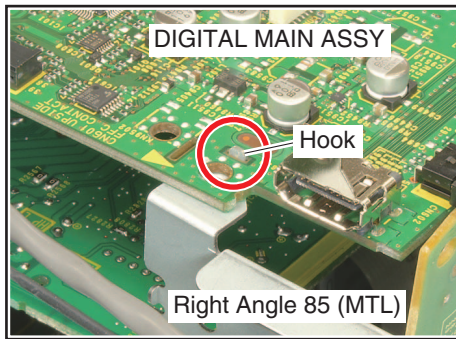
[2] Attach the IR Cover 85 (MTL)

- (1) Allocate the IR Cover 85 (MTL) (with other ASSY).
Don't fix it with screws.
- (2) Connect the two connectors.



- (3) Temporarily attach the Rear Panel (with other ASSY) to the Chassis /68, using the three screws. (ABA1011)

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

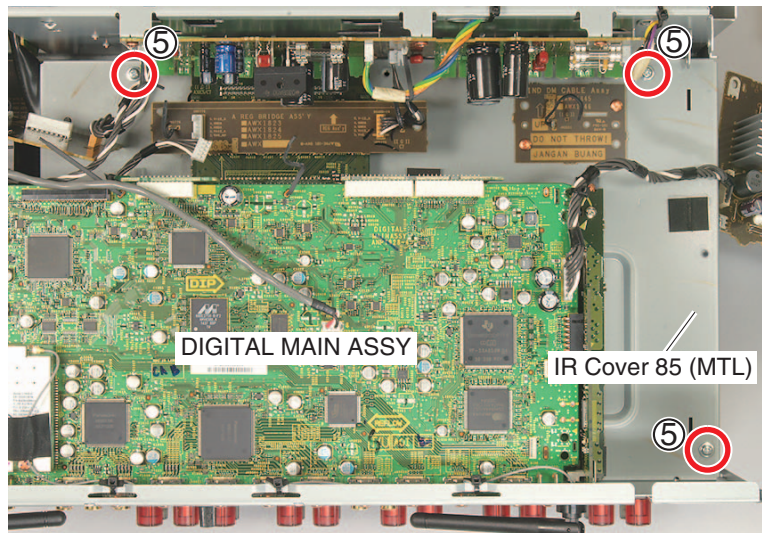


- (4) Temporarily attach the IR Cover 85 (MTL) to the Rear Panel, using the two screws. (ABA1011)

- (5) Attach the IR Cover 85 (MTL), using the three screws. (AMZ30P060FTC)

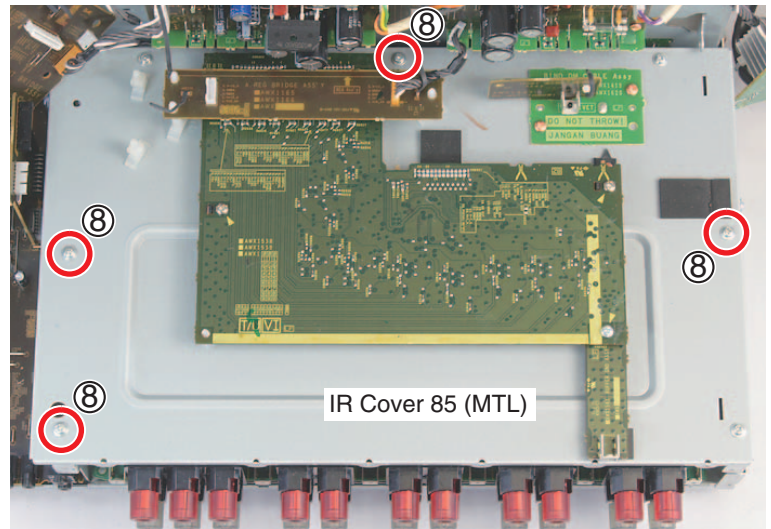
Note: Secure the screws for fixing the IR Cover 85 (MTL) without using the electric screwdriver, but manually.

- (6) Remove the five screws temporarily fixed in accordance with step (3) and (4). (ABA1011)
- (7) Remove the Rear Panel (with other ASSY).



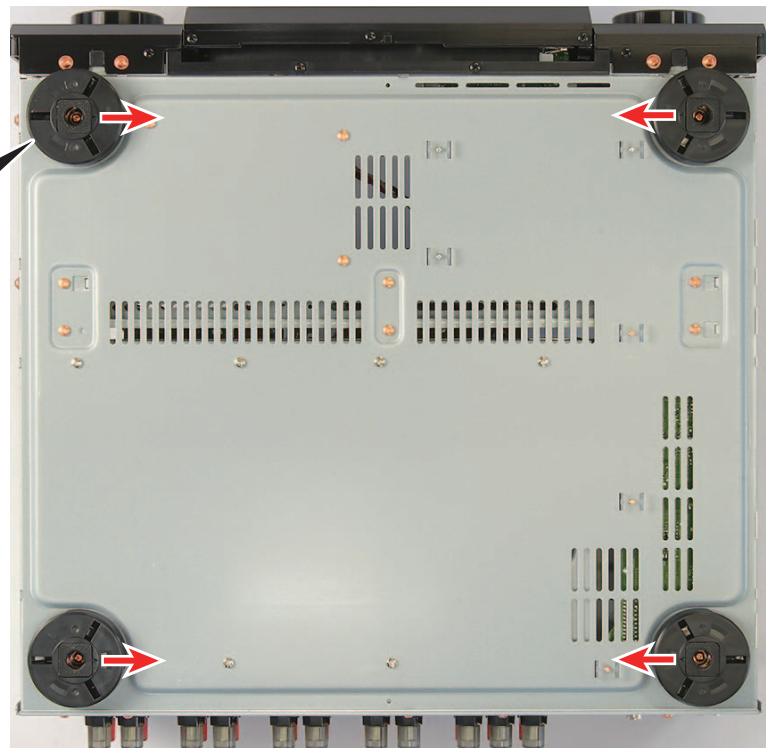
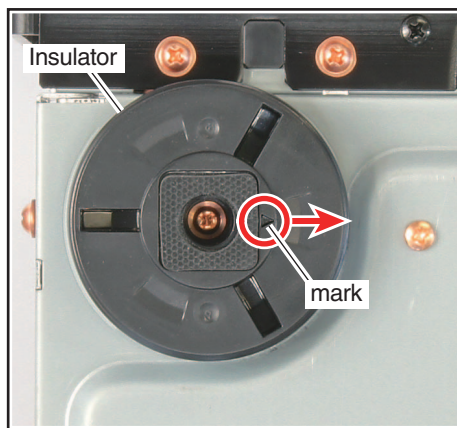
(8) Attach the four screws. (AMZ30P060FTC)

Refer to the step (7) to (1) of “[3-1] Remove the IR Cover 85 (MTL)” of “Disassembly” henceforth.



Direction of Insulator

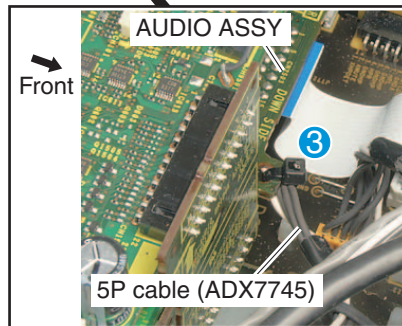
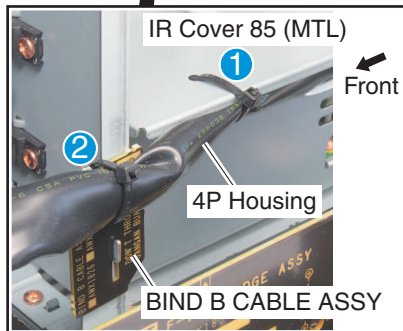
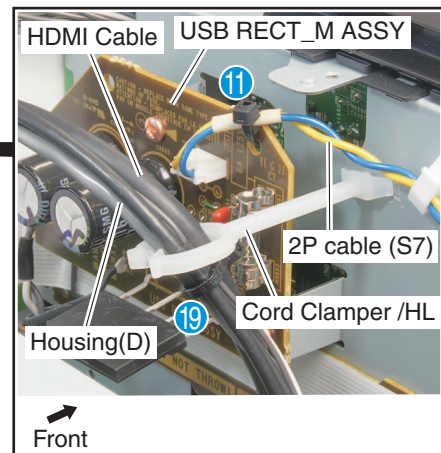
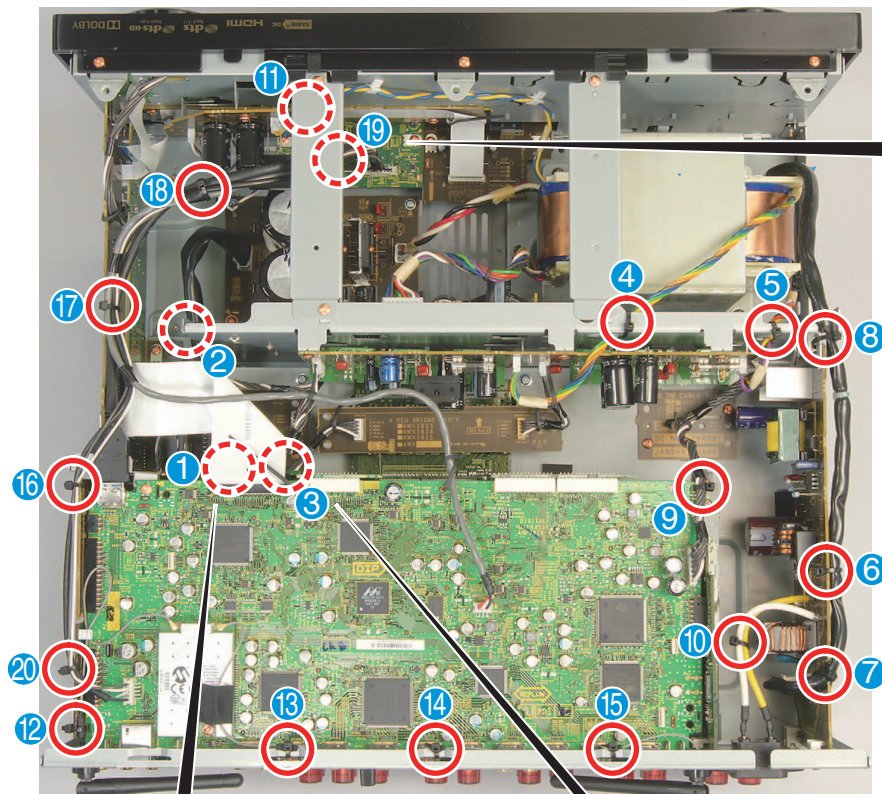
(1) Align the mark at under surface of the Insulator with the direction of photo.



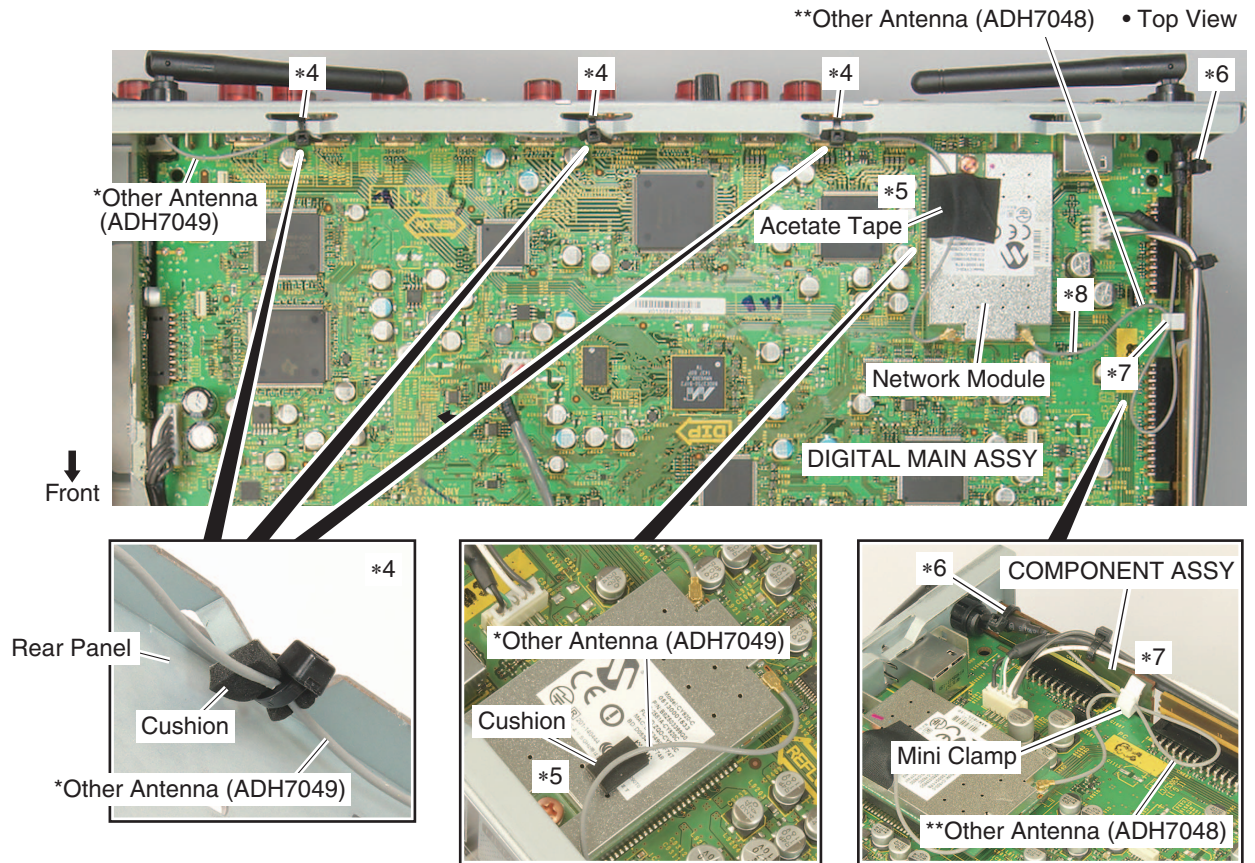
• Bottom view

Styling of the Cables

- Note *1:** Keep the cables, binders and PCB binders off the Bonnet.
- Note *2:** Avoid the cables touching each other.
- Note *3:** Attach the binders to the points of color numbers in numerical order.



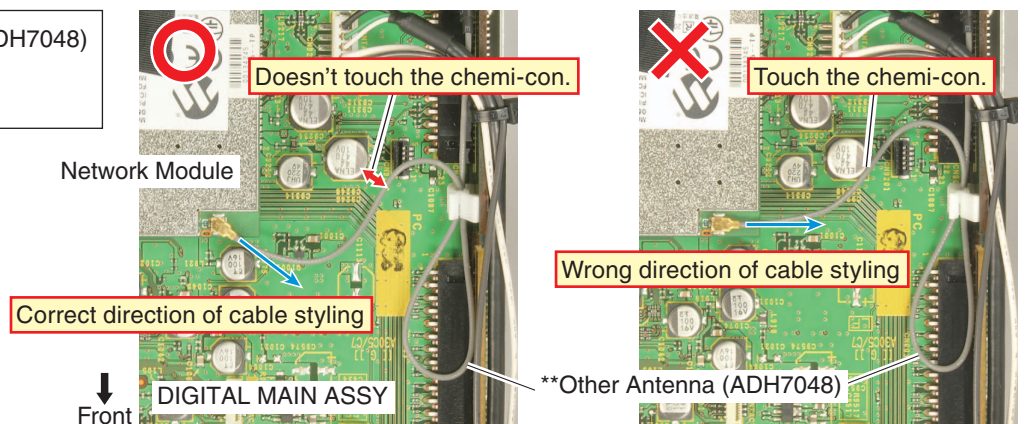
Note *4: Bind the *Other Antenna (ADH7049) below the three Cushions.
 *Except SC-99/CUXJ, SC-97/CUXJ: ANT CONN-Cable (ADH7051)



Note: Replace the Cushion if it is damaged.

Note *5: Lay the *Other Antenna (ADH7049) on the Cushion and then affix the Acetate Tape over them.
Note *6: Bind the **Other Antenna (ADH7048).
Note *7: Bend the **Other Antenna (ADH7048) and then cramp it twice with the Mini Clamp.
 **Except SC-99/CUXJ, SC-97/CUXJ: ANT CONN-Cable (ADH7046)

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



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

B	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 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-99_BK01.avr SC-97_BK01.avr
SC-LX89_BK01.avr SC-LX79_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-99/CUXJ SC-97/CUXJ SC-LX89/SYXJ8 SC-LX79/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]

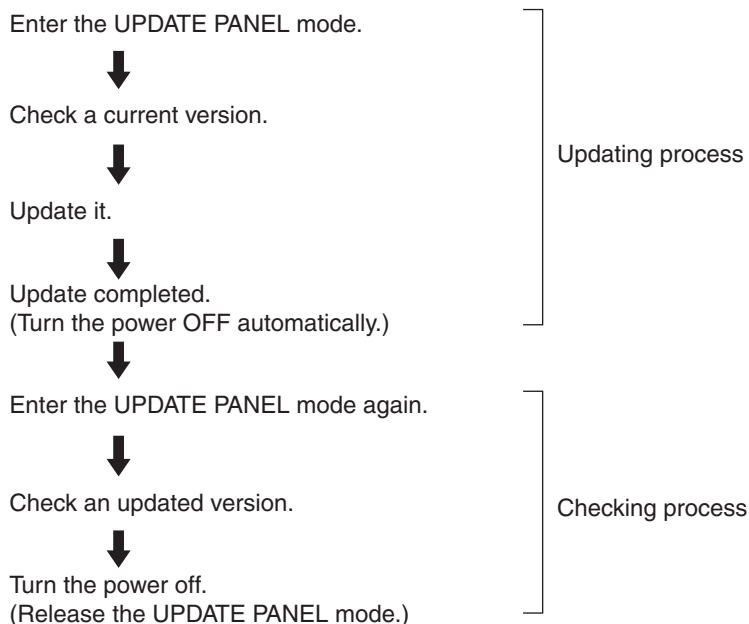
If REGION File writing did not complete normally, an error number is displayed rather than the model number. Please perform rewriting based on the coping strategy by error numbers below.

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)

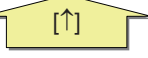
[Preparations]

- 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

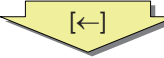
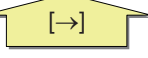
Version number of DSP

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.

△

A

- B

C

D



F



(1) PACKING SECTION PARTS LIST

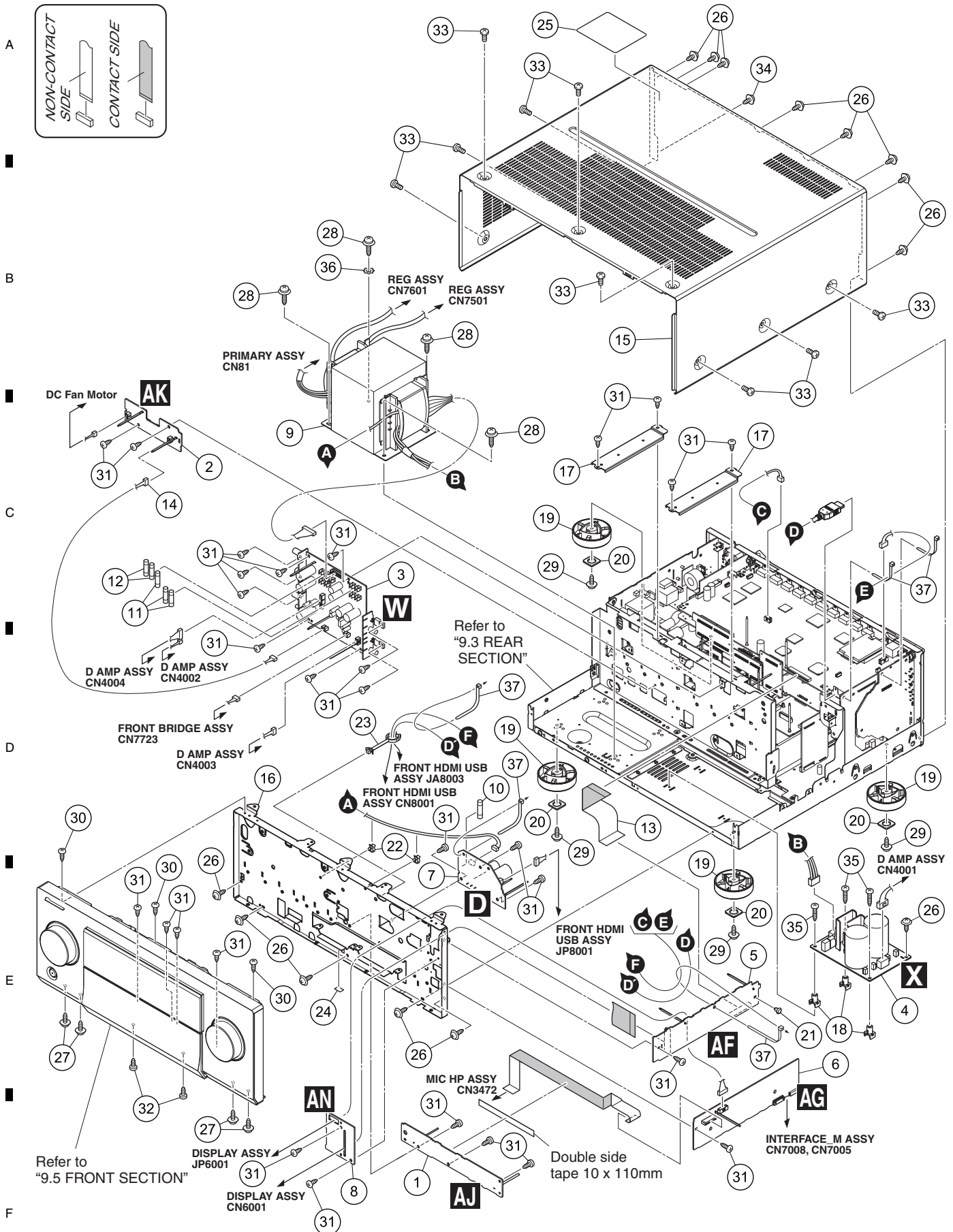
<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>
	1 FM Wire Antenna	ADH7030		11 Quick Start Guide	See Contrast table (2)
NSP	2 Polyethylene Bag	AHG7117	NSP	12 Caution Sheet	See Contrast table (2)
	3 Setup Microphone(Cable:5m(16.4ft))	See Contrast table (2)		13 Packing Pad /F	AHA7502
	4 Setup Microphone(Cable:5m(16.4ft))	See Contrast table (2)		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 Packing Pad/S	AHA7499
NSP	8 AAA Size IEC R03 Dry Cell Batteries x2	VEM1057		18 Battery Door	AZN8047
⚠	9 Power Cord	See Contrast table (2)		19 AM Loop Antenna	XTB3004
	10 IM CD-ROM	See Contrast table (2)		20 Other Antenna	See Contrast table (2)

(2) CONTRAST TABLE

SC-99/CUXJ, SC-97/CUXJ, SC-LX89-K/SYXJ8, SC-LX89-S/SYXJ8, SC-LX79-K/SYXJ8 and SC-LX79-S/SYXJ8 are constructed the same except for the following:

<u>Mark</u>	<u>No.</u>	<u>Symbol and Description</u>	<u>SC-99/ CUXJ</u>	<u>SC-97/ CUXJ</u>	<u>SC-LX89-K/ SYXJ8</u>	<u>SC-LX89-S/ SYXJ8</u>	<u>SC-LX79-K/ SYXJ8</u>	<u>SC-LX79-S/ SYXJ8</u>
	3	Setup Microphone (Cable:5m(16.4ft))	APM7009	Not used	APM7009	APM7009	Not used	Not used
	4	Setup Microphone (Cable:5m(16.4ft))	Not used	APM7011	Not used	Not used	APM7011	APM7011
NSP	6	Warranty Sheet	ARY7007	ARY7007	ARY7158	ARY7158	ARY7158	ARY7158
⚠	9	Power Cord	ADG7118	ADG7118	ADG7119	ADG7119	ADG7119	ADG7119
	10	IM CD-ROM	ARU7078	ARU7078	ARU7079	ARU7079	ARU7079	ARU7079
	11	Quick Start Guide	ARH7230	ARH7230	ARH7231	ARH7231	ARH7231	ARH7231
NSP	12	Caution Sheet	ARM7182	ARM7182	ARM7183	ARM7183	ARM7183	ARM7183
	15	Packing Case	AHD8891	AHD8897	AHD8892	AHD8893	AHD8898	AHD8899
	20	Other Antenna	Not used	Not used	ADH7045	ADH7045	ADH7045	ADH7045

9.2 EXTERIOR SECTION



(1) EXTERIOR SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.	
	1 MIC HP GUARD ASSY	AWX2052		21 Push Rivet	AEC7071	
	2 FAN CONNECT ASSY	AWX2055	NSP	22 Mini Clamp	VEC1597	A
	3 IR REG_M ASSY	See Contrast table (2)		23 Cord Clamper /HL	AEC7653	
	4 B DIODE ASSY	See Contrast table (2)		24 Cushion 11X7	AED7092	
	5 DISPLAY BRIDGE ASSY	See Contrast table (2)		25 Label /LSC	ARW7509	
	6 F-IN BRIDGE ASSY	AWX2158		26 Screw (Steel)	ABA1011	
	7 USB RECT_M ASSY	See Contrast table (2)		27 Screw (Steel)	ABA1193	
NSP	8 FFC GUARD_M ASSY	AWX1821		28 Screw 4X12 (FE)	ABA7109	
⚠	9 Power Transformer	See Contrast table (2)		29 Cup Screw 3X8 FCC	ABA7149	
⚠	10 Fuse (FU10)	See Contrast table (2)		30 Screw	BBT30P080FCC	
⚠	11 Fuse (FU11, FU12, FU15)	See Contrast table (2)		31 Screw	BBZ30P060FCC	B
⚠	12 Fuse (FU13, FU14)	See Contrast table (2)		32 Screw	See Contrast table (2)	
	13 39P FFC (J0003)	ADD7787		33 Screw	See Contrast table (2)	
	14 3P Housing (Y0024)	ADX7766		34 Screw	IBP30P090FCC	
	15 Bonnet	See Contrast table (2)		35 Screw	IBZ30P180FTC	
NSP	16 Panel Stay 85 (MTL)	ANG7684		36 Toothed Lock Washer	WH40FNI	
	17 Top Beam 85 (MTL)	ANG7726		37 Binder (BK-1)	ZCA-BK1	
	18 PCB Mold (PP)	AMR2533				
	19 Insulator	See Contrast table (2)				
	20 Cushion /INS	AEB7447				C

(2) CONTRAST TABLE

SC-99/CUXJ, SC-97/CUXJ, SC-LX89-K/SYXJ8, SC-LX89-S/SYXJ8, SC-LX79-K/SYXJ8 and SC-LX79-S/SYXJ8 are constructed the same except for the following:

Mark No.	Symbol and Description	SC-99/ CUXJ	SC-97/ CUXJ	SC-LX89-K/ SYXJ8	SC-LX89-S/ SYXJ8	SC-LX79-K/ SYXJ8	SC-LX79-S/ SYXJ8
3	IR REG_M ASSY	AWX2124	AWX2127	AWX2125	AWX2125	AWX2128	AWX2128
4	B DIODE ASSY	AWX2130	AWX2130	AWX2131	AWX2131	AWX2131	AWX2131
5	DISPLAY BRIDGE ASSY	AWX2155	AWX2155	AWX2156	AWX2156	AWX2156	AWX2156
7	USB RECT_M ASSY	AWX2165	AWX2165	AWX2166	AWX2166	AWX2166	AWX2166
⚠ 9	Power Transformer	ATS7474	ATS7478	ATS7475	ATS7475	ATS7479	ATS7479
⚠ 10	Fuse (FU10)	REK1151	REK1151	AEK1061	AEK1061	AEK1061	AEK1061
⚠ 11	Fuse (FU11, FU12, FU15)	REK1143	REK1143	AEK7073	AEK7073	AEK7073	AEK7073
⚠ 12	Fuse (FU13, FU14)	REK1142	REK1142	AEK7072	AEK7072	AEK7072	AEK7072
15	Bonnet	AEA7034	AEA7034	AEA7034	AEA7036	AEA7034	AEA7036
19	Insulator	AMR7707	AMR7707	AMR7709	AMR7709	AMR7709	AMR7709
32	Screw	BBZ30P080FTB	BBZ30P080FTB	BBZ30P080FTB	BBZ30P080FNI	BBZ30P080FTB	BBZ30P080FNI
33	Screw	BCZ40P060FTB	BCZ40P060FTB	BCZ40P060FTB	BCZ40P060FNI	BCZ40P060FTB	BCZ40P060FNI

△



(1) REAR SECTION PARTS LIST

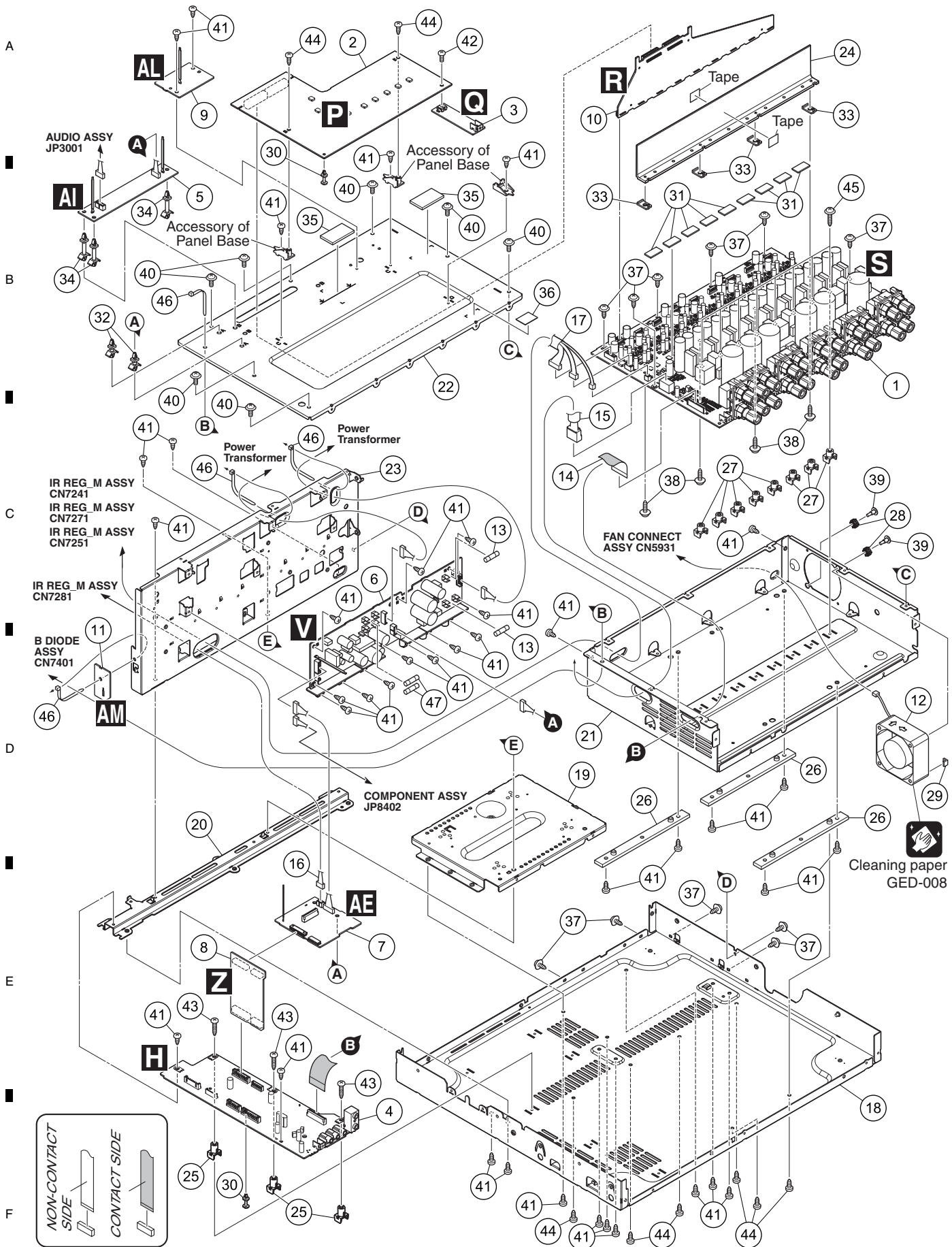
Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	AUDIO ASSY	See Contrast table (2)	26	Right Angle 85 (MTL)	ANG7687
2	COMPOSITE ASSY	See Contrast table (2)	27	Nylon Rivet	AEC7406
3	D-AUDIO BRIDGE ASSY	AWX2196	28	Insulating Sheet /68	AEC7659
4	D-DAC BRIDGE ASSY	AWX2197	29	Push Rivet	AEC7071
5	A-DAC BRIDGE ASSY	AWX2198	30	Cushion Circle 14B	AED7081
6	PRIMARY ASSY	See Contrast table (2)	NSP 31	Mini Clamp	VEC1597
7	DAC HIGH ASSY	See Contrast table (2)	NSP 32	PCB Spacer	AEC1084
8	COMPONENT ASSY	See Contrast table (2)	33	Locking Spacer (PLS)	See Contrast table (2)
9	PRE BRIDGE_M ASSY	AWX1822	34	Bush /ANT	AMR7706
10	PRIMARY SHIELD ASSY	See Contrast table (2)	35	Cushion	AEB7449
11	MULTI CH IN ASSY	See Contrast table (2)	36	Screw (Steel)	ABA1011
12	MCH BRIDGE ASSY	See Contrast table (2)	37	Screw (Steel)	ABA1207
13	CONNECT_M ASSY	See Contrast table (2)	38	Terminal Screw	AKE-031
14	DIGITAL MAIN ASSY	See Contrast table (2)	39	Screw	BBZ30P060FCC
NSP 15	VREG GUARD ASSY	AWX2053	NSP 40	Screw	BMZ30P040FCC
16	USB DAC ASSY	See Contrast table (2)	41	Screw	BPZ30P080FTB
17	AM/FM Tuner Unit	See Contrast table (2)	42	Screw	BPZ30P100FTC
18	Network Module	AXX7293	43	Screw	CBZ30P080FTB
19	Other Antenna	See Contrast table (2)	44	Hex Head Screw 2.85X7	ABA7078
20	Other Antenna	See Contrast table (2)	45	Binder (BK-1)	ZCA-BK1
⚠ 21	Fuse (FU1)	See Contrast table (2)	46	D. Main Shield 85 (MTL)	See Contrast table (2)
⚠ 22	Fuse (FU4)	See Contrast table (2)	47	ANT CONN-Cable	See Contrast table (2)
23	9P FFC (J0005)	ADD7794	48	ANT CONN-Cable	See Contrast table (2)
24	15P FFC/60V (J0007)	ADD7725			
25	Rear Panel	See Contrast table (2)			

(2) CONTRAST TABLE

SC-99/CUXJ, SC-97/CUXJ, SC-LX89-K/SYXJ8, SC-LX89-S/SYXJ8, SC-LX79-K/SYXJ8 and SC-LX79-S/SYXJ8 are constructed the same except for the following:

Mark No.	Symbol and Description	SC-99/ CUXJ	SC-97/ CUXJ	SC-LX89-K/ SYXJ8	SC-LX89-S/ SYXJ8	SC-LX79-K/ SYXJ8	SC-LX79-S/ SYXJ8
1	AUDIO ASSY	AWX2076	AWX2080	AWX2077	AWX2077	AWX2081	AWX2081
2	COMPOSITE ASSY	AWX2085	AWX2086	AWX2085	AWX2085	AWX2086	AWX2086
6	PRIMARY ASSY	AWX2038	AWX2038	AWX2039	AWX2039	AWX2039	AWX2039
7	DAC HIGH ASSY	AWX2063	AWX2067	AWX2064	AWX2064	AWX2068	AWX2068
8	COMPONENT ASSY	AWX2105	AWX2108	AWX2106	AWX2106	AWX2109	AWX2109
10	PRIMARY SHIELD ASSY	Not used	AWX1820	Not used	Not used	AWX1820	AWX1820
11	MULTI CH IN ASSY	AWX2159	Not used	AWX2160	AWX2160	Not used	Not used
12	MCH BRIDGE ASSY	AWX1840	Not used	AWX1840	AWX1840	Not used	Not used
13	CONNECT_M ASSY	AWX2162	AWX2162	AWX2163	AWX2163	AWX2163	AWX2163
14	DIGITAL MAIN ASSY	AWX2013	AWX2017	AWX2014	AWX2014	AWX2018	AWX2018
16	USB DAC ASSY	AWX2056	Not used	AWX2057	AWX2057	Not used	Not used
17	AM/FM Tuner Unit	AXX7282	AXX7282	AXX7283	AXX7283	AXX7283	AXX7283
19	Other Antenna	ADH7048	ADH7048	Not used	Not used	Not used	Not used
20	Other Antenna	ADH7049	ADH7049	Not used	Not used	Not used	Not used
⚠ 21	Fuse (FU1)	REK1154	REK1154	AEK1061	AEK1061	AEK1061	AEK1061
⚠ 22	Fuse (FU4)	REK1139	REK1139	REK1104	REK1104	REK1104	REK1104
25	Rear Panel	ANC8735	ANC8741	ANC8736	ANC8737	ANC8742	ANC8743
33	Locking Spacer (PLS)	AEC7643	Not used	AEC7643	AEC7643	Not used	Not used
46	D. Main Shield 85 (MTL)	Not used	Not used	ANK7162	ANK7162	Not used	Not used
47	ANT CONN-Cable	Not used	Not used	ADH7046	ADH7046	ADH7046	ADH7046
48	ANT CONN-Cable	Not used	Not used	ADH7051	ADH7051	ADH7051	ADH7051

9.4 CHASSIS SECTION



(1) CHASSIS SECTION PARTS LIST

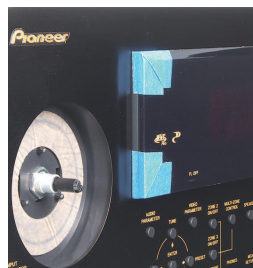
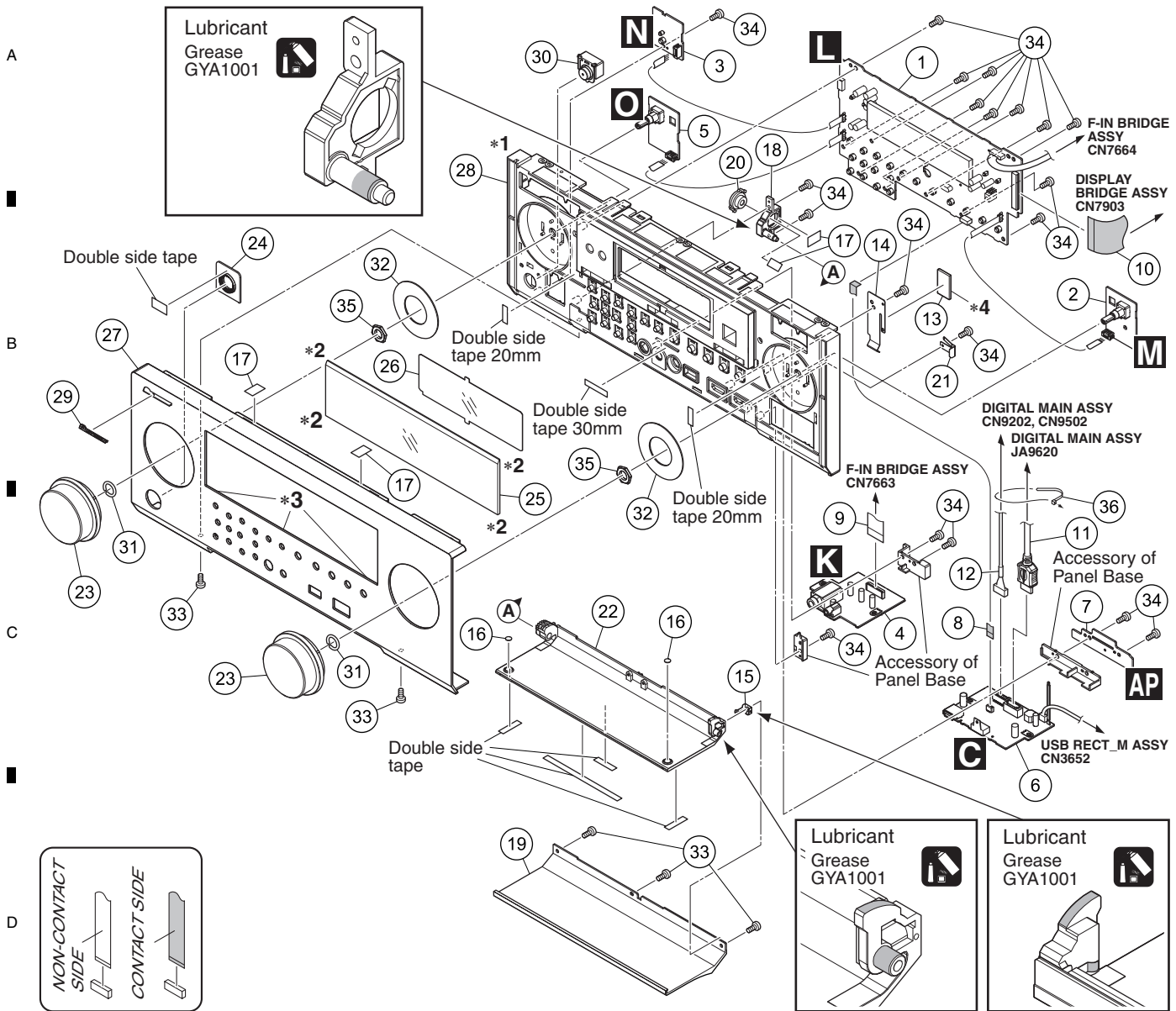
Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	D AMP ASSY	See Contrast table (2)	26	Insulator ICE (PLS)	AMR7523
2	IR BUFFER_M ASSY	See Contrast table (2)	27	PCB Mold (PP)	AMR7536
3	BUFFER GND_M ASSY	AWX1783	28	Damper Bushing 83	AEB7425
4	INTERFACE_M ASSY	See Contrast table (2)	29	Cushion 5X8	AEB7397
5	A REG BRIDGE ASSY	See Contrast table (2)	30	PCB Spacer	AEC7080
6	REG ASSY	See Contrast table (2)	31	Heat Cond Sheet	AEB7434
7	FRONT BRIDGE ASSY	AWX1833	NSP 32	PCB Holder	PNW2100
8	FB CONNECT ASSY	AWX1841	33	Heat Sink Spacer (PLS)	AMR7568
9	BIND DM CABLE_M ASSY	AWX1846	NSP 34	PCB Spacer	AEC1446
10	IR INTERFACE_M ASSY	AWX1776	35	Cushion /T3	AEB7448
NSP 11	BIND B CABLE ASSY	AWX1826	36	Insulating Sheet	AEC7654
⚠ 12	DC Fan Motor	AXM7040	37	Screw (Steel)	ABA1011
⚠ 13	Fuse (FU21, FU22)	See Contrast table (2)	38	Screw	ABA1052
14	19P FFC (J0004)	ADD7795	39	Screw (3*11.6)	ABA7146
15	4P Housing (Y0020)	ADX7755	40	Screw	AMZ30P060FTC
16	3P Housing (Y0023)	ADX7759	41	Screw	BBZ30P060FCC
17	7P+4P+2P Housing (Y0028)	ADX7817	42	Screw	BBZ30P060FTC
NSP 18	Chassis /68	ANA7244	43	Screw	BBZ30P180FCC
19	Trans Frame 85 (MTL)	ANG7685	44	Screw	BPZ30P080FNI
20	Center Beam 85 (MTL)	ANG7689	45	Screw	IBZ30P150FCC
NSP 21	IR Box 85 (MTL)	ANF7061	46	Binder (BK-1)	ZCA-BK1
NSP 22	IR Cover 85 (MTL)	ANF7062	47	Fuse (FU31, FU32)	See Contrast table (2)
23	REG ASSY Plate 85 (MTL)	ANG7688			
NSP 24	Heat Sink 85 (AL)	ANH7234			
25	PCB Mold (PP)	AMR2533			

(2) CONTRAST TABLE

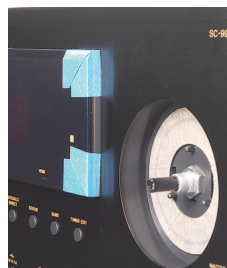
SC-99/CUXJ, SC-97/CUXJ, SC-LX89-K/SYXJ8, SC-LX89-S/SYXJ8, SC-LX79-K/SYXJ8 and SC-LX79-S/SYXJ8 are constructed the same except for the following:

Mark No.	Symbol and Description	SC-99/ CUXJ	SC-97/ CUXJ	SC-LX89-K/ SYXJ8	SC-LX89-S/ SYXJ8	SC-LX79-K/ SYXJ8	SC-LX79-S/ SYXJ8
1	D AMP ASSY	AWH7104	AWH7108	AWH7105	AWH7105	AWH7109	AWH7109
2	IR BUFFER_M ASSY	AWX2093	AWX2093	AWX2094	AWX2094	AWX2096	AWX2096
4	INTERFACE_M ASSY	AWX2120	AWX2120	AWX2121	AWX2121	AWX2121	AWX2121
5	A REG BRIDGE ASSY	AWX2132	AWX2132	AWX2133	AWX2133	AWX2133	AWX2133
6	REG ASSY	AWX2149	AWX2152	AWX2150	AWX2150	AWX2153	AWX2153
⚠ 13	Fuse (FU21, FU22)	REK1143	REK1143	AEK7072	AEK7072	AEK7072	AEK7072
47	Fuse (FU31, FU32)	REK1143	REK1143	AEK7073	AEK7073	AEK7073	AEK7073

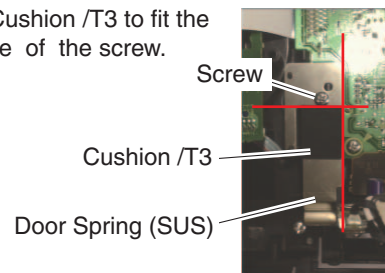
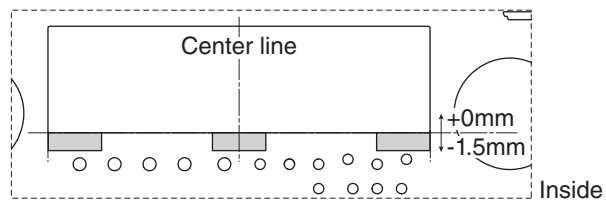
9.5 FRONT SECTION



Left side



Right side



(1) FRONT SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.	
	1 DISPLAY ASSY	See Contrast table (2)	21	Earth Spring 85 (SUS)	ABK7070	
	2 VOL ASSY	AWX2029	22	Door Base	See Contrast table (2)	A
	3 POWER SW ASSY	AWX2030	23	VOL. Knob ASSY	See Contrast table (2)	
	4 MIC HP ASSY	See Contrast table (2)	24	Power Ring	See Contrast table (2)	
	5 ENCODER ASSY	AWX2051	25	Window	See Contrast table (2)	
NSP	6 FRONT HDMI USB ASSY	See Contrast table (2)	26	Filter	See Contrast table (2)	
	7 PANEL GUARD ASSY	AWX2054	27	Panel	See Contrast table (2)	
	8 5P FFC (J0001)	ADD7783	28	Panel Base	See Contrast table (2)	
	9 15P FFC (J0002)	ADD7791	29	Pioneer Badge	See Contrast table (2)	
	10 39P FFC (J0006)	ADD7796	30	STDBY BTN ASSY	See Contrast table (2)	
	11 HDMI Cable (Y0026)	ADX7732	31	Ring	ABH7213	B
	12 Housing(D) (Y0027)	ADX7821	32	Vol Stabilizer LX85	AEC7644	
	13 Cushion /T3	AEB7448	33	Screw	See Contrast table (2)	
	14 Door Spring (SUS)	ABK7061	34	Screw	BPZ30P080FNI	
	15 Earth Spring 81 (SUS)	ABK7067	35	Nut	NK90FTC	
	16 Cushion Circle 6	See Contrast table (2)	36	Binder (BK-1)	ZCA-BK1	
	17 Cushion 11X7	AED7092				
	18 Shaft /DOR	AMR7704				
	19 Door	See Contrast table (2)				
	20 Damper /DOR	AXA7159				C

(2) CONTRAST TABLE

SC-99/CUXJ, SC-97/CUXJ, SC-LX89-K/SYXJ8, SC-LX89-S/SYXJ8, SC-LX79-K/SYXJ8 and SC-LX79-S/SYXJ8 are constructed the same except for the following:

Mark No.	Symbol and Description	SC-99/ CUXJ	SC-97/ CUXJ	SC-LX89-K/ SYXJ8	SC-LX89-S/ SYXJ8	SC-LX79-K/ SYXJ8	SC-LX79-S/ SYXJ8	
	1 DISPLAY ASSY	AWX2026	AWX2026	AWX2027	AWX2027	AWX2027	AWX2027	
	4 MIC HP ASSY	AWX2048	AWX2048	AWX2049	AWX2049	AWX2049	AWX2049	
	6 FRONT HDMI USB ASSY	AWX2115	AWX2115	AWX2116	AWX2116	AWX2118	AWX2118	
	16 Cushion Circle 6	AED7083	AED7083	AED7083	AED7080	AED7083	AED7080	D
	19 Door	ANB7645	ANB7645	ANB7644	ANB7646	ANB7644	ANB7646	
	22 Door Base	AMR7565	AMR7565	AMR7565	AMR7636	AMR7565	AMR7636	
	23 VOL. Knob ASSY	AAA7064	AAA7064	AAA7064	AAA7071	AAA7064	AAA7071	
	24 Power Ring	AAK8571	AAK8571	AAK8571	AAK8574	AAK8571	AAK8574	
	25 Window	AAK8594	AAK8594	AAK8597	AAK8597	AAK8597	AAK8597	
	26 Filter	AAK8443	AAK8443	AAK8459	AAK8459	AAK8459	AAK8459	
	27 Panel	ANB7651	ANB7655	ANB7652	ANB7653	ANB7656	ANB7657	
	28 Panel Base	AMB8085	AMB8085	AMB8086	AMB8087	AMB8086	AMB8087	
	29 Pioneer Badge	VAM1159	VAM1159	VAM1158	VAM1158	VAM1158	VAM1158	
	30 STDBY BTN ASSY	AAD7804	AAD7804	AAD7804	AAD7807	AAD7804	AAD7807	E
	33 Screw	BBZ30P080FTB	BBZ30P080FTB	BBZ30P080FTB	BBZ30P080FNI	BBZ30P080FTB	BBZ30P080FNI	

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

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

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

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
LIST OF ASSEMBLIES							
	1...	D AMP ASSY (SC-99)	AWH7104	NSP	1...	IR BUFFER_M ASSY (SC-99/SC-97)	AWM8423
					2..	IR BUFFER_M ASSY	AWX2093
	1...	D AMP ASSY (SC-97)	AWH7108		2..	BUFFER GND_M ASSY	AWX1783
	1...	D AMP ASSY (SC-LX89)	AWH7105	NSP	1...	IR BUFFER_M ASSY (SC-LX89)	AWM8424
					2..	IR BUFFER_M ASSY	AWX2094
	1...	D AMP ASSY (SC-LX79)	AWH7109		2..	BUFFER GND_M ASSY	AWX1783
NSP	1...	AUDIO COMPOSITE_H ASSY (SC-99)	AWR7288	NSP	1...	IR BUFFER_M ASSY (SC-LX79)	AWM8426
	2..	AUDIO ASSY	AWX2076		2..	IR BUFFER_M ASSY	AWX2096
	2..	COMPOSITE ASSY	AWX2085		2..	BUFFER GND_M ASSY	AWX1783
	2..	D-AUDIO BRIDGE ASSY	AWX2196	NSP	1...	INTERFACE REG_M ASSY (SC-99)	AWR7296
	2..	D-DAC BRIDGE ASSY	AWX2197		2..	INTERFACE_M ASSY	AWX2120
	2..	A-DAC BRIDGE ASSY	AWX2198		2..	IR REG_M ASSY	AWX2124
NSP	1...	AUDIO COMPOSITE_H ASSY (SC-97)	AWR7292		2..	B DIODE ASSY	AWX2130
	2..	AUDIO ASSY	AWX2080		2..	PRE BRIDGE_M ASSY	AWX1822
	2..	COMPOSITE ASSY	AWX2086		2..	A REG BRIDGE ASSY	AWX2132
	2..	D-AUDIO BRIDGE ASSY	AWX2196	NSP	2..	FFC GUARD_M ASSY	AWX1821
	2..	D-DAC BRIDGE ASSY	AWX2197	NSP	2..	BIND B CABLE ASSY	AWX1826
	2..	A-DAC BRIDGE ASSY	AWX2198	NSP	1...	INTERFACE REG_M ASSY (SC-97)	AWR7299
NSP	1...	AUDIO COMPOSITE_H ASSY (SC-LX89)	AWR7289		2..	INTERFACE_M ASSY	AWX2120
	2..	AUDIO ASSY	AWX2077		2..	IR REG_M ASSY	AWX2127
	2..	COMPOSITE ASSY	AWX2085		2..	B DIODE ASSY	AWX2130
	2..	D-AUDIO BRIDGE ASSY	AWX2196		2..	PRIMARY SHIELD ASSY	AWX1820
	2..	D-DAC BRIDGE ASSY	AWX2197		2..	PRE BRIDGE_M ASSY	AWX1822
	2..	A-DAC BRIDGE ASSY	AWX2198		2..	A REG BRIDGE ASSY	AWX2132
NSP	1...	AUDIO COMPOSITE_H ASSY (SC-LX79)	AWR7293	NSP	2..	FFC GUARD_M ASSY	AWX1821
	2..	AUDIO ASSY	AWX2081	NSP	2..	BIND B CABLE ASSY	AWX1826
	2..	COMPOSITE ASSY	AWX2086	NSP	1...	INTERFACE REG_M ASSY (SC-LX89)	AWR7297
	2..	D-AUDIO BRIDGE ASSY	AWX2196		2..	INTERFACE_M ASSY	AWX2121
	2..	D-DAC BRIDGE ASSY	AWX2197		2..	IR REG_M ASSY	AWX2125
	2..	A-DAC BRIDGE ASSY	AWX2198		2..	B DIODE ASSY	AWX2131
NSP	1...	PRIM DISPLAY ASSY (SC-99/SC-97)	AWM8417		2..	PRE BRIDGE_M ASSY	AWX1822
	2..	MIC HP ASSY	AWX2048	NSP	2..	A REG BRIDGE ASSY	AWX2133
	2..	DISPLAY ASSY	AWX2026	NSP	2..	FFC GUARD_M ASSY	AWX1821
	2..	VOL ASSY	AWX2029	NSP	2..	BIND B CABLE ASSY	AWX1826
	2..	POWER SW ASSY	AWX2030	NSP	1...	INTERFACE REG_M ASSY (SC-LX79)	AWR7300
	2..	PRIMARY ASSY	AWX2038		2..	INTERFACE_M ASSY	AWX2121
	2..	ENCODER ASSY	AWX2051		2..	IR REG_M ASSY	AWX2128
	2..	MIC HP GUARD ASSY	AWX2052		2..	B DIODE ASSY	AWX2131
	2..	FAN CONNECT ASSY	AWX2055		2..	PRIMARY SHIELD ASSY	AWX1820
NSP	2..	VREG GUARD ASSY	AWX2053		2..	PRE BRIDGE_M ASSY	AWX1822
NSP	2..	PANEL GUARD ASSY	AWX2054		2..	A REG BRIDGE ASSY	AWX2133
NSP	1...	PRIM DISPLAY ASSY (SC-LX89/SC-LX79)	AWM8418	NSP	2..	FFC GUARD_M ASSY	AWX1821
	2..	MIC HP ASSY	AWX2049	NSP	2..	BIND B CABLE ASSY	AWX1826
	2..	DISPLAY ASSY	AWX2027	NSP	1...	REG BRIDGE ASSY (SC-99)	AWR7306
	2..	VOL ASSY	AWX2029		2..	REG ASSY	AWX2149
	2..	POWER SW ASSY	AWX2030		2..	FRONT BRIDGE ASSY	AWX1833
	2..	PRIMARY ASSY	AWX2039		2..	DISPLAY BRIDGE ASSY	AWX2155
	2..	ENCODER ASSY	AWX2051		2..	F-IN BRIDGE ASSY	AWX2158
	2..	MIC HP GUARD ASSY	AWX2052		2..	MULTI CH IN ASSY	AWX2159
	2..	FAN CONNECT ASSY	AWX2055		2..	MCH BRIDGE ASSY	AWX1840
NSP	2..	VREG GUARD ASSY	AWX2053		2..	FB CONNECT ASSY	AWX1841
NSP	2..	PANEL GUARD ASSY	AWX2054		2..	CONNECT_M ASSY	AWX2162
					2..	USB RECT_M ASSY	AWX2165
					2..	BIND DM CABLE_M ASSY	AWX1846

Mark	No. Description	Part No.
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NSP	1...REG BRIDGE ASSY (SC-97)	AWR7309	A
	2..REG ASSY	AWX2152	
	2..FRONT BRIDGE ASSY	AWX1833	
	2..DISPLAY BRIDGE ASSY	AWX2155	
	2..F-IN BRIDGE ASSY	AWX2158	
	2..FB CONNECT ASSY	AWX1841	
	2..CONNECT_M ASSY	AWX2162	
	2..USB RECT_M ASSY	AWX2165	
NSP	2..BIND DM CABLE_M ASSY	AWX1846	B
	1...REG BRIDGE ASSY (SC-LX89)	AWR7307	
	2..REG ASSY	AWX2150	
	2..FRONT BRIDGE ASSY	AWX1833	
	2..DISPLAY BRIDGE ASSY	AWX2156	
	2..F-IN BRIDGE ASSY	AWX2158	
	2..MULTI CH IN ASSY	AWX2160	
	2..MCH BRIDGE ASSY	AWX1840	
NSP	2..FB CONNECT ASSY	AWX1841	C
	2..CONNECT_M ASSY	AWX2163	
	2..USB RECT_M ASSY	AWX2166	
	2..BIND DM CABLE_M ASSY	AWX1846	
	1...REG BRIDGE ASSY (SC-LX79)	AWR7310	
	2..REG ASSY	AWX2153	
	2..FRONT BRIDGE ASSY	AWX1833	
	2..DISPLAY BRIDGE ASSY	AWX2156	
	2..F-IN BRIDGE ASSY	AWX2158	D
	2..FB CONNECT ASSY	AWX1841	
	2..CONNECT_M ASSY	AWX2163	
	2..USB RECT_M ASSY	AWX2166	
	2..BIND DM CABLE_M ASSY	AWX1846	
	1...IR INTERFACE_M ASSY	AWX1776	
	1...DAC HIGH ASSY (SC-99)	AWX2063	
	1...DAC HIGH ASSY (SC-97)	AWX2067	
	1...DAC HIGH ASSY (SC-LX89)	AWX2064	E
	1...DAC HIGH ASSY (SC-LX79)	AWX2068	
	1...COMPONENT ASSY (SC-99)	AWX2105	
	1...COMPONENT ASSY (SC-97)	AWX2108	
	1...COMPONENT ASSY (SC-LX89)	AWX2106	
	1...COMPONENT ASSY (SC-LX79)	AWX2109	
	1...DIGITAL MAIN ASSY (SC-99)	AWX2013	
	2..NETWORK MODULE	AXX7293	
	1...DIGITAL MAIN ASSY (SC-97)	AWX2017	F
	2..NETWORK MODULE	AXX7293	
	1...DIGITAL MAIN ASSY (SC-LX89)	AWX2014	
	2..NETWORK MODULE	AXX7293	
	1...DIGITAL MAIN ASSY (SC-LX79)	AWX2018	
	2..NETWORK MODULE	AXX7293	
	1...FRONT HDMI USB ASSY (SC-99/SC-97)	AWX2115	
	1...FRONT HDMI USB ASSY (SC-LX89)	AWX2116	
	1...FRONT HDMI USB ASSY (SC-LX79)	AWX2118	
	1...USB DAC ASSY (SC-99)	AWX2056	
	1...USB DAC ASSY (SC-LX89)	AWX2057	

A AUDIO ASSY

AWX2076 and AWX2080 are constructed the same except for the following:

A

Mark	Symbol and Description	AWX2076	AWX2080
	Q3276 CN2510 JA2501,JA3202,JA6701 JA2503 JA2505,JA2506,JA3102	Not Used AKP7123 AKB7263 AKB7260 AKB7261	IMX25 Not Used AKB7246 AKB7259 AKB7247
	JA3101 JA3103 JA3201 R2769 C3276	AKB7262 AKB7258 AKB7264 RS1/10SR0R0J Not Used	AKB7254 AKB7248 AKB7245 Not Used CEAK220M50

B

AWX2077 and AWX2081 are constructed the same except for the following:

Mark	Symbol and Description	AWX2077	AWX2081
	CN2510 JA2501,JA3202,JA6701 JA2503 JA2505,JA2506,JA3102 JA3101	AKP7123 AKB7263 AKB7260 AKB7261 AKB7262	Not Used AKB7246 AKB7259 AKB7247 AKB7254
	JA3103 JA3201 R2670 R2769 C2609	AKB7258 AKB7264 RS1/10SR394J RS1/10SR0R0J ACH7388	AKB7248 AKB7245 Not Used Not Used CEAK220M50
	C2700 C2707,C2708,C2715,C2716 C3281	ACE7101 ACH7377 CCSRCH331J50	CCSQCH151J50 CEAK220M50 Not Used

C

B DAC HIGH ASSY

AWX2063 and AWX2067 are constructed the same except for the following:

Mark	Symbol and Description	AWX2063	AWX2067
	JA2009 C2240-C2249, C2474, C2476, C5419,C5430	AKB7235 CFHXSQ103J16	AKB7173 CKSQYB103K50

D

AWX2064 and AWX2068 are constructed the same except for the following:

Mark	Symbol and Description	AWX2064	AWX2068
	JA2009 C2116 C2125,C2126 C2230,C2231,C2233,C2234,C2238, C2239,C2415,C5433,C5434 C2240-C2249,C2474,C2476,C5419, C5430	AKB7235 ACE7105 ACH7388 ACH7377 CFHXSQ103J16	AKB7173 CCSQCH471J50 CEAK100M50 CEAK220M50 CKSQYB103K50
	C2357	ACE7105	CCSQCH331J50

E

C FRONT HDMI USB ASSY

AWX2116 and AWX2118 are constructed the same except for the following:

Mark	Symbol and Description	AWX2116	AWX2118
	C8010 C8041 C8087	Not Used Not Used VCH1286	ACH7377 CCSRCH221J50 Not Used

F

E MULTI CH IN ASSY

AWX2159 and AWX2160 are constructed the same except for the following:

Mark	Symbol and Description	AWX2159	AWX2160
	C7761,C7762,C7767,C7768,C7773, C7774,C7779,C7780,C7763,C7764, C7769,C7770,C7775,C7776,C7781, C7782	Not Used	CCSQCH101J50

F USB DAC ASSY

AWX2056 and AWX2057 are constructed the same except for the following:

Mark	Symbol and Description	AWX2056	AWX2057
	C5561	VCH1234	ACH7399

I COMPONENT ASSY

AWX2105,AWX2108,AWX2106 and AWX2109 are constructed the same except for the following:

Mark	Symbol and Description	AWX2105	AWX2108	AWX2106	AWX2109
	JA8301,JA8302 JA8304 R8310,R8312,R8314 R8311,R8313,R8315 C8383 C8525,C8526 C8527	AKB7228 AKB7228 RS1/10SR68R0F RS1/10SR3R9J CEAK101M16 CEAK471M6R3 CEAK102M6R3	AKB7227 Not Used Not Used Not Used CEAK101M16 Not Used Not Used	AKB7228 AKB7228 RS1/10SR68R0F RS1/10SR3R9J VCH1286 CEAK471M6R3 CEAK102M6R3	AKB7227 Not Used Not Used Not Used CEAK101M16 Not Used Not Used

J COMPOSITE ASSY

AWX2085 and AWX2086 are constructed the same except for the following:

Mark	Symbol and Description	AWX2085	AWX2086
	JA3601 JA3602	AKB7232 AKB7256	AKB7231 AKB7252

L DISPLAY ASSY

AWX2026 and AWX2027 are constructed the same except for the following:

Mark	Symbol and Description	AWX2026	AWX2027
	R6012	RS1/10SR101J	RS1/10SR121J

S D AMP ASSY

AWH7104 and AWH7108 are constructed the same except for the following:

Mark	Symbol and Description	AWH7104	AWH7108
	JA4101 JA4301,JA4501,JA4901,JA5101 R5191 R5195	AKE7150 AKE7149 RS1/10SR0R0J Not Used	AKE7142 AKE7141 Not Used RS1/10SR0R0J

AWH7105 and AWH7109 are constructed the same except for the following:

Mark	Symbol and Description	AWH7105	AWH7109
	JA4101 JA4301,JA4501,JA4901,JA5101 R5192 R5196	AKE7148 AKE7147 RS1/10SR0R0J Not Used	AKE7144 AKE7143 Not Used RS1/10SR0R0J

T PRIMARY ASSY

AWX2038 and AWX2039 are constructed the same except for the following:

Mark	Symbol and Description	AWX2038	AWX2039
⚠	L1	ATF7046	ATF7050
⚠	CN81	B2P3-VH	Not Used
⚠	CN82	Not Used	B3P5-VH

V REG ASSY

AWX2149,AWX2152,AWX2150 and AWX2153 are constructed the same except for the following:

A

Mark	Symbol and Description	AWX2149	AWX2152	AWX2150	AWX2153
⚠	IC7521	Not Used	NJM78M06FA	NJM78M06FA	NJM78M06FA
⚠	D7521,D7522	Not Used	1SR154-400	1SR154-400	1SR154-400
⚠	P7521,P7522	Not Used	AEK7011	AEK7011	AEK7011
	C7521	Not Used	CEAK222M25	CEAK222M25	CEAK222M25
	C7522	Not Used	CCSRCH330J50	CCSRCH330J50	CCSRCH330J50
	C7523	Not Used	CEAK221M16	CEAK221M16	CEAK221M16
	C7525,C7526	Not Used	CFTLA394J50	CFTLA394J50	CFTLA394J50

W IR REG_M ASSY

AWX2124,AWX2127,AWX2125 and AWX2128 are constructed the same except for the following:

B

Mark	Symbol and Description	AWX2124	AWX2127	AWX2125	AWX2128
	R7274	RS1/4SA102J	RS1/4SA102J	RS1/4SA112J	RS1/4SA112J

Y CONNECT_M ASSY

AWX2162 and AWX2163 are constructed the same except for the following:

Mark	Symbol and Description	AWX2162	AWX2163
	R7959	RS1/10SR330J	RS1/10SR390J

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
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C

A AUDIO ASSY (SC-99)

SEMICONDUCTORS

IC 2501	BD3473KS2
IC 2661,2702,2704	NJM4585M
IC 2701,2703	TC4066BFT
IC 3101,3201,3251	NJM4580V
Q 2701	DTC115EUA

Q 2702	DTA124EUA
Q 2971,3101,3102,3201	IMX25
⚠ Q 3001	2SD2400A
⚠ Q 3002	2SB1569A
Q 3202,3251,3252,6701	IMX25

D

⚠ Q 3901	2SC5712
D 3001,3002	DZ2J075M0
D 3902	DZ2J056M0

MISCELLANEOUS

JA 2501,3202,6701 RCA JACK	AKB7263
JA 2503 RCA JACK	AKB7260
JA 2505,2506,3102 RCA JACK	AKB7261
JA 3101 RCA JACK	AKB7262
JA 3103 RCA JACK	AKB7258

E

JA 3201 RCA JACK	AKB7264
CN2502 B TO B CONNECTOR	AKP7269
CN2503 CONNECTOR	9607S-15F
CN2510 18P SOCKET	AKP7123
CN3001 20P SOCKET	AKP7249

CN3902 CONNECTOR	9604S-09C
JP 3001 HOUSING	ADX7745

RESISTORS

R 2819	RS1/4SA180J
R 3031	RS1/8SQ475J
R 3032	RS1/8SQ182J
Other Resistors	RS1/10SR###J

F

Mark	No.	Description	Part No.
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CAPACITORS

C 2507,2508,2817,2818	CEAK101M16
C 2523,2524	CCSQCH271J50
C 2525,2526,2587,2588	CEAK220M50
C 2589,2700	CCSQCH151J50
C 2605,2606,2705,2706	CFHXSQ103J16

C 2607,2608	CCSQCH101J50
C 2609,2701,2702,2707	CEAK220M50
C 2663,2664,6701,6702	CEAK100M50
C 2665,2666	CCSRCH331J50
C 2667,2668	CCSRCH561J50

C 2669	CEAK470M25
C 2708,2715,2716,2760	CEAK220M50
C 2709-2714,2763,2764	CFHXSQ103J16
C 2812,3164	CCSRCH101J50
C 2815,2816,3103,3104	CFHXSQ103J16

C 2819	CEAK471M16
C 2971,2972,6703,6704	CCSRCH471J50
C 3001,3002	CEAK2R2M50
C 3105,3106,3205,3206	CEAK220M50
C 3161	ACE7107

C 3163	ACE7112
C 3203,3204,3253,3254	CFHXSQ103J16
C 3230	CCSQCH331J50
C 3255,3256	CEAK220M50
C 3903,3906	CEAK101M16

C 3907	CKSQYB103K50
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A AUDIO ASSY (SC-LX89)

SEMICONDUCTORS

IC 2501	BD3473KS2
IC 2661,2702,2704	NJM4585M
IC 2701,2703	TC4066BFT
IC 3101,3201,3251	NJM4580V
Q 2701	DTC115EUA

Mark	No. Description	Part No.
	Q 2702	DTA124EUA
	Q 2971,3101,3102,3201	IMX25
⚠	Q 3001	2SD2400A
⚠	Q 3002	2SB1569A
	Q 3202,3251,3252,6701	IMX25
⚠	Q 3901	2SC5712
	D 3001,3002	DZ2J075M0
	D 3902	DZ2J056M0

MISCELLANEOUS

JA 2501,3202,6701	RCA JACK	AKB7263
JA 2503	RCA JACK	AKB7260
JA 2505,2506,3102	RCA JACK	AKB7261
JA 3101	RCA JACK	AKB7262
JA 3103	RCA JACK	AKB7258
JA 3201	RCA JACK	AKB7264
CN 2502	B TO B CONNECTOR	AKP7269
CN 2503	CONNECTOR	9607S-15F
CN 2510	18P SOCKET	AKP7123
CN 3001	20P SOCKET	AKP7249
CN 3902	CONNECTOR	9604S-09C
JP 3001	HOUSING	ADX7745

RESISTORS

R 2819	RS1/4SA180J
R 3031	RS1/8SQ475J
R 3032	RS1/8SQ182J
Other Resistors	RS1/10SR###J

CAPACITORS

C 2507,2508,2817,2818	CEAK101M16
C 2523,2524	CCSQCH271J50
C 2525,2526,2587,2588	CEAK220M50
C 2589	CCSQCH151J50
C 2605,2606,2705,2706	CFHXSQ103J16
C 2607,2608	CCSQCH101J50
C 2609	ACH7388
C 2663,2664,6701,6702	CEAK100M50
C 2665,2666,3281	CCSRCH331J50
C 2667,2668	CCSRCH561J50
C 2669	CEAK470M25
C 2700	ACE7101
C 2701,2702,2760,3105	CEAK220M50
C 2707,2708,2715,2716	ACH7377
C 2709-2714,2763,2764	CFHXSQ103J16
C 2812,3164	CCSRCH101J50
C 2815,2816,3103,3104	CFHXSQ103J16
C 2819	CEAK471M16
C 2971,2972,6703,6704	CCSRCH471J50
C 3001,3002	CEAK2R2M50
C 3106,3205,3206,3255	CEAK220M50
C 3161	ACE7107
C 3163	ACE7112
C 3203,3204,3253,3254	CFHXSQ103J16
C 3230	CCSQCH331J50
C 3256	CEAK220M50
C 3903,3906	CEAK101M16
C 3907	CKSQYB103K50

Mark	No.	Description	Part No.
B		DAC HIGH ASSY (SC-99)	
		<u>SEMICONDUCTORS</u>	
⚠	IC	2002	NJM2881F33
	IC	2003	AK4118AEQ8
	IC	2006	TC74VHC08FK
	IC	2007	TC74VHC32FK
	IC	2009,2010	ES9016SD1
	IC	2011-2025,2032,2033	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	2034	NJM2845DL1-05
	IC	2035,2039,2041,2042	NJM4585M
	IC	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 CHIP SOLID INDUCTOR	QTL1013
L 2006,2008 CHIP SOLID INDUCTOR	QTL1013
L 2009,2011 CHIP SOLID INDUCTOR	QTL1013
L 2010 CHIP BEADS	VTL1129
L 2012,2016 CHIP SOLID INDUCTOR	QTL1013
JA 2002,2004 OPT IN MODULE	AKS7008
JA 2006 OPT OUT MODULE	AKS7009
JA 2009 RCA JACK	AKB7235
KN 2001-2003 SCREW PLATE	VNE1948
X 2001 CRYSTAL OSCILLATOR	ASS7124

CN 2001,2002 SOCKET(30PL)	BKP1047
CN 2003 B TO B CONNECTOR	AKP7269
CN 2004 20P SOCKET	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
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
R	2190,2191,2196,2197	RS1/8SQ103J
R	2199,2200	RS1/8SQ103J

Mark	No.	Description	Part No.
A	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
B	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
C	R	2341,2344,5229,5232	RS1/4SA272J
	R	2422-2424	RS1/16SS121J
	R	2428,5465	RS1/16SS473J
	R	2436,2462,5378,5379	RS1/8SQ184J
	R	2440-2443,5463,5472	RS1/16SS101J
	R	2446,2465,2474,5223	RS1/16SS100J
D	R	2485,2493	RS1/8SQ105J
	R	2490	RS1/8SQ242J
	R	5377,5380	RS1/8SQ154J
	R	5409-5412,5488,5489	RS1/8SQ100J
	R	5417,5418,8220,8326	RS1/16SS100J
	R	5419,5429,5430,8257	RS1/16SS0R0J
E	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
F	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

A	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	2014,2098,2106,2133	CCSQCH331J50
	C	2029,2032,2499	ACE7097
B	C	2030,2033	ACE7100
	C	2037,2050,2068	CKSSYB104K16
	C	2038	CCSSCH221J50
	C	2039,2048,2071	CKSSYB103K25
	C	2040	CEAK102M16
	C	2043	ACH7388
C	C	2045	CCSRCH180J50
	C	2046	CKSRYB474K16
	C	2047	CCSSCH470J50
	C	2051,2273	CEAK101M16
	C	2053,2058,2059,2065	CCSRCH100D50
	C	2055	CEHAZL221M10
D	C	2082,2267,2291	CKSRYB103K50
	C	2086	CCSRCH271J50
	C	2087,2089,2091,2093	CEAK470M25
	C	2088,2092,2334,5402	CEAK221M16
	C	2089,2092,2334,5402	CEAK221M16
	C	2089,2092,2334,5402	CEAK221M16

Mark	No.	Description	Part No.
A	C	2117,2118,2136,2266	CKSQYB103K50
	C	2125,2126,2316,2317	CEAK100M50
	C	2128-2131,2240-2249	CFHXSQ103J16
	C	2135,2491	ACE7105
	C	2150-2169,2358,2408	CFHXSQ101J50
	C	2190-2195,2198-2209	CCSQCH472J50
B	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	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	2281,2288,2329-2331	CFHXSQ103J16
	C	2284,2296,2318,2382	CKSQYB103K50
D	C	2290	CEHAZL470M25
	C	2299	CCSQCH5R0C50
	C	2308	CCH1814
	C	2314,2315	DCH1263
	C	2319,2320,2338,2339	CEAK100M50
	C	2322,2323,2393,2394	CCSRCH391J50
E	C	2324,2325,2395,2396	CCSRCH471J50
	C	2335,2336,2342-2344	CFHXSQ103J16
	C	2345,2348	CEAK101M35
	C	2349,2354,2397,2398	CFHXSQ103J16
	C	2350,2357,5404	CCSQCH331J50
	C	2359	CFHXSQ102J50
F	C	2362,5401	CKSQYB104K50
	C	2363	CCSQCH221J50
	C	2366-2368,2370-2375	CCSQCH471J50
	C	2386	CKSQYB103K50
	C	2388,2403	CEHAZL101M10
	C	2391,2392,2415,5433	CEAK220M50
A	C	2399,2400	CEAK100M50
	C	2409,5412,5413,5423	CFHXSQ101J50
	C	2474,2476,5419,5430	CFHXSQ103J16
	C	2485	CEAK470M25
	C	2486	ACE7106
	C	2488	CCG1321
B	C	2490,2495	ACE7101
	C	2493	ACH7396
	C	2496	CFHXSQ331J50
	C	5416,5417,5427,5428	CCSQCH472J50
	C	5418,5421,5429,5432	CCSQCH471J50
	C	5424	CFHXSQ101J50
C	C	5434	CEAK220M50
	C	5434	CEAK220M50
	C	5434	CEAK220M50
	C	5434	CEAK220M50
	C	5434	CEAK220M50
	C	5434	CEAK220M50

B DAC HIGH ASSY (SC-LX89)

SEMICONDUCTORS

⚠	IC	2002	NJM2881F33
	IC	2003	AK4118AEQ8
	IC	2006	TC74VHC08FK
	IC	2007	TC74VHC32FK
	IC	2009,2010	ES9016SD1
	IC	2011-2025,2032,2033	NJM4585M

5			7			8		
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	
	IC	2026,2038	AK4388ET	R	2313,2316,2325,2328		RS1/4SA332J	
	IC	2027	PCM1804DB	R	2317,2320,5235,5238		RS1/4SA562J	
⚠	IC	2028,2037	S-1172B12-E6	R	2321,2324,2337,2340		RS1/4SA272J	A
⚠	IC	2029,2031,2036	NJM2872BF33	R	2329,2332,2333,2336		RS1/4SA332J	
⚠	IC	2030,2040	S-1172B33-E6	R	2341,2344,5229,5232		RS1/4SA272J	
⚠	IC	2034	NJM2845DL1-05	R	2422-2424		RS1/16SS121J	
	IC	2035,2039,2041,2042	NJM4585M	R	2428,5465		RS1/16SS473J	
	IC	2051-2053	NJM4585M	R	2436,2462,5378,5379		RS1/8SQ184J	
	Q	2001,2002	HN1K02FU	R	2440-2443,5463,5472		RS1/16SS101J	
	Q	2003,2004	2SA1576A	R	2446,2465,2474,5223		RS1/16SS100J	
	Q	2005	2SC4081	R	2485,2493		RS1/8SQ105J	
	D	2004,2007	DAN202U	R	2490		RS1/8SQ242J	
	D	2005,2006	DAP202U	R	5377,5380		RS1/8SQ154J	
				R	5409-5412,5488,5489		RS1/8SQ100J	B
MISCELLANEOUS								
	L	2001,2005 CHIP SOLID INDUCTOR	QTL1013	R	5417,5418,8220,8326		RS1/16SS100J	
	L	2006,2008 CHIP SOLID INDUCTOR	QTL1013	R	5419,5429,5430,8257		RS1/16SS0R0J	
	L	2009,2011 CHIP SOLID INDUCTOR	QTL1013	R	5448		RS1/4SA2R2J	
	L	2010 CHIP BEADS	VTL1129	R	5459-5462		RS1/16SS221J	
	L	2012,2016 CHIP SOLID INDUCTOR	QTL1013	R	5473		RS1/16SS101J	
	JA	2002,2004 OPT IN MODULE	AKS7008	R	5499		RS1/4SA1R0J	
	JA	2006 OPT OUT MODULE	AKS7009	R	5500,8260,8261		RS1/4SA0R0J	
	JA	2009 RCA JACK	AKB7235	R	8231-8233,8268,8269		RS1/16SS220J	
	KN	2001-2003 SCREW PLATE	VNE1948	R	8258		RS1/16SS0R0J	
	X	2001 CRYSTAL OSCILLATOR	ASS7124	R	8281		RS1/16SS103J	
	CN	2001,2002 SOCKET(30PL)	BKP1047	R	8283,8285		RS1/8SQ0R0J	C
	CN	2003 B TO B CONNECTOR	AKP7269	R	8290,8293,8296,8299		RS1/4SA272J	
	CN	2004 20P SOCKET	AKP7249	R	8294,8295,8311,8312		RS1/4SA123J	
				R	8307,8310,8313,8316		RS1/4SA272J	
					Other Resistors		RS1/10SR###J	
RESISTORS				CAPACITORS				
	R	2003,2138-2140	RS1/16SS220J	C	2005,2006,2138,2139		CKSQYB104K50	
	R	2004,2005,2022,2028	RS1/16SS101J	C	2007,2099,2100,2102		CKSQYB103K50	
	R	2035	RS1/16SS1002F	C	2009,2021,2081,2083		CEAK221M16	
	R	2041	RS1/16SS181J	C	2011,2211,2213,2215		CCSQCH471J50	
	R	2042,2044-2046	RS1/16SS121J	C	2014,2106,2133,2350		CCSQCH331J50	
	R	2043	RS1/16SS471J					
	R	2047,2417-2419	RS1/16SS221J	C	2029,2032,2359,2499		ACE7097	D
	R	2048,2117,2134,2135	RS1/16SS101J	C	2030,2033		ACE7100	
	R	2049,2051,2052	RS1/16SS470J	C	2037,2050,2068		CKSSYB104K16	
	R	2050,2053,2421	RS1/16SS680J	C	2038		CCSSCH221J50	
	R	2054-2056,2146	RS1/16SS470J	C	2039,2048,2071		CKSSYB103K25	
	R	2058,2059	RS1/8SQ225J					
	R	2064,2122,5395,5396	RS1/16SS0R0J	C	2040		CEAK102M16	
	R	2066,2067,2073,2074	RS1/16SS100J	C	2043,2055,2125,2126		ACH7388	
	R	2077-2083,2105-2112	RS1/16SS100J	C	2045		CCSRCH180J50	
	R	2118-2121,2123,2149	RS1/16SS100J	C	2046		CKSRYB474K16	
	R	2141,2147,2148,2150	RS1/16SS101J	C	2047		CCSSCH470J50	
	R	2151,2416,2420,2425	RS1/16SS101J					
	R	2167,2168,2195,2198	RS1/8SQ0R0J	C	2051,2273		CEAK101M16	E
	R	2172,2174	RS1/4SAR47J	C	2053,2058,2059,2065		CCSRCH100D50	
	R	2173,2175,5225,5447	RS1/4SA1R0J	C	2082,2267,2291		CKSRYB103K50	
	R	2190,2191,2196,2197	RS1/8SQ103J	C	2086		CCSRCH271J50	
	R	2199,2200	RS1/8SQ103J	C	2087,2089,2091,2093		CEAK470M25	
	R	2204,2205,5407,5408	RS1/8SQ0R0J					
	R	2245,2248,2249,2252	RS1/4SA272J	C	2088,2092,2334,5402		CEAK221M16	
	R	2253,2256,2257,2260	RS1/4SA272J	C	2098,2116,2135,2357		ACE7105	
	R	2261,2264,2265,2268	RS1/4SA272J	C	2117,2118,2136,2266		CKSQYB103K50	
	R	2269,2272,2273,2276	RS1/4SA272J	C	2128-2131,2240-2249		CFHXSQ103J16	
	R	2277,2280,2281,2284	RS1/4SA272J	C	2150-2169,2408,2409		CFHXSQ101J50	
	R	2285-2304,5233,5234	RS1/4SA123J					
	R	2305,2308,2309,2312	RS1/4SA272J	C	2190-2195,2198-2209		CCSQCH472J50	F
				C	2196,2197,2412,2413		CCSQCH222J50	
				C	2217,2369,2414,2418		CCSQCH271J50	
				C	2219,2221,2223,2225		CCSQCH471J50	
				C	2227,2229,2283		CCSQCH471J50	

Mark	No.	Description	Part No.
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A

C	2230,2231,2233,2234	ACH7377
C	2238,2239,2415,5433	ACH7377
C	2268,2269,2292,2293	CKSRYB104K50
C	2270,2360,2490,2495	ACE7101
C	2274,2287,2294,2384	CEAK470M25

C	2277,2298,2352,2388	CEHAZL101M10
C	2279,2282,2311,2351	CKSQYB104K50
C	2281,2288,2329-2331	CFHXSQ103J16
C	2284,2296,2318,2382	CKSQYB103K50
C	2290,2307,2403	ACH7388

B

C	2299	CCSQCH5R0C50
C	2305,2306,2391,2392	CEAK220M50
C	2308	CCH1814
C	2314,2315	DCH1263
C	2316,2317,2319,2320	CEAK100M50

C	2322,2323,2393,2394	CCSRCH391J50
C	2324,2325,2395,2396	CCSRCH471J50
C	2335,2336,2342-2344	CFHXSQ103J16
C	2338,2339,2399,2400	CEAK100M50
C	2345,2348	CEAK101M35

C

C	2349,2354,2397,2398	CFHXSQ103J16
C	2358,2491	ACE7105
C	2362,5401	CKSQYB104K50
C	2363	CCSQCH221J50
C	2366-2368,2370-2375	CCSQCH471J50

C	2386	CKSQYB103K50
C	2474,2476,5419,5430	CFHXSQ103J16
C	2485	CEAK470M25
C	2486	ACE7106
C	2488	ACE7112

D

C	2493	ACH7396
C	2496	CFHXSQ331J50
C	5404	CCSQCH331J50
C	5412,5413,5423,5424	CFHXSQ101J50
C	5416,5417,5427,5428	CCSQCH472J50

C	5418,5421,5429,5432	CCSQCH471J50
C	5434	ACH7377

Mark	No.	Description	Part No.
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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	ACH7388
C	8051	CCSQCH331J50
C	8053	CCSRCH100D50
C	8079	CCSRCH120J50

C FRONT HDMI USB ASSY (SC-LX89)

SEMICONDUCTORS

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

MISCELLANEOUS

L	8001,8002 CHIP BEADS	ATL7010
L	8003 CHOKE COIL	CTH1446
F	8001 EMI FILTER	DTL1106
JA	8001 USB JACK	DKN1658
JA	8002 HDMI JACK	AKP7286

JA	8003 HDMI JACK	AKP7280
KN	8001,8002 EARTH TERMINAL	AKF7002
CN	8002 5P CONNECTOR	VKN1374
JH	8002 PCB BINDER	AEF7008
JP	8001 HOUSING	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	8012,8017	CKSQYB103K50
C	8014,8031	CCSRCH331J50

C FRONT HDMI USB ASSY (SC-99)

SEMICONDUCTORS

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

MISCELLANEOUS

L	8001,8002 CHIP BEADS	ATL7010
L	8003 CHOKE COIL	CTH1446
F	8001 EMI FILTER	DTL1106
JA	8001 USB JACK	DKN1658
JA	8002 HDMI JACK	AKP7286

JA	8003 HDMI JACK	AKP7280
KN	8001,8002 EARTH TERMINAL	AKF7002
CN	8002 5P CONNECTOR	VKN1374
JH	8002 PCB BINDER	AEF7008
JP	8001 HOUSING	ADX7760

RESISTORS

R	8005,8052,8053	RS1/8SQ0R0J
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Mark	No.	Description	Part No.
	C	8029,8037,8038	CKSRYB104K50
	C	8030	CKSRYB103K50
	C	8033,8044,8045	CCG1236
	C	8035	CCSRCH390J50
	C	8039	CCSRCH222J50
	C	8048	ACH7388
	C	8051	CCSQCH331J50
	C	8053	CCSRCH100D50
	C	8079	CCSRCH120J50
	C	8086	CCH1814
	C	8087	VCH1286

D USB RECT_M ASSY (SC-99,SC-LX89)

MISCELLANEOUS

⚠	D	3651	D5SBA60
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MISCELLANEOUS

H	3651,3652	FUSE CLIP	AKR1004
KN	3651	EARTH TERMINAL	AKF7002
CN	3651	3P TOP POST	B3B-EH
CN	3652	2P TOP POST	B2B-EH
JH	3652	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	3665,3666	CEAK472M16

E MULTI CH IN ASSY (SC-99,SC-LX89)

MISCELLANEOUS

JA	7761,7762	RCA JACK	AKB7263
KN	7761	SCREW PLATE	VNE1948
CN	7761	18P SOCKET	AKP7123

RESISTORS

All Resistors		RS1/10SR###J
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CAPACITORS

C	7765,7766,7771,7772	CEAK220M50
C	7777,7778,7783,7784	CEAK220M50

F USB DAC ASSY (SC-99)

SEMICONDUCTORS

	IC	5503	CM6631A
	IC	5512	AYW7396
	Q	5505,5670	2SA1576A
	Q	5506	HN1K02FU
	Q	5621	2SC4081
⚠	Q	5622	RTQ040P02
	D	5670	1SS355

MISCELLANEOUS

L	5505	CHIP BEADS	VTL1128
L	5509	CHIP BEADS	ATL7010
L	5510,5511,5520,5521	CHIP BEADS	VTL1129
JA	5501	USB CONNECTOR	DKN1237

Mark	No.	Description	Part No.
	KN	5501	SCREW PLATE
	X	5501	CRYSTAL TRANSDUCER
	X	5502	CRYSTAL OSCILLATOR
	X	5503	CRYSTAL OSCILLATOR
	CN	5501	B TO B 17PIN PLUG

RESISTORS

R	5509	CCSRCH120J50
R	5601	RS1/16SS1202F
R	5626	RS1/8SQ104J
R	5630-5635	RAB4CQ220J
R	5707	RS1/8SQ0R0J

Other Resistors

RS1/16SS###J

CAPACITORS

C	5503	RS1/16SS105J
C	5521,5567,5666,5677	CKSSYB103K25
C	5552,5582,5584,5665	CCSSCH101J50
C	5559,5560	CCSSCH5R0C50
C	5561	VCH1234

C	5562	CCSSCH330J50
C	5568	DCH1246
C	5572,5575	CCG1222
C	5573,5576,5583,5623	CKSSYB104K16
C	5574,5577	CCSSCH390J50

C	5578,5579	CCSSCH471J50
C	5580,5621	CCSSCH331J50
C	5581	CCSSCH470J50
C	5625,5648,5675,5676	CKSSYB104K16
C	5639	CKSRYB474K16

C	5649	DCH1263
C	5678,5690	CKSSYB103K25

G DIGITAL MAIN ASSY (SC-99)

SEMICONDUCTORS

IC	101	R5S726B0D216FP
IC	102,9001,9702	A3V64S40GTP-60
IC	102,9001,9702	M12L64164A-5TG2Y
IC	103	AYW7422
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	615,1512	TC7SZ126FUS1
IC	901,903	74LCX541FT

IC 909	ADV7181CBSTZ
IC 1204	88DE2750
IC 1212	M14D51216322R5BG2K
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

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

A



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

IC 9002 CS49844A
 IC 9005 74VHC4040FT
 IC 9006,9101 TC74VHC157FK
 IC 9202 AYW7424
 IC 9206 H337S3959

B



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

C



IC 9514,9515,9523 MIC94325YMT
 IC 9602 SII9589CTUC-3
 IC 9603 BD82065FVJ
 IC 9703 D808K013DPTP456
 Q 601,701,1501,9603 DTC124EUA

Q 906-908,1001,1506 2SA1576A
 Q 909-911 2SC4081
 Q 912 HN1K02FU
 Q 1502-1505,1508,1509 DTA124EUA
 Q 9001,9606,9608,9610 DTC114YUA

Q 9607,9609,9611 DTC124EUA
 D 601 RB501VM-40

MISCELLANEOUS

D

L 102,103,105,106 CHIP BEADS VTL1129
 L 321,341,361,603 CHIP BEADS VTL1129
 L 342,9007,9704 RESISTOR RS1/16SS0R0J
 L 453,9410 INDUCTOR ATH7107
 L 454,455,457-459 CHIP BEADS ATL7010

E

L 475,476,918,1210 CHIP BEADS ATL7010
 L 604 RESISTOR RS1/16SS100J
 L 606,608,609,902 CHIP BEADS VTL1129
 L 907,917,919,1208 CHIP BEADS VTL1129
 L 921 INDUCTOR CTF1547

F

L 922-924 INDUCTOR ATL7033
 L 925-927 INDUCTOR ATL7035
 L 1151-1154,1609-1612 CHOKE COIL ATH7099
 L 1155,1618,1642 FERRITE BEAD CTF1528
 L 1209,1501-1503 CHIP BEADS VTL1129

L 1211,1601,9002,9003 CHIP BEADS ATL7010
 L 1505-1508,1515,1521 CHIP BEADS VTL1129
 L 1510,9004,9703,9705 CHIP BEADS VTL1128
 L 1602,1604,1619-1621 CHIP BEADS VTL1129
 L 1617 CHIP BEADS VTL1126

L 1638-1641,9215,9216 CHOKE COIL ATH7099
 L 1801,1806-1808,1810 CHIP BEADS VTL1129
 L 1815,9005,9009,9101 CHIP BEADS VTL1129
 L 9203-9206,9402,9406 CHIP BEADS ATL7010
 L 9211,9219,9861 CHIP BEADS VTL1129

L 9217 FILTER CTF1703
 L 9408,9411,9412,9502 CHIP BEADS ATL7010
 L 9505,9510-9513,9610 CHIP BEADS ATL7010
 L 9612,9702 CHIP BEADS ATL7010
 L 9701 RESISTOR RS1/8SQ0R0J

F 1603,1605-1608,1613 EMI FILTER DTL1106
 F 1614,1622-1625 EMI FILTER DTL1106
 JA 1601-1603,9601-9607 HDMI JACK AKP7286
 JA 9202 RJ45 CONNECTOR AKN7115
 JA 9620 HDMI JACK AKP7286

KN 602,9402,9403 SCREW PLATE VNE1948
 KN 9201 EARTH TERMINAL/VRT ANG7840
 X 101 CRYSTAL TRANSDUCER ASS7120
 X 602 CRYSTAL RESONATOR ASS7126
 X 902 CRYSTAL ASS7111

X 1201 CRYSTAL ASS7114
 X 1501 CRYSTAL OSCILLATOR ASS7102
 X 1502 CRYSTAL OSCILLATOR ASS7101
 X 1601,1602 CRYSTAL OSCILLATOR ASS7123
 X 9001 CRYSTAL(24MHZ) DSS1203

CN 601 39P CONNECTOR VKN2098
 CN 602 B TO B CONNECTOR AKN7155
 CN 603 B TO B CONNECTOR AKN7152
 CN 901 B TO B 23PIN JACK AKN7073
 CN 1502 24P SOCKET AKP7251

CN 1984 B TO B 17PIN JACK AKN7070
 CN 9202 CONNECTOR AKM1276
 CN 9203,9204 B TO B CONNECTOR AKM7235
 CN 9501 CONNECTOR B7B-EH
 CN 9502 CONNECTOR AKM1274

CN 9701,9702 SOCKET(30PL) BKP1047
 JH 9501,9502 PCB BINDER AEF7008

RESISTORS

R 101-104,108-110 RAB4CQ101J
 R 117-120,1735,9016 RAB4CQ220J
 R 124,132-135,189 RAB4CQ223J
 R 269,338,1115 RS1/10SR0R0J
 R 335 RS1/10SR470J

R 400,9444 RS1/16SS6800F
 R 401 RS1/16SS4701F
 R 408 RS1/16SS2202F
 R 453 RS1/16SS3002F
 R 455,457,459 RS1/16SS4022F

R 456 RS1/16SS2702F
 R 458 RS1/16SS1272F
 R 460,9437,9573 RS1/16SS2401F
 R 469,9406,9469 RS1/16SS8202F
 R 470,9470 RS1/16SS7501F

R 471 RS1/16SS3301F
 R 477,478,789,1203 RS1/8SQ0R0J
 R 480-483,9418,9447 RS1/8SQ105J
 R 511,1159,1613,1661 RS1/16SS1003F
 R 608,609,1725,1726 RAB4CQ100J

R 611-614,913,914 RAB4CQ101J
 R 902-904,921 RAB4CQ0R0J
 R 907,909,1201,1202 RAB4CQ473J
 R 910,911,1041,1049 RAB4CQ330J
 R 1004,1100-1105 RS1/16SS4700F

R 1005 RS1/16SS5100F

5			6			7			8		
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.		Mark	No.	Description
R	1047,1048,1608,1611		RAB4CQ680J	C	176,492,624,648		CCSSCH470J50				
R	1160,1614,1662,9572		RS1/16SS6201F	C	180,665,666		CCSSCH7R0D50				
R	1205,1207,1215,1242		RAB4CQ330J	C	192,406,498,572		CCSSCH330J50				
R	1208,1243,1244,1343		RAB4CQ473J								A
R	1235		RAB4CQ472J	C	201,649,699,734		CCSSCH221J50				
R	1245,1248,1249,1339		RAB4CQ330J	C	207,213,217,218		CKSSYB103K25				
R	1277,1284,1288,1289		RAB4CQ151J	C	212,219,363,619		CCSSCH101J50				
R	1291		RAB4CQ151J	C	221,223,342,362		CKSSYB103K25				
R	1342,1365,9007-9010		RAB4CQ330J	C	222,321,341		CCSSCH100D50				
R	1345-1348,1464		RAB4CQ473J	C	343,9101		CCSSCH820J50				
R	1451-1453,1458-1460		RS1/10SR0R0J	C	405,407,9408,9433		CCG1222				
R	1454-1457,1704,1705		RS1/8SQ0R0J	C	412,9022,9115		CCSRCH100D50				
R	1615,1616,1622,1625		RAB4CQ680J	C	417,9634		ACG7114				
R	1677,1679,1680,1687		RAB4CQ470J	C	421,424,473,474		RS1/8SQ105J				
R	1690		RAB4CQ470J	C	423,9425		CCSQCH330J50				B
R	1710,9205-9207,9401		RS1/8SQ0R0J	C	451,656		CCSSCH680J50				
R	1711,1712,9208,9209		RS1/10SR0R0J	C	453,499,714,1025		CEVW101M16				
R	1723,1724,1728,1729		RAB4CQ680J	C	455,495,496		CCG1332				
R	1730,1731,9171,9804		RAB4CQ100J	C	456,459,1207,1358		CEVW221M4				
R	1733,9011,9012,9018		RAB4CQ680J	C	457,623,1379,1506		CCSSCH560J50				
R	9017,9024,9031,9761		RAB4CQ220J	C	460-462		CKSRYB473K50				
R	9019,9756,9757,9763		RAB4CQ680J	C	463,464,483,612		CKSSYB103K25				
R	9043,9050,9149,9785		RAB4CQ101J	C	465,1104-1106,1457		CCSSCH4R0C50				
R	9265,9266,9752-9755		RAB4CQ330J	C	467,1095-1100,1359		CCSSCH5R0C50				
R	9404		RS1/16SS1002F	C	476		CCSQCH100D50				C
R	9408		RS1/16SS8201F	C	477,479,9441,9538		CCSRCH222J50				
R	9431		ATL7010	C	481,9302,9504		CKSSYB223K16				
R	9443		RS1/16SS2200F	C	482,9641		CKSSYB473K16				
R	9449,9805		RS1/10SR0R0J	C	484-486,506-508		CCG1236				
R	9466		RS1/16SS1201F	C	487		CCSRCH102J50				
R	9485		RS1/8SQ225J	C	489-491,604,608		CCSSCH100D50				
R	9513,9606,9609		RS1/8SQ0R0J	C	601,1208,1638,1764		ACH7399				
R	9515		RS1/8SQ475J	C	602,1355,1427,1610		VCH1234				
R	9525		RS1/4SA105J	C	613,647,1461		CCSSCH151J50				
R	9530,9567,9591,9641		RS1/8SQ105J	C	616,618,628,633		CKSSYB103K25				
R	9571		RS1/16SS1301F	C	617,625,626,638		CKSSYB104K16				D
R	9596		RS1/16SS1802F	C	621,679,904,1206		CCSSCH220J50				
R	9762,9766,9770		RAB4CQ220J	C	627,639,650,659		CCSSCH101J50				
R	9764,9781		RAB4CQ680J	C	634,640,737,740		CCSSCH100D50				
R	9806		RS1/4SA0R0J	C	636,644,653,664		CKSSYB103K25				
Other Resistors			RS1/16SS###J	C	641,642,645,662		CKSSYB104K16				
CAPACITORS				C	660,669,671,682		CCSSCH101J50				
C	101,104,107,116		CEVW101M16	C	661,663,678,753		CCSSCH330J50				
C	105,157,193,206		CCSSCH100D50	C	667,670,680,685		CKSSYB103K25				
C	109,148,186,187		CCSSCH8R0D50	C	675,962,964,1032		CKSSYB104K16				
C	117,119,126,162		CCSSCH101J50	C	690,697,705,708		CCSSCH101J50				
C	118,1229,1549,1721		DCH1246	C	713,739,741,1479		CCSSCH8R0D50				E
C	120,124,130,133		CKSSYB103K25	C	717,718,743,744		CCSSCH470J50				
C	122,127,136,137		CKSSYB104K16	C	735,749,751,752		CCSSCH101J50				
C	129,160,511,538		CCSSCH270J50	C	742,745,746,755		CCSSCH100D50				
C	132,196,1468,1771		CCSSCH120J50	C	748,750,1040,1244		CCSSCH221J50				
C	138,146,153,155		CKSSYB103K25	C	756,1076,1511,1550		CCSSCH330J50				
C	150,152,159,166		CKSSYB104K16	C	757,9007,9750		RS1/16SS105J				
C	151,454,1570,9061		CCSSCH390J50	C	902,910,1027,1033		CCSSCH101J50				
C	154,194,361,554		CCSSCH220J50	C	903,909,1010,1034		CKSSYB103K25				
C	156,961,1035,1069		CCSSCH471J50	C	908,1647,1651,1663		CCSSCH470J50				
C	158,163,178,205		CKSSYB103K25	C	1001,1089-1091,9694		DCH1201				
C	165,1204,1313,1326		CCSSCH150J50	C	1024,1107-1109,1720		CCSSCH180J50				F
C	171,208,216,322		CKSSYB104K16	C	1028,1036,1274,1390		CCSSCH270J50				
				C	1031,1042,1064,1075		CEVW101M16				

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

A

C 1037,1046,1070,1251
C 1038,1043,1045,1047
C 1044
C 1048,1060,1063,1065

CCSSCH331J50
CKSSYB103K25
CKSSYB823K10
DCH1263

C 1633,1695,1696,1714
C 1642,1649,1662,1667
C 1652,1665,1669,1679
C 1654,9501
C 1655,1784,9005,9029

CCG1325
CKSSYB104K16
CKSSYB103K25
ACH7306
CEVW221M4

C 1049,1252
C 1050-1052,1055,1057
C 1054,1056,1224,1236
C 1059,1061,1067,1068
C 1062,1088,1246,1286

CCSSCH102J50
CKSSYB104K16
CKSSYB103K25
CKSSYB104K16
CCSSCH100D50

C 1659,1694,1766,1775
C 1670,1731,1835,1855
C 1673,1683,1710,1742
C 1681,1684,1685,1689
C 1691,1699,1703,1706

CCSSCH150J50
CCSSCH221J50
CKSSYB104K16
CKSSYB103K25
CKSSYB103K25

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B

C 1071,1072,1092-1094
C 1074,1205,1352
C 1079,1084,1215,1231
C 1101-1103,1333,1478
C 1110-1112,1213,1240

CKSSYB104K16
DCH1263
CCSSCH101J50
CCSSCH7R0D50
CKSSYB104K16

C 1692,1711,1768,9003
C 1702,1739,1754,1777
C 1704
C 1705
C 1713,1718,1735-1737

CCSSCH220J50
CCSSCH100D50
VCG1072
CCSRCH272J50
CKSSYB103K25

C 1113,1357,1660,1763
C 1153,1606,1611,1626
C 1155,1621,1693,9250
C 1203,1230,1349,1656
C 1210

CEVW101M16
VCG1072
CKSRYP103K50
CKSQYB105K25
ACG7118

C 1717,1741,1749,1789
C 1725,1727,1728,1744
C 1738,9015,9056,9085
C 1750,1753,1756,1770
C 1751,1755,1757,1774

CCSSCH101J50
DCH1246
CCSSCH470J50
CKSSYB104K16
CKSSYB103K25

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C

C 1220,1248,1278,1360
C 1228,9403,9405
C 1238,1267,1270,1276
C 1254,1289,1297,1343
C 1256,1268,1322,1339

CCSSCH220J50
ACG7113
CKSSYB103K25
CKSSYB104K16
CCSSCH101J50

C 1752,1767,9231,9629
C 1765,1935,9458,9466
C 1769,1773,1783,9455
C 1772,9044,9054,9099
C 1776,1778,1790,1793

CCSSCH180J50
CEVW101M16
CKSQYB105K25
CCSSCH330J50
CKSSYB103K25

C 1285,1305,1319,1325
C 1299,1324,1388,1488
C 1311,1323,1346,1381
C 1334,1380,1426,1453
C 1353,9226,9228,9230

CKSSYB103K25
CCSSCH221J50
CCSSCH331J50
CKSSYB103K25
RS1/8SQ105J

C 1779,1788,1791,1797
C 1785
C 1794
C 1795,9783
C 1798,1801,1828,1845

CKSSYB104K16
CCSSCH4R0C50
CCSSCH9R0D50
CCSSCH8R0D50
CKSSYB103K25

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D

C 1361,1410,1411,1485
C 1384,1409,1455,1466
C 1393,1648,1671,1680
C 1395,1559,1561,1631
C 1398,1451,1470,1569

CCSSCH100D50
CKSSYB104K16
CCSSCH220J50
CCSSCH150J50
CCSSCH331J50

C 1799,1983,1989,9009
C 1803,1846,9019,9024
C 1822,9218,9701,9731
C 1834,1854,1932,9014
C 1839

CCSSCH100D50
CCSSCH101J50
CCSSCH150J50
CKSSYB104K16
CKSRYP105K16

C 1425,1456,1460,1471
C 1454,1458,1459,1462
C 1464,1513,1734,1748
C 1467,1490,1568,1625
C 1474,1480,1518,1548

CCSSCH101J50
CKSSYB103K25
CCSSCH471J50
CKSSYB104K16
CCSSCH101J50

C 1934,9532
C 9002,9233,9249,9315
C 9004,9314
C 9011,9013,9016,9021
C 9020,9034,9037,9041

CFHXSQ103J16
CCSSCH7R0D50
ACH7399
CKSSYB103K25
CCSSCH100D50

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C 1475,1477,1484,1486
C 1482
C 1487,1592
C 1489,1536,1560,1650
C 1502,1537,1557,1565

CKSSYB103K25
CCH1814
CCSSCH271J50
CCSSCH221J50
CCSSCH100D50

C 9023,9025,9031,9042
C 9026,9032,9039,9046
C 9028,9035,9040,9043
C 9030
C 9038

CKSSYB104K16
CCSSCH101J50
CKSSYB103K25
ACG7115
CFHXSQR182J16

E

C 1505,1522,1529,1535
C 1509,9545,9546
C 1551,1556,1567,1593
C 1553,9027,9636,9770
C 1555,1620,1664,1743

CKSSYB103K25
CEAK102M16
CKSSYB103K25
CCSSCH270J50
CCSSCH330J50

C 9048,9052,9063,9069
C 9049,9055,9301,9599
C 9051,9058,9066,9088
C 9053,9057,9064,9083
C 9065,9074,9096,9103

CKSSYB103K25
CCSSCH220J50
CKSSYB104K16
CCSSCH101J50
CCSSCH100D50

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C 1562,1609,1637,1716
C 1566,1836
C 1584,1585,1645,1677
C 1586,1587,1653,1708
C 1595,1602,1624,1646

CCSSCH4R0C50
CEVW470M6R3
CCSSCH100D50
CCSSCH101J50
CKSSYB103K25

C 9075,9332,9529,9799
C 9084,9089,9093,9094
C 9098,9102,9333,9409
C 9118,9213
C 9126,9229,9313,9402

CKSRYP104K50
CKSSYB103K25
CKSSYB103K25
ACE7113
CCSSCH100D50

F

C 1601,1617,1618,1630
C 1604,1644,1690,1816
C 1614,1615,1781,1796
C 1623,1780,9606,9608
C 1627,1666,1688,1700

CEVW221M4
CCSSCH5R0C50
CCSSCH7R0D50
CCSSCH331J50
ACG7115

C 9227,9338,9434,9454
C 9232,9436,9450,9499
C 9234,9418,9557
C 9235,9647,9758,9784
C 9246,9311

CCSSCH101J50
CEVW221M4
RS1/8SQ105J
CCSSCH470J50
CEVW471M10

Mark	No.	Description	Part No.
	C	9822	CCSSCH470J50
	C	9861	CCSSCH220J50
	C	9862	CKSSYB104K16
	C	9910,9912	DCH1246
 DIGITAL MAIN ASSY (SC-97) SEMICONDUCTORS			
	IC	101	R5S726B0D216FP
	IC	102,9001,9702	M12L64164A-5TG2Y
	IC	102,9001,9702	A3V64S40GTP-60
	IC	103	AYW7422
	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	615,1512	TC7SZ126FUS1
	IC	901,903	74LCX541FT
	IC	909	ADV7181CBSTZ
	IC	1204	88DE2750
	IC	1212	K4T51163QQ-BCE7
⚠	IC	1212	M14D51216322R5BG2H
	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	9005	74VHC4040FT
	IC	9006,9101	TC74VHC157FK
	IC	9202	AYW7424
	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	SIH9589CTUC-3
⚠	IC	9603	BD82065FVJ
	IC	9703	D808K013DPTP456
	Q	601,701,1501,9603	DTC124EUA
	Q	906-908 1001 1506	2SA1576A

G DIGITAL MAIN ASSY (SC-97)
SEMICONDUCTORS

Mark No. Description**Part No.**

Q 909-911
Q 912
Q 1502-1505,1508,1509
Q 9001,9606,9608,9610

2SC4081
HN1K02FU
DTA124EUA
DTC114YUA

Q 9607,9609,9611
D 601

DTC124EUA
RB501VM-40

Mark No. Description**Part No.**

CN9202 CONNECTOR
CN9203,9204 B TO B CONNECTOR
CN9501 CONNECTOR

AKM1276
AKM7235
B7B-EH

CN9502 CONNECTOR
CN9701,9702 SOCKET(30PL)
JH 9501,9502 PCB BINDER

AKM1274
BKP1047
AEF7008

MISCELLANEOUS

L 102,103,105,106 CHIP BEADS VTL1129
L 321,341,361,603 CHIP BEADS VTL1129
L 342,9007,9704 RESISTOR RS1/16SS0R0J
L 454,455,457-459 CHIP BEADS ATL7010
L 461 SMD SPL INDUCTOR ATH7108

L 462,9417 SMD SPL INDUCTOR ATH7110
L 463,9520 SMD SPL INDUCTOR ATH7109
L 475,476,918,1210 CHIP BEADS ATL7010
L 604,609 RESISTOR RS1/16SS100J
L 606,608,902,907 CHIP BEADS VTL1129

L 917,919,1208,1209 CHIP BEADS VTL1129
L 921 INDUCTOR CTF1547
L 922-924 INDUCTOR ATL7033
L 925-927 INDUCTOR ATL7035
L 1151-1154,1609-1612 CHOKE COIL ATH7099

L 1155,1618,1642 FERRITE BEAD CTF1528
L 1211,1601,9002,9003 CHIP BEADS ATL7010
L 1501-1503,1505-1508 CHIP BEADS VTL1129
L 1510,9004,9703,9705 CHIP BEADS VTL1128
L 1515,1521,1602,1604 CHIP BEADS VTL1129

L 1617 CHIP BEADS VTL1126
L 1619-1621,1801 CHIP BEADS VTL1129
L 1638-1641,9215,9216 CHOKE COIL ATH7099
L 1806-1808,1810,1815 CHIP BEADS VTL1129
L 9005,9009,9101,9211 CHIP BEADS VTL1129

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

L 9612,9701,9702 CHIP BEADS ATL7010
F 1603,1605-1608,1613 EMI FILTER DTL1106
F 1614,1622-1625 EMI FILTER DTL1106
JA 1601-1603,9601-9607 HDMI JACK AKP7286
JA 9202 RJ45 CONNECTOR AKN7115

JA 9620 HDMI JACK AKP7286
KN602,9402,9403 SCREW PLATE VNE1948
KN9201 EARTH TERMINAL/VRT ANG7840
X 101 CRYSTAL TRANSDUCER ASS7120
X 602 CRYSTAL RESONATOR ASS7126

X 902 CRYSTAL ASS7111
X 1201 CRYSTAL ASS7114
X 1501 CRYSTAL OSCILLATOR ASS7102
X 1502 CRYSTAL OSCILLATOR ASS7101
X 1601,1602 CRYSTAL OSCILLATOR ASS7123

X 9001 CRYSTAL(24MHZ) DSS1203
CN601 39P CONNECTOR VKN2098
CN602 B TO B CONNECTOR AKN7155
CN603 B TO B CONNECTOR AKN7152
CN901 B TO B 23PIN JACK AKN7073

CN1502 24P SOCKET AKP7251
CN1984 B TO B 17PIN JACK AKN7070

RESISTORS

R 101-104,108-110
R 117-120,1735,9016
R 124,132-135,189
R 269,338,1115
R 335

RAB4CQ101J
RAB4CQ220J
RAB4CQ223J
RS1/10SR0R0J
RS1/10SR470J

R 400,9444
R 401
R 408
R 453
R 455,457,459

RS1/16SS6800F
RS1/16SS4701F
RS1/16SS2202F
RS1/16SS3002F
RS1/16SS4022F

R 456
R 458
R 460,9437,9573
R 469,9406,9469
R 470,9470

RS1/16SS2702F
RS1/16SS1272F
RS1/16SS2401F
RS1/16SS8202F
RS1/16SS7501F

R 471
R 477,478,789,1203
R 480-483,9418,9447
R 511,1159,1613,1661
R 608,609,1725,1726

RS1/16SS3301F
RS1/8SQ0R0J
RS1/8SQ105J
RS1/16SS1003F
RAB4CQ100J

R 611-614,913,914
R 902-904,921
R 907,909,1201,1202
R 910,911,1041,1049
R 1004,1100-1105

RAB4CQ101J
RAB4CQ0R0J
RAB4CQ473J
RAB4CQ330J
RS1/16SS4700F

R 1005
R 1047,1048,1608,1611
R 1160,1614,1662,9572
R 1205,1207,1215,1242
R 1208,1243,1244,1343

RS1/16SS5100F
RAB4CQ680J
RS1/16SS6201F
RAB4CQ330J
RAB4CQ473J

R 1235
R 1245,1248,1249,1339
R 1277,1284,1288,1289
R 1291
R 1342,1365,9007-9010

RAB4CQ472J
RAB4CQ330J
RAB4CQ151J
RAB4CQ151J
RAB4CQ330J

R 1345-1348,1464
R 1451-1453,1458-1460
R 1454-1457,1704,1705
R 1615,1616,1622,1625
R 1677,1679,1680,1687

RAB4CQ473J
RS1/10SR0R0J
RS1/8SQ0R0J
RAB4CQ680J
RAB4CQ470J

R 1690
R 1710,9205-9207,9401
R 1711,1712,9208,9209
R 1723,1724,1728,1729
R 1730,1731,9171,9804

RAB4CQ470J
RS1/8SQ0R0J
RS1/10SR0R0J
RAB4CQ680J
RAB4CQ100J

R 1733,9011,9012,9018
R 9017,9024,9031,9761
R 9019,9756,9757,9763
R 9043,9050,9149,9785
R 9265,9266,9752-9755

RAB4CQ680J
RAB4CQ220J
RAB4CQ680J
RAB4CQ101J
RAB4CQ330J

R 9404
R 9408

RS1/16SS1002F
RS1/16SS8201F

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	R	9431	ATL7010		C	487	CCSRCH102J50
	R	9443	RS1/16SS2200F		C	489-491,604,608	CCSSCH100D50
	R	9449,9805	RS1/10SR0R0J				
	R	9466	RS1/16SS1201F		C	612,618,620,631	CKSSYB103K25
	R	9485	RS1/8SQ225J		C	613,647,1461	CCSSCH151J50
	R	9513,9606,9609	RS1/8SQ0R0J		C	617,625,626,638	CKSSYB104K16
	R	9515	RS1/8SQ475J		C	621,679,904,1206	CCSSCH220J50
	R	9525	RS1/4SA105J		C	623,1379,1506	CCSSCH560J50
	R	9530,9567,9591,9641	RS1/8SQ105J		C	627,639,650,659	CCSSCH101J50
	R	9571	RS1/16SS1301F		C	633,636,644,653	CKSSYB103K25
	R	9596	RS1/16SS1802F		C	634,640,737,740	CCSSCH100D50
	R	9762,9766,9770	RAB4CQ220J		C	641,642,645,662	CKSSYB104K16
	R	9764,9781	RAB4CQ680J		C	656	CCSSCH680J50
	R	9806	RS1/4SA0R0J		C	660,671,682,690	CCSSCH101J50
	Other Resistors	RS1/16SS###J			C	661,663,678,753	CCSSCH330J50
					C	664,669,670,680	CKSSYB103K25
					C	675,962,964,1032	CKSSYB104K16
					C	685,903,909,1010	CKSSYB103K25
CAPACITORS							
	C	101,116,499,714	CEVW101M16				
	C	104,107,453,456	ACH7399		C	697,705,708,735	CCSSCH101J50
	C	105,157,193,206	CCSSCH100D50		C	713,739,741,1479	CCSSCH8R0D50
	C	109,148,186,187	CCSSCH8R0D50		C	717,718,743,744	CCSSCH470J50
	C	117,119,126,162	CCSSCH101J50		C	742,745,746,755	CCSSCH100D50
					C	748,750,1040,1244	CCSSCH221J50
	C	118,1229,1549,1721	DCH1246				
	C	120,121,124,130	CKSSYB103K25		C	749,751,752,902	CCSSCH101J50
	C	122,136,137,150	CKSSYB104K16		C	756,1076,1511,1550	CCSSCH330J50
	C	129,160,511,538	CCSSCH270J50		C	757,9007,9750	RS1/16SS105J
	C	132,196,1468,9726	CCSSCH120J50		C	908,1647,1651,1663	CCSSCH470J50
					C	910,1027,1033,1079	CCSSCH101J50
	C	133,138,144,146	CKSSYB103K25				
	C	151,1570,9061	CCSSCH390J50		C	1001,1089-1091,9694	DCH1201
	C	152,159,166,170	CKSSYB104K16		C	1024,1107-1109,1720	CCSSCH180J50
	C	153,155,158,161	CKSSYB103K25		C	1025,1042,1064,1075	CEVW101M16
	C	154,194,361,554	CCSSCH220J50		C	1028,1036,1274,1390	CCSSCH270J50
					C	1031,1358,9635	VCH1234
	C	156,961,1035,1069	CCSSCH471J50				
	C	163,178,205,213	CKSSYB103K25		C	1034,1038,1043,1045	CKSSYB103K25
	C	165,1313,1326,1395	CCSSCH150J50		C	1037,1046,1070,1251	CCSSCH331J50
	C	176,492,624,648	CCSSCH470J50		C	1044	CKSSYB823K10
	C	180,665,666	CCSSCH7R0D50		C	1047,1054,1056,1224	CKSSYB103K25
					C	1048,1060,1063,1065	DCH1263
	C	192,406,498,572	CCSSCH330J50				
	C	201,649,699,734	CCSSCH221J50		C	1049,1252	CCSSCH102J50
	C	208,211,215,322	CKSSYB104K16		C	1050-1052,1055,1057	CKSSYB104K16
	C	212,219,363,619	CCSSCH101J50		C	1059,1061,1067,1068	CKSSYB104K16
	C	217,221,223,342	CKSSYB103K25		C	1062,1088,1246,1286	CCSSCH100D50
					C	1071,1072,1092-1094	CKSSYB104K16
	C	222,321,341	CCSSCH100D50				
	C	343,9101	CCSSCH820J50		C	1074	DCH1263
	C	344,435,446,614	CCH1814		C	1084,1215,1231,1256	CCSSCH101J50
	C	362,463,464,483	CKSSYB103K25		C	1101-1103,1333,1478	CCSSCH7R0D50
	C	405,407,9433,9435	CCG1222		C	1110-1112,1213,1240	CKSSYB104K16
					C	1113,1357,1660,1763	CEVW101M16
	C	412,9022,9115	CCSRCH100D50				
	C	417,9488,9634	ACG7114		C	1155,1621,1693,9250	CKSRYP103K50
	C	421,424,473,474	RS1/8SQ105J		C	1203,1228,1230,9403	ACG7113
	C	423,9425	CCSQCH330J50		C	1205,1352,1627,1666	ACG7115
	C	459,601,602,1207	ACH7399		C	1208,1355,1427,1601	ACH7399
					C	1210	ACG7118
	C	460-462	CKSRYP473K50				
	C	465,1104-1106,1457	CCSSCH4R0C50		C	1220,1248,1278,1360	CCSSCH220J50
	C	467,1095-1100,1359	CCSSCH5R0C50		C	1236,1238,1267,1270	CKSSYB103K25
	C	476,1153,1704	ACE7100		C	1254,1289,1297,1343	CKSSYB104K16
	C	477,479,9441,9538	CCSRCH222J50		C	1268,1322,1339,1425	CCSSCH101J50
					C	1276,1285,1305,1319	CKSSYB103K25
	C	481,9302,9504	CKSSYB223K16				
	C	482,9641	CKSSYB473K16		C	1299,1324,1388,1488	CCSSCH221J50
	C	484-486,506-508	CCG1236		C	1311,1323,1346,1381	CCSSCH331J50

Mark	No.	Description	Part No.
A	C	1325,1334,1380,1426	CKSSYB103K25
	C	1349,1695,1696,1769	CCG1325
	C	1353,9226,9228,9230	RS1/8SQ105J
	C	1361,1410,1411,1485	CCSSCH100D50
	C	1384,1409,1455,1466	CKSSYB104K16
	C	1393,1518,1586,1587	CCSSCH220J50
	C	1398,1451,1470,1569	CCSSCH331J50
B	C	1453,1454,1458,1459	CKSSYB103K25
	C	1456,1460,1471,1474	CCSSCH101J50
	C	1462,1475,1477,1484	CKSSYB103K25
	C	1464,1513,1734,1748	CCSSCH471J50
	C	1467,1490,1568,1625	CKSSYB104K16
	C	1480,1548,1653,1708	CCSSCH101J50
	C	1482,1605,9121	CCH1814
C	C	1486,1505,1522,1529	CKSSYB103K25
	C	1487,1592	CCSSCH271J50
	C	1489,1536,1560,1650	CCSSCH221J50
	C	1502,1537,1557,1565	CCSSCH100D50
	C	1509,9546	CEAK102M16
	C	1535,1551,1556,1567	CKSSYB103K25
	C	1553,9027,9636,9770	CCSSCH270J50
D	C	1555,1620,1664,1743	CCSSCH330J50
	C	1559,1561,1631,1694	CCSSCH150J50
	C	1562,1609,1716	CCSSCH4R0C50
	C	1566,1836	CEVW470M6R3
	C	1584,1585,1645,1677	CCSSCH100D50
	C	1593,1595,1602,1624	CKSSYB103K25
	C	1604,1816,9730	CCSSCH5R0C50
E	C	1606,1611,1626,9465	VCG1072
	C	1610,1617,1618,1630	ACH7399
	C	1615,1781,1796,9002	CCSSCH7R0D50
	C	1623,1780,9606,9608	CCSSCH331J50
	C	1632,1654,9501	ACH7306
	C	1633,1714	ACG7117
	C	1638,1764,1784,9004	ACH7399
F	C	1642,1649,1662,1667	CKSSYB104K16
	C	1646,1652,1665,1669	CKSSYB103K25
	C	1648,1671,1680,1692	CCSSCH220J50
	C	1655,9029,9232,9436	CEVW221M4
	C	1656,1783,9455,9459	CKSQYB105K25
	C	1670,1731,1835,1855	CCSSCH221J50
	C	1673,1683,1710,1742	CKSSYB104K16
G	C	1679,1681,1684,1685	CKSSYB103K25
	C	1688,1700,9030	ACG7115
	C	1689-1691,1699,1703	CKSSYB103K25
	C	1702,1739,1754,1771	CCSSCH100D50
	C	1705,9038,9118,9213	ACE7113
	C	1706,1713,1718	CKSSYB103K25
	C	1711,1768,9003,9049	CCSSCH220J50
H	C	1717,1741,1749,1803	CCSSCH101J50
	C	1725,1727,1728,1744	DCH1246
	C	1735-1737,1751,1755	CKSSYB103K25
	C	1738,9015,9056,9085	CCSSCH470J50
	C	1750,1753,1756,1770	CKSSYB104K16
	C	1752,9231,9629	CCSSCH180J50
	C	1757,1772,1774,1776	CKSSYB103K25
I	C	1765,1935,9458,9466	CEVW101M16
	C	1766,1775,1822,9218	CCSSCH150J50
	C	1773	ACG7122

Mark	No.	Description	Part No.
J	C	1777,1799,1983,1989	CCSSCH100D50
	C	1778,1789,1790,1793	CKSSYB103K25
	C	1779,1788,1791,1797	CKSSYB104K16
	C	1794	CCSSCH9R0D50
	C	1795,9783	CCSSCH8R0D50
	C	1798,1801,1828,1845	CKSSYB103K25
	C	1834,1854,1932,9014	CKSSYB104K16
K	C	1839	CKSRYB105K16
	C	1846,9019,9024,9026	CCSSCH101J50
	C	1934,9532	CFHXSQ103J16
	C	9005,9312,9314,9450	ACH7399
	C	9009,9020,9034,9037	CCSSCH100D50
	C	9011,9013,9016,9021	CKSSYB103K25
	C	9023,9025,9031,9042	CKSSYB104K16
L	C	9028,9035,9040,9043	CKSSYB103K25
	C	9032,9039,9046,9053	CCSSCH101J50
	C	9041,9065,9074,9096	CCSSCH100D50
	C	9044,9054,9099,9485	CCSSCH330J50
	C	9048,9052,9062,9063	CKSSYB103K25
	C	9051,9058,9066,9088	CKSSYB104K16
	C	9055,9301,9599,9616	CCSSCH220J50
M	C	9057,9064,9083,9227	CCSSCH101J50
	C	9069,9084,9089,9093	CKSSYB103K25
	C	9075,9332,9529,9799	CKSRYB104K50
	C	9098,9102,9333,9409	CKSSYB103K25
	C	9103,9126,9229,9313	CCSSCH100D50
	C	9233,9249,9315,9513	CCSSCH7R0D50
	C	9234,9418,9557	RS1/8SQ105J
N	C	9235,9647,9758,9784	CCSSCH470J50
	C	9246	CEVW471M10
	C	9324,9325	CKSSYB222K50
	C	9337,9421,9632,9659	CKSSYB104K16
	C	9338,9434,9454,9461	CCSSCH101J50
	C	9402,9410,9432,9445	CCSSCH100D50
	C	9404,9662,9767	CCSSCH221J50
O	C	9405	ACG7113
	C	9416,9457,9460,9524	CCG1325
	C	9426-9428,9463,9502	CKSSYB103K25
	C	9429,9444,9514,9521	CCG1236
	C	9430	CCG1321
	C	9431,9477,9494	CKSRYB103K50
	C	9442	CKSSYB153K16
P	C	9462	CKSRYB223K50
	C	9473	CKSQYB104K50
	C	9479,9481,9496	CCG1222
	C	9482,9484,9495,9503	CCSSCH100D50
	C	9489,9498,9507,9559	CEVW101M16
	C	9499,9527,9626,9772	CEVW221M4
	C	9505,9506,9509,9522	CCSSCH100D50
Q	C	9512,9534	CKSSYB472K50
	C	9516,9581,9597,9602	CCSSCH101J50
	C	9517,9519,9526	CKSQYB105K25
	C	9525,9777,9782	CCSSCH330J50
	C	9528,9627,9661,9663	CKSSYB103K25
	C	9530,9583,9747,9748	ACH7399
	C	9537	CCG1236
R	C	9545	ACH7390
	C	9558	CCSRCH330J50
	C	9582,9590	CCG1325

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Mark	No. Description	Part No.	Mark	No. Description	Part No.
	C 9600,9642	CEVW101M16		IC 1511	ICS511MLF
	C 9610,9697,9700,9773	DCH1246			
	C 9615,9672,9674,9680	CCSSCH331J50		IC 1602	MN864787
	C 9617,9702,9703,9705	CCSSCH100D50	⚠	IC 1605,1610,1615	BD2242G-G
	C 9621,9660,9666,9670	CCSSCH101J50		IC 1606-1608	TC74VCX541FK
				IC 1609	MN864788
				IC 1804	TC74LCX08FK
	C 9630,9744,9798,9861	CCSSCH220J50			
	C 9665,9709,9712,9714	CKSSYB103K25		IC 9002	CS49844A
	C 9669,9673,9679,9692	CKSSYB104K16		IC 9005	74VHC4040FT
	C 9678,9691,9769,9775	CCSSCH101J50		IC 9006,9101	TC74VHC157FK
	C 9688	CCSSCH331J50		IC 9202	AYW7424
				IC 9206	H337S3959
	C 9696,9721,9725,9727	CKSSYB104K16			
	C 9701,9731,9732	CCSSCH150J50	⚠	IC 9402,9518	S-1172B10-U5
	C 9706,9724,9734,9735	CCSSCH100D50	⚠	IC 9403	MM3543BH
	C 9716,9719,9728,9736	CKSSYB103K25	⚠	IC 9404,9505	MM3529A18P
	C 9737,9742,9752,9765	CCSSCH100D50	⚠	IC 9406	MM3411A50N
			⚠	IC 9407,9508	MM3529A25P
	C 9738-9740	CCSSCH150J50			
	C 9745,9757,9762,9766	CKSSYB104K16	⚠	IC 9408	MM3542BF
	C 9754,9756,9759,9771	CKSSYB103K25	⚠	IC 9502	S-13A1A00-E6
	C 9761	CFHXSR222J16	⚠	IC 9504,9511	MM3529A50P
	C 9768,9779,9785,9788	CKSSYB104K16	⚠	IC 9512	NJM2872BF33
			⚠	IC 9513	NJM2846DL3-33
	C 9774,9776,9778,9780	CKSSYB103K25			
	C 9781,9787,9795,9810	CCSSCH101J50	⚠	IC 9514,9515,9523	MIC94325YMT
	C 9789,9793,9796,9797	CKSSYB103K25		IC 9602	SI9589CTUC-3
	C 9790,9794,9805,9812	CKSSYB104K16	⚠	IC 9603	BD82065FVJ
	C 9791,9814,9816,9820	CCSSCH100D50		IC 9703	D808K013DPTP456
				Q 601,701,1501,9603	DTC124EUA
	C 9804,9811,9815,9818	CKSSYB103K25			
	C 9813	CFHXSR182J16		Q 906-908,1001,1506	2SA1576A
	C 9819,9863	CCSSCH101J50		Q 909-911	2SC4081
	C 9821,9862	CKSSYB104K16		Q 912	HN1K02FU
	C 9822	CCSSCH470J50		Q 1502-1505,1508,1509	DTA124EUA
				Q 9001,9606,9608,9610	DTC114YUA
	C 9908	CKSSYB103K25			
	C 9910,9912	DCH1246		Q 9607,9609,9611	DTC124EUA
				D 601	RB501VM-40



DIGITAL MAIN ASSY (SC-LX89)

SEMICONDUCTORS

	IC 101	R5S726B0D216FP
	IC 102,9001,9702	M12L64164A-5TG2Y
	IC 102,9001,9702	A3V64S40GTP-60
	IC 103	AYW7422
	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 615,1512	TC7SZ126FUS1
	IC 901,903	74LCX541FT
	IC 909	ADV7181CBSTZ
	IC 1204	88DE2750
	IC 1212	K4T51163QQ-BCE7
	IC 1212	M14D51216322R5BG2K
⚠	IC 1216	BD3539NUX
	IC 1501,1516,1815,1817	TC74VHC157FK
	IC 1503,1515,1814,1818	TC74LCX157FK
	IC 1507	TC7WH157FU
	IC 1508	TC7SET08FUS3

MISCELLANEOUS

	L 102,103,105,106 CHIP BEADS	VTL1129
	L 321,341,361,603 CHIP BEADS	VTL1129
	L 342,9007,9704 RESISTOR	RS1/16SS0R0J
	L 454,455,457-459 CHIP BEADS	ATL7010
	L 461 SMD SPL INDUCTOR	ATH7108
	L 462,9417 SMD SPL INDUCTOR	ATH7110
	L 463,9520 SMD SPL INDUCTOR	ATH7109
	L 475,476,918,1210 CHIP BEADS	ATL7010
	L 604,609 RESISTOR	RS1/16SS100J
	L 606,608,902,907 CHIP BEADS	VTL1129
	L 917,919,1208,1209 CHIP BEADS	VTL1129
	L 921 INDUCTOR	CTF1547
	L 922-924 INDUCTOR	ATL7033
	L 925-927 INDUCTOR	ATL7035
	L 1151-1154,1609-1612 CHOKE COIL	ATH7099
	L 1155,1618,1642 FERRITE BEAD	CTF1528
	L 1211,1601,9002,9003 CHIP BEADS	ATL7010
	L 1501-1503,1505-1508 CHIP BEADS	VTL1129
	L 1510,9004,9703,9705 CHIP BEADS	VTL1128
	L 1515,1521,1602,1604 CHIP BEADS	VTL1129
	L 1617 CHIP BEADS	VTL1126
	L 1619-1621,1801 CHIP BEADS	VTL1129
	L 1638-1641,9215,9216 CHOKE COIL	ATH7099
	L 1806-1808,1810,1815 CHIP BEADS	VTL1129
	L 9005,9009,9101,9211 CHIP BEADS	VTL1129

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	Mark No. Description	Part No.	Mark No. Description	Part No.	
A	L 9203-9206,9402,9406 CHIP BEADS	ATL7010	R 1005	RS1/16SS5100F	
	L 9217 FILTER	CTF1703	R 1047,1048,1608,1611	RAB4CQ680J	
	L 9219,9861 CHIP BEADS	VTL1129	R 1160,1614,1662,9572	RS1/16SS6201F	
	L 9408,9411,9412,9502 CHIP BEADS	ATL7010	R 1205,1207,1215,1242	RAB4CQ330J	
	L 9505,9510-9513,9610 CHIP BEADS	ATL7010	R 1208,1243,1244,1343	RAB4CQ473J	
	L 9612,9701,9702 CHIP BEADS	ATL7010	R 1235	RAB4CQ472J	
	F 1603,1605-1608,1613 EMI FILTER	DTL1106	R 1245,1248,1249,1339	RAB4CQ330J	
	F 1614,1622-1625 EMI FILTER	DTL1106	R 1277,1284,1288,1289	RAB4CQ151J	
	JA 1601-1603,9601-9607 HDMI JACK	AKP7286	R 1291	RAB4CQ151J	
	JA 9202 RJ45 CONNECTOR	AKN7115	R 1342,1365,9007-9010	RAB4CQ330J	
B	JA 9620 HDMI JACK	AKP7286	R 1345-1348,1464	RAB4CQ473J	
	KN 602,9402,9403 SCREW PLATE	VNE1948	R 1451-1453,1458-1460	RS1/10SR0R0J	
	KN 9201 EARTH TERMINAL/VRT	ANG7840	R 1454-1457,1704,1705	RS1/8SQ0R0J	
	X 101 CRYSTAL TRANSDUCER	ASS7120	R 1615,1616,1622,1625	RAB4CQ680J	
	X 602 CRYSTAL RESONATOR	ASS7126	R 1677,1679,1680,1687	RAB4CQ470J	
	X 902 CRYSTAL	ASS7111	R 1690	RAB4CQ470J	
	X 1201 CRYSTAL	ASS7114	R 1710,9205-9207,9401	RS1/8SQ0R0J	
	X 1501 CRYSTAL OSCILLATOR	ASS7102	R 1711,1712,9208,9209	RS1/10SR0R0J	
	X 1502 CRYSTAL OSCILLATOR	ASS7101	R 1723,1724,1728,1729	RAB4CQ680J	
	X 1601,1602 CRYSTAL OSCILLATOR	ASS7123	R 1730,1731,9171,9804	RAB4CQ100J	
C	X 9001 CRYSTAL(24MHZ)	DSS1203	R 1733,9011,9012,9018	RAB4CQ680J	
	CN 601 39P CONNECTOR	VKN2098	R 9017,9024,9031,9761	RAB4CQ220J	
	CN 602 B TO B CONNECTOR	AKN7155	R 9019,9756,9757,9763	RAB4CQ680J	
	CN 603 B TO B CONNECTOR	AKN7152	R 9043,9050,9149,9785	RAB4CQ101J	
	CN 901 B TO B 23PIN JACK	AKN7073	R 9265,9266,9752-9755	RAB4CQ330J	
	CN 1502 24P SOCKET	AKP7251	R 9404	RS1/16SS1002F	
	CN 1984 B TO B 17PIN JACK	AKN7070	R 9408	RS1/16SS8201F	
	CN 9202 CONNECTOR	AKM1276	R 9431	ATL7010	
	CN 9203,9204 B TO B CONNECTOR	AKM7235	R 9443	RS1/16SS2200F	
	CN 9501 CONNECTOR	B7B-EH	R 9449,9805	RS1/10SR0R0J	
	CN 9502 CONNECTOR	AKM1274	R 9466	RS1/16SS1201F	
	CN 9701,9702 SOCKET(30PL)	BKP1047	R 9485	RS1/8SQ225J	
	JH 9501,9502 PCB BINDER	AEF7008	R 9513,9606,9609	RS1/8SQ0R0J	
			R 9515	RS1/8SQ475J	
			R 9525	RS1/4SA105J	
D	RESISTORS				
	R 101-104,108-110	RAB4CQ101J	R 9530,9567,9591,9641	RS1/8SQ105J	
	R 117-120,1735,9016	RAB4CQ220J	R 9571	RS1/16SS1301F	
	R 124,132-135,189	RAB4CQ223J	R 9596	RS1/16SS1802F	
	R 269,338,1115	RS1/10SR0R0J	R 9762,9766,9770	RAB4CQ220J	
	R 335	RS1/10SR470J	R 9764,9781	RAB4CQ680J	
	R 400,9444	RS1/16SS6800F			
	R 401	RS1/16SS4701F	R 9806	RS1/4SA0R0J	
	R 408	RS1/16SS2202F	Other Resistors	RS1/16SS###J	
	R 453	RS1/16SS3002F			
E	R 455,457,459	RS1/16SS4022F			
	R 456	RS1/16SS2702F	CAPACITORS		
	R 458	RS1/16SS1272F	C 101,116,499,714	CEVW101M16	
	R 460,9437,9573	RS1/16SS2401F	C 104,107,453,456	ACH7399	
	R 469,9406,9469	RS1/16SS8202F	C 105,157,193,206	CCSSCH100D50	
	R 470,9470	RS1/16SS7501F	C 109,148,186,187	CCSSCH8R0D50	
			C 117,119,126,162	CCSSCH101J50	
	R 471	RS1/16SS3301F	C 118,1229,1549,1721	DCH1246	
	R 477,478,789,1203	RS1/8SQ0R0J	C 120,121,124,130	CKSSYB103K25	
	R 480-483,9418,9447	RS1/8SQ105J	C 122,136,137,150	CKSSYB104K16	
F	R 511,1159,1613,1661	RS1/16SS1003F	C 129,160,511,538	CCSSCH270J50	
	R 608,609,1725,1726	RAB4CQ100J	C 132,196,1468,9726	CCSSCH120J50	
	R 611-614,913,914	RAB4CQ101J	C 133,138,144,146	CKSSYB103K25	
	R 902-904,921	RAB4CQ0R0J	C 151,1570,9061	CCSSCH390J50	
	R 907,909,1201,1202	RAB4CQ473J	C 152,159,166,170	CKSSYB104K16	
	R 910,911,1041,1049	RAB4CQ330J	C 153,155,158,161	CKSSYB103K25	
	R 1004,1100-1105	RS1/16SS4700F	C 154,194,361,554	CCSSCH220J50	

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Mark	No.	Description	Part No.	Mark	No.	Description	Part No.		Mark	No.	Description	Part No.
	C	156,961,1035,1069	CCSSCH471J50									
	C	163,178,205,213	CKSSYB103K25		C	1034,1038,1043,1045	CKSSYB103K25					
	C	165,1313,1326,1395	CCSSCH150J50		C	1037,1046,1070,1251	CCSSCH331J50					
	C	176,492,624,648	CCSSCH470J50		C	1044	CKSSYB823K10	A				
	C	180,665,666	CCSSCH7R0D50		C	1047,1054,1056,1224	CKSSYB103K25					
					C	1048,1060,1063,1065	DCH1263					
	C	192,406,498,572	CCSSCH330J50									
	C	201,649,699,734	CCSSCH221J50		C	1049,1252	CCSSCH102J50					
	C	208,211,215,322	CKSSYB104K16		C	1050-1052,1055,1057	CKSSYB104K16					
	C	212,219,363,619	CCSSCH101J50		C	1059,1061,1067,1068	CKSSYB104K16					
	C	217,221,223,342	CKSSYB103K25		C	1062,1088,1246,1286	CCSSCH100D50					
					C	1071,1072,1092-1094	CKSSYB104K16					
	C	222,321,341	CCSSCH100D50									
	C	343,9101	CCSSCH820J50		C	1074	DCH1263					
	C	344,435,446,614	CCH1814		C	1084,1215,1231,1256	CCSSCH101J50					
	C	362,463,464,483	CKSSYB103K25		C	1101-1103,1333,1478	CCSSCH7R0D50					
	C	405,407,9433,9435	CCG1222		C	1110-1112,1213,1240	CKSSYB104K16	B				
					C	1113,1357,1660,1763	CEVW101M16					
	C	412,9022,9115	CCSRCH100D50									
	C	417,9488,9634	ACG7114		C	1155,1621,1693,9250	CKSRYB103K50					
	C	421,424,473,474	RS1/8SQ105J		C	1203,1228,1230,9403	ACG7113					
	C	423,9425	CCSQCH330J50		C	1205,1352,1627,1666	ACG7115					
	C	459,601,602,1207	ACH7399		C	1208,1355,1427,1601	ACH7399					
					C	1210	ACG7118					
	C	460-462	CKSRYB473K50									
	C	465,1104-1106,1457	CCSSCH4R0C50		C	1220,1248,1278,1360	CCSSCH220J50					
	C	467,1095-1100,1359	CCSSCH5R0C50		C	1236,1238,1267,1270	CKSSYB103K25					
	C	476,1153,1704	ACE7100		C	1254,1289,1297,1343	CKSSYB104K16					
	C	477,479,9441,9538	CCSRCH222J50		C	1268,1322,1339,1425	CCSSCH101J50					
					C	1276,1285,1305,1319	CKSSYB103K25	C				
	C	481,9302,9504	CKSSYB223K16									
	C	482,9641	CKSSYB473K16		C	1299,1324,1388,1488	CCSSCH221J50					
	C	484-486,506-508	CCG1236		C	1311,1323,1346,1381	CCSSCH331J50					
	C	487	CCSRCH102J50		C	1325,1334,1380,1426	CKSSYB103K25					
	C	489-491,604,608	CCSSCH100D50		C	1349,1695,1696,1769	CCG1325					
					C	1353,9226,9228,9230	RS1/8SQ105J					
	C	612,618,620,631	CKSSYB103K25									
	C	613,647,1461	CCSSCH151J50		C	1361,1410,1411,1485	CCSSCH100D50					
	C	617,625,626,638	CKSSYB104K16		C	1384,1409,1455,1466	CKSSYB104K16					
	C	621,679,904,1206	CCSSCH220J50		C	1393,1518,1586,1587	CCSSCH220J50					
	C	623,1379,1506	CCSSCH560J50		C	1398,1451,1470,1569	CCSSCH331J50					
					C	1453,1454,1458,1459	CKSSYB103K25	D				
	C	627,639,650,659	CCSSCH101J50									
	C	633,636,644,653	CKSSYB103K25		C	1456,1460,1471,1474	CCSSCH101J50					
	C	634,640,737,740	CCSSCH100D50		C	1462,1475,1477,1484	CKSSYB103K25					
	C	641,642,645,662	CKSSYB104K16		C	1464,1513,1734,1748	CCSSCH471J50					
	C	656	CCSSCH680J50		C	1467,1490,1568,1625	CKSSYB104K16					
					C	1480,1548,1653,1708	CCSSCH101J50					
	C	660,671,682,690	CCSSCH101J50									
	C	661,663,678,753	CCSSCH330J50		C	1482,1605,9121	CCH1814					
	C	664,669,670,680	CKSSYB103K25		C	1486,1505,1522,1529	CKSSYB103K25					
	C	675,962,964,1032	CKSSYB104K16		C	1487,1592	CCSSCH271J50					
	C	685,903,909,1010	CKSSYB103K25		C	1489,1536,1560,1650	CCSSCH221J50					
					C	1502,1537,1557,1565	CCSSCH100D50					
	C	697,705,708,735	CCSSCH101J50									
	C	713,739,741,1479	CCSSCH8R0D50		C	1509,9546	CEAK102M16	E				
	C	717,718,743,744	CCSSCH470J50		C	1535,1551,1556,1567	CKSSYB103K25					
	C	742,745,746,755	CCSSCH100D50		C	1553,9027,9636,9770	CCSSCH270J50					
	C	748,750,1040,1244	CCSSCH221J50		C	1555,1620,1664,1743	CCSSCH330J50					
					C	1559,1561,1631,1694	CCSSCH150J50					
	C	749,751,752,902	CCSSCH101J50									
	C	756,1076,1511,1550	CCSSCH330J50		C	1562,1609,1716	CCSSCH4R0C50					
	C	757,9007,9750	RS1/16SS105J		C	1566,1836	CEVW470M6R3					
	C	908,1647,1651,1663	CCSSCH470J50		C	1584,1585,1645,1677	CCSSCH100D50					
	C	910,1027,1033,1079	CCSSCH101J50		C	1593,1595,1602,1624	CKSSYB103K25					
					C	1604,1816,9730	CCSSCH5R0C50					
	C	1001,1089-1091,9694	DCH1201									
	C	1024,1107-1109,1720	CCSSCH180J50		C	1606,1611,1626,9465	VCG1072	F				
	C	1025,1042,1064,1075	CEVW101M16		C	1610,1617,1618,1630	ACH7399					
	C	1028,1036,1274,1390	CCSSCH270J50		C	1615,1781,1796,9002	CCSSCH7R0D50					
	C	1031,1358,9635	VCH1234		C	1623,1780,9606,9608	CCSSCH331J50					

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	C	1632,1654,9501	ACH7306	C	9338,9434,9454,9461	CCSSCH101J50	
	C	1633,1714	ACG7117	C	9402,9410,9432,9445	CCSSCH100D50	
	C	1638,1764,1784,9004	ACH7399	C	9404,9662,9767	CCSSCH221J50	
	C	1642,1649,1662,1667	CKSSYB104K16	C	9405	ACG7113	
	C	1646,1652,1665,1669	CKSSYB103K25	C	9416,9457,9460,9524	CCG1325	
B	C	1648,1671,1680,1692	CCSSCH220J50	C	9426-9428,9463,9502	CKSSYB103K25	
	C	1655,9029,9232,9436	CEVW221M4	C	9429,9444,9514,9521	CCG1236	
	C	1656,1783,9455,9459	CKSQYB105K25	C	9430	CCG1321	
	C	1670,1731,1835,1855	CCSSCH221J50	C	9431,9477,9494	CKSRYB103K50	
	C	1673,1683,1710,1742	CKSSYB104K16	C	9442	CKSSYB153K16	
C	C	1679,1681,1684,1685	CKSSYB103K25	C	9462	CKSRYB223K50	
	C	1688,1700,9030	ACG7115	C	9473	CKSQYB104K50	
	C	1689-1691,1699,1703	CKSSYB103K25	C	9479,9481,9496	CCG1222	
	C	1702,1739,1754,1771	CCSSCH100D50	C	9482,9484,9495,9503	CCSSCH100D50	
	C	1705,9038,9118,9213	ACE7113	C	9489,9498,9507,9559	CEVW101M16	
D	C	1706,1713,1718	CKSSYB103K25	C	9499,9527,9626,9772	CEVW221M4	
	C	1711,1768,9003,9049	CCSSCH220J50	C	9505,9506,9509,9522	CCSSCH100D50	
	C	1717,1741,1749,1803	CCSSCH101J50	C	9512,9534	CKSSYB472K50	
	C	1725,1727,1728,1744	DCH1246	C	9516,9581,9597,9602	CCSSCH101J50	
	C	1735-1737,1751,1755	CKSSYB103K25	C	9517,9519,9526	CKSQYB105K25	
E	C	1738,9015,9056,9085	CCSSCH470J50	C	9525,9777,9782	CCSSCH330J50	
	C	1750,1753,1756,1770	CKSSYB104K16	C	9528,9627,9661,9663	CKSSYB103K25	
	C	1752,9231,9629	CCSSCH180J50	C	9530,9583,9747,9748	ACH7399	
	C	1757,1772,1774,1776	CKSSYB103K25	C	9537	CCG1236	
	C	1765,1935,9458,9466	CEVW101M16	C	9545	ACH7390	
F	C	1766,1775,1822,9218	CCSSCH150J50	C	9558	CCSRCH330J50	
	C	1773	ACG7122	C	9582,9590	CCG1325	
	C	1777,1799,1983,1989	CCSSCH100D50	C	9600,9642	CEVW101M16	
	C	1778,1789,1790,1793	CKSSYB103K25	C	9610,9697,9700,9773	DCH1246	
	C	1779,1788,1791,1797	CKSSYB104K16	C	9615,9672,9674,9680	CCSSCH331J50	
G	C	1794	CCSSCH9R0D50	C	9617,9702,9703,9705	CCSSCH100D50	
	C	1795,9783	CCSSCH8R0D50	C	9621,9660,9666,9670	CCSSCH101J50	
	C	1798,1801,1828,1845	CKSSYB103K25	C	9630,9744,9798,9861	CCSSCH220J50	
	C	1834,1854,1932,9014	CKSSYB104K16	C	9665,9709,9712,9714	CKSSYB103K25	
	C	1839	CKSRYB105K16	C	9669,9673,9679,9692	CKSSYB104K16	
H	C	1846,9019,9024,9026	CCSSCH101J50	C	9678,9691,9769,9775	CCSSCH101J50	
	C	1934,9532	CFHXSQ103J16	C	9688	CCSSCH331J50	
	C	9005,9312,9314,9450	ACH7399	C	9696,9721,9725,9727	CKSSYB104K16	
	C	9009,9020,9034,9037	CCSSCH100D50	C	9701,9731,9732	CCSSCH150J50	
	C	9011,9013,9016,9021	CKSSYB103K25	C	9706,9724,9734,9735	CCSSCH100D50	
I	C	9023,9025,9031,9042	CKSSYB104K16	C	9716,9719,9728,9736	CKSSYB103K25	
	C	9028,9035,9040,9043	CKSSYB103K25	C	9737,9742,9752,9765	CCSSCH100D50	
	C	9032,9039,9046,9053	CCSSCH101J50	C	9738-9740	CCSSCH150J50	
	C	9041,9065,9074,9096	CCSSCH100D50	C	9745,9757,9762,9766	CKSSYB104K16	
	C	9044,9054,9099,9485	CCSSCH330J50	C	9754,9756,9759,9771	CKSSYB103K25	
J	C	9048,9052,9062,9063	CKSSYB103K25	C	9761	CFHXSQR222J16	
	C	9051,9058,9066,9088	CKSSYB104K16	C	9768,9779,9785,9788	CKSSYB104K16	
	C	9055,9301,9599,9616	CCSSCH220J50	C	9774,9776,9778,9780	CKSSYB103K25	
	C	9057,9064,9083,9227	CCSSCH101J50	C	9781,9787,9795,9810	CCSSCH101J50	
	C	9069,9084,9089,9093	CKSSYB103K25	C	9789,9793,9796,9797	CKSSYB103K25	
K	C	9075,9332,9529,9799	CKSRYB104K50	C	9790,9794,9805,9812	CKSSYB104K16	
	C	9098,9102,9333,9409	CKSSYB103K25	C	9791,9814,9816,9820	CCSSCH100D50	
	C	9103,9126,9229,9313	CCSSCH100D50	C	9804,9811,9815,9818	CKSSYB103K25	
	C	9233,9249,9315,9513	CCSSCH7R0D50	C	9813	CFHXSQR182J16	
	C	9234,9418,9557	RS1/8SQ105J	C	9819,9863	CCSSCH101J50	
L	C	9235,9647,9758,9784	CCSSCH470J50	C	9821,9862	CKSSYB104K16	
	C	9246	CEVW471M10	C	9822	CCSSCH470J50	
	C	9324,9325	CKSSYB222K50	C	9908	CKSSYB103K25	
	C	9337,9421,9632,9659	CKSSYB104K16	C	9910,9912	DCH1246	

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
				Q	9607,9609,9611	DTC124EUA	
				D	601	RB501VM-40	
G		DIGITAL MAIN ASSY (SC-LX79)					
		SEMICONDUCTORS			MISCELLANEOUS		
	IC	101	R5S726B0D216FP	L	102,103,105,106	CHIP BEADS	VTL1129
	IC	102,9001,9702	M12L64164A-5TG2Y	L	321,341,361,603	CHIP BEADS	VTL1129
	IC	102,9001,9702	A3V64S40GTP-60	L	342,9007,9704	RESISTOR	RS1/16SS0R0J
	IC	103	AYW7422	L	453,9410	INDUCTOR	ATH7107
	IC	105,1521,9208	TC7SH08FUS1	L	454,455,457-459	CHIP BEADS	ATL7010
	IC	107,608,609,612	TC74VHCT08AFKS1	L	475,476,918,1210	CHIP BEADS	ATL7010
⚠	IC	451	TPS65251RHA	L	604,609	RESISTOR	RS1/16SS100J
	IC	603	PE7008A	L	606,608,902,907	CHIP BEADS	VTL1129
	IC	604,1808	TC7WHU04FK	L	917,919,1208,1209	CHIP BEADS	VTL1129
	IC	610,1509,1806	74VHC126FT	L	921	INDUCTOR	CTF1547
	IC	611	74VHCT126AFT	L	922-924	INDUCTOR	ATL7033
	IC	613,1601,1603,1616	TC74VHC08FK	L	925-927	INDUCTOR	ATL7035
	IC	614,1502	TC74VHCT08AFKS1	L	1151-1154,1609-1612	CHOKE COIL	ATH7099
	IC	615	TC7SZ126FUS1	L	1155,1618,1642	FERRITE BEAD	CTF1528
	IC	901,903	74LCX541FT	L	1211,1601,9002,9003	CHIP BEADS	ATL7010
	IC	909	ADV7181CBSTZ	L	1501-1503,1505-1507	CHIP BEADS	VTL1129
	IC	1204	88DE2750	L	1510,9004,9703,9705	CHIP BEADS	VTL1128
	IC	1212	K4T51163QQ-BCE7	L	1515,1521,1602,1604	CHIP BEADS	VTL1129
	IC	1212	M14D5121632R5BG2K	L	1617	CHIP BEADS	VTL1126
⚠	IC	1216	BD3539NUX	L	1619-1621,1801	CHIP BEADS	VTL1129
	IC	1501,1516,1815,1817	TC74VHC157FK	L	1638-1641,9215,9216	CHOKE COIL	ATH7099
	IC	1503,1515,1814,1818	TC74LCX157FK	L	1806-1808,1810,1815	CHIP BEADS	VTL1129
	IC	1507	TC7WH157FU	L	9005,9009,9101,9211	CHIP BEADS	VTL1129
	IC	1508	TC7SET08FUS3	L	9203-9206,9402,9406	CHIP BEADS	ATL7010
	IC	1511	ICS511MLF	L	9217	FILTER	CTF1703
	IC	1602	MN864787	L	9219,9861	CHIP BEADS	VTL1129
⚠	IC	1605,1610,1615	BD2242G-G	L	9408,9411,9412,9502	CHIP BEADS	ATL7010
	IC	1606-1608	TC74VCX541FK	L	9505,9510-9513,9610	CHIP BEADS	ATL7010
	IC	1609	MN864788	L	9612,9701,9702	CHIP BEADS	ATL7010
	IC	1804	TC74LCX08FK	F	1603,1605-1608,1613	EMI FILTER	DTL1106
	IC	9002	CS49844A	F	1614,1622-1625	EMI FILTER	DTL1106
	IC	9005	74VHC4040FT	JA	1601-1603,9601-9607	HDMI JACK	AKP7286
	IC	9006,9101	TC74VHC157FK	JA	9202	RJ45 CONNECTOR	AKN7115
	IC	9202	AYW7424	JA	9620	HDMI JACK	AKP7286
	IC	9206	H337S3959	KN	602,9402,9403	SCREW PLATE	VNE1948
⚠	IC	9402,9518	S-1172B10-U5	KN	9201	EARTH TERMINAL/VRT	ANG7840
⚠	IC	9403	MM3543BH	X	101	CRYSTAL TRANSDUCER	ASS7120
⚠	IC	9404,9505	MM3529A18P	X	602	CRYSTAL RESONATOR	ASS7126
⚠	IC	9406	MM3411A50N	X	902	CRYSTAL	ASS7111
⚠	IC	9407,9508	MM3529A25P	X	1201	CRYSTAL	ASS7114
⚠	IC	9408	MM3542BF	X	1501	CRYSTAL OSCILLATOR	ASS7102
⚠	IC	9502	S-13A1A00-E6	X	1502	CRYSTAL OSCILLATOR	ASS7101
⚠	IC	9504,9511	MM3529A50P	X	1601,1602	CRYSTAL OSCILLATOR	ASS7123
⚠	IC	9512	NJM2872BF33	X	9001	CRYSTAL(24MHZ)	DSS1203
⚠	IC	9513	NJM2846DL3-33	CN	601	39P CONNECTOR	VKN2098
⚠	IC	9514,9515,9523	MIC94325YMT	CN	602	B TO B CONNECTOR	AKN7155
	IC	9602	SI19589CTUC-3	CN	603	B TO B CONNECTOR	AKN7152
⚠	IC	9603	BD82065FVJ	CN	901	B TO B 23PIN JACK	AKN7073
	IC	9703	D808K013DPTP456	CN	1502	24P SOCKET	AKP7251
	Q	601,701,1501,9603	DTC124EUA	CN	9202	CONNECTOR	AKM1276
	Q	906-908,1001,1506	2SA1576A	CN	9203,9204	B TO B CONNECTOR	AKM7235
	Q	909-911	2SC4081	CN	9501	CONNECTOR	B7B-EH
	Q	912	HN1K02FU	CN	9502	CONNECTOR	AKM1274
	Q	1502-1505,1508,1509	DTA124EUA	CN	9701,9702	SOCKET(30PL)	BKP1047
	Q	9001,9606,9608,9610	DTC114YUA	JH	9501,9502	PCB BINDER	AEF7008
						RESISTORS	

Mark	No.	Description	Part No.
A	R	101-104,108-110	RAB4CQ101J
	R	117-120,1735,9016	RAB4CQ220J
	R	124,132-135,189	RAB4CQ223J
	R	269,338,1115	RS1/10SR0R0J
	R	335	RS1/10SR470J
	R	400,9444	RS1/16SS6800F
	R	401	RS1/16SS4701F
	R	408	RS1/16SS2202F
	R	453	RS1/16SS3002F
	R	455,457,459	RS1/16SS4022F
B	R	456	RS1/16SS2702F
	R	458	RS1/16SS1272F
	R	460,9437,9573	RS1/16SS2401F
	R	469,9406,9469	RS1/16SS8202F
	R	470,9470	RS1/16SS7501F
	R	471	RS1/16SS3301F
	R	477,478,789,1203	RS1/8SQ0R0J
	R	480-483,9418,9447	RS1/8SQ105J
	R	511,1159,1613,1661	RS1/16SS1003F
	R	608,609,1725,1726	RAB4CQ100J
C	R	611-614,913,914	RAB4CQ101J
	R	902-904,921	RAB4CQ0R0J
	R	907,909,1201,1202	RAB4CQ473J
	R	910,911,1041,1049	RAB4CQ330J
	R	1004,1100-1105	RS1/16SS4700F
	R	1005	RS1/16SS5100F
	R	1047,1048,1608,1611	RAB4CQ680J
	R	1160,1614,1662,9572	RS1/16SS6201F
	R	1205,1207,1215,1242	RAB4CQ330J
	R	1208,1243,1244,1343	RAB4CQ473J
	R	1235	RAB4CQ472J
	R	1245,1248,1249,1339	RAB4CQ330J
	R	1277,1284,1288,1289	RAB4CQ151J
	R	1291	RAB4CQ151J
	R	1342,1365,9007-9010	RAB4CQ330J
D	R	1345-1348,1464	RAB4CQ473J
	R	1451-1453,1458-1460	RS1/10SR0R0J
	R	1454-1457,1704,1705	RS1/8SQ0R0J
	R	1615,1616,1622,1625	RAB4CQ680J
	R	1677,1679,1680,1687	RAB4CQ470J
	R	1690	RAB4CQ470J
	R	1710,9205-9207,9401	RS1/8SQ0R0J
	R	1711,1712,9208,9209	RS1/10SR0R0J
	R	1723,1724,1728,1729	RAB4CQ680J
	R	1730,1731,9171,9804	RAB4CQ100J
E	R	1733,9011,9012,9018	RAB4CQ680J
	R	9017,9024,9031,9761	RAB4CQ220J
	R	9019,9756,9757,9763	RAB4CQ680J
	R	9043,9050,9149,9785	RAB4CQ101J
	R	9265,9266,9752-9755	RAB4CQ330J
	R	9404	RS1/16SS1002F
	R	9408	RS1/16SS8201F
	R	9431	ATL7010
	R	9443	RS1/16SS2200F
	R	9449,9805	RS1/10SR0R0J
F	R	9466	RS1/16SS1201F
	R	9485	RS1/8SQ225J
	R	9513,9606,9609	RS1/8SQ0R0J
	R	9515	RS1/8SQ475J
	R	9525	RS1/4SA105J

Mark	No.	Description	Part No.
	R	9530,9567,9591,9641	RS1/8SQ105J
	R	9571	RS1/16SS1301F
	R	9596	RS1/16SS1802F
	R	9762,9766,9770	RAB4CQ220J
	R	9764,9781	RAB4CQ680J
	R	9806	RS1/4SA0R0J
	Other Resistors		RS1/16SS###J
	CAPACITORS		
	C	101,104,107,116	CEVW101M16
	C	105,157,193,206	CCSSCH100D50
C	109,148,186,187	CCSSCH8R0D50	
C	117,119,126,162	CCSSCH101J50	
C	118,1229,1549,1721	DCH1246	
C	120,121,124,130	CKSSYB103K25	
C	122,136,137,150	CKSSYB104K16	
C	129,160,511,538	CCSSCH270J50	
C	132,196,1468,9726	CCSSCH120J50	
C	133,138,144,146	CKSSYB103K25	
C	151,454,9061	CCSSCH390J50	
C	152,159,166,170	CKSSYB104K16	
C	153,155,158,161	CKSSYB103K25	
C	154,194,361,554	CCSSCH220J50	
C	156,961,1035,1069	CCSSCH471J50	
C	163,178,205,213	CKSSYB103K25	
C	165,1313,1326,1395	CCSSCH150J50	
C	176,492,624,648	CCSSCH470J50	
C	180,665,666	CCSSCH7R0D50	
C	192,406,498,572	CCSSCH330J50	
C	201,649,699,734	CCSSCH221J50	
C	208,211,215,322	CKSSYB104K16	
C	212,219,363,619	CCSSCH101J50	
C	217,221,223,342	CKSSYB103K25	
C	222,321,341	CCSSCH100D50	
C	343,9101	CCSSCH820J50	
C	362,463,464,483	CKSSYB103K25	
C	405,407,9408,9433	CCG1222	
C	412,9022,9115	CCSRCH100D50	
C	417,9488,9634	ACG7114	
C	421,424,473,474	RS1/8SQ105J	
C	423,9425	CCSQCH330J50	
C	446,614,1482,1605	CCH1814	
C	451,656	CCSSCH680J50	
C	453,499,714,1025	CEVW101M16	
C	455,495,496	CCG1332	
C	456,459,1207,1355	CEVW221M4	
C	457,623,1379,1506	CCSSCH560J50	
C	460-462	CKSRYB473K50	
C	465,1104-1106,1457	CCSSCH4R0C50	
C	467,1095-1100,1359	CCSSCH5R0C50	
C	476,1704	ACE7100	
C	477,479,9441,9538	CCSRCH222J50	
C	481,9302,9504	CKSSYB223K16	
C	482,9641	CKSSYB473K16	
C	484-486,506-508	CCG1236	
C	487	CCSRCH102J50	
C	489-491,604,608	CCSSCH100D50	
C	601,602,1208,1638	ACH7399	
C	612,618,620,631	CKSSYB103K25	

5			6			7			8			
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.		Mark	No.	Description	Part No.
	C	613,647,1461	CCSSCH151J50									
	C	617,625,626,638	CKSSYB104K16		C	1453,1454,1458,1459	CKSSYB103K25					
	C	621,679,904,1206	CCSSCH220J50		C	1456,1460,1471,1474	CCSSCH101J50					
	C	627,639,650,659	CCSSCH101J50		C	1462,1475,1477,1484	CKSSYB103K25					A
	C	633,636,644,653	CKSSYB103K25		C	1464,1513,1734,1748	CCSSCH471J50					
					C	1467,1490,1625,1642	CKSSYB104K16					
	C	634,640,737,740	CCSSCH100D50									
	C	641,642,645,662	CKSSYB104K16		C	1480,1548,1653,1708	CCSSCH101J50					
	C	660,671,682,690	CCSSCH101J50		C	1486,1505,1522,1529	CKSSYB103K25					
	C	661,663,678,753	CCSSCH330J50		C	1487,1592	CCSSCH271J50					
	C	664,669,670,680	CKSSYB103K25		C	1489,1536,1560,1650	CCSSCH221J50					
					C	1502,1537,1557,1565	CCSSCH100D50					
	C	675,962,964,1032	CKSSYB104K16									
	C	685,903,909,1010	CKSSYB103K25		C	1509,9545,9546	CEAK102M16					
	C	697,705,708,735	CCSSCH101J50		C	1518,1586,1587,1648	CCSSCH220J50					
	C	713,739,741,1479	CCSSCH8R0D50		C	1535,1551,1556,1567	CKSSYB103K25					B
	C	717,718,743,744	CCSSCH470J50		C	1553,9027,9636,9770	CCSSCH270J50					
					C	1555,1620,1664,1743	CCSSCH330J50					
	C	742,745,746,755	CCSSCH100D50									
	C	748,750,1040,1244	CCSSCH221J50		C	1559,1561,1631,1694	CCSSCH150J50					
	C	749,751,752,902	CCSSCH101J50		C	1562,1609,1716	CCSSCH4R0C50					
	C	756,1076,1511,1550	CCSSCH330J50		C	1566	CEVW470M6R3					
	C	757,9007,9750	RS1/16SS105J		C	1584,1585,1645,1677	CCSSCH100D50					
					C	1593,1595,1602,1624	CKSSYB103K25					
	C	908,1647,1651,1663	CCSSCH470J50									
	C	910,1027,1033,1079	CCSSCH101J50		C	1604,1816,9730	CCSSCH5R0C50					
	C	1001,1089-1091,9694	DCH1201		C	1618,1630,1655,1784	CEVW221M4					
	C	1024,1107-1109,1720	CCSSCH180J50		C	1627,1666,1688,1700	ACG7115					
	C	1028,1036,1274,1390	CCSSCH270J50		C	1632,1654,9501	ACH7306					C
					C	1633,1714	ACG7117					
	C	1031,1042,1064,1075	CEVW101M16									
	C	1034,1038,1043,1045	CKSSYB103K25		C	1646,1652,1665,1669	CKSSYB103K25					
	C	1037,1046,1070,1251	CCSSCH331J50		C	1649,1662,1667,1673	CKSSYB104K16					
	C	1044	CKSSYB823K10		C	1670,1731,1835,1855	CCSSCH221J50					
	C	1047,1054,1056,1224	CKSSYB103K25		C	1671,1680,1692,1711	CCSSCH220J50					
					C	1679,1681,1684,1685	CKSSYB103K25					
	C	1048,1060,1063,1065	DCH1263									
	C	1049,1252	CCSSCH102J50		C	1683,1710,1742,1750	CKSSYB104K16					
	C	1050-1052,1055,1057	CKSSYB104K16		C	1689-1691,1699,1703	CKSSYB103K25					
	C	1059,1061,1067,1068	CKSSYB104K16		C	1695,1696,9416,9457	CCG1325					
	C	1062,1088,1246,1286	CCSSCH100D50		C	1702,1739,1754,1771	CCSSCH100D50					
					C	1705,9038,9118,9213	ACE7113					D
	C	1071,1072,1092-1094	CKSSYB104K16									
	C	1074,1205,1352	DCH1263		C	1706,1713,1718	CKSSYB103K25					
	C	1084,1215,1231,1256	CCSSCH101J50		C	1717,1741,1749,1803	CCSSCH101J50					
	C	1101-1103,1333,1478	CCSSCH7R0D50		C	1725,1727,1728,1744	DCH1246					
	C	1110-1112,1213,1240	CKSSYB104K16		C	1735-1737,1751,1755	CKSSYB103K25					
					C	1738,9015,9056,9085	CCSSCH470J50					
	C	1153,1606,1611,1626	VCG1072									
	C	1155,1621,1693,9250	CKSRYP103K50		C	1752,9231,9629	CCSSCH180J50					
	C	1203,1230,1349,1656	CKSQYB105K25		C	1753,1756,1770,1779	CKSSYB104K16					
	C	1210	ACG7118		C	1757,1772,1774,1776	CKSSYB103K25					
	C	1228,9403,9405	ACG7113		C	1764,9004,9312,9314	ACH7399					
					C	1766,1775,1822,9218	CCSSCH150J50					
	C	1236,1238,1267,1270	CKSSYB103K25									
	C	1248,1278,1360,1393	CCSSCH220J50		C	1768,9003,9049,9055	CCSSCH220J50					E
	C	1254,1289,1297,1343	CKSSYB104K16		C	1769,1783,9455,9459	CKSQYB105K25					
	C	1268,1322,1339,1425	CCSSCH101J50		C	1773	ACG7122					
	C	1276,1285,1305,1319	CKSSYB103K25		C	1777,1799,9009,9020	CCSSCH100D50					
					C	1778,1789,1790,1793	CKSSYB103K25					
	C	1299,1324,1388,1488	CCSSCH221J50									
	C	1311,1323,1346,1381	CCSSCH331J50		C	1780,9606,9608,9615	CCSSCH331J50					
	C	1325,1334,1380,1426	CKSSYB103K25		C	1788,1791,1797,1834	CKSSYB104K16					
	C	1353,9226,9228,9230	RS1/8SQ105J		C	1794	CCSSCH9R0D50					
	C	1357,1660,1763,1765	CEVW101M16		C	1795,9783	CCSSCH8R0D50					
					C	1796,9002,9233,9249	CCSSCH7R0D50					
	C	1358,1601,1610,1617	CEVW221M4									
	C	1361,1410,1411,1485	CCSSCH100D50		C	1798,1801,1828,1845	CKSSYB103K25					F
	C	1384,1409,1455,1466	CKSSYB104K16		C	1839	CKSRYP105K16					
	C	1398,1451,1470,1623	CCSSCH331J50		C	1846,9019,9024,9026	CCSSCH101J50					
	C	1427	VCH1234		C	1854,1932,9014,9023	CKSSYB104K16					

Mark	No.	Description	Part No.
A	C	1934	CFHXSQ103J16
	C	1935,9458,9466,9489	CEVW101M16
	C	9005,9029,9232,9436	CEVW221M4
	C	9011,9013,9016,9021	CKSSYB103K25
	C	9025,9031,9042,9051	CKSSYB104K16
B	C	9028,9035,9040,9043	CKSSYB103K25
	C	9030	ACG7115
	C	9032,9039,9046,9053	CCSSCH101J50
	C	9034,9037,9041,9065	CCSSCH100D50
	C	9044,9054,9099,9485	CCSSCH330J50
C	C	9048,9052,9062,9063	CKSSYB103K25
	C	9057,9064,9083,9338	CCSSCH101J50
	C	9058,9066,9088,9337	CKSSYB104K16
	C	9069,9084,9089,9093	CKSSYB103K25
	C	9074,9096,9103,9126	CCSSCH100D50
D	C	9075,9332,9529,9799	CKSRB104K50
	C	9098,9102,9333,9409	CKSSYB103K25
	C	9234,9418,9557	RS1/8SQ105J
	C	9235,9647,9758,9784	CCSSCH470J50
	C	9246	CEVW471M10
E	C	9301,9599,9616,9630	CCSSCH220J50
	C	9313,9402,9410,9432	CCSSCH100D50
	C	9315,9513	CCSSCH7R0D50
	C	9324,9325	CKSSYB222K50
	C	9404,9662,9767	CCSSCH221J50
F	C	9421,9632,9659,9669	CKSSYB104K16
	C	9426-9428,9463,9502	CKSSYB103K25
	C	9429,9444,9451,9514	CCG1236
	C	9430	CCG1321
	C	9431,9477,9494	CKSRB103K50
G	C	9434,9454,9461,9516	CCSSCH101J50
	C	9435,9479,9481,9493	CCG1222
	C	9442	CKSSYB153K16
	C	9445,9482,9484,9492	CCSSCH100D50
	C	9450,9499,9527,9626	CEVW221M4
H	C	9460,9524,9582,9590	CCG1325
	C	9462	CKSRB223K50
	C	9465	VCG1072
	C	9473	CKSQYB104K50
	C	9495,9503,9505,9506	CCSSCH100D50
I	C	9496	CCG1222
	C	9498,9507,9530,9559	CEVW101M16
	C	9509,9522,9617,9702	CCSSCH100D50
	C	9512,9534	CKSSYB472K50
	C	9517,9519,9526	CKSQYB105K25
J	C	9521,9537	CCG1236
	C	9525,9777,9782	CCSSCH330J50
	C	9528,9627,9661,9663	CKSSYB103K25
	C	9533,9581,9597,9602	CCSSCH101J50
	C	9558	CCSRCH330J50
K	C	9600,9642,9748	CEVW101M16
	C	9610,9697,9700,9773	DCH1246
	C	9621,9660,9666,9670	CCSSCH101J50
	C	9635,9772	CEVW221M4
	C	9665,9709,9712,9714	CKSSYB103K25
L	C	9672,9674,9680,9688	CCSSCH331J50
	C	9673,9679,9692,9696	CKSSYB104K16
	C	9678,9691,9769,9775	CCSSCH101J50
	C	9701,9731,9732	CCSSCH150J50

Mark	No.	Description	Part No.
M	C	9703,9705,9706,9724	CCSSCH100D50
	C	9716,9719,9728,9736	CKSSYB103K25
	C	9721,9725,9727,9745	CKSSYB104K16
	C	9734,9735,9737,9742	CCSSCH100D50
	C	9738-9740	CCSSCH150J50
N	C	9744,9798,9861	CCSSCH220J50
	C	9747	ACH7399
	C	9752,9765,9791,9814	CCSSCH100D50
	C	9754,9756,9759,9771	CKSSYB103K25
	C	9757,9762,9766,9768	CKSSYB104K16
O	C	9761	CFHXSQR22J16
	C	9774,9776,9778,9780	CKSSYB103K25
	C	9779,9785,9788,9790	CKSSYB104K16
	C	9781,9787,9795,9810	CCSSCH101J50
	C	9789,9793,9796,9797	CKSSYB103K25
P	C	9794,9805,9812,9821	CKSSYB104K16
	C	9804,9811,9815,9818	CKSSYB103K25
	C	9813	CFHXSQR182J16
	C	9816,9820	CCSSCH100D50
	C	9819,9863	CCSSCH101J50
Q	C	9822	CCSSCH470J50
	C	9862	CKSSYB104K16
	C	9908	CKSSYB103K25
	C	9910,9912	DCH1246



INTERFACE_M ASSY (SC-99,SC-LX89)

SEMICONDUCTORS

Q	7001-7003,7013,7015	DTC124EUA
Q	7005	2SA1576A
Q	7008,7010	2SA1036K
Q	7014,7016	DTA124EUA
D	7005	1SS301
D	7007,7009	RB501VM-40

MISCELLANEOUS

L	7001 CHIP SOLID INDUCTOR	ATL7002
L	7005-7007 CHIP SOLID INDUCTOR	QTL101
JA	7001,7004,7005 JACK	VKB1243
JA	7003 JACK	AKN-209
KN	7001 SCREW PLATE	VNE1948
KN	7002,7004-7007 EARTH TERMINAL	AKF7002
CN	7002,7005 7P PLUG	KM200IB7
CN	7003 B TO B 13PIN PLUG	AKM7102
CN	7004 B TO B 19PIN PLUG	AKM7105
CN	7006 CONNECTOR	9604S-19C
CN	7007 B TO B 17PIN PLUG	AKM7104
CN	7008 B TO B 15PIN PLUG	AKM7103

RESISTORS

R	7102-7109,7130-7135	RS1/8SQ105J
R	7139	RS1/4SA150J
	Other Resistors	RS1/10SR###J

CAPACITORS

C	7007	CKSQYB104K50
C	7013,7016	CKSQYB103K50
C	7015	CKSRB103K50
C	7101	CCSQCH101J50
C	7108	CEAK470M25
C	7135	CCSQCH331J50

5	6	7	8				
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
I	COMPONENT ASSY (SC-99)						
	SEMICONDUCTORS						
	IC	8301	NJW1328FH2	Q	3451		DTC124EUA
	IC	8601	HIN202EIBNZ	Q	3452-3455		2SD2704K
	Q	8603	2SC4081	D	3473-3475		DZ2J051M0
	Q	8604	2SA1576A				
	Q	8605	DTC114EUA				
	Q	8606	HN1K02FU				
	D	8601,8605	1SS355				
MISCELLANEOUS							
JA	8301,8302,8304	3P PIN JACK AU	AKB7228				
JA	8601	9P D-SUB SOCKET	AKP7256				
CN	8301	B TO B 23PIN PLUG	AKM7107				
CN	8302	20P PLUG	AKM7171				
JP	8402	HOUSING	ADX7746				
RESISTORS							
R	8301-8306	RS1/10SR75R0F					
R	8310,8312,8314	RS1/10SR68R0F					
R	8557	RS1/8SQ0R0J					
Other Resistors		RS1/10SR###J					
CAPACITORS							
C	8301,8383,8613	CEAK101M16					
C	8305,8307,8313,8315	CEAK1R0M50					
C	8324,8326,8341,8342	CEAK1R0M50					
C	8358,8359	CCSRCH220J50					
C	8360,8541,8601	CKSRYB103K50					
C	8376,8377,8379,8611	CCSRCH100D50					
C	8378	CCSRCH471J50					
C	8381	CKSRYB105K16					
C	8525,8526	CEAK471M6R3					
C	8527,8548,8549	CEAK102M6R3					
C	8528-8535,8540,8542	CKSRYB104K50					
C	8536,8538,8543	CEAK1R0M50					
C	8537,8539,8610,8618	CCSRCH331J50					
C	8544-8547,8602	CKSRYB104K50					
C	8604-8606	CKSRYB104K50					
C	8612,8617	CCSRCH100D50					
C	8614	CCSRCH101J50					
J	COMPOSITE ASSY (SC-99,SC-LX89)						
	MISCELLANEOUS						
	JA	3601	1P PIN JACK	AKB7232			
	JA	3602	RCA JACK	AKB7256			
	CN	3601	20P SOCKET	AKP7249			
	RESISTORS						
	R	3607,3637,3639,3645	RS1/10SR0R0J				
	R	3646	RS1/10SR0R0J				
	Other Resistors		RS1/10SR####F				
	CAPACITORS						
C	3607,3620	CCSRCH181J50					
K	MIC HP ASSY						
	SEMICONDUCTORS						
	IC	3471	NJM4585M				

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Mark	No.	Description	Part No.
A	C 6009		CKSRYB472K50
	C 6012		CKSRYB473K50
	C 6013,6014,6068		CKSQYB103K50
	C 6016,6017		CKSQYB105K25
	C 6018		CSCQCH331J50
	C 6020		CKSQYB104K50
	C 6022,6063		CSCRCH470J50
	C 6025		CKSRYB103K50
	C 6027		CEAK221M16
	C 6060,6061,6064,6067		CSCRCH331J50
B	C 6066		CEAK470M50
	C 6300		CSCRCH390J50
	C 6301,6302		CSCRCH100D50

M VOL ASSY

MISCELLANEOUS

S 3371	ROTARY ENCODER	ASX7053
CN3371	3P JUMPER CONNECTOR	52147-0310

CAPACITORS

C 3371,3372	CKSQYB103K50
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N POWER SW ASSY

SEMICONDUCTORS

Q 3401	DTC143EUA
D 3402	SLR343BC4T

MISCELLANEOUS

S 3401	SWITCH	VSG1024
CN3401	4P JUMPER CONNECTOR	52147-0410

RESISTORS

All Resistors	RS1/10SR###J
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CAPACITORS

C 3401	CSCRCH221J50
C 3402	CKSRYB104K50

O ENCODER ASSY

MISCELLANEOUS

S 3501	ROTARY ENCODER	ASX7054
CN3501	3P JUMPER CONNECTOR	52147-0310

RESISTORS

All Resistors	RS1/10SR###J
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CAPACITORS

C 3501,3502	CKSQYB103K50
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P IR BUFFER_M ASSY (SC-99)

MISCELLANEOUS

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

MISCELLANEOUS

KN6801	WRAPPING TERMINAL	CKF1089
CN6801	24P SOCKET	AKP7251
CN6802,6803	24P PLUG	AKM7173

Mark	No.	Description	Part No.
RESISTORS			
R 6802,6803,6822,6823			RS1/10SR8201F
R 6806,6807,6826,6827			RS1/10SR1602F
R 6817			RS1/8SQ274J
R 6818,6837,6838,6857			RS1/8SQ225J
R 6842,6843,6864-6867			RS1/10SR8201F
R 6846,6847,7456,7457			RS1/10SR1602F
R 6858,6877,6878,6897			RS1/8SQ225J
R 6884-6887,6904-6907			RS1/10SR8201F
R 6898,6917,6918,6937			RS1/8SQ225J
R 6924-6927,7452,7453			RS1/10SR8201F
R 6938,7467,7468,7487			RS1/8SQ225J
R 6948,6949			RS1/8SQ0R0J
R 7472,7473			RS1/10SR8201F
R 7476,7477			RS1/10SR1602F
R 7488			RS1/8SQ225J

R 7491,7492	RS1/8SQ105J
Other Resistors	RS1/10SR###J

CAPACITORS

C 6810,6811,6830,6831	ACE7097
C 6814,6834,6854,6874	ACE7100
C 6850,6851,6870,6871	ACE7097
C 6890,6891,6910,6911	ACE7097
C 6894,6914,6934,7464	ACE7100

C 6930,6931,7460,7461	ACE7097
C 7484	ACE7100
C 7494,7497	CFHXSQ103J16
C 7680,7681	ACE7097

P IR BUFFER_M ASSY (SC-LX89)

SEMICONDUCTORS

IC 6801,6821,6841,6861	NJM5532CG
IC 6881,6901,6921,7451	NJM5532CG
IC 7471	NJM5532CG
IC 7491	TC4053BFT

MISCELLANEOUS

KN6801	WRAPPING TERMINAL	CKF1089
CN6801	24P SOCKET	AKP7251
CN6802,6803	24P PLUG	AKM7173

RESISTORS

R 6802,6803,6822,6823	RS1/10SR3901F
R 6806,6807,6826,6827	RS1/10SR8201F
R 6817	RS1/8SQ274J
R 6818,6837,6838,6857	RS1/8SQ225J
R 6842,6843,7452,7453	RS1/10SR3901F

R 6846,6847,7456,7457	RS1/10SR8201F
R 6858,6877,6878,6897	RS1/8SQ225J
R 6864-6867,6884-6887	RS1/10SR6801F
R 6898,6917,6918,6937	RS1/8SQ225J
R 6904-6907,6924-6927	RS1/10SR6801F

R 6938,7467,7468,7487	RS1/8SQ225J
R 6948,6949	RS1/8SQ0R0J
R 7472,7473	RS1/10SR3901F
R 7476,7477	RS1/10SR8201F
R 7488	RS1/8SQ225J

R 7491,7492	RS1/8SQ105J
Other Resistors	RS1/10SR###J

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
CAPACITORS				D AMP ASSY (SC-99)			
C	6810,6811,6830,6831		ACE7097		CN3810,3820,3830,3840 5P SOCKET		KP200IB5L
C	6814,6874,6894,6914		ACE7100		CN3850,3860,3870,3880 5P SOCKET		KP200IB5L
C	6834,6850,6851,6854		ACE7097		CN3890 5P SOCKET		KP200IB5L
C	6870,6871,6890,6891		ACE7097				
C	6910,6911,6930,6931		ACE7097				
C	6934,7464,7484		ACE7100				
C	7460,7461,7680,7681		ACE7097				
C	7491,7492		ACE7113				
IR BUFFER_M ASSY (SC-LX79)				SEMICONDUCTORS			
IC	6801,6821,6841,6861		NJM5532CG		IC 4001		BU7262SFVM
IC	6881,6901,6921,7451		NJM5532CG		IC 4003		NJM78M05DL1A
IC	7471		NJM5532CG		IC 4004		TC74VHCT08AFKS1
IC	7491		TC4053BFT		IC 4005		TA76L431FB
MISCELLANEOUS					IC 4007		BU4094BCFV
KN	6801 WRAPPING TERMINAL		CKF1089				
CN	6801 24P SOCKET		AKP7251				
CN	6802,6803 24P PLUG		AKM7173				
RESISTORS							
R	6802,6803,6822,6823		RS1/10SR3901F				
R	6806,6807,6826,6827		RS1/10SR8201F				
R	6817		RS1/8SQ274J				
R	6818,6837,6838,6857		RS1/8SQ225J				
R	6842,6843,7452,7453		RS1/10SR3901F				
R	6846,6847,7456,7457		RS1/10SR8201F				
R	6858,6877,6878,6897		RS1/8SQ225J				
R	6864-6867,6884-6887		RS1/10SR6801F				
R	6898,6917,6918,6937		RS1/8SQ225J				
R	6904-6907,6924-6927		RS1/10SR6801F				
R	6938,7467,7468,7487		RS1/8SQ225J				
R	6948,6949		RS1/8SQ0R0J				
R	7472,7473		RS1/10SR3901F				
R	7476,7477		RS1/10SR8201F				
R	7488		RS1/8SQ225J				
R	7491,7492		RS1/8SQ105J				
	Other Resistors		RS1/10SR###J				
CAPACITORS							
C	6810,6811,6830,6831		ACE7097				
C	6814,6874,6894,6914		ACE7100				
C	6834,6850,6851,6854		ACE7097				
C	6870,6871,6890,6891		ACE7097				
C	6910,6911,6930,6931		ACE7097				
C	6934,7464,7484		ACE7100				
C	7460,7461,7680,7681		ACE7097				
C	7491,7492		ACE7113				
IR BUFFER_GND_M ASSY							
MISCELLANEOUS							
KN	6961 SCREW PLATE		VNE1948				
KN	6962 SCREW PLATE(MTL)		ANG7591				
IR INTERFACE_M ASSY							
MISCELLANEOUS							
CN	3801,3802 24P SOCKET		AKP7251				

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	Q 4901,4902		IRF6775MPBFS1	R 4090		RS1/10SR1802F	
	Q 4903-4906,4908,4917		2SC4081	R 4102-4105,4202-4205		RS1/10SR8201D	
	Q 4907,4911,4914		2SA1576A	R 4107,4207,4307,4407		ACE7096	
	Q 4909		2SC2412K	R 4109,4209,4309,4409		RS1/8SQ331J	
	Q 4910		2SA1514K	R 4110,4210,4310,4410		RS1/8SQ223J	
■	Q 4912,5012,5013,5015		2SC2412K	R 4111,4211,4311,4411		RS1/10SR4700F	
	Q 5014,5016		2SC4081	R 4112,4212,4312,4412		RS1/8SQ473J	
	Q 5018,5020,5022		HN1K02FU	R 4115,4215,4315,4415		ACN7192	
	D 4005,4016,4022,4023		1SS355	R 4116,4190,4216,4290		ACN7199	
	D 4011,4012		DAN202U	R 4119,4122,4123,4167		RS1/10SR1001F	
B	D 4013,4014,4018,4019		DZ2J240M0	R 4120,4220,4320,4420		RS1/10SR1800F	
	D 4015,4020		DZ2J270M0	R 4125,4126,4225,4226		ACN7094	
	D 4017,4021		DZ2J180M0	R 4129,4229,4329,4429		RS1/8SQ222J	
	D 4102,4202,4302,4402		DZ2J130M0	R 4130,4134,4230,4234		RS1/8SQ103J	
	D 4108,4109,4208,4209		RF101L2S	R 4131,4231,4331,4431		RS1/8SQ123J	
■	D 4116,4119,4216,4219		1SS355	R 4132,4232,4332,4432		RS1/8SQ133J	
	D 4117,4217,4317,4417		RF071M2S	R 4133,4144,4233,4244		ACN7197	
	D 4118,4218,4318,4418		CMH07	R 4135,4235,4335,4435		RS1/8SQ752J	
	D 4308,4309,4408,4409		RF101L2S	R 4136,4236,4336,4436		RS1/8SQ242J	
	D 4316,4319,4416,4419		1SS355	R 4137,4141,4237,4241		ACN7165	
■	D 4502,4602,4702,4802		DZ2J130M0	R 4138,4238,4338,4438		RS1/8SQ8R2J	
	D 4508,4509,4608,4609		RF101L2S	R 4139,4193,4239,4293		RS1/8SQ1R2J	
	D 4516,4519,4616,4619		1SS355	R 4140,4240,4340,4440		RS1/4SA270J	
	D 4517,4617,4717,4817		RF071M2S	R 4142,4143,4242,4243		ACN7189	
	D 4518,4618,4718,4818		CMH07	R 4145,4245,4345,4445		RS1/10SR8201F	
C	D 4708,4709,4808,4809		RF101L2S	R 4148,4248,4348,4448		RS1/10SR3001F	
	D 4716,4719,4816,4819		1SS355	R 4150,4250,4350,4450		RS1/10SR1100F	
	D 4902		DZ2J130M0	R 4151,4194,4251,4294		ACN7196	
	D 4908,4909		RF101L2S	R 4152,4252,4352,4452		RS1/10SR6802F	
	D 4916,4919		1SS355	R 4154,4254,4354,4454		ACN7186	
■	D 4917		RF071M2S	R 4155,4255,4355,4455		RS1/10SR1003F	
	D 4918		CMH07	R 4156,4256,4356,4456		RS1/10SR2402F	
				R 4157,4257,4357,4457		RS1/10SR2203F	
				R 4162,4262,4362,4462		RS1/4SA123J	
				R 4163,4263,4363,4463		RS1/10SR2701F	
MISCELLANEOUS				R 4166,4266,4366,4466		RS1/10SR1002F	
D	L 4100,4200,4300,4400 OTHER COIL		ATH7090	R 4168,4268,4368,4468		RS1/10SR7502F	
	L 4500,4600,4700,4800 OTHER COIL		ATH7090	R 4169,4269,4369,4469		RS1/10SR3902F	
	L 4900 OTHER COIL		ATH7090	R 4176,4177,4276,4277		RS1/4SA2R4J	
	JA 4101 SP TERMINAL 6-P(V0)		AKE7150	R 4178,4179,4278,4279		RS1/4SA2R2J	
	JA 4301,4501 SP TERMINAL 4-P(V0)		AKE7149	⚠ R 4181,4281,4381,4481		NTCG104KF104FB	
■	JA 4901,5101 SP TERMINAL 4-P(V0)		AKE7149	R 4183,4383,4583,4883		RS1/4SA390J	
	KN 4000 WRAPPING TERMINAL		CKF1089	R 4186,4286,4386,4486		RS1/8SQ151J	
	KN 4100,4200,4300,4400 SCREW PLATE		VNE1948	R 4187,4188,4287,4288		ACN7180	
	KN 4500,4900 SCREW PLATE		VNE1948	R 4191,4291,4391,4491		RS1/8SQ823J	
	RY 4100,4300,4500,4700 RELAY		XSR3015	R 4192,4292,4392,4492		RS1/8SQ105J	
E	RY 4900,5000 RELAY		XSR3015	R 4195,4196,4295,4296		RS1/8SQ2R2J	
	CN 4000 CONNECTOR		9604S-19C	R 4197,4198,4297,4298		RS1/8SQ2R7J	
	CN 4001 PLUG		KKS-557	R 4219,4222,4223,4267		RS1/10SR1001F	
	CN 4002 PLUG(2P)		KM200NA2	R 4283,4483,4683,4983		RS1/4SA470J	
	CN 4003 PLUG(4P)		KM200NA4	R 4302-4305,4402-4405		RS1/10SR8201D	
■	CN 4004 PLUG(7P)		KM200NA7	R 4316,4390,4416,4490		ACN7199	
	CN 4100,4200,4300,4400 5P PLUG		KM200IB5	R 4319,4322,4323,4367		RS1/10SR1001F	
	CN 4500,4600,4700,4800 5P PLUG		KM200IB5	R 4325,4326,4425,4426		ACN7094	
	CN 4900 5P PLUG		KM200IB5	R 4330,4334,4430,4434		RS1/8SQ103J	
				R 4333,4344,4433,4444		ACN7197	
RESISTORS				R 4337,4341,4437,4441		ACN7165	
F	R 4000,4027,4078,4079		RS1/10SR1802F	R 4339,4393,4439,4493		RS1/8SQ1R2J	
	R 4007,5053,5099,5152		RS1/4SA100J	R 4342,4343,4442,4443		ACN7189	
	R 4057		RS1/8SQ471J				
	R 4060		RS1/10SR5602F				
	R 4061		RS1/10SR3302F				
	R 4083,4128,4228,4328		RS1/4SA222J				

5			6			7			8		
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.		Mark	No.	Description
	R	4351,4394,4451,4494	ACN7196		R	4730,4734,4830,4834	RS1/8SQ103J				
	R	4376,4377,4476,4477	RS1/4SA2R4J		R	4733,4744,4833,4844	ACN7197				
	R	4378,4379,4478,4479	RS1/4SA2R2J		R	4737,4741,4837,4841	ACN7165				A
	R	4387,4388,4487,4488	ACN7180		R	4739,4793,4839,4893	RS1/8SQ1R2J				
	R	4395,4396,4495,4496	RS1/8SQ2R2J		R	4742,4743,4842,4843	ACN7189				
	R	4397,4398,4497,4498	RS1/8SQ2R7J								
	R	4419,4422,4423,4467	RS1/10SR1001F		R	4751,4794,4851,4894	ACN7196				
	R	4428,4528,4628,4728	RS1/4SA222J		R	4776,4777,4876,4877	RS1/4SA2R4J				
	R	4447,5006-5008,5010	RS1/4SA105J		R	4778,4779,4878,4879	RS1/4SA2R2J				
	R	4502-4505,4602-4605	RS1/10SR8201D		R	4787,4788,4887,4888	ACN7180				
					R	4795,4796,4895,4896	RS1/8SQ2R2J				
	R	4507,4607,4707,4807	ACE7096								
	R	4509,4609,4709,4809	RS1/8SQ331J		R	4797,4798,4897,4898	RS1/8SQ2R7J				
	R	4510,4610,4710,4810	RS1/8SQ223J		R	4819,4822,4823,4867	RS1/10SR1001F				
	R	4511,4611,4711,4811	RS1/10SR4700F		R	4828,4928,5037	RS1/4SA222J				B
	R	4512,4612,4712,4812	RS1/8SQ473J		R	4902-4905	RS1/10SR8201D				
					R	4907,5059,5159	ACE7096				
	R	4515,4615,4715,4815	ACN7192								
	R	4516,4590,4616,4690	ACN7199		R	4909,5038,5052	RS1/8SQ331J				
	R	4519,4522,4523,4567	RS1/10SR1001F		R	4910,5015,5023	RS1/8SQ223J				
	R	4520,4620,4720,4820	RS1/10SR1800F		R	4911	RS1/10SR4700F				
	R	4525,4526,4625,4626	ACN7094		R	4912,5017,5025	RS1/8SQ473J				
					R	4915	ACN7192				
	R	4529,4629,4729,4829	RS1/8SQ222J								
	R	4530,4534,4630,4634	RS1/8SQ103J		R	4916,4990	ACN7199				
	R	4531,4631,4731,4831	RS1/8SQ123J		R	4919,4922,4923,4967	RS1/10SR1001F				
	R	4532,4632,4732,4832	RS1/8SQ133J		R	4920	RS1/10SR1800F				
	R	4533,4544,4633,4644	ACN7197		R	4925,4926	ACN7094				C
					R	4929,5039,5040,5063	RS1/8SQ222J				
	R	4535,4635,4735,4835	RS1/8SQ752J								
	R	4536,4636,4736,4836	RS1/8SQ242J		R	4930,4934,5029,5030	RS1/8SQ103J				
	R	4537,4541,4637,4641	ACN7165		R	4931	RS1/8SQ123J				
	R	4538,4638,4738,4838	RS1/8SQ8R2J		R	4932	RS1/8SQ133J				
	R	4539,4593,4639,4693	RS1/8SQ1R2J		R	4933,4944	ACN7197				
					R	4935	RS1/8SQ752J				
	R	4540,4640,4740,4840	RS1/4SA270J								
	R	4542,4543,4642,4643	ACN7189		R	4936	RS1/8SQ242J				
	R	4545,4645,4745,4845	RS1/10SR8201F		R	4937,4941	ACN7165				
	R	4548,4648,4748,4848	RS1/10SR3001F		R	4938	RS1/8SQ8R2J				
	R	4550,4650,4750,4850	RS1/10SR1100F		R	4939,4993	RS1/8SQ1R2J				
					R	4940	RS1/4SA270J				D
	R	4551,4594,4651,4694	ACN7196								
	R	4552,4652,4752,4852	RS1/10SR6802F		R	4942,4943	ACN7189				
	R	4554,4654,4754,4854	ACN7186		R	4945	RS1/10SR8201F				
	R	4555,4655,4755,4855	RS1/10SR1003F		R	4948	RS1/10SR3001F				
	R	4556,4656,4756,4856	RS1/10SR2402F		R	4950	RS1/10SR1100F				
					R	4951,4994	ACN7196				
	R	4557,4657,4757,4857	RS1/10SR2203F								
	R	4562,4662,4762,4862	RS1/4SA123J		R	4952	RS1/10SR6802F				
	R	4563,4663,4763,4863	RS1/10SR2701F		R	4954	ACN7186				
	R	4566,4666,4766,4866	RS1/10SR1002F		R	4955	RS1/10SR1003F				
	R	4568,4668,4768,4868	RS1/10SR7502F		R	4956	RS1/10SR2402F				
					R	4957	RS1/10SR2203F				
	R	4569,4669,4769,4869	RS1/10SR3902F								E
	R	4576,4577,4676,4677	RS1/4SA2R4J		R	4962	RS1/4SA123J				
	R	4578,4579,4678,4679	RS1/4SA2R2J		R	4963	RS1/10SR2701F				
⚠	R	4581,4681,4781,4881	NTCG104KF104FB		R	4966,5001	RS1/10SR1002F				
	R	4586,4686,4786,4886	RS1/8SQ151J		R	4968	RS1/10SR7502F				
					R	4969	RS1/10SR3902F				
	R	4587,4588,4687,4688	ACN7180								
	R	4591,4691,4791,4891	RS1/8SQ823J		R	4976,4977	RS1/4SA2R4J				
	R	4592,4692,4792,4892	RS1/8SQ105J		R	4978,4979	RS1/4SA2R2J				
	R	4595,4596,4695,4696	RS1/8SQ2R2J	⚠	R	4981	NTCG104KF104FB				
	R	4597,4598,4697,4698	RS1/8SQ2R7J		R	4986	RS1/8SQ151J				
					R	4987,4988,5003,5004	ACN7180				
	R	4619,4622,4623,4667	RS1/10SR1001F								
	R	4702-4705,4802-4805	RS1/10SR8201D		R	4991	RS1/8SQ823J				F
	R	4716,4790,4816,4890	ACN7199		R	4992,5183-5187	RS1/8SQ105J				
	R	4719,4722,4723,4767	RS1/10SR1001F		R	4995,4996	RS1/8SQ2R2J				
	R	4725,4726,4825,4826	ACN7094		R	4997,4998	RS1/8SQ2R7J				

Mark	No.	Description	Part No.
A	R	5000	RS1/10SR1001F
	R	5009	RS1/4SA751J
	R	5011,5018	RS1/8SQ563J
	R	5012,5016,5020,5021	RS1/8SQ104J
	R	5013,5019	RS1/8SQ224J
■	R	5014,5022	RS1/8SQ683J
	R	5024	RS1/8SQ104J
	R	5026	ACN7180
	R	5041	RS1/4SA1R5J
	R	5066	RS1/8SQ222J
B	R	5068,5071	RS1/4SA331J
	R	5092	RS1/8SQ100J
	R	5094	RS1/4SA224J
	R	5100,5104,5108,5112	RS1/4SA104J
	R	5116,5120,5124,5128	RS1/4SA104J
■	R	5132	RS1/4SA104J
	R	5141-5149	RS1/4SA183J
	R	5153,5155	RS1/4SA390J
	R	5154,5156	RS1/4SA470J
	R	5157,5168,5182	RS1/4SA100J
		Other Resistors	RS1/10SR###J

CAPACITORS

C	C	4008,4010,4036,4052	CEAK101M16
	C	4009	CCSRCH150J50
	C	4013	CCSRCH180J50
	C	4016	CCSRCH120J50
	C	4022	ACE7090
■	C	4023,5185	CEHVW100M16
	C	4024	ACH1479
	C	4025	ACE7100
	C	4026,4029,4035,4073	CFHXSQ103J16
	C	4040,4128,4228,4328	CCH1814
D	C	4044,4048	ACE7107
	C	4045,4067,4068,4085	ACE7101
	C	4053,4081,4166,4167	CEAK101M16
	C	4057-4062	ACH7400
	C	4063,4116,4216,4316	ACH7389
■	C	4065,4066,4069,4070	ACH7388
	C	4074,4109,4121,4122	CFHXSQ103J16
	C	4077	ACE7112
	C	4078,4079,4159,4160	ACE7108
	C	4091	CFHXSQ101J16
E	C	4097	CCSRCH100D50
	C	4098,4099,4120,4123	CFHXSQ102J50
	C	4100,4200,4300,4400	CFTLA104J2A
	C	4101,4201,4301,4401	CFTLA474J2A
	C	4108,4208,4308,4408	ACH7320
■	C	4119,4219,4319,4419	ACE7133
	C	4126,4226,4326,4426	CFHXSQ101J50
	C	4130,4134,4136,4230	ACH7377
	C	4149,4150,4249,4250	ACH7359
	C	4156,4256,4356,4456	ACE7097
F	C	4161,4175,4261,4275	ACE7130
	C	4171,4371,4571,4771	CEAK100M50
	C	4180,4280,4380,4480	ACE7096
	C	4209,4221,4222,4309	CFHXSQ103J16
	C	4220,4223,4320,4323	CFHXSQ102J50
	C	4234,4236,4330,4334	ACH7377
	C	4259,4260,4359,4360	ACE7108

Mark	No.	Description	Part No.
C	C	4266,4267,4366,4367	CEAK101M16
	C	4321,4322,4409,4421	CFHXSQ103J16
	C	4336,4430,4434,4436	ACH7377
	C	4349,4350,4449,4450	ACH7359
	C	4361,4375,4461,4475	ACE7130
C	C	4416,4516,4616,4716	ACH7389
	C	4420,4423,4520,4523	CFHXSQ102J50
	C	4422,4509,4521,4522	CFHXSQ103J16
	C	4428,4528,4628,4728	CCH1814
	C	4459,4460,4559,4560	ACE7108
C	C	4466,4467,4566,4567	CEAK101M16
	C	4500,4600,4700,4800	CFTLA104J2A
	C	4501,4601,4701,4801	CFTLA474J2A
	C	4508,4608,4708,4738	ACH7320
	C	4519,4619,4719,4819	ACE7133
C	C	4526,4626,4726,4826	CFHXSQ101J50
	C	4530,4534,4536,4630	ACH7377
	C	4549,4550,4649,4650	ACH7359
	C	4556,4656,4756,4856	ACE7097
	C	4561,4575,4661,4675	ACE7130
C	C	4580,4680,4780,4880	ACE7096
	C	4609,4621,4622,4709	CFHXSQ103J16
	C	4620,4623,4720,4723	CFHXSQ102J50
	C	4634,4636,4730,4734	ACH7377
	C	4659,4660,4759,4760	ACE7108
C	C	4666,4667,4766,4767	CEAK101M16
	C	4714,4721,4722,4809	CFHXSQ103J16
	C	4736,4830,4834,4836	ACH7377
	C	4749,4750,4849,4850	ACH7359
	C	4761,4775,4861,4875	ACE7130
C	C	4808,4908	ACH7320
	C	4816,4916	ACH7389
	C	4820,4823,4920,4923	CFHXSQ102J50
	C	4821,4822,4909,4921	CFHXSQ103J16
	C	4828,4928	CCH1814
C	C	4859,4860,4959,4960	ACE7108
	C	4866,4867,4966,4967	CEAK101M16
	C	4900	CFTLA104J2A
	C	4901	CFTLA474J2A
	C	4919	ACE7133
C	C	4922,5186	CFHXSQ103J16
	C	4926	CFHXSQ101J50
	C	4930,4934,4936	ACH7377
	C	4949,4950	ACH7359
	C	4956	ACE7097
C	C	4961,4975	ACE7130
	C	4971,5071	CEAK100M50
	C	4980,5080,5180	ACE7096
	C	5000	CFHXSQ102J50
	C	5184	ACH7388

S D AMP ASSY (SC-LX89)

SEMICONDUCTORS



IC 4001	BU7262SFVM
IC 4003	NJM78M05DL1A
IC 4004	TC74VHCT08AFKS1
IC 4005	TA76L431FB
IC 4007	BU4094BCFV

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Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	
⚠	IC	4008	NJM78M06DL1A					
⚠	IC	4009	NJM79M06DL1A	D	4017,4021		DZ2J180M0	
	IC	4100,4200,4300,4400	TLC071IDR	D	4102,4202,4302,4402		DZ2J130M0	
⚠	IC	4101,4201,4301,4401	IRS20957SPBFS1	D	4108,4109,4208,4209		RF101L2S	
	IC	4202,4402,4602,4702	NJM4585M	D	4116,4119,4216,4219		1SS355	
				D	4117,4217,4317,4417		RF071M2S	
	IC	4500,4600,4700,4800	TLC071IDR					
⚠	IC	4501,4601,4701,4801	IRS20957SPBFS1	D	4118,4218,4318,4418		CMH07	
	IC	4802	NJM4585M	D	4308,4309,4408,4409		RF101L2S	
	IC	4900	TLC071IDR	D	4316,4319,4416,4419		1SS355	
⚠	IC	4901	IRS20957SPBFS1	D	4502,4602,4702,4802		DZ2J130M0	
				D	4508,4509,4608,4609		RF101L2S	
	IC	4905	TC7SET08FUS1					
Q	4000,4002,4003,4036	DTC124EUA		D	4516,4519,4616,4619		1SS355	
Q	4001,4020,4026,4030	2SA1576A		D	4517,4617,4717,4817		RF071M2S	
Q	4004,4006,4008,4010	DTA124EUA		D	4518,4618,4718,4818		CMH07	
Q	4005,4007,4009,4011	DTC114TUA		D	4708,4709,4808,4809		RF101L2S	
				D	4716,4719,4816,4819		1SS355	
Q	4012,4013,4035	HN1A01FU						
Q	4014,4016,4027-4029	HN1C01FU		D	4902		DZ2J130M0	
Q	4015,4017,4021-4023	2SC4081		D	4908,4909		RF101L2S	
Q	4018,4031	DTA124EUA		D	4916,4919		1SS355	
Q	4019,4032	DTC114TUA		D	4917		RF071M2S	
				D	4918		CMH07	
Q	4024	2SC3906K		MISCELLANEOUS				
Q	4025,4037,4038	2SC4081		L	4100,4200,4300,4400 OTHER COIL		ATH7090	
⚠	Q	4100,4200,4300,4400	2SD2704K	L	4500,4600,4700,4800 OTHER COIL		ATH7090	
Q	4101,4102,4201,4202	IRF6775MPBFS1		L	4900 OTHER COIL		ATH7090	
Q	4103-4106,4108,4117	2SC4081		JA	4101 SP TERMINAL 6-P(V0)		AKE7148	
				JA	4301,4501 SP TERMINAL 4-P(V0)		AKE7147	
Q	4107,4111,4114,4207	2SA1576A						
⚠	Q	4109,4209,4309,4409	2SC2412K	JA	4901,5101 SP TERMINAL 4-P(V0)		AKE7147	
Q	4110,4210,4310,4410	2SA1514K		KN	4000 WRAPPING TERMINAL		CKF1089	
Q	4112,4312,4512,4712	2SC2412K		KN	4100,4200,4300,4400 SCREW PLATE		VNE1948	
Q	4203-4206,4208,4217	2SC4081		KN	4500,4900 SCREW PLATE		VNE1948	
				RY	4100,4300,4500,4700 RELAY		XSR3015	
Q	4211,4214,4307,4311	2SA1576A		RY	4900,5000 RELAY		XSR3015	
⚠	Q	4301,4302,4401,4402	IRF6775MPBFS1	CN	4000 CONNECTOR		9604S-19C	
Q	4303-4306,4308,4317	2SC4081		CN	4001 PLUG		CKS-557	
Q	4314,4407,4411,4414	2SA1576A		CN	4002 PLUG(2P)		KM200NA2	
Q	4403-4406,4408,4417	2SC4081		CN	4003 PLUG(4P)		KM200NA4	
Q	4500,4600,4700,4800	2SD2704K		CN	4004 PLUG(7P)		KM200NA7	
⚠	Q	4501,4502,4601,4602	IRF6775MPBFS1	CN	4100,4200,4300,4400 5P PLUG		KM200IB5	
Q	4503-4506,4508,4517	2SC4081		CN	4500,4600,4700,4800 5P PLUG		KM200IB5	
Q	4507,4511,4514,4607	2SA1576A		CN	4900 5P PLUG		KM200IB5	
⚠	Q	4509,4609,4709,4809	2SC2412K					
Q	4510,4610,4710,4810	2SA1514K		RESISTORS				
Q	4603-4606,4608,4617	2SC4081		R	4000,4027,4078,4079		RS1/10SR1802F	
Q	4611,4614,4707,4711	2SA1576A		R	4007,5053,5099,5152		RS1/4SA100J	
⚠	Q	4701,4702,4801,4802	IRF6775MPBFS1	R	4057		RS1/8SQ471J	
Q	4703-4706,4708,4717	2SC4081		R	4060		RS1/10SR5602F	
				R	4061		RS1/10SR3302F	
Q	4714,4807,4811,4814	2SA1576A						
Q	4803-4806,4808,4817	2SC4081		R	4083,4128,4228,4328		RS1/4SA222J	
Q	4900	2SD2704K		R	4090		RS1/10SR1802F	
⚠	Q	4901,4902	IRF6775MPBFS1	R	4102-4105,4202-4205		RS1/10SR8201D	
Q	4903-4906,4908,4917	2SC4081		R	4107,4207,4307,4407		ACE7096	
				R	4109,4209,4309,4409		RS1/8SQ331J	
Q	4907,4911,4914	2SA1576A						
⚠	Q	4909	2SC2412K	R	4110,4210,4310,4410		RS1/8SQ223J	
Q	4910	2SA1514K		R	4111,4211,4311,4411		RS1/10SR4700F	
Q	4912,5012,5013,5015	2SC2412K		R	4112,4212,4312,4412		RS1/8SQ473J	
Q	5014,5016	2SC4081		R	4115,4215,4315,4415		ACN7192	
				R	4116,4190,4216,4290		ACN7218	
Q	5018,5020,5022	HN1K02FU						
D	4005,4016,4022,4023	1SS355		R	4119,4122,4123,4167		RS1/10SR1001F	
D	4011,4012	DAN202U		R	4120,4220,4320,4420		RS1/10SR1800F	
D	4013,4014,4018,4019	DZ2J240M0		R	4125,4126,4225,4226		ACN7094	
D	4015,4020	DZ2J270M0						

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	R	4129,4229,4329,4429	RS1/8SQ222J	R	4510,4610,4710,4810	RS1/8SQ223J	
	R	4130,4134,4230,4234	RS1/8SQ103J	R	4511,4611,4711,4811	RS1/10SR4700F	
				R	4512,4612,4712,4812	RS1/8SQ473J	
	R	4131,4231,4331,4431	RS1/8SQ123J				
	R	4132,4232,4332,4432	RS1/8SQ133J	R	4515,4615,4715,4815	ACN7192	
	R	4133,4144,4233,4244	ACN7197	R	4516,4590,4616,4690	ACN7218	
B	R	4135,4235,4335,4435	RS1/8SQ752J	R	4519,4522,4523,4567	RS1/10SR1001F	
	R	4136,4236,4336,4436	RS1/8SQ242J	R	4520,4620,4720,4820	RS1/10SR1800F	
				R	4525,4526,4625,4626	ACN7094	
	R	4137,4141,4237,4241	ACN7165				
	R	4138,4238,4338,4438	RS1/8SQ8R2J	R	4529,4629,4729,4829	RS1/8SQ222J	
	R	4139,4193,4239,4293	RS1/8SQ1R2J	R	4530,4534,4630,4634	RS1/8SQ103J	
C	R	4140,4240,4340,4440	RS1/4SA270J	R	4531,4631,4731,4831	RS1/8SQ123J	
	R	4142,4143,4242,4243	ACN7189	R	4532,4632,4732,4832	RS1/8SQ133J	
				R	4533,4544,4633,4644	ACN7197	
	R	4145,4245,4345,4445	RS1/10SR8201F				
	R	4148,4248,4348,4448	RS1/10SR3001F	R	4535,4635,4735,4835	RS1/8SQ752J	
	R	4150,4250,4350,4450	RS1/10SR1100F	R	4536,4636,4736,4836	RS1/8SQ242J	
D	R	4151,4194,4251,4294	ACN7196	R	4537,4541,4637,4641	ACN7165	
	R	4152,4252,4352,4452	RS1/10SR6802F	R	4538,4638,4738,4838	RS1/8SQ8R2J	
				R	4539,4593,4639,4693	RS1/8SQ1R2J	
	R	4154,4254,4354,4454	ACN7186				
	R	4155,4255,4355,4455	RS1/10SR1003F	R	4540,4640,4740,4840	RS1/4SA270J	
	R	4156,4256,4356,4456	RS1/10SR2402F	R	4542,4543,4642,4643	ACN7189	
E	R	4157,4257,4357,4457	RS1/10SR2203F	R	4545,4645,4745,4845	RS1/10SR8201F	
	R	4162,4262,4362,4462	RS1/4SA123J	R	4548,4648,4748,4848	RS1/10SR3001F	
				R	4550,4650,4750,4850	RS1/10SR1100F	
	R	4163,4263,4363,4463	RS1/10SR2701F				
	R	4166,4266,4366,4466	RS1/10SR1002F	R	4551,4594,4651,4694	ACN7196	
	R	4168,4268,4368,4468	RS1/10SR7502F	R	4552,4652,4752,4852	RS1/10SR6802F	
F	R	4169,4269,4369,4469	RS1/10SR3902F	R	4554,4654,4754,4854	ACN7186	
	R	4176,4177,4276,4277	RS1/4SA2R4J	R	4555,4655,4755,4855	RS1/10SR1003F	
				R	4556,4656,4756,4856	RS1/10SR2402F	
	R	4178,4179,4278,4279	RS1/4SA2R2J				
	R	4181,4281,4381,4481	NTCG104KF104FB	R	4557,4657,4757,4857	RS1/10SR2203F	
	R	4183,4383,4583,4883	RS1/4SA390J	R	4562,4662,4762,4862	RS1/4SA123J	
G	R	4186,4286,4386,4486	RS1/8SQ151J	R	4563,4663,4763,4863	RS1/10SR2701F	
	R	4187,4188,4287,4288	ACN7180	R	4566,4666,4766,4866	RS1/10SR1002F	
				R	4568,4668,4768,4868	RS1/10SR7502F	
	R	4191,4291,4391,4491	RS1/8SQ823J				
	R	4192,4292,4392,4492	RS1/8SQ105J	R	4569,4669,4769,4869	RS1/10SR3902F	
	R	4195,4196,4295,4296	RS1/8SQ2R2J	R	4576,4577,4676,4677	RS1/4SA2R4J	
H	R	4197,4198,4297,4298	RS1/8SQ3R0J	R	4578,4579,4678,4679	RS1/4SA2R2J	
	R	4219,4222,4223,4267	RS1/10SR1001F	⚠	4581,4681,4781,4881	NTCG104KF104FB	
				R	4586,4686,4786,4886	RS1/8SQ151J	
	R	4283,4483,4683,4983	RS1/4SA470J				
	R	4302-4305,4402-4405	RS1/10SR8201D	R	4587,4588,4687,4688	ACN7180	
	R	4316,4390,4416,4490	ACN7218	R	4591,4691,4791,4891	RS1/8SQ823J	
I	R	4319,4322,4323,4367	RS1/10SR1001F	R	4592,4692,4792,4892	RS1/8SQ105J	
	R	4325,4326,4425,4426	ACN7094	R	4595,4596,4695,4696	RS1/8SQ2R2J	
				R	4597,4598,4697,4698	RS1/8SQ3R0J	
	R	4330,4334,4430,4434	RS1/8SQ103J				
	R	4333,4344,4433,4444	ACN7197	R	4619,4622,4623,4667	RS1/10SR1001F	
	R	4337,4341,4437,4441	ACN7165	R	4702-4705,4802-4805	RS1/10SR8201D	
J	R	4339,4393,4439,4493	RS1/8SQ1R2J	R	4716,4790,4816,4890	ACN7218	
	R	4342,4343,4442,4443	ACN7189	R	4719,4722,4723,4767	RS1/10SR1001F	
				R	4725,4726,4825,4826	ACN7094	
	R	4351,4394,4451,4494	ACN7196				
	R	4376,4377,4476,4477	RS1/4SA2R4J	R	4730,4734,4830,4834	RS1/8SQ103J	
	R	4378,4379,4478,4479	RS1/4SA2R2J	R	4733,4744,4833,4844	ACN7197	
K	R	4387,4388,4487,4488	ACN7180	R	4737,4741,4837,4841	ACN7165	
	R	4395,4396,4495,4496	RS1/8SQ2R2J	R	4739,4793,4839,4893	RS1/8SQ1R2J	
				R	4742,4743,4842,4843	ACN7189	
	R	4397,4398,4497,4498	RS1/8SQ3R0J				
	R	4419,4422,4423,4467	RS1/10SR1001F	R	4751,4794,4851,4894	ACN7196	
	R	4428,4528,4628,4728	RS1/4SA222J	R	4776,4777,4876,4877	RS1/4SA2R4J	
L	R	4447,5006-5008,5010	RS1/4SA105J	R	4778,4779,4878,4879	RS1/4SA2R2J	
	R	4502-4505,4602-4605	RS1/10SR8201D	R	4787,4788,4887,4888	ACN7180	
				R	4795,4796,4895,4896	RS1/8SQ2R2J	
	R	4507,4607,4707,4807	ACE7096				
	R	4509,4609,4709,4809	RS1/8SQ331J	R	4797,4798,4897,4898	RS1/8SQ3R0J	

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Mark	No.	Description	Part No.	Mark	No.	Description	Part No.		Mark	No.	Description
	R	4819,4822,4823,4867	RS1/10SR1001F		R	5092	RS1/8SQ100J				
	R	4828,4928,5037	RS1/4SA222J		R	5094	RS1/4SA224J				
	R	4902-4905	RS1/10SR8201D		R	5100,5104,5108,5112	RS1/4SA104J				
	R	4907,5059,5159	ACE7096		R	5116,5120,5124,5128	RS1/4SA104J		A		
					R	5132	RS1/4SA104J				
	R	4909,5038,5052	RS1/8SQ331J								
	R	4910,5015,5023	RS1/8SQ223J		R	5141-5149	RS1/4SA183J				
	R	4911	RS1/10SR4700F		R	5153,5155	RS1/4SA390J				
	R	4912,5017,5025	RS1/8SQ473J		R	5154,5156	RS1/4SA470J				
	R	4915	ACN7192		R	5157,5168,5182	RS1/4SA100J				
						Other Resistors	RS1/10SR###J				
	R	4916,4990	ACN7218		CAPACITORS						
	R	4919,4922,4923,4967	RS1/10SR1001F		C	4008,4010,4036,4052	CEAK101M16				
	R	4920	RS1/10SR1800F		C	4009	CCSRCH150J50				
	R	4925,4926	ACN7094		C	4013,4044,4048	ACE7107				
	R	4929,5039,5040,5063	RS1/8SQ222J		C	4016	CCSRCH120J50		B		
					C	4022	ACE7090				
	R	4930,4934,5029,5030	RS1/8SQ103J								
	R	4931	RS1/8SQ123J		C	4023,5185	CEHVW100M16				
	R	4932	RS1/8SQ133J		C	4024	ACH1479				
	R	4933,4944	ACN7197		C	4025	ACE7100				
	R	4935	RS1/8SQ752J		C	4026,4029,4035,4073	CFHXSQ103J16				
					C	4040,4128,4228,4328	CCH1814				
	R	4936	RS1/8SQ242J								
	R	4937,4941	ACN7165		C	4045,4067,4068,4085	ACE7101				
	R	4938	RS1/8SQ8R2J		C	4053,4081,4166,4167	CEAK101M16				
	R	4939,4993	RS1/8SQ1R2J		C	4057-4062	ACH7400				
	R	4940	RS1/4SA270J		C	4063,4116,4216,4316	ACH7389				
					C	4065,4066,4069,4070	ACH7388		C		
	R	4942,4943	ACN7189								
	R	4945	RS1/10SR8201F		C	4074,4109,4121,4122	CFHXSQ103J16				
	R	4948	RS1/10SR3001F		C	4077	ACE7112				
	R	4950	RS1/10SR1100F		C	4078,4079,4159,4160	ACE7108				
	R	4951,4994	ACN7196		C	4083,4084	ACE7082				
					C	4091	CFHXS101J16				
	R	4952	RS1/10SR6802F								
	R	4954	ACN7186		C	4097	CCSRCH100D50				
	R	4955	RS1/10SR1003F		C	4098,4099,4120,4123	CFHXSQ102J50				
	R	4956	RS1/10SR2402F		C	4100,4200,4300,4400	CFTLA104J2A				
	R	4957	RS1/10SR2203F		C	4101,4201,4301,4401	CFTLA474J2A				
					C	4108,4208,4308,4408	ACH7320		D		
	R	4962	RS1/4SA123J								
	R	4963	RS1/10SR2701F		C	4119,4219,4319,4419	ACE7133				
	R	4966,5001	RS1/10SR1002F		C	4126,4226,4326,4426	CFHXSQ101J50				
	R	4968	RS1/10SR7502F		C	4130,4134,4136,4230	ACH7377				
	R	4969	RS1/10SR3902F		C	4149,4150,4249,4250	ACH7359				
					C	4156,4256,4356,4456	ACE7097				
	R	4976,4977	RS1/4SA2R4J								
	R	4978,4979	RS1/4SA2R2J		C	4161,4175,4261,4275	ACE7130				
⚠	R	4981	NTCG104KF104FB		C	4171,4371,4571,4771	CEAK100M50				
	R	4986	RS1/8SQ151J		C	4180,4280,4380,4480	ACE7096				
	R	4987,4988,5003,5004	ACN7180		C	4209,4221,4222,4309	CFHXSQ103J16				
					C	4220,4223,4320,4323	CFHXSQ102J50				
	R	4991	RS1/8SQ823J								
	R	4992,5183-5187	RS1/8SQ105J		C	4234,4236,4330,4334	ACH7377				
	R	4995,4996	RS1/8SQ2R2J		C	4259,4260,4359,4360	ACE7108				
	R	4997,4998	RS1/8SQ3R0J		C	4266,4267,4366,4367	CEAK101M16				
	R	5000	RS1/10SR1001F		C	4321,4322,4409,4421	CFHXSQ103J16				
					C	4336,4430,4434,4436	ACH7377				
	R	5009	RS1/4SA751J								
	R	5011,5018	RS1/8SQ563J		C	4349,4350,4449,4450	ACH7359				
	R	5012,5016,5020,5021	RS1/8SQ104J		C	4361,4375,4461,4475	ACE7130				
	R	5013,5019	RS1/8SQ224J		C	4416,4516,4616,4716	ACH7389				
	R	5014,5022	RS1/8SQ683J		C	4420,4423,4520,4523	CFHXSQ102J50				
					C	4422,4509,4521,4522	CFHXSQ103J16				
	R	5024	RS1/8SQ104J								
	R	5026	ACN7180		C	4428,4528,4628,4728	CCH1814				
	R	5041	RS1/4SA1R5J		C	4459,4460,4559,4560	ACE7108				
	R	5066	RS1/8SQ222J		C	4466,4467,4566,4567	CEAK101M16				
	R	5068,5071	RS1/4SA331J		C	4500,4600,4700,4800	CFTLA104J2A				

Mark	No.	Description	Part No.
A	C	4501,4601,4701,4801	CFTLA474J2A
	C	4508,4608,4708,4738	ACH7320
	C	4519,4619,4719,4819	ACE7133
	C	4526,4626,4726,4826	CFHXSQ101J50
	C	4530,4534,4536,4630	ACH7377
B	C	4549,4550,4649,4650	ACH7359
	C	4556,4656,4756,4856	ACE7097
	C	4561,4575,4661,4675	ACE7130
	C	4580,4680,4780,4880	ACE7096
	C	4609,4621,4622,4709	CFHXSQ103J16
C	C	4620,4623,4720,4723	CFHXSQ102J50
	C	4634,4636,4730,4734	ACH7377
	C	4659,4660,4759,4760	ACE7108
	C	4666,4667,4766,4767	CEAK101M16
	C	4714,4721,4722,4809	CFHXSQ103J16
D	C	4736,4830,4834,4836	ACH7377
	C	4749,4750,4849,4850	ACH7359
	C	4761,4775,4861,4875	ACE7130
	C	4808,4908	ACH7320
	C	4816,4916	ACH7389
E	C	4820,4823,4920,4923	CFHXSQ102J50
	C	4821,4822,4909,4921	CFHXSQ103J16
	C	4828,4928	CCH1814
	C	4859,4860,4959,4960	ACE7108
	C	4866,4867,4966,4967	CEAK101M16
F	C	4900	CFTLA104J2A
	C	4901	CFTLA474J2A
	C	4919	ACE7133
	C	4922,5186	CFHXSQ103J16
	C	4926	CFHXSQ101J50
G	C	4930,4934,4936	ACH7377
	C	4949,4950	ACH7359
	C	4956	ACE7097
	C	4961,4975	ACE7130
	C	4971,5071	CEAK100M50
H	C	4980,5080,5180	ACE7096
	C	5000	CFHXSQ102J50
	C	5184	ACH7388

Mark	No.	Description	Part No.
△	RY 71	POWER RELAY	ASR7034
△	T 1	POWER TRANSFORMER	ATK7006
△	CN 81	CONNECTOR	B2P3-VH
	1	HEAT SINK(AL)	ANH7224
	2	SCREW	BBZ30P080FCC
	JP 51	HOUSING	ADX7812
△	PC 1	PHOTO COUPLER	TLP781

RESISTORS

R	1	RS1LMF680J
R	2	ACN7200
R	3	RS1LMFR68J
R	5	RS1/8SQ120J
R	6	RS1/8SQ102J
△	R 9-11	ACN7173
R	53	RS1/10SR3001F
R	54	RS1/10SR7501F
R	56	RS1/10SR8201F
R	57	ACN7180
R	74,75	RS1/8SQ105J
Other Resistors		RS1/10SR###J

CAPACITORS

△	C 1	ACE7071
	C 3	ACH7342
	C 4	ACE7095
	C 5	ACH7385
	C 6	ACG7112
△	C 12,21	VCG1046
	C 52	BCH1044
	C 53	CKSRBY104K50
	C 56	ACE7100
	C 58	ACH7369
	C 61	CCSRCH100D50
	C 62	DCH1330
	C 66	CCSQCH330J50
△	C 73	XCG3010
	C 74,75	CCSRCH220J50

U PRIMARY SHIELD ASSY (SC-97,SC-LX79)

MISCELLANEOUS

KN 5751	SCREW PLATE	VNE1948
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V REG ASSY (SC-99)

SEMICONDUCTORS

△	IC 7501,7611	NJM78M12FA
△	IC 7502	NJM79M12FA
△	IC 7601	NJM78M05FA
△	D 7501-7504,7611-7613	1SR154-400
	D 7505,7506	1SS355
△	D 7601	D3SBA60
△	D 7621-7623	1SR154-400
	D 7624,7627	DZ2J051M0
	D 7625	PTZ22

MISCELLANEOUS

H 7501-7504,7601-7604	FUSE CLIP	AKR1004
CN 7501,7601	5P TOP POST	B5B-EH
CN 7502	PLUG(5P)	KM200NA5
CN 7602	PLUG(7P)	KM200NA7
CN 7603	PLUG(4P)	KM200NA4

T PRIMARY ASSY (SC-99,SC-97)

SEMICONDUCTORS

△	IC 1	STR2A153
△	IC 52	NJM1431AF
	Q 71	2SD2704K
E	D 1	D2SB60A
△	D 2,5	SARS01LF-F7
△	D 3	SJPL-D2
	D 4	KDZ36B
△	D 50	FMEN-220A
	D 71,72	1SS355

MISCELLANEOUS

△	L 1	LINE FILTER	ATF7046
	L 51	COIL	ATH7080
△	L 71	LINE FILTER	XTF3004
	H 1,2,71,72	FUSE CLIP	AKR1004
F	JA 71	AC INLET ASSY	ADX7513
	KN 1,2	SCREW PLATE	VNE1948
	KN 50,52	EARTH TERMINAL	AKF7002

Mark	No.	Description	Part No.
		JH 7502,7602 PCB BINDER	AEF7008
<u>RESISTORS</u>			
	R	7621	RS1/10SR473J
	R	7622	RD1/4MUF391J
	R	7624,7625,7631,7634	RS1/4SA105J
	Other Resistors		RS1/8SQ###J
<u>CAPACITORS</u>			
	C	7501,7511	CEAK332M25
	C	7504-7506,7609	CFTLA394J50
	C	7507,7508,7623	CEAK221M35
	C	7601	CEAK472M16
	C	7605,7624	CEAK101M16
	C	7611	CEAK102M35
	C	7612	CEAK471M35
	C	7614	CEAK100M50
	C	7621	ACH7358
	C	7622	CEAK101M35
	C	7625	CEAK101M50
	C	7627	CCSQCH101J50
	C	7629	CFTLA104J50
	C	7632	RS1/8SQ225J

W IR REG_M ASSY (SC-99)

SEMICONDUCTORS

⚠	IC 7251	NJM78M12FA
⚠	IC 7252	NJM79M12FA
⚠	IC 7271	NJM78M08FA
⚠	IC 7272	NJM79M08FA
⚠	IC 7273	NJM78M15FA

Q 7203,7204,7207,7221	DTC124EUA
Q 7205,7206,7224	DTA124EUA
 Q 7211	2SD2400A
 Q 7212	2SB1569A
Q 7222	DTA143EUA

Q 7223,7225,7226	DTC124EUA
D 7213,7214	DZ2J075M0
D 7215,7216	1SR154-400
D 7219,7220	1SS355
D 7251-7254,7271-7274	1SR154-400

MISCELLANEOUS

H 7201-7204,7251-7254 FUSE CLIP	AKR1004
CN 7201 8P TOP POST	B8B-EH
CN 7251 PLUG(7P)	KM200NA7
CN 7271 PLUG(4P)	KM200NA4
CN 7291 PLUG(3P)	KM200NA3

JH 7251-7253 PCB BINDER AEF7008

RESISTORS

R 7211,7213	RD1/4MUF102J
R 7255	RS1/8SQ1R5J
R 7256	RS1/8SQ1R0J
R 7258,7259,7273	RS1/4SA105J
R 7272	ACN7180

R 7274	RS1/4SA102J
Other Resistors	RS1/10SR###J

CAPACITORS

C 7213,7214	CEAK101M16
C 7215,7219	CEAK100M50

<u>Mark</u>	<u>No.</u>	<u>Description</u>	<u>Part No.</u>
	C	7221	CEAK470M25
	C	7222,7294	CCSQCH471J50
	C	7250	CFTLA394J50
	C	7251,7252	CEAK222M25
	C	7255,7256,7298	CEAK221M35
	C	7270	CFTLA474J2A
	C	7271,7272	CEAK222M16
	C	7275,7276	CEAK221M16
	C	7277,7278	ACE7097

X B DIODE ASSY (SC-99,SC-LX89)
SEMICONDUCTORS

 D 7400.7401 LN6SB60-4003

MISCELLANEOUS

CN7400 PLUG	CKS-556
CN7401 PLUG	CKS-557
7400,7401 HEAT SINK	ANH7250
7402,7403 SCREW	JBZ30P080FCC

RESISTORS

R 7402	RD1/4MUF100J
R 7403,7404	ACN7180
Other Resistors	BS1/4SA###J

CAPACITORS

C 7400,7401	ACH7319
C 7402,7403	CFTLA104J2A

Y CONNECT_M ASSY (SC-99,SC-97)
MISCELLANEOUS

CN7951	B TO B CONNECTOR	AKM7225
CN7952	B TO B CONNECTOR	AKM7222
CN7953	B TO B 13PIN JACK	AKN7068
CN7954	B TO B 19PIN JACK	AKN7071

RESISTORS

All Resistors RS1/10SR###J

CAPACITORS

C 7951	CCSRCH100D50
C 7956	CCSRCH5R0C50

Z FB CONNECT ASSY
MISCELLANEOUS

CN 7681	7P SOCKET	KP200IB7L
CN 7682	B TO B 17PIN JACK	AKN7070
CN 7683	7P PLUG	KM200IB7
CN 7684	B TO B 17PIN PLUG	AKM7104

RESISTORS

All Resistors RS1/10SR###J

AA PRE BRIDGE_M ASSY
MISCELLANEOUS

CN 6951.6952 24P PLUG AKM7173

Mark	No.	Description	Part No.
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AB A-DAC BRIDGE ASSY

MISCELLANEOUS

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

AC D-AUDIO BRIDGE ASSY

MISCELLANEOUS

CN 3771,3772 24P PLUG	AKM7173
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AD D-DAC BRIDGE ASSY

MISCELLANEOUS

CN 3781-3784 PLUG (30P)	BKM1035
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AE FRONT BRIDGE ASSY

MISCELLANEOUS

CN 7721 7P SOCKET	KP200IB7L
CN 7722 B TO B 17PIN JACK	AKN7070
CN 7723 PLUG(3P)	KM200NA3
CN 7724 CONNECTOR	9604S-15C

RESISTORS

All Resistors	RS1/10SR###J
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MISCELLANEOUS

JH 7721 PCB BINDER	AEF7008
JP 7725 7P HOUSING ASSY	ADX7729

CAPACITORS

C 7721,7724	CCSRCH101J50
C 7722,7725	CCSRCH331J50

AF DISPLAY BRIDGE ASSY (SC-99,SC-LX89)

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 7902,7903 39P CONNECTOR	VKN2097
JH 7901,7902 PCB BINDER	AEF7008

RESISTORS

R 7903,7907	RS1/8SQ105J
R 7921	RS1/8SQ224J
Other Resistors	RS1/10SR###J

CAPACITORS

C 7905	CCSQCH331J50
C 7906	CKSQYB103K50
C 7920,7921,7924	CCSRCH100D50
C 7927	CCSQCH101J50
C 7928	CKSQYB104K50

Mark	No.	Description	Part No.
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AG F-IN BRIDGE ASSY

SEMICONDUCTORS

Q 7161	2SC4081
D 7161,7162	1SS355

MISCELLANEOUS

CN 7661 B TO B 15PIN JACK	AKN7069
CN 7662 7P SOCKET	KP200IB7L
CN 7663 CONNECTOR	9604S-15C
CN 7664 L-PLUG(7P)	KM200NA7L
CN 7671,7672 18P PLUG	AKM7050

JH 7661 PCB BINDER	AEF7008
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RESISTORS

R 7667	RS1/4SA105J
Other Resistors	RS1/10SR###J

CAPACITORS

C 7168,7175	CCSRCH101J50
C 7171	CCSRCH330J50

AH MCH BRIDGE ASSY (SC-99,SC-LX89)

MISCELLANEOUS

CN 7671,7672 18P PLUG	AKM7050
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RESISTORS

All Resistors	RS1/10SR###J
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AI A REG BRIDGE ASSY (SC-99, SC-LX89)

MISCELLANEOUS

CN 5775 PLUG(5P)	KM200NA5
JH 5775,5776 PCB BINDER	AEF7008
JP 5775 HOUSING	ADX7773

RESISTORS

All Resistors	RS1/8SQ###J
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AJ MIC HP GUARD ASSY

MISCELLANEOUS

JH 5921,5924 PCB BINDER	AEF7008
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AK FAN CONNECT ASSY

MISCELLANEOUS

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

AL BIND DM CABLE_M ASSY

MISCELLANEOUS

JH 3551 PCB BINDER	AEF7008
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AM BIND B CABLE ASSY

BIND B CABLE ASSY has no service parts.

Mark	No.	Description	Part No.
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AN		FFC GUARD_M ASSY	
FFC GUARD_M ASSY has no service parts.			

A

AO		VREG GUARD ASSY	
VREG GUARD ASSY has no service parts.			

AP		PANEL GUARD ASSY	
PANEL GUARD ASSY has no service parts.			

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B

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