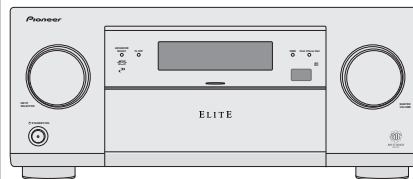


Pioneer

Service Manual



SC-57

ORDER NO.
RRV4195

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

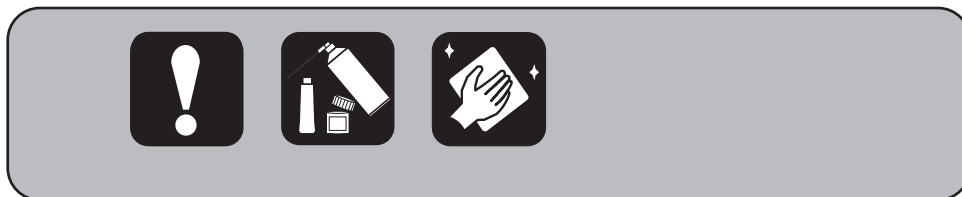
SC-57

SC-55

SC-1526-K

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

Model	Type	Power Requirement	Remarks
SC-57	UXJCB	AC 120V	
SC-55	UXJCB	AC 120V	
SC-1526-K	CUXJ	AC 120V	



PIONEER CORPORATION 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan

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PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 253 Alexandra Road, #04-01, Singapore 159936

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K-FZV AUG. 2011 Printed in Japan

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.

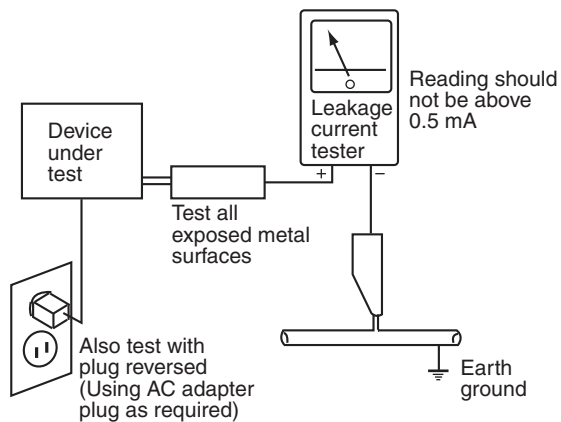
(FOR USA MODEL ONLY)

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.
- Compared with conventional eutectic solders, lead-free solders have higher melting points, by approximately 40 °C. Therefore, for lead-free soldering, the tip temperature of a soldering iron must be set to around 373 °C in general, although the temperature depends on the heat capacity of the PC board on which reworking is required and the weight of the tip of the soldering iron.

Do NOT use a soldering iron whose tip temperature cannot be controlled.

Compared with eutectic solders, lead-free solders have higher bond strengths but slower wetting times and higher melting temperatures (hard to melt/easy to harden).

The following lead-free solders are available as service parts:

- Parts numbers of lead-free solder:
 - GYP1006 1.0 in dia.
 - GYP1007 0.6 in dia.
 - GYP1008 0.3 in dia.

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.	Parts that is Difficult to Replace			
		Ref No.	FUNCTION	Part No.	Remarks
DIGITAL MAIN ASSY	AWX9827 (SC-57)	IC101	MAIN CPU	UPD61283F1-407LU2A	BGA
		IC903	HDMI RECEIVER	SII9233ACTU	IC with heat-pad
		IC905	HDMI SWITCH	SII9387CTU	IC with heat-pad
		IC1204	DIGITAL VIDEO FORMAT CONVERTER	88DE2750	BGA
		IC1212(MAIN)	DDR2-SDRAM	H5PS5162GFR-S5C-K	BGA
		IC1212 (SUB)	DDR2-SDRAM	K4T51163QI-HCE7	BGA
		JA1501	CONNECTOR (for BLUE TOOTH)	CKS5712-A	Land is under parts
		IC1602	HDMI TRANSMITTER	SII9136CTU	IC with heat-pad
		IC1603	HDMI TRANSMITTER	SII9136CTU	IC with heat-pad
		IC9002	1st DSP	D810K013BZKB400-K	BGA
		IC9702	2nd DSP	D810K013BZKB400-K	BGA
		IC9204	MEDIA PROCESSOR	DM860	BGA
		IC9203	LAN PHY	LAN8700C-AEZG	IC with heat-pad
		IC9205	FLASH ROM	AYW7346-A	MAC Address closed-door
		IR POWER AMP ASSY	AWH7030 (SC-57)	Q4101,4102	FET
Q4201,4202					
Q4301,4302					
Q4401,4402					
AWH7039 (SC-55) (SC-1526-K)	Q4501,4502	FET	IRF6775MPBF	Land is under parts	
	Q4601,4602				
	Q4701,4702				
	Q4801,4802				
		Q4901,4902			

1.3 CAUTION

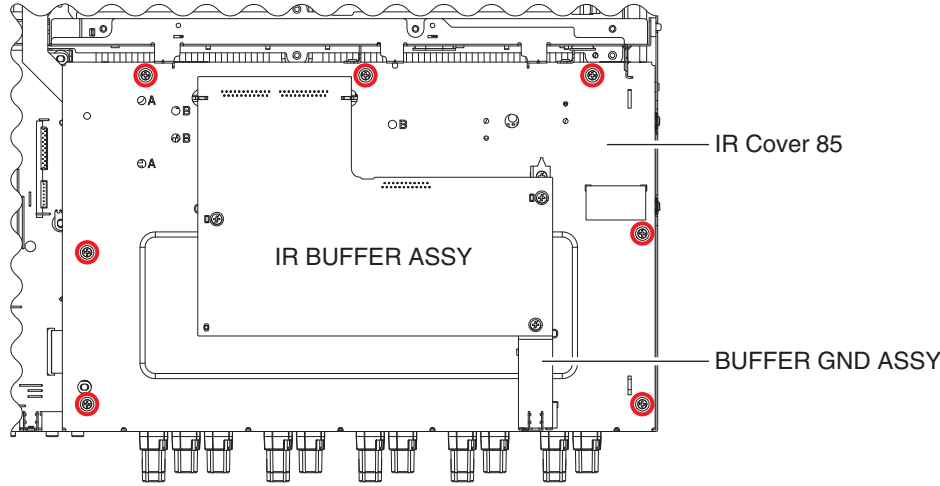
- **Discharging**
Before starting the diagnosis, wait for three minutes until the electricity of the unit is discharged.
- **Ground Points**
Please refer to page 51, "Ground Points".

1.4 NOTES ON ASSEMBLING

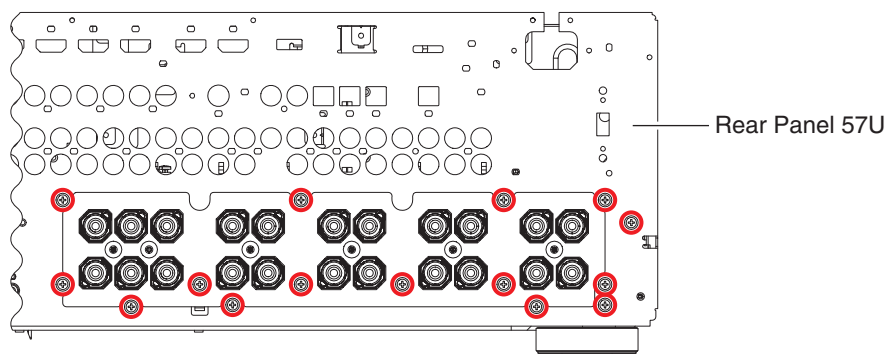
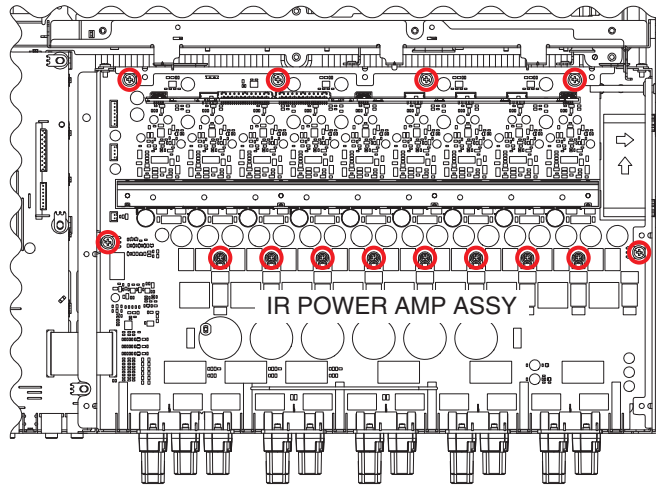
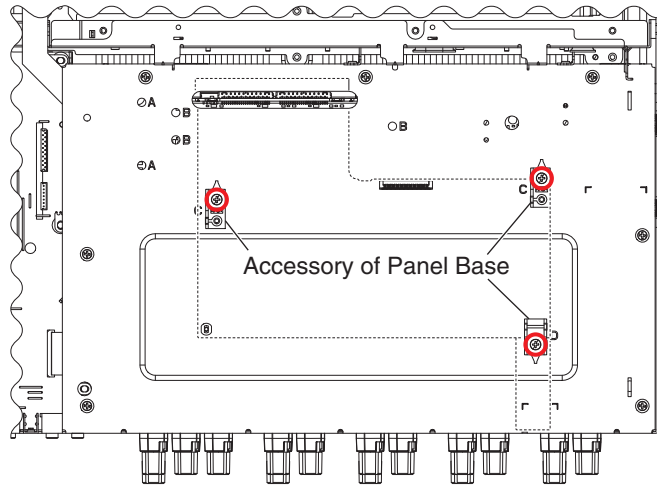
Note : The right and left positions for the attachment positioning of IR amplifier block are gradual, however, adjust the front and back positions correctly. For the positioning procedure, refer to "7. DISASSEMBLY".

When assembling the IR 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-57/SC-55 SPECIFICATIONS

Amplifier section

Continuous average power output of 140 watts* per channel, min., at 8 ohms, 1 kHz with no more than 0.08% total harmonic distortion.**

Multi channel simultaneous power output

(1 kHz, 1 %, 8Ω)

9 ch total.....810 W (SC-57)/720 W (SC-55)

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

Front 140 W + 140 W

Center..... 140W

Surround 140 W + 140 W

Surround back 140 W + 140 W

Front height/Front wide 140 W + 140 W

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

Front 180 W + 180 W

Center..... 180W

Surround 180 W + 180 W

Surround back 180 W + 180 W

Front height/Front wide..... 180 W + 180 W

Total harmonic distortion 0.04 %

(1 kHz, 130 W + 130 W, 8Ω)

Guaranteed speaker impedance..... 6Ω to 16Ω

** Measured pursuant to the Federal Trade*

Commission's Trade Regulation rule on Power

Output Claims for Amplifiers

*** Measured by Audio Spectrum Analyzer*

Audio Section

Input (Sensitivity/Impedance)

PHONO MM..... 5 mV/47 kΩ

LINE.....400 mV/47 kΩ

Output (Level/Impedance)

REC.....380mV/2.2 kΩ

Signal-to-Noise Ratio

(IHF, short circuited, A network)

LINE.....103 dB

Tuner Section

Frequency Range (FM) 87.5MHz to 108 MHz

Antenna Input (FM) 75Ω unbalanced

Frequency Range (AM)..... 531 kHz to 1602 kHz

Antenna (AM) Loop antenna (balanced)

Video Section

Signal level

Composite Video 1 Vp-p (75 Ω)

Component Video Y:1.0 Vp-p (75Ω),

PB/PR: 0.7 Vp-p (75Ω)

Corresponding maximum resolution

Component Video 1080p(1125p)
(Video convert off)

Digital In/Out Section

HDMI terminal 19-pin (Not DVI)

HDMI output type..... 5 V, 55 mA

USB terminal..... USB2.0 Full Speed (Type A)

iPod terminal USB, and Video (Composite)

SIRIUS antenna cable 8-pin mini DIN cable

ADAPTER PORT terminal 5 V, 100 mA

WIRELESS LAN ADAPTER terminal

..... 5 V, 600 mA

Integrated Control Section

Control (SR) terminal ø 3.5 Mini-jack (MONO)

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

EXTENSION terminal 5 V, 150 mA

Network Section

LAN terminal10 BASE-T/100 BASE-TX

Miscellaneous

Power requirements AC 120 V, 60 Hz

Power consumption..... 370 W

In standby..... 0.1 W

(HDMI Setup – Control : OFF)

0.3 W (HDMI Setup – Control : ON)

Dimensions

..... 435 mm (W) x 185.6 mm (H) x 440.3 mm (D)

(17 3/16 in. (W) x 7 5/16 in. (H) x 17 3/8 in. (D))

Weight (without package)

- SC-57..... 17.7 kg (39.0 lb)
- SC-55..... 17.4 kg (38.4 lb)

Number of Furnished Parts

- MCACC Setup microphone 1
- Remote control unit 1
- AAA size IEC R03 dry cell batteries 2
- iPod cable..... 1
- AM loop antenna..... 1
- FM wire antenna..... 1
- Warranty card 1
- Power cord
- CD-ROM (AV Navigator)
- These operating instructions



Note

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2.2 SC-1526-K SPECIFICATIONS

Amplifier section

Continuous average power output of 140 watts* per channel, min., at 8 ohms, 1 kHz with no more than 0.08% total harmonic distortion.**

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

9 ch total.....	720 W
Continuous Power Output (1 kHz, 8 Ω, 0.08 %)	
Front	140 W + 140 W
Center.....	140W
Surround	140 W + 140 W
Surround back	140 W + 140 W
Front height/Front wide	140 W + 140 W
Continuous Power Output (1 kHz, 6 Ω, 1.0 %)	
Front	180 W + 180 W
Center.....	180W
Surround	180 W + 180 W
Surround back	180 W + 180 W
Front height/Front wide	180 W + 180 W
Total harmonic distortion ... 0.04 % (1 kHz, 130 W + 130 W, 8 Ω)	
Guaranteed speaker impedance	6 Ω to 16 Ω

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

*** Measured by Audio Spectrum Analyzer*

Audio Section

Input (Sensitivity/Impedance)

PHONO MM.....	5 mV/47 k Ω
LINE.....	400 mV/47 k Ω

Output (Level/Impedance)

REC.....	380 mV/2.2 k Ω
----------	----------------

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

LINE.....	103 dB
-----------	--------

Tuner Section

Frequency Range (FM).....	87.5MHz to 108 MHz
Antenna Input (FM)	75 Ω unbalanced
Frequency Range (AM)	531 kHz to 1602 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.....	1080p(1125p) (Video convert off)
----------------------	-------------------------------------

Digital In/Out Section

HDMI terminal	19-pin (Not DVI)
HDMI output type.....	5 V, 55 mA
USB terminal.....	USB2.0 Full Speed (Type A)
iPod terminal.....	USB, and Video (Composite)
SIRIUS antenna cable.....	8-pin mini DIN cable
ADAPTER PORT terminal.....	5 V, 100 mA
WIRELESS LAN ADAPTER terminal	5 V, 600 mA

Integrated Control Section

Control (SR) terminal	ø 3.5 Mini-jack (MONO)
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
EXTENSION terminal	5 V, 150 mA

Network Section

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

Miscellaneous

Power requirements.....	AC 120 V, 60 Hz
Power consumption.....	370 W
In standby.....	0.1 W
	(HDMI Setup – Control : OFF)
 0.3 W (HDMI Setup – Control : ON)

Dimensions

..... 435 mm (W) x 185.6 mm (H) x 440.3 mm (D)

(17 3/16 in. (W) x 7 5/16 in. (H) x 17 3/8 in. (D))

Weight (without package)..... 17.4 kg (38.4 lb)

Number of Furnished Parts

MCACC Setup microphone 1

Remote control unit 1

AAA size IEC R03 dry cell batteries 2

iPod cable 1

AM loop antenna 1

FM wire antenna 1

Power cord

CD-ROM (AV Navigator)

These operating instructions



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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	Confirm whether the customer complain has been solved. If the customer complain occurs with the particular source, such as Dolby Digital, DTS, AAC, DVD-A and HDMI, input it for the operation check.	The customer complain must not be reappeared. Video, Audio and operations must be normal.
2	Check the analog audio playback. (Make the analog connections with a DVD player.)	Each channel audio and operations must be normal.
3	Check the digital audio playback. (Make the digital connections with a DVD player.)	Each channel audio and operations must be normal.
4	Check surround playback. (Select Surround mode and check the multichannel operations via the DSP circuit.)	Each channel audio and operations must be normal.
5	Check the video outputs. (Connect with a DVD player.)	Video and operations must be normal.
6	Check the tuner (AM and FM) operations.	Audio and operations must be normal.
7	Check the sound from headphone output.	Sound must be normal, without noise.
8	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	

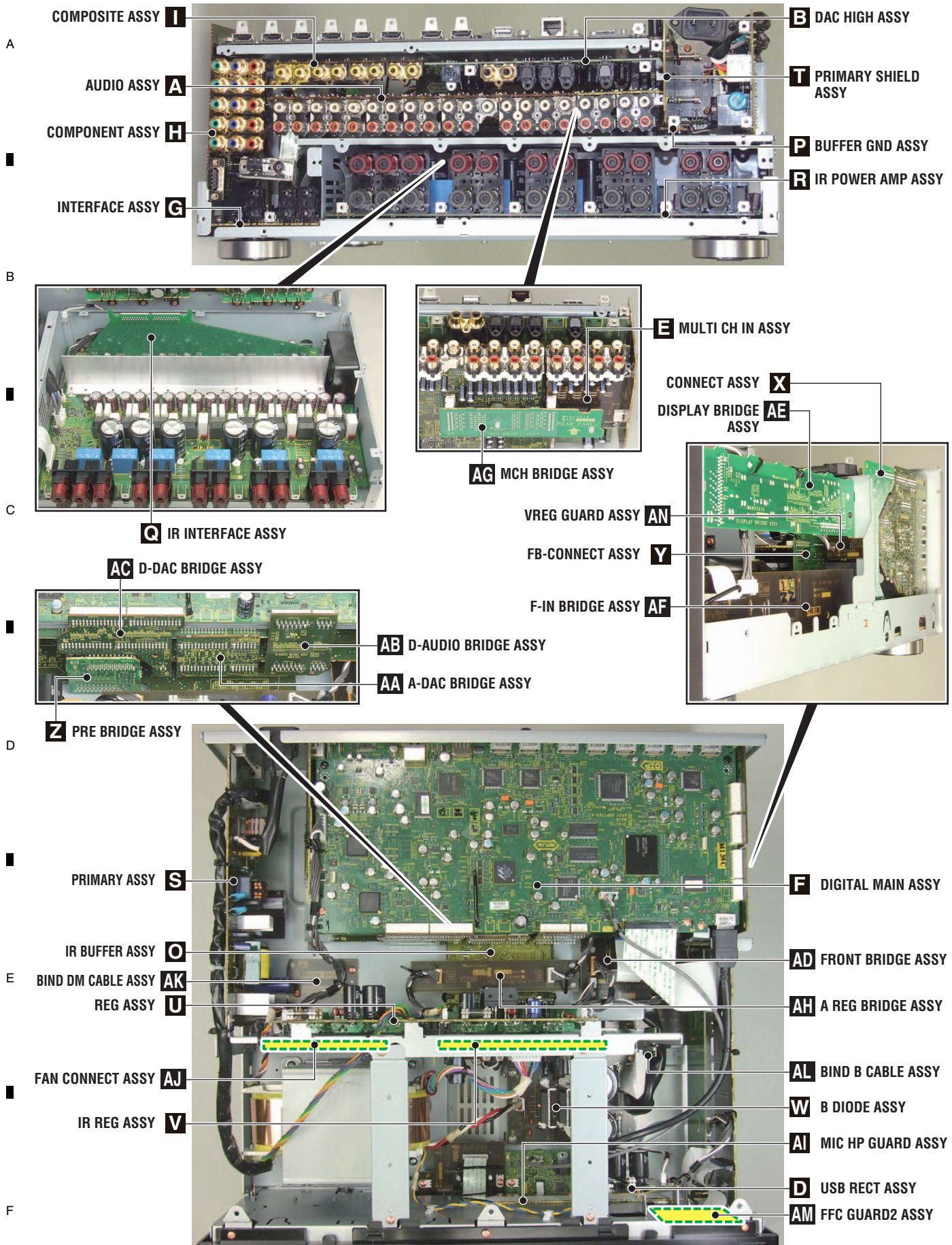
Cleaning

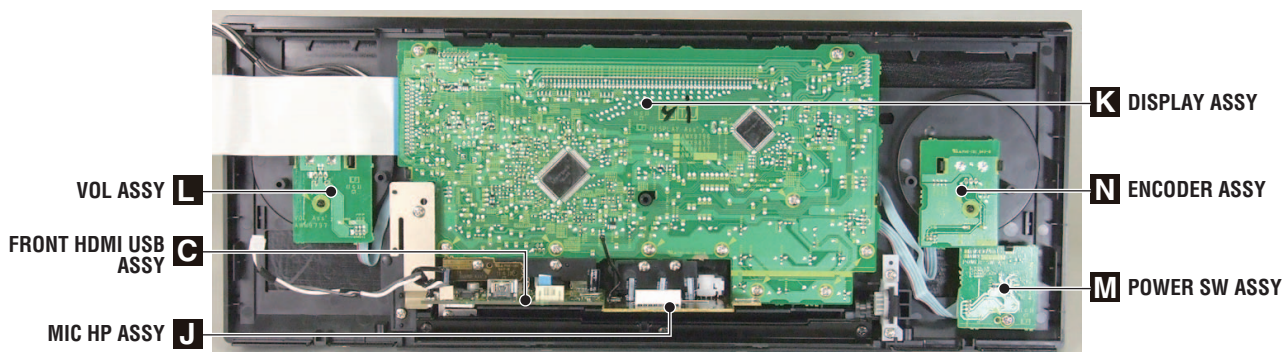


Before shipping out the product, be sure to clean the following positions by using the prescribed cleaning tools.

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

3.2 PCB LOCATIONS





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..IR POWER AMP ASSY(SC-57)	AWH7030	NSP	1..INTERFACE REG ASSY	AWR7111	
		1..IR POWER AMP ASSY(SC-55/SC-1526-K)	AWH7039		2..INTERFACE ASSY	AWX9805	
NSP	1..	IR BUFFER ASSY	AWM8249		2..IR REG ASSY	AWX9806	
	2..	IR BUFFER ASSY	AWX9793		2..B DIODE ASSY	AWX9808	
	2..	BUFFER GND ASSY	AWX9795		2..PRE BRIDGE ASSY	AWX9809	
NSP	1..	PRIM DISPLAY ASSY(SC-57/SC-55)	AWM8250	NSP	2..A REG BRIDGE ASSY	AWX9810	
	2..	DISPLAY ASSY	AWX9796	NSP	2..PRIMARY SHIELD ASSY	AWX9811	
	2..	VOL ASSY	AWX9797	NSP	2..BIND B CABLE ASSY	AWX9807	
	2..	POWER SW ASSY	AWX9798	NSP	2..FFC GUARD 2 ASSY	AWX9812	
	2..	PRIMARY ASSY	AWX9799	NSP	1..REG BRIDGE ASSY(SC-57)	AWR7112	
	2..	MIC HP ASSY	AWX9800		2..REG ASSY	AWX9813	
	2..	ENCODER ASSY	AWX9801		2..FRONT BRIDGE ASSY	AWX9814	
	2..	MIC HP GUARD ASSY	AWX9803		2..DISPLAY BRIDGE ASSY	AWX9815	
	2..	FAN CONNECT ASSY	AWX9804		2..F-IN BRIDGE ASSY	AWX9816	
	2..	BIND DM CABLE ASSY	AWX9863		2..MCH BRIDGE ASSY	AWX9818	
NSP	1..	PRIM DISPLAY ASSY(SC-1526-K)	AWM8267		2..FB-CONNECT ASSY	AWX9819	
	2..	DISPLAY ASSY	AWX9847		2..CONNECT ASSY	AWX9820	
	2..	VOL ASSY	AWX9797	NSP	2..USB RECT ASSY	AWX9821	
	2..	POWER SW ASSY	AWX9901	NSP	2..MULTI CH IN ASSY	AWX9857	
	2..	PRIMARY ASSY	AWX9799	NSP	2..VREG GUARD ASSY	AWX9895	
	2..	MIC HP ASSY	AWX9800	NSP	1..REG BRIDGE ASSY(SC-55/SC-1526-K)	AWR7117	
	2..	ENCODER ASSY	AWX9801		2..REG ASSY	AWX9813	
	2..	MIC HP GUARD ASSY	AWX9803		2..FRONT BRIDGE ASSY	AWX9814	
	2..	FAN CONNECT ASSY	AWX9804		2..DISPLAY BRIDGE ASSY	AWX9815	
	2..	BIND DM CABLE ASSY	AWX9863		2..F-IN BRIDGE ASSY	AWX9816	
NSP	1..	AUDIO COMPOSITE ASSY(SC-57)	AWR7106		2..FB-CONNECT ASSY	AWX9819	
	2..	D-AUDIO BRIDGE ASSY	AWX9769		2..CONNECT ASSY	AWX9820	
	2..	D-DAC BRIDGE ASSY	AWX9935	NSP	2..USB RECT ASSY	AWX9821	
	2..	A-DAC BRIDGE ASSY	AWX9936		2..VREG GUARD ASSY	AWX9895	
	2..	AUDIO ASSY	AWX9790		1..FRONT HDMI USB ASSY	AWX9749	
	2..	COMPOSITE ASSY	AWX9791		1..IR INTERFACE ASSY	AWX9792	
NSP	1..	AUDIO COMPOSITE ASSY(SC-55/SC-1526-K)	AWR7110		1..DAC HIGH ASSY(SC-57)	AWX9822	
	2..	D-AUDIO BRIDGE ASSY	AWX9769		1..DAC HIGH ASSY(SC-55/SC-1526-K)	AWX9860	
	2..	D-DAC BRIDGE ASSY	AWX9935		1..DIGITAL MAIN ASSY(SC-57)	AWX9827	
	2..	A-DAC BRIDGE ASSY	AWX9936		1..DIGITAL MAIN ASSY(SC-55/SC-1526-K)	AWX9824	
	2..	AUDIO ASSY	AWX9833		1..COMPONENT ASSY(SC-57)	AWX9866	
	2..	COMPOSITE ASSY	AWX9836		1..COMPONENT ASSY(SC-55/SC-1526-K)	AWX9865	
					1..FM/AM TUNER UNIT	AXX7282	

3.3 JIGS LIST

[1] Jigs List

A

Name	Jig No.	Remarks
39P FFC	GGD1681	Diagnosis for AUDIO ASSY, IR BUFFER ASSY, IR POWER AMP ASSY, IR INTERFACE ASSY
15P FFC	GGD1680	Diagnosis for AUDIO ASSY, IR BUFFER ASSY, IR POWER AMP ASSY, IR INTERFACE ASSY
30P + 30P board to board extension jig cable	GGD1682	Diagnosis for DIGITAL MAIN ASSY, AUDIO ASSY, DAC HIGH ASSY
28P + 14P board to board extension jig cable	GGD1763	Diagnosis for DAC HIGH ASSY
23P + 23P board to board extension jig cable	GGD1761	Diagnosis for AUDIO ASSY, IR BUFFER ASSY, IR POWER AMP ASSY
20P board to board extension jig cable	GGD1677	Diagnosis for DIGITAL MAIN ASSY, COMPOSITE ASSY
20P + 14P board to board extension jig cable	GGD1759	Diagnosis for DIGITAL MAIN ASSY, AUDIO ASSY, IR BUFFER ASSY, IR POWER AMP ASSY, IR INTERFACE ASSY
15P + 7P board to board extension jig cable	GGD1762	Diagnosis for DIGITAL MAIN ASSY, AUDIO ASSY
5P PH Housing Assy	GGD1594	Diagnosis for AUDIO ASSY, IR BUFFER ASSY, IR POWER AMP ASSY, IR INTERFACE ASSY

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SC-57

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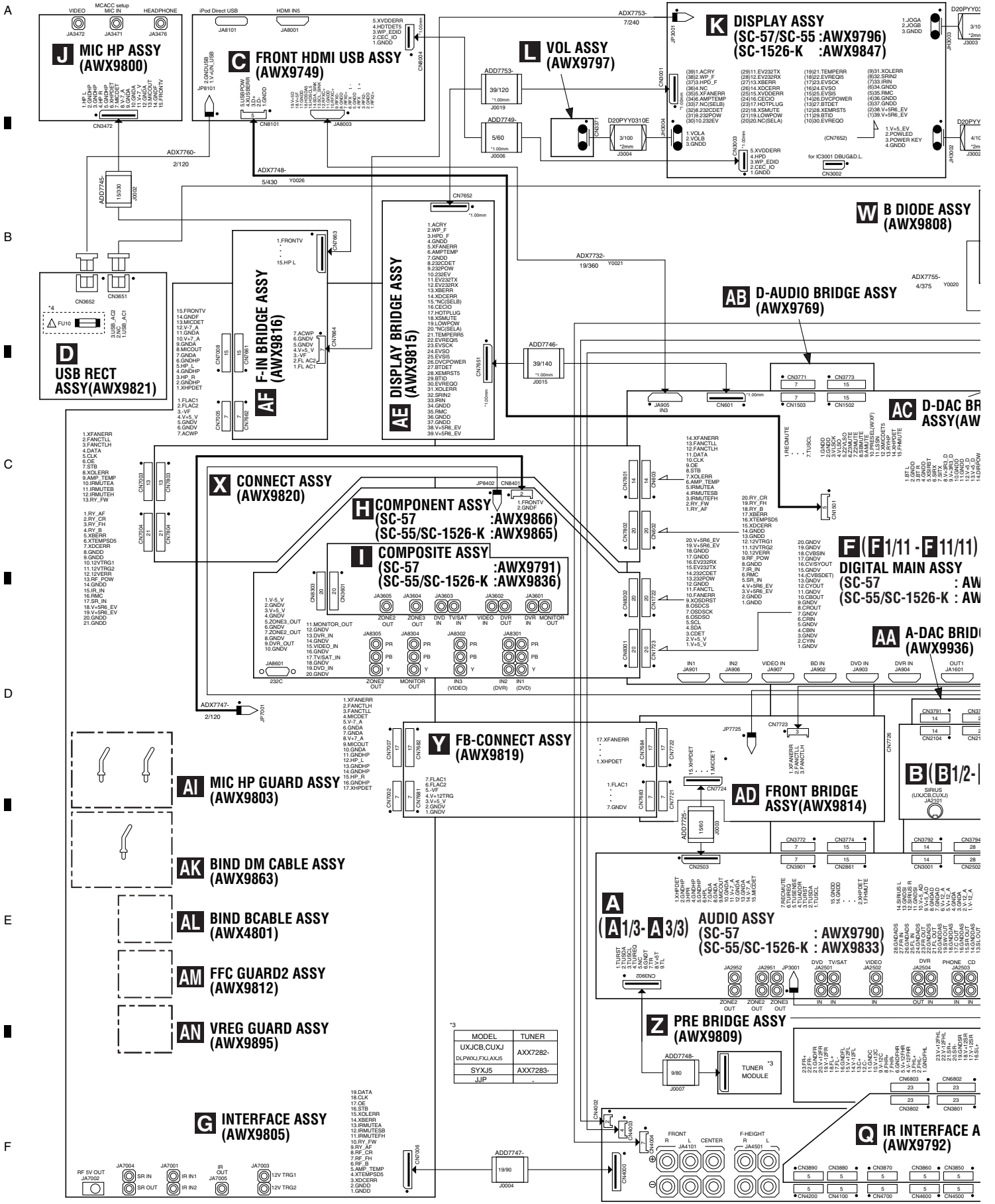
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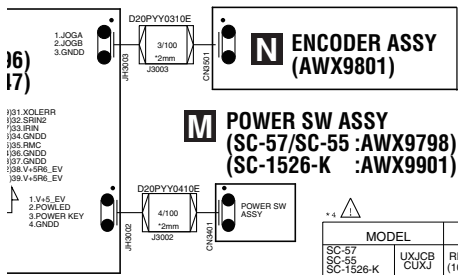
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■

4. BLOCK DIAGRAM

4.1 OVERALL WIRING DIAGRAM



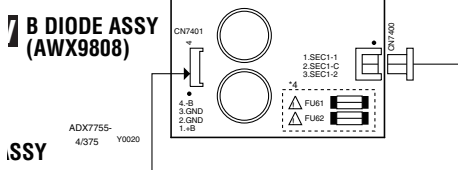


• When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST".

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

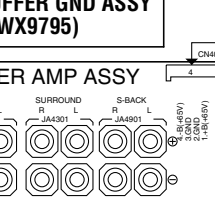
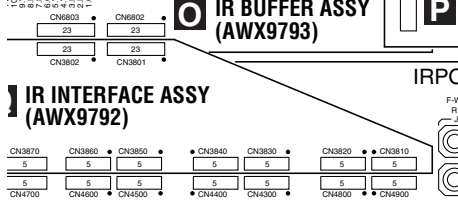
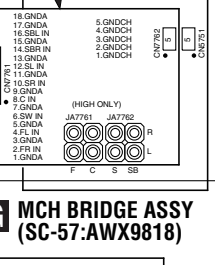
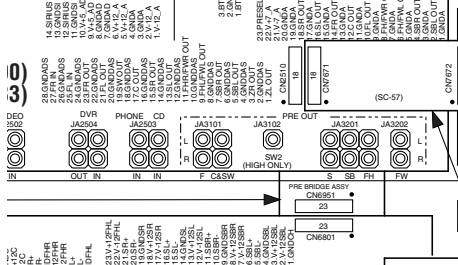
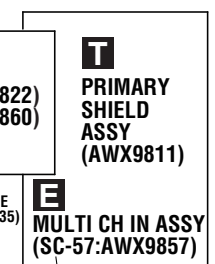
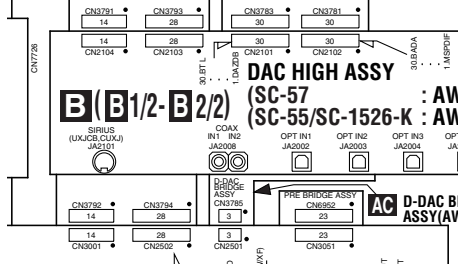
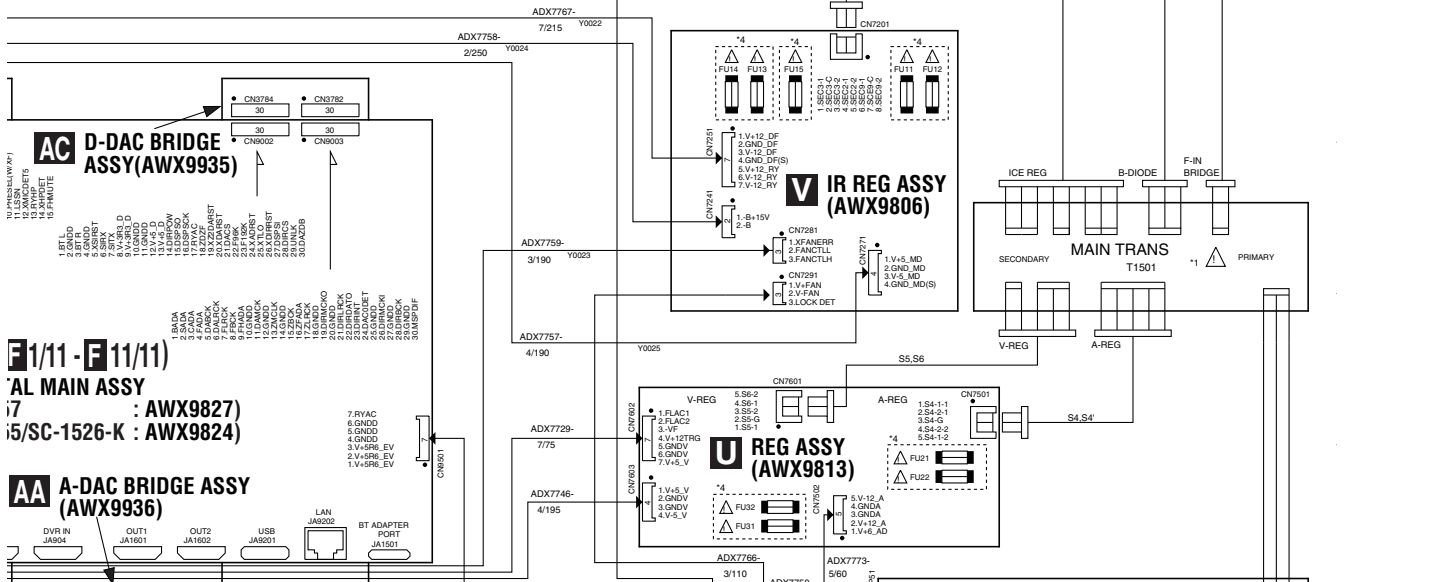
• : The power supply is shown with the marked box.

MODEL	FU1	FU2	FU4	FU10	FU11,FU12	FU13,FU14	FU15	FU21,FU22	FU31,FU32	FU61,FU62
SC-57	UXJCB	REK1154	REK1139	REK1149	REK1143	REK1142	REK1143	REK1143	REK1143	REK1143
SC-55	CUXJ	(10A/125V)	(T2A H/250V)	(4A/125V)	(1.25A/125V)	(1A/125V)	(1.25A/125V)	(1.25A/125V)	(1.25A/125V)	(1.25A/125V)
SC-1526-K										

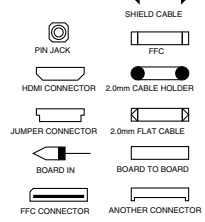


MODEL	MAIN TRANS	AC CORD
SC-57	ATS7447-1	ADG7111-
SC-55	UXJCB	ADG7111-
SC-1526-K	CUXJ	ADG7111-
	ATS7438-1	ADG7111-

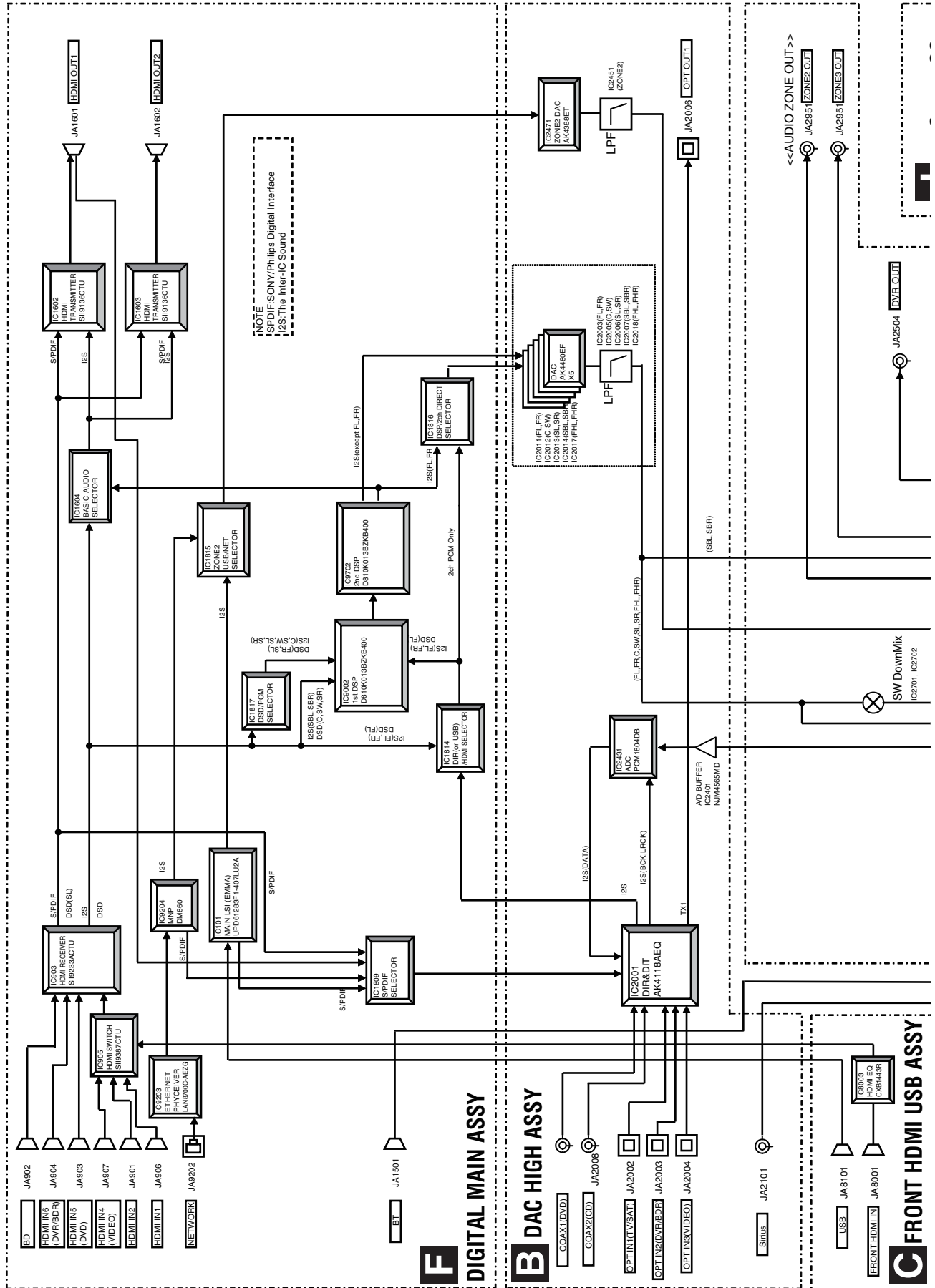
CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

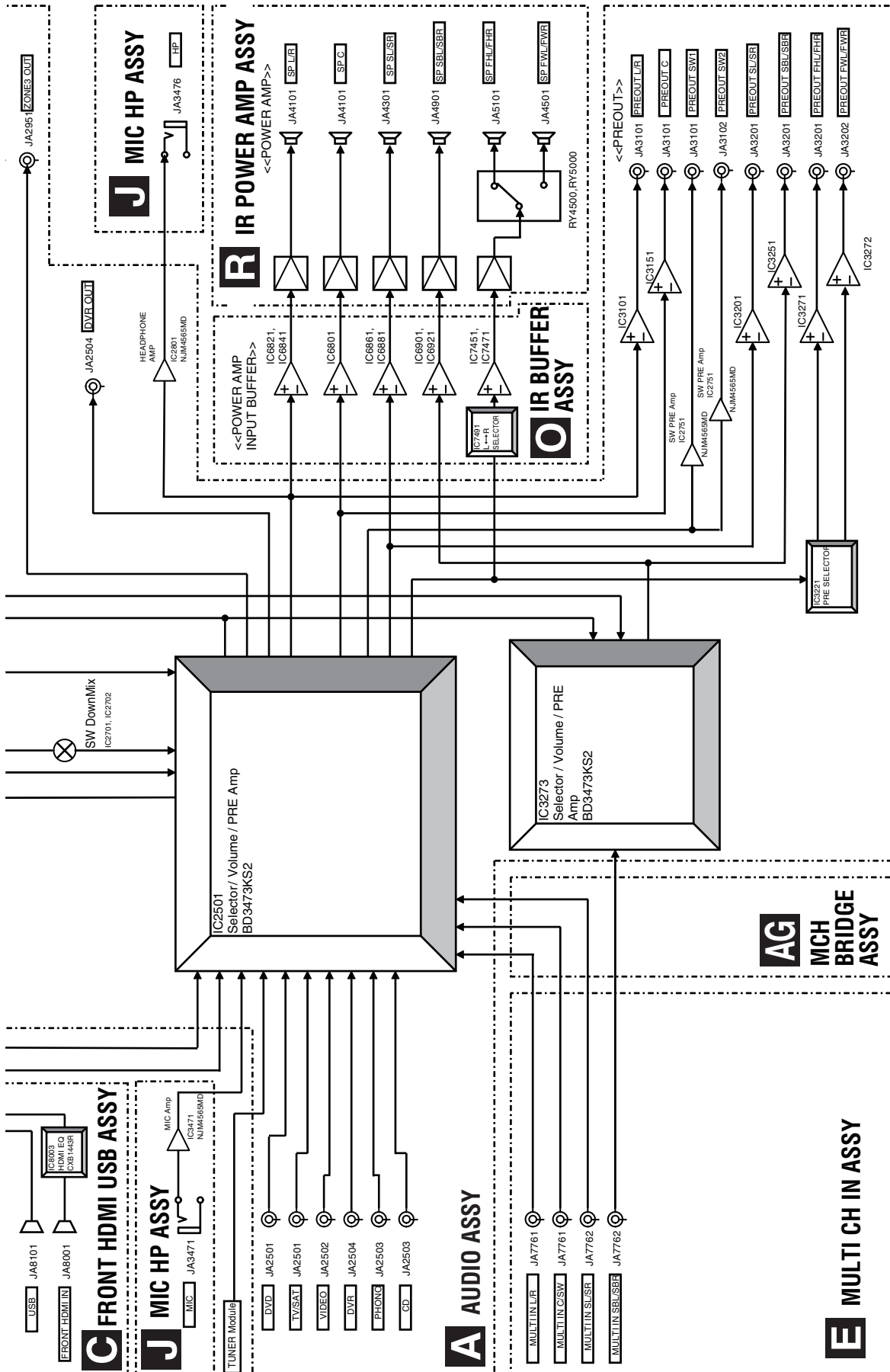


MODEL	MICROPHONE	REMO-COM	RF RCV BOX	iPod CABLE	IR BLUSTER CABLE	WIFI CABLE
SC-57	UXJCB	APM7009-	AXD7612-	-	ADE7136-	-
SC-55	UXJCB	APM7009-	AXD7612-	-	ADE7136-	-
SC-1526-K	CUXJ	APM7009-	AXD7612-	-	ADE7136-	-



4.2 BLOCK DIAGRAM FOR AUDIO BLOCK

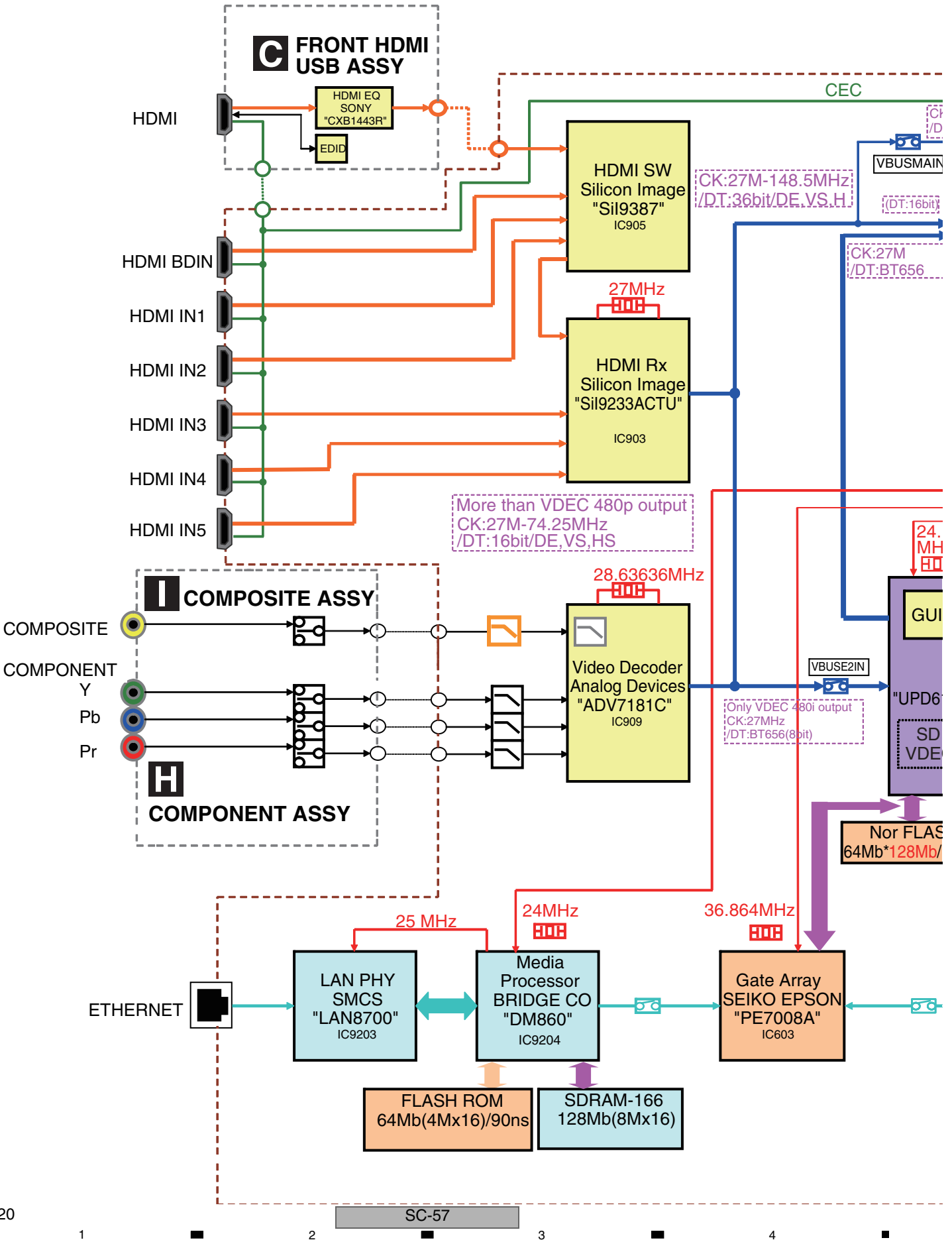


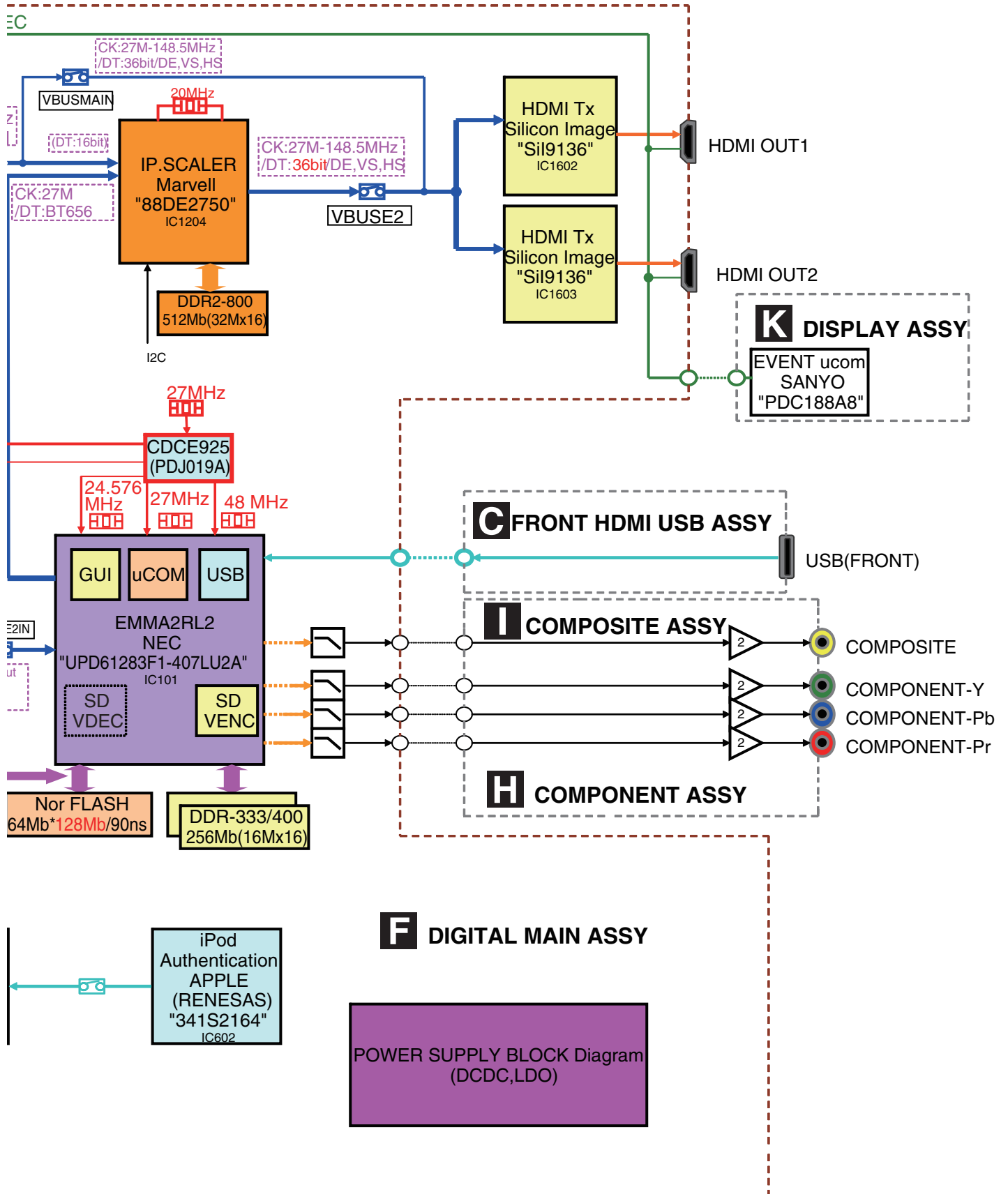
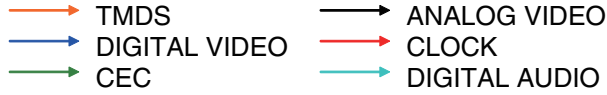


A
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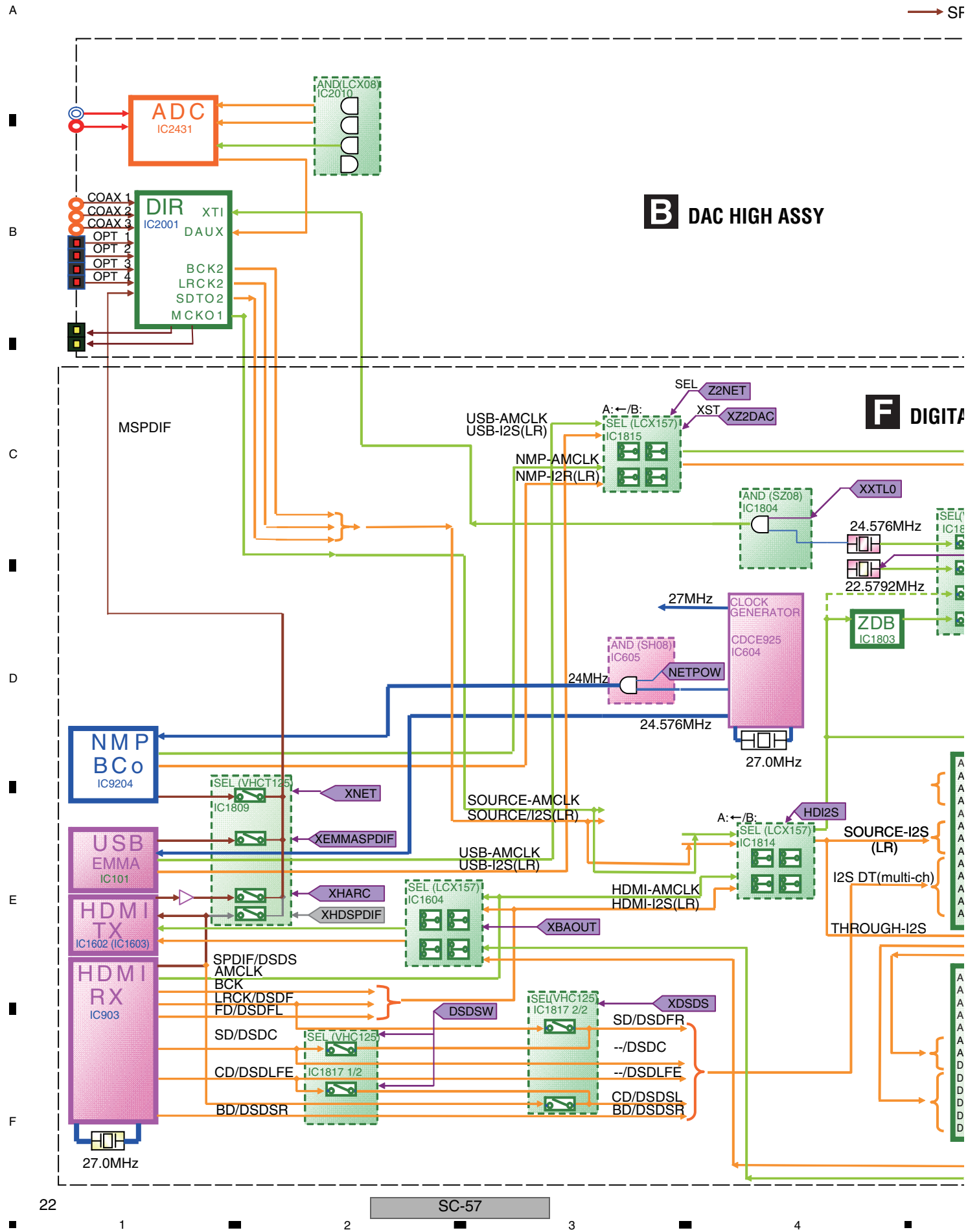
4.3 BLOCK DIAGRAM FOR DIGITAL MAIN VIDEO BLOCK

A
B
C
D
E
F





4.4 BLOCK DIAGRAM FOR DIGITAL MAIN AUDIO BLOCK



→ SPDIF → AMCLK → I2S → SYSCLK → FLG

A

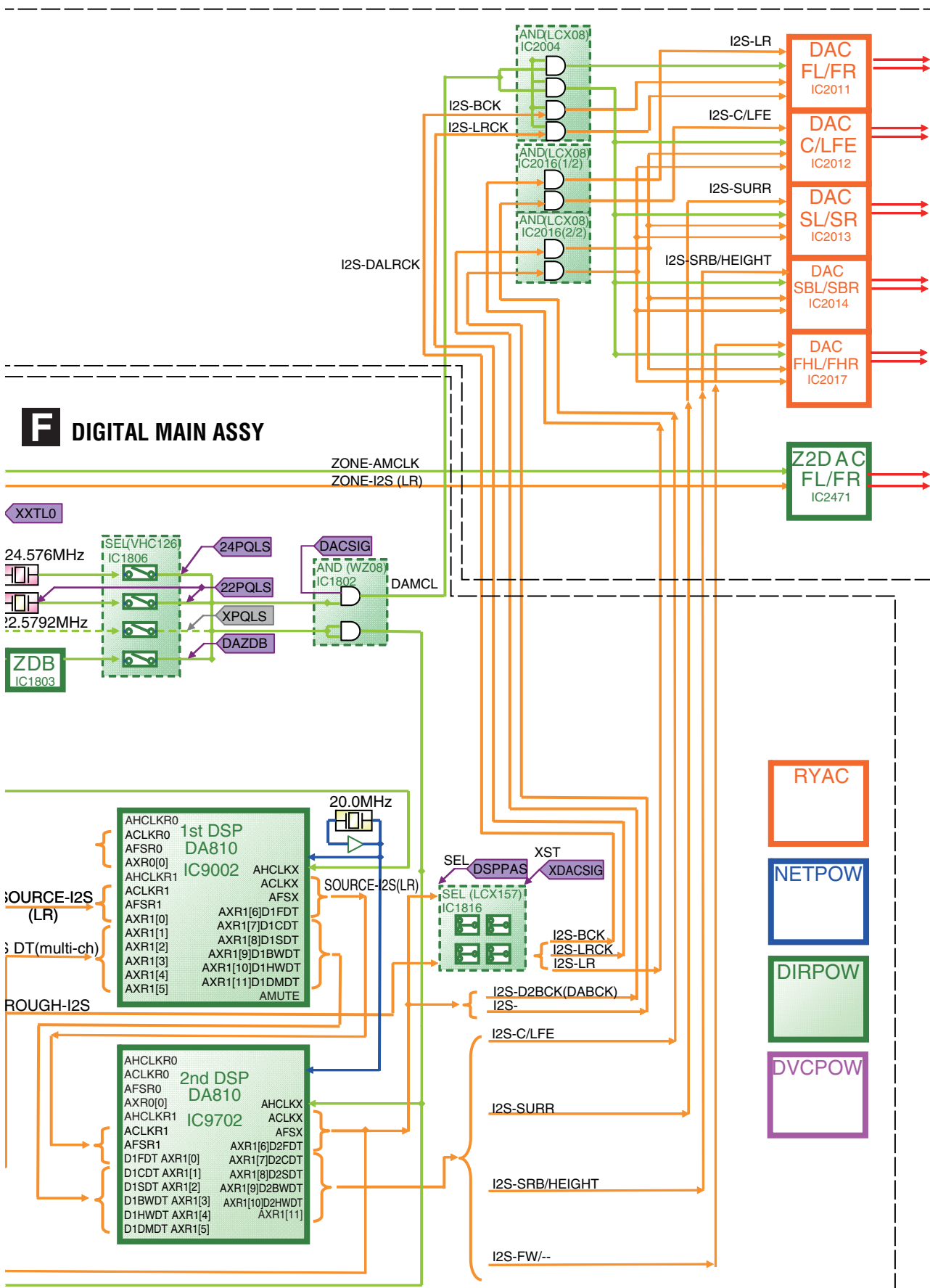
B

C

D

E

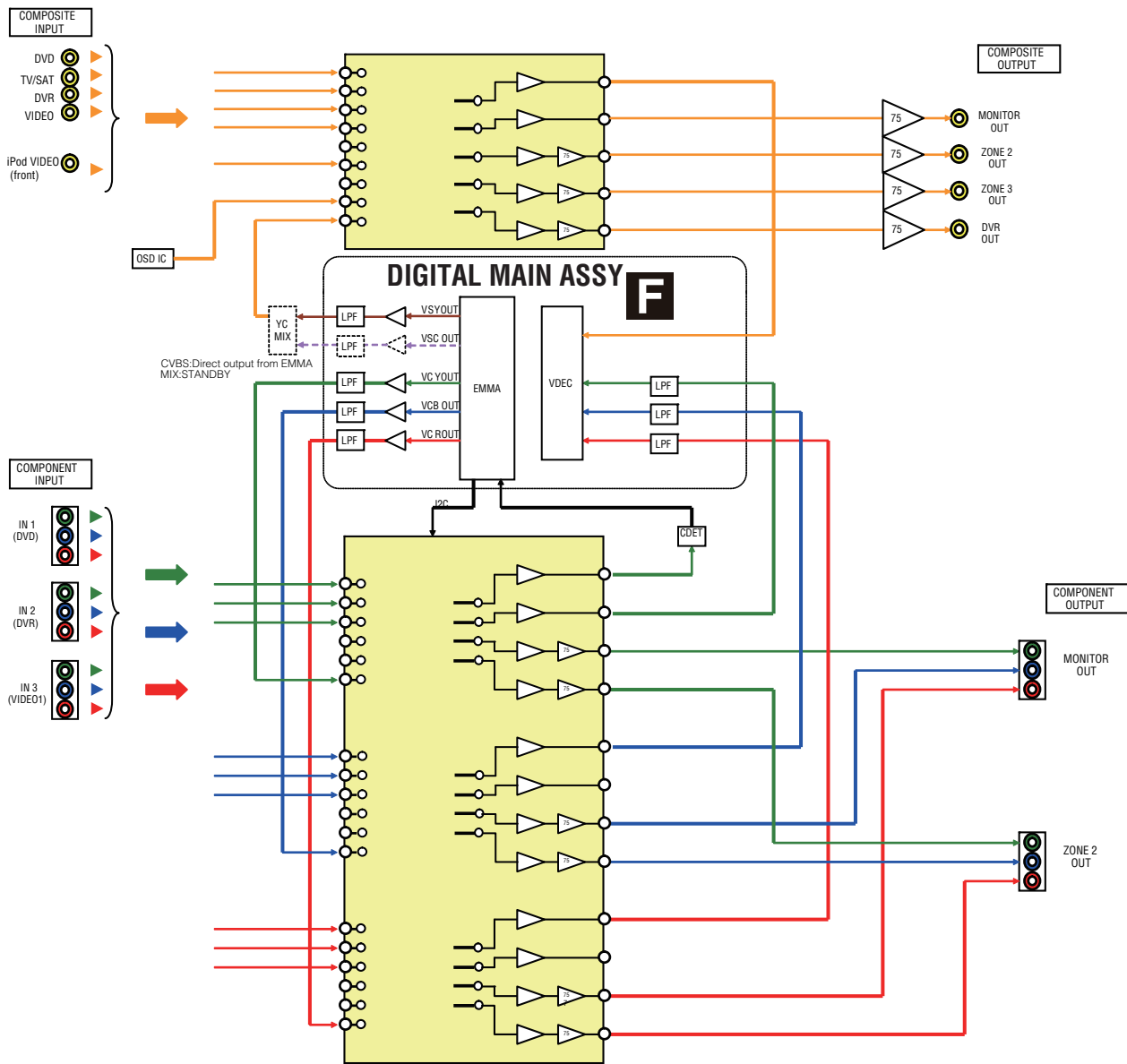
F



4.5 BLOCK DIAGRAM FOR VIDEO BLOCK

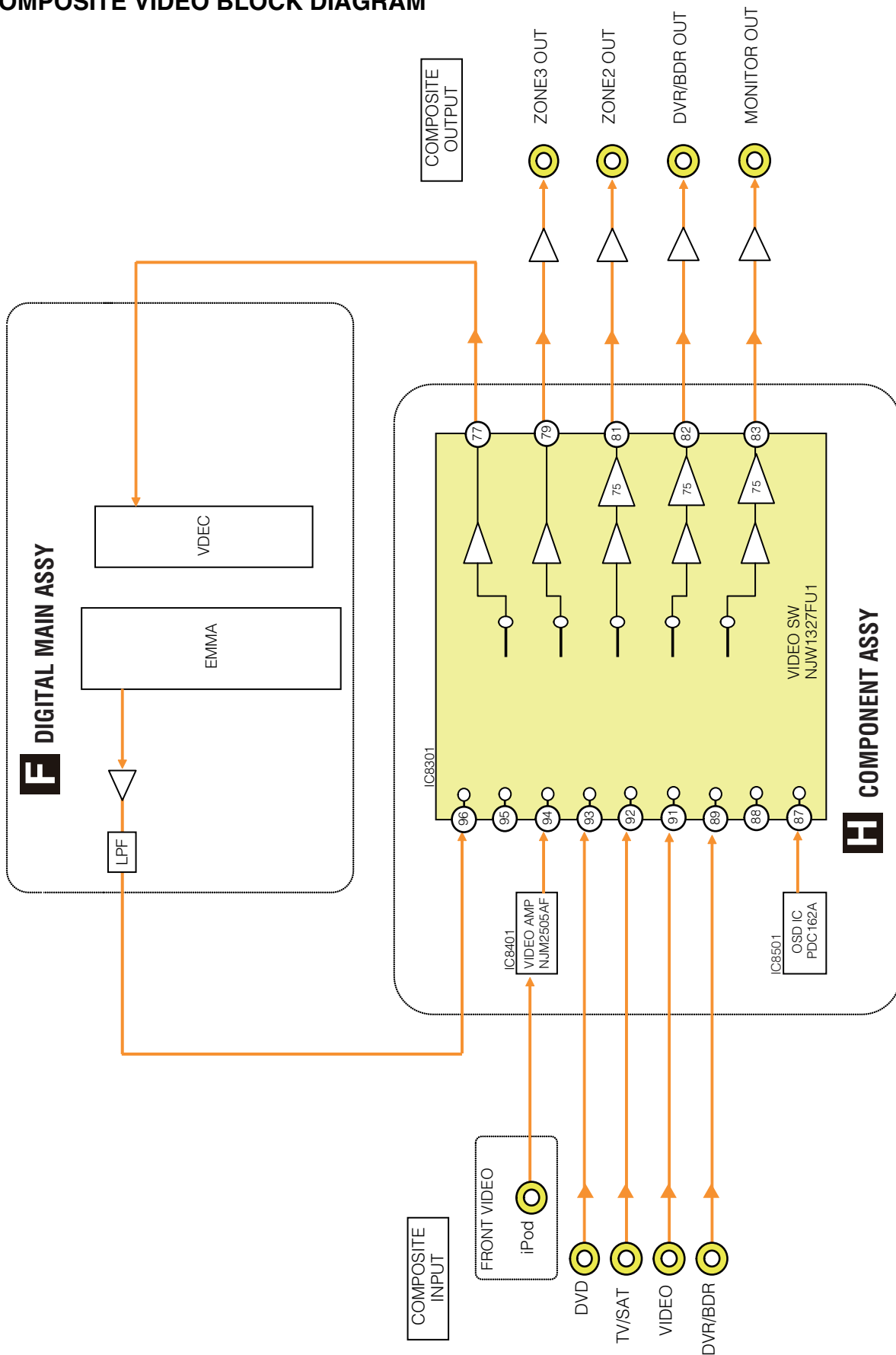
VIDEO BLOCK DIAGRAM

A
B
C
D
E
F



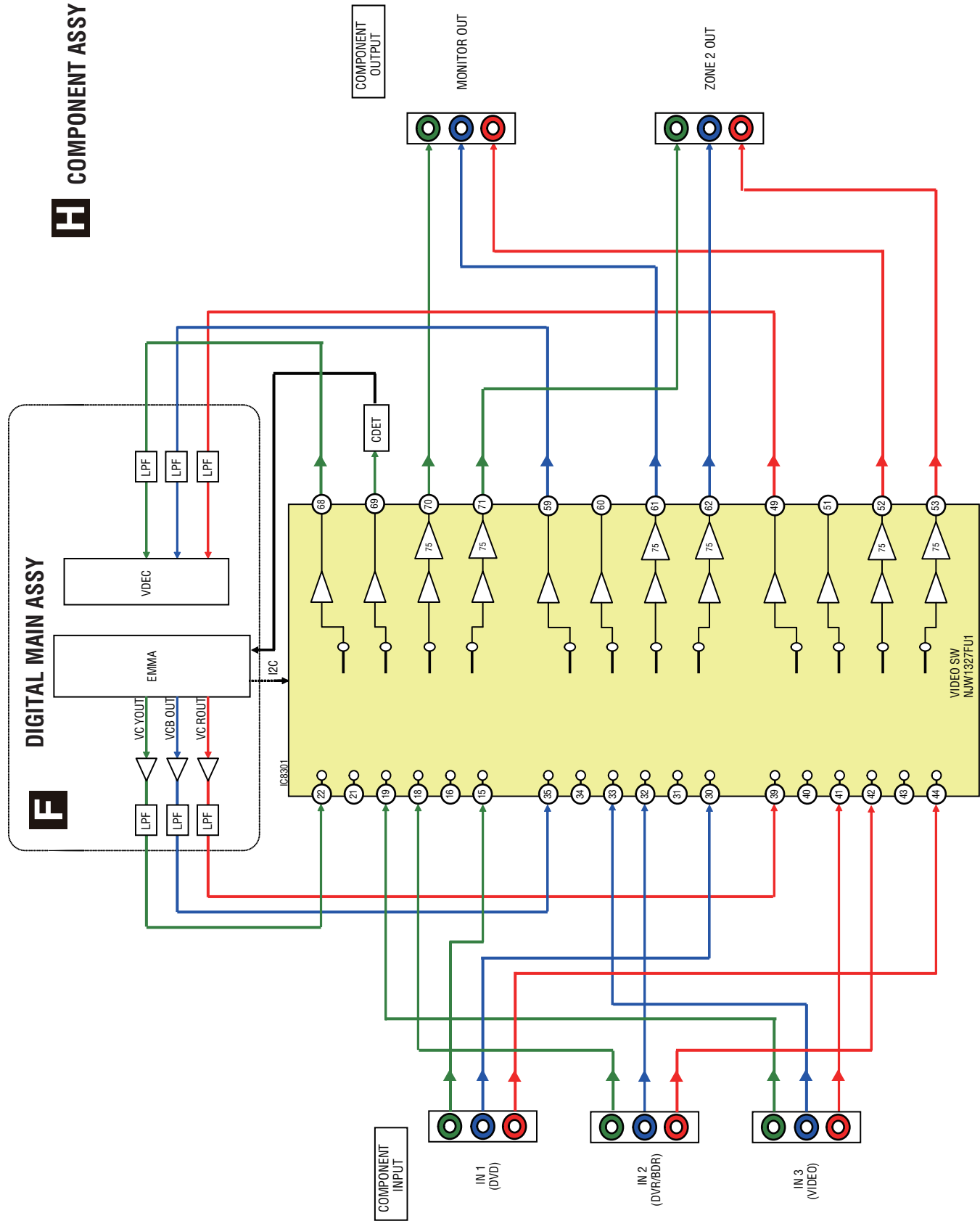
4.6 BLOCK DIAGRAM FOR COMPOSITE VIDEO BLOCK

COMPOSITE VIDEO BLOCK DIAGRAM



4.7 BLOCK DIAGRAM FOR COMPONENT VIDEO BLOCK

COMPONENT VIDEO BLOCK DIAGRAM



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SC-57

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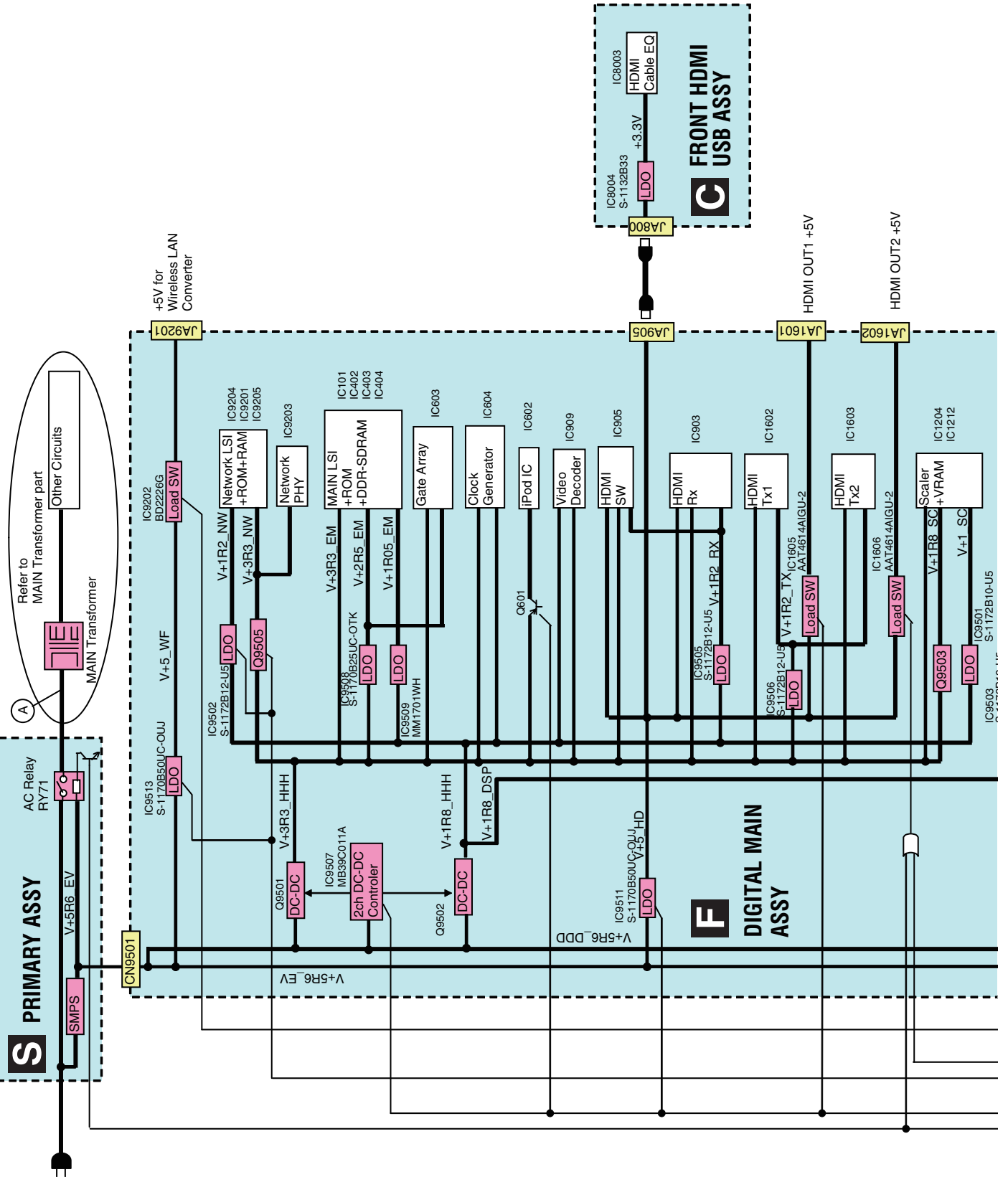
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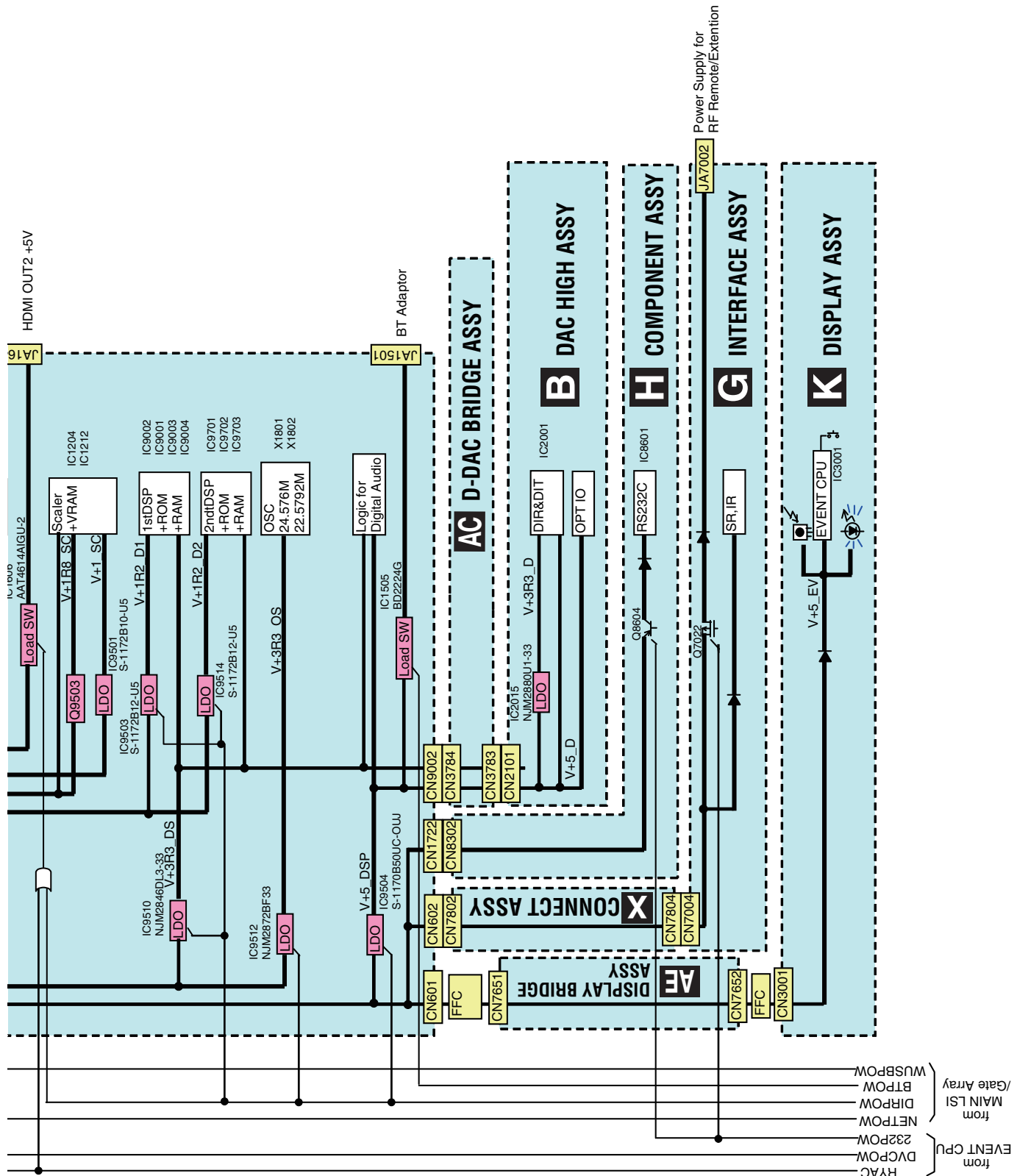
■

4.8 BLOCK DIAGRAM FOR POWER BLOCK(1)

A
B
C
D
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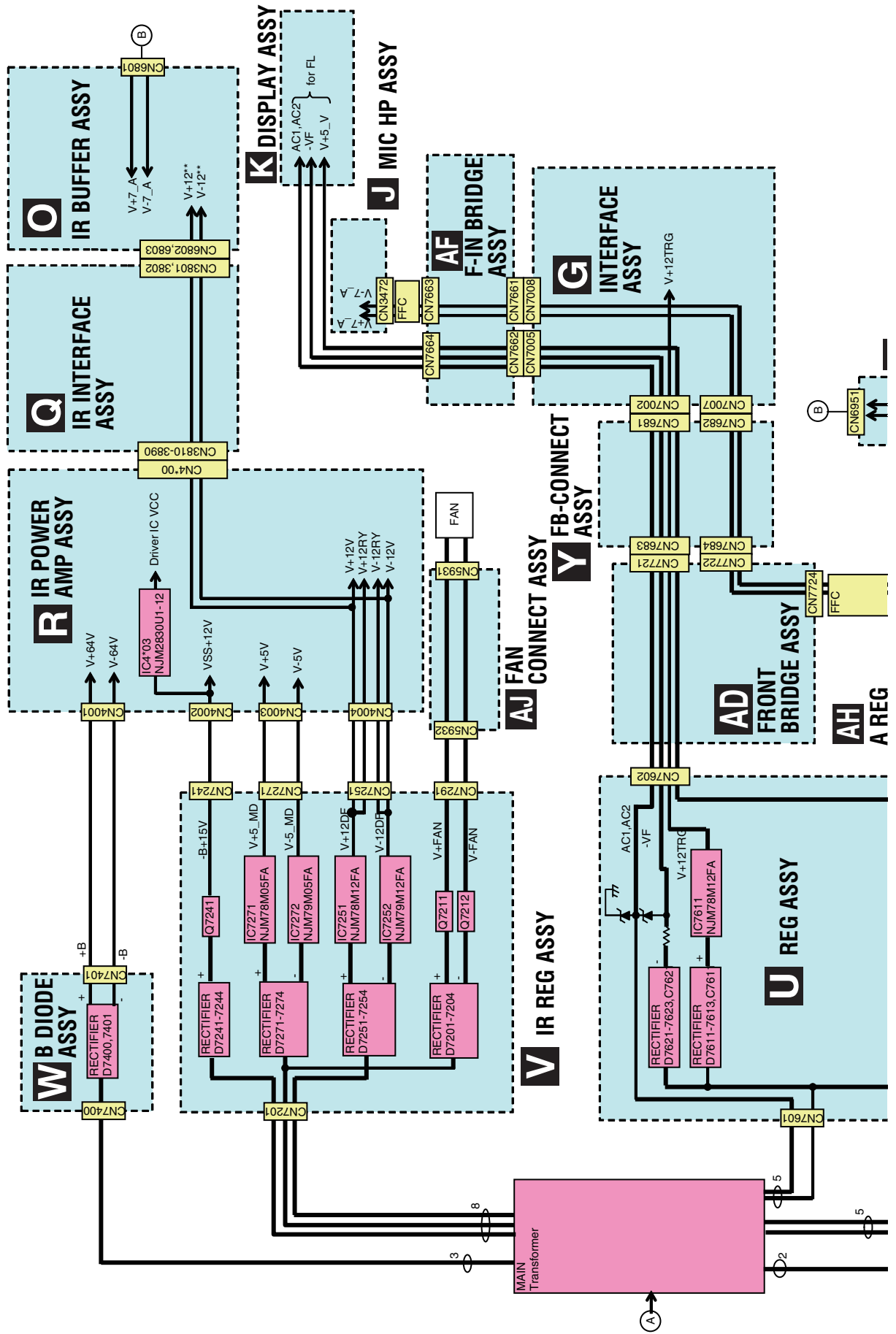
Power Supply Block Diagram (SMPS Part)

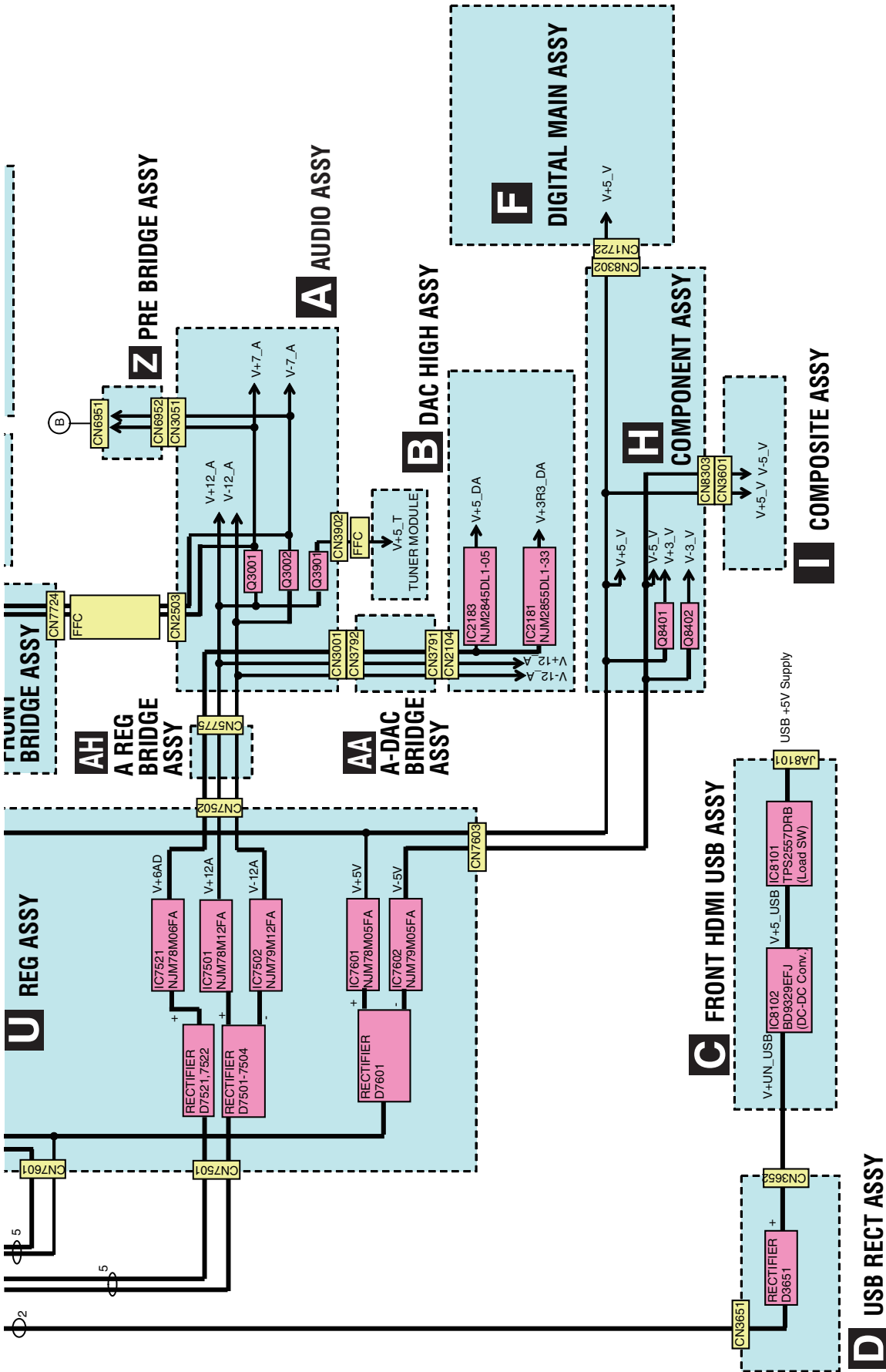




4.9 BLOCK DIAGRAM FOR POWER BLOCK(2)

Power Supply Block Diagram (MAIN Transformer Part)





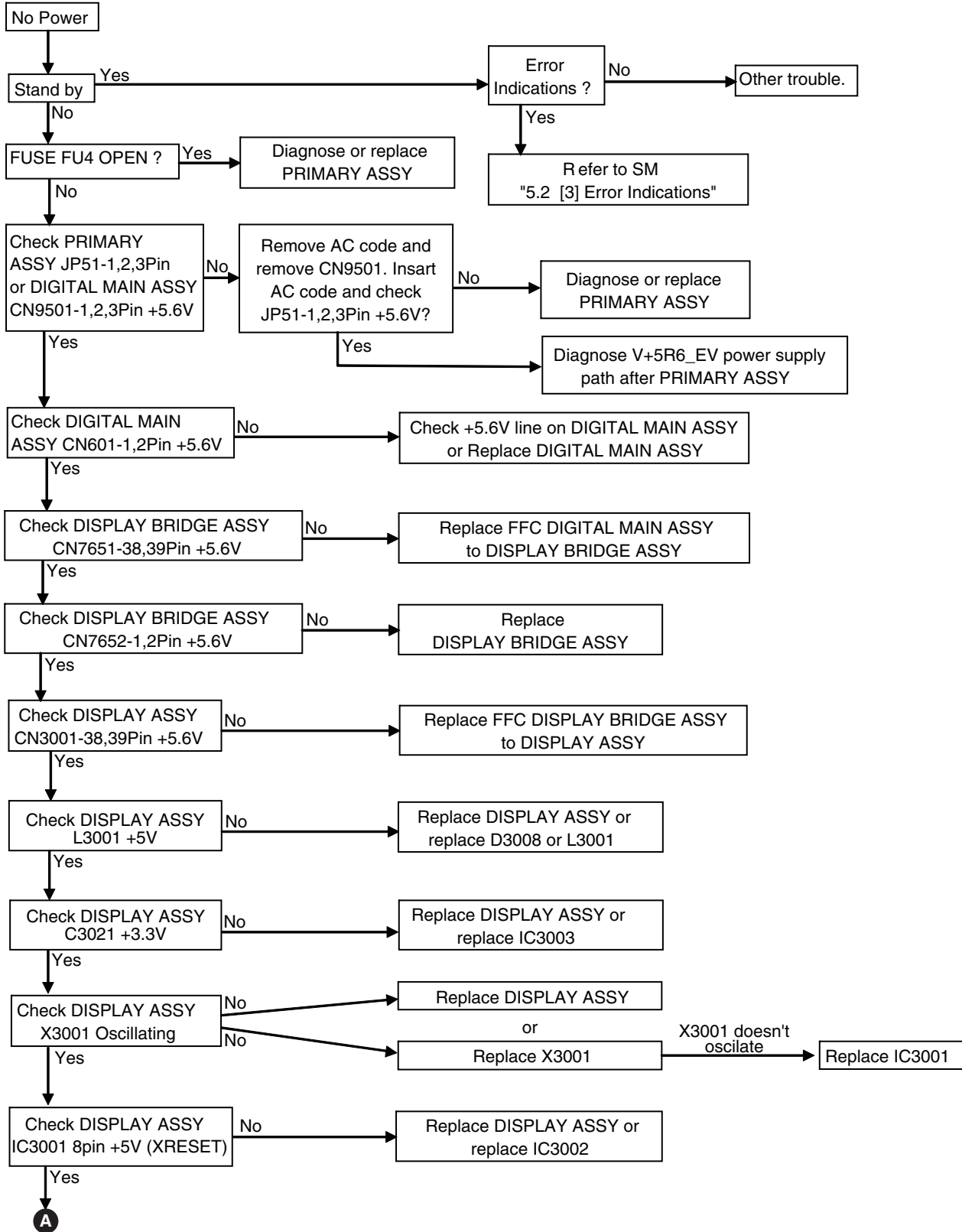
A B C D E F

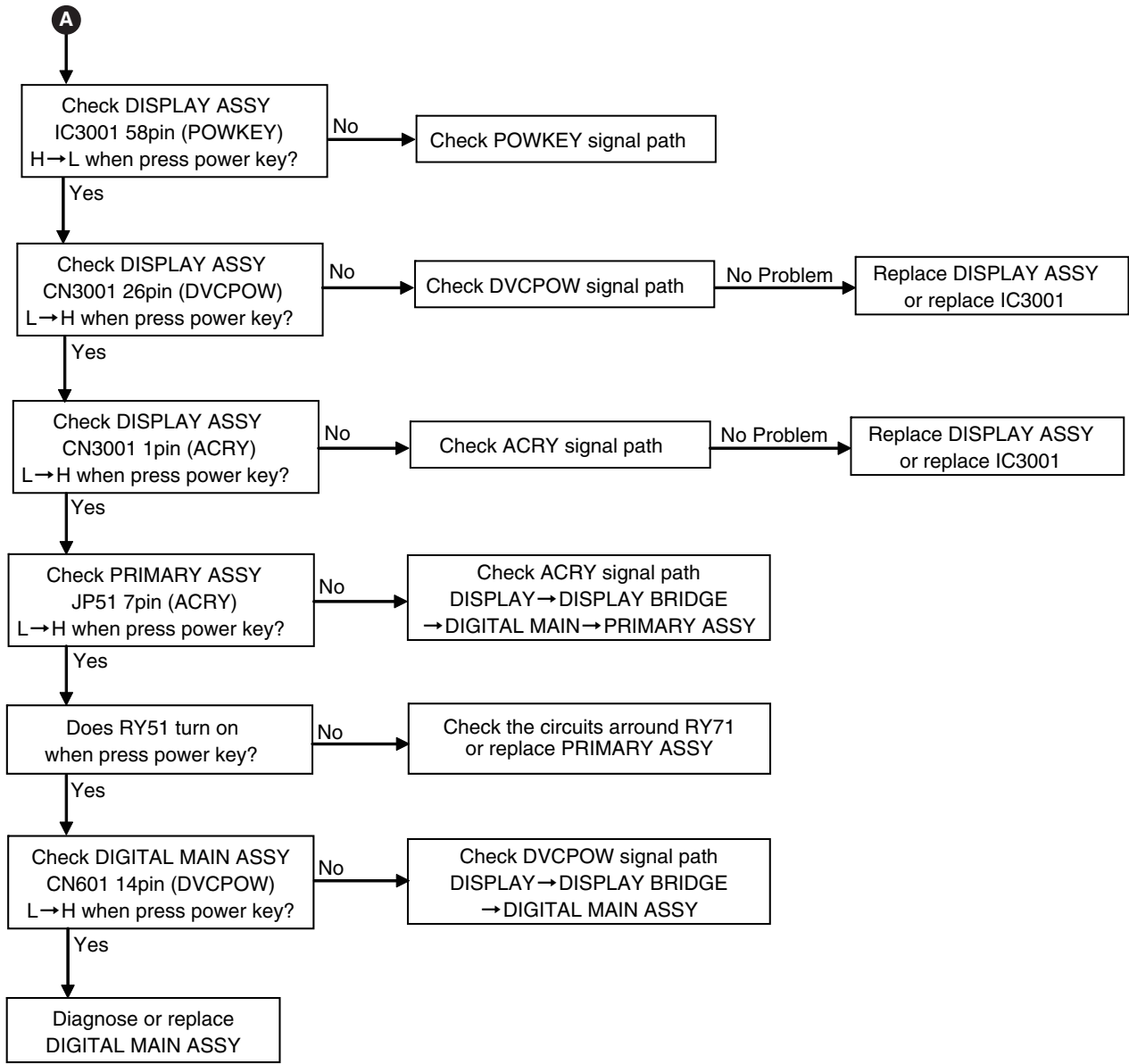
5. DIAGNOSIS

5.1 DIAGNOSIS FLOWCHART

NO POWER

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





A

B

C

D

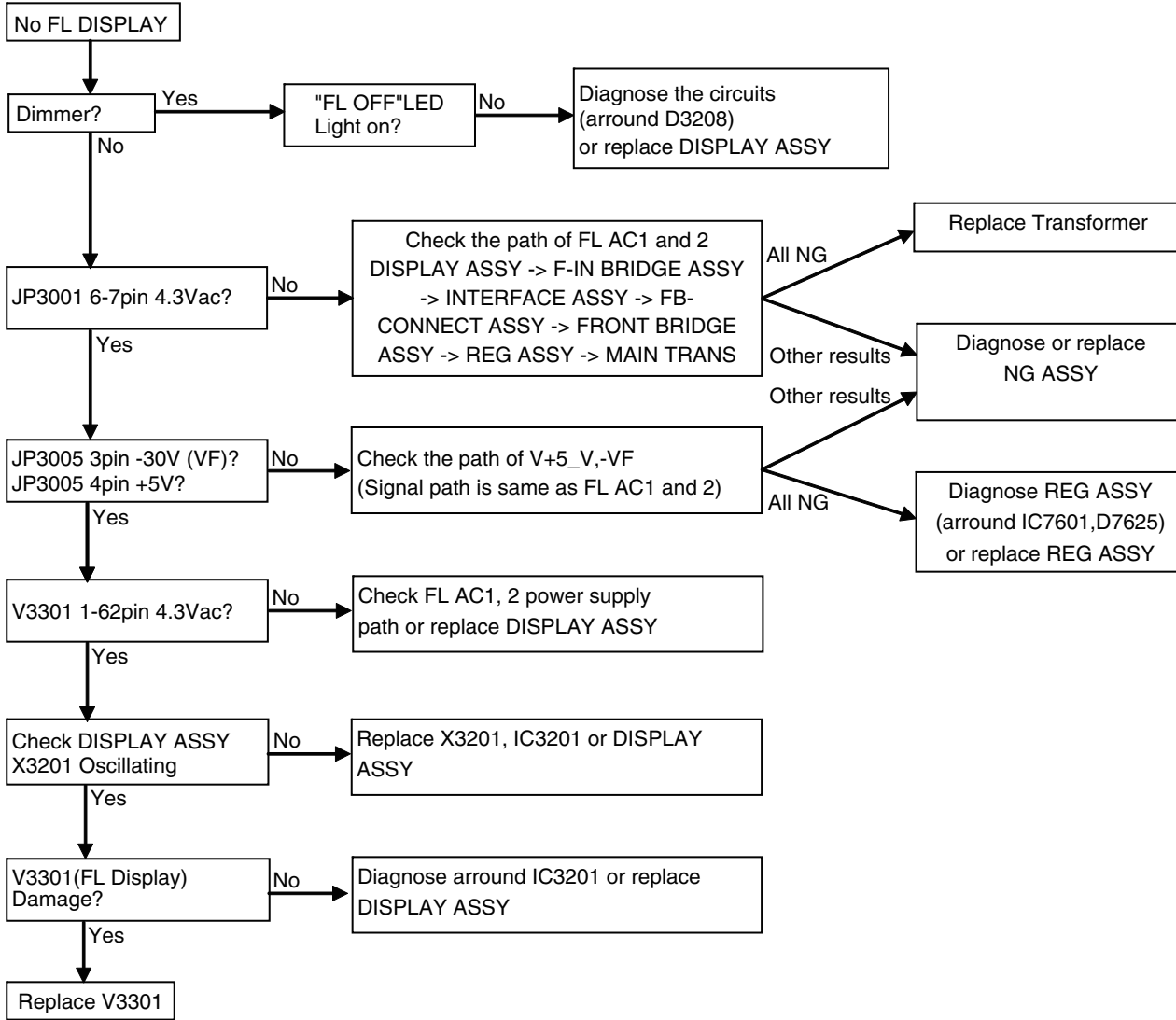
E

F

NO FL DISPLAY

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

A



C

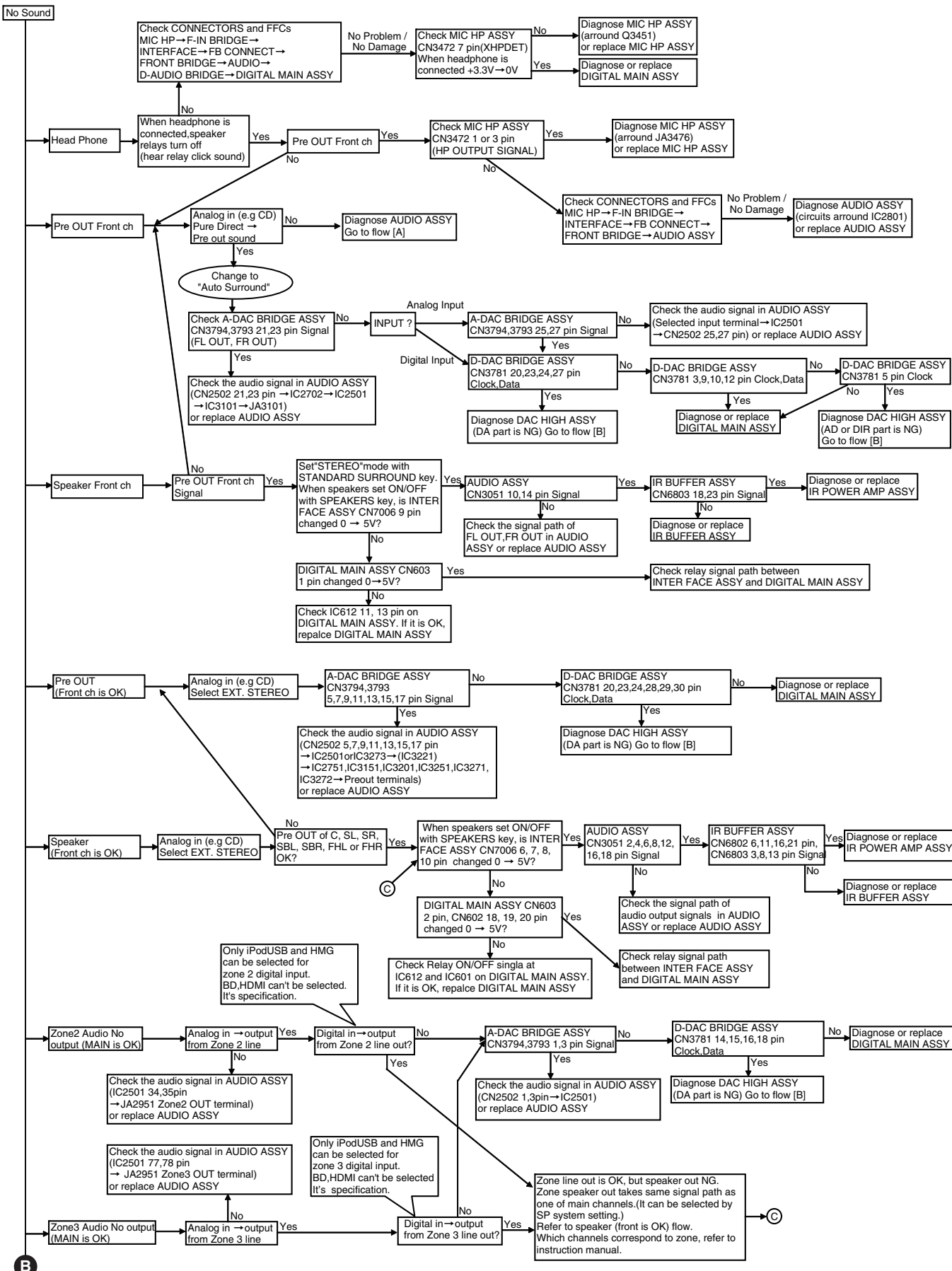
D

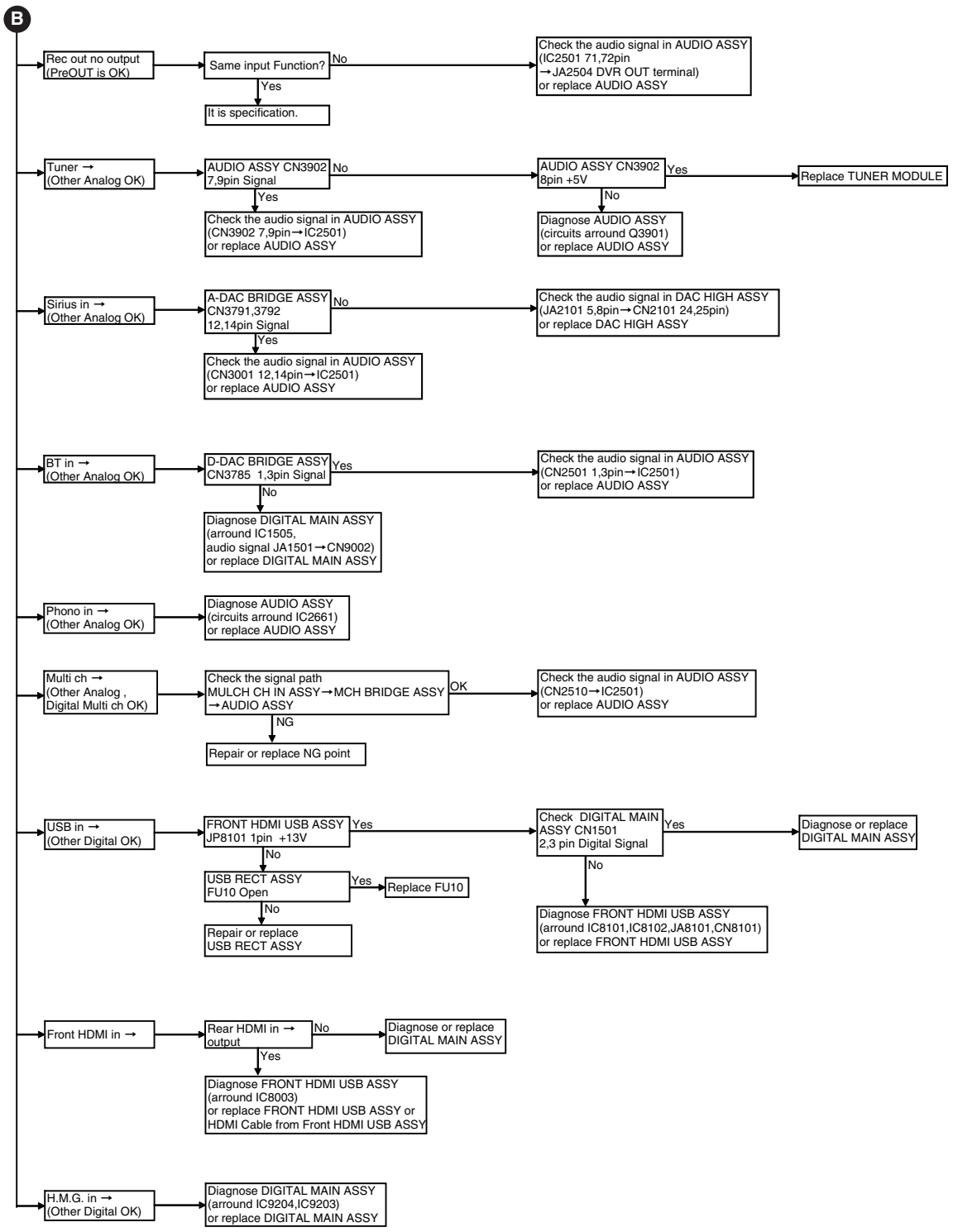
E

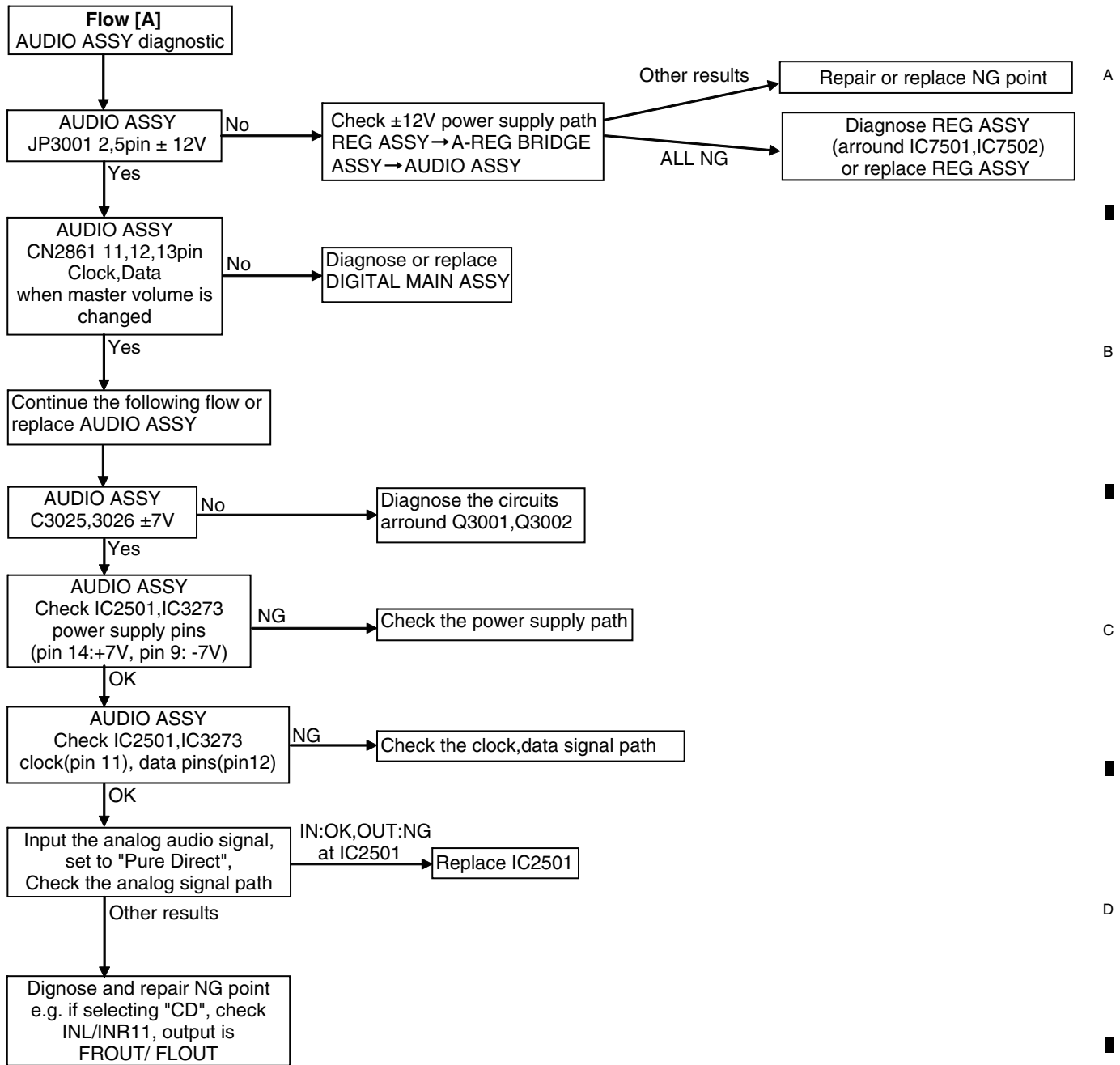
F

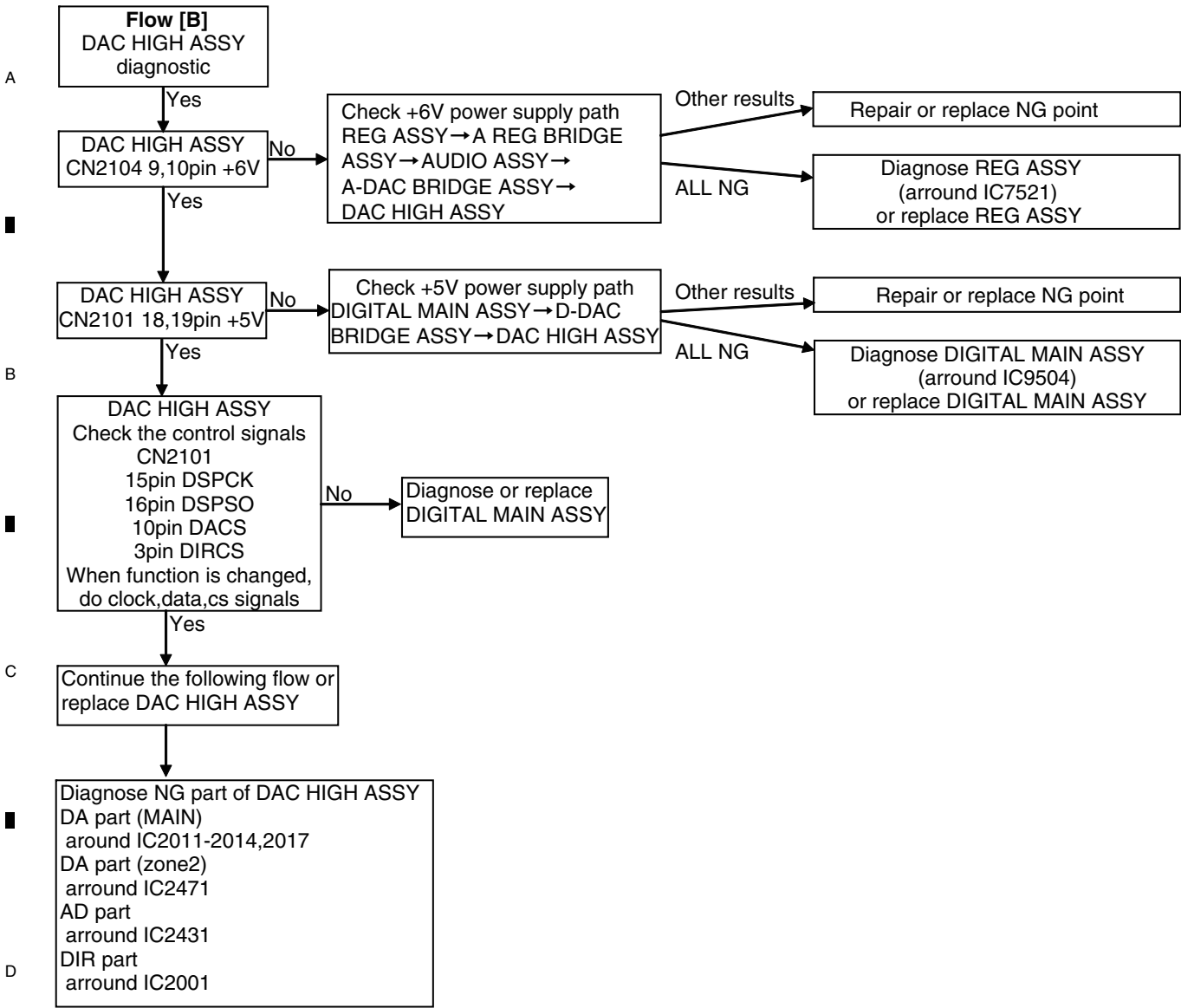
NO SOUND

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



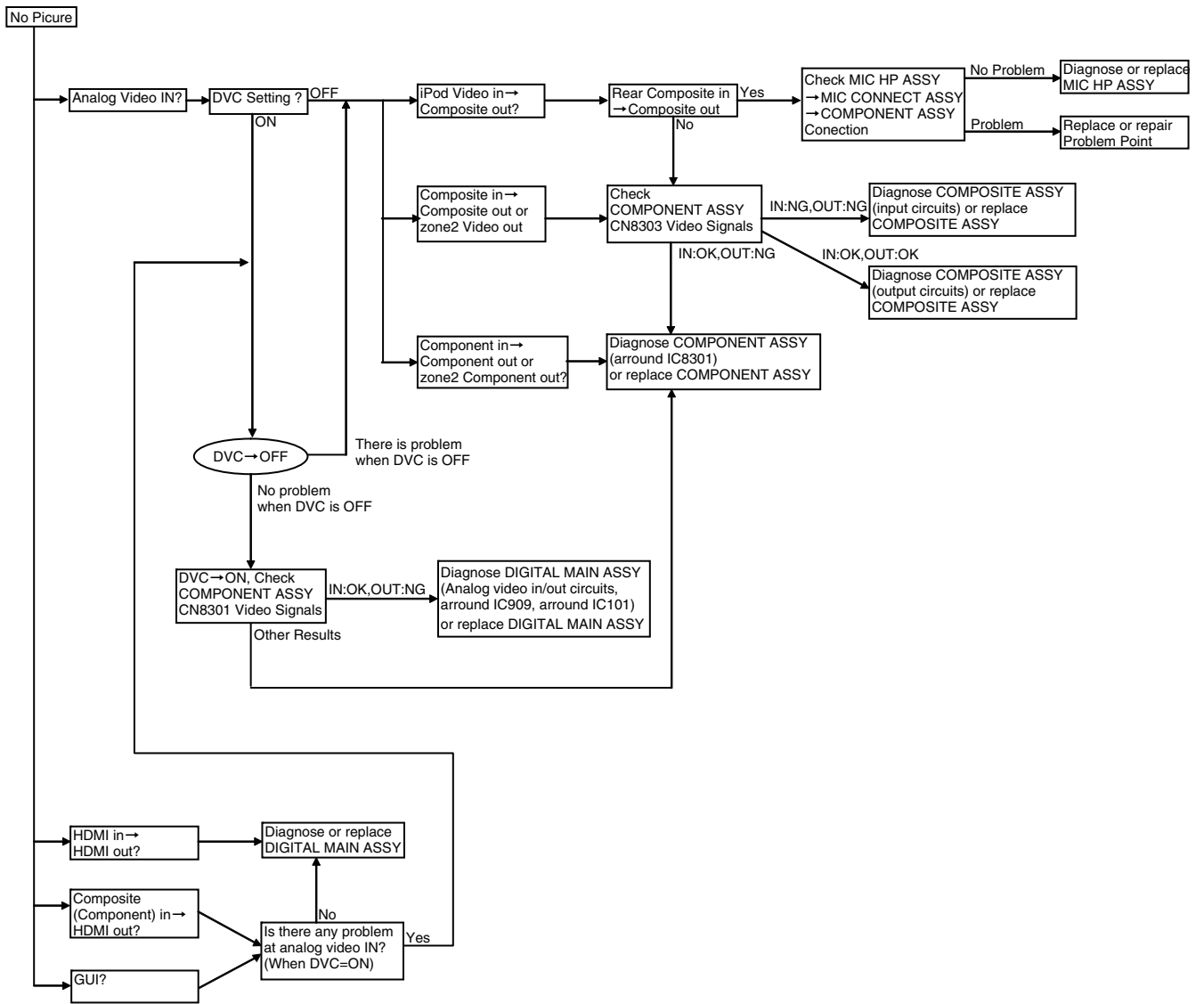






NO PICTURE

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

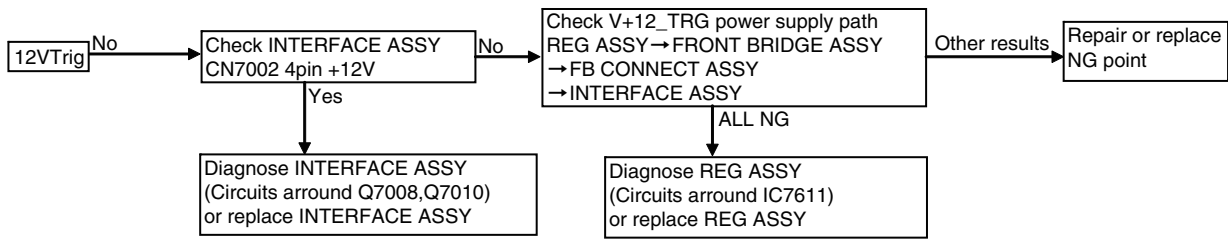


OTHER

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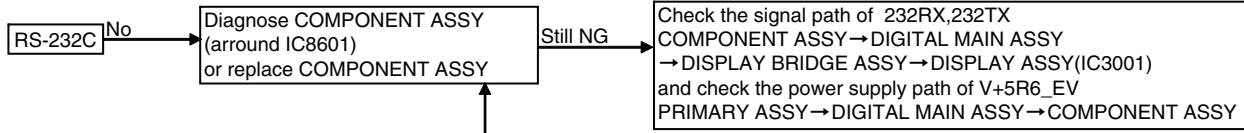
A

12V Trig



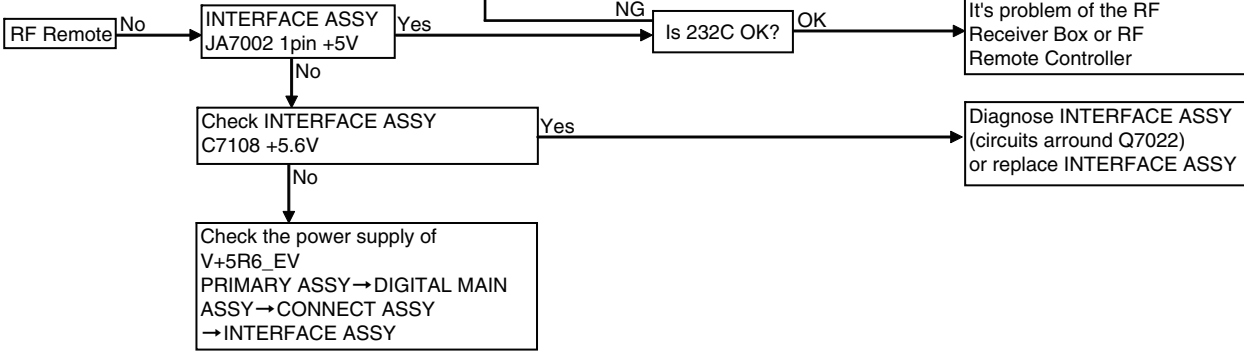
B

RS-232C



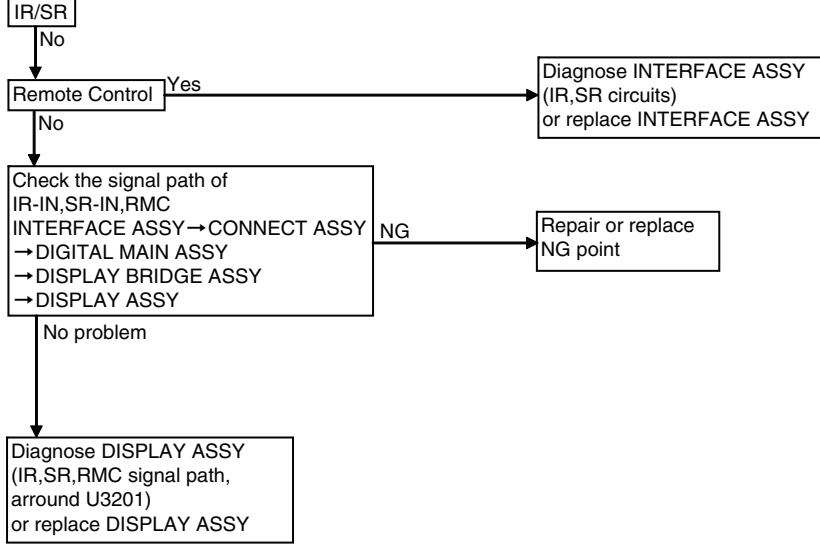
C

RF Remote



E

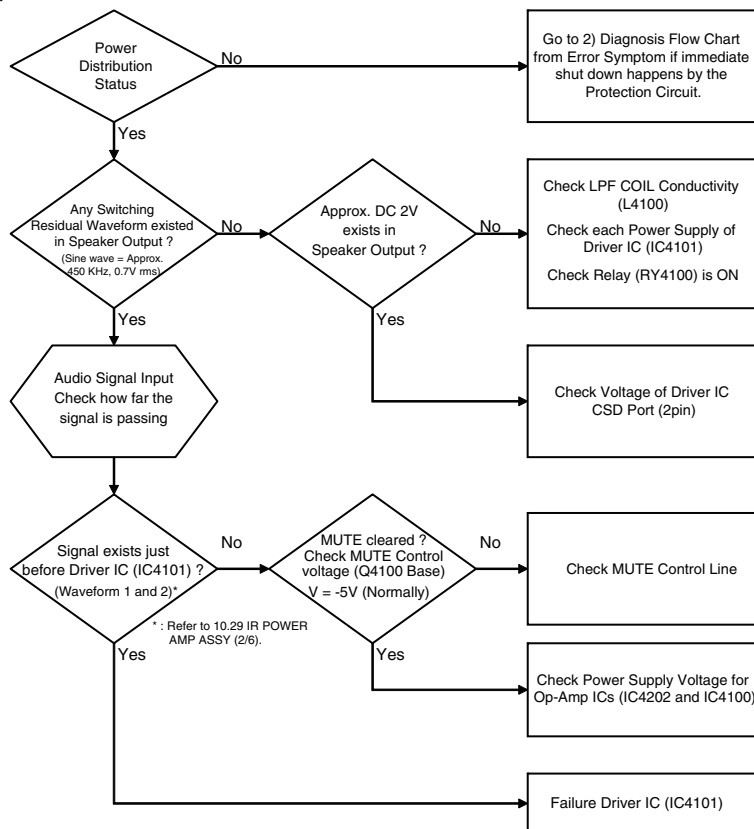
IR/SR



F

DIGITAL AMP BLOCK FLOWCHART

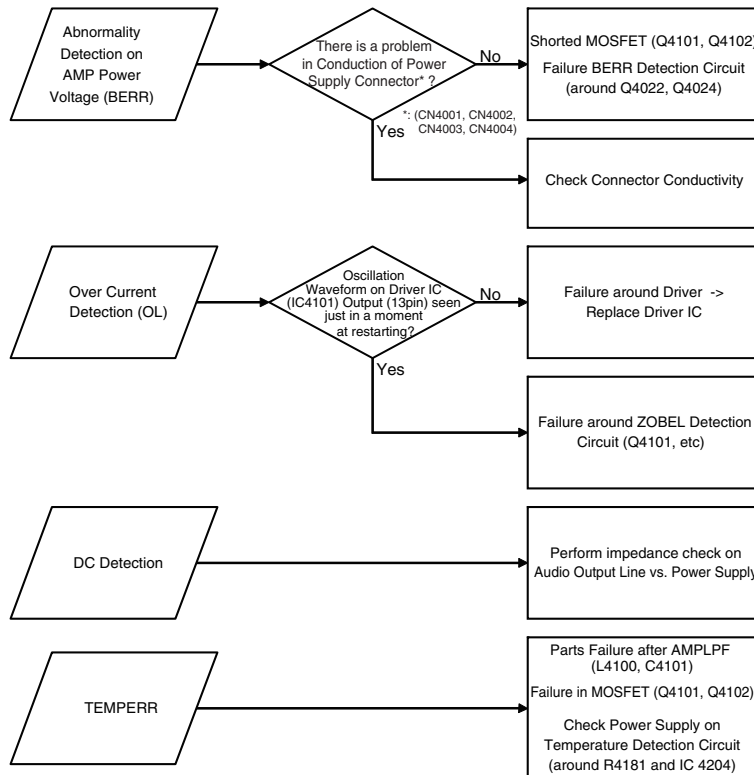
1) No Sound



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.



Cause of being BERR
When B-Power Supply Voltage exceeds ± 75 V
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

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

Cause of being TEMPERR
When MOSFET Temperature exceeds approx. 95 degrees
When MOSFET temperature is suddenly increased

5.2 CIRCUIT DESCRIPTION

[1] Protection Circuit Process List

Amplifier Circuit

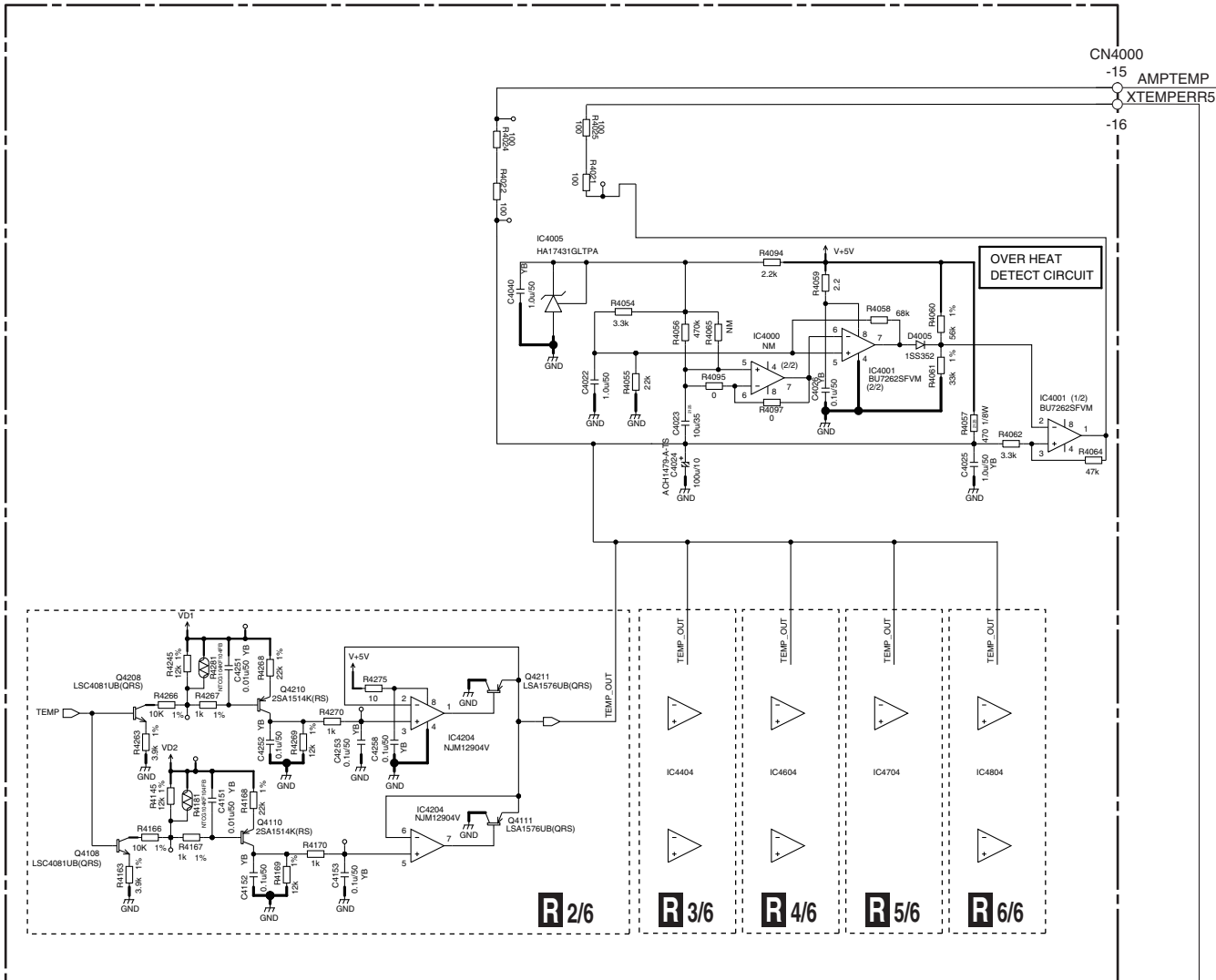
Item	Purpose	Detection Method	Status of Equipment	Warning Indication	Remarks
Overheat detection	Detects MOS FET temperature of amplifier output stage	Detects when TEMPERR PORT becomes "L" in case of the detecting temperature exceeds 95°C or rapid change by short circuit of speaker terminals. (IC3001 72pin)	Flashes "OVERHEAT" Shuts down when abnormality continues for more than 3 seconds.	Blinks FL OFF LED indicator.	Recoverable by power-on after shutdown in one minute.
		Detects when MAXTEMP port becomes below 1.9V at NTC Thermistor detect circuit. (IC3001 2pin)	Fan rotates by power-on.		MAXTEMP voltage 5V-1.8V : FANLOW 1.8V or less : FANHIGH
DC detection	Detects DC of amplifier output (After LPF)	Detects when SP output exceeds DC ± 7V and DCERR port becomes "L". (IC3001 80pin)	MUTE on and Speaker Relay off. Flashes "AMP ERR". Shuts down when abnormality continues for more than 3 seconds.	Blinks ADVANCED MCACC 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.
Fan abnormality detection	Detects a Fan not rotating by loose connector or Fan lock when controlling the Fan rotation	Detects when FANDET port becomes "L". (IC3001 87pin)	Flashes "FAN STOP" Shuts down when abnormality continues for more than 3 seconds.	Blinks iPod iPhone iPad LED	Recoverable by power-on
Zobel detection	Protects overcurrent by Zobel Resistance when high power output of higher frequency continued	Detects OLERR port becomes "L". (IC3001 71pin)	Shuts down	Blinks iPod iPhone iPad LED	Recoverable by power-on
Overcurrent detection	Protects overcurrent of MOS FET in output stage when overcurrent flows at the output stage	Detects OLERR port becomes "L". (IC3001 71pin)	Shuts down	Blinks iPod iPhone iPad LED	Recoverable by power-on
Amplifier Power Supply failure detection	Detects abnormal in the Amplifier Power Supply	Detects B-Power Supply Voltage exceeds ± 75V or falls below ± 20V and BERR port becomes "L". (IC3001 84pin)	Shuts down	Blinks ADVANCED MCACC LED	Recoverable by only DC DETECT cancel. Refer to "How to Enter Release Mode" .

[How to Enter Release Mode]

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

Overheat Detection

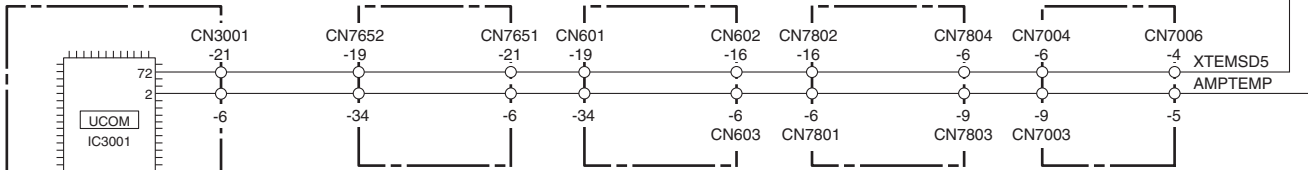
R IR POWER AMP ASSY



K DISPLAY ASSY

F DIGITAL MAIN ASSY

G INTERFACE ASSY



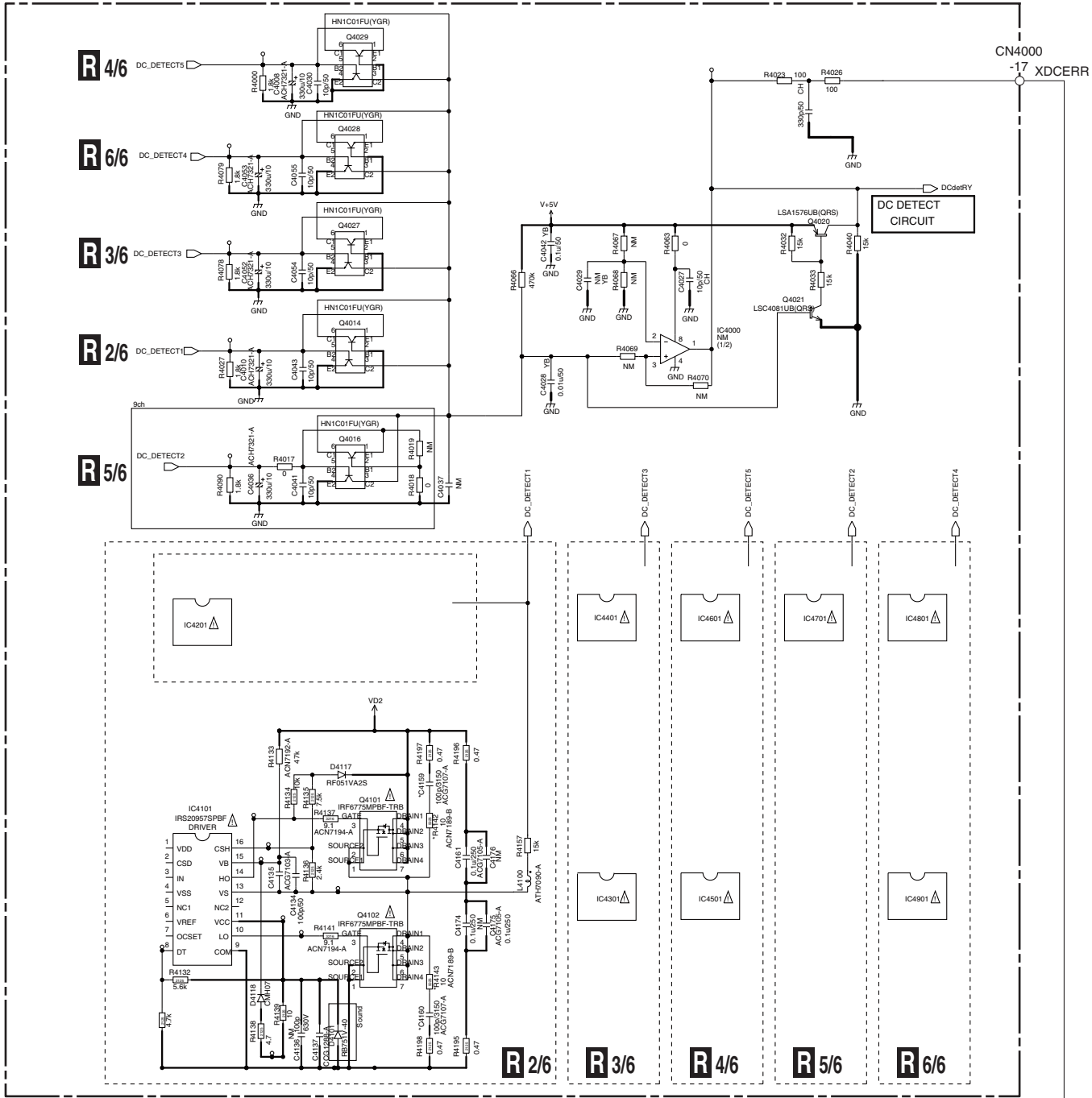
AE DISPLAY BRIDGE ASSY

X CONNECT ASSY

DC Detection

A

R IR POWER AMP ASSY



B

C

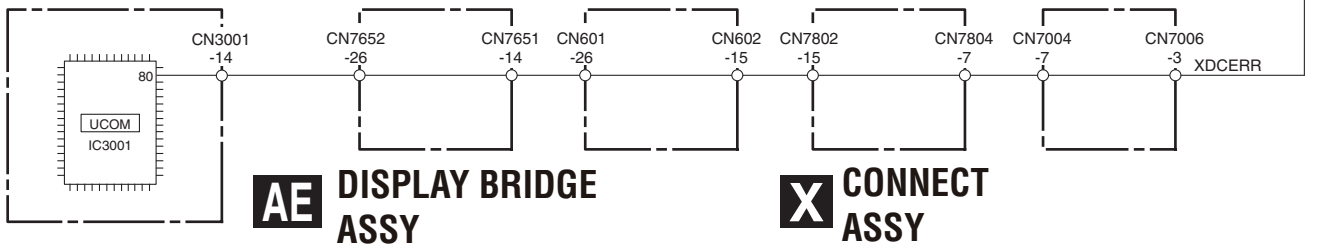
D

E

K DISPLAY ASSY

F DIGITAL MAIN ASSY

G INTERFACE ASSY



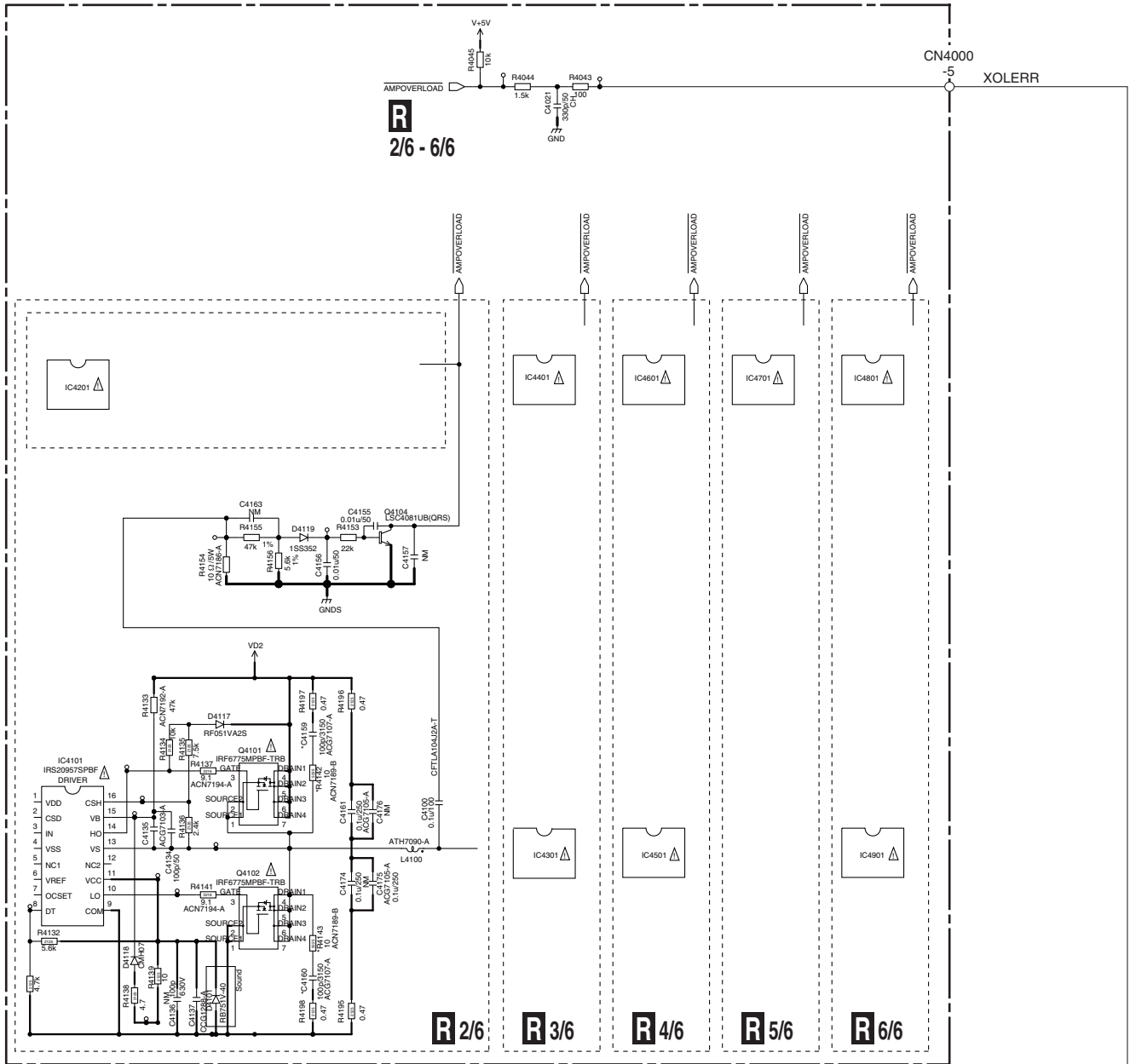
F

AE DISPLAY BRIDGE ASSY

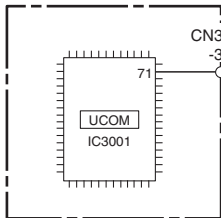
X CONNECT ASSY

Zobel Detection
Over Current Detection of MOS FET in Output Stage

R IR POWER AMP ASSY



K DISPLAY ASSY



F DIGITAL MAIN ASSY



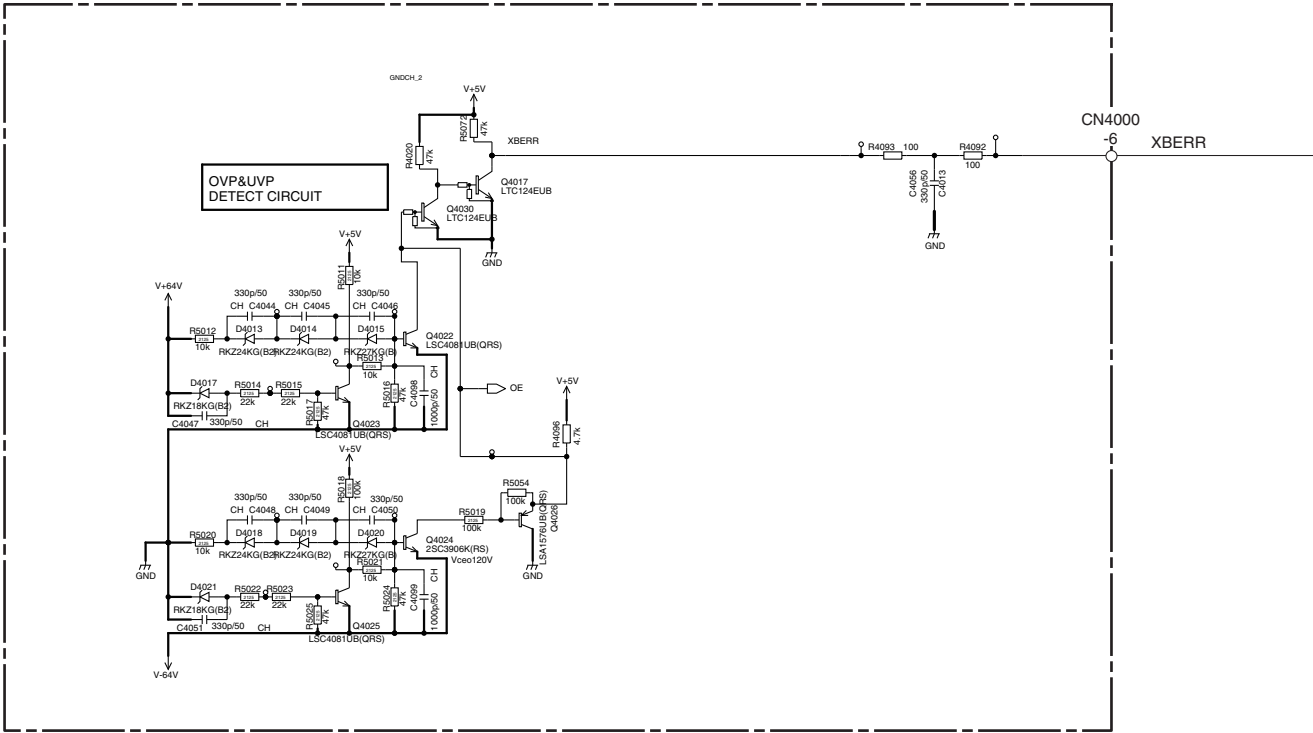
G INTERFACE ASSY

AE DISPLAY BRIDGE ASSY

X CONNECT ASSY

Amplifier Power Supply Failure Detection

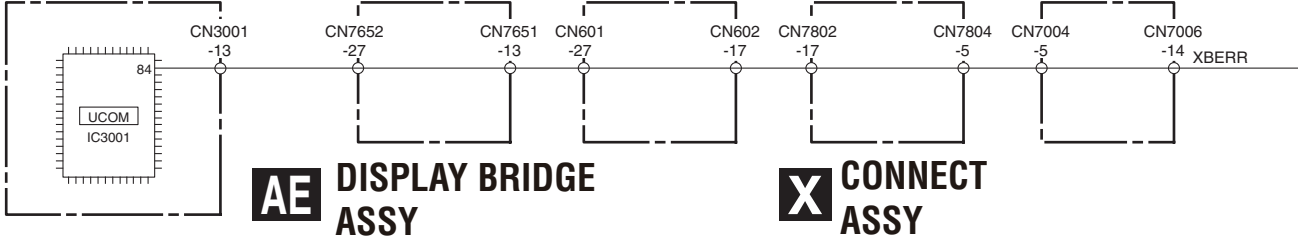
R IR POWER AMP ASSY



K DISPLAY ASSY

F DIGITAL MAIN ASSY

G INTERFACE ASSY



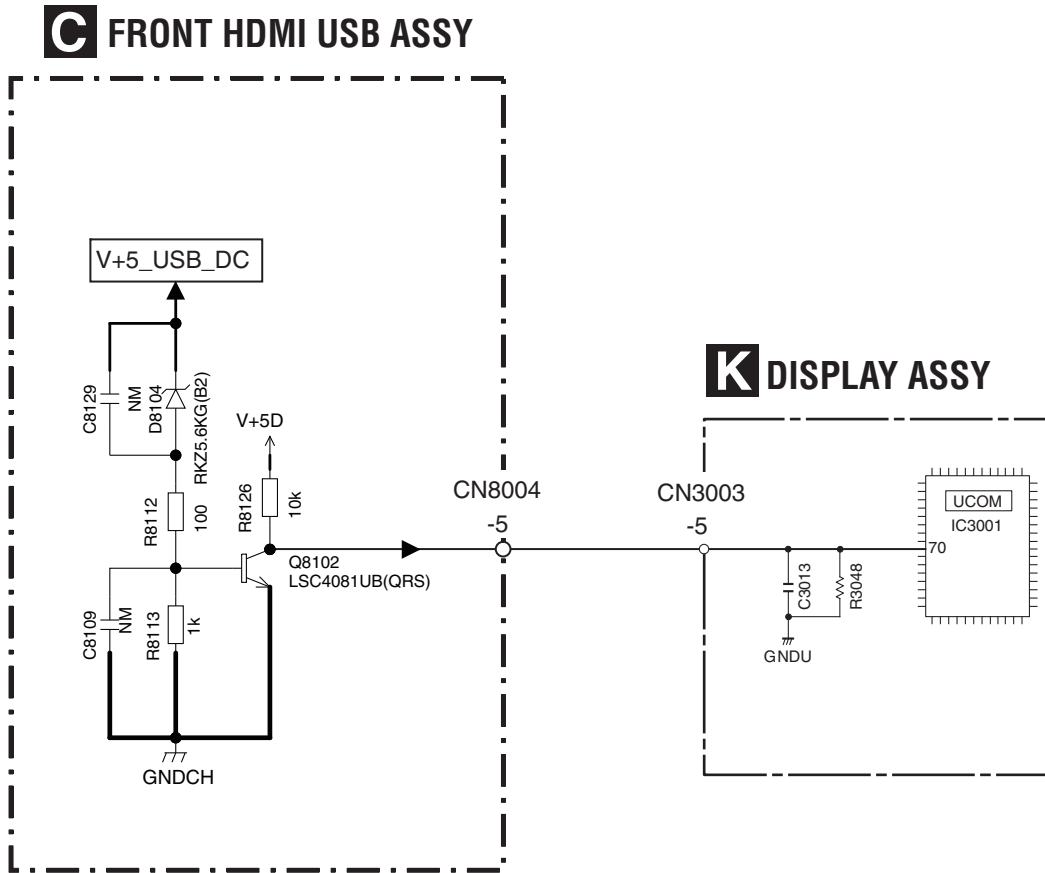
AE DISPLAY BRIDGE ASSY

X CONNECT ASSY

[2] Protection Circuit Process List (XVDDERR)

Item	Purpose	Detection Method	Status of Equipment	Warning Indication	Remarks
USB power failure detection	Detection of failure in regulator circuit for external supply	Detected when USB voltage reaches 7V or higher, or 4.1V or lower and XVDDERR port is set to "L"	Shuts down	Blinks iPod	Restoration possible with Power ON

XVDDERR Circuit



[3] 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) NA	NA	When the ANALOG INPUT OVER is detected.	Icon lights 1 second	While the Icon lights 1 second, when the ANALOG INPUT OVER is detected again, the Icon continues to light 1 second more from that time. While the Icon lights 1 second, when there is no ANALOG INPUT OVER detection, the Icon stops lighting and returns to normal display.	The Icon "OVER" lights
(5) NA	ADVANCED MCACC	When the B REG power supply failure is detected.		If abnormality voltage is detected in the B REG power supply circuit(XBERR), the unit power off immediately and the MCACC LED starts flashing. To restore the previous status, follow the procedure "How to Enter Release Mode".	
(6) NO ADAPTER	NA	When BT Adapter is not connected.	Lights	While the ADAPTER PORT function is selected, the BT Adapter is not connected.	
(7) NOT AVAILABLE	NA	Non-BT Adapter is connected.	Lights	While the ADAPTER PORT function is selected, the non-BT Adapter is connected.	
(8) WAITING DEVICE	NA	No wireless connection between BT source and AVR	Lights	While the ADAPTER PORT function is selected, there is no wireless connection between BT source equipment and AVR.	
(9) ADP OVERLOAD	NA	When overcurrent is detected in the Adapter port.	Lights	While the ADAPTER PORT function is selected, overcurrent is detected in the Adapter port, and Bluetooth function is not available.	
(10) WLAN POW ERR	NA	When power abnormality of wireless LAN converter is detected.	Flashes	Over-current status is generated at the power terminal of wireless LAN converter.	

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6. SERVICE MODE

6.1 TEST MODE

[1] Detected protection history

[Purpose]



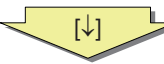













The numbers of detections for various protection processes are displayed.

[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 “MULTI-ZONE 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 overheat is detected.	BTMP : ***
 	
Display number of times B REG power supply failure is detected.	BERR : ***
 	

Front Panel Key

[↓] : TUNE Key

[↑] : TUNE Key

[←] : PRESET Key

[→] : PRESET Key

This function does not work on this model.

SC-57

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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▶
[↓] [↑]	
Display Model Name/Destination state.	SC-57 / UXJCB
[↓] [↑]	
Change cyclically	

Resetting the number of times error is detected

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

Resetting the accumulated time

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

Display CEC(TEST) state.

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

Display FAN(TEST) state.

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

Saving and Loading of USB backup state.

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

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

[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.

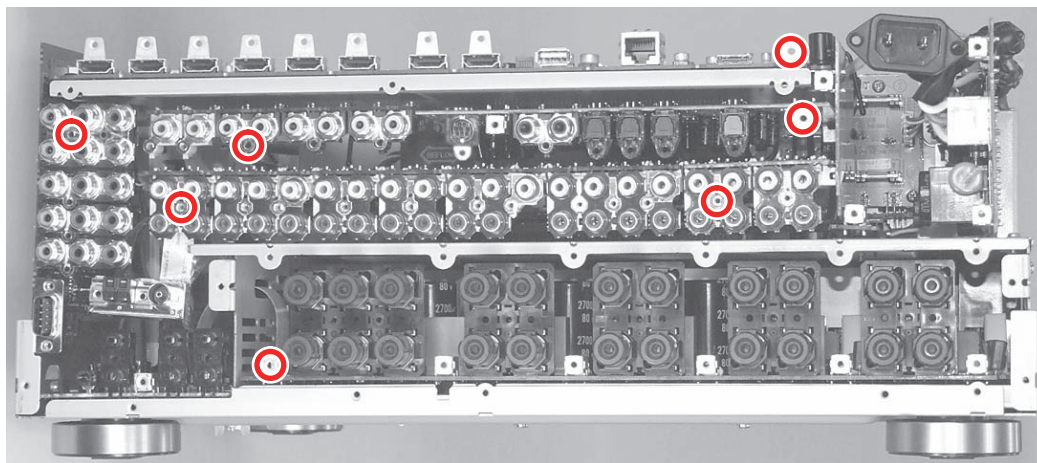
FAN TEST : The function for making the FAN to be forced to rotate.

7. DISASSEMBLY

Ground Points

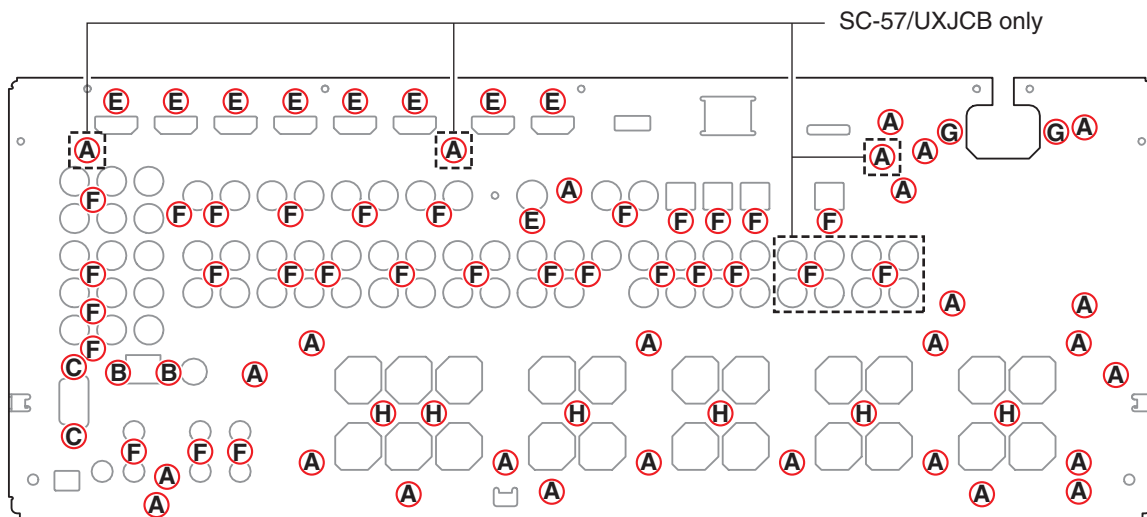
Note:

The points marked below must be grounded when the Rear Panel 57U is removed. Before turning the unit ON, be sure to ground the marked points with the chassis. Or, you may short-circuit the ground points on the solder surface, using pieces of wire.



Screws for Rear Panel 57U

<p>A ABA1011</p>	<p>B ABA1207</p>	<p>C ABA7078</p>	<p>D BBZ30P060FCC</p>
<p>E BMZ30P040FTB</p>	<p>F BPZ30P080FTB</p>	<p>G CBZ30P080FTB</p>	<p>H BPZ30P100FTC</p>



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.

- 39P FFC (GGD1681)
- 15P FFC (GGD1680)
- 30P + 30P board to board extension jig cable (GGD1682)
- 28P + 14P board to board extension jig cable (GGD1763)
- 23P + 23P board to board extension jig cable (GGD1761)
- 20P + 20P board to board extension jig cable (GGD1677)
- 20P + 14P board to board extension jig cable (GGD1759)
- 15P + 7P board to board extension jig cable (GGD1762)
- 5P PH Housing Assy (GGD1594)

(3) Before starting the diagnosis, wait for three minutes until the electricity of the unit is discharged.

Disassembly

[1] Front Section

Remove the Bonnet 85 by removing the 16 screws.



Notes on assembling as to the Bonnet 85

Tighten screw from the location *1 on the picture.

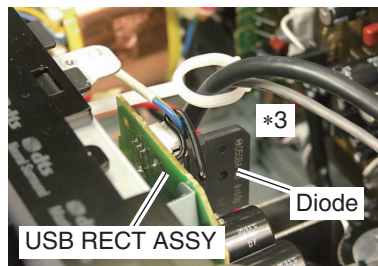
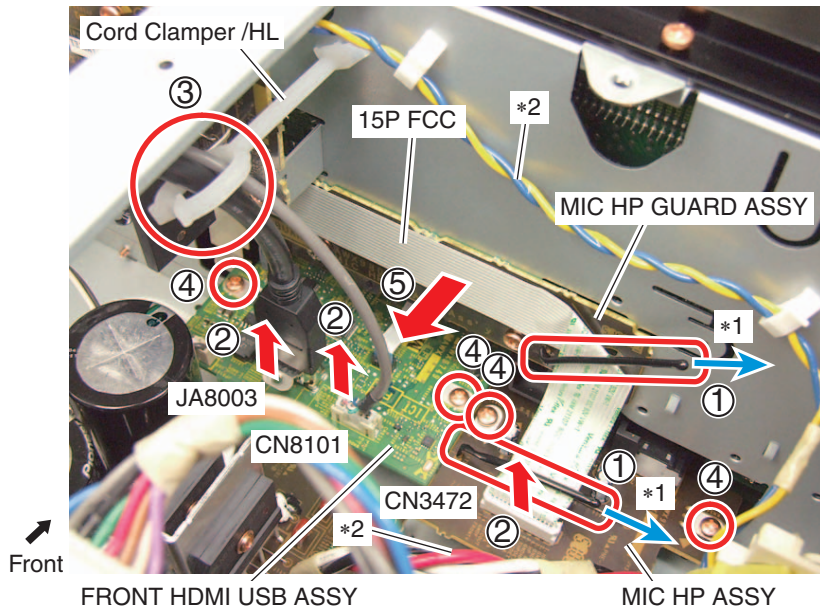
[1-1] Front Section

- (1) Release the 15P FCC (ADD7745) from the two PCB binders.
- (2) Disconnect the three connectors.
- (3) Release the two cables from the Cord Clamper /HL.
- (4) Remove the fore screws. (BBZ30P060FCC)
- (5) Remove the 15P FCC (ADD7745) from the MIC HP GUARD ASSY.

Note: 15P FCC (ADD7745) is affixed with the double side tape (10 x 110mm).

Notes on assembling

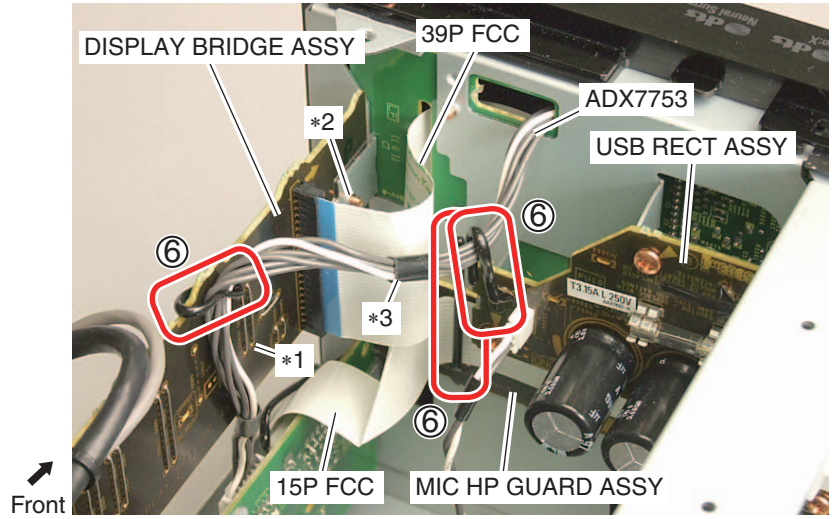
- *1: PCB binder tilt in the direction of the blue arrow.
- *2: 15P FFC (ADD7745) don't touch cable from Power Transformer.
- *3: Don't touch cables to Diode.



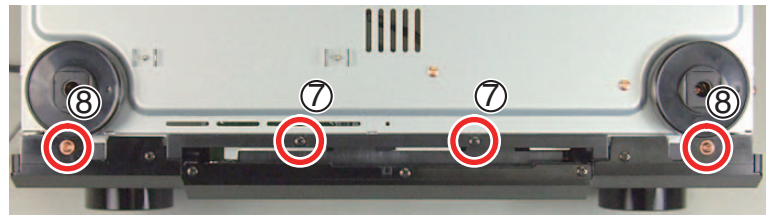
(6) Release the jumper wires from the three PCB binders.

Notes on assembling

- *1: Jumper wire (ADX7753: from DISPLAY ASSY) don't touch J7657 and J7904 for the DISPLAY BRIDGE ASSY.
- *2: Don't touch the 39P FFC (ADD7753) to a top of screw.
- *3: Bind as not to touch 39P FFC (ADD7753) and Jumper wire (ADX7753).

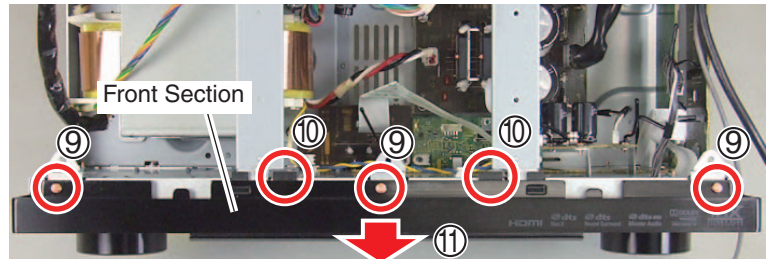


(7) Remove the two screws. (BBZ30P080FTB)
 (8) Remove the two screws. (ABA1193)



• Bottom view

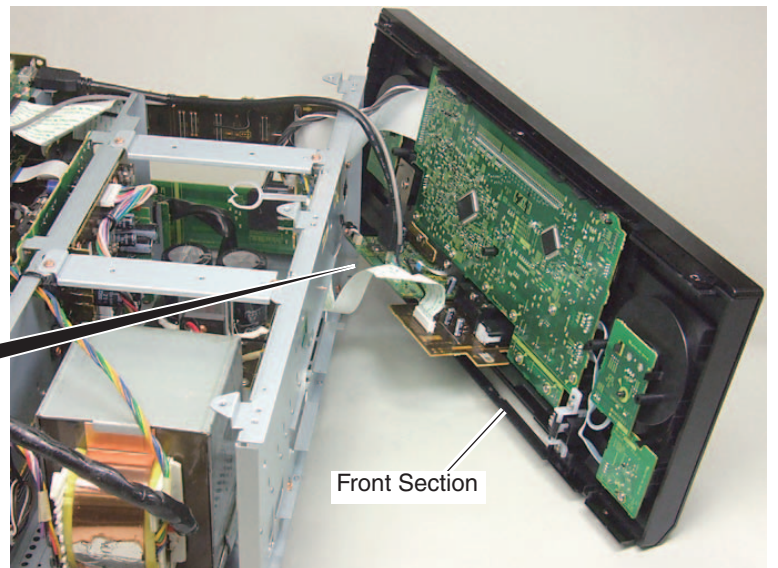
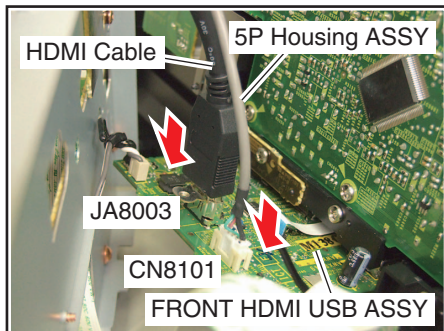
(9) Remove the three screws. (BBT30P080FCC)
 (10) Unhook the two hooks.
 (11) Remove the Front Section.



• Top view

[1-2] Diagnosis

Connect the two connectors and arrange the unit as shown in the photo.



[2] Rear Section

When you perform diagnosis on the side-B of AUDIO ASSY, please refer to last part of Step, "[5-2] Diagnosis".

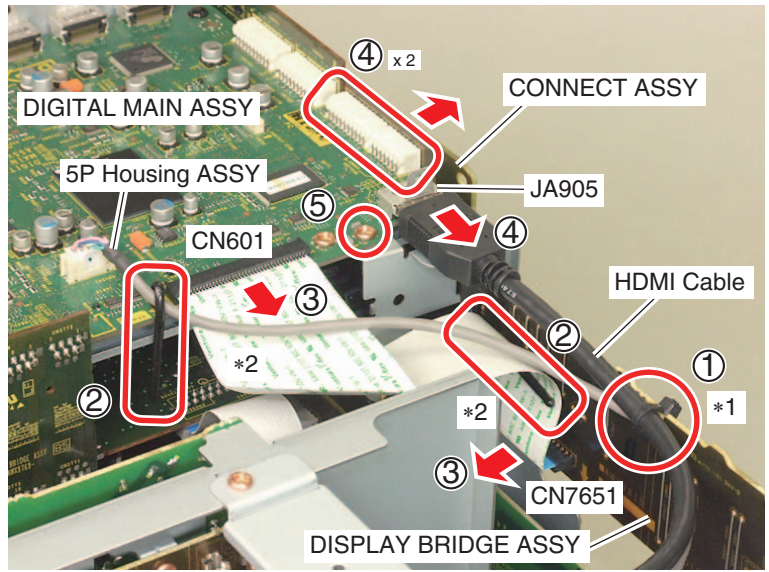
Remove the Bonnet 85 by removing the 16 screws.

[2-1] Rear Section

- (1) Cut the Binder.
- (2) Release the cables from the two PCB binders.
- (3) Remove the 39P FFC (ADD7746) by disconnect the two connectors.
- (4) Disconnect the three connectors.
- (5) Remove the screw. (BBZ30P060FCC)

Notes on assembling

- *1: HDMI Cabel and 5P Housing ASSY (ADX7748) bind together inside.
- *2: Attention to style cables as shown in the photo.

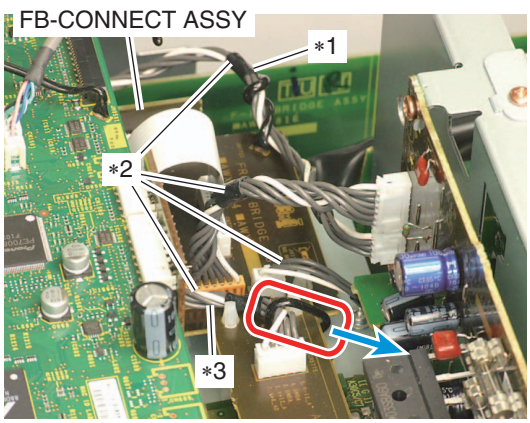
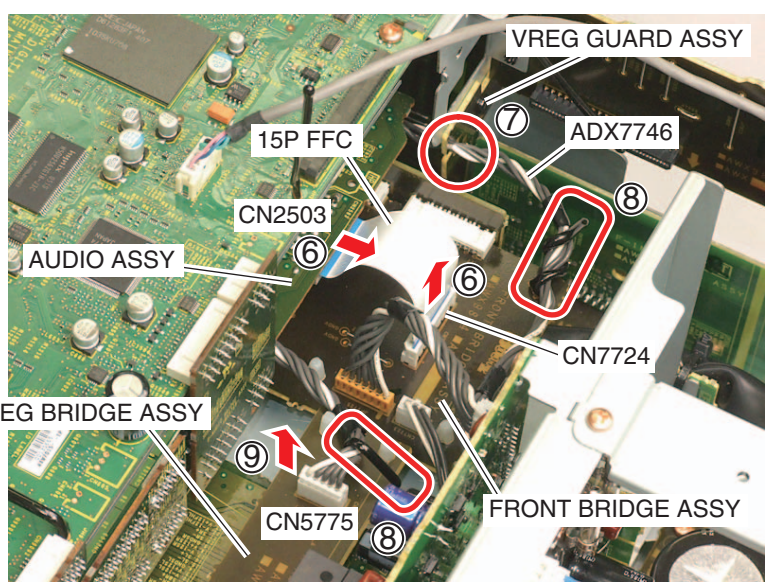


- (6) Remove the 15P FFC (ADD7725) by disconnect the two connectors.
- (7) Release the jumper wire (ADX7746: from COMPONENT ASSY) from hook of the VREG GUARD ASSY.
- (8) Release the jumper wires from two PCB binders.
- (9) Disconnect the connector.

Notes on assembling

- *1: Twist PCB binder around the jumper wire (ADX7746) so that it does not contact FB-CONNECT ASSY or plate.
- *2: Four jumper wires don't contact.
- *3: PCB binder tilt in the direction of the blue arrow and pull the jumper wire (ADX7745: from AUDIO ASSY) to the opposite direction (blue arrow) .

Front

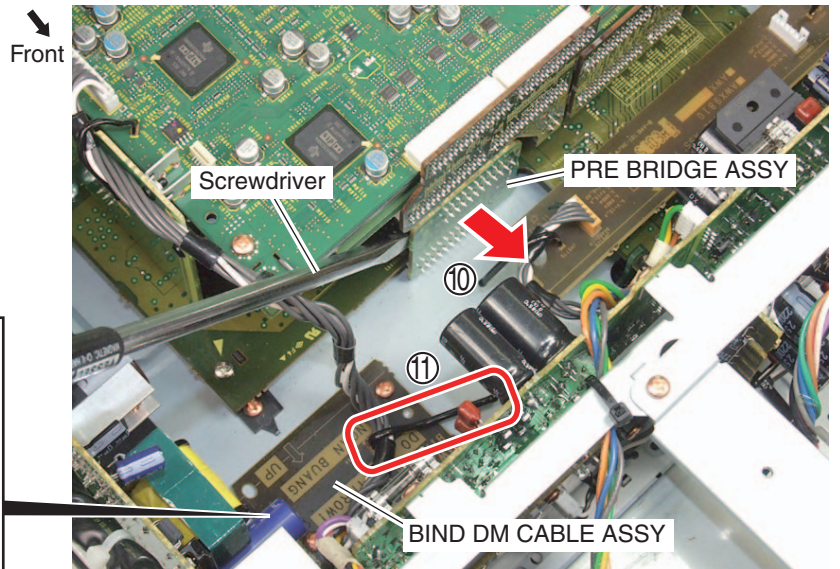
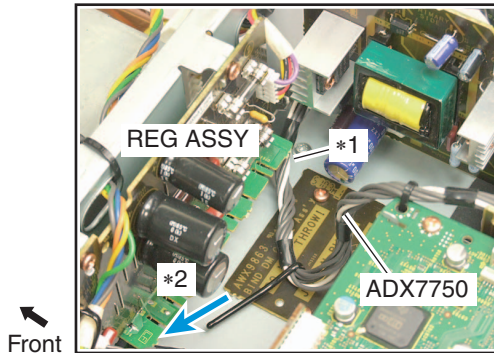


Front

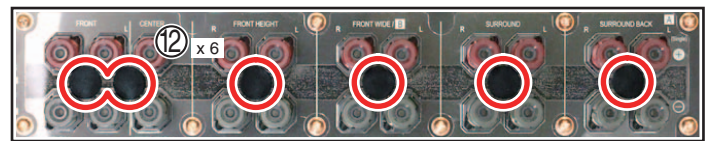
- (10) Remove the PRE BRIDGE ASSY.
 (11) Release the jumper wire (ADX7750: from PRIMARY ASSY) from PCB binder.

Notes on assembling

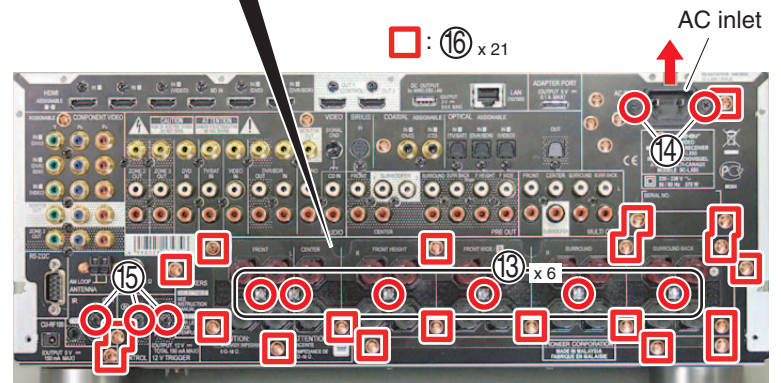
- *1: Pass the jumper wire (ADX7750: from PRIMARY ASSY) under the REG ASSY.
 *2: PCB binder tilt in the direction of the blue arrow.



- (12) Remove the six Cushion Circle 14B.



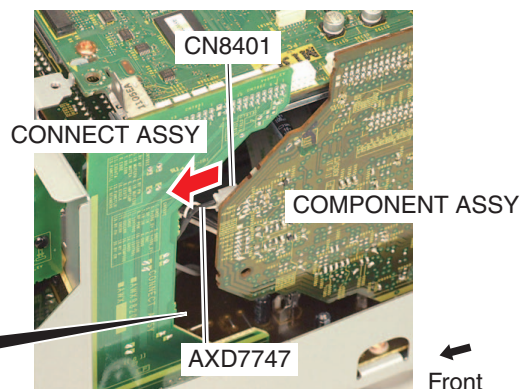
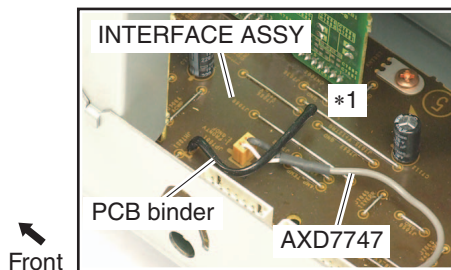
- (13) Remove the six screws. (BPZ30P100FTC)
 (14) Remove the AC inlet by removing the two screws. (CBZ30P080FTB)
 (15) Remove the three screws. (BPZ30P080FTB)
 (16) Remove the 21 screws. (ABA1011)
 (17) Remove the Rear Section.



Note: Also disconnect the jumper wire (ADX7747: from INTERFACE ASSY) from the COMPONENT ASSY.

Note on assembling

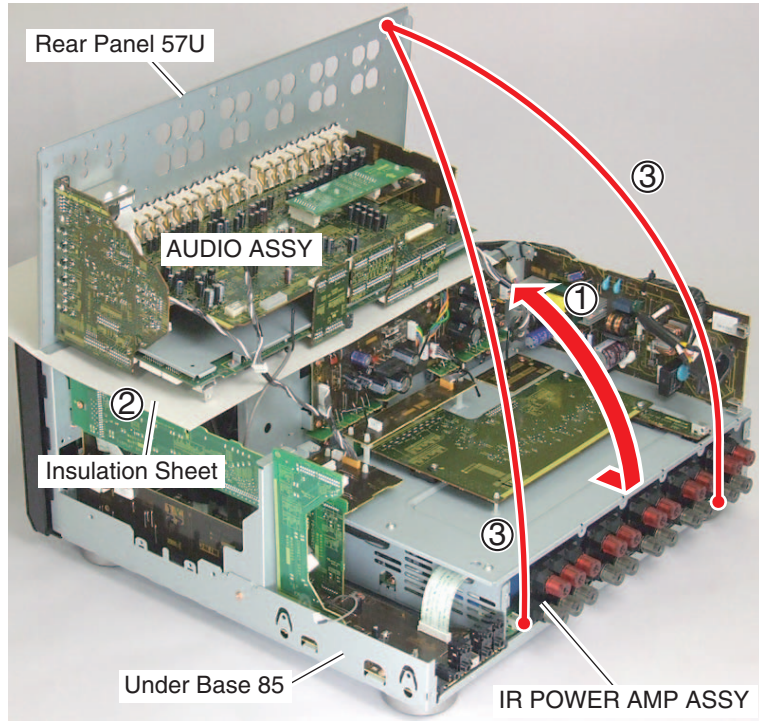
- *1: Bind jumper wire (ADX7747: from INTERFACE ASSY), using the PCB binder.



[2-2] Diagnosis

- (1) Arrange the unit as shown in the photo.
- (2) Insert the Insulation Sheet.
- (3) Connect the Rear Panel 57U to the Under Base 85 Ground and GND point of the IR POWER AMP ASSY.

(Refer to the "Ground Points" for the GND point of the IR POWER AMP ASSY.)

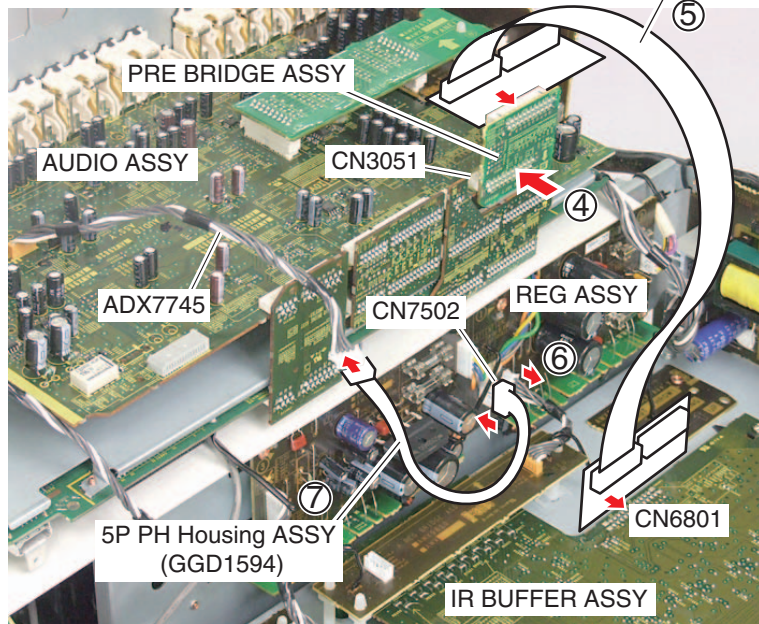


23P + 23P board to board extension jig cable (GGD1761)

- (4) Attach the PRE BRIDGE ASSY.
- (5) Connect the two pair board to board extension jig cables. (GGD1761) (PRE BRIDGE CN6951 <-> IR BUFFER CN6801)

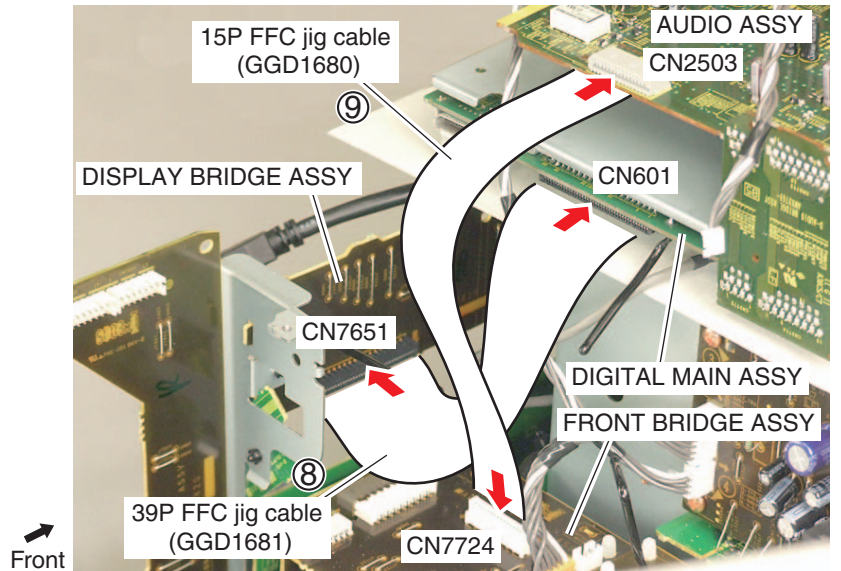
Note: In case of using GGD1761 with the this condition, only using a left side connector on the jig board.

- (6) Disconnect the connector.
- (7) Connect the 5P PH Housing ASSY jig cable. (GGD1594) (AUDIO ADX7745 <-> REG CN7502)



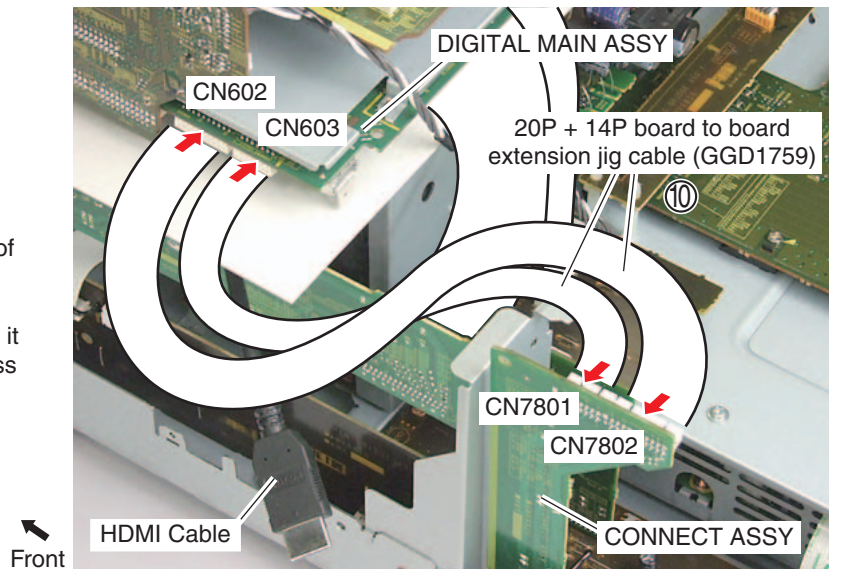
Front

- (8) Connect the 39P FCC jig cable. (GGD1681)
(DIGITAL MAIN CN601 <-> DISPLAY BRIDGE CN7651)
- (9) Connect the 15P FCC jig cable. (GGD1680)
(AUDIO CN2503 <-> FRONT BRIDGE CN7724)



- (10) Connect the two pair board to board extension jig cables. (GGD1759)
(DIGITAL MAIN CN602 <-> CONNECT CN7802)
(DIGITAL MAIN CN603 <-> CONNECT CN7801)

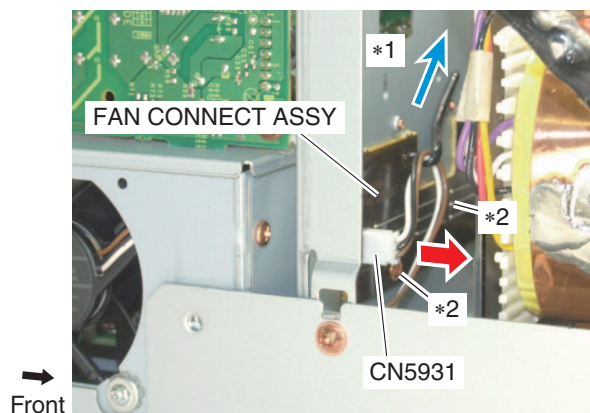
Note1: In case of diagnosis by this situation, do not connect HDMI Cable from FRONT HDMI USB ASSY to prevent breakdown of HDMI connector.
If the HDMI connection is necessary, use another normal HDMI Cable and connect it to DIGITAL MAIN ASSY without any stress from HDMI Cable.



Note2: When diagnosing, it is not necessary to connect FAN cable (FAN CONNECT ASSY: CN5931).

Notes on assembling

- *1: PCB binder tilt in the direction of the blue arrow.
- *2: This jumper wire don't touch jumper and screw.



[3] IR POWER AMP ASSY

Remove the Rear Section.

(Refer to the "[2] Rear Section")

[3-1] IR Cover 85

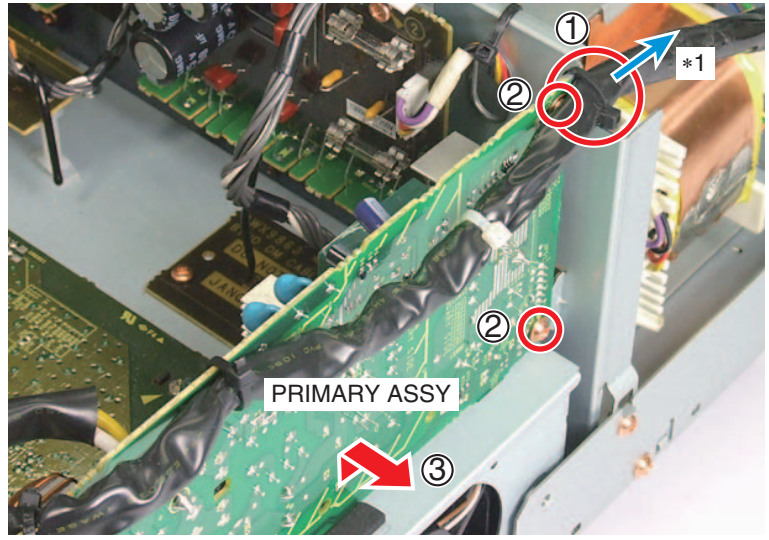
(1) Cut the Binder.

(2) Remove the two screws. (ABA1011)

(3) Remove the PRIMARY ASSY.

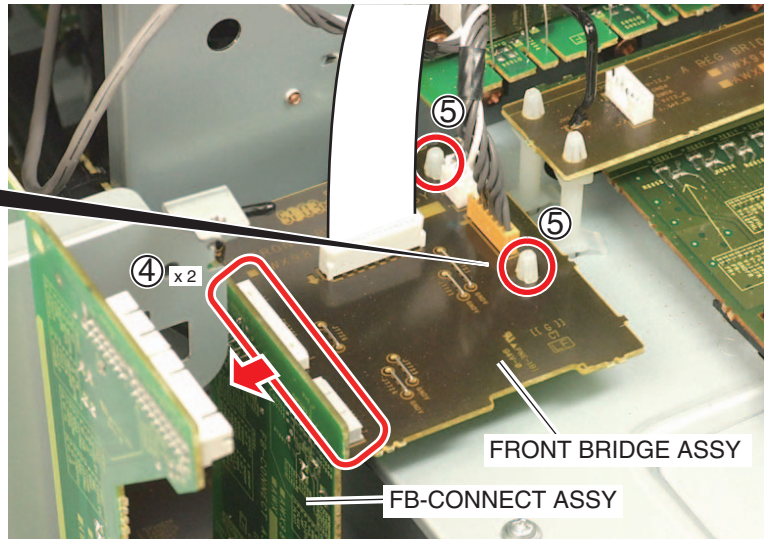
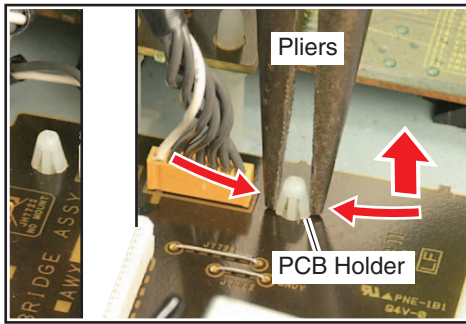
Note on assembling

*1: After the jumper wire is bounded, pull the extra length to the direction indicated by the blue arrow.



(4) Disconnect the two connectors.

(5) Remove the FRONT BRIDGE ASSY from the two PCB Holder, using Pliers.



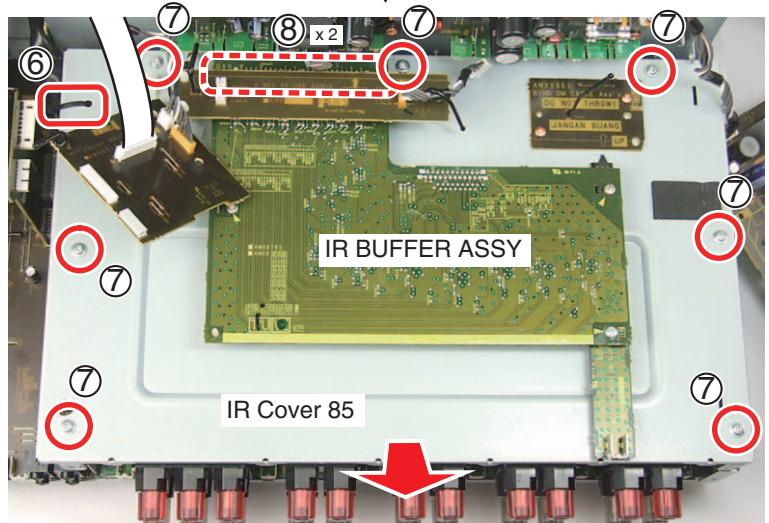
(6) Cut the Binder.

(7) Remove the seven screws. (AMZ30P060FTC)

(8) Disconnect the two connectors and then remove the IR Cover 85 (with four assy).

Note on assembling :

To attach the IR Cover 85 in the correct position, refer to step (9) and subsequent steps in it, "Assembling of IR Amplifier Block".



[3-2] Diagnosis

Note 1: Rear Section should be set diagnosis condition with extension jig cables.

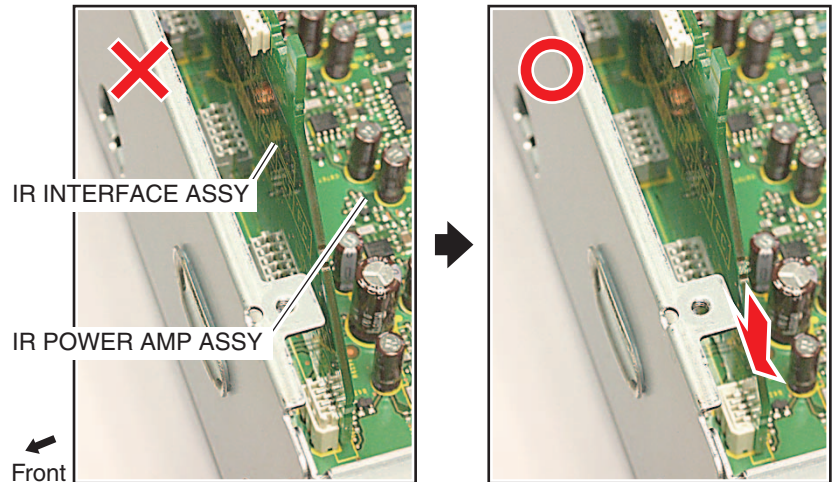
Refer to the “[2-2] Diagnosis” of “[2] Rear Section”.

Disconnect the two pair board to board extension jig cables (GGD1761) and remove the PRE BRIDGE ASSY.

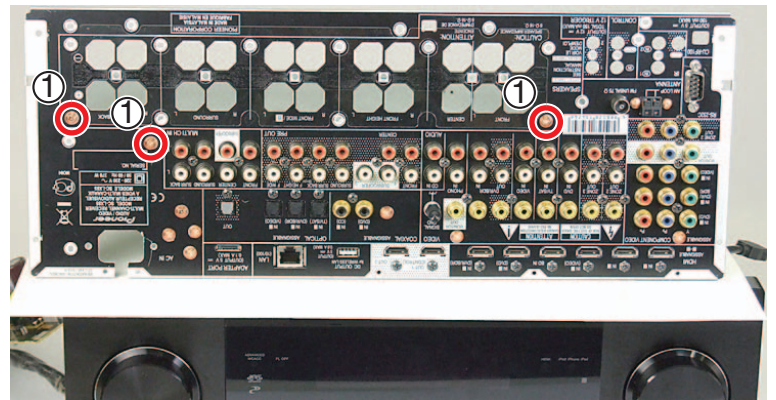
(Refer to the steps (5) to (4) of “[2-2] Diagnosis”.)

Note 2: If the IR BUFFER ASSY is removed, the connectors of IR INTERFACE ASSY may be loosened.

Attach the connectors securely.

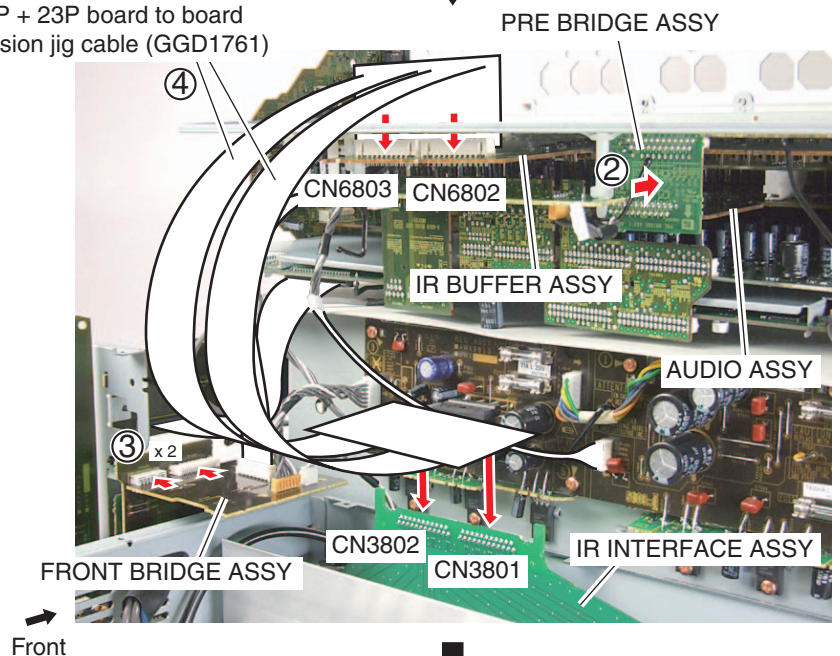


- (1) Temporarily attach the IR COVER 85 to the Rear Panel 57U, using the three screws (ABA1011).

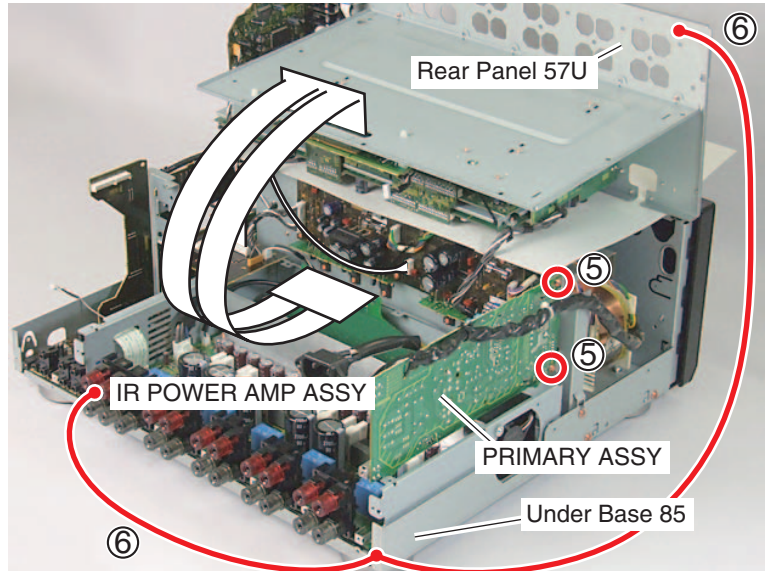


- (2) Attach the PRE BRIDGE ASSY.
- (3) Connect the two connectors and attach the FRONT BRIDGE ASSY.
- (4) Connect the two pair board to board extension jig cables. (GGD1761)
(IR INTERFACE CN3801 <-> IR BUFFER CN6802)
(IR INTERFACE CN3802 <-> IR BUFFER CN6803)

23P + 23P board to board extension jig cable (GGD1761)

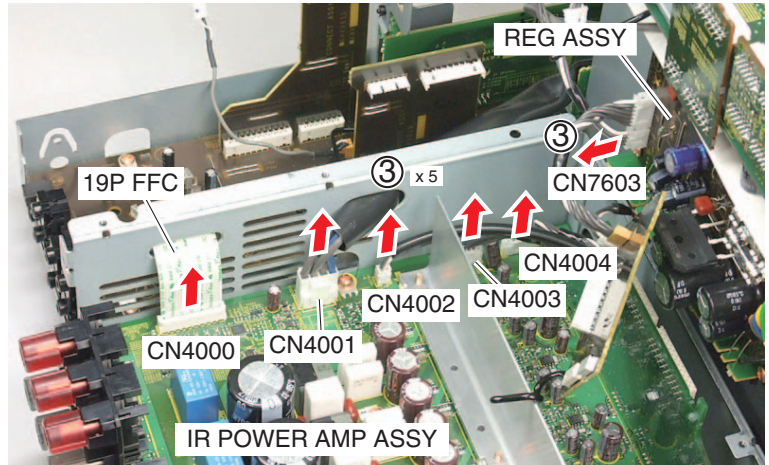


- (5) Attach the PRIMARY ASSY, using the two screws (ABA1011).
- (6) Connect the Rear Panel 57U to the Under Base 85 Ground and GND point of the IR POWER AMP ASSY. (Refer to the "Ground Points".)



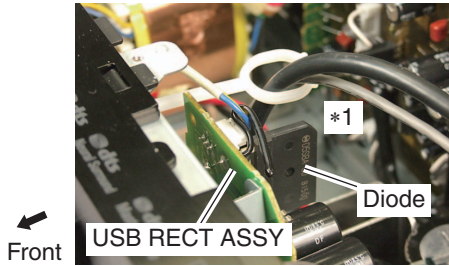
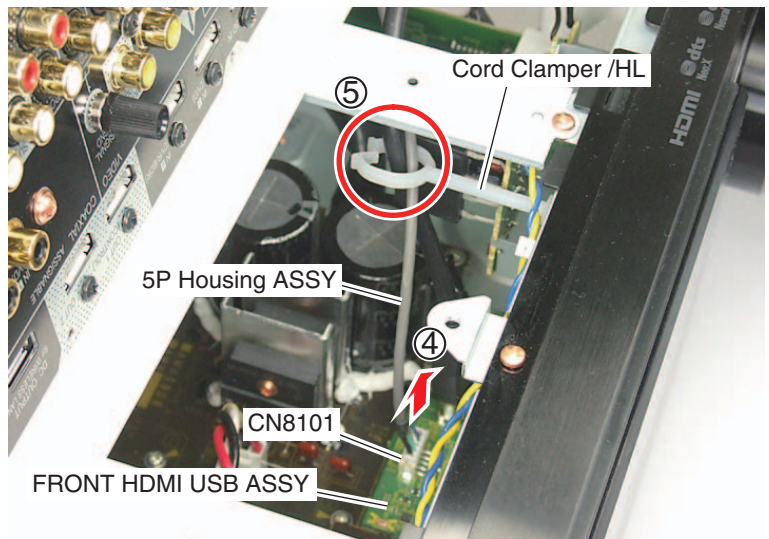
[3-3] Remove the IR Amplifier Block

- (1) Disconnect the two pair board to board extension jig cables (GGD1761) and remove the PRIMARY ASSY and FRONT BRIDGE ASSY. (Refer to the steps (3) to (1) of "[3-2] Diagnosis")
- (2) Disconnect the six extension jig cables. (Refer to the steps (10) to (5) of "[2-2] Diagnosis")
- (3) Disconnect the six connectors.

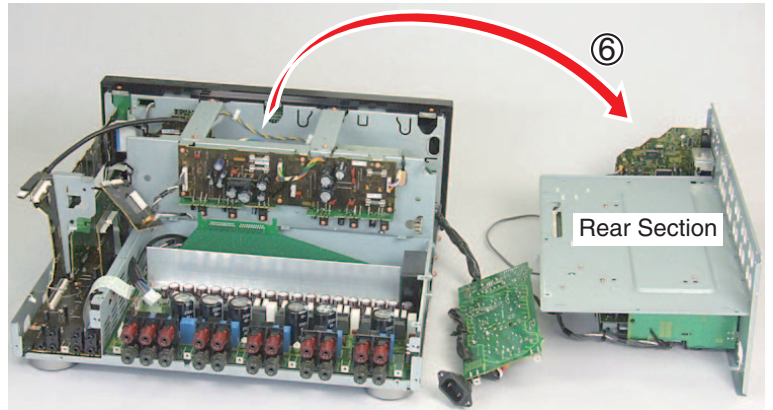


- (4) Disconnect the connector.
- (5) Release the 5P Housing ASSY from the Cord Clamper /HL.

Note on assembling
*1: Don't touch cables to Diode.



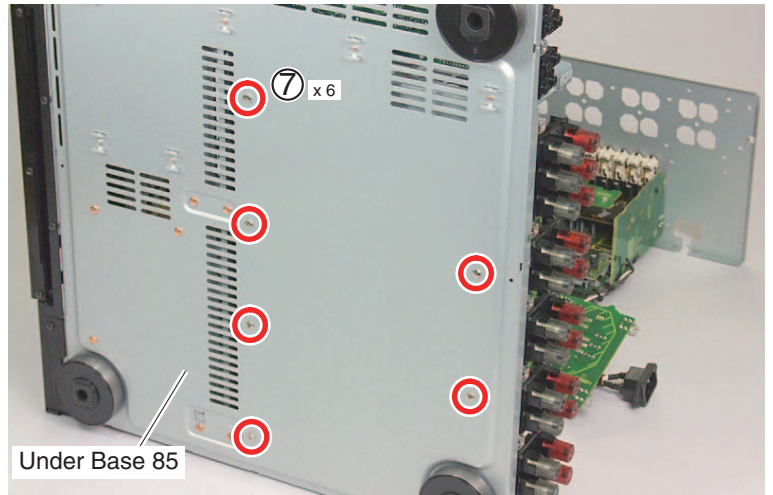
(6) Arrange the unit as shown in the photo.



A

B

(7) Set up the main unit part as shown in the photo, and remove six screws. (BPZ30P080FNI)

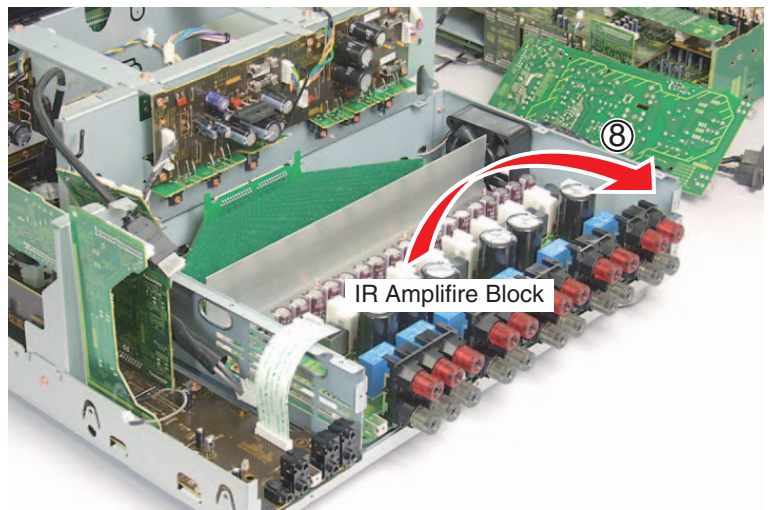


C

D

(8) Remove the IR Amplifier Block.

Note: Refer to the "Assembling of IR Amplifier Block" for the installation procedure of the IR Amplifier Block.



E

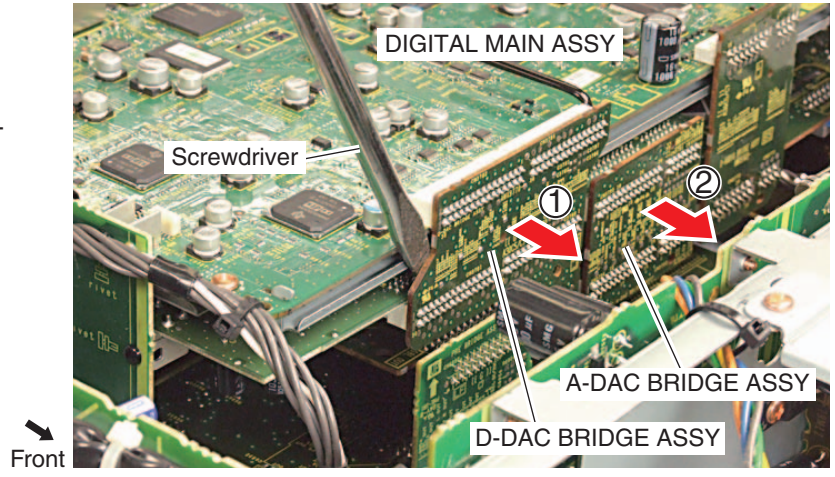
F

[4] DAC HIGH ASSY

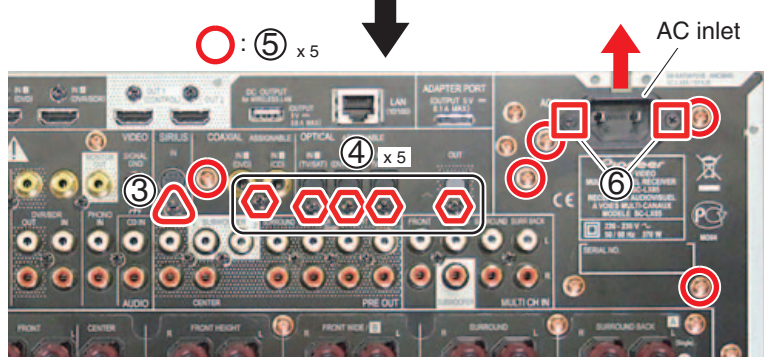
Remove the Bonnet 85 by removing the 16 screws.

[4-1] Exterior

- (1) Remove the D-DAC BRIDGE ASSY.
- (2) Remove the A-DAC BRIDGE ASSY.



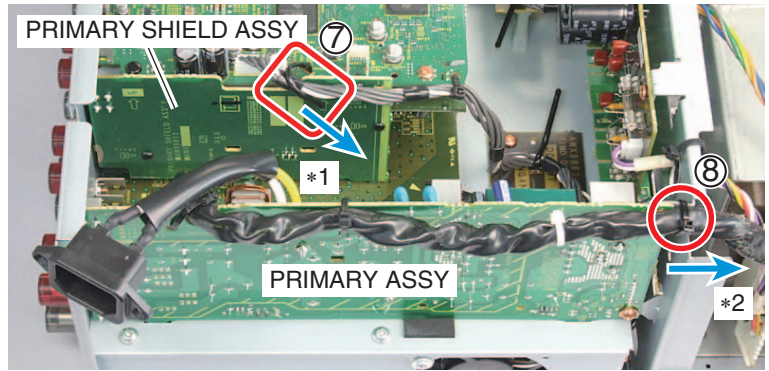
- (3) Remove the screw. (BMZ30P040FTB)
- (4) Remove the five screws. (BPZ30P080FTB)
- (5) Remove the five screws. (ABA1011)
- (6) Remove the AC inlet by removing the two screws. (CBZ30P080FTB)



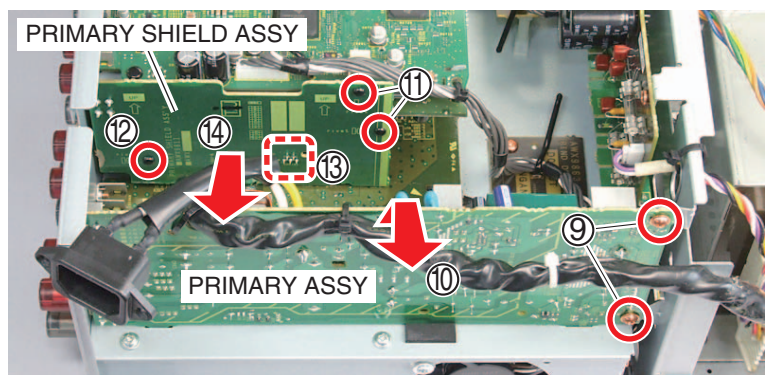
- (7) Release the jumper wire from PCB binder.
- (8) Cut the Binder.

Notes on assembling

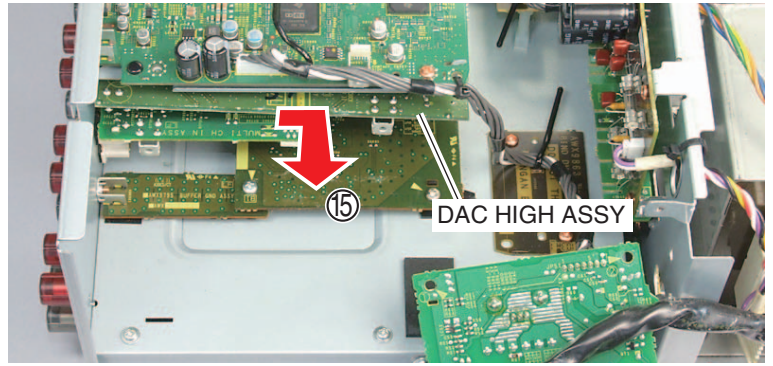
- *1: PCB binder tilt in the direction of the blue arrow.
- *2: After the jumper wire is bounded, pull the extra length to the direction indicated by the blue arrow.



- (9) Remove the two screws. (ABA1011)
- (10) Remove the PRIMARY ASSY.
- (11) Remove the two Push Rivet. (AEC7071)
- (12) Remove the Push Rivet. (AEC7071: SC-57/UXJCB only)
- (13) Disconnect the connector. (SC-57/UXJCB only)
- (14) Remove the PRIMARY SHIELD ASSY.



(15) Remove the DAC HIGH ASSY.

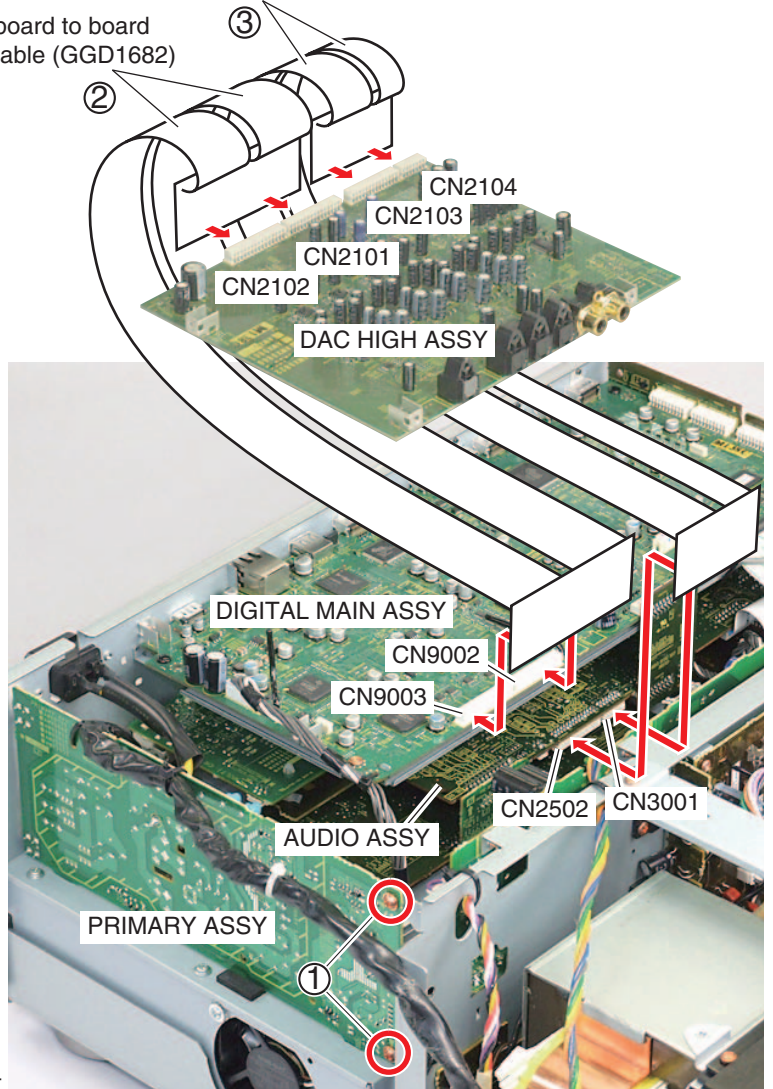


[4-2] Diagnosis

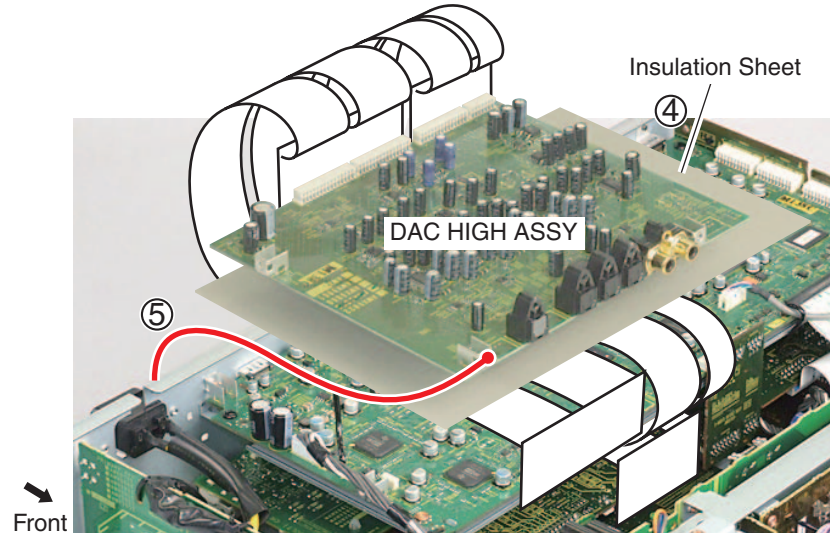
- (1) Attach the PRIMARY ASSY, using the two screws (ABA1011).
- (2) Connect the two pair board to board extension jig cables. (GGD1682)
 (DAC HIGH CN2102 <-> DIGITAL MAIN CN9003)
 (DAC HIGH CN2101 <-> DIGITAL MAIN CN9002)
- (3) Connect the two pair board to board extension jig cables. (GGD1763)
 (DAC HIGH CN2103 <-> AUDIO CN2502)
 (DAC HIGH CN2104 <-> AUDIO CN3001)

28P + 14P board to board extension jig cable (GGD1763)

30P + 30P board to board extension jig cable (GGD1682)



- (4) Insert the Insulation Sheet.
- (5) Connect the DAC HIGH ASSY to the Rear Panel 57U ground.
(Refer to the "Ground points.")



[5] DIGITAL MAIN ASSY

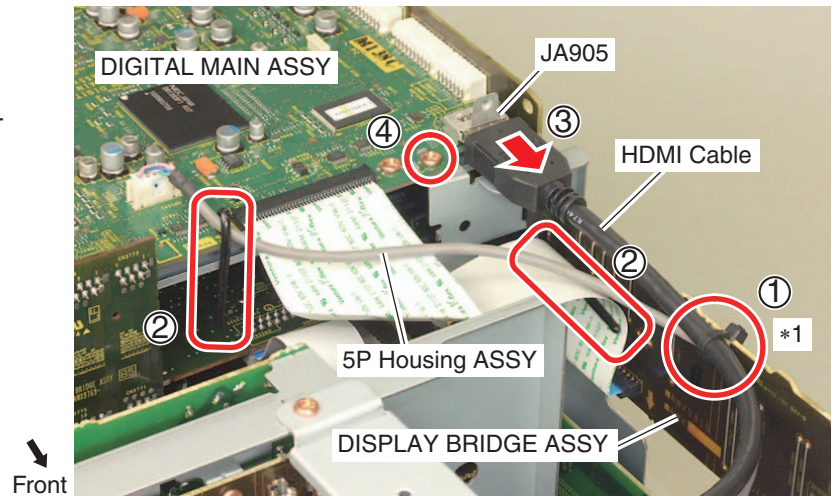
Remove the Bonnet 85 by removing the 16 screws.

[5-1] Rear Section

- (1) Cut the Binder.
- (2) Release the cables from the two PCB binders.
- (3) Disconnect the connector.
- (4) Remove the screw. (BBZ30P060FCC)

Note on assembling

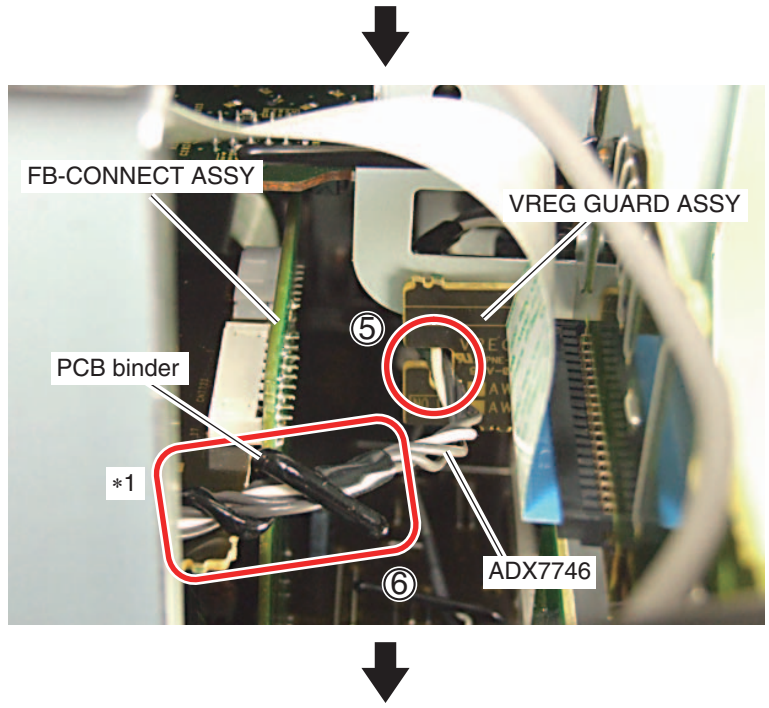
*1: HDMI Cabel and 5P Housing ASSY (ADX7748) bind together inside.



- (5) Release the jumper wire (ADX7746: from COMPONENT ASSY) from hook of the VREG GUARD ASSY.
- (6) Release the jumper wire from PCB binder.

Note on assembling

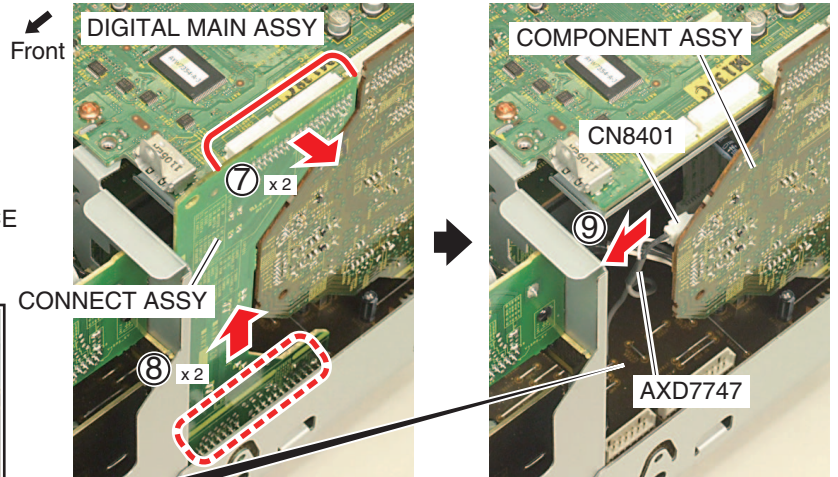
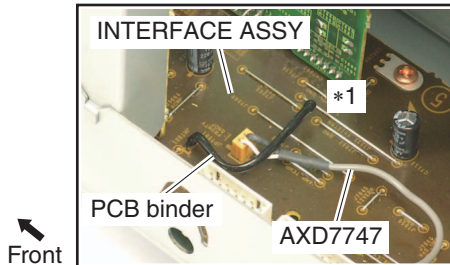
*1: Twist PCB binder around the jumper wire (ADX7746) so that it does not contact FB-CONNECT ASSY or plate.



- (7) Disconnect the two connectors.
- (8) Disconnect the two connectors and then remove the CONNECT ASSY.
- (9) Disconnect the connector.

Note on assembling

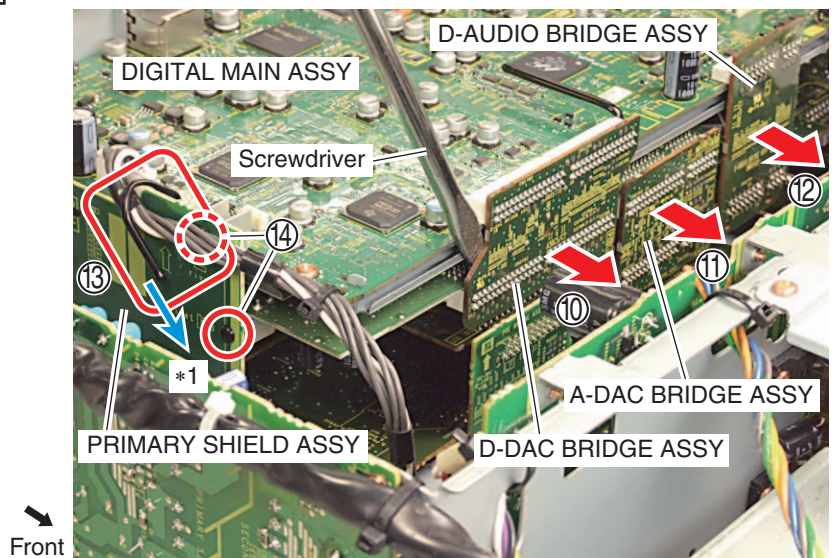
*1: Bind jumper wire (ADX7747: from INTERFACE ASSY), using the PCB binder.



- (10) Remove the D-DAC BRIDGE ASSY.
- (11) Remove the A-DAC BRIDGE ASSY.
- (12) Remove the D-AUDIO BRIDGE ASSY.
- (13) Release the jumper wire from PCB binder.
- (14) Remove the two Push Rivet. (AEC7071)

Note on assembling

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

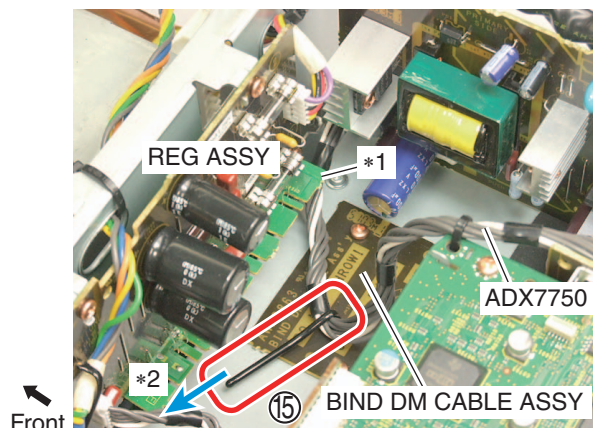


- (15) Release the jumper wire (ADX7750: from PRIMARY ASSY) from PCB binder.

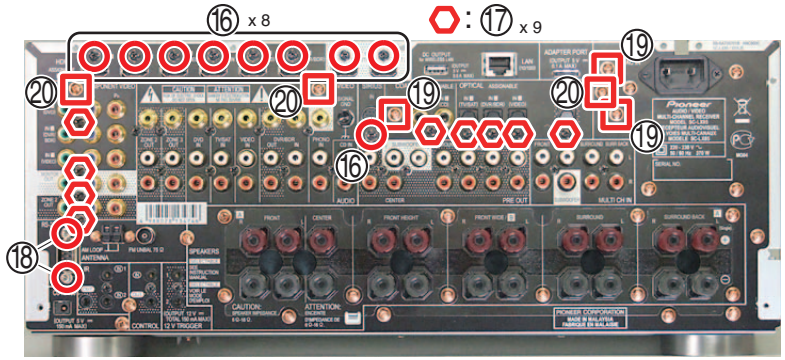
Notes on assembling

*1: Pass the jumper wire (ADX7750: from PRIMARY ASSY) under the REG ASSY.

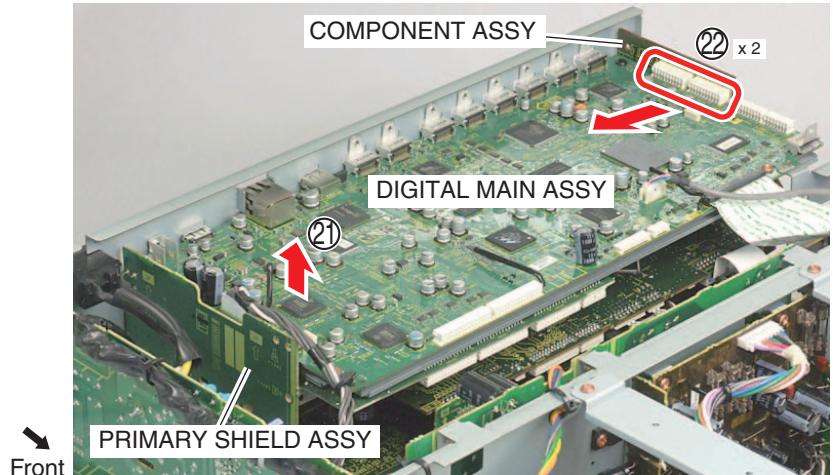
*2: PCB binder tilt in the direction of the blue arrow.



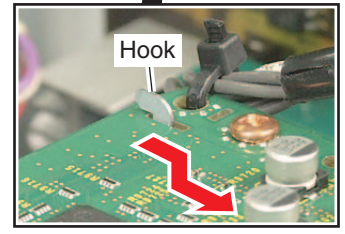
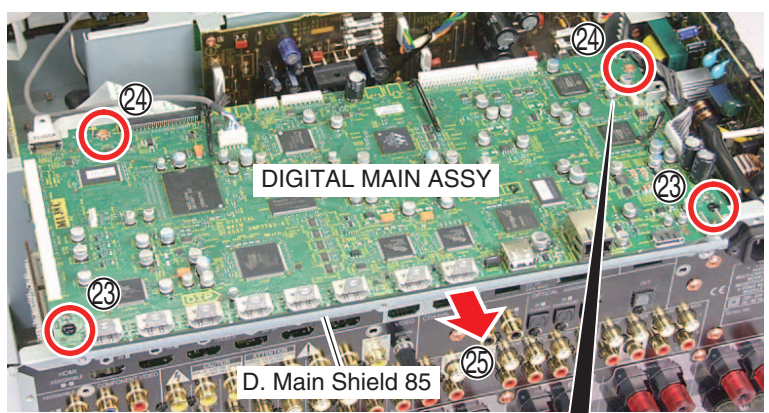
- (16) Remove the nine screws. (BMZ30P040FTB)
- (17) Remove the nine screws. (BPZ30P080FTB)
- (18) Remove the two Hex head Screws. (ABA7078)
- (19) Remove the three screws. (ABA1011)
- (20) Remove the three screws. (ABA1011: SC-57/UXJCB only)



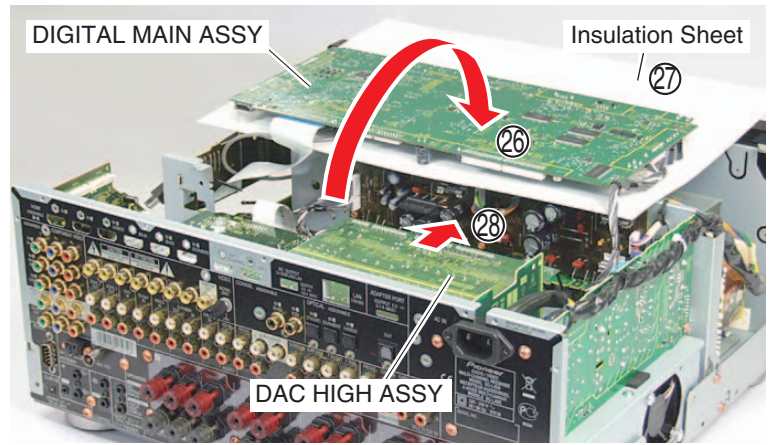
- (21) Lift the DIGITAL MAIN ASSY from the PRIMARY SHIELD ASSY side.
- (22) Disconnect the two connectors and then remove the DIGITAL MAIN ASSY.



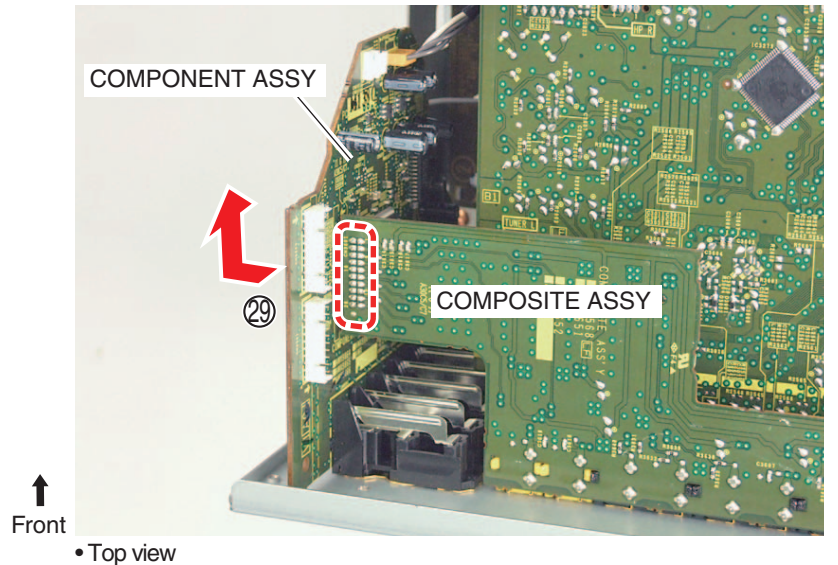
- (23) Remove the two Nylon Rivet. (AEC7406: SC-57/UXJCB only)
- (24) Remove the two screws. (BBZ30P060FCC: SC-57/UXJCB only)
- (25) Remove the D. Main Shield 85. (SC-57/UXJCB only)



- (26) Arrange the DIGITAL MAIN ASSY as shown in the photo.
- (27) Insert the Insulation Sheet.
- (28) Remove the DAC HIGH ASSY.



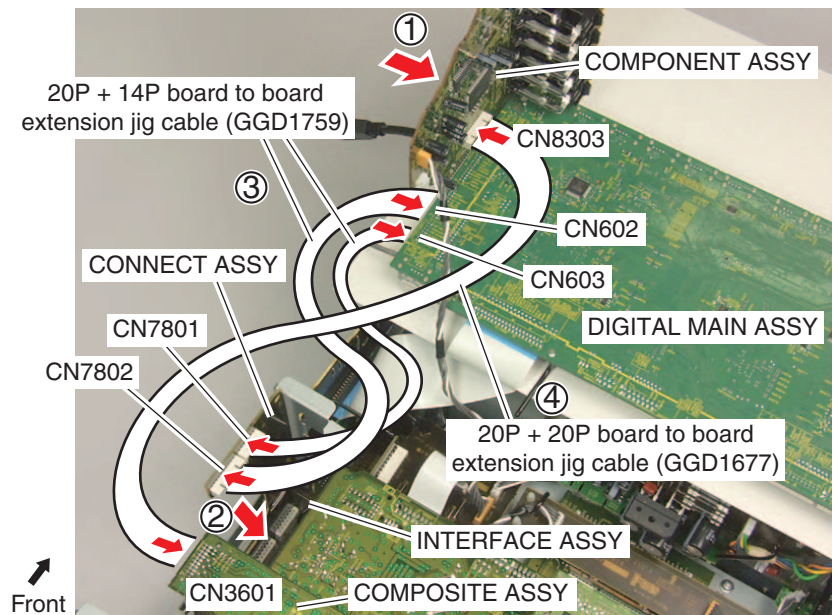
- (29) Disconnect the connector and then remove the COMPONENT ASSY.



[5-2] Diagnosis to the side-B of the DIGITAL MAIN ASSY

- (1) Attach the COMPONENT ASSY to the DIGITAL MAIN ASSY.
- (2) Attach the CONNECT ASSY to the INTERFACE ASSY.
- (3) Connect the two pair board to board extension jig cables. (GGD1759) (DIGITAL MAIN CN602 <-> CONNECT CN7802) (DIGITAL MAIN CN603 <-> CONNECT CN7801)
- (4) Connect the two pair board to board extension jig cables. (GGD1677) (COMPONENT CN8303 <-> COMPOSITE CN3601)

Note: In case of using GGD1677 with the this condition, only using either of connector on the jig board.



(5) Connect the two pair board to board extension jig cables. (GGD1762)
 (DIGITAL MAIN CN1503 <-> AUDIO CN3901)
 (DIGITAL MAIN CN1502 <-> AUDIO CN2861)

(6) Connect the two pair board to board extension jig cables. (GGD1763)
 (DAC HIGH CN2103 <-> AUDIO CN2502)
 (DAC HIGH CN2104 <-> AUDIO CN3001)

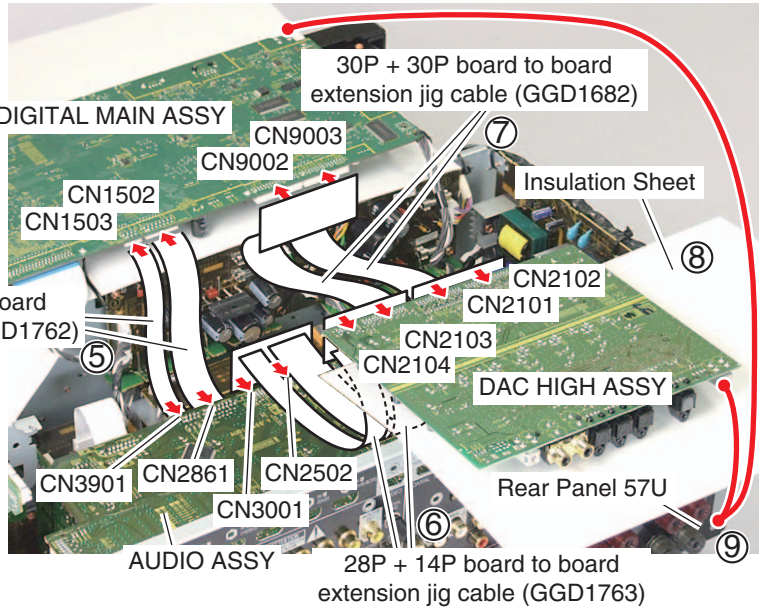
7P + 15P board to board extension jig cable (GGD1762)

(7) Connect the two pair board to board extension jig cables. (GGD1682)
 (DAC HIGH CN2102 <-> DIGITAL MAIN CN9003)
 (DAC HIGH CN2101 <-> DIGITAL MAIN CN9002)

(8) Insert the Insulation Sheet.

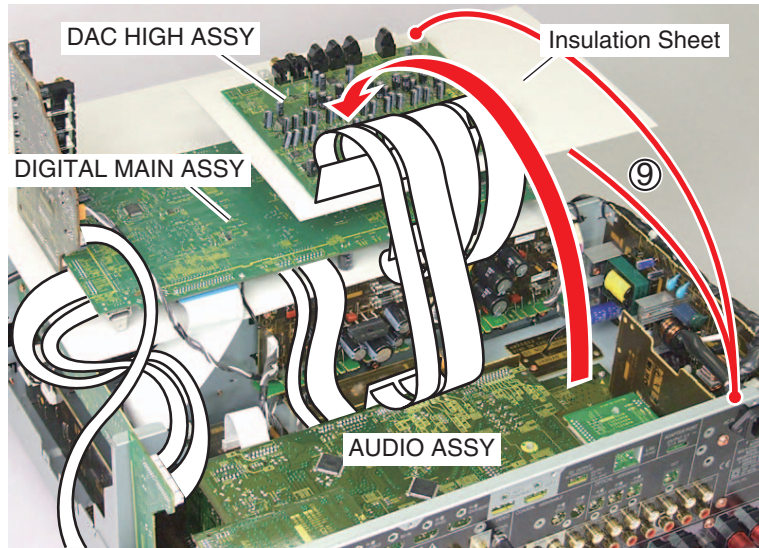
(9) Connect the DIGITAL MAIN ASSY and the DAC HIGH ASSY to the Rear Panel 57U ground.

(Refer to the "Ground points".)



Note1: In case of diagnosing DIGITAL MAIN ASSY by this situation, do not connect HDMI Cable from FRONT HDMI USB ASSY to prevent breakdown of HDMI connector. If the HDMI connection is necessary, use another normal HDMI Cable and connect it to DIGITAL MAIN ASSY without any stress from HDMI Cable.

Note2: By placing the DAC HIGH ASSY on the DIGITAL MAIN ASSY from the above status, it is possible to perform diagnosis both on the DAC HIGH ASSY and the side-B of AUDIO ASSY simultaneously.

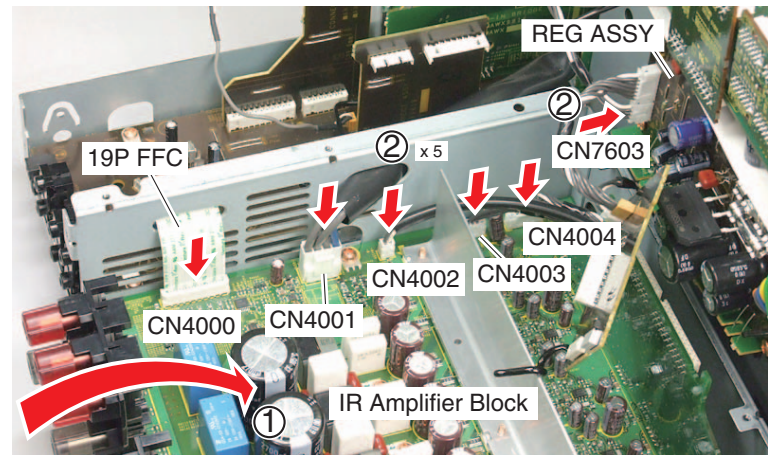


Assembling of IR Amplifier Block

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

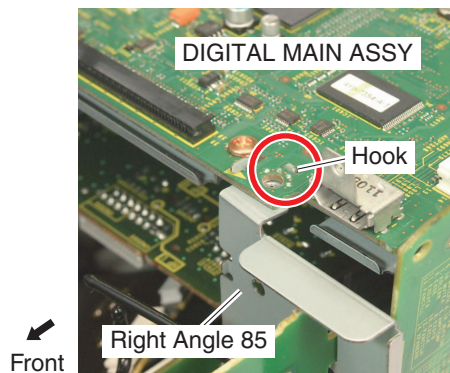
When you removed only IR Cover 85, perform from step (9).

- (1) Allocate the IR Amplifier block from which the IR Cover 85 is removed. Do not fix it with screws.
- (2) Connect the six connectors.

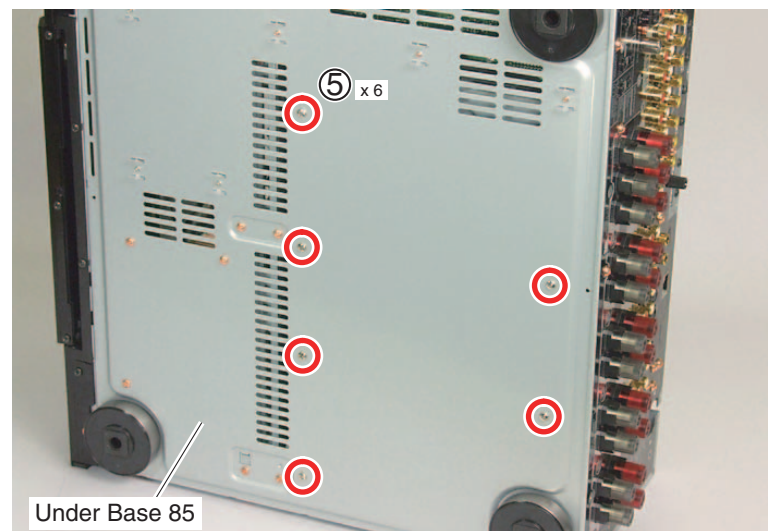
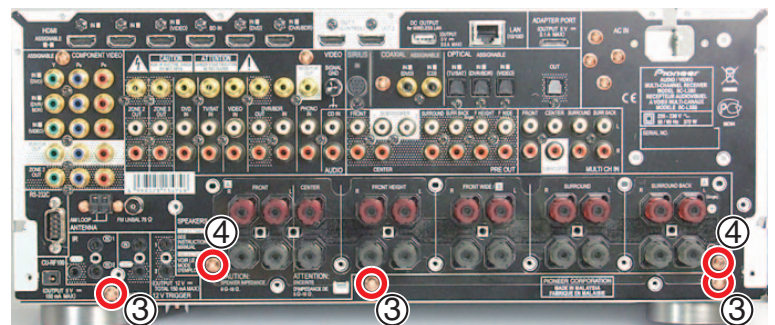


- (3) Temporarily attach the Rear Panel 57U (with other assy) to the Under Base 85, using the three screws. (ABA1011)

Note: Fix the DIGITAL MAIN ASSY to the hook of the Right Angle 85.

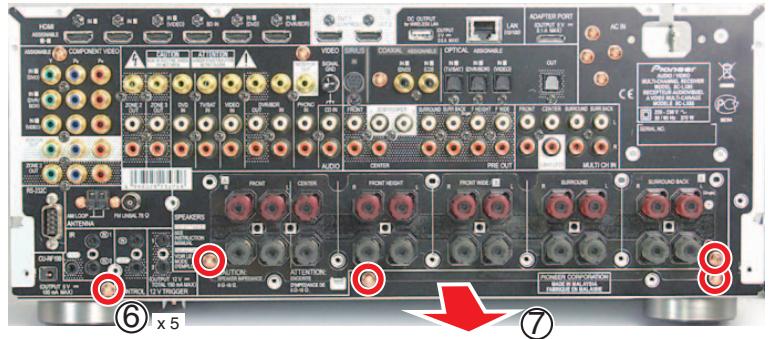


- (4) Temporarily attach the IR Box 85 to the Rear Panel 57U, using the two screws. (ABA1011)
- (5) Attach the IR Amplifier block to the Under Base 85, using the six screws. (BPZ30P080FNI)



- (6) Remove the five screws. (ABA1011)
- (7) Remove the Rear Panel 57U.

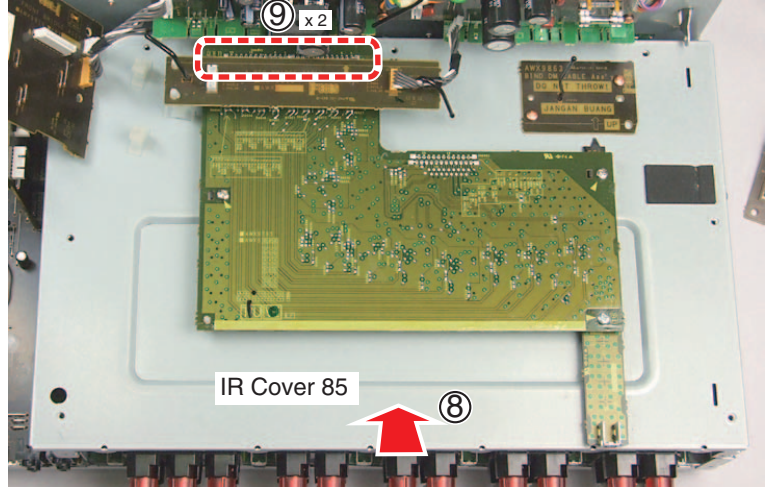
A



- (8) Allocate the IR Cover 85 (with four assy). Do not fix it with screws.
- (9) Connect the two connectors.

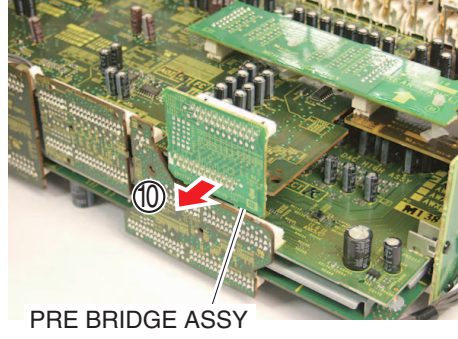
B

Note: If it is difficult to connect the two connectors of the IR BUFFER ASSY, at first remove the A REG BRIDGE ASSY and then try to connect them.



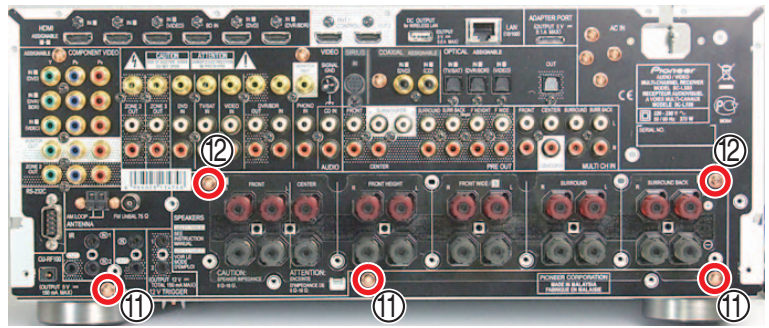
- (10) Remove the PRE BRIDGE ASSY from Rear Section.

D



- (11) Temporarily attach the Rear Panel 57U (with other assy) to the Under Base 85, using the three screws. (ABA1011)
- (12) Temporarily attach the IR Cover 85 to the Rear Panel 57U, using the two screws. (ABA1011)

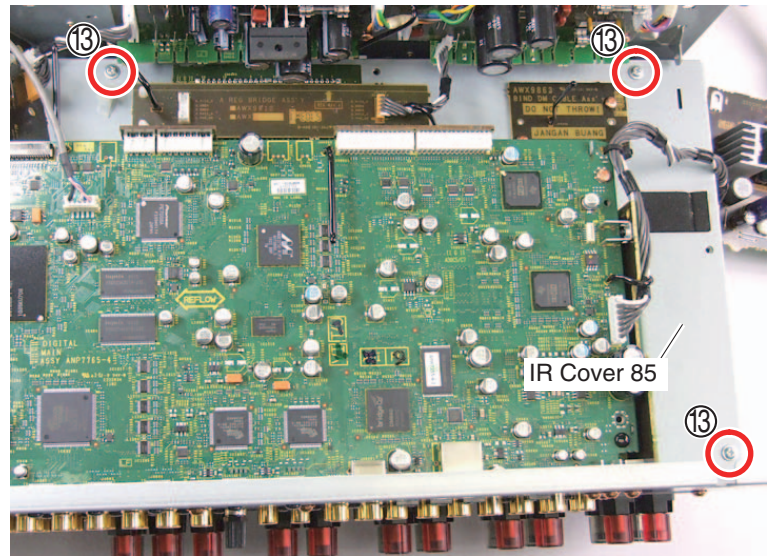
E



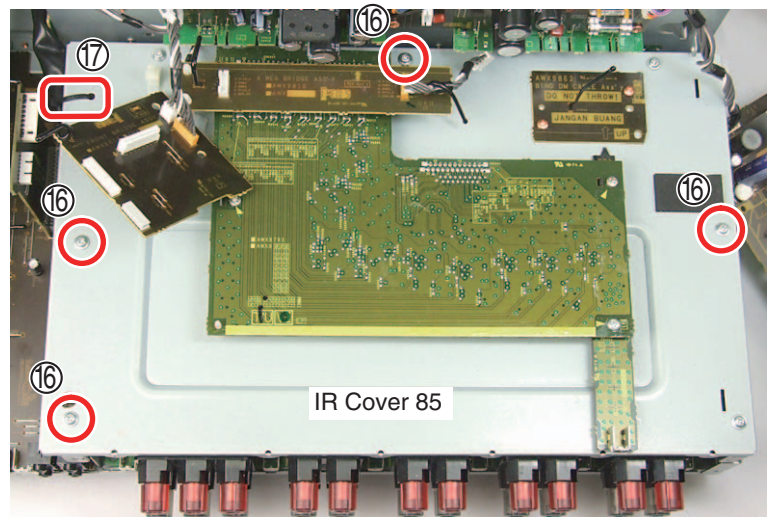
F

- (13) Attach the IR Cover 85 to the IR Box 85 from upper face, using the three screws. (AMZ30P060FTC)

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



- (14) Remove the five screws (ABA1011) from the Rear Panel 57U.
(Refer to the step (12) & (11))
- (15) Remove the Rear Panel 57U.
- (16) Attach the IR Cover 85 to the IR Box 85 completely, using the four screws. (AMZ30P060FTC)
- (17) Attach the binder.



- (18) Attach the FRONT BRIDGE ASSY and PRIMARY ASSY,.
(Refer to the step (5) to (1) of "[3-1] IR Cover 85")

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

B ■ When any of the following parts is replaced

DIGITAL MAIN ASSY	➔	<p>No adjustment required</p> <p>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.</p> <ul style="list-style-type: none"> • IC101 (UPD61283F1-407LU2A) • IC903 (SII9233ACTU) • IC905 (SII9387CTU) • IC1204 (88DE2750) • IC1212(MAIN) (H5PS5162GFR-S5C-K) • IC1212(SUB) (K4T51163QI-HCE7) • JA1501 (CKS5712-A) • IC1602 (SII9136CTU) • IC1603 (SII9136CTU) • IC9002 (D810K013BZKB400-K) • IC9702 (D810K013BZKB400-K) • IC9203 (LAN8700C-AEZG) • IC9204 (DM860) • IC9205 (AYW7346-A) • IC9509 (MM1701WH) • IC9510 (NJM2846DL3-33)
IR POWER AMP ASSY	➔	<p>No adjustment required</p> <p>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.</p> <ul style="list-style-type: none"> • Q4101,4102 (IRF6775MPBF) • Q4201,4202 (IRF6775MPBF) • Q4301,4302 (IRF6775MPBF) • Q4401,4402 (IRF6775MPBF) • Q4501,4502 (IRF6775MPBF) • Q4601,4602 (IRF6775MPBF) • Q4701,4702 (IRF6775MPBF) • Q4801,4802 (IRF6775MPBF) • Q4901,4902 (IRF6775MPBF)
Other assemblies	➔	No adjustment required

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 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 and ZONE3 Last memory for inputting the Main ZONE, ZONE2 and ZONE3 Setting for controlling HDMI Remote control ID Setting for RF remote control (EXTENSION Setup) Setting for Network Standby Data to be save upon the operation of protection circuit	EVENT Ucom
Settings for HMG Preset Memory, Favorite, Recently played, etc.	BridgeCo IC

(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(FAT32)

[File saving format]

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

Example: SC-57_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 [6.1 TEST 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 TEST MODE and select [USB BAK ◀ HOLD ▶] with ↑↓ keys.
(See [6.1 TEST MODE] for how to enter the TEST 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 "2010/01/01 0:00."
- In principle, please implement Load without making of factory default settings. To Load from factory default settings status, please take caution on the following points;

Please be sure to check the HDMI control setting for the user before performing of factory default settings. Since the HDMI control setting of default settings is ON, turn OFF the HDMI control setting and Load after performing of factory default settings if the checked user setting is OFF. (If Load is executed with the setting ON, the assignment information for each HDMI input will be cleared.)

Procedures for turning OFF the HDMI control setting
 ⇒ HOME MENU ⇒ 4.System Setup ⇒ 4e.HDMI Setup ⇒ Control OFF

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]

1. 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 - 57 / U X J C B

[Procedures]

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

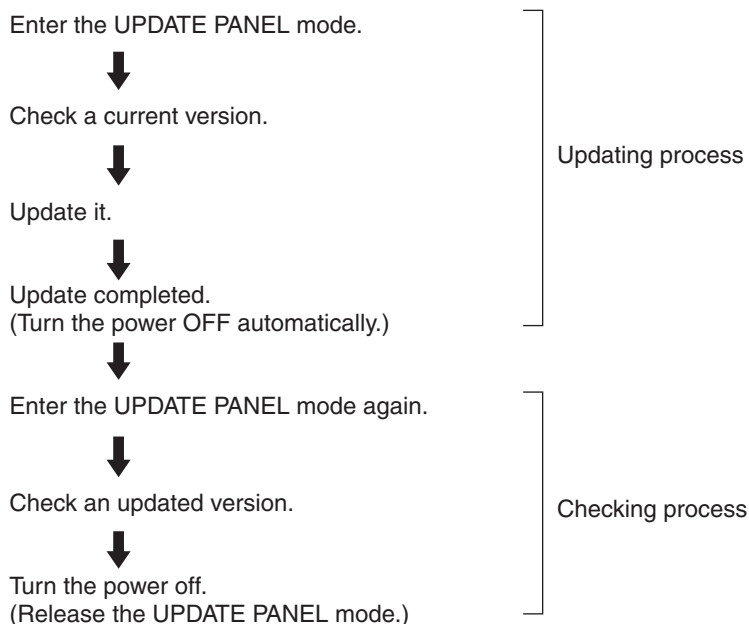
[Case of Abnormal Completion]

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	Try writing with other USB Memory
		E	R	R	O	R	R	0	2	Case of No File for Writing	Place writing required REGION File to root directory
		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

8.4 HOW TO UPDATE FIRMWARE

Workflow



MAIN com (EMMA), SUB com (EVENT) , DSP Flash ROM and BridgeCo IC Update by USB Memory and the Confirmation of the Version



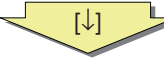

● UPDATE PANEL Mode (Version update)

[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.

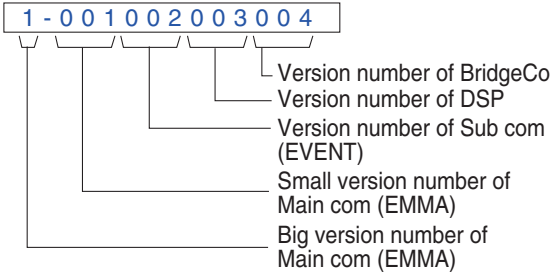
[Procedures]

- 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.



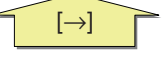

Key operation	FL display
[TUNE↑] + [STANDBY ON/OFF]  Booting is completed 	<div style="border: 1px solid black; padding: 5px; text-align: center;">POWER ON</div> Version is displayed. <div style="border: 1px solid black; padding: 5px; text-align: center;">1 - 001002003004</div>
[TUNE↓] or [TUNE↑]  	Update Menu <div style="border: 1px solid black; padding: 5px; text-align: center;">UPDATE</div>




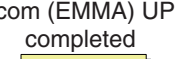
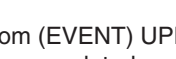

Front Panel Key

- [↓] : TUNE key
- [↑] : TUNE key
- [←] : PRESET key
- [→] : PRESET key



"***" displayed instead of number indicates the process while the version is obtained. Wait for a while until the version is displayed.

Key operation	FL display
 [PRESET→] or [PRESET←]	Update Menu <div style="border: 1px solid black; padding: 5px; text-align: center;">UPDATE</div> Update Confirmation <div style="border: 1px solid black; padding: 5px; text-align: center;">UPDATE ? ◀NO▶</div>
 	Update Confirmation <div style="border: 1px solid black; padding: 5px; text-align: center;">UPDATE ? ◀YES▶</div>
 UPDATE FILE searching completed	File searching <div style="border: 1px solid black; padding: 5px; text-align: center;">Accessing</div>

Key operation	FL display
UPDATE FILE searching completed 	Updating process * U p d a t i n g . 2 0 %
DSP UPDATE completed 	Updating process * U p d a t i n g . 4 0 %
BridgeCo IC UPDATE completed 	Updating process * U p d a t i n g . 6 0 %
MAIN com (EMMA) UPDATE completed 	Updating process * U p d a t i n g . 8 0 %
SUB com (EVENT) UPDATE completed 	Update completion display * U p d a t i n g . 1 0 0 %
5 Second 	
Power turns off automatically. (All ZONE OFF) Disconnect the USB MEMORY.	

Update time is fluctuated by contents of the update. It will take about 20 minutes at the maximum.
(Actual time is from 2 minutes to 15 minutes.)
Time required for updating varies, because only the programs that require updating will be updated.

[Confirmation]

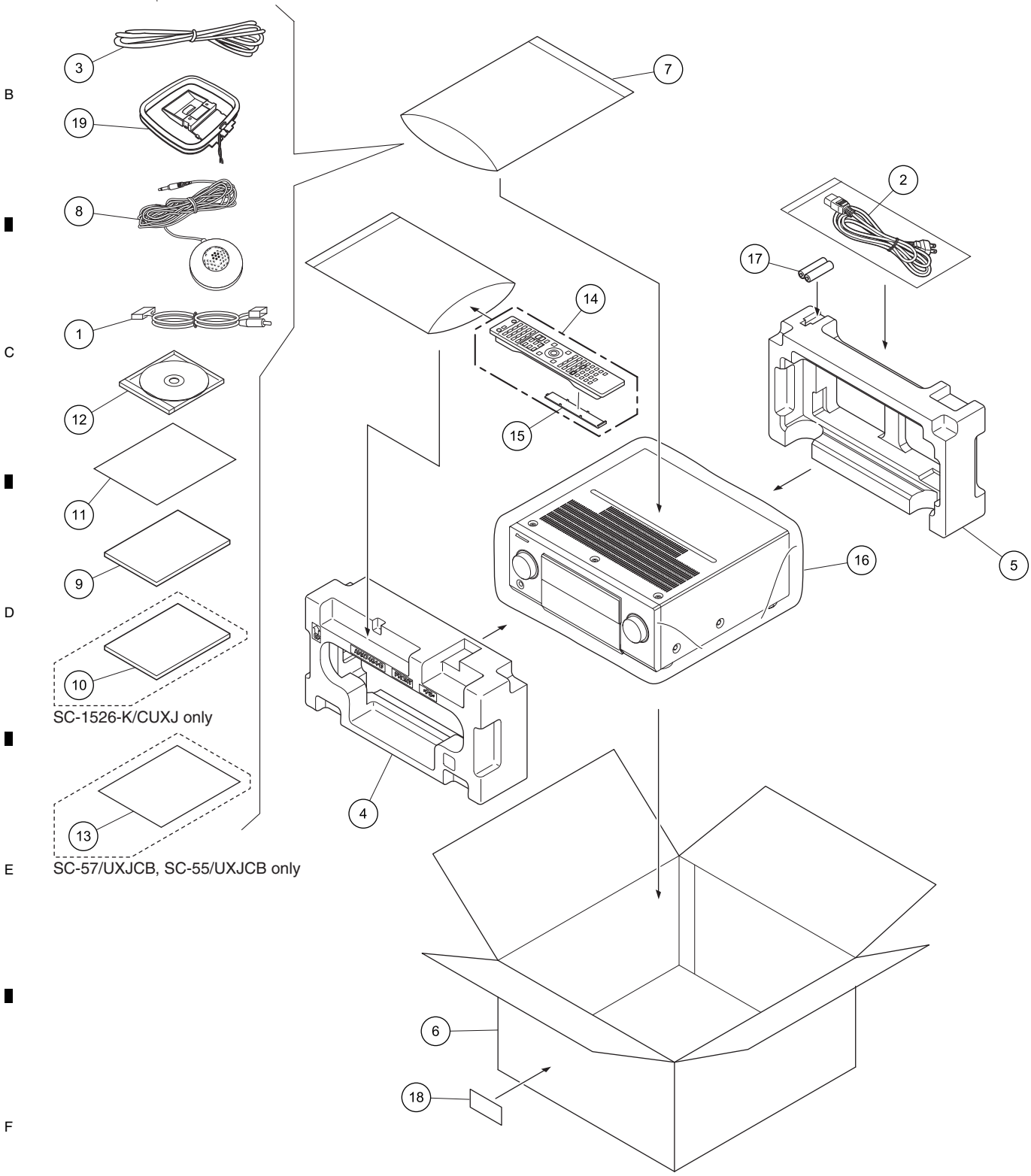
Enter UPDATE PANEL mode and check that the programs have been updated.

9. EXPLODED VIEWS AND PARTS LIST

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

- The \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.
- Screws adjacent to ∇ mark on product are used for disassembly.
- For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions, apply as you think it appropriate.)

9.1 PACKING SECTION



(1) PACKING SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
	1 30P iPod Cable	ADE7136		11 Caution Sheet SP, E	ARM7083
⚠	2 AC Power Cord	ADG7111		12 Operating Instructions (CD-ROM)	See Contrast table (2)
	3 FM Wire Antenna	ADH7030	NSP	13 Warranty Card	See Contrast table (2)
	4 Packing Pad /F	AHA7494		14 Remote Control Unit SEL/MID U AXD7612	
	5 Packing Pad /R	AHA7495		15 Battery Door	AZN8047
	6 Packing Case	See Contrast table (2)		16 Packing Sheet	RHC1023
NSP	7 Polyethylene Bag	AHG7117	NSP	17 Dry Cell Battery (R3)	VEM1051
	8 MCACC Setup Microphone	APM7009	NSP	18 Serial Label S	VRW2017
	9 Operating Instructions (En)	See Contrast table (2)		19 AM Loop Antenna	XTB3004
	10 Operating Instructions (Fr)	See Contrast table (2)			

(2) CONTRAST TABLE

SC-57/UXJCB, SC-55/UXJCB and SC-1526-K/CUXJ are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-57/ UXJCB	SC-55/ UXJCB	SC-1526-K/ CUXJ
	6	Packing Case	AHD8722	AHD8728	AHD8729
	9	Operating Instructions (En)	ARB7459	ARB7459	ARB7461
	10	Operating Instructions (Fr)	Not used	Not used	ARC8004
	12	Operating Instructions (CD-ROM)	ARU7006	ARU7023	ARU7016
NSP	13	Warranty Card	ARY7007	ARY7007	Not used

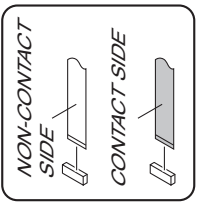
9.2 EXTERIOR SECTION

1

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A

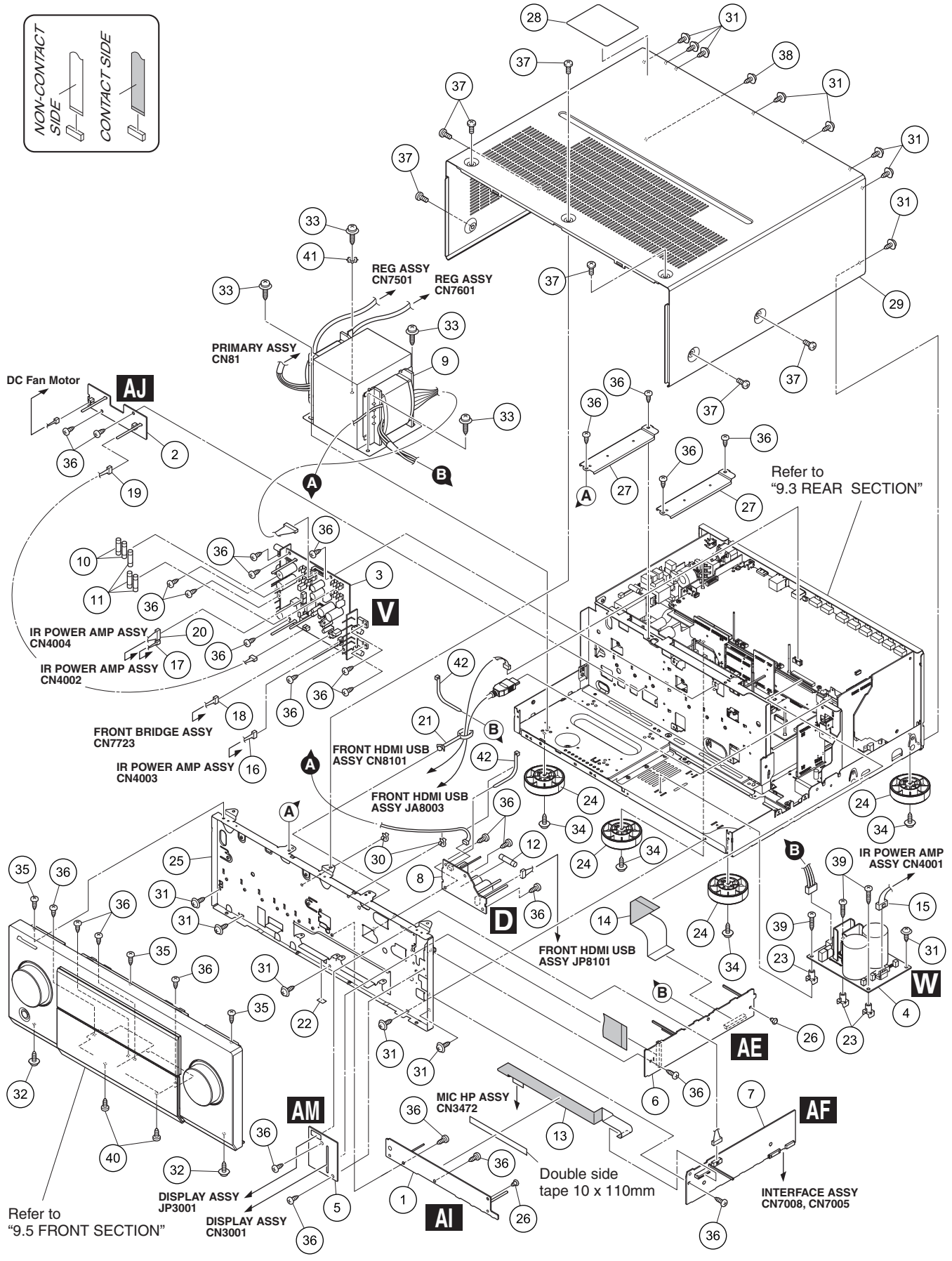
B

C

D

E

F



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4

(1) EXTERIOR SECTION PARTS LIST

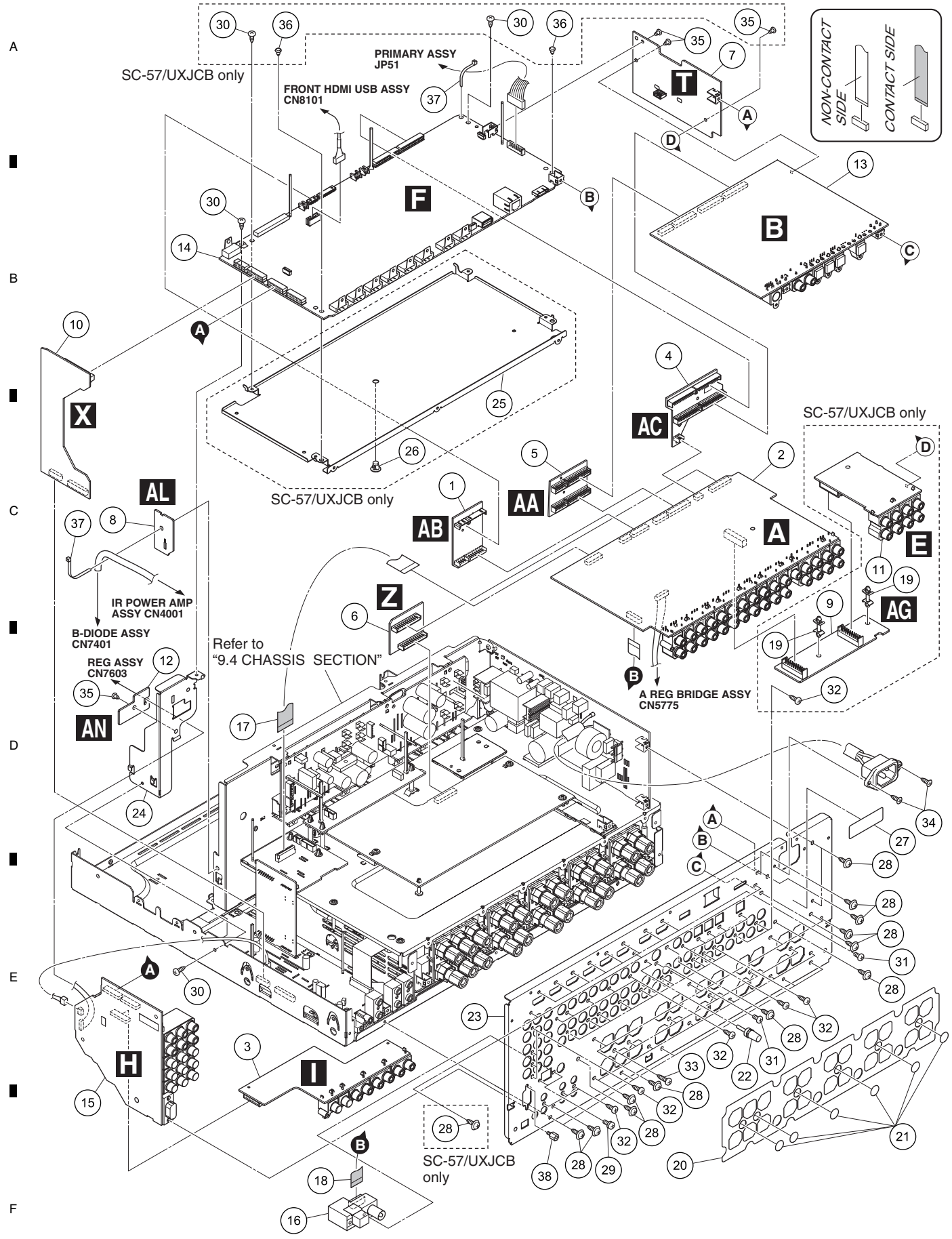
<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>
	1 MIC HP GUARD ASSY	AWX9803	26	Push Rivet	AEC7071
	2 FAN CONNECT ASSY	AWX9804	27	Top Beam 85 (MTL)	ANG7726
	3 IR REG ASSY	AWX9806	28	Lisence Label	ARW7419
	4 B DIODE ASSY	AWX9808	29	Bonnet 85 (BOX)	AZN8050
NSP	5 FFC GUARD2 ASSY	AWX9812	NSP	30 Mini Clamp	VEC1597
	6 DISPLAY BRIDGE ASSY	AWX9815	31	Screw (Steel)	ABA1011
	7 F-IN BRIDGE ASSY	AWX9816	32	Screw 3 x 10B (Steel)	ABA1193
	8 USB RECT ASSY	AWX9821	33	Screw 4 x 12 (FE)	ABA7109
⚠	9 Power Transformer	See Contrast table (2)	34	Cup Screw 3 x 8 FCC	ABA7149
⚠	10 Fuse (FU13, FU14 : 1A)	REK1142	35	Screw	BBT30P080FCC
⚠	11 Fuse (FU11, FU12, FU15 : 1.25A)	REK1143	36	Screw	BBZ30P060FCC
⚠	12 Fuse (FU10 : 4A)	REK1149	37	Screw	BCZ40P060FTB
	13 15P FFC (J0002)	ADD7745	38	Screw	IBP30P090FCC
	14 39P FFC (J0015)	ADD7746	39	Screw	IBZ30P180FTC
	15 4P Housing ASSY (Y0020)	ADX7755	40	Screw	BBZ30P080FTB
	16 4P Housing ASSY (Y0025)	ADX7757	41	Toothed Lock Washer	WH40FNI
	17 2P Housing ASSY (Y0024)	ADX7758	NSP	42 Binder (BK-1)	ZCA-BK1
	18 3P Housing ASSY (Y0023)	ADX7759			
	19 3P Housing ASSY	ADX7766			
	20 7P Housing ASSY (Y0022)	ADX7767			
	21 Cord Clamper /HL	AEC7653			
	22 Cushion 11 x 7	AED7092			
	23 PCB Mold (PP)	AMR2533			
	24 Insulator	AMR7198			
NSP	25 Panel Stay 85 (MTL)	ANG7684			

(2) CONTRAST TABLE

SC-57/UXJCB, SC-55/UXJCB and SC-1526-K/CUXJ are constructed the same except for the following:

<u>Mark</u>	<u>No.</u>	<u>Symbol and Description</u>	<u>SC-57/ UXJCB</u>	<u>SC-55/ UXJCB</u>	<u>SC-1526-K/ CUXJ</u>
⚠	9	Power Transformer	ATS7447	ATS7438	ATS7438

9.3 REAR SECTION



(1) REAR SECTION PARTS LIST

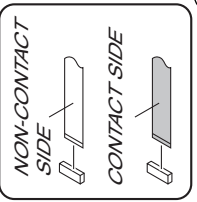
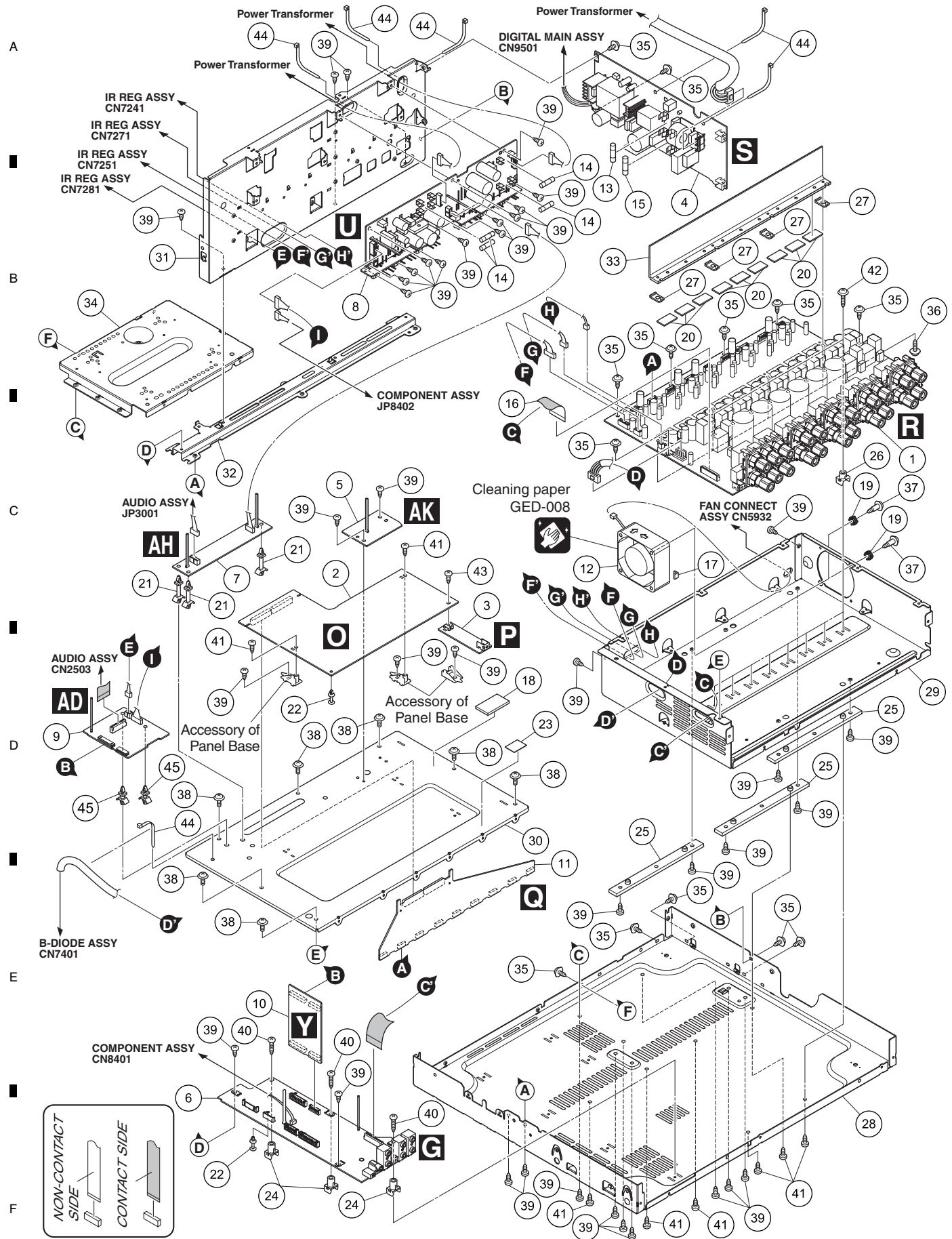
Mark No.	Description	Part No.	Mark No.	Description	Part No.
	1 D-AUDIO BRIDGE ASSY	AWX9769	21	Cushion Circle 14B	AED7081
	2 AUDIO ASSY	See Contrast table (2)	22	Terminal Screw	AKE-031
	3 COMPOSITE ASSY	See Contrast table (2)	23	Rear Panel 57U (MTL)	See Contrast table (2)
	4 D-DAC BRIDGE ASSY	AWX9935	24	Right Angle 85 (MTL)	ANG7687
	5 A-DAC BRIDGE ASSY	AWX9936	25	D. Main Shield 85 (MTL)	See Contrast table (2)
	6 PRE BRIDGE ASSY	AWX9809	NSP 26	PC Support	See Contrast table (2)
	7 PRIMARY SHIELD ASSY	AWX9811	NSP 27	Serial Label S	VRW2017
NSP	8 BIND B CABLE ASSY	AWX9807	28	Screw (Steel)	ABA1011
	9 MCH BRIDGE ASSY	See Contrast table (2)	29	Screw 3 x 6B (Steel)	ABA1207
	10 CONNECT ASSY	AWX9820	30	Screw	BBZ30P060FCC
	11 MULTI CH IN ASSY	See Contrast table (2)	31	Screw	BMZ30P040FTB
NSP	12 VREG GUARD ASSY	AWX9895	32	Screw	BPZ30P080FTB
	13 DAC HIGH ASSY	See Contrast table (2)	33	Screw	BPZ30P100FTC
	14 DIGITAL MAIN ASSY	See Contrast table (2)	34	Screw	CBZ30P080FTB
	15 COMPONENT ASSY	See Contrast table (2)	35	Push Rivet	AEC7071
	16 AM/FM Tuner Unit	AXX7282	36	Nylon Rivet	See Contrast table (2)
	17 15P FFC/60V (J0003)	ADD7725	NSP 37	Binder (BK-1)	ZCA-BK1
	18 9P FFC (J0007)	ADD7748	38	Hex head Screw 2.85 X 7 (BS)	ABA7078
	19 Locking Spacer (PLS)	See Contrast table (2)			
	20 SP Sheet 85 (PC)	AEC7651			

(2) CONTRAST TABLE

SC-57/UXJCB, SC-55/UXJCB and SC-1526-K/CUXJ are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-57/ UXJCB	SC-55/ UXJCB	SC-1526-K/ CUXJ
	2	AUDIO ASSY	AWX9790	AWX9833	AWX9833
	3	COMPOSITE ASSY	AWX9791	AWX9836	AWX9836
	9	MCH BRIDGE ASSY	AWX9818	Not used	Not used
	11	MULTI CH IN ASSY	AWX9857	Not used	Not used
	13	DAC HIGH ASSY	AWX9822	AWX9860	AWX9860
	14	DIGITAL MAIN ASSY	AWX9827	AWX9824	AWX9824
	15	COMPONENT ASSY	AWX9866	AWX9865	AWX9865
	19	Locking Spacer (PLS)	AEC7643	Not used	Not used
	23	Rear Panel 57U (MTL)	ANC8599	ANC8605	ANC8606
	25	D. Main Shield 85 (MTL)	ANK7162	Not used	Not used
NSP	26	PC Support	VEC1749	Not used	Not used
	36	Nylon Rivet	AEC7406	Not used	Not used

9.4 CHASSIS SECTION



(1) CHASSIS SECTION PARTS LIST

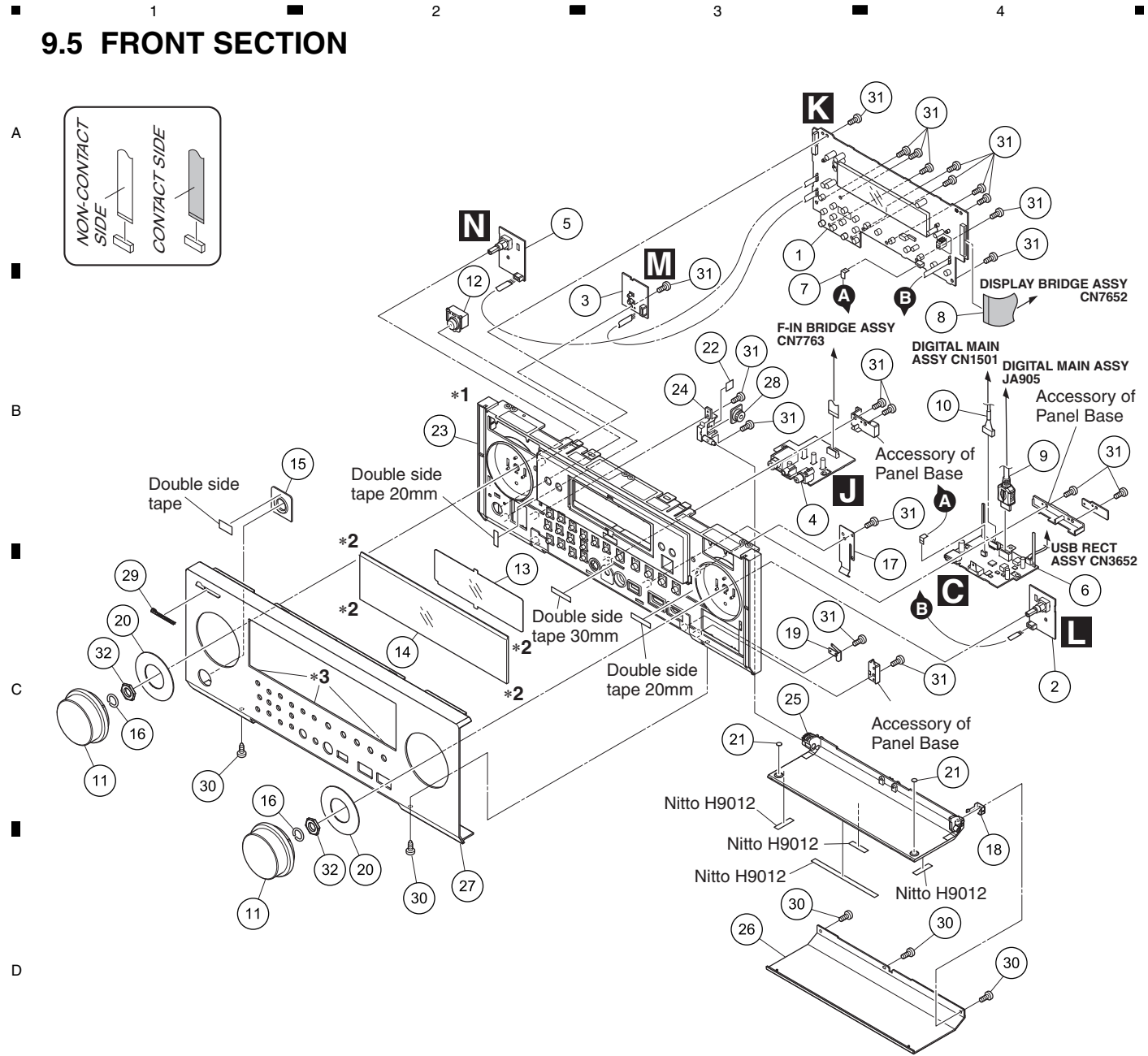
Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	IR POWER AMP ASSY	See Contrast table (2)	26	PCB Mold (PP)	AMR7536
2	IR BUFFER ASSY	AWX9793	27	Heat Sink Spacer (PLS)	AMR7568
3	BUFFER GND ASSY	AWX9795	NSP 28	Under Base 85 (MTL)	ANA7236
4	PRIMARY ASSY	AWX9799	NSP 29	IR Box 85 (MTL)	ANF7061
5	BIND DM CABLE ASSY	AWX9863	NSP 30	IR Cover 85 (MTL)	ANF7062
6	INTERFACE ASSY	AWX9805	31	REG ASSY Plate 85 (MT)	ANG7688
7	A REG BRIDGE ASSY	AWX9810	32	Center Beam 85 (MTL)	ANG7689
8	REG ASSY	AWX9813	NSP 33	Heat Sink 85 (AL)	ANH7234
9	FRONT BRIDGE ASSY	AWX9814	34	Trans Frame 85 (MTL)	ANG7685
10	FB-CONNECT ASSY	AWX9819	35	Screw (Steel)	ABA1011
11	IR INTERFACE ASSY	AWX9792	36	Screw 3 x 12	ABA1052
⚠ 12	DC Fan Motor	AXM7040	37	Screw 3 x 11.6	ABA7146
⚠ 13	Fuse (FU4 : 2A)	REK1139	38	Screw	AMZ30P060FTC
⚠ 14	Fuse (FU21, FU22, FU31, FU32 : 1.25A)	REK1143	39	Screw	BBZ30P060FCC
⚠ 15	Fuse (FU1 : 10A)	REK1154	40	Screw	BBZ30P180FCC
16	19P FFC (J0004)	ADD7747	41	Screw	BPZ30P080FNI
17	Cushion 5 x 8	AEB7397	42	Screw	IBZ30P150FCC
18	Cushion T3 20 x 35	AEB7406	43	Screw	BBZ30P060FTC
19	Damper Bushing 83	AEB7425	NSP 44	Binder (BK-1)	ZCA-BK1
20	Radiation Sheet	AEB7428	NSP 45	PCB Holder	PNW2100
NSP 21	PCB Spacer	AEC1446			
22	PCB Spacer 3 x 12	AEC7080			
23	Insulating Sheet	AEC7654			
24	PCB Mold (PP)	AMR2533			
25	Insulator ICE (PLS)	AMR7523			

(2) CONTRAST TABLE

SC-57/UXJCB, SC-55/UXJCB and SC-1526-K/CUXJ are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-57/ UXJCB	SC-55/ UXJCB	SC-1526-K/ CUXJ
	1	IR POWER AMP ASSY	AWH7030	AWH7039	AWH7039

9.5 FRONT SECTION

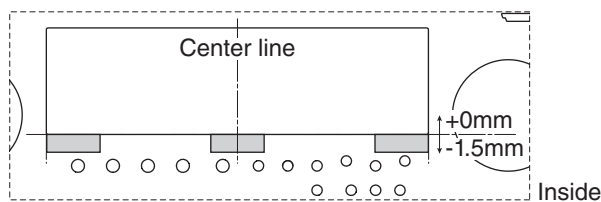


Note #1: Please pay attention not to hurt Panel Base 55U when you remove the Front Panel.

Note #2: Please tape up at four (4) places to protect Panel Base 55U as shown on the photograph when you remove the Front Panel.



Note #3: Double Side Tape (10mm x 30mm) affixing position on Front Panel



(1) FRONT SECTION PARTS LIST

<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>
1	DISPLAY ASSY	See Contrast table (2)	21	Cushion Circle 6B	AED7083
2	VOL ASSY	AWX9797	22	Cushion 11 x 7	AED7092
3	POWER SW ASSY	See Contrast table (2)	NSP 23	Panel Base 55U (PLS)	AMB8041
4	MIC HP ASSY	AWX9800	24	Door Shaft 60 (PLS)	AMR7531
5	ENCODER ASSY	AWX9801	25	Door Base 85 (PLS)	AMR7565
6	FRONT HDMI USB ASSY	AWX9749	26	Door Panel 57U (AL)	See Contrast table (2)
7	5P FFC (J0006)	ADD7749	27	Front Panel (AL)	See Contrast table (2)
8	39P FFC (J0019)	ADD7753	28	Damper ASSY (240) LX	AXA7156
9	HDMI Cable	ADX7732	29	PIONEER Badge (AL)	See Contrast table (2)
10	5P Housing ASSY (Y0026)	ADX7748	30	Screw	BBZ30P080FTB
11	VOL. Knob LX85 (AL)	AAA7064	31	Screw	BPZ30P080FNI
12	STDBY BTN LX85 ASSY	AAD7804	32	Nut	NK90FTC
13	Filter 07KU (PC)	See Contrast table (2)			
14	Display Panel	See Contrast table (2)			
15	Power Ring LX85 (PLS)	AAK8571			
16	Ring	ABH7213			
17	Door Spring (SUS)	ABK7061			
18	Earth Spring 81 (SUS)	ABK7067			
19	Earth Spring 85 (SUS)	ABK7070			
20	VOL Stabilizer LX85	AEC7644			

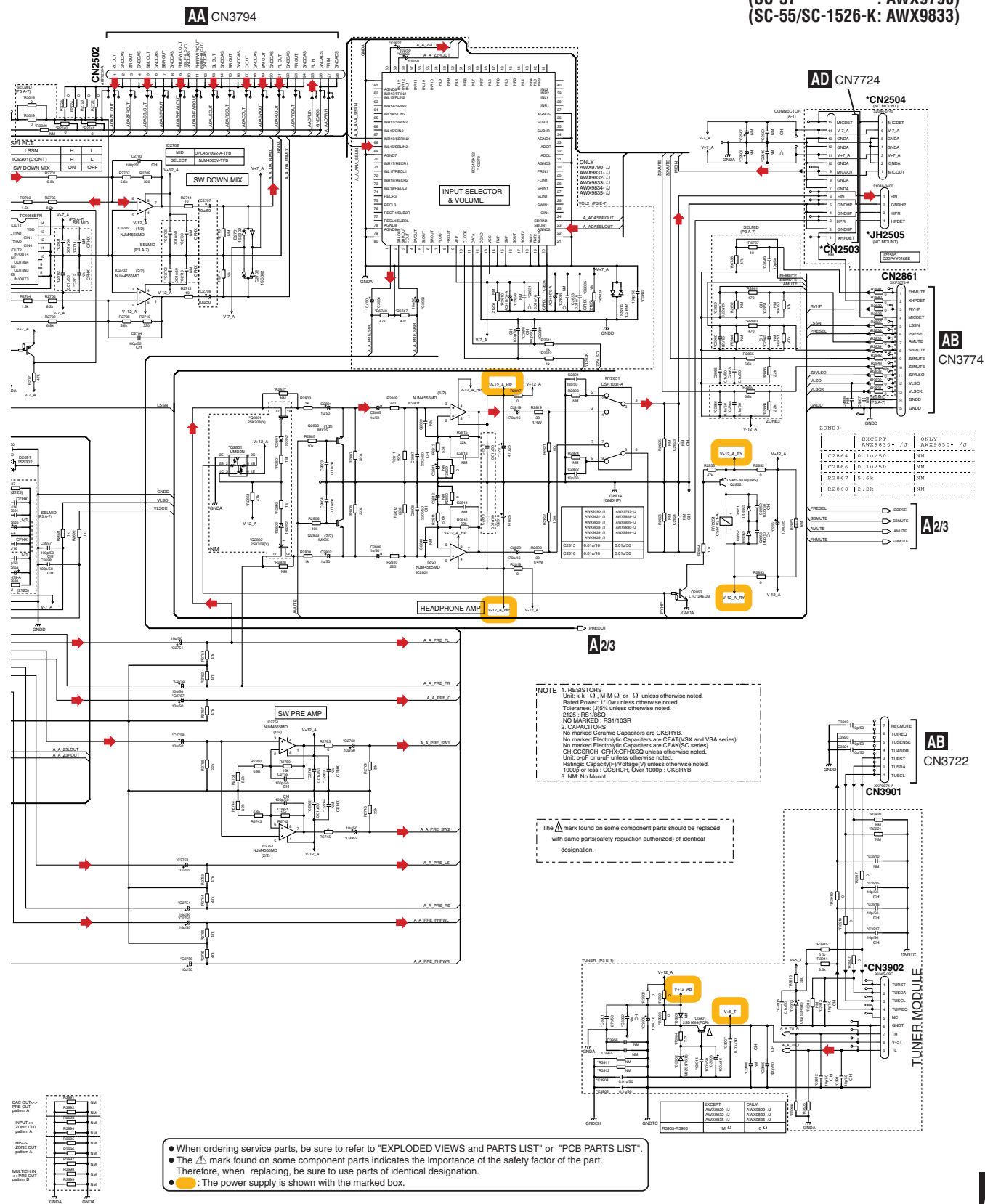
(2) CONTRAST TABLE

SC-57/UXJCB, SC-55/UXJCB and SC-1526-K/CUXJ are constructed the same except for the following:

<u>Mark</u>	<u>No.</u>	<u>Symbol and Description</u>	<u>SC-57/ UXJCB</u>	<u>SC-55/ UXJCB</u>	<u>SC-1526-K/ CUXJ</u>
	1	DISPLAY ASSY	AWX9796	AWX9796	AWX9847
	3	POWER SW ASSY	AWX9798	AWX9798	AWX9901
	13	Filter 07KU (PC)	AAK8443	AAK8443	AAK8459
	14	Display Panel	AAK8567	AAK8567	AAK8573
	26	Door Panel 57U (AL)	ANB7562	ANB7562	ANB7563
	27	Front Panel (AL)	ANB7565	ANB7568	ANB7569
	29	PIONEER Badge (AL)	VAM1159	VAM1159	VAM1158

A-b 1/3

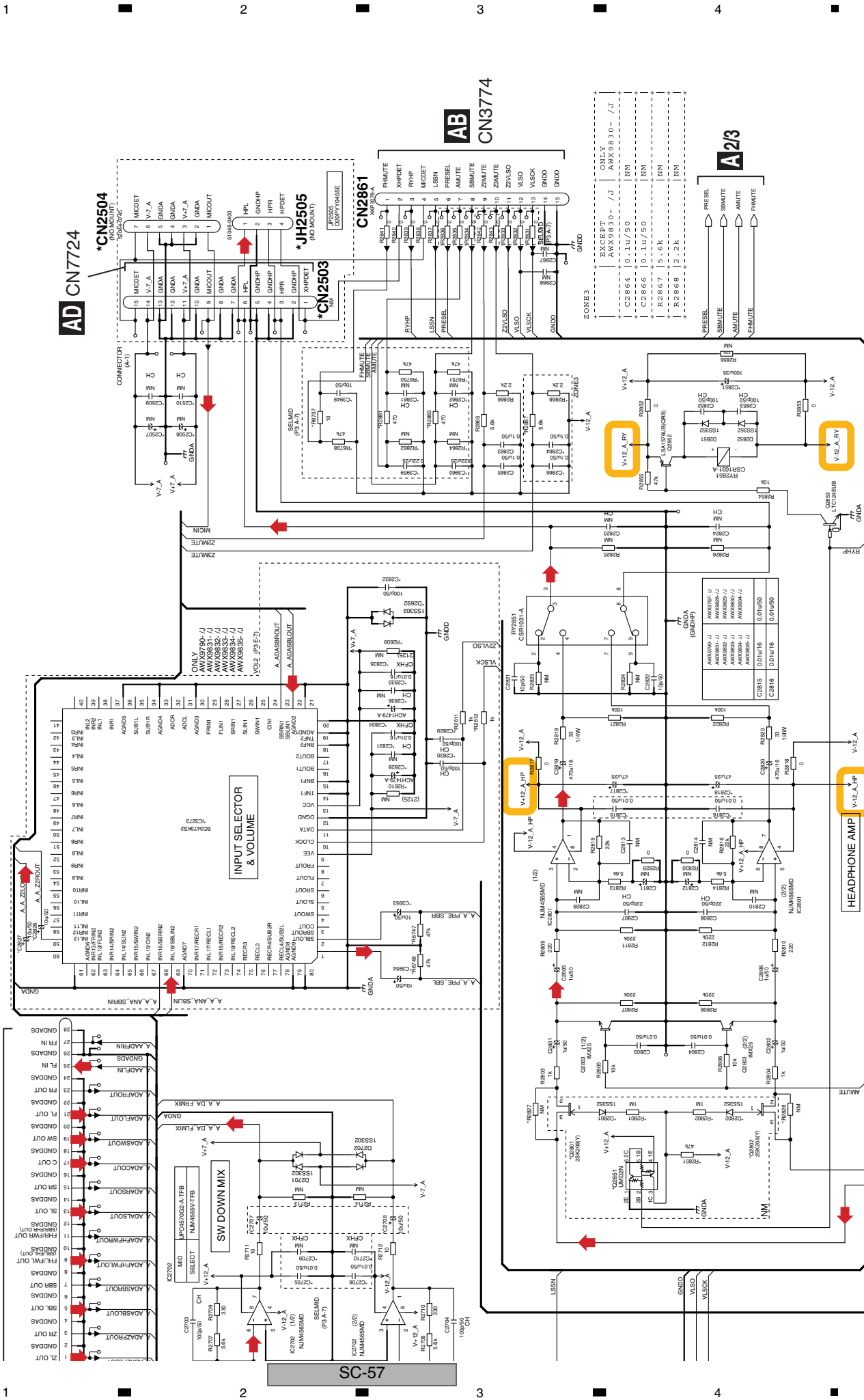
A1/3 AUDIO ASSY (1/3) (SC-57 : AWX9790) (SC-55/SC-1526-K: AWX9833)

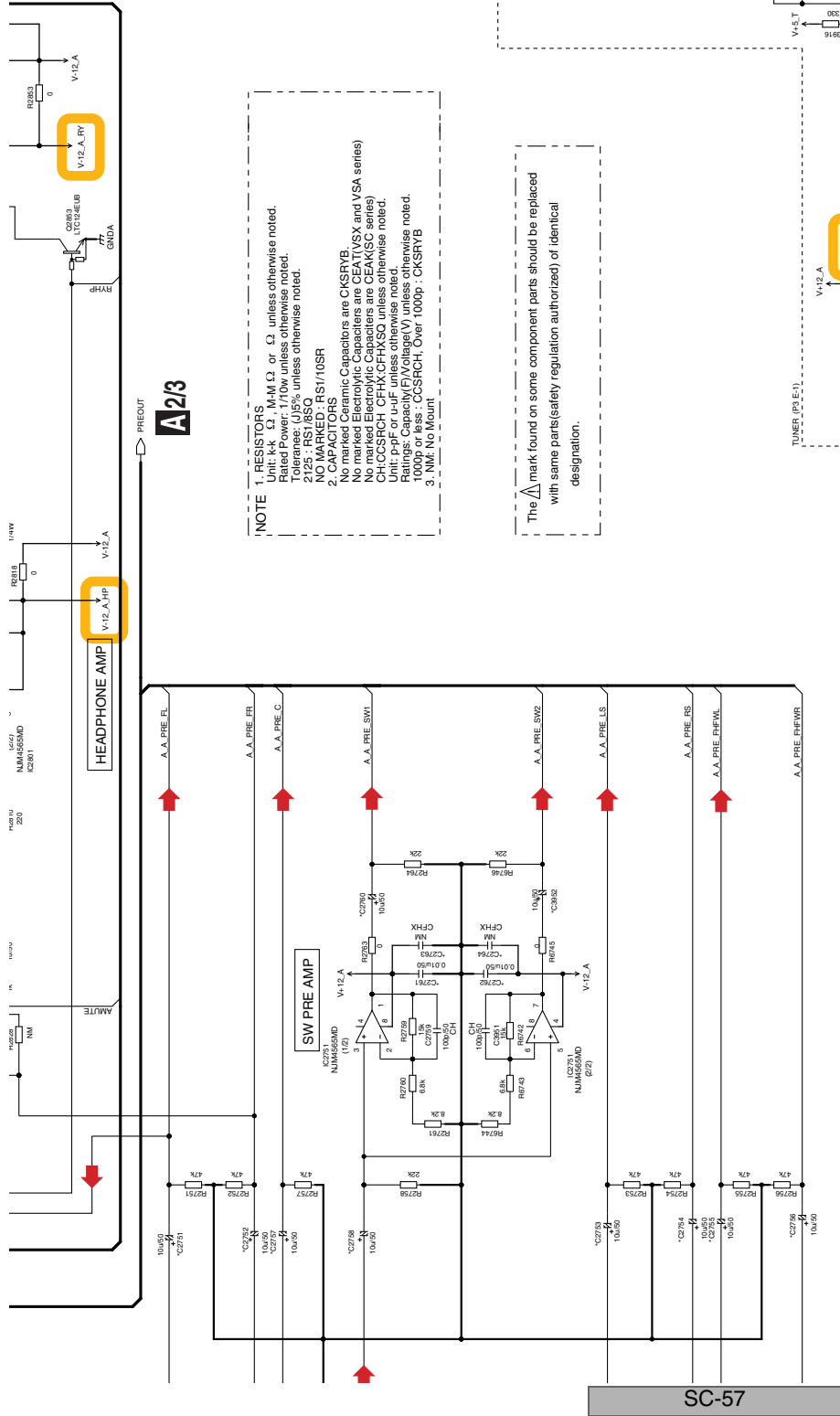


A1/3 AUDIO ASSY (1/3)
 (SC-57)
 (SC-55/SC-1526-K : AWX9833)

A-a A-b

A-b 1/3





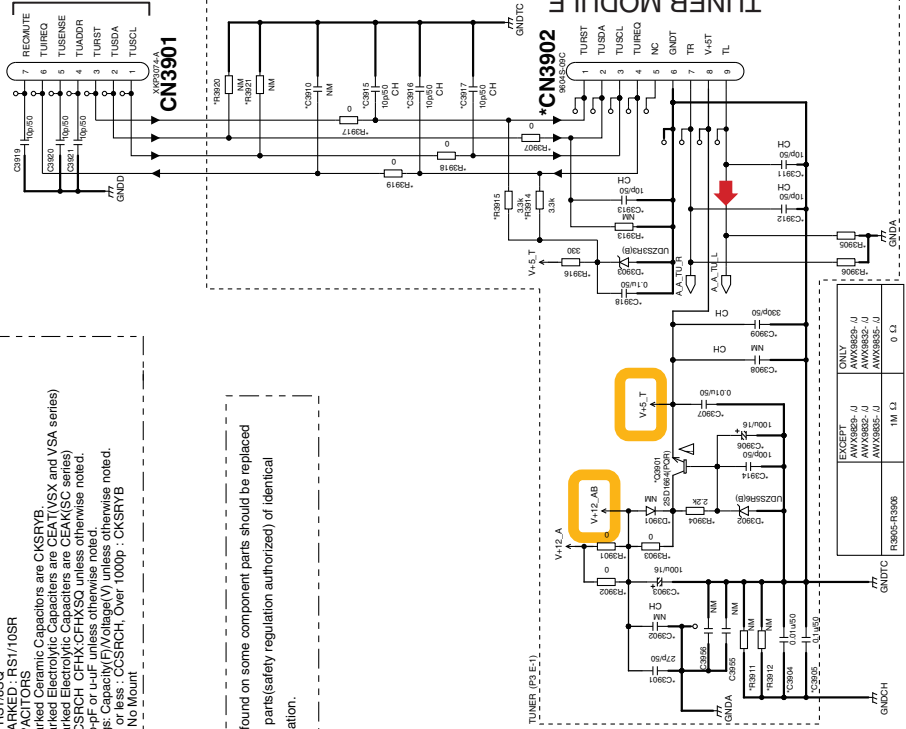
NOTE

1. RESISTORS
 Unit: k- Ω , M-M Ω , or Ω unless otherwise noted.
 Rated Power: 1/70w unless otherwise noted.
 205: RSI/10SR
 210: RSI/10SR
 NO MARKED: RSI/10SR

2. CAPACITORS
 No marked Ceramic Capacitors are CKSRYB.
 No marked Electrolytic Capacitors are CEAK/SC series
 CEAK/SC series are CEAK/SC series
 CH-CCSRCH, CH-CCSRCH, CH-CCSRCH, CH-CCSRCH
 Unit: p-F or u-F unless otherwise noted.
 Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
 1000p or less : CCSRCH, Over 1000p : CKSRYB
 3. NM: No Mount

The Δ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

AB
 CN3722



● When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST".
 ● The Δ mark found on some component parts indicates the importance of the safety factor of the part.
 ● Therefore, when replacing, be sure to use parts of identical designation.
 ● : The power supply is shown with the marked box.

A
 B
 C
 D
 E
 F

A

B

C

D

E

F

AA CN3792

AH CN5775

JP3002

JP3001

CN3001

CN2501

CN3785

JA2951

JA2952

JA2953

JA2954

JA2955

JA2956

JA2957

JA2958

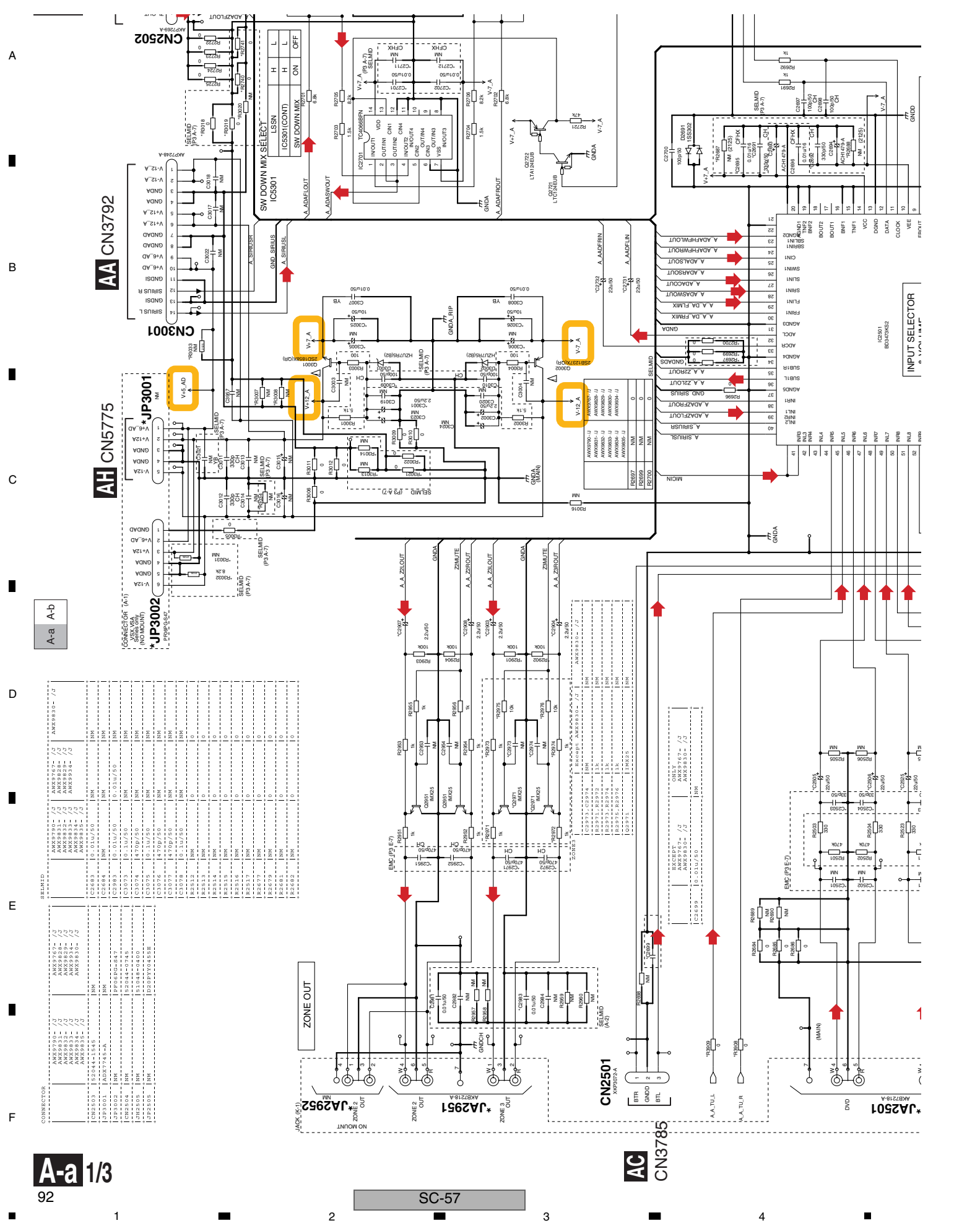
A-a A-b

D

E

F

A-a 1/3



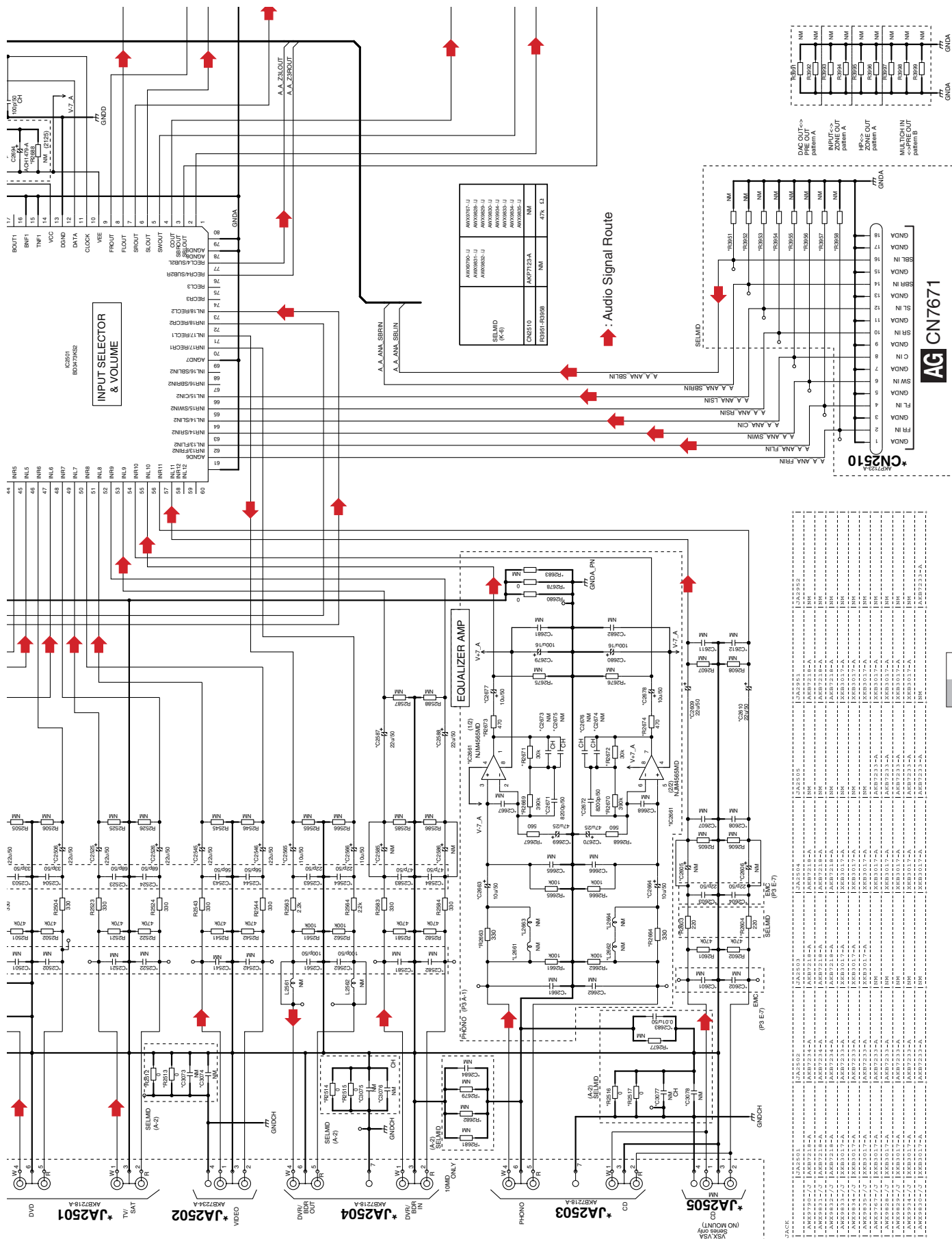
1

2

3

4

A-a 1/3



A
B
C
D
E
F

A-a A-b

10.3 AUDIO ASSY (3/3)

PHONO (P1 T-2)

	AWX9790- /J AWX9832- /J AWX9833- /J AWX9835- /J	AWX9831- /J AWX9834- /J	AWX9767- /J AWX9828- /J AWX9829- /J AWX9934- /J AWX9830- /J
C2661	NM	NM	NM
C2662	NM	220p/50	NM
C2663	100u/50	100u/50	NM
C2664	100u/50	100u/50	NM
C2665	NM	330p/50	NM
C2666	NM	560p/50	NM
C2667	NM	560p/50	NM
C2668	NM	560p/50	NM
C2669	47u/25	47u/25	NM
C2670	47u/25	47u/25	NM
C2671	8200p/50	8200p/50	NM
C2672	1200p/50	1200p/50	NM
C2673	1200p/50	1200p/50	NM
C2674	1200p/50	1200p/50	NM
C2675	1200p/50	1200p/50	NM
C2676	1200p/50	1200p/50	NM
C2677	100u/50	100u/50	NM
C2678	100u/50	100u/50	NM
C2679	100u/16	100u/16	NM
C2680	100u/16	100u/16	NM
C2681	NM	NM	NM
C2682	NM	NM	NM
R2661	100k	100k	NM
R2662	100k	100k	NM
R2663	330	560	NM
R2664	330	560	NM
R2665	100k	100k	NM
R2666	100k	100k	NM
R2667	560	560	NM
R2668	560	560	NM
R2669	390k	390k	NM
R2670	390k	390k	NM
R2671	30k	30k	NM
R2672	30k	30k	NM
R2673	470	470	NM
R2674	470	470	NM
R2675	NM	NM	NM
R2676	NM	NM	NM
R2683	NM	NM	NM
L2661	NM	NM	NM
L2662	NM	NM	NM
L2663	NM	NM	NM
L2664	NM	NM	NM
L2665	NM	NM	NM
IC2661	NJM4565MD	NJM4565MD	NM

TUNER (P1 J-13)

	AWX9790- /J AWX9831- /J AWX9833- /J AWX9834- /J	AWX9832- /J AWX9835- /J	AWX9767- /J AWX9828- /J AWX9829- /J AWX9934- /J AWX9830- /J	AWX9829- /J
C3901	120p/50	NM	NM	NM
C3902	NM	NM	NM	NM
C3903	100u/16	NM	100u/16	NM
C3904	0.01u/50	NM	0.01u/50	NM
C3905	0.1u/50	NM	0.1u/50	NM
C3906	100u/16	NM	100u/16	NM
C3907	0.01u/50	NM	0.01u/50	NM
C3908	10p/50	NM	NM	NM
C3909	330p/50	NM	330p/50	NM
C3910	NM	NM	NM	NM
C3911	10p/50	NM	10p/50	NM
C3912	10p/50	NM	10p/50	NM
C3913	10p/50	NM	10p/50	NM
C3914	100p/50	NM	NM	NM
C3915	10p/50	NM	10p/50	NM
C3916	10p/50	NM	10p/50	NM
C3917	10p/50	NM	10p/50	NM
C3918	0.1u/50	NM	0.1u/50	NM
R3901	0	NM	0	NM
R3902	0	NM	0	NM
R3903	0	NM	0	NM
R3904	2.2k	NM	2.2k	NM
R3905	1M	0	1M	0
R3906	1M	0	1M	0
R3907	0	NM	0	NM
R3911	NM	NM	0	NM
R3912	NM	NM	0	NM
R3913	NM	NM	NM	NM
R3914	3.3k	NM	3.3k	NM
R3915	3.3k	NM	3.3k	NM
R3916	330	NM	330	NM
R3917	0	NM	0	NM
R3918	0	NM	0	NM
R3919	0	NM	0	NM
R3920	1M	0	1M	0
R3921	NM	47k	NM	47k
CN3902	96048-09C	NM	96048-09C	NM
D3901	NM	NM	NM	NM
D3902	UDZ586(B)	NM	UDZ586(B)	NM
D3903	UDZ586(B)	NM	UDZ586(B)	NM
D3904	UDZ586(B)	NM	UDZ586(B)	NM
D3905	UDZ586(B)	NM	UDZ586(B)	NM
D3906	UDZ586(B)	NM	UDZ586(B)	NM
D3907	UDZ586(B)	NM	UDZ586(B)	NM
D3908	UDZ586(B)	NM	UDZ586(B)	NM
D3909	UDZ586(B)	NM	UDZ586(B)	NM
D3910	UDZ586(B)	NM	UDZ586(B)	NM
D3911	UDZ586(B)	NM	UDZ586(B)	NM
D3912	UDZ586(B)	NM	UDZ586(B)	NM
D3913	UDZ586(B)	NM	UDZ586(B)	NM
D3914	UDZ586(B)	NM	UDZ586(B)	NM
D3915	UDZ586(B)	NM	UDZ586(B)	NM
D3916	UDZ586(B)	NM	UDZ586(B)	NM
D3917	UDZ586(B)	NM	UDZ586(B)	NM
D3918	UDZ586(B)	NM	UDZ586(B)	NM
D3919	UDZ586(B)	NM	UDZ586(B)	NM
D3920	UDZ586(B)	NM	UDZ586(B)	NM
D3921	UDZ586(B)	NM	UDZ586(B)	NM
D3922	UDZ586(B)	NM	UDZ586(B)	NM
D3923	UDZ586(B)	NM	UDZ586(B)	NM
D3924	UDZ586(B)	NM	UDZ586(B)	NM
D3925	UDZ586(B)	NM	UDZ586(B)	NM
D3926	UDZ586(B)	NM	UDZ586(B)	NM
D3927	UDZ586(B)	NM	UDZ586(B)	NM
D3928	UDZ586(B)	NM	UDZ586(B)	NM
D3929	UDZ586(B)	NM	UDZ586(B)	NM
D3930	UDZ586(B)	NM	UDZ586(B)	NM
D3931	UDZ586(B)	NM	UDZ586(B)	NM
D3932	UDZ586(B)	NM	UDZ586(B)	NM
D3933	UDZ586(B)	NM	UDZ586(B)	NM
D3934	UDZ586(B)	NM	UDZ586(B)	NM
D3935	UDZ586(B)	NM	UDZ586(B)	NM
D3936	UDZ586(B)	NM	UDZ586(B)	NM
D3937	UDZ586(B)	NM	UDZ586(B)	NM
D3938	UDZ586(B)	NM	UDZ586(B)	NM
D3939	UDZ586(B)	NM	UDZ586(B)	NM
D3940	UDZ586(B)	NM	UDZ586(B)	NM
D3941	UDZ586(B)	NM	UDZ586(B)	NM
D3942	UDZ586(B)	NM	UDZ586(B)	NM
D3943	UDZ586(B)	NM	UDZ586(B)	NM
D3944	UDZ586(B)	NM	UDZ586(B)	NM
D3945	UDZ586(B)	NM	UDZ586(B)	NM
D3946	UDZ586(B)	NM	UDZ586(B)	NM
D3947	UDZ586(B)	NM	UDZ586(B)	NM
D3948	UDZ586(B)	NM	UDZ586(B)	NM
D3949	UDZ586(B)	NM	UDZ586(B)	NM
D3950	UDZ586(B)	NM	UDZ586(B)	NM
D3951	UDZ586(B)	NM	UDZ586(B)	NM
D3952	UDZ586(B)	NM	UDZ586(B)	NM
D3953	UDZ586(B)	NM	UDZ586(B)	NM
D3954	UDZ586(B)	NM	UDZ586(B)	NM
D3955	UDZ586(B)	NM	UDZ586(B)	NM
D3956	UDZ586(B)	NM	UDZ586(B)	NM
D3957	UDZ586(B)	NM	UDZ586(B)	NM
D3958	UDZ586(B)	NM	UDZ586(B)	NM
D3959	UDZ586(B)	NM	UDZ586(B)	NM
D3960	UDZ586(B)	NM	UDZ586(B)	NM
D3961	UDZ586(B)	NM	UDZ586(B)	NM
D3962	UDZ586(B)	NM	UDZ586(B)	NM
D3963	UDZ586(B)	NM	UDZ586(B)	NM
D3964	UDZ586(B)	NM	UDZ586(B)	NM
D3965	UDZ586(B)	NM	UDZ586(B)	NM
D3966	UDZ586(B)	NM	UDZ586(B)	NM
D3967	UDZ586(B)	NM	UDZ586(B)	NM
D3968	UDZ586(B)	NM	UDZ586(B)	NM
D3969	UDZ586(B)	NM	UDZ586(B)	NM
D3970	UDZ586(B)	NM	UDZ586(B)	NM
D3971	UDZ586(B)	NM	UDZ586(B)	NM
D3972	UDZ586(B)	NM	UDZ586(B)	NM
D3973	UDZ586(B)	NM	UDZ586(B)	NM
D3974	UDZ586(B)	NM	UDZ586(B)	NM
D3975	UDZ586(B)	NM	UDZ586(B)	NM
D3976	UDZ586(B)	NM	UDZ586(B)	NM
D3977	UDZ586(B)	NM	UDZ586(B)	NM
D3978	UDZ586(B)	NM	UDZ586(B)	NM
D3979	UDZ586(B)	NM	UDZ586(B)	NM
D3980	UDZ586(B)	NM	UDZ586(B)	NM
D3981	UDZ586(B)	NM	UDZ586(B)	NM
D3982	UDZ586(B)	NM	UDZ586(B)	NM
D3983	UDZ586(B)	NM	UDZ586(B)	NM
D3984	UDZ586(B)	NM	UDZ586(B)	NM
D3985	UDZ586(B)	NM	UDZ586(B)	NM
D3986	UDZ586(B)	NM	UDZ586(B)	NM
D3987	UDZ586(B)	NM	UDZ586(B)	NM
D3988	UDZ586(B)	NM	UDZ586(B)	NM
D3989	UDZ586(B)	NM	UDZ586(B)	NM
D3990	UDZ586(B)	NM	UDZ586(B)	NM
D3991	UDZ586(B)	NM	UDZ586(B)	NM
D3992	UDZ586(B)	NM	UDZ586(B)	NM
D3993	UDZ586(B)	NM	UDZ586(B)	NM
D3994	UDZ586(B)	NM	UDZ586(B)	NM
D3995	UDZ586(B)	NM	UDZ586(B)	NM
D3996	UDZ586(B)	NM	UDZ586(B)	NM
D3997	UDZ586(B)	NM	UDZ586(B)	NM
D3998	UDZ586(B)	NM	UDZ586(B)	NM
D3999	UDZ586(B)	NM	UDZ586(B)	NM
D4000	UDZ586(B)	NM	UDZ586(B)	NM
D4001	UDZ586(B)	NM	UDZ586(B)	NM
D4002	UDZ586(B)	NM	UDZ586(B)	NM
D4003	UDZ586(B)	NM	UDZ586(B)	NM
D4004	UDZ586(B)	NM	UDZ586(B)	NM
D4005	UDZ586(B)	NM	UDZ586(B)	NM
D4006	UDZ586(B)	NM	UDZ586(B)	NM
D4007	UDZ586(B)	NM	UDZ586(B)	NM
D4008	UDZ586(B)	NM	UDZ586(B)	NM
D4009	UDZ586(B)	NM	UDZ586(B)	NM
D4010	UDZ586(B)	NM	UDZ586(B)	NM
D4011	UDZ586(B)	NM	UDZ586(B)	NM
D4012	UDZ586(B)	NM	UDZ586(B)	NM
D4013	UDZ586(B)	NM	UDZ586(B)	NM
D4014	UDZ586(B)	NM	UDZ586(B)	NM
D4015	UDZ586(B)	NM	UDZ586(B)	NM
D4016	UDZ586(B)	NM	UDZ586(B)	NM
D4017	UDZ586(B)	NM	UDZ586(B)	NM
D4018	UDZ586(B)	NM	UDZ586(B)	NM
D4019	UDZ586(B)	NM	UDZ586(B)	NM
D4020	UDZ586(B)	NM	UDZ586(B)	NM
D4021	UDZ586(B)	NM	UDZ586(B)	NM
D4022	UDZ586(B)	NM	UDZ586(B)	NM
D4023	UDZ586(B)	NM	UDZ586(B)	NM
D4024	UDZ586(B)	NM	UDZ586(B)	NM
D4025	UDZ586(B)	NM	UDZ586(B)	NM
D4026	UDZ586(B)	NM	UDZ586(B)	NM
D4027	UDZ586(B)	NM	UDZ586(B)	NM
D4028	UDZ586(B)	NM	UDZ586(B)	NM
D4029	UDZ586(B)	NM	UDZ586(B)	NM
D4030	UDZ586(B)	NM	UDZ586(B)	NM
D4031	UDZ586(B)	NM	UDZ586(B)	NM
D4032	UDZ586(B)	NM	UDZ586(B)	NM
D4033	UDZ586(B)	NM	UDZ586(B)	NM
D4034	UDZ586(B)	NM	UDZ586(B)	NM
D4035	UDZ586(B)	NM	UDZ586(B)	NM
D4036	UDZ586(B)	NM	UDZ586(B)	NM
D4037	UDZ586(B)	NM	UDZ586(B)	NM
D4038	UDZ586(B)	NM	UDZ586(B)	NM
D4039	UDZ586(B)	NM	UDZ586(B)	NM
D4040	UDZ586(B)	NM	UDZ586(B)	NM

BMC (P1 C-2,F-2,K-2)

	EXCBT AWX9828- /J AWX9831- /J AWX9834- /J	ONLY AWX9831- /J AWX9834- /J	ONLY AWX9828- /J
C2501	NM	100p/50	NM
C2502	NM	100p/50	NM
C2503	NM	100p/50	33p/50
C2504	NM	100p/50	33p/50
C2521	NM	100p/50	NM
C2522	NM	100p/50	NM
C2523	NM	100p/50	68p/50
C2524	NM	100p/50	68p/50
C2541	NM	100p/50	NM
C2543	NM	100p/50	56p/50
C2544	NM	100p/50	56p/50
C2561	NM	100p/50	100p/50
C2562	NM	100p/50	100p/50
C2563	NM	22p/50	22p/50
C2564	NM	22p/50	22p/50
C2581	NM	NM	NM
C2582	NM	NM	NM
C2583	NM	100p/50	47p/50
C2584	NM	100p/50	47p/50
C2601	NM	NM	NM
C2602	NM	NM	NM
C2603	NM	100p/50	22p/50
C2604	NM	100p/50	22p/50
C2951	NM	470p/50	470p/50
C2952	NM	470p/50	470p/50
C2971	NM	470p/50	470p/50
C2972	NM	470p/50	470p/50

PREBUFFER (P2 B-6)

	AWX9790- /J AWX9831- /J AWX9832- /J AWX9833- /J AWX9834- /J AWX9835- /J	AWX9767- /J AWX9828- /J AWX9829- /J AWX9934- /J AWX9830- /J
C3101	0.01u/16	NM
C3115	NM	NM
C3116	NM	NM
C3153	0.01u/16	NM
C3234	0.01u/16	NM
C3166	NM	NM
C3203	0.01u/16	NM
C3204	0.01u/16	NM

A3/3 AUDIO ASSY (3/3)

(SC-57 : AWX9790)
(SC-55/SC-1526-K: AWX9833)

REF ID (P1)	AWX9790- /J	AWX9831- /J	AWX9828- /J	AWX9833- /J	AWX9834- /J	AWX9825- /J	AWX9817- /J	AWX9828- /J	AWX9828- /J	AWX9830- /J	AWX9830- /J
R2687	1M	1M	1M	1M	1M	1M	NM	1M	1M	NM	NM
R2688	1.5k	1.5k	1.5k	1.5k	1.5k	1.5k	NM	1.5k	1.5k	NM	NM
R2740	NM	NM	NM	NM	NM	NM	0	0	0	0	0
R2741	NM	NM	NM	NM	NM	NM	0	0	0	0	0
R2833	10	10	10	10	10	10	0	0	0	0	0
R2834	10	10	10	10	10	10	0	0	0	0	0
R2835	10	10	10	10	10	10	0	0	0	0	0
R2836	10	10	10	10	10	10	0	0	0	0	0
R2861	0	0	0	0	0	0	470	470	470	470	470
R2862	147k	147k	147k	147k	147k	147k	NM	NM	NM	NM	NM
R2863	0	0	0	0	0	0	470	470	470	470	470
R2864	47k	47k	47k	47k	47k	47k	NM	NM	NM	NM	NM
R3005	NM	NM	NM	NM	NM	NM	0	0	0	0	0
R3013	0	0	0	0	0	0	NM	NM	NM	NM	NM
R3014	0	0	0	0	0	0	NM	NM	NM	NM	NM
R3019	NM	NM	NM	NM	NM	NM	0	0	0	0	0
R3020	0	0	0	0	0	0	NM	NM	NM	NM	NM
R3021	NM	NM	NM	NM	NM	NM	0	0	0	0	0
R3022	NM	NM	NM	NM	NM	NM	0	0	0	0	0
R3031	14.7M	14.7M	14.7M	14.7M	14.7M	14.7M	NM	14.7M	14.7M	NM	NM
R3032	15.6k	15.6k	15.6k	15.6k	15.6k	15.6k	0.2k	17.5k	12.2k	18.2k	18.2k
R3034	NM	NM	NM	NM	NM	NM	NM	NM	1k	NM	NM
R6737	0	0	0	0	0	0	10	10	10	10	10
R6738	47k	47k	47k	47k	47k	47k	47k	47k	47k	47k	47k
R6750	NM	NM	NM	NM	NM	NM	47k	47k	47k	47k	47k
C2691	NM	NM	NM	NM	NM	NM	330p/50	330p/50	330p/50	330p/50	330p/50
C2692	NM	NM	NM	NM	NM	NM	330p/50	330p/50	330p/50	330p/50	330p/50
C2701	NM	NM	NM	NM	NM	NM	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50
C2702	NM	NM	NM	NM	NM	NM	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50
C2705	NM	NM	NM	NM	NM	NM	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50
C2706	NM	NM	NM	NM	NM	NM	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50
C2709	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	NM	NM	NM	NM	NM
C2710	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	NM	NM	NM	NM	NM
C2711	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	NM	NM	NM	NM	NM
C2712	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	NM	NM	NM	NM	NM
C2861	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
C3009	NM	NM	NM	NM	NM	NM	100p/50	100p/50	100p/50	100p/50	100p/50
C3010	NM	NM	NM	NM	NM	NM	100p/50	100p/50	100p/50	100p/50	100p/50
C3021	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	NM	0.01u/50	0.01u/50	0.01u/50	NM
C3949	NM	NM	NM	NM	NM	NM	10p/50	10p/50	10p/50	10p/50	10p/50
C3959	NM	NM	NM	NM	NM	NM	0.22u/25	0.22u/25	0.22u/25	0.22u/25	0.22u/25
C3960	NM	NM	NM	NM	NM	NM	0.22u/25	0.22u/25	0.22u/25	0.22u/25	0.22u/25

VOL2 (P1 B-13)		EMC (P2 B-11)			
			EXCEPT AWX9828- /J AWX9831- /J AWX9834- /J	ONLY AWX9828- /J AWX9831- /J AWX9834- /J	ONLY AWX9934- /J
C3111	NM			330p/50	330p/50
C3112	NM			330p/50	330p/50
C3113	NM			100p/50	100p/50
C3114	NM			100p/50	100p/50
C3162	NM			330p/50	330p/50
C3163	NM			100p/50	100p/50
C3164	NM			100p/50	100p/50
C3211	NM			330p/50	330p/50
C3213	NM			330p/50	330p/50
C3214	NM			100p/50	100p/50
C3261	NM			330p/50	330p/50
C3262	NM			330p/50	330p/50
C3263	NM			100p/50	100p/50
C3264	NM			100p/50	100p/50
C3281	NM			330p/50	330p/50
C3282	NM			330p/50	330p/50
C3283	NM			100p/50	100p/50
C3284	NM			100p/50	100p/50
C3925	NM			100p/50	NM
C3924	NM			330p/50	NM
C3925	NM			330p/50	NM
C3944	NM			330p/50	330p/50
C3945	NM			100p/50	100p/50

NOTE
 1. RESISTORS
 Unit: k-Ω, M-Ω or Ω unless otherwise noted.
 Rated Power: 1/10w unless otherwise noted.
 Tolerance: (J)±% unless otherwise noted.
 2125 - RS1/85Q
 NO MARKED - RS1/10SR
 2. CAPACITORS
 No marked Ceramic Capacitors are CKSRYE
 No marked Electrolytic Capacitors are CEAT(VSX and VSA series)
 No marked Electrolytic Capacitors are CEAK(SO series)
 CH:CSRH OFAK:CFMSQ unless otherwise noted.
 Unit: p-pF or u-uF unless otherwise noted.
 Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
 10000 or less - CCSRCH Over 1000p - CKSRYE
 3. NM - No Mount

10.4 DAC HIGH ASSY (1/2)

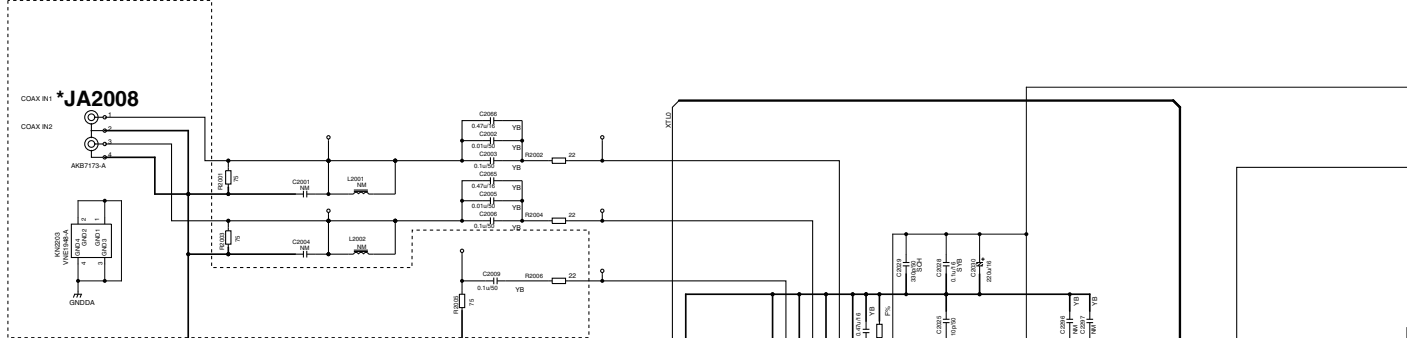
1

2

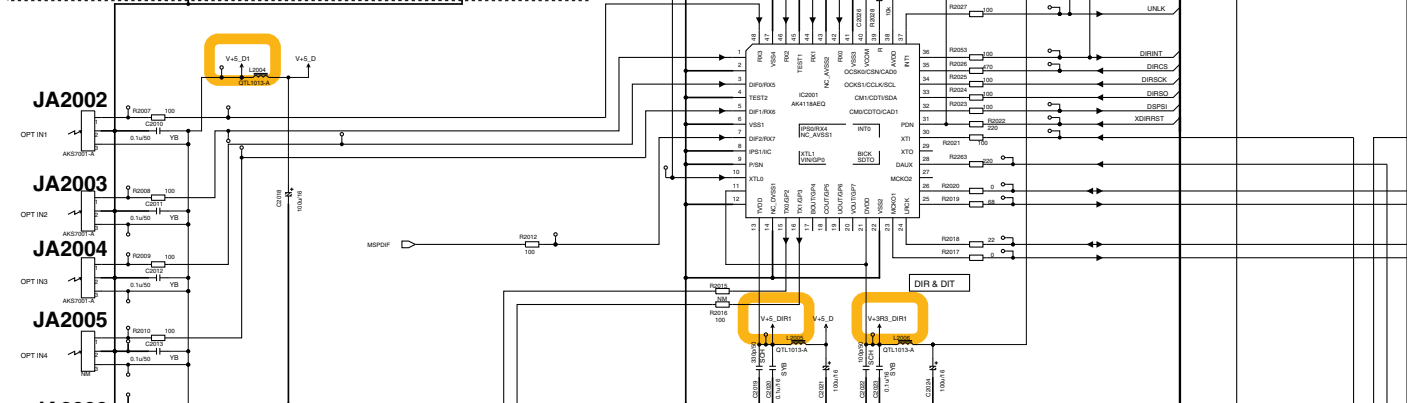
3

4

A



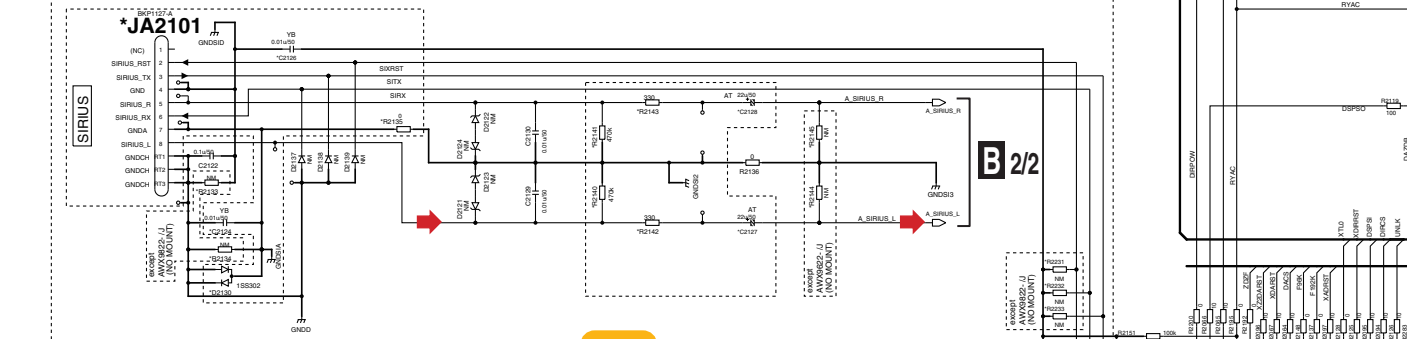
B



C

	ANX9822	ANX9858	ANX9859
C2124	0.01u/50	NM	NM
C2126	0.01u/50	NM	NM
C2127	22u/50	NM	NM
C2128	22u/50	NM	NM
R2133	NM	0	0
R2134	NM	0	0
R2135	0	NM	NM
R2140	470k	NM	NM
R2142	330	NM	NM
R2143	330	NM	NM
R2144	NM	0	0
R2145	0	0	0
R2231	NM	0	0
R2232	NM	0	0
R2233	0	0	0
R2234	150000	NM	NM
J2101	BKPL127-A	NM	NM

D



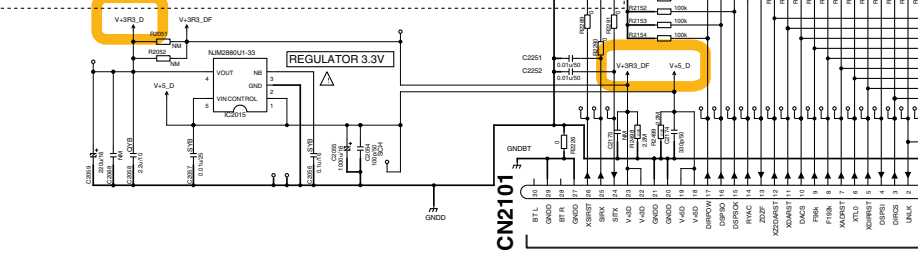
E

NOTE

1. RESISTORS
 Use M, K, M, K, M, K or Ω unless otherwise noted.
 Tolerance: 1% or 5% unless otherwise noted.
 Temperature Coefficient (TC) unless otherwise noted.
2. CAPACITORS
 Use p, pF or uF unless otherwise noted.
 Rating: Capacitance (V) unless otherwise noted.
 V: 50V, 100V, 250V, 500V, 1000V, 1600V, 2500V, 3500V, 5000V, 10000V
 AT: AT, AL, CEHAL, GSK, CTRWSD
3. NM: No Mount

The mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

F



B1/2
98

SC-57

AC CN3783

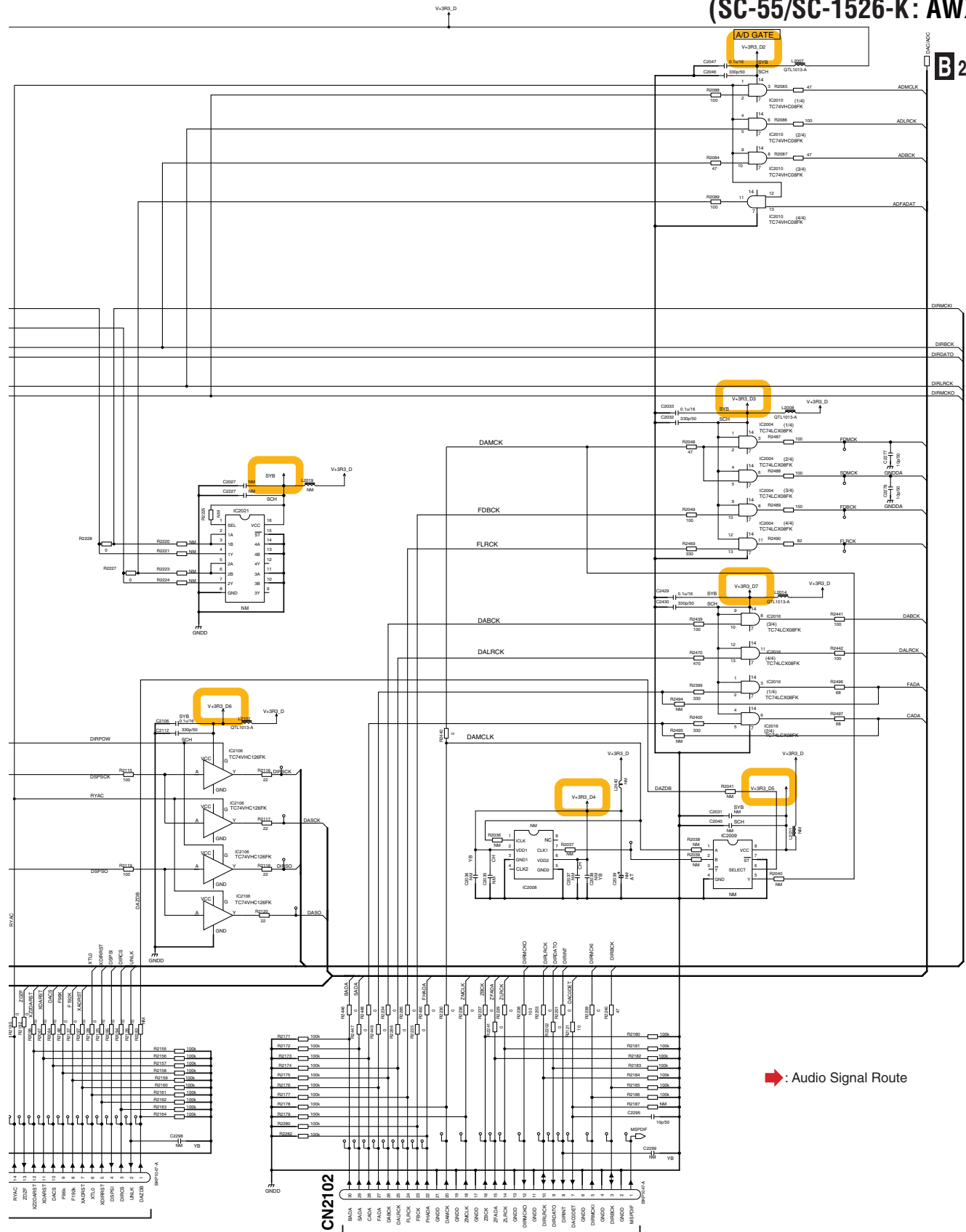
1

2

3

4

B^{1/2} DAC HIGH ASSY (1/2)
 (SC-57 : AWX9822)
 (SC-55/SC-1526-K : AWX9860)



➔ : Audio Signal Route

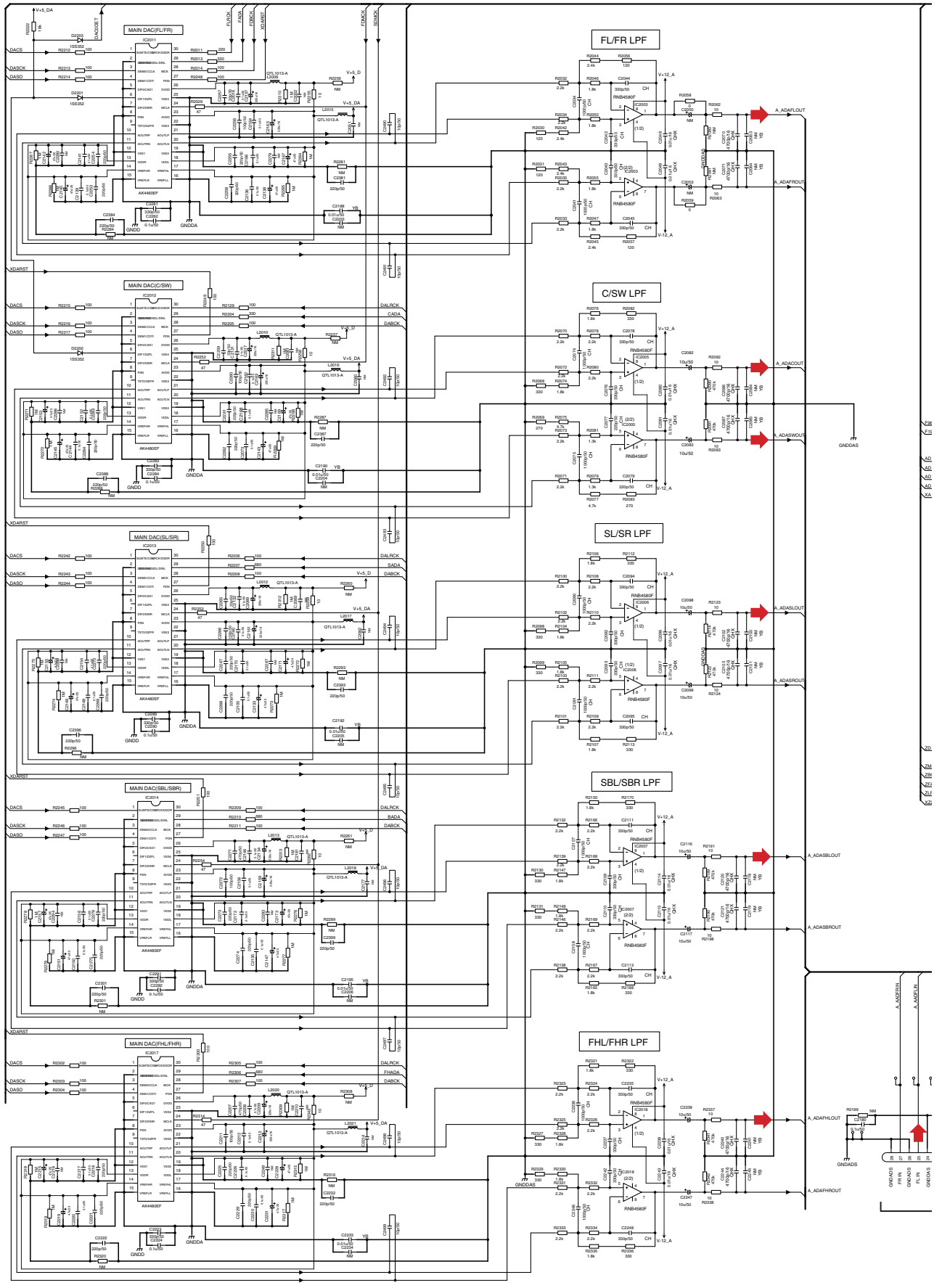
V3783

AC CN3781

SC-57

B^{1/2}
99

10.5 DAC HIGH ASSY (2/2)

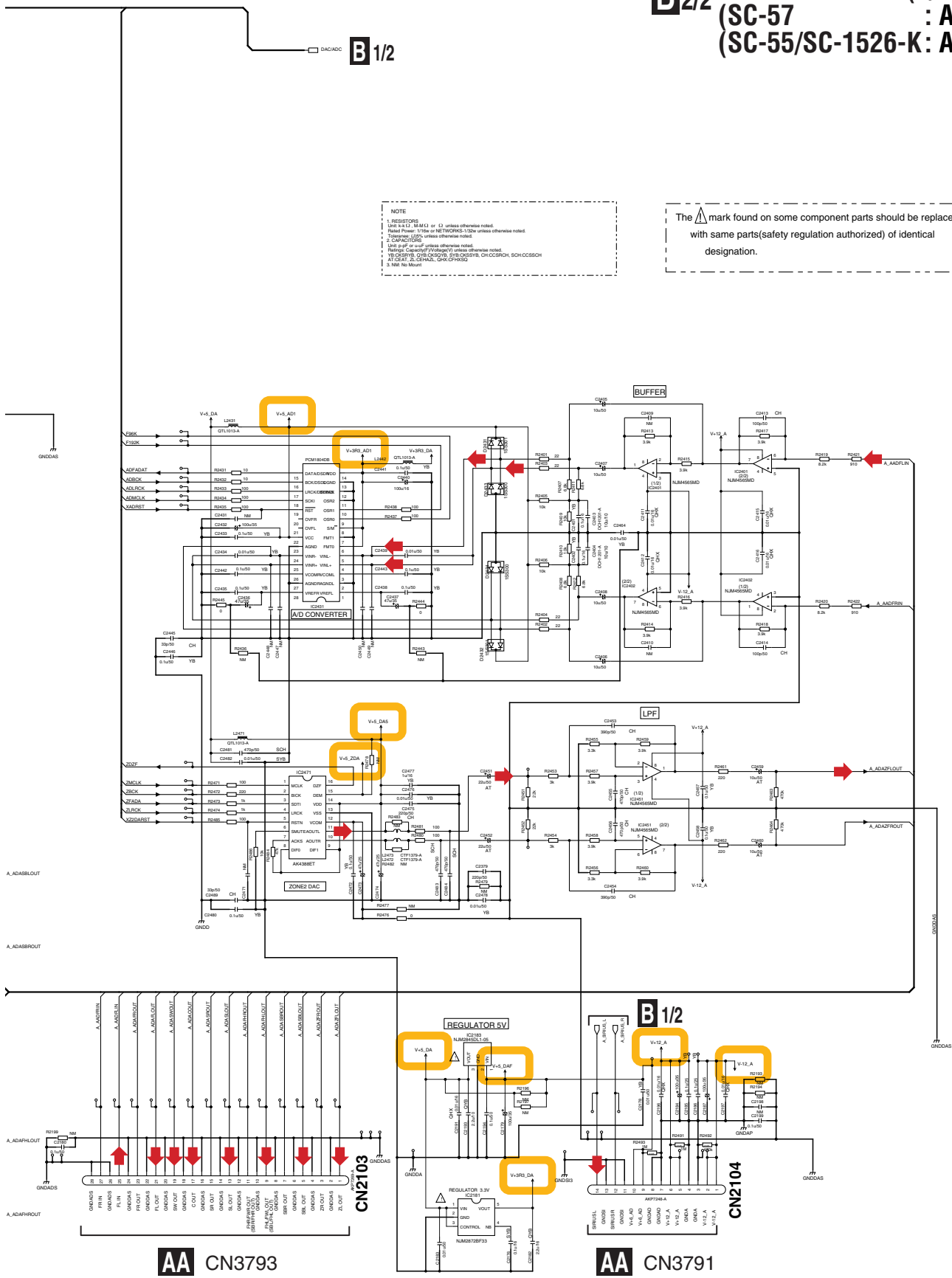


B2/2 DAC HIGH ASSY (2/2)
(SC-57 : AWX9822)
(SC-55/SC-1526-K : AWX9860)

B 1/2

- NOTE**
- 1. RESISTORS
 VALUE A L1, M M M1 or L1 unless otherwise noted
 * Rated Power: 1/8W or NETWORKS 1/2W unless otherwise noted
 - 2. CAPACITORS
 VALUE A L1, M M M1 or L1 unless otherwise noted
 - 3. M M M1 or L1 unless otherwise noted
 - 4. M M M1 or L1 unless otherwise noted
 - 5. RESISTOR: OHMS, K=1000, M=10000, G=100000, S=1000000, SCH=500K, SCH=500K
 - 6. M M M1 or L1 unless otherwise noted
 - 7. M M M1 or L1 unless otherwise noted
 - 8. M M M1 or L1 unless otherwise noted
 - 9. M M M1 or L1 unless otherwise noted
 - 10. M M M1 or L1 unless otherwise noted
 - 11. M M M1 or L1 unless otherwise noted
 - 12. M M M1 or L1 unless otherwise noted
 - 13. M M M1 or L1 unless otherwise noted
 - 14. M M M1 or L1 unless otherwise noted
 - 15. M M M1 or L1 unless otherwise noted
 - 16. M M M1 or L1 unless otherwise noted
 - 17. M M M1 or L1 unless otherwise noted
 - 18. M M M1 or L1 unless otherwise noted
 - 19. M M M1 or L1 unless otherwise noted
 - 20. M M M1 or L1 unless otherwise noted
 - 21. M M M1 or L1 unless otherwise noted
 - 22. M M M1 or L1 unless otherwise noted
 - 23. M M M1 or L1 unless otherwise noted
 - 24. M M M1 or L1 unless otherwise noted
 - 25. M M M1 or L1 unless otherwise noted
 - 26. M M M1 or L1 unless otherwise noted
 - 27. M M M1 or L1 unless otherwise noted
 - 28. M M M1 or L1 unless otherwise noted
 - 29. M M M1 or L1 unless otherwise noted
 - 30. M M M1 or L1 unless otherwise noted
 - 31. M M M1 or L1 unless otherwise noted
 - 32. M M M1 or L1 unless otherwise noted
 - 33. M M M1 or L1 unless otherwise noted
 - 34. M M M1 or L1 unless otherwise noted
 - 35. M M M1 or L1 unless otherwise noted
 - 36. M M M1 or L1 unless otherwise noted
 - 37. M M M1 or L1 unless otherwise noted
 - 38. M M M1 or L1 unless otherwise noted
 - 39. M M M1 or L1 unless otherwise noted
 - 40. M M M1 or L1 unless otherwise noted
 - 41. M M M1 or L1 unless otherwise noted
 - 42. M M M1 or L1 unless otherwise noted
 - 43. M M M1 or L1 unless otherwise noted
 - 44. M M M1 or L1 unless otherwise noted
 - 45. M M M1 or L1 unless otherwise noted
 - 46. M M M1 or L1 unless otherwise noted
 - 47. M M M1 or L1 unless otherwise noted
 - 48. M M M1 or L1 unless otherwise noted
 - 49. M M M1 or L1 unless otherwise noted
 - 50. M M M1 or L1 unless otherwise noted
 - 51. M M M1 or L1 unless otherwise noted
 - 52. M M M1 or L1 unless otherwise noted
 - 53. M M M1 or L1 unless otherwise noted
 - 54. M M M1 or L1 unless otherwise noted
 - 55. M M M1 or L1 unless otherwise noted
 - 56. M M M1 or L1 unless otherwise noted
 - 57. M M M1 or L1 unless otherwise noted
 - 58. M M M1 or L1 unless otherwise noted
 - 59. M M M1 or L1 unless otherwise noted
 - 60. M M M1 or L1 unless otherwise noted
 - 61. M M M1 or L1 unless otherwise noted
 - 62. M M M1 or L1 unless otherwise noted
 - 63. M M M1 or L1 unless otherwise noted
 - 64. M M M1 or L1 unless otherwise noted
 - 65. M M M1 or L1 unless otherwise noted
 - 66. M M M1 or L1 unless otherwise noted
 - 67. M M M1 or L1 unless otherwise noted
 - 68. M M M1 or L1 unless otherwise noted
 - 69. M M M1 or L1 unless otherwise noted
 - 70. M M M1 or L1 unless otherwise noted
 - 71. M M M1 or L1 unless otherwise noted
 - 72. M M M1 or L1 unless otherwise noted
 - 73. M M M1 or L1 unless otherwise noted
 - 74. M M M1 or L1 unless otherwise noted
 - 75. M M M1 or L1 unless otherwise noted
 - 76. M M M1 or L1 unless otherwise noted
 - 77. M M M1 or L1 unless otherwise noted
 - 78. M M M1 or L1 unless otherwise noted
 - 79. M M M1 or L1 unless otherwise noted
 - 80. M M M1 or L1 unless otherwise noted
 - 81. M M M1 or L1 unless otherwise noted
 - 82. M M M1 or L1 unless otherwise noted
 - 83. M M M1 or L1 unless otherwise noted
 - 84. M M M1 or L1 unless otherwise noted
 - 85. M M M1 or L1 unless otherwise noted
 - 86. M M M1 or L1 unless otherwise noted
 - 87. M M M1 or L1 unless otherwise noted
 - 88. M M M1 or L1 unless otherwise noted
 - 89. M M M1 or L1 unless otherwise noted
 - 90. M M M1 or L1 unless otherwise noted
 - 91. M M M1 or L1 unless otherwise noted
 - 92. M M M1 or L1 unless otherwise noted
 - 93. M M M1 or L1 unless otherwise noted
 - 94. M M M1 or L1 unless otherwise noted
 - 95. M M M1 or L1 unless otherwise noted
 - 96. M M M1 or L1 unless otherwise noted
 - 97. M M M1 or L1 unless otherwise noted
 - 98. M M M1 or L1 unless otherwise noted
 - 99. M M M1 or L1 unless otherwise noted
 - 100. M M M1 or L1 unless otherwise noted

The Δ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.



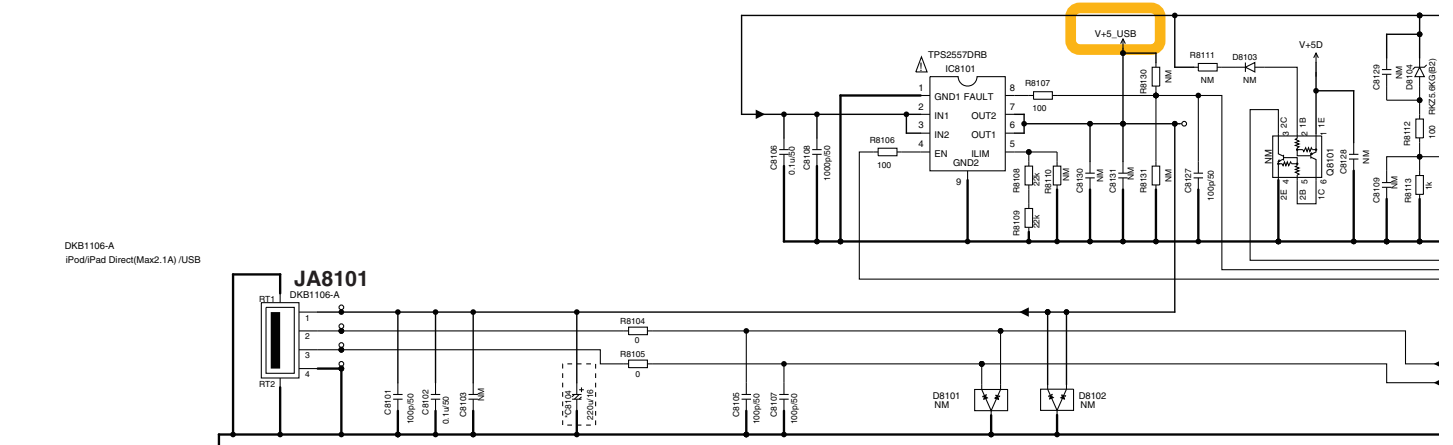
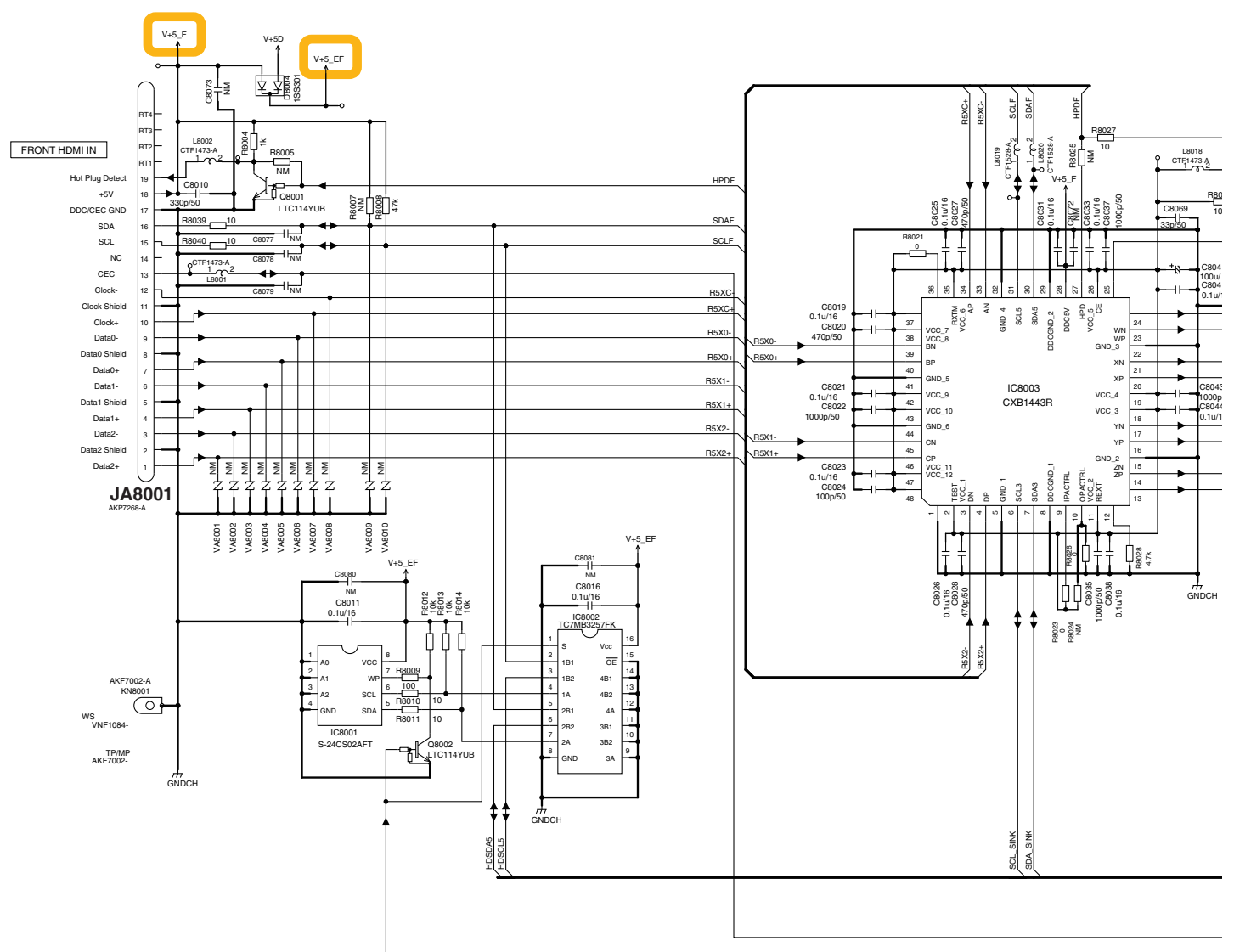
AA CN3793

AA CN3791

\rightarrow : Audio Signal Route

10.6 FRONT HDMI USB ASSY

A
B
C
D
E
F



DKB1106-A
iPod/iPad Direct(Max2.1A)/USB

JA8101
DKB1106-A

KN8101
AKF7002-A

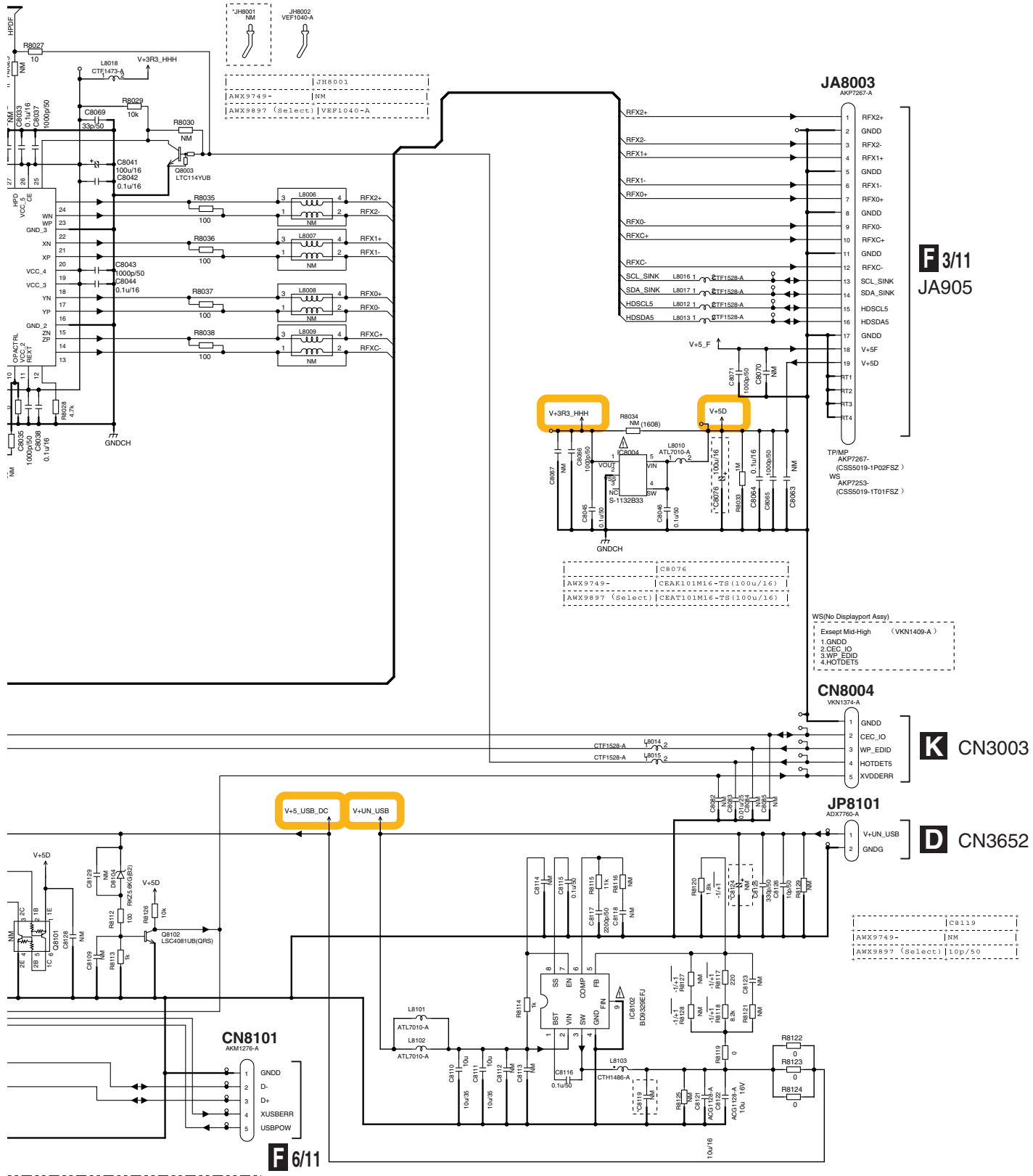
AWX9749- [C8AK221M16-TS (220u/16)]
AWX9897 (select) [C8AT221M16-TS (220u/16)]

The Δ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

NOTE
1. RESISTORS
Unit: k-k12, M-M12 or Ω unless otherwise noted.
Ratings Power: 1/16W unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
2. CAPACITORS
No marked Capacitors are CEAT or CKSRYB or CKI
C: C5SRCH or C5S5CH
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise not
3. NM: No Mount

1 2 3 4

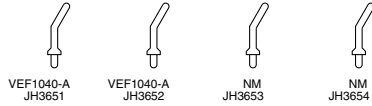
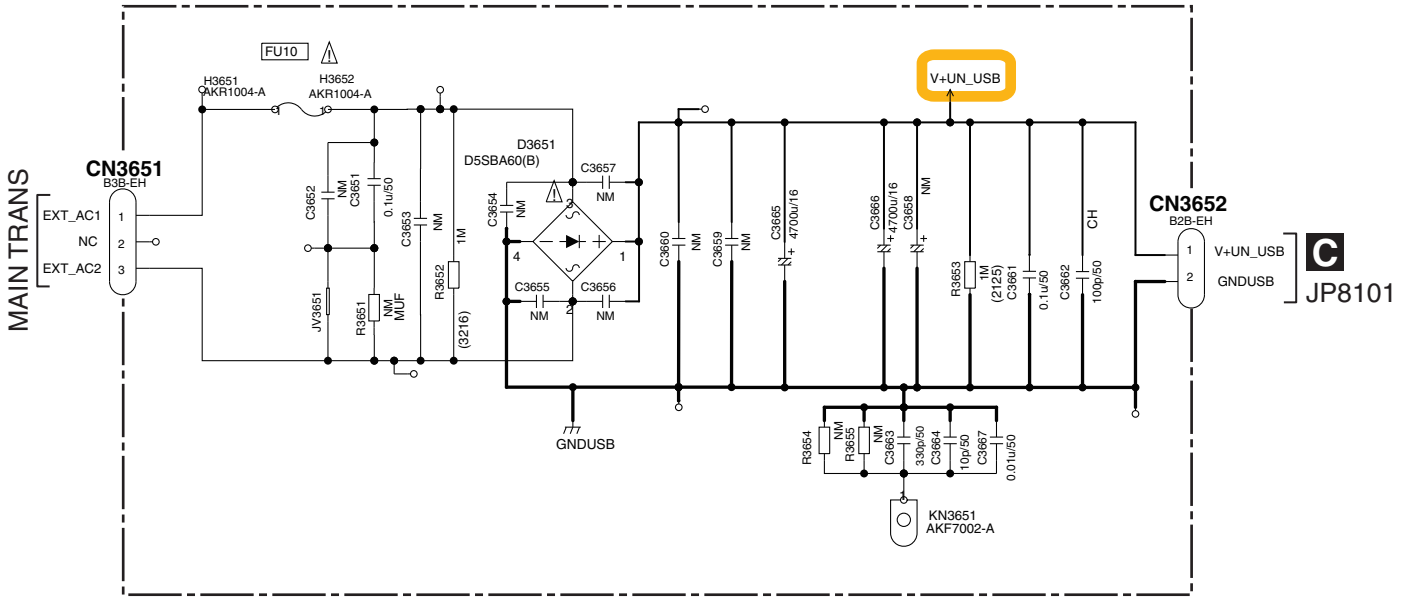
FRONT HDMI USB ASSY (AWX9749)



Ω or Ω unless otherwise noted.
 16Ω unless otherwise noted.
 ♂ unless otherwise noted.
 icitors are CEAT or CKSRYB or CKSSYB.
 C8035CH
 F unless otherwise noted.
 y(F)/Voltage(V) unless otherwise noted.

10.7 USB RECT and MULTI CH IN(SC-57) ASSYS

D USB RECT ASSY (AWX9821)



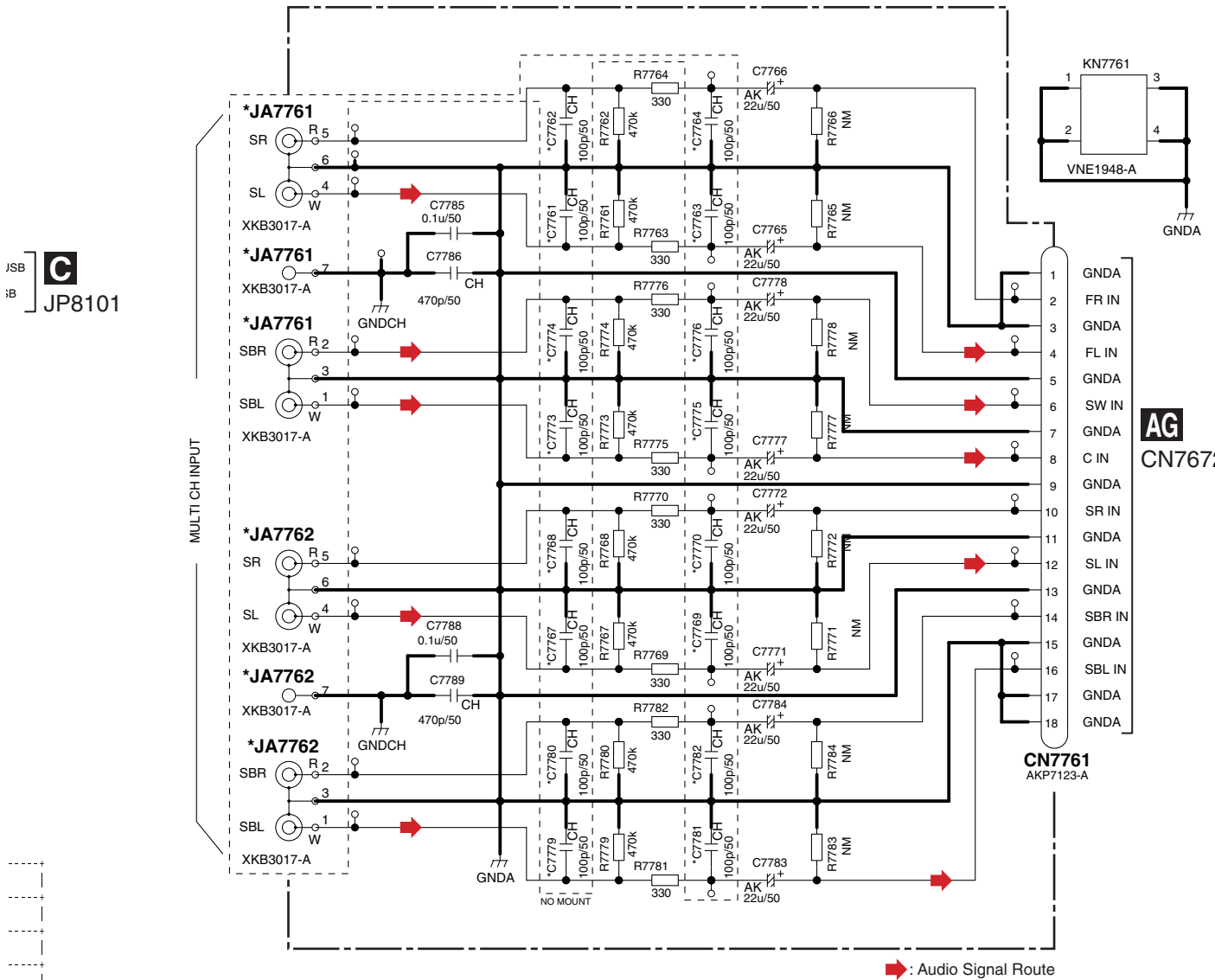
CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

NOTE
 1. RESISTORS
 Unit: k-k Ω, M-M Ω or Ω unless otherwise noted.
 Rated Power: 1/10W unless otherwise noted.
 Tolerance: (J)5% unless otherwise noted.
 MUF : RD1/4MUF
 2125 : RS1/8SQ
 2. CAPACITORS
 Unit: p-pF or u-uF unless otherwise noted.
 Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
 CH : CCSRCH
 NO MARKED : CEAT or CKSRYB
 3. NM : NO MOUNT

The mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

	AWX9856	AWX9857
C7761	100p/50	NM
C7762	100p/50	NM
C7763	100p/50	NM
C7764	100p/50	NM
C7767	100p/50	NM
C7768	100p/50	NM
C7769	100p/50	NM
C7770	100p/50	NM
C7773	100p/50	NM
C7774	100p/50	NM
C7775	100p/50	NM
C7776	100p/50	NM
C7779	100p/50	NM
C7780	100p/50	NM
C7781	100p/50	NM
C7782	100p/50	NM
JA7761	XKB3017-A	AKB7218-A
JA7762	XKB3017-A	AKB7218-A

MULTI CH IN ASSY (SC-57:AWX9857)



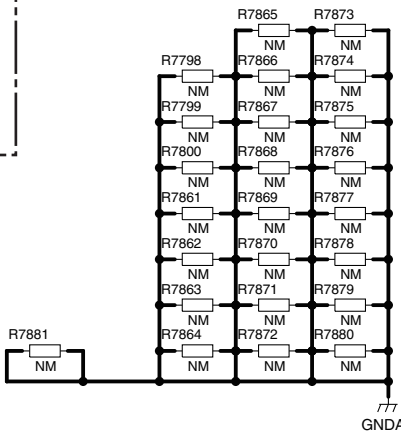
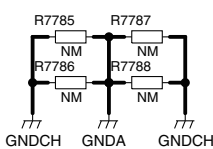
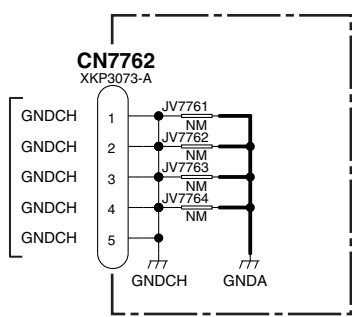
JSB
IB **C**
JP8101

AG
CN7672

CN7761
AKP7123-A

➔ : Audio Signal Route

T CN5751

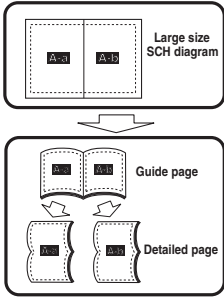


SC-57

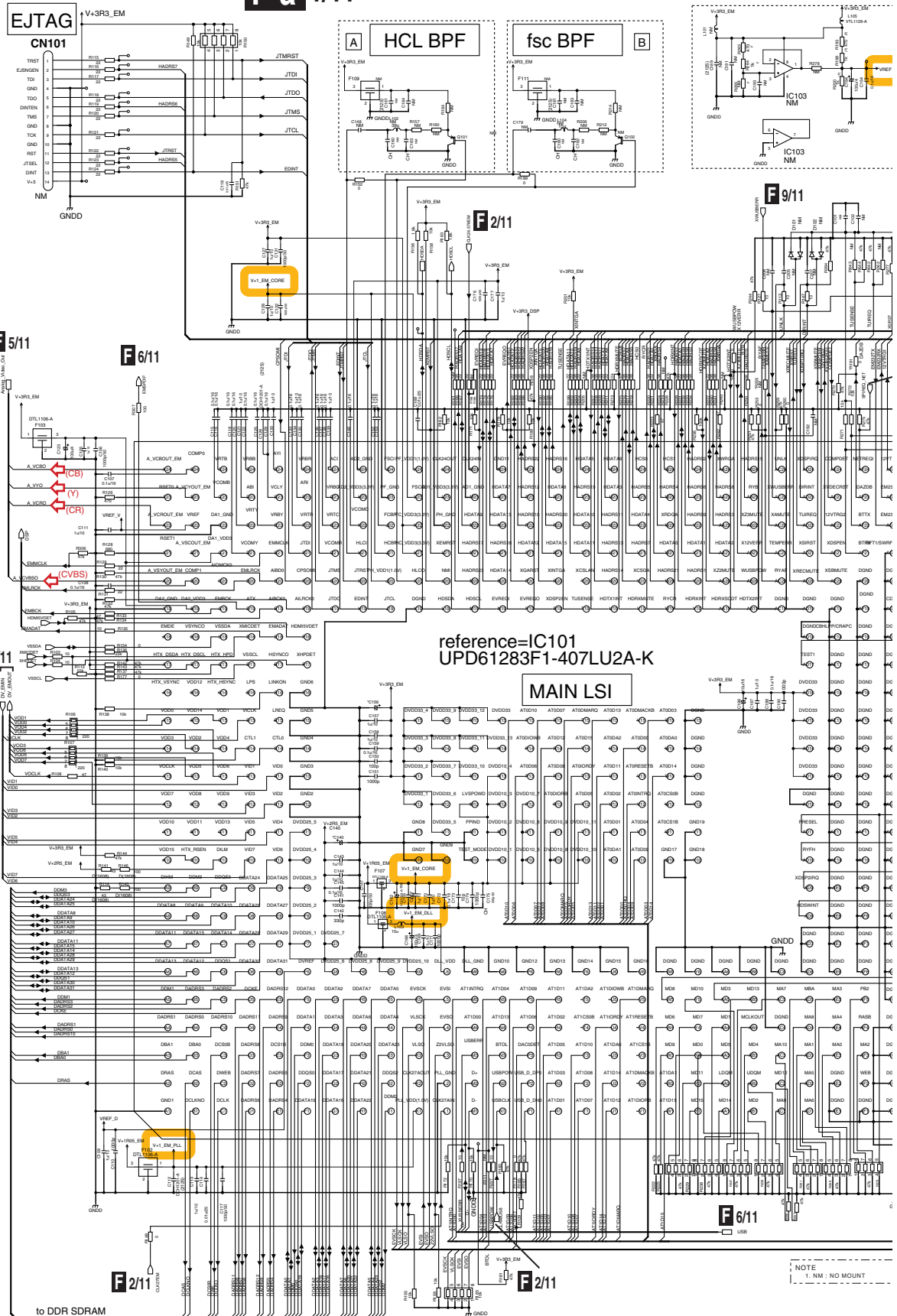
D E

10.8 DIGITAL MAIN ASSY (1/11) (GUIDE PAGE)

Note: When ordering service parts, be sure to refer to "EXPLODED VIEWS AND PARTS LIST" or "ELECTRICAL PARTS LIST".



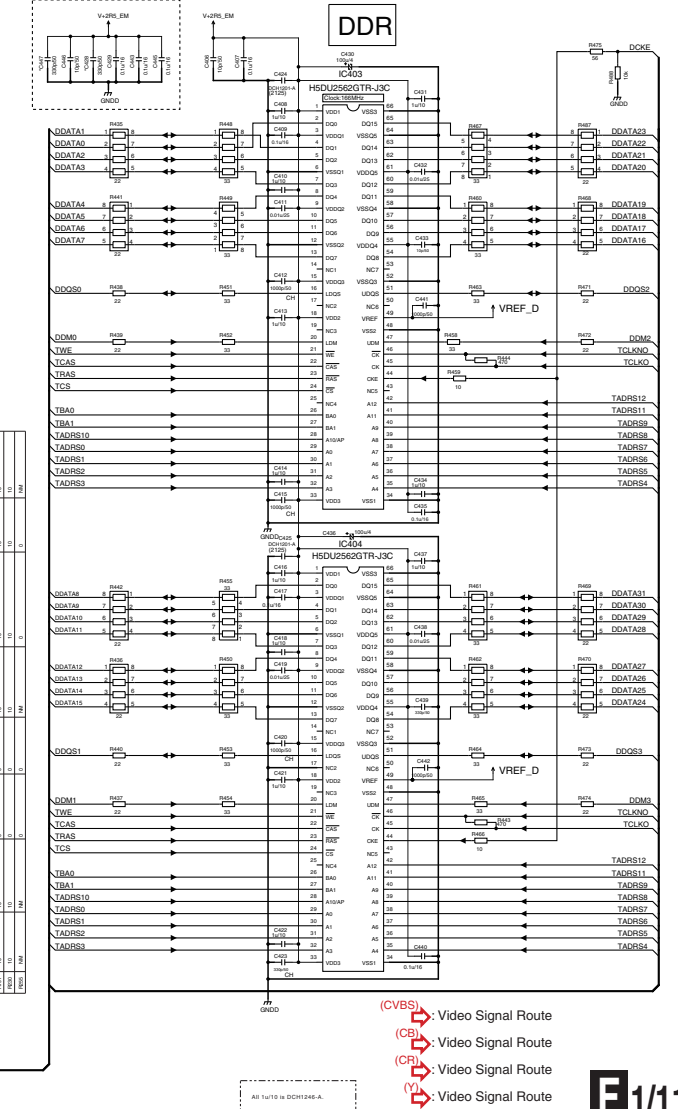
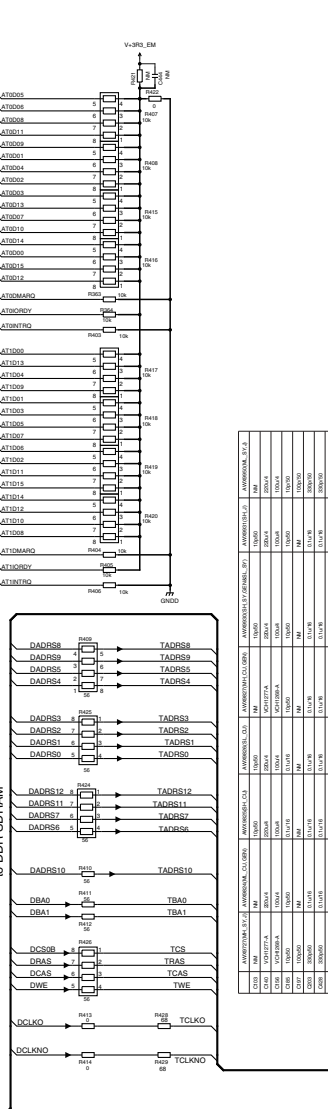
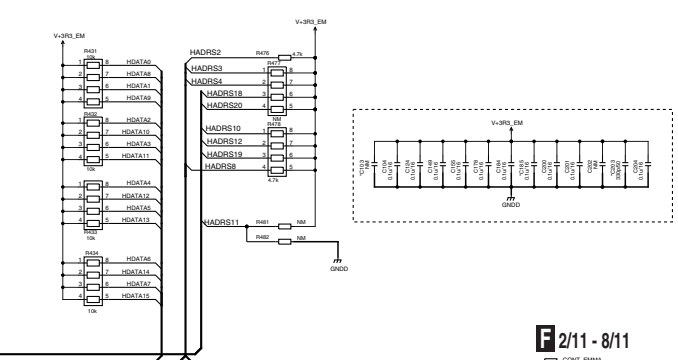
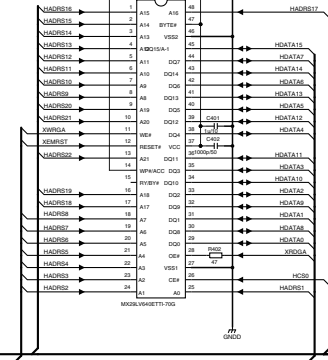
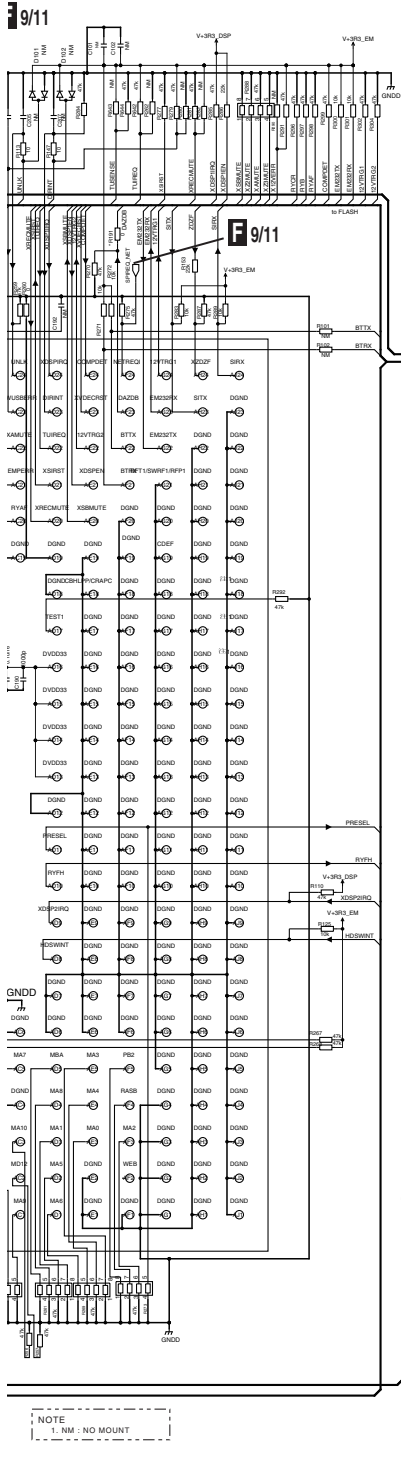
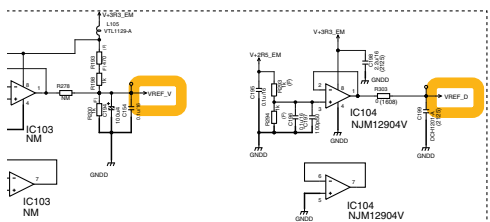
F-a 1/11



F 1/11

F/1/11 DIGITAL MAIN ASSY (1/11)
 (SC-57 : AWX9827)
 (SC-55/SC-1526-K : AWX9824)

F-b 1/11



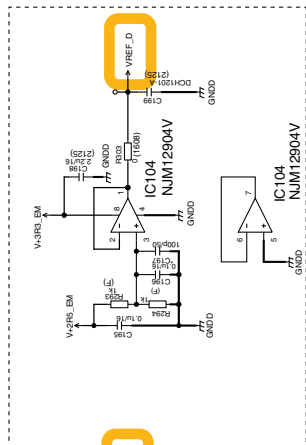
NOTE
 1. NM : NO MOUNT

(CVBS) : Video Signal Route
 (CB) : Video Signal Route
 (CR) : Video Signal Route
 (V) : Video Signal Route

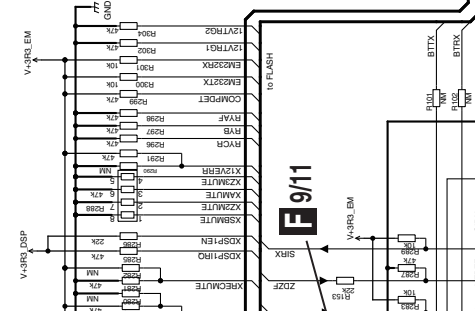


F 1/11 DIGITAL MAIN ASSY (1/11) (SC-57 : AWX9827) (SC-55/SC-1526-K : AWX9824)

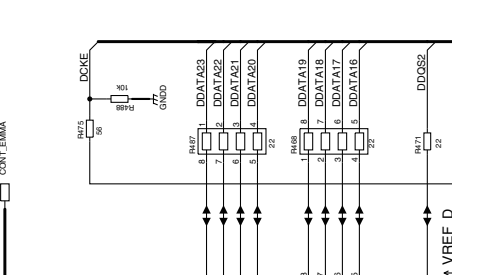
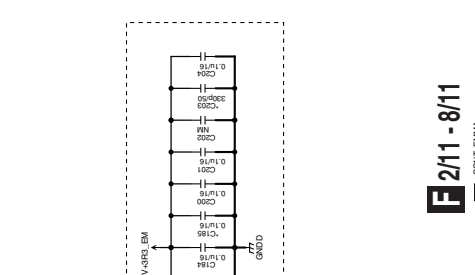
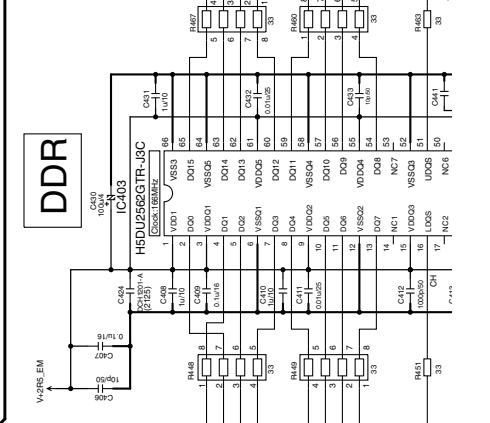
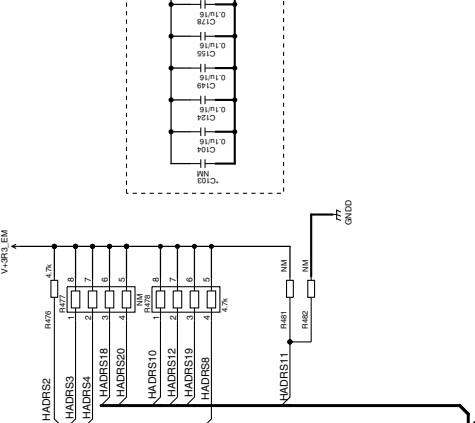
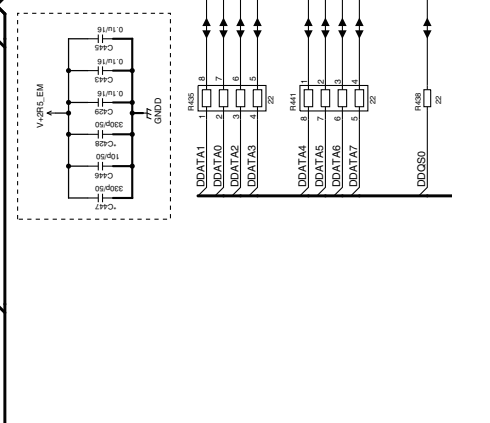
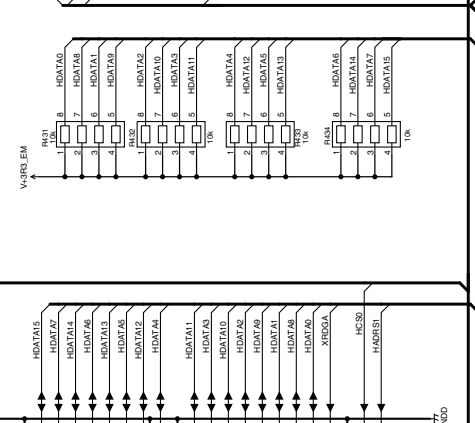
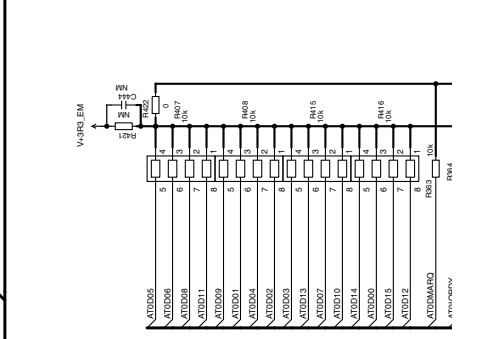
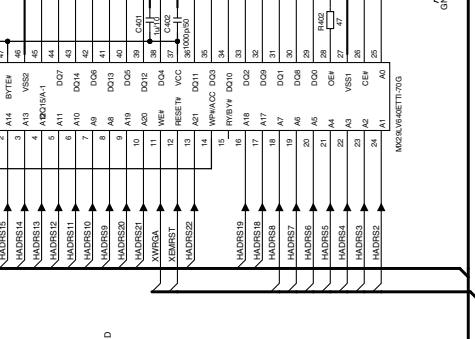
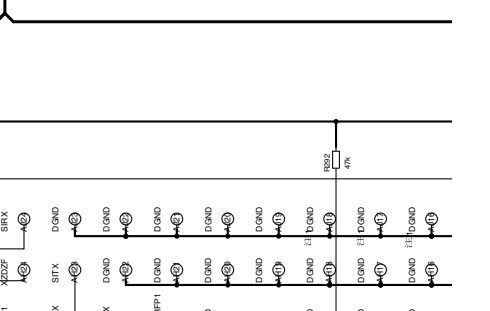
A-a A-b



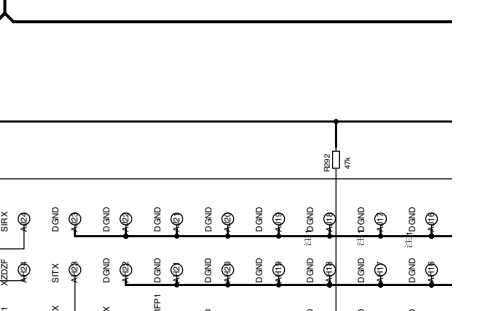
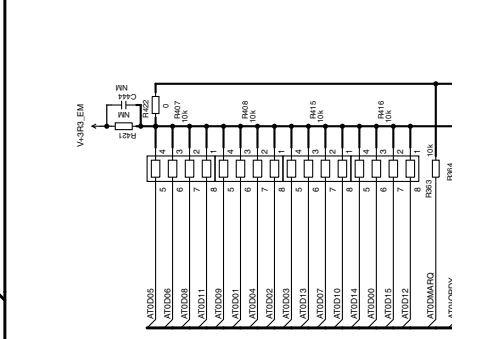
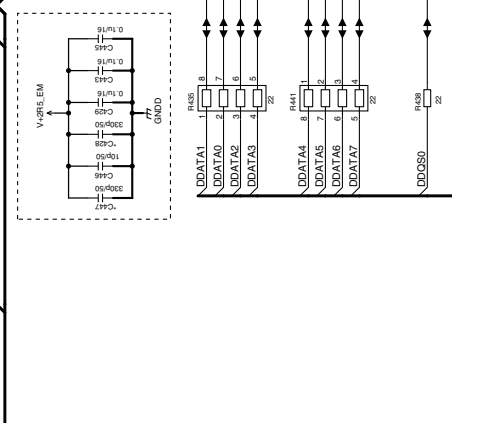
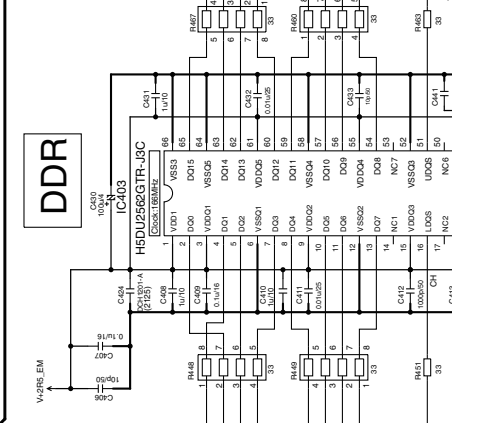
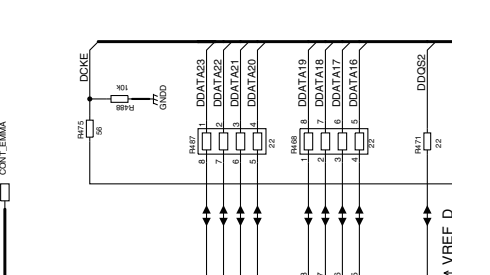
SC-57



F 9/11

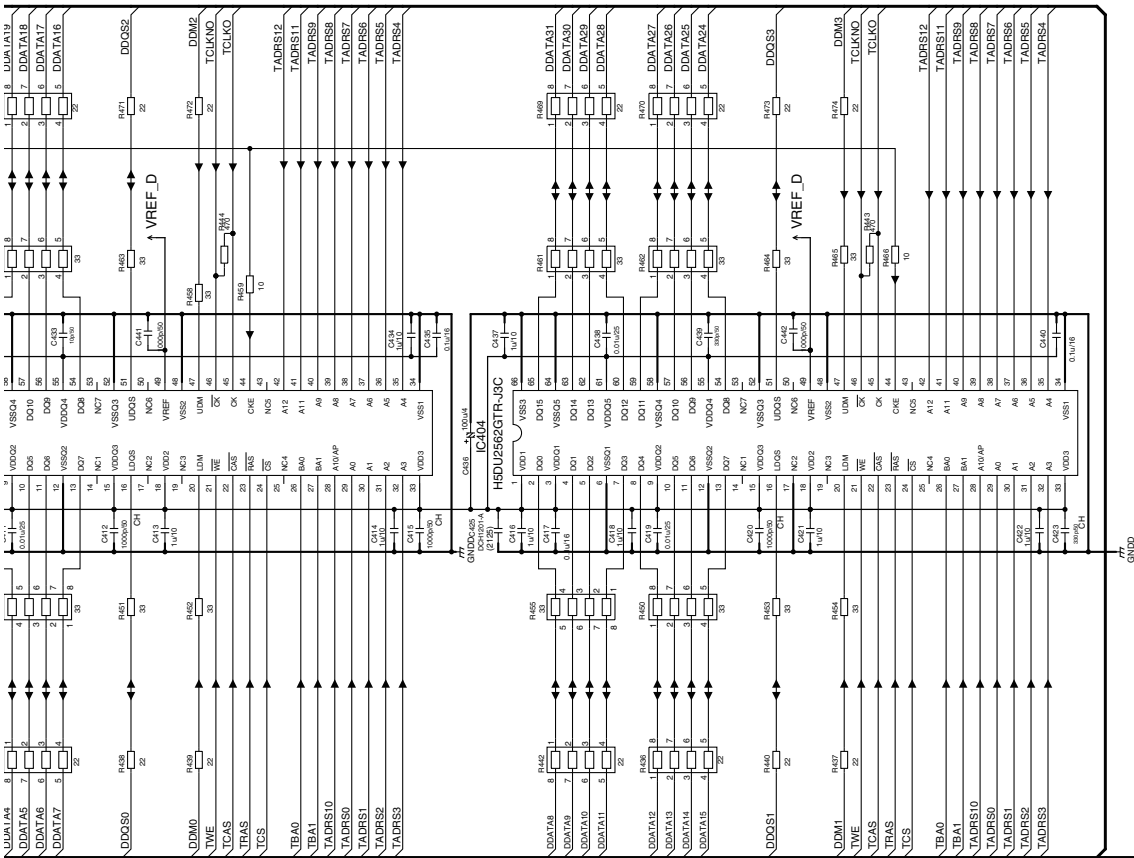


F 2/11 - 8/11



1 2 3 4

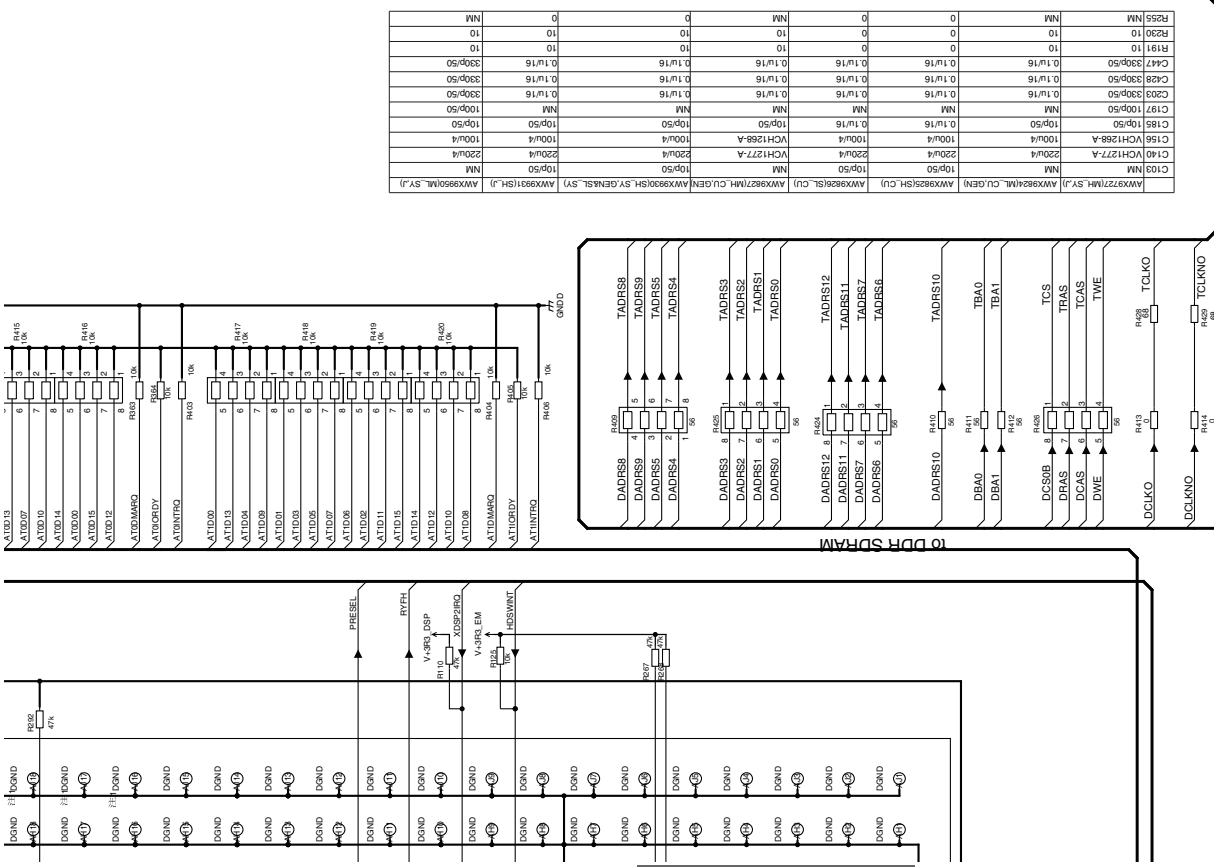
A B C D E F



- (CVBS) Video Signal Route
- (CB) Video Signal Route
- (CR) Video Signal Route
- (V) Video Signal Route

All I/O is SCH126-A.

A-a A-b



- (CVBS) Video Signal Route
- (CB) Video Signal Route
- (CR) Video Signal Route
- (V) Video Signal Route

All I/O is SCH126-A.

A-a A-b

SC-57

A

B

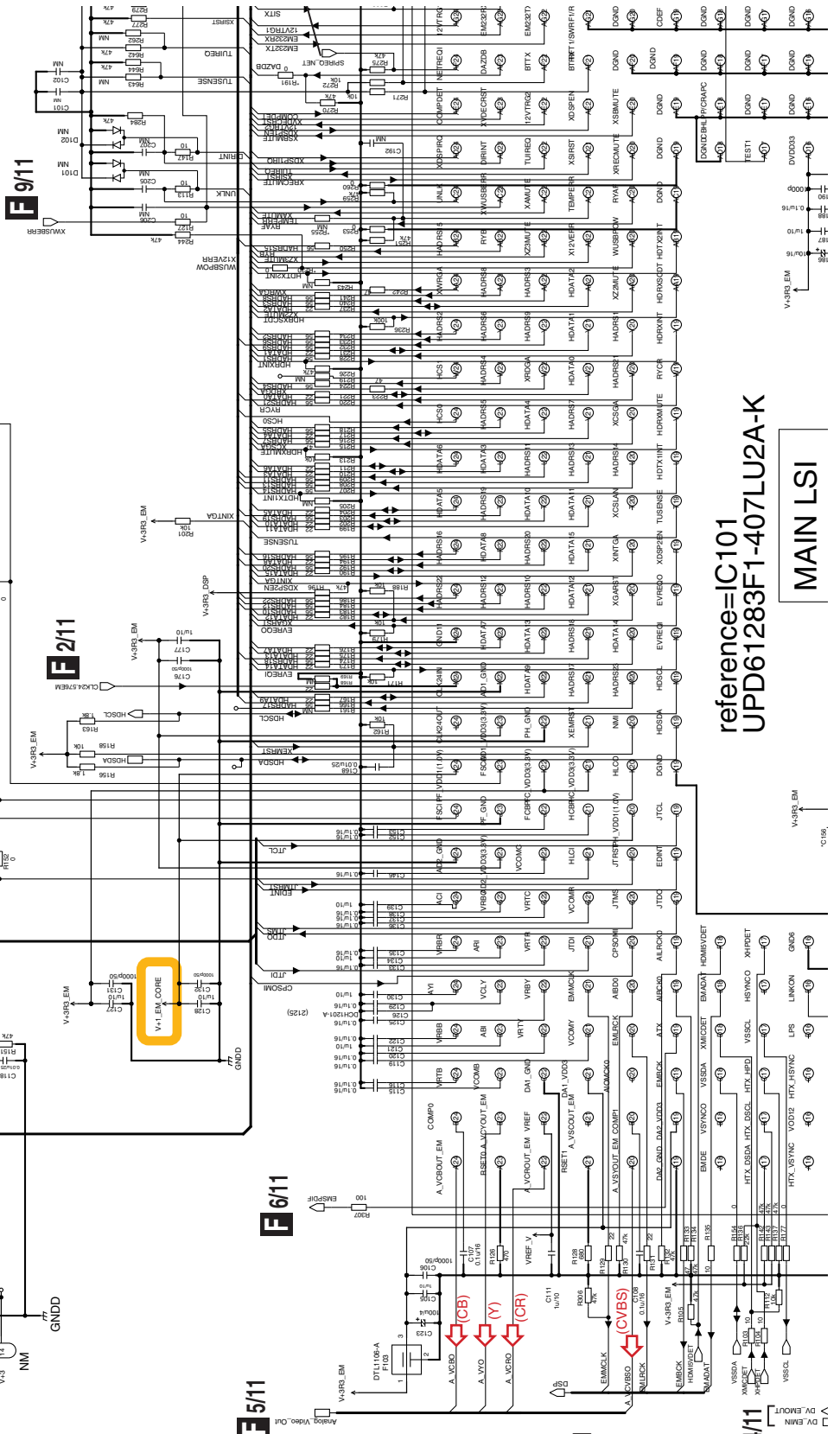
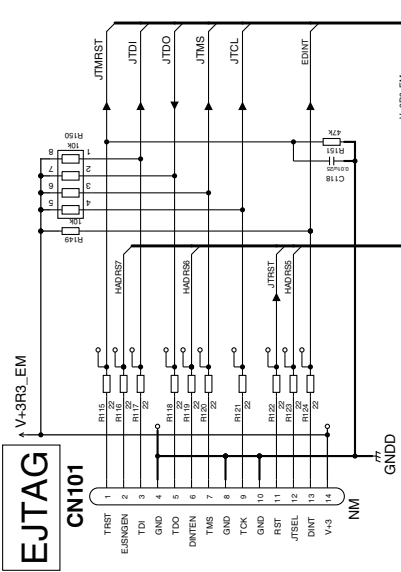
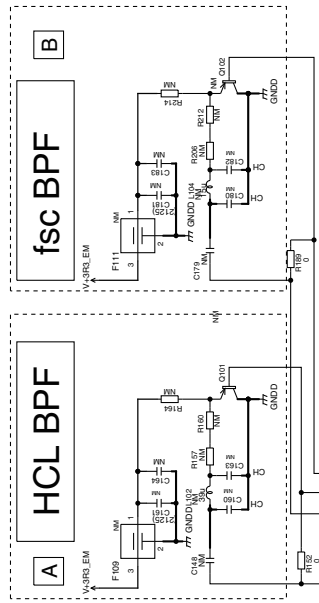
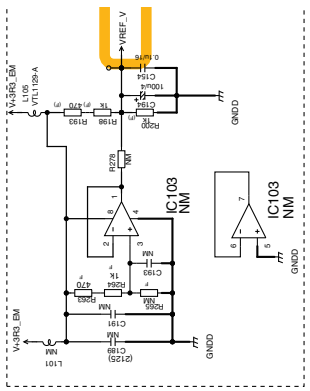
C

D

E

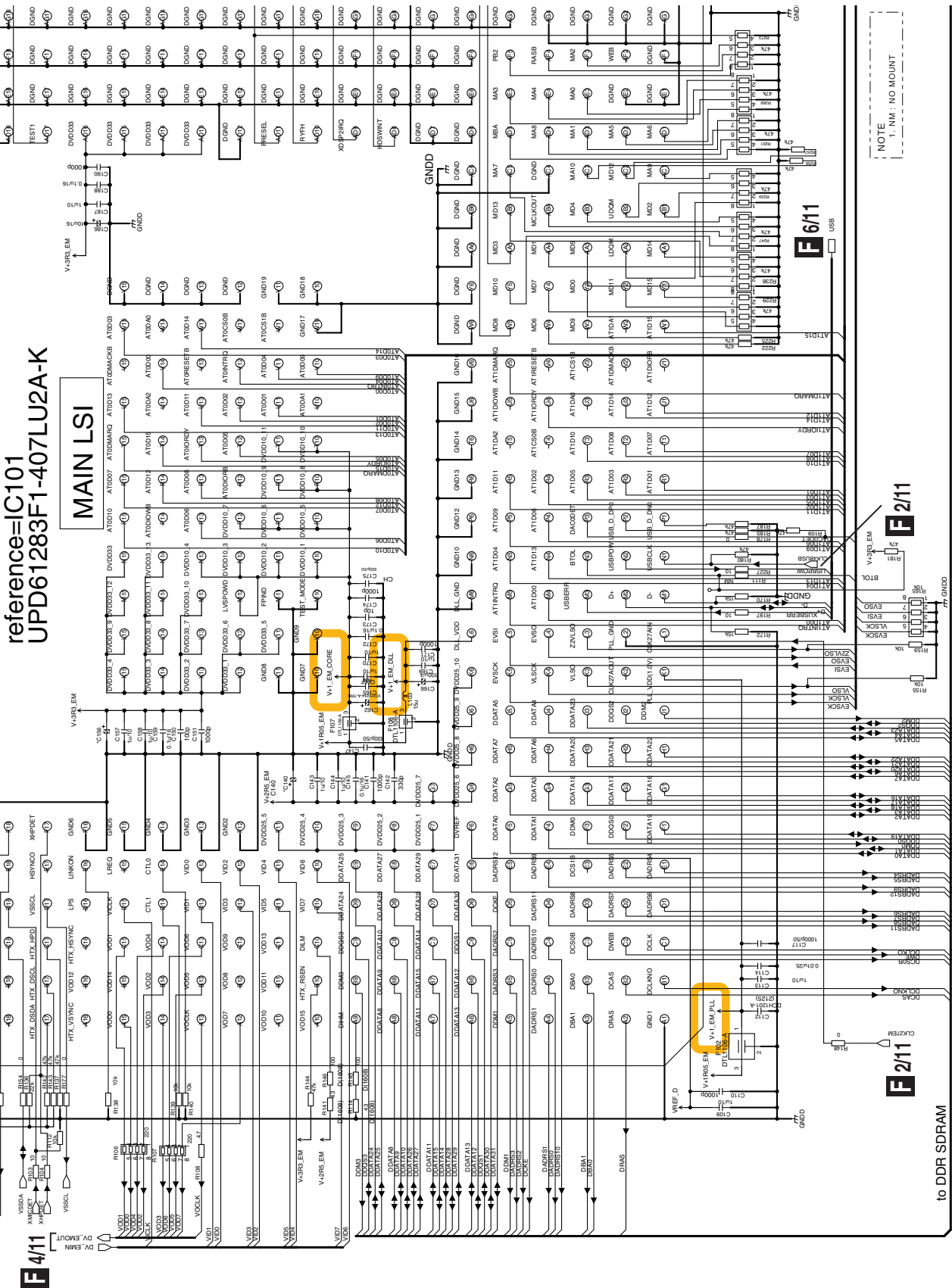
F

A-a A-b



reference=IC101
UPD61283F1-407LU2A-K

MAIN LSI



**reference=IC101
UPD61283F1-407LU2A-K**

MAIN LSI

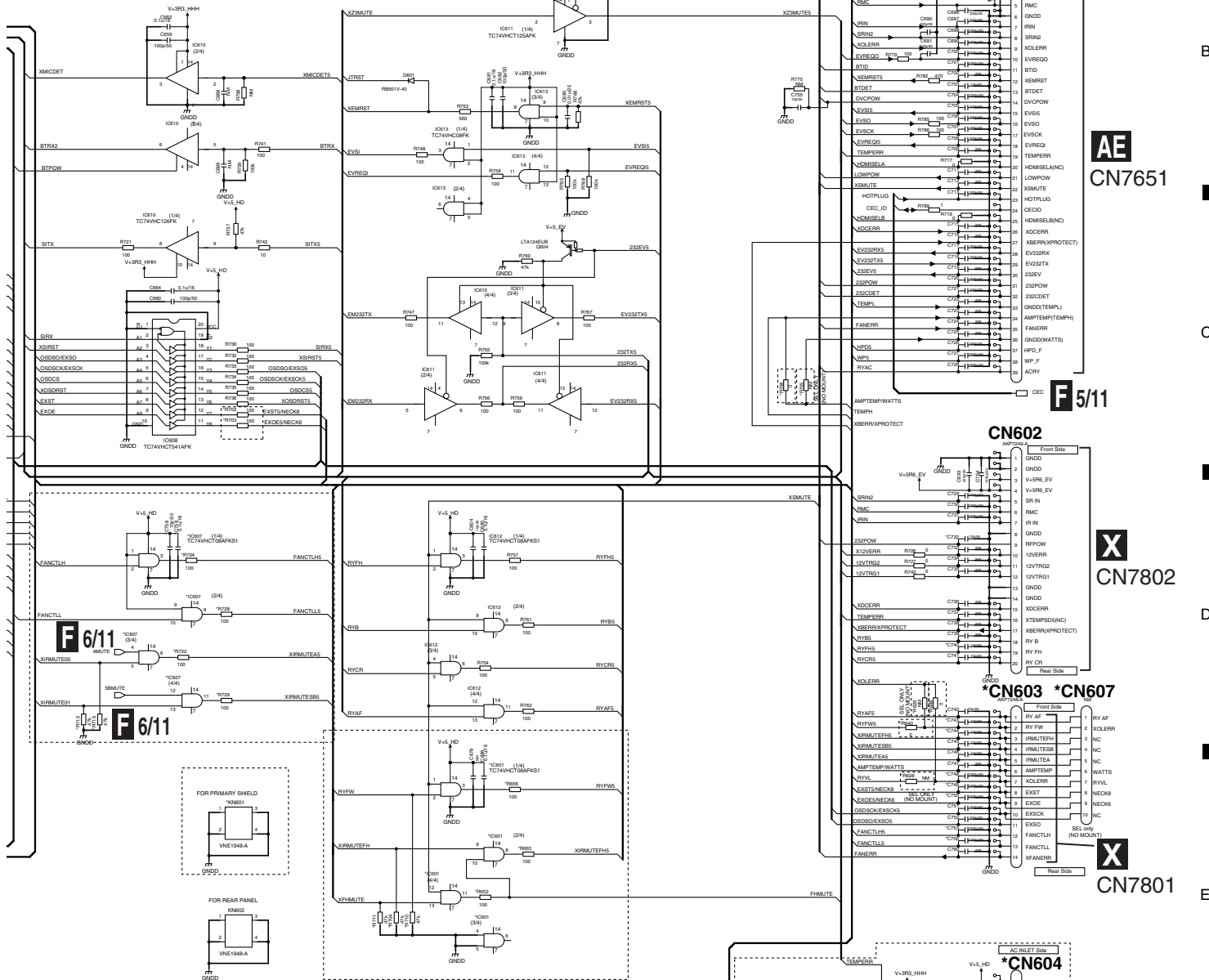
NOTE
1. NM: NO MOUNT

A-a

AWX9827(SY.GEN)ML_SY	AWX9827(SH.J)	AWX9827(SY.GEN)ML_SY
NM	0.1u16	
NM	10p50	
NM	0.1u16	
NM	100	
NM	100	
NM	100	
NM	100	
NM	100	
NM	47k	
NM	47k	
NM	47k	
NM	47k	
NM	47k	
NM	100	
NM	100	
NM	100	
NM	100	
NM	100	
NM	100	
NM	100	
NM	TC74VHC125AFK	
NM	TC74VHC125AFK	
NM	VNE194B.A	

F2/11 DIGITAL MAIN ASSY (2/11)
(SC-57 : AWX9827)
(SC-55/SC-1526-K: AWX9824)

F 5/11, 6/11,
8/11, 10/11



AE
CN7651

F 5/11

X
CN7802

X
CN7801

X
CN7801

X
CN7801

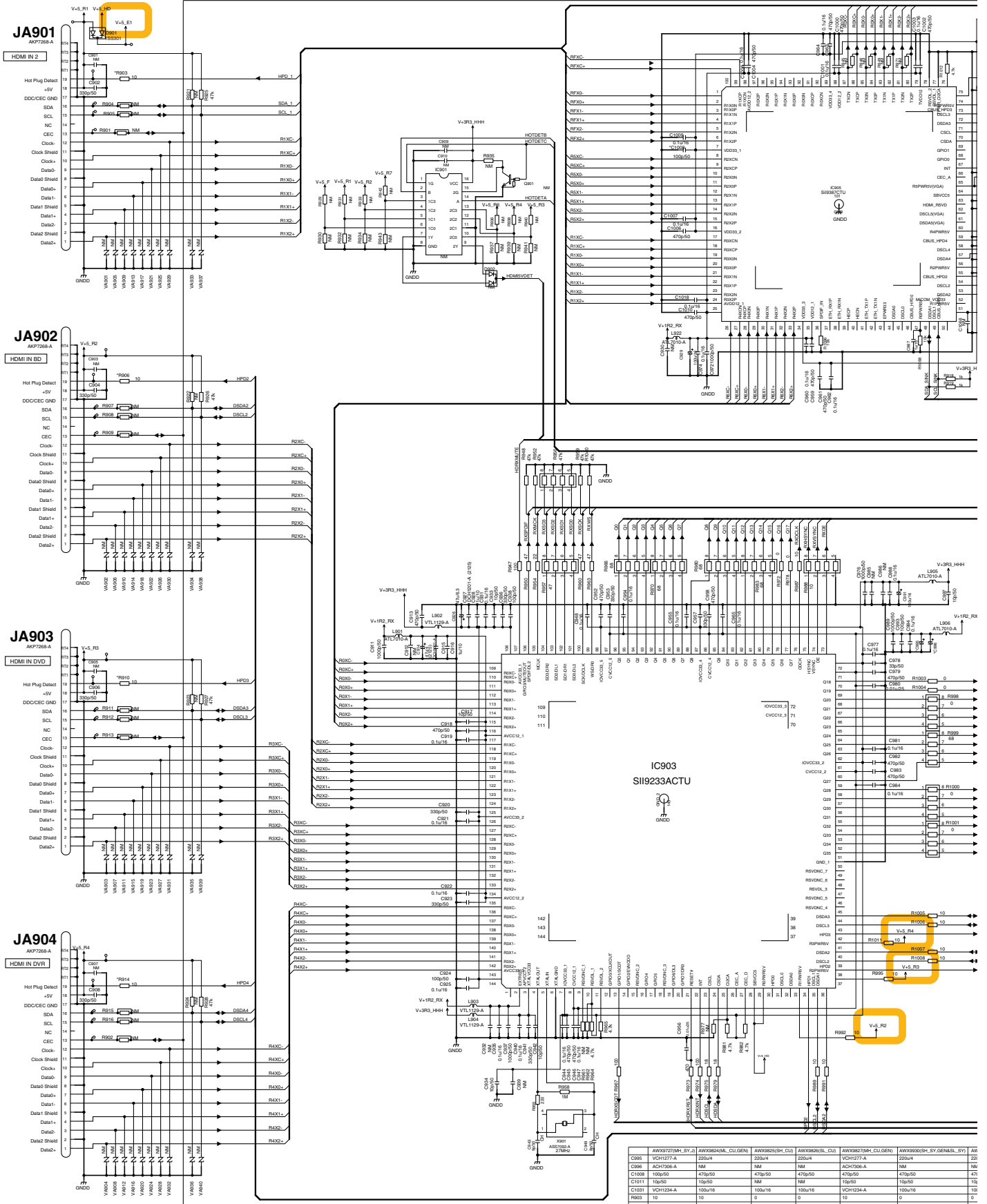
ML_CU_GEN	AWX9827(SH.CU)	AWX9827(SL.CU)	AWX9827(SH.CU)GEN	AWX9827(SH.CU)GEN	AWX9827(SH.CU)GEN	AWX9827(SH.CU)GEN	AWX9827(SH.CU)GEN
0.1u16	0.1u16	NM	0.1u16	0.1u16	NM	0.1u16	NM
0.1u16	0.1u16	NM	0.1u16	0.1u16	NM	0.1u16	NM
0.1u16	0.1u16	NM	0.1u16	0.1u16	NM	0.1u16	NM
47k	47k	NM	47k	47k	NM	47k	NM
5.6k	5.6k	NM	5.6k	5.6k	NM	5.6k	NM
47k	47k	NM	47k	47k	NM	47k	NM
47k	47k	NM	47k	47k	NM	47k	NM
5.6k	5.6k	NM	5.6k	5.6k	NM	5.6k	NM
2.7k	2.7k	NM	2.7k	2.7k	NM	2.7k	NM
KM000A02L	KM000A02L	NM	KM000A02L	KM000A02L	NM	KM000A02L	NM
KM000A03L	KM000A03L	NM	KM000A03L	KM000A03L	NM	KM000A03L	NM
KM000A02L	KM000A02L	NM	KM000A02L	KM000A02L	NM	KM000A02L	NM
RM4983	RM4983	NM	RM4983	RM4983	NM	RM4983	NM
RM4983	RM4983	NM	RM4983	RM4983	NM	RM4983	NM
RM4983	RM4983	NM	RM4983	RM4983	NM	RM4983	NM
TESTPOINT	TESTPOINT	NM	TESTPOINT	TESTPOINT	NM	TESTPOINT	NM
TESTPOINT	TESTPOINT	NM	TESTPOINT	TESTPOINT	NM	TESTPOINT	NM
TESTPOINT	TESTPOINT	NM	TESTPOINT	TESTPOINT	NM	TESTPOINT	NM
TESTPOINT	TESTPOINT	NM	TESTPOINT	TESTPOINT	NM	TESTPOINT	NM
TESTPOINT	TESTPOINT	NM	TESTPOINT	TESTPOINT	NM	TESTPOINT	NM
TESTPOINT	TESTPOINT	NM	TESTPOINT	TESTPOINT	NM	TESTPOINT	NM
TESTPOINT	TESTPOINT	NM	TESTPOINT	TESTPOINT	NM	TESTPOINT	NM

The **A** mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

F2/11
113

10.10 DIGITAL MAIN ASSY (3/11)

A
B
C
D
E
F



The Δ mark found on some component parts should be replaced with some parts (usually registered authorized) of identical designation.

NOTE
1. NM: NO MOUNT

All 1u/10 is DCH124E-A.

	AWK37773M (BY_1)	AWK9828M (CU_GEN)	AWK9828M (CU_CU)	AWK9828M (CU_CU)	AWK9828M (BY_GEN/SL_BY)	AWK9828M (BY_GEN/SL_BY)
C991	VCH1277-A	220u4	220u4	220u4	220u4	220
C998	ACH7306-A	NM	NM	ACH7306-A	NM	NM
C1038	100u50	470u50	470u50	470u50	470u50	470
C1041	100u50	100u50	NM	100u50	100u50	100
C1031	VCH1234-A	100u16	100u16	100u16	VCH1234-A	100
R903	10	10	0	0	10	0
R908	10	10	0	0	10	0
R910	10	0	0	0	10	0
R914	10	10	0	0	10	0
R938	10	10	0	0	10	0
R107	10	10	0	0	10	0

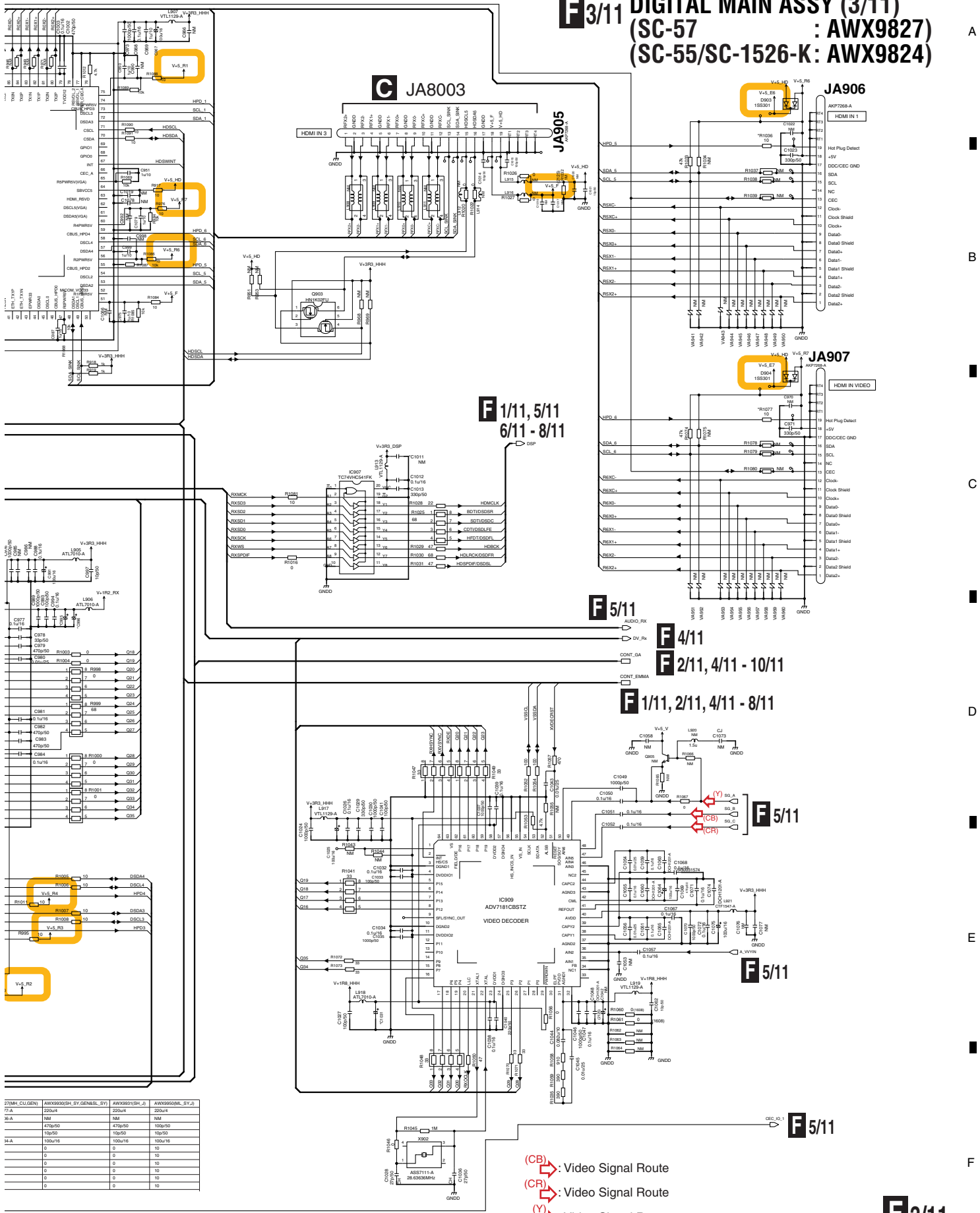
1

2

3

4

F3/11 DIGITAL MAIN ASSY (3/11)
 (SC-57 : AWX9827)
 (SC-55/SC-1526-K : AWX9824)

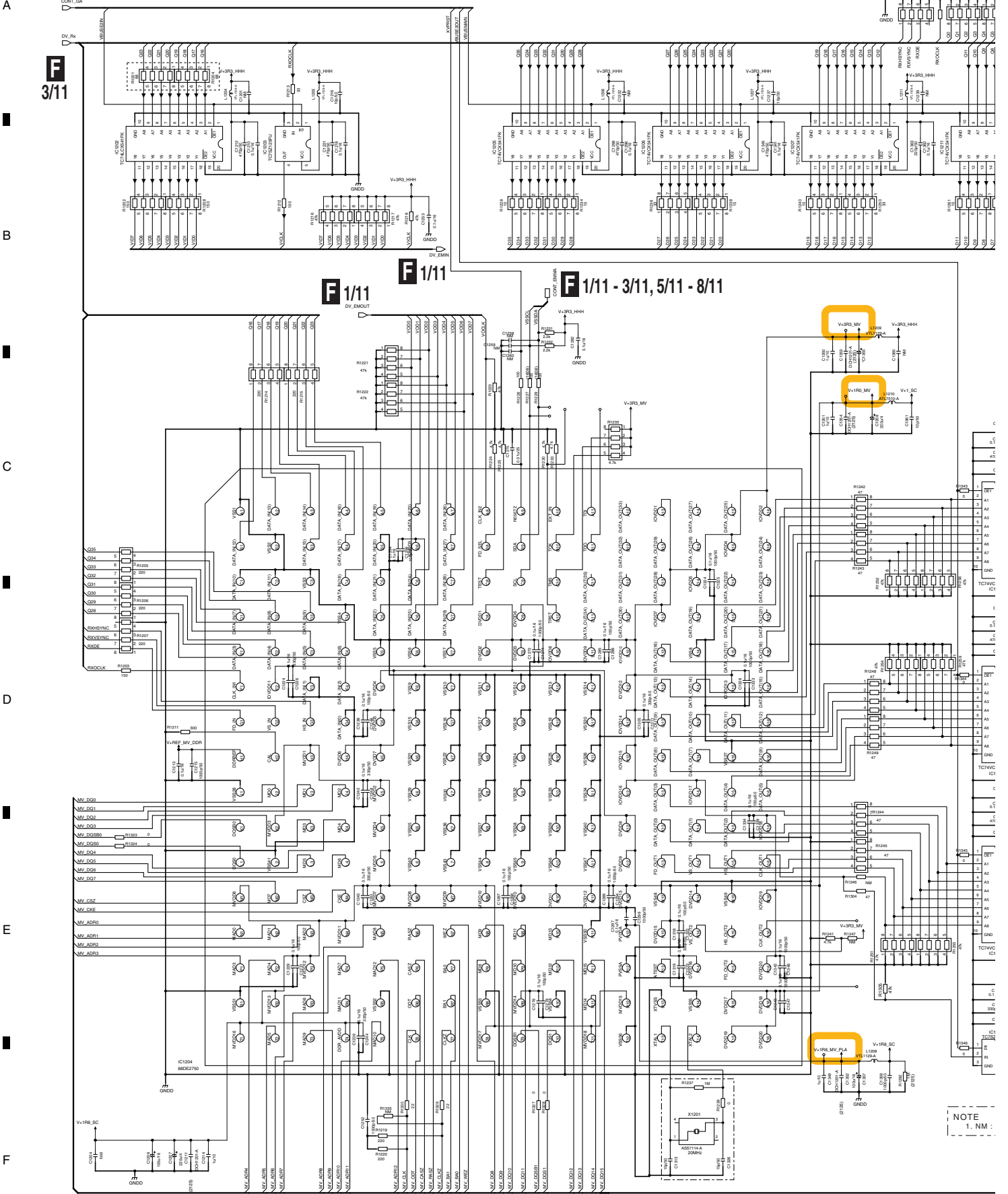


27MH_CU_GEN	AWX9827(3/11)_BY_GENSL_SY	AWX9827(3/11)_J	AWX9827(3/11)_SY_J
F7.A	220u4	220u4	220u4
S6.A	MM	MM	MM
S6.A	470u50	100u50	100u50
S6.A	100u50	100u50	100u50
S6.A	100u16	100u16	100u16
S6.A	0	0	0
S6.A	0	0	0
S6.A	0	0	0
S6.A	0	0	0
S6.A	0	0	0
S6.A	0	0	0

(CB) : Video Signal Route
 (CR) : Video Signal Route
 (Y) : Video Signal Route

10.11 DIGITAL MAIN ASSY (4/11)

F 2/11, 3/11, 5/11 - 10/11



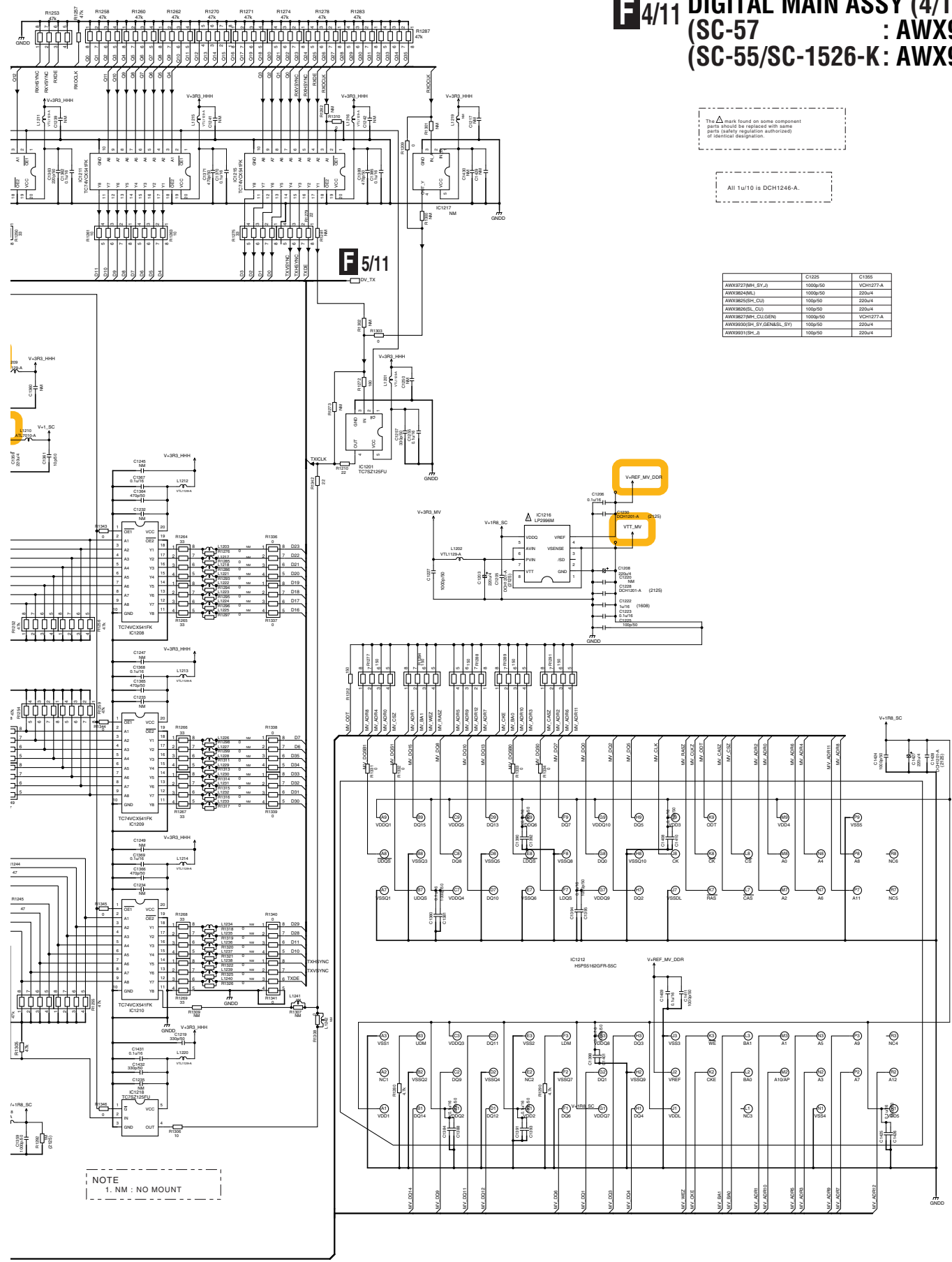
F 4/11

F4/11 DIGITAL MAIN ASSY (4/11)
 (SC-57 : AWX9827)
 (SC-55/SC-1526-K : AWX9824)

The Δ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

All 1u/10 is DCH1246-A.

	C125	C135
AWX9727(MH_SY_J)	100p50	VCH1277-A
AWX9848(M)	100p50	220u4
AWX9825(SH_CU)	100p50	220u4
AWX9826(SL_CU)	100p50	220u4
AWX9827(MH_CU_GEN)	100p50	VCH1277-A
AWX9828(SY_GENSEL_SY)	100p50	220u4
AWX9921(SH_J)	100p50	220u4



NOTE
 1. NM : NO MOUNT

10.12 DIGITAL MAIN ASSY (5/11)

1 2 3 4

A
B
C
D
E
F

F 2/11 - 4/11, 6/11 - 10/11
F 1/11 - 4/11, 6/11 - 8/11

F 2/11, 6/11, 8/11, 10/11

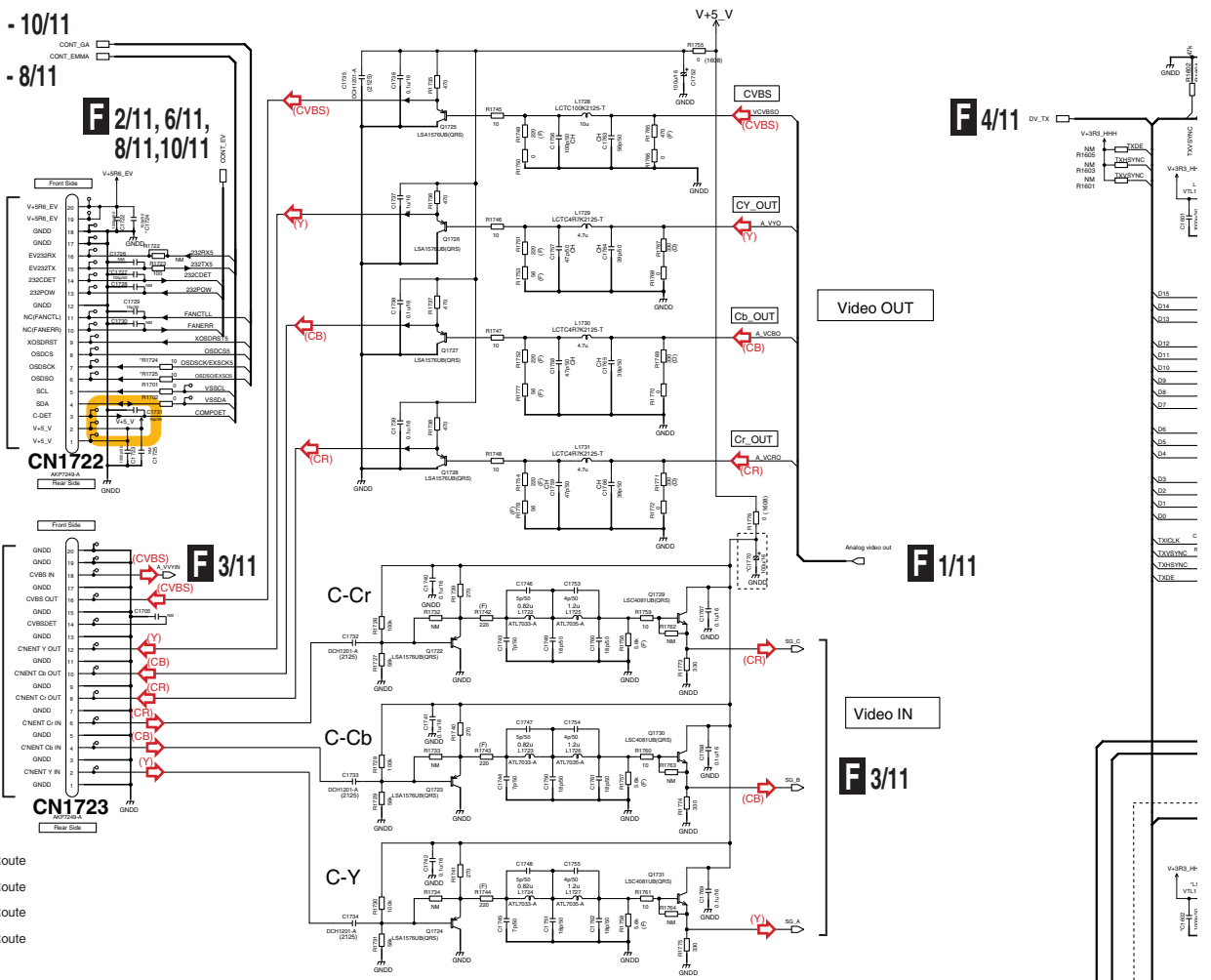
H CN8302

H CN8301

F 3/11

F 3/11

(CVBS) : Video Signal Route
 (CB) : Video Signal Route
 (CR) : Video Signal Route
 (Y) : Video Signal Route



F 4/11

F 1/11

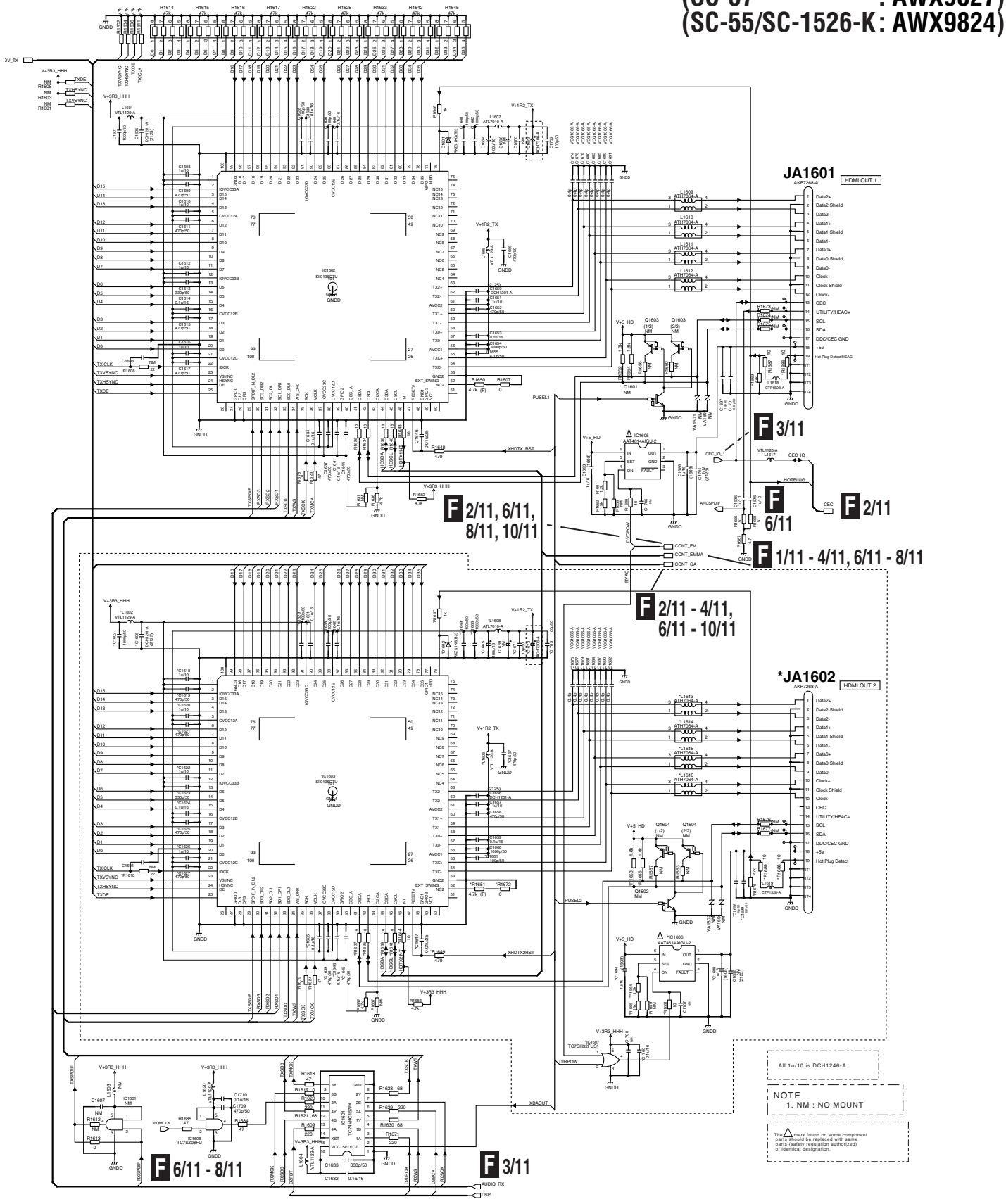
F 3/11

	AWX9727(MH_SY_J)	AWX9824(ML_CU_GEN)	AWX9825(SH_CU)	AWX9826(SL_CU)	AWX9827(MH_CU_GEN)	AWX9930(SH_SY_GEN&SL_SY)	AWX9931(SH_J)	AWX9950(ML_SY_J)
C1724	100p/50	100p/50	NM	NM	100p/50	NM	NM	100p/50
C1727	100p/50	100p/50	NM	NM	100p/50	NM	NM	100p/50
C1770	100u/16	NM	NM	NM	100u/16	NM	NM	NM
R1724	10	0	0	0	10	0	0	10
R1725	10	10	0	0	10	0	0	10

F 5/11
118

1 2 3 4

F 5/11 DIGITAL MAIN ASSY (5/11)
 (SC-57 : AWX9827)
 (SC-55/SC-1526-K: AWX9824)



All 1u/10 is DCH1246-A.

NOTE
 1. NM : NO MOUNT

The Δ mark found on some component parts should be replaced with same parts (factory regulation authorized) of identical designation.

F 1/11, 3/11, 6/11 - 8/11

F 2/11, 6/11, 8/11, 10/11

F 2/11 - 4/11, 6/11 - 10/11

F 3/11

F 1/11 - 4/11, 6/11 - 8/11

F 6/11

F 2/11

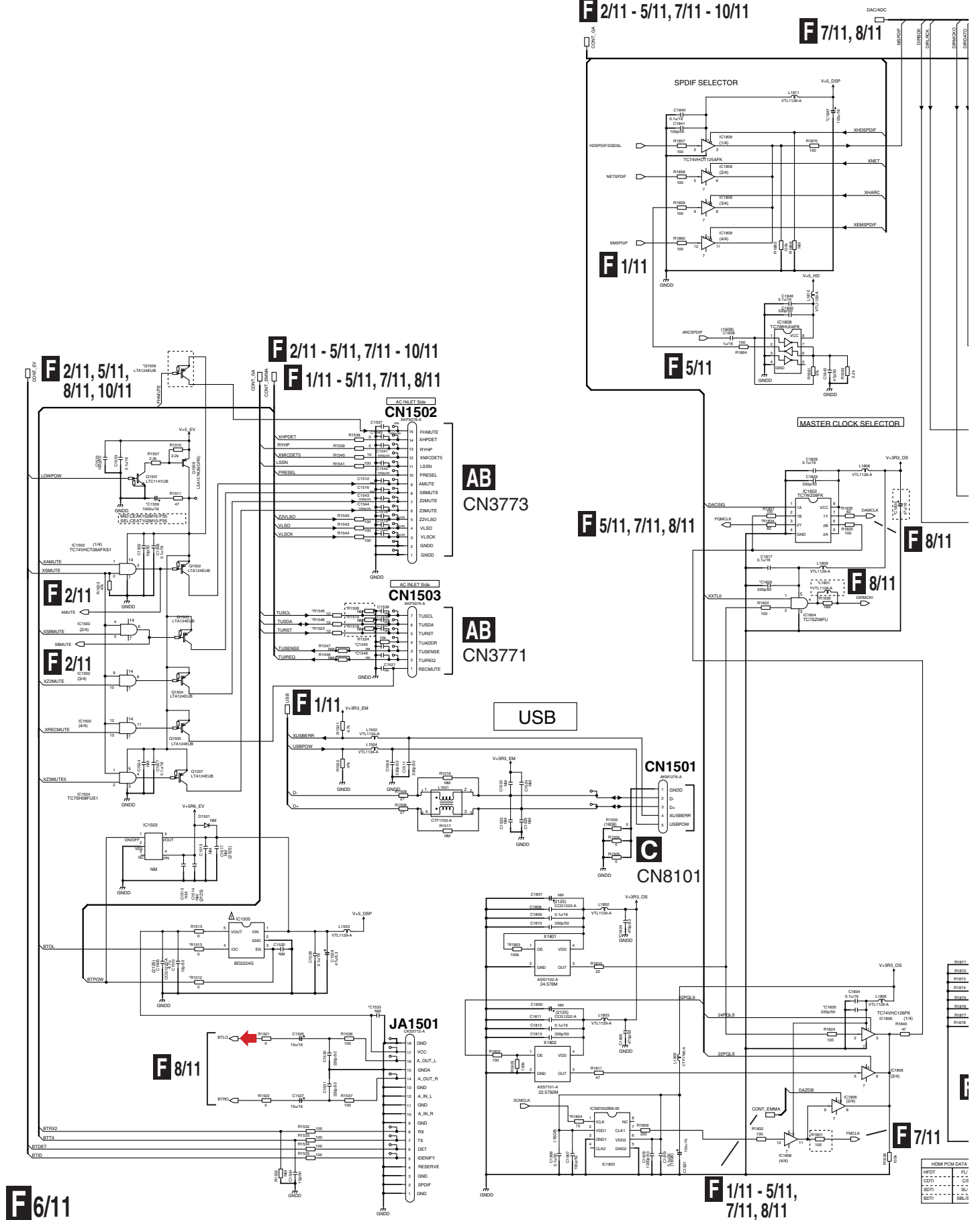
F 1/11, 3/11, 6/11 - 8/11

SC-57

F 5/11

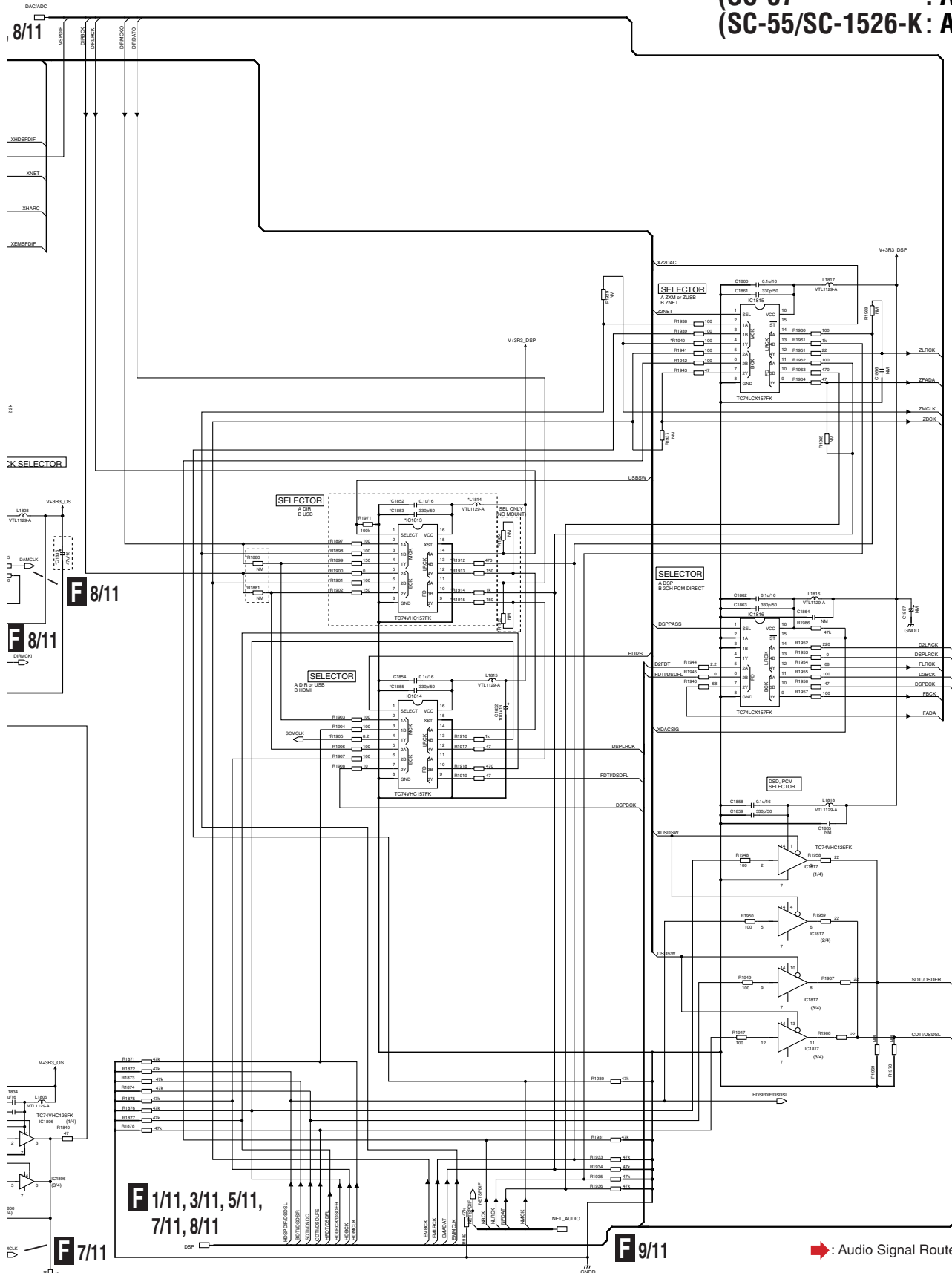
10.13 DIGITAL MAIN ASSY (6/11)

A
B
C
D
E
F



HFST	FLU
CDT1	CDL
SDT1	SDL
BDT1	BDL
BDT2	BDL

F 6/11 DIGITAL MAIN ASSY (6/11)
 (SC-57 : AWX9827)
 (SC-55/SC-1526-K : AWX9824)



HDMI PCM DATA		HDMI OSD DATA	
HFDT	FLFR	FL	FL
CDT1	CDW	HRCK	FR
SDT1	SDW	SDT1	SDT2
EDT1	EDW	EDT1	EDT2
BDT1	BDW	BDT1	BDT2
		BDT1	BDT2

NOTE
 1. NM : NO MOUNT

The Δ mark found on some component parts should be replaced with same parts (quality regulation authorized) of identical designation.

All 1u/10 is DCH1246-A.

➔ : Audio Signal Route

10.14 DIGITAL MAIN ASSY (7/11)

A

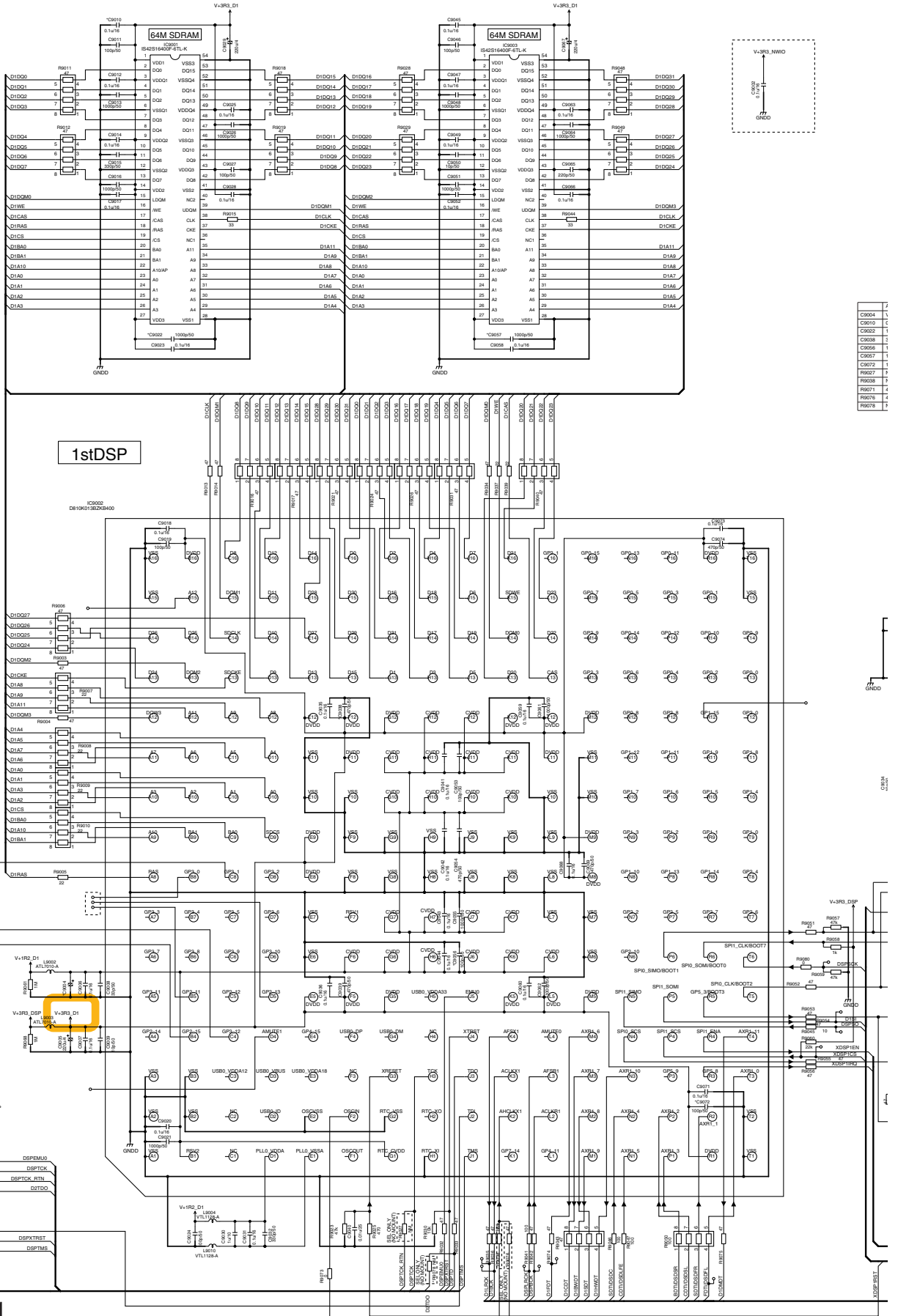
B

C

D

E

F



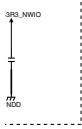
F 6/11, 8/11

F 8/11

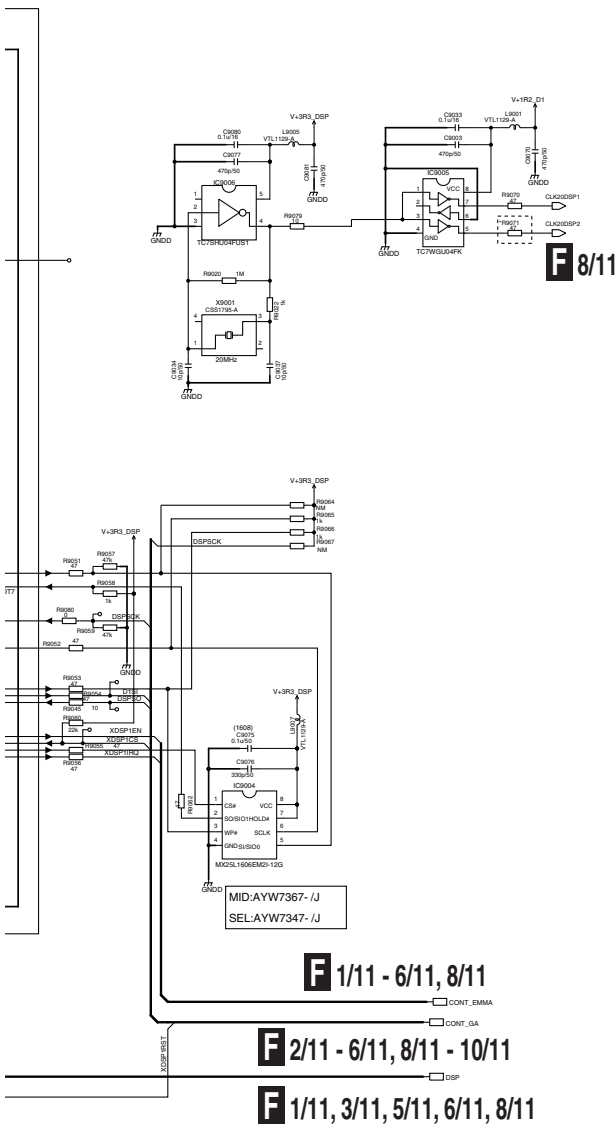
F 5/11, 6/11, 8/11 **F** 6/11

F 7/11

F7/11 DIGITAL MAIN ASSY (7/11)
 (SC-57 : AWX9827)
 (SC-55/SC-1526-K: AWX9824)

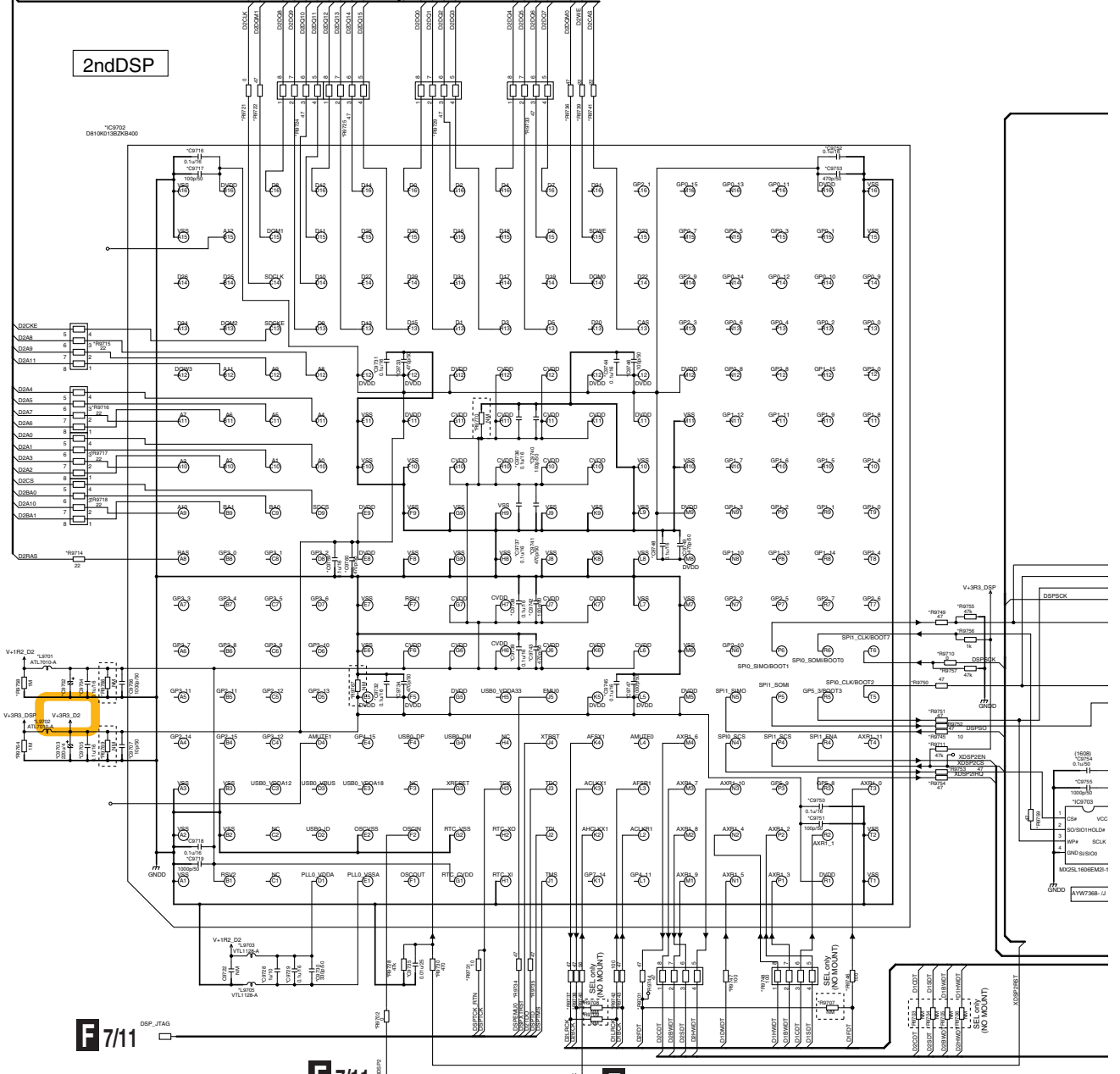
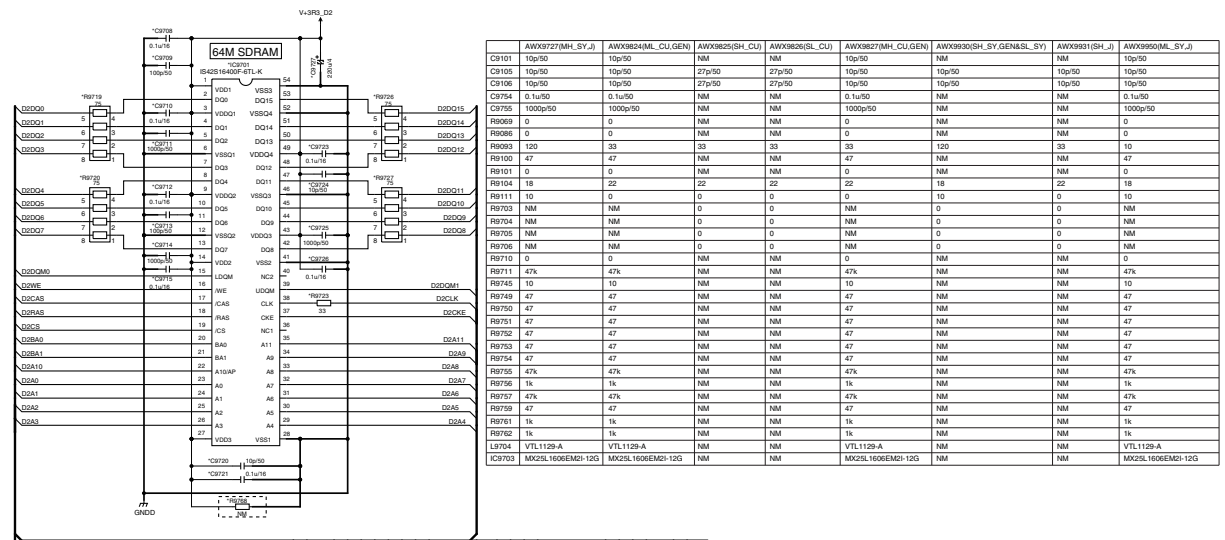


	AWX9727(MH_SY,J)	AWX9824(ML_CU,GEN)	AWX9825(SH_CU)	AWX9826(SL_CU)	AWX9827(MH_CU,GEN)	AWX9930(SH_SY,GEN&SL_SY)	AWX9931(SH_J)	AWX9950(ML_SY,J)
C3004	VCH1234-A	100u/16	100u/16	100u/16	VCH1234-A	100u/16	100u/16	100u/16
C3010	0.1u/16	0.1u/16	0.1u/16	0.1u/16	0.1u/16	0.1u/25	0.1u/16	0.1u/16
C3022	10p/50	10p/50	100p/50	100p/50	10p/50	10p/50	10p/50	10p/50
C3038	330p/50	330p/50	470p/50	470p/50	330p/50	330p/50	330p/50	330p/50
C3056	100p/50	470p/50	470p/50	470p/50	470p/50	470p/50	470p/50	100p/50
C3057	100p/50	100p/50	1000p/50	1000p/50	100p/50	100p/50	100p/50	100p/50
C3072	100p/50	470p/50	470p/50	470p/50	470p/50	470p/50	470p/50	100p/50
R3027	NM	NM	0	0	NM	0	0	NM
R3038	NM	NM	47	47	NM	56	47	NM
R3071	47	47	NM	NM	47	NM	NM	47
R3076	47	47	NM	NM	47	NM	NM	47
R3078	NM	NM	0	0	NM	0	0	NM



NOTE
 1. NM : NO MOUNT

10.15 DIGITAL MAIN ASSY (8/11)



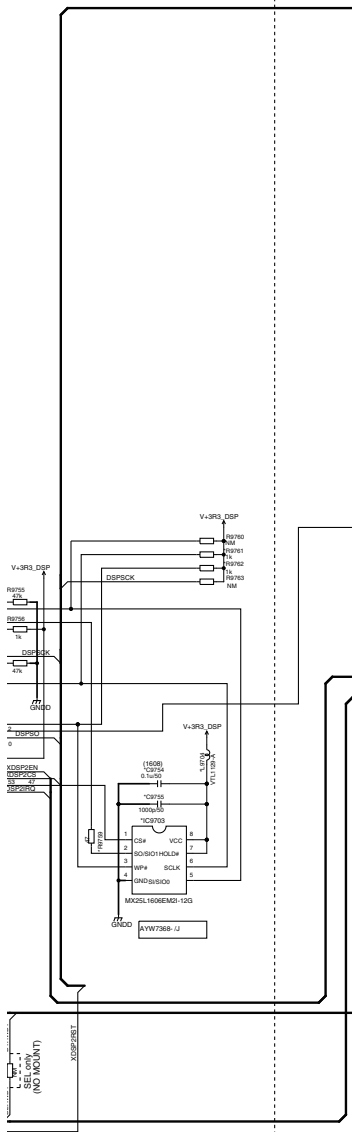
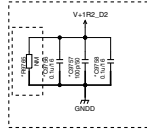
F 8/11

F 7/11

F 5/11 - 7/11

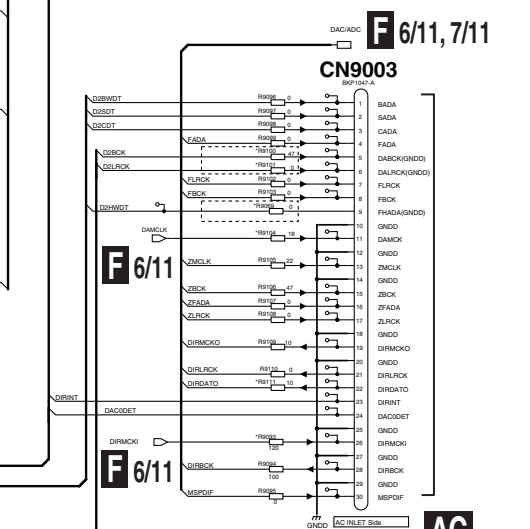
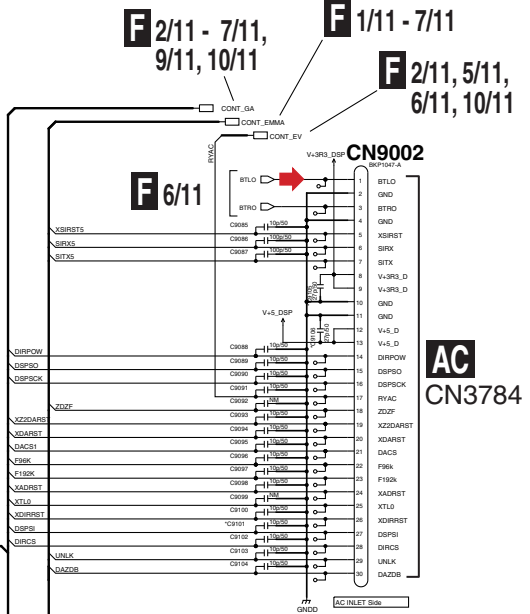
F 8/11 DIGITAL MAIN ASSY (8/11)
 (SC-57 : AWX9827)
 (SC-55/SC-1526-K : AWX9824)

AWX9824(MA_SV,1)
10p50
10p50
10p50
5.1u50
1000p50
0
0
10
47
0
10
10
10
NM
NM
NM
0
47k
1k
47k
1k
1k
YSL1128-A
MX2SL160EMQ120



➔ : Audio Signal Route

NOTE
 1. NM : NO MOUNT

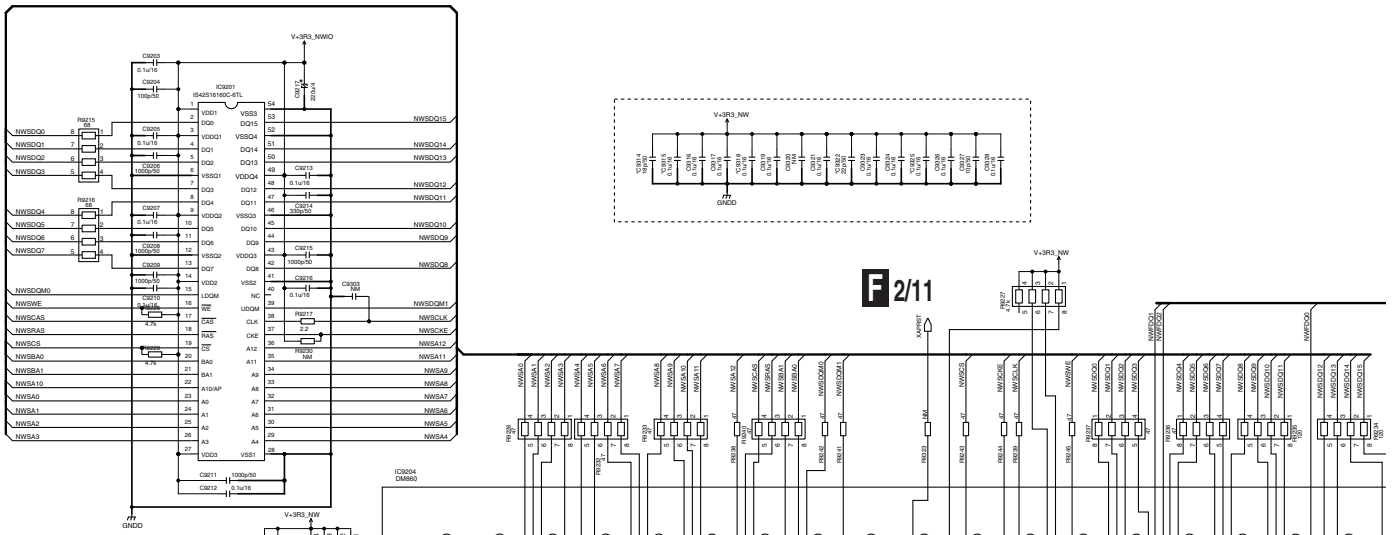


F 1/11, 3/11, 5/11 - 7/11

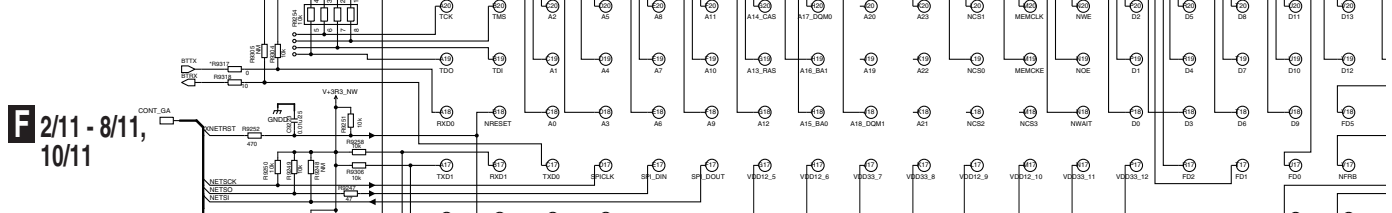
10.16 DIGITAL MAIN ASSY (9/11)

1 2 3 4

A

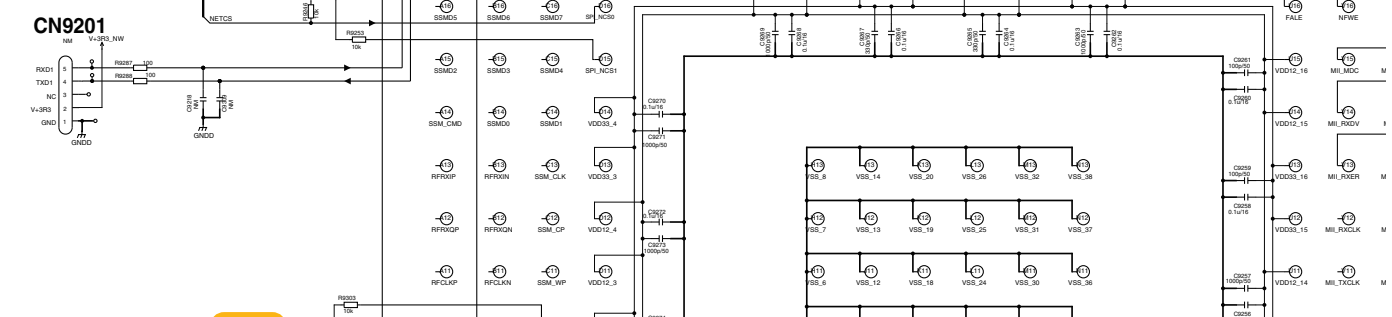


B

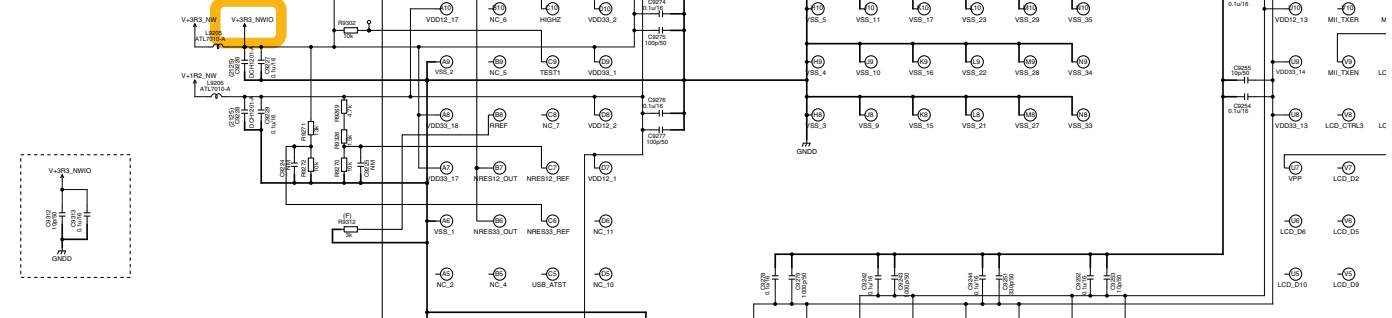


F 2/11 - 8/11, 10/11

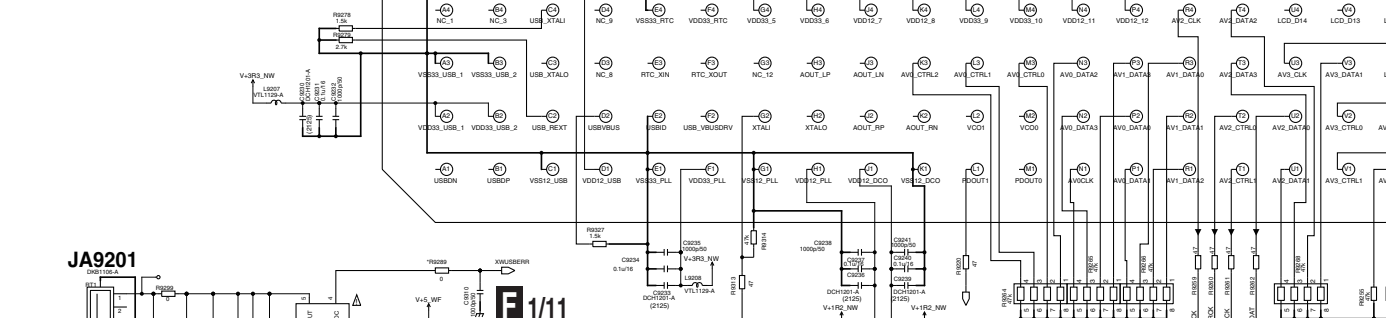
C



D



E



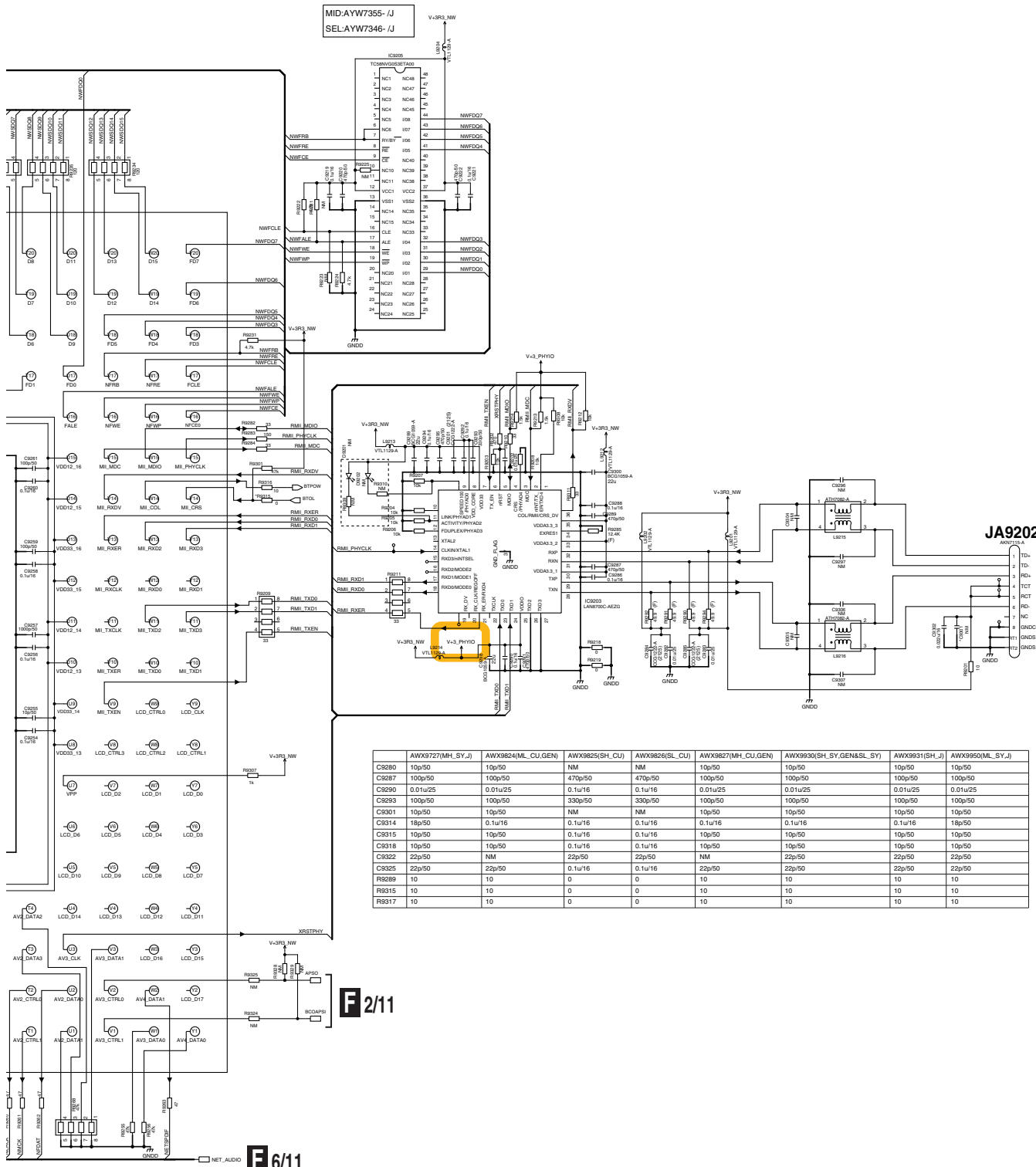
F



F 9/11

1 2 3 4

F_{9/11} DIGITAL MAIN ASSY (9/11)
 (SC-57 : AWX9827)
 (SC-55/SC-1526-K : AWX9824)



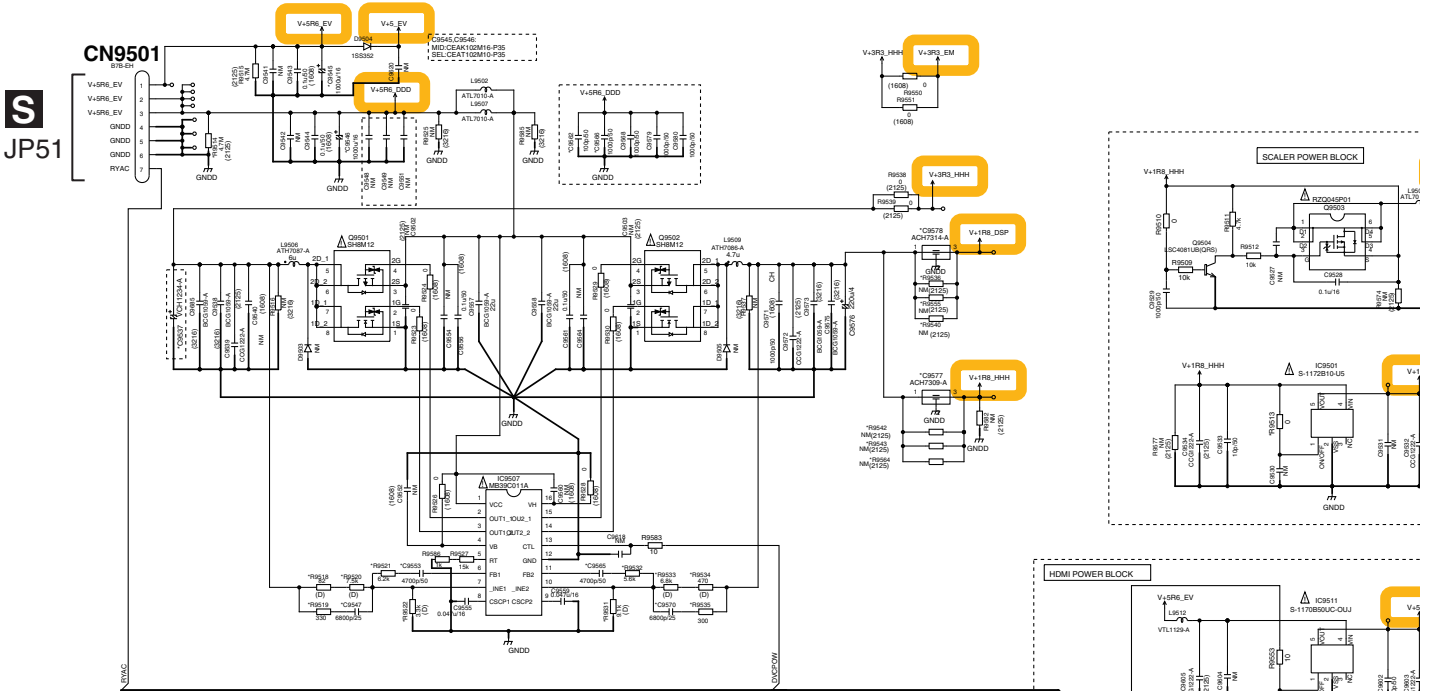
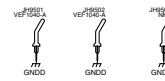
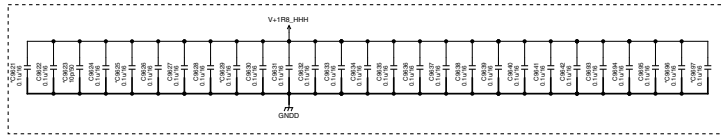
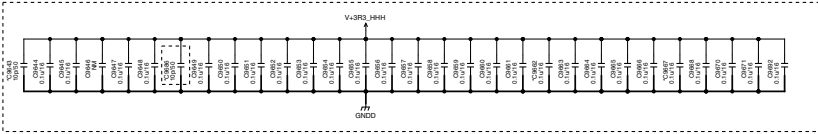
The Δ mark found on some component parts requires be replaced with same parts (safety regulation authorized) of identical designation.

NOTE
 1. NM : NO MOUNT

All 1u/16 is DCH1246-A.

10.17 DIGITAL MAIN ASSY (10/11)

F10/11 DIGITAL MAIN ASSY (10/11) (SC-57 : AWX9827) (SC-55/SC-1526-K: AWX9824)



	AWX9727(MH_SY_J)	AWX9824(ML_CU_GEN)	AWX9825(SH_CU)	AWX9826(SL_CU)	AWX9827(MH_CU_GEN)	AWX9830(SH_SY_GEN1SL_SY)	AWX9931(SH_J)	AWX9950(ML_SY_J)
C8537	VCH1234-A	NM	NM	NM	VCH1234-A	NM	NM	NM
C8545	1000u/16	1000u/16	1000u/10	1000u/10	1000u/16	1000u/10	1000u/10	1000u/16
C8546	1000u/16	1000u/16	1000u/10	1000u/10	1000u/16	1000u/10	1000u/10	1000u/16
C8547	6800p/25	1000p/50	1000p/50	1000p/50	6800p/25	1000p/50	1000p/50	1000p/50
C8553	4700p/50	1000p/50	1000p/50	1000p/50	4700p/50	1000p/50	1000p/50	1000p/50
C8562	100p/50	100p/50	1000p/50	1000p/50	100p/50	NM	100p/50	NM
C8565	4700p/50	1500p/50	1500p/50	1500p/50	1500p/50	1500p/50	1500p/50	1500p/50
C8566	10p/50	10p/50	1000p/50	1000p/50	10p/50	10p/50	10p/50	10p/50
C8570	6800p/25	1000p/50	1000p/50	1000p/50	1000p/50	1000p/50	1000p/50	6800p/25
C8577	ACH7309-A	NM	NM	NM	NM	NM	NM	ACH7309-A
C8578	ACH7314-A	NM	NM	NM	NM	NM	NM	ACH7314-A
C8621	0.1u/16	100p/50	0.1u/16	100p/50	0.1u/16	0.1u/16	0.1u/16	0.1u/16
C8623	10p/50	10p/50	0.1u/16	0.1u/16	10p/50	10p/50	10p/50	10p/50
C8625	10p/50	10p/50	0.1u/16	0.1u/16	10p/50	10p/50	10p/50	10p/50
C8629	10p/50	10p/50	0.1u/16	0.1u/16	10p/50	10p/50	10p/50	10p/50
C8643	10p/50	10p/50	0.1u/16	0.1u/16	10p/50	10p/50	10p/50	10p/50
C8662	100p/50	1000p/50	0.1u/16	0.1u/16	100p/50	100p/50	100p/50	100p/50
C8667	10p/50	10p/50	0.1u/16	0.1u/16	10p/50	10p/50	10p/50	10p/50
C8668	10p/50	NM	NM	NM	10p/50	NM	NM	10p/50
C8696	22p/50	22p/50	0.1u/16	0.1u/16	22p/50	22p/50	22p/50	22p/50
C8697	100p/50	100p/50	0.1u/16	0.1u/16	100p/50	100p/50	100p/50	100p/50
R8514	3.6M	4.7M	4.7M	4.7M	3.6M	3.6M	3.6M	3.6M
R8518	82	1.5k	1.5k	1.5k	82	1.5k	1.5k	1.5k
R8519	330	1.5k	1.5k	1.5k	330	1.5k	1.5k	1.5k
R8520	7.5k	33k	33k	33k	7.5k	33k	33k	33k
R8521	8.2k	16k	16k	16k	8.2k	16k	16k	16k
R8522	3.3k	15k	15k	15k	3.3k	15k	15k	15k
R8531	9.1k	33k	33k	33k	33k	33k	33k	9.1k
R8532	5.6k	12k	12k	12k	5.6k	12k	12k	5.6k
R8533	6.8k	24k	24k	24k	24k	24k	24k	6.8k
R8534	470	2.4k	2.4k	2.4k	2.4k	2.4k	2.4k	470
R8535	300	1.1k	1.1k	1.1k	1.1k	1.1k	1.1k	300
R8536	NM	0	0	0	0	0	0	NM
R8540	NM	0	0	0	0	0	0	NM
R8542	NM	0	0	0	0	0	0	NM
R8543	NM	0	0	0	0	0	0	NM
R8555	NM	0	0	0	0	0	0	NM
R8564	NM	0	0	0	0	0	0	NM

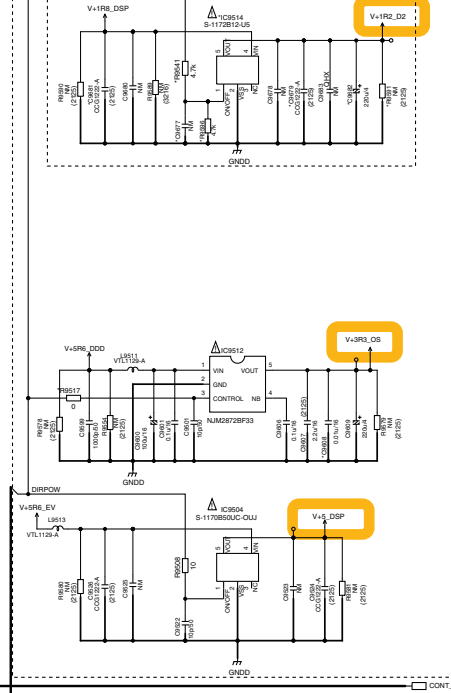
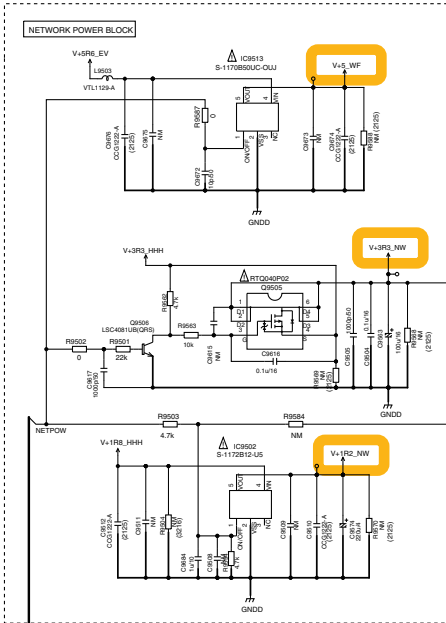
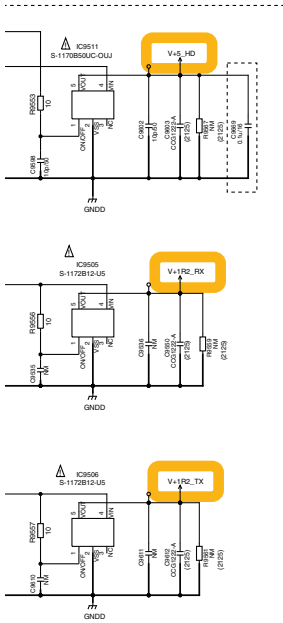
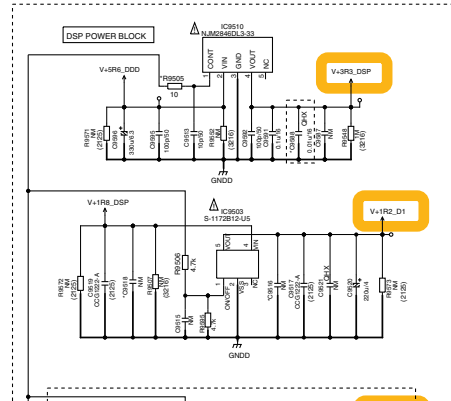
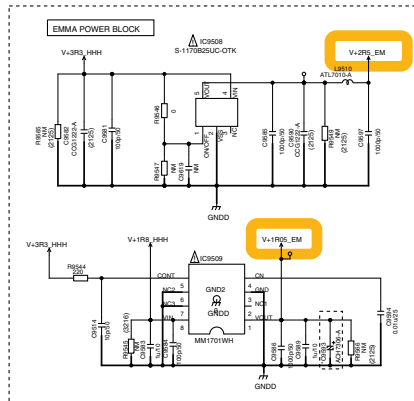
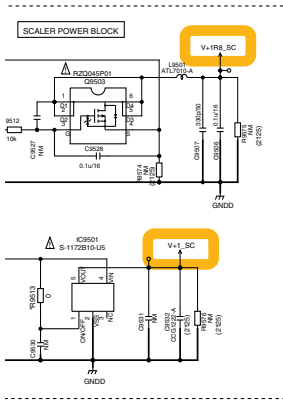
F10/11

	AWX9727(MH_SY,J)	AWX9824(ML_CU_GEN)	AWX9825(SH_CU)	AWX9826(SL_CU)	AWX9827(MH_CU_GEN)	AWX9930(SH_SY_GEN&SL_SY)	AWX9931(SH_J)	AWX9950(ML_SY,J)
C9516	10p/50	10p/50	NM	NM	10p/50	10p/50	10p/50	10p/50
C9518	NM	NM	NM	NM	NM	33p/50	NM	NM
C9588	0.01u/16	NM	NM	NM	0.01u/16	NM	NM	NM
C9593	ACH7305-A	NM	NM	NM	ACH7305-A	NM	NM	NM
C9608	0.01u/16	NM	NM	NM	0.01u/16	10p/50	10p/50	0.01u/16
C9677	NM	NM	NM	NM	NM	NM	NM	NM
C9679	CDG1222-A	CDG1222-A	NM	NM	CDG1222-A	NM	NM	CDG1222-A
C9881	CDG1222-A	CDG1222-A	NM	NM	CDG1222-A	NM	NM	CDG1222-A
C9882	220u/4	220u/4	NM	NM	220u/4	NM	NM	220u/4
R9505	10	10	10	10	10	22	10	10
R9513	0	10	0	0	10	0	0	0
R9517	10	0	0	0	10	10	10	10
R9541	4.7k	4.7k	NM	NM	4.7k	NM	NM	4.7k
R9591	NM	NM	NM	NM	NM	0	NM	0
R9596	4.7k	4.7k	NM	NM	4.7k	NM	NM	4.7k
IC9514	S-1172B12-US	S-1172B12-US	NM	NM	S-1172B12-US	NM	NM	S-1172B12-US

All 1u/10 is DCH1246-A.
CDG1222-A is 4.7u/25.

The Δ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

NOTE
1. NM : NO MOUNT



F 2/11, 5/11, 6/11, 8/11

F 2/11 - 9/11

F 10/11

10.18 DIGITAL MAIN ASSY (11/11)

F 11/11 DIGITAL MAIN ASSY (11/11) SC-57 : AWX9827) (SC-55/SC-1526-K: AWX9824)

REGION TABLE for DIGITAL MAIN ASSY (5/11)

	AWX927(MH_SY.J)	AWX9824(ML_CU.GEN)	AWX9825(SH_CU)	AWX9826(SL_CU)	AWX9827(MH_CU.GEN)	AWX9930(SH_SY.GEN&SL_SY)	AWX9931(SH_J)	AWX9950(ML_SY.J)
C1602	100p/50	100p/50	100p/50	NM	100p/50	100p/50	100p/50	100p/50
C1606	DCH1201-A	DCH1201-A	DCH1201-A	NM	DCH1201-A	DCH1201-A	DCH1201-A	DCH1201-A
C1618	1u/10	1u/10	1u/10	NM	1u/10	1u/10	1u/10	1u/10
C1619	470p/50	470p/50	470p/50	NM	470p/50	470p/50	470p/50	470p/50
C1620	1u/10	1u/10	1u/10	NM	1u/10	1u/10	1u/10	1u/10
C1621	470p/50	470p/50	470p/50	NM	470p/50	470p/50	470p/50	470p/50
C1622	1u/10	1u/10	1u/10	NM	1u/10	1u/10	1u/10	1u/10
C1623	330p/50	330p/50	330p/50	NM	330p/50	330p/50	330p/50	330p/50
C1624	0.1u/16	0.1u/16	0.1u/16	NM	0.1u/16	0.1u/16	0.1u/16	0.1u/16
C1625	470p/50	470p/50	470p/50	NM	470p/50	470p/50	470p/50	470p/50
C1626	1u/10	1u/10	1u/10	NM	1u/10	1u/10	1u/10	1u/10
C1627	470p/50	470p/50	470p/50	NM	470p/50	470p/50	470p/50	470p/50
C1629	100p/50	100p/50	100p/50	NM	100p/50	100p/50	100p/50	100p/50
C1631	0.1u/16	0.1u/16	0.1u/16	NM	0.1u/16	0.1u/16	0.1u/16	0.1u/16
C1635	0.1u/16	0.1u/16	0.1u/16	NM	0.1u/16	0.1u/16	0.1u/16	0.1u/16
C1638	100p/50	100p/50	100p/50	NM	100p/50	100p/50	100p/50	100p/50
C1639	470p/50	470p/50	470p/50	NM	470p/50	470p/50	470p/50	470p/50
C1642	0.1u/16	0.1u/16	0.1u/16	NM	0.1u/16	0.1u/16	0.1u/16	0.1u/16
C1643	0.1u/16	0.1u/16	0.1u/16	NM	0.1u/16	0.1u/16	0.1u/16	0.1u/16
C1645	470p/50	470p/50	470p/50	NM	470p/50	470p/50	470p/50	470p/50
C1647	0.01u/25	0.01u/25	0.01u/25	NM	0.01u/25	0.01u/25	0.01u/25	0.01u/25
C1649	100p/50	100p/50	100p/50	NM	100p/50	100p/50	100p/50	100p/50
C1656	DCH1201-A	DCH1201-A	DCH1201-A	NM	DCH1201-A	DCH1201-A	DCH1201-A	DCH1201-A
C1657	1u/10	1u/10	1u/10	NM	1u/10	1u/10	1u/10	1u/10
C1658	470p/50	470p/50	470p/50	NM	470p/50	470p/50	470p/50	470p/50
C1659	0.1u/16	0.1u/16	0.1u/16	NM	0.1u/16	0.1u/16	0.1u/16	0.1u/16
C1660	1000p/50	1000p/50	1000p/50	NM	1000p/50	1000p/50	1000p/50	1000p/50
C1661	100p/50	100p/50	100p/50	NM	100p/50	100p/50	100p/50	100p/50
C1663	1000p/50	1000p/50	1000p/50	NM	1000p/50	1000p/50	1000p/50	1000p/50
C1665	100u/16	100u/16	100u/16	NM	100u/16	100u/16	100u/16	100u/16
C1667	470p/50	470p/50	470p/50	NM	470p/50	470p/50	470p/50	470p/50
C1671	10p/50	10p/50	10p/50	NM	10p/50	10p/50	10p/50	10p/50
C1672	ACH7306-A	NM	NM	NM	ACH7306-A	NM	NM	NM
C1673	ACH7306-A	NM	NM	NM	ACH7306-A	NM	NM	NM
C1675	VCG1066-A	VCG1066-A	VCG1066-A	NM	VCG1066-A	VCG1066-A	VCG1066-A	VCG1066-A
C1677	VCG1066-A	VCG1066-A	VCG1066-A	NM	VCG1066-A	VCG1066-A	VCG1066-A	VCG1066-A
C1679	VCG1066-A	VCG1066-A	VCG1066-A	NM	VCG1066-A	VCG1066-A	VCG1066-A	VCG1066-A
C1681	VCG1066-A	VCG1066-A	VCG1066-A	NM	VCG1066-A	VCG1066-A	VCG1066-A	VCG1066-A
C1684	VCG1066-A	VCG1066-A	VCG1066-A	NM	VCG1066-A	VCG1066-A	VCG1066-A	VCG1066-A
C1687	VCG1066-A	VCG1066-A	VCG1066-A	NM	VCG1066-A	VCG1066-A	VCG1066-A	VCG1066-A
C1688	1u/16	1u/16	1u/16	NM	1u/16	1u/16	1u/16	1u/16
C1690	VCG1066-A	VCG1066-A	VCG1066-A	NM	VCG1066-A	VCG1066-A	VCG1066-A	VCG1066-A
C1692	VCG1066-A	VCG1066-A	VCG1066-A	NM	VCG1066-A	VCG1066-A	VCG1066-A	VCG1066-A
C1694	1u/16	1u/16	1u/16	NM	1u/16	1u/16	1u/16	1u/16
C1698	10p/50	10p/50	10p/50	NM	10p/50	10p/50	10p/50	10p/50
C1699	330p/50	330p/50	330p/50	NM	330p/50	330p/50	330p/50	330p/50
C1700	0.1u/16	0.1u/16	0.1u/16	NM	0.1u/16	0.1u/16	0.1u/16	0.1u/16
C1703	100p/50	100p/50	100p/50	NM	100p/50	100p/50	100p/50	100p/50
R1610	22	22	22	NM	22	22	22	22
R1624	47	47	47	NM	47	47	47	47
R1627	10	10	10	NM	10	10	10	10
R1632	4.7k	4.7k	4.7k	NM	4.7k	4.7k	4.7k	4.7k
R1635	10	10	10	NM	10	10	10	10
R1639	10	10	10	NM	10	10	10	10
R1641	10	10	10	NM	10	10	10	10
R1644	10	10	10	NM	10	10	10	10
R1647	1k	1k	1k	NM	1k	1k	1k	1k
R1649	470	470	470	NM	470	470	470	470
R1651	4.7k	4.7k	4.7k	NM	4.7k	4.7k	4.7k	4.7k
R1653	1.8k	1.8k	1.8k	NM	1.8k	1.8k	1.8k	1.8k
R1655	1.8k	1.8k	1.8k	NM	1.8k	1.8k	1.8k	1.8k
R1664	1.2k	1.2k	1.2k	NM	1.2k	1.2k	1.2k	1.2k
R1665	15k	15k	15k	NM	15k	15k	15k	15k
R1670	47k	47k	47k	NM	47k	47k	47k	47k
R1672	0	0	0	NM	0	0	0	0
R1679	0	0	0	NM	0	0	0	0
R1681	10	10	10	NM	10	10	10	10
R1686	10	10	10	NM	10	10	10	10
R1687	10	10	10	NM	10	10	10	10
R1688	10	10	10	NM	10	10	10	10
R1689	10	10	10	NM	10	10	10	10
L1602	VTL1129-A	VTL1129-A	VTL1129-A	NM	VTL1129-A	VTL1129-A	VTL1129-A	VTL1129-A
L1606	VTL1129-A	VTL1129-A	VTL1129-A	NM	VTL1129-A	VTL1129-A	VTL1129-A	VTL1129-A
L1608	ATL7010-A	ATL7010-A	ATL7010-A	NM	ATL7010-A	ATL7010-A	ATL7010-A	ATL7010-A
L1613	ATH7064-A	ATH7064-A	ATH7064-A	NM	ATH7064-A	ATH7064-A	ATH7064-A	ATH7064-A
L1614	ATH7064-A	ATH7064-A	ATH7064-A	NM	ATH7064-A	ATH7064-A	ATH7064-A	ATH7064-A
L1615	ATH7064-A	ATH7064-A	ATH7064-A	NM	ATH7064-A	ATH7064-A	ATH7064-A	ATH7064-A
L1616	ATH7064-A	ATH7064-A	ATH7064-A	NM	ATH7064-A	ATH7064-A	ATH7064-A	ATH7064-A
L1619	CTF1528-A	CTF1528-A	CTF1528-A	NM	CTF1528-A	CTF1528-A	CTF1528-A	CTF1528-A
IC1603	SI9136CTU	SI9136CTU	SI9136CTU	NM	SI9136CTU	SI9136CTU	SI9136CTU	SI9136CTU
IC1606	AAT4614AIGU-2	AAT4614AIGU-2	AAT4614AIGU-2	NM	AAT4614AIGU-2	AAT4614AIGU-2	AAT4614AIGU-2	AAT4614AIGU-2
IC1607	TC7SH32FUS1	TC7SH32FUS1	TC7SH32FUS1	NM	TC7SH32FUS1	TC7SH32FUS1	TC7SH32FUS1	TC7SH32FUS1
D1602	RKZ5_1KG(B2)	RKZ5_1KG(B2)	RKZ5_1KG(B2)	NM	RKZ5_1KG(B2)	RKZ5_1KG(B2)	RKZ5_1KG(B2)	RKZ5_1KG(B2)
JA1601	AKP7268-A	AKP7268-A	AKP7268-A	NM	AKP7268-A	AKP7268-A	AKP7268-A	AKP7268-A
TP1603	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT
TP1604	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT
TP1609	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT
TP1610	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT
TP1612	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT	TESTPOINT

REGION TABLE for DIGITAL MAIN ASSY (8/11)

	AWX927(MH_SY.J)	AWX9824(ML_CU.GEN)	AWX9825(SH_CU)	AWX9826(SL_CU)	AWX9827(MH_CU.GEN)	AWX9930(SH_SY.GEN&SL_SY)	AWX9931(SH_J)	AWX9950(ML_SY.J)
C9708	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9709	100p/50	100p/50	NM	NM	100p/50	NM	NM	100p/50
C9710	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9711	1000p/50	1000p/50	NM	NM	1000p/50	NM	NM	1000p/50
C9712	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9713	100p/50	100p/50	NM	NM	100p/50	NM	NM	100p/50
C9714	1000p/50	1000p/50	NM	NM	1000p/50	NM	NM	1000p/50
C9715	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9720	10p/50	10p/50	NM	NM	10p/50	NM	NM	10p/50
C9721	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9723	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9724	10p/50	10p/50	NM	NM	10p/50	NM	NM	10p/50
C9725	1000p/50	1000p/50	NM	NM	1000p/50	NM	NM	1000p/50
C9726	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9727	220u/4	220u/4	NM	NM	220u/4	NM	NM	220u/4
C9756	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9757	100p/50	100p/50	NM	NM	100p/50	NM	NM	100p/50
C9758	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
R9719	75	75	NM	NM	75	NM	NM	75
R9720	75	75	NM	NM	75	NM	NM	75
R9723	33	33	NM	NM	33	NM	NM	33
R9726	75	75	NM	NM	75	NM	NM	75
R9727	75	75	NM	NM	75	NM	NM	75
R9765	NM	NM	NM	NM	0	0	0	0
R9768	NM	NM	NM	NM	0	0	0	0
IC9701	IS42S16400F-6TL	IS42S16400F-6TL	NM	NM	IS42S16400F-6TL	NM	NM	IS42S16400F-6TL



REGION TABLE for DIGITAL MAIN ASSY (6/11)

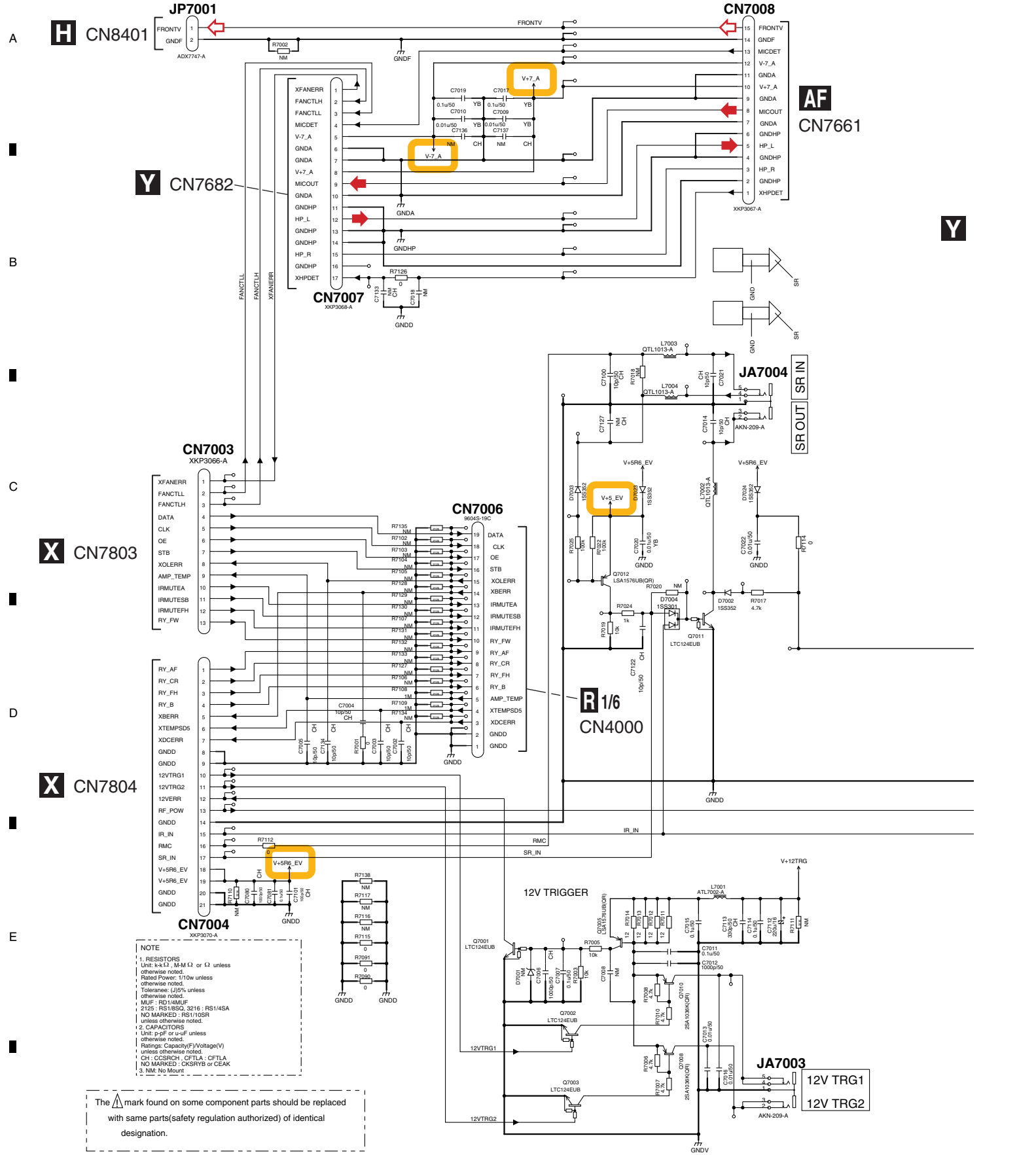
	AWX927(MH_SY,J)	AWX9824(ML_CU,GEN)	AWX9825(SH_CU)	AWX9826(SL_CU)	AWX9827(MH_CU,GEN)	AWX9930(SH_SY,GEN&SL_SY)	AWX9931(SH_J)	AWX9950(ML_SY,J)
C1509	1000u/16	1000u/16	1000u/10	1000u/10	1000u/16	1000u/10	1000u/10	1000u/16
C1518	10p/50	10p/50	NM	NM	10p/50	NM	NM	10p/50
C1533	100p/50	100p/50	NM	NM	100p/50	100p/50	100p/50	100p/50
C1545	NM	NM	NM	NM	NM	220p/50	NM	220p/50
C1546	NM	NM	NM	NM	NM	220p/50	NM	220p/50
C1820	100p/50	100p/50	330p/50	330p/50	100p/50	100p/50	100p/50	100p/50
C1824	100p/50	100p/50	470p/50	470p/50	100p/50	100p/50	100p/50	100p/50
C1835	220p/50	220p/50	470p/50	470p/50	220p/50	470p/50	470p/50	220p/50
C1836	47u/16	NM	NM	NM	47u/16	NM	NM	NM
C1847	100u/16	NM	NM	NM	100u/16	NM	100u/16	100u/16
C1852	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C1853	330p/50	330p/50	NM	NM	330p/50	NM	NM	330p/50
C1855	270p/50	270p/50	330p/50	330p/50	270p/50	270p/50	270p/50	270p/50
R1506	NM	NM	NM	NM	NM	NM	0	0
R1512	10	10	0	0	10	10	10	10
R1513	10	10	0	0	10	10	10	10
R1514	NM	NM	NM	NM	NM	NM	0	0
R1518	NM	NM	NM	NM	NM	NM	0	0
R1523	10	10	0	0	10	10	NM	10
R1545	10	10	0	0	10	10	NM	10
R1546	10	10	0	0	10	10	NM	10
R1801	100	100	NM	NM	100	NM	NM	100
R1803	47k	47k	100k	100k	47k	47k	47k	47k
R1804	15	10	10	10	15	10	10	15
R1834	82	100	100	100	100	82	100	82
R1835	82	100	100	100	100	82	100	82
R1836	NM	47	47	47	47	NM	NM	NM
R1880	NM	NM	0	0	NM	0	0	NM
R1881	NM	NM	0	0	NM	0	0	NM
R1897	100	100	NM	NM	100	NM	NM	100
R1898	100	100	NM	NM	100	NM	NM	100
R1899	150	150	NM	NM	150	NM	NM	150
R1900	0	0	NM	NM	0	NM	NM	0
R1901	100	100	NM	NM	100	NM	NM	100
R1902	150	150	NM	NM	150	NM	NM	150
R1905	8.2	10	10	10	10	8.2	10	8.2
R1912	470	470	NM	NM	470	NM	NM	470
R1913	150	150	NM	NM	150	NM	NM	150
R1914	1k	1k	NM	NM	1k	NM	NM	1k
R1915	150	150	NM	NM	150	NM	NM	150
R1924	NM	NM	0	0	NM	0	0	NM
R1925	NM	NM	0	0	NM	10	10	NM
R1940	100	100	47	47	100	47	100	100
R1971	100k	100k	NM	NM	100k	NM	NM	100k
L1801	VTL1128-A	NM	NM	NM	NM	VTL1128-A	VTL1128-A	VTL1128-A
L1814	VTL1129-A	VTL1129-A	NM	NM	VTL1129-A	NM	NM	VTL1129-A
IC1813	TC74VHC15/FK	TC74VHC15/FK	NM	NM	TC74VHC15/FK	NM	NM	TC74VHC15/FK
QT509	LTA124EUB	LTA124EUB	NM	NM	LTA124EUB	NM	NM	LTA124EUB

REGION TABLE for DIGITAL MAIN ASSY (8/11)

	AWX927(MH_SY,J)	AWX9824(ML_CU,GEN)	AWX9825(SH_CU)	AWX9826(SL_CU)	AWX9827(MH_CU,GEN)	AWX9930(SH_SY,GEN&SL_SY)	AWX9931(SH_J)	AWX9950(ML_SY,J)
C9702	VCH1234-A	100u/16	NM	NM	VCH1234-A	NM	NM	VCH1234-A
C9703	220u/4	220u/4	NM	NM	220u/4	NM	NM	220u/4
C9704	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9705	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9706	100p/50	100p/50	NM	NM	100p/50	NM	NM	100p/50
C9707	10p/50	10p/50	NM	NM	10p/50	NM	NM	10p/50
C9716	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9717	100p/50	100p/50	NM	NM	100p/50	NM	NM	100p/50
C9718	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9719	1000p/50	1000p/50	NM	NM	1000p/50	NM	NM	1000p/50
C9728	1u/10	1u/10	NM	NM	1u/10	NM	NM	1u/10
C9729	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9730	330p/50	330p/50	NM	NM	330p/50	NM	NM	330p/50
C9731	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9732	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9733	470p/50	470p/50	NM	NM	470p/50	NM	NM	470p/50
C9734	470p/50	470p/50	NM	NM	470p/50	NM	NM	470p/50
C9735	0.01u/25	0.01u/25	NM	NM	0.01u/25	NM	NM	0.01u/25
C9736	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9737	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9738	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9739	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9740	100p/50	100p/50	NM	NM	100p/50	NM	NM	100p/50
C9741	470p/50	470p/50	NM	NM	470p/50	NM	NM	470p/50
C9742	100p/50	220p/50	220p/50	220p/50	220p/50	220p/50	220p/50	100p/50
C9743	470p/50	470p/50	NM	NM	470p/50	NM	NM	470p/50
C9744	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9745	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9746	100p/50	100p/50	NM	NM	100p/50	NM	NM	100p/50
C9747	1000p/50	1000p/50	NM	NM	1000p/50	NM	NM	1000p/50
C9748	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9749	470p/50	470p/50	NM	NM	470p/50	NM	NM	470p/50
C9750	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9751	100p/50	470p/50	470p/50	470p/50	470p/50	470p/50	470p/50	100p/50
C9752	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C9753	470p/50	470p/50	NM	NM	470p/50	NM	NM	470p/50
C9759	NM	0.1u/16	0.1u/16	0.1u/16	0.1u/16	NM	NM	0.1u/16
C9760	470p/50	470p/50	NM	NM	470p/50	NM	NM	470p/50
R9701	47	47	NM	NM	47	NM	NM	47
R9702	0	0	NM	NM	0	NM	NM	0
R9707	NM	NM	0	0	NM	0	0	NM
R9708	NM	NM	0	0	NM	0	0	NM
R9709	NM	NM	0	0	NM	0	0	NM
R9714	22	22	NM	NM	22	NM	NM	22
R9715	22	22	NM	NM	22	NM	NM	22
R9716	22	22	NM	NM	22	NM	NM	22
R9717	22	22	NM	NM	22	NM	NM	22
R9718	22	22	NM	NM	22	NM	NM	22
R9721	0	0	NM	NM	0	NM	NM	0
R9722	47	47	NM	NM	47	NM	NM	47
R9724	47	47	NM	NM	47	NM	NM	47
R9725	47	47	NM	NM	47	NM	NM	47
R9728	47k	47k	NM	NM	47k	NM	NM	47k
R9729	47	47	NM	NM	47	NM	NM	47
R9730	470	470	NM	NM	470	NM	NM	470
R9731	10	10	NM	NM	10	NM	NM	10
R9733	47	47	NM	NM	47	NM	NM	47
R9734	47	47	NM	NM	47	NM	NM	47
R9735	47	47	NM	NM	47	NM	NM	47
R9736	47	47	NM	NM	47	NM	NM	47
R9737	47	47	NM	NM	47	NM	NM	47
R9738	47	47	NM	NM	47	NM	NM	47
R9739	22	22	NM	NM	22	NM	NM	22
R9740	56	56	NM	NM	56	NM	NM	56
R9741	22	22	NM	NM	22	NM	NM	22
R9742	100	100	NM	NM	100	NM	NM	100
R9743	47	47	NM	NM	47	NM	NM	47
R9744	47	47	NM	NM	47	NM	NM	47
R9746	100	100	NM	NM	100	NM	NM	100
R9747	100	100	NM	NM	100	NM	NM	100
R9748	100	100	NM	NM	100	NM	NM	100
R9758	1M	1M	NM	NM	1M	NM	NM	1M
R9764	1M	1M	NM	NM	1M	NM	NM	1M
R9766	NM	NM	NM	NM	NM	0	0	NM
R9767	NM	NM	NM	NM	NM	0	0	NM
R9769	NM	NM	NM	NM	NM	0	0	NM
R9770	NM	NM	NM	NM	NM	0	0	NM
L9701	ATL7010-A	ATL7010-A	NM	NM	ATL7010-A	NM	NM	ATL7010-A
L9702	ATL7010-A	ATL7010-A	NM	NM	ATL7010-A	NM	NM	ATL7010-A
L9703	VTL1128-A	VTL1128-A	NM	NM	VTL1128-A	NM	NM	VTL1128-A
L9705	VTL1128-A	VTL1128-A	NM	NM	VTL1128-A	NM	NM	VTL1128-A

10.19 INTERFACE ASSY

1 2 3 4



NOTE

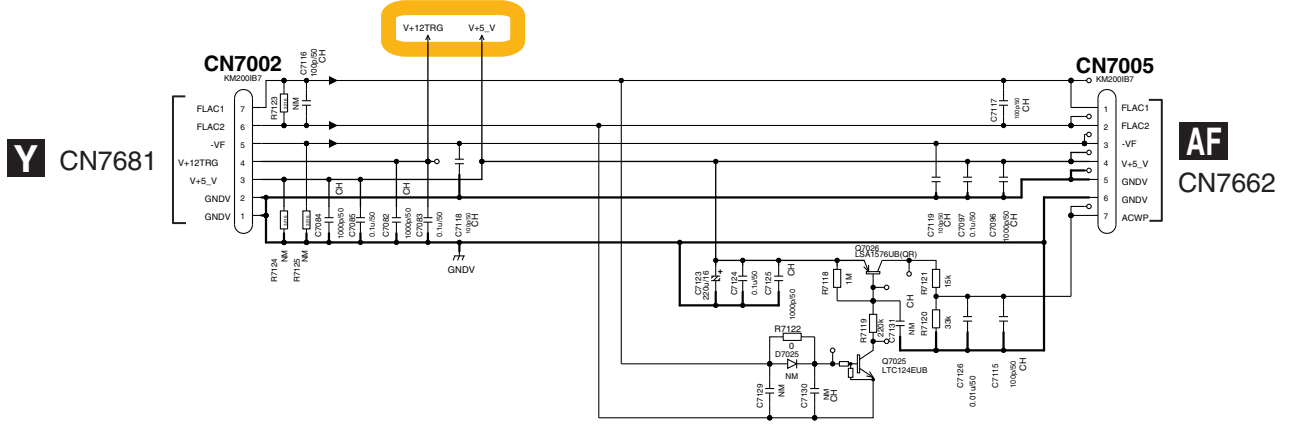
- RESISTORS
 - Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
 - Rated Power: 1/10w unless otherwise noted.
 - Tolerance: $\pm 5\%$ unless otherwise noted.
 - MJF: RD14MUF
 - C125: RS1/RSQ, 3216: RS1/4SA
 - NO MARKED: RS1/10SR unless otherwise noted.
- CAPACITORS
 - Unit: p-pF or μ -F unless otherwise noted.
 - Rated Power: 1/10w unless otherwise noted.
 - Tolerance: $\pm 5\%$ unless otherwise noted.
 - CH: CCSRCH, CFTLA: CFTLA
 - NO MARKED: CKSRYS or CEAK
 - 3: NM: No Mount

The Δ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

1 2 3 4

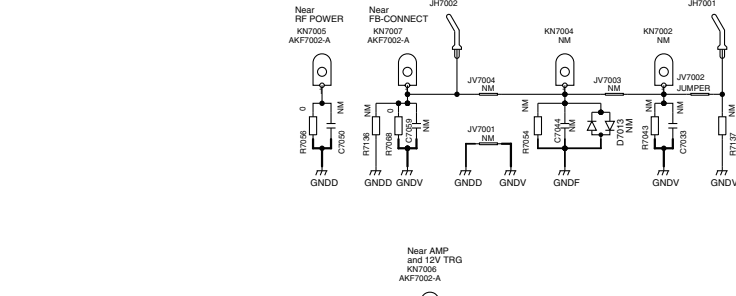
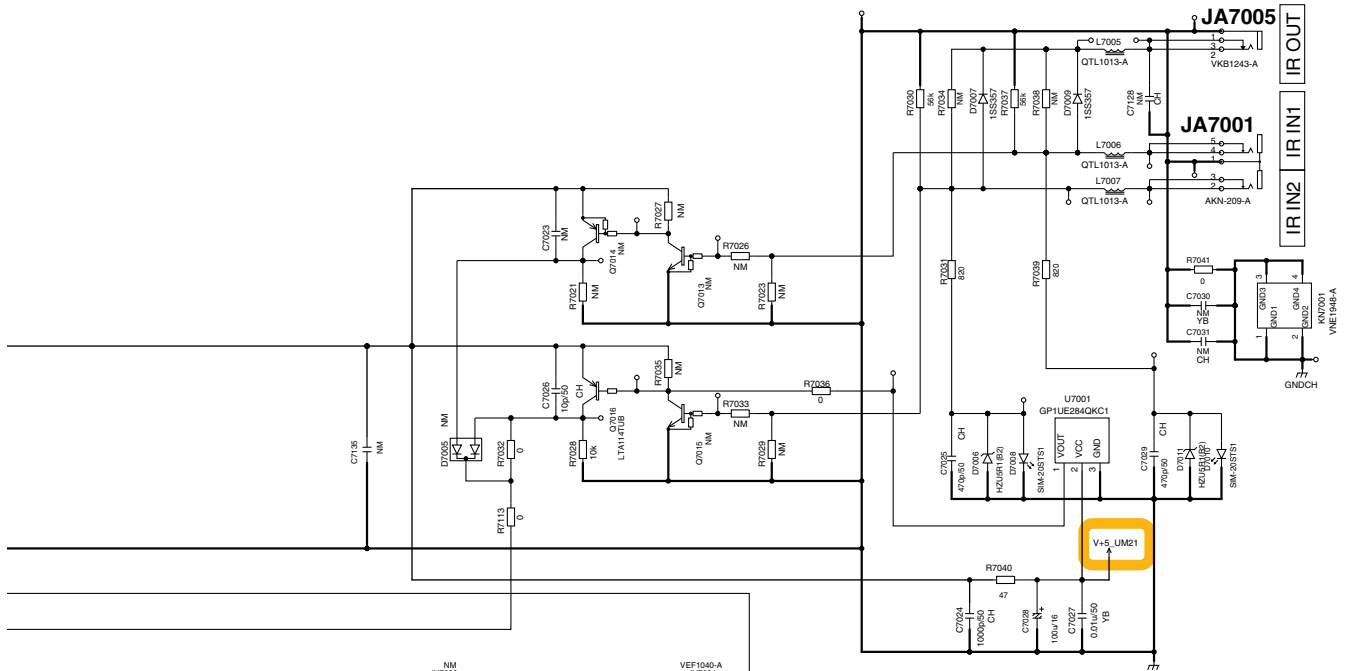
INTERFACE ASSY (AWX9805)

A
B
C
D
E
F



Y CN7681

AF CN7662



1
2

Video Signal Route
Audio Signal Route



10.20 COMPONENT ASSY

1

2

3

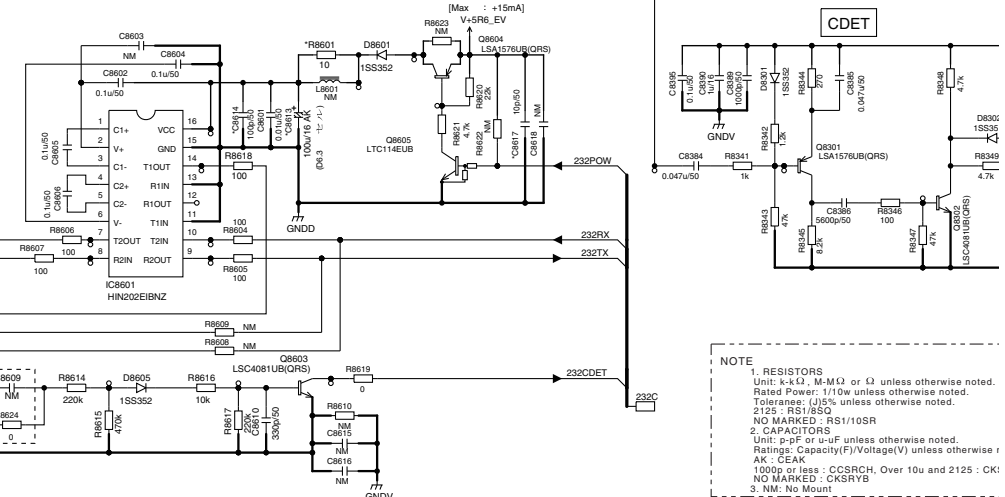
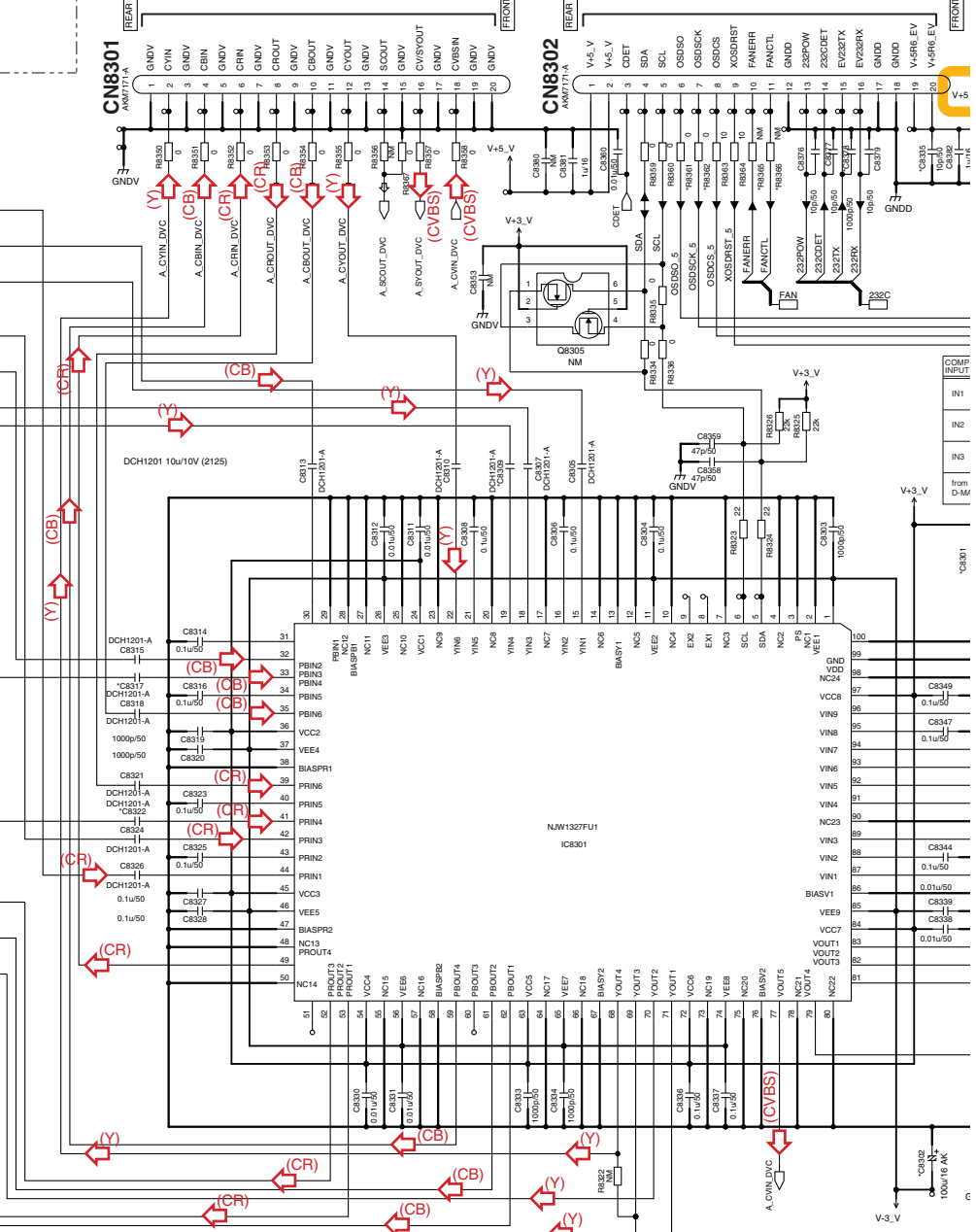
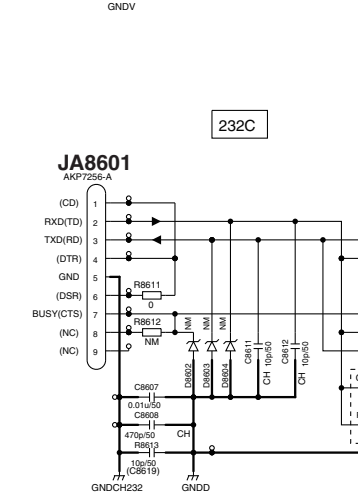
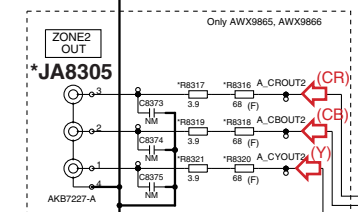
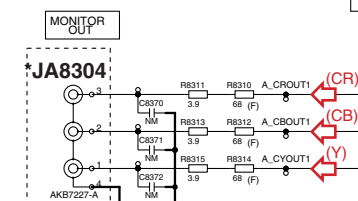
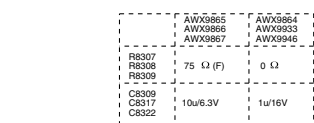
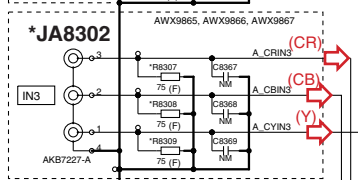
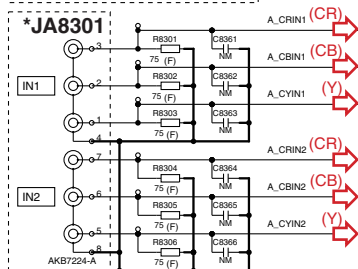
4

F 5/11 CN1723

F 5/11 CN1722

The Δ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

Only AWX9866, Use Gold Pinpack
 JA8301 : AKB7222-A
 JA8302, JA8304, JA8305 : AKB7222-A



NOTE

- RESISTORS
 Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
 Rated Power: 1/10w unless otherwise noted.
 Tolerance: (J)5% unless otherwise noted.
 NO MARKED : RS1/10SR
- CAPACITORS
 Unit: p-pF or u-uF unless otherwise noted.
 Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
 AK: CEAF
 100pF or less : CCSRCH, Over 10u and 2125 : CK1
 NO MARKED : CKSRBY
 Δ : NM: No Mount

1

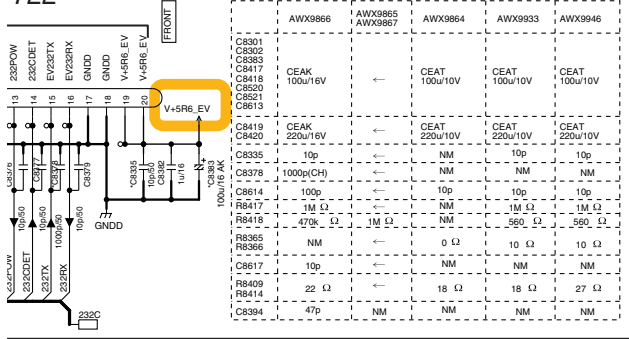
2

3

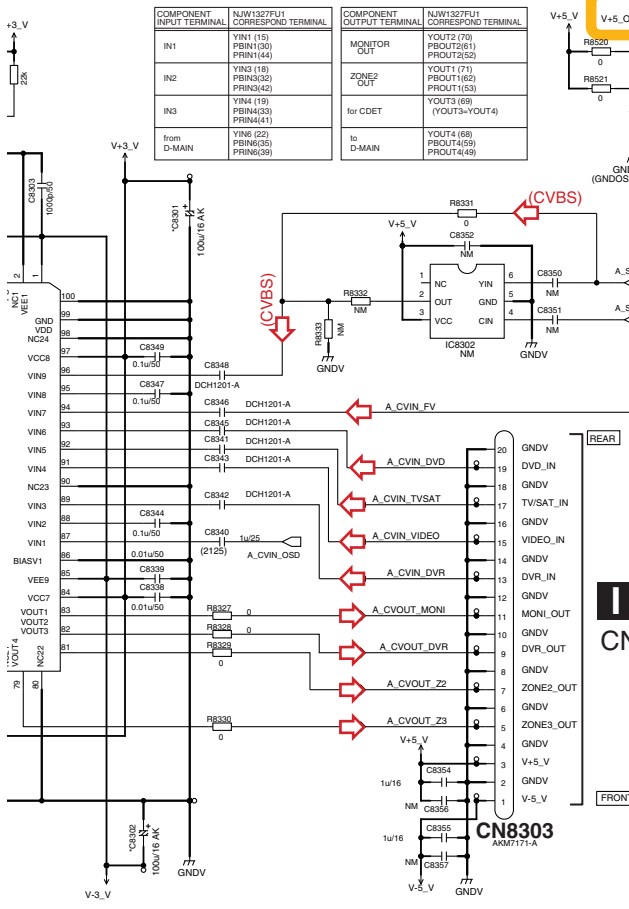
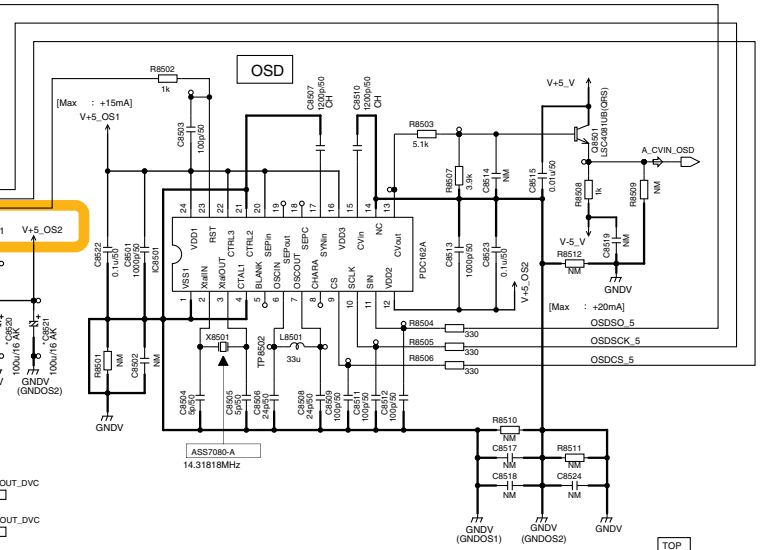
4

722

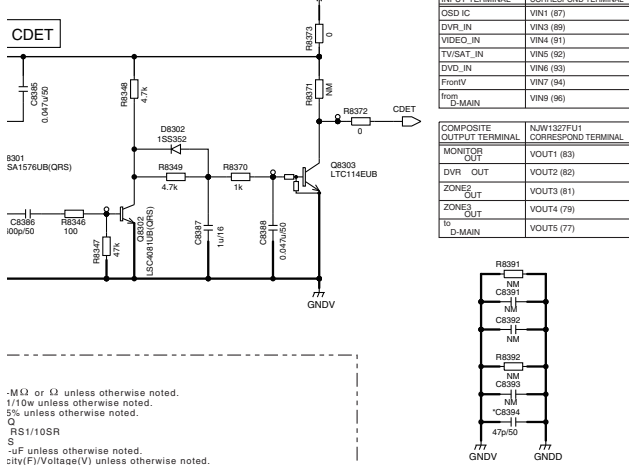
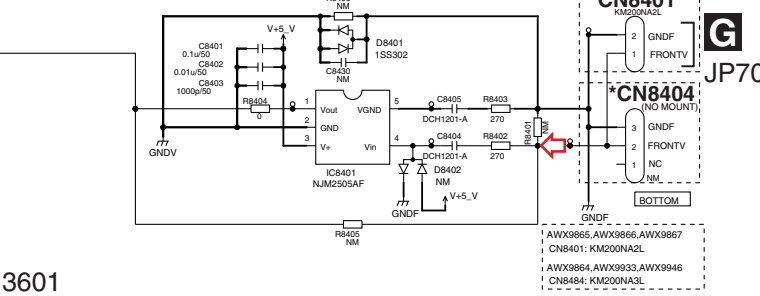
COMPONENT ASSY
(SC-57 :AWX9866)
(SC-55/SC-1526-K:AWX9865)



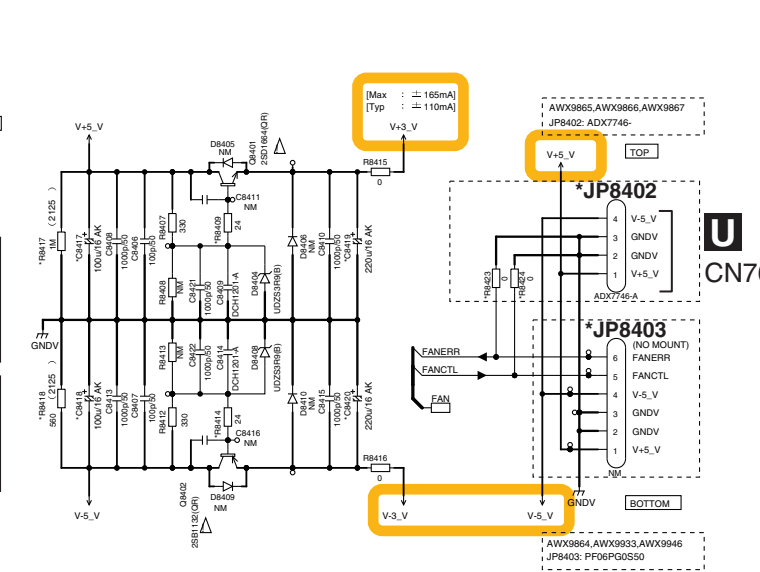
AWX9866	AWX9865 AWX9867	AWX9864	AWX9833	AWX9846
C8301 C8302 C8303 C8418 C8417 C8321 C8613	←	←	←	←
CEAK 100u/16V	←	←	←	←
CEAT 100u/10V	←	←	←	←
C8419 C8420 C8335 C8378 C8614 R8417 R8418 R8365 R8366 C8617 R8409 R8414 C8384	←	←	←	←
CEAK 220u/16V	←	←	←	←
CEAT 220u/10V	←	←	←	←
10p	←	←	←	←
1000p(CH)	←	←	←	←
100p	←	←	←	←
1M Ω	←	←	←	←
470k Ω	←	←	←	←
NM	←	←	←	←
0 Ω	←	←	←	←
10 Ω	←	←	←	←
10 Ω	←	←	←	←
27 Ω	←	←	←	←
47p	←	←	←	←
NM	←	←	←	←
NM	←	←	←	←
NM	←	←	←	←
NM	←	←	←	←



COMPONENT INPUT TERMINAL	NJW1327FU1 CORRESPOND TERMINAL	COMPONENT OUTPUT TERMINAL	MONITOR CORRESPOND TERMINAL
IN1	YIN1(15) PBIN1(30) PRIN1(44)	MONITOR OUT	YOUT2(79) PROUT2(61) PROUT2(52)
IN2	YIN3(18) PBIN3(32) PRIN3(42)	ZONE2 OUT	YOUT1(71) PROUT1(62) PROUT1(53)
IN3	YIN6(23) PBIN4(33) PRIN4(41)	for CEDET	YOUT3(69) (YOUT3-YOUT4)
	YIN4(19) PBIN4(33) PRIN4(41)	to D-MAIN	YOUT4(68) PROUT4(49) PROUT4(59)
	YIN6(35) PRIN6(39)		



COMPOSITE INPUT TERMINAL	NJW1327FU1 CORRESPOND TERMINAL
OSD IC	VIN1(87)
DVR_IN	VIN3(89)
VIDEO_IN	VIN4(91)
TV/SAT_IN	VIN5(83)
DVD_IN	VIN6(93)
FrontV	VIN7(94)
from D-MAIN	VIN9(95)
COMPOSITE OUTPUT TERMINAL	NJW1327FU1 CORRESPOND TERMINAL
MONITOR OUT	VOUT1(83)
DVR_OUT	VOUT2(82)
ZONE2 OUT	VOUT3(81)
ZONE3 OUT	VOUT4(79)
to D-MAIN	VOUT5(77)



-MΩ or Ω unless otherwise noted.
 1/10u unless otherwise noted.
 5% unless otherwise noted.
 RS1/10SR
 -uF unless otherwise noted.
 city(F)/Voltage(V) unless otherwise noted.
 : CCSRCH, Over 10u and 2125 : CKSOYB
 CKSRYB

[PCB : ANP7788]

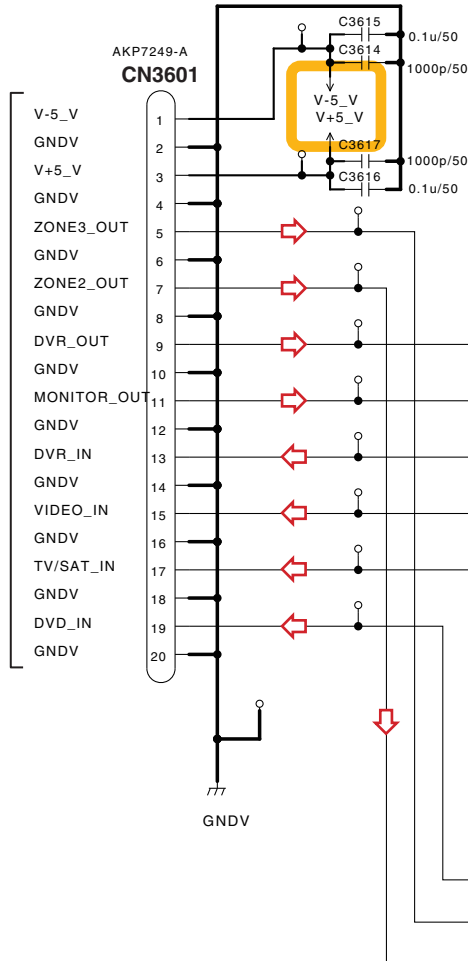
- (CVBS) : Video Signal Route
- (CB) : Video Signal Route
- (CR) : Video Signal Route
- (CS) : Video Signal Route
- (CS) : Video Signal Route



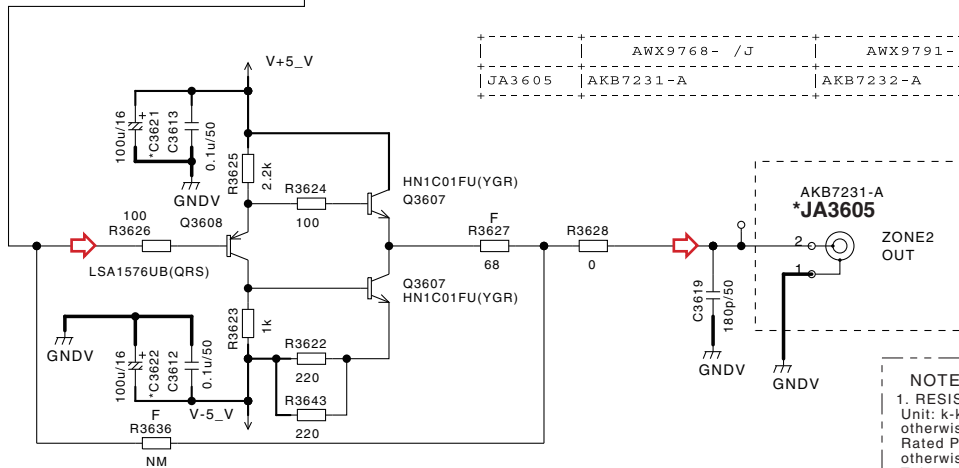
10.21 COMPOSITE ASSY

	AWX9768- /J	AWX9791- /J	AWX9836- /J
JA3601	AKB7229-A	AKB7230-A	AKB7229-A
JA3602	AKB7229-A	AKB7230-A	AKB7229-A
JA3603	AKB7229-A	AKB7230-A	AKB7229-A

	AWX9768- /J	AWX9791- /J	AWX9836- /J
C3608	NM	0.1u/16	0.1u/50
C3610	NM	0.1u/16	0.1u/50
C3618	NM	180p/50	180p/50
R3615	NM	0	0
R3616	NM	68	68
R3617	NM	1k	1k
R3618	NM	100	100
R3619	NM	100	100
R3620	NM	2.2k	2.2k
R3621	NM	220	220
R3635	NM	NM	NM
R3644	NM	220	220
JA3604	NM	AKB7232-A	AKB7231-A
Q3605	NM	LSA1576UB (QR)	LSA1576UB (QRS)
Q3606	NM	HN1C01FU (YGR)	HN1C01FU (YGR)



	AWX9768- /J	AWX9791- /J	AWX9836- /J
JA3605	AKB7231-A	AKB7232-A	AKB7231-A



NOTE

- RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated Power: 1/10w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
- CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
CH : CCSRCH
NO MARKED : CKSRYB
- NM: No Mount

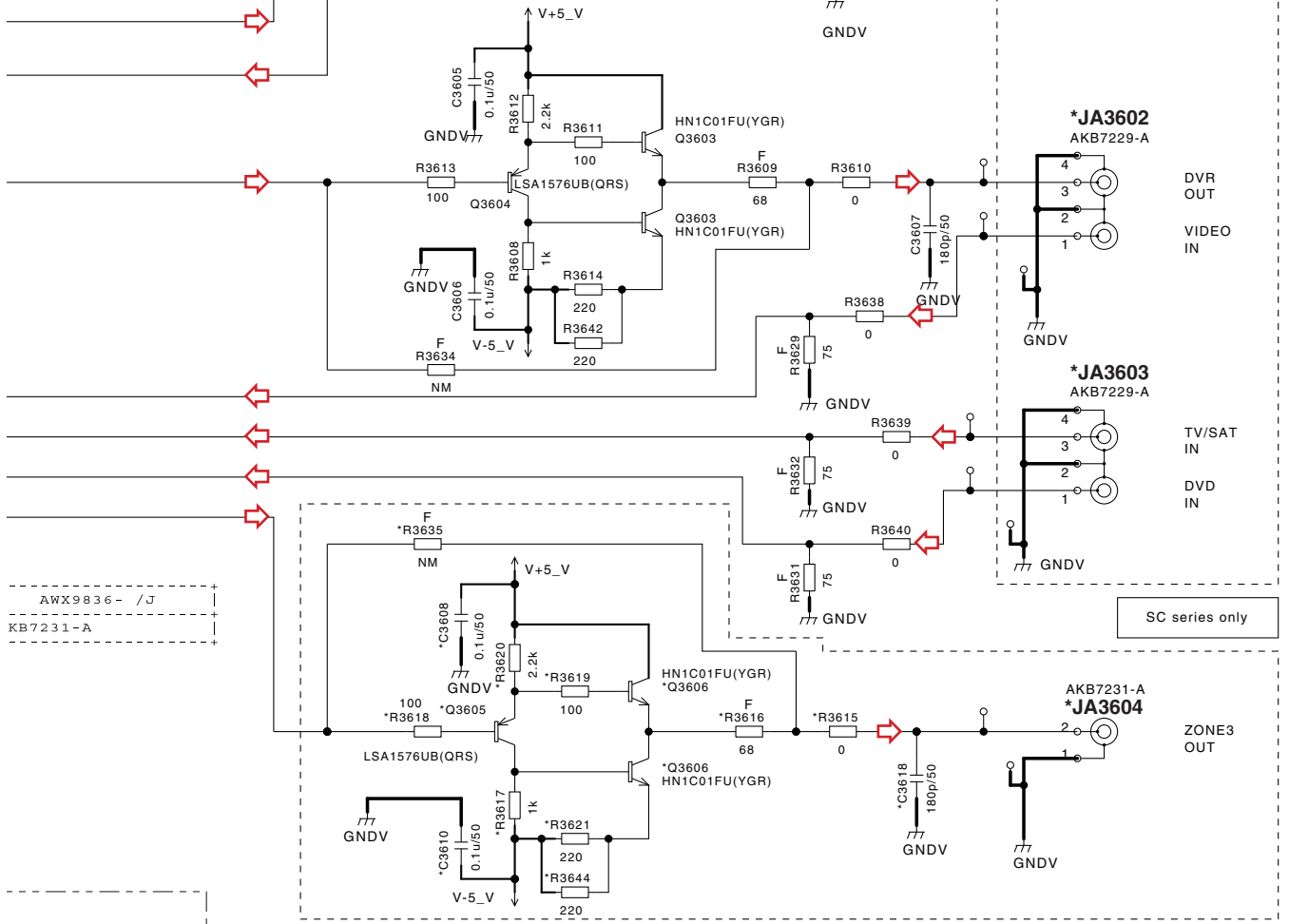
➡: Video Signal Route

COMPOSITE ASSY

(SC-57 :AWX9791)
(SC-55/SC-1526-K:AWX9836)

AWX9836- /J
AKB7229-A
AKB7229-A
AKB7229-A

AWX9836- /J
0.1u/50
0.1u/50
180p/50
0
58
1k
100
100
2.2k
220
NM
220
AKB7231-A
LSA1576UB(QRS)
HN1C01FU(YGR)



AWX9836- /J
KB7231-A

Ω unless
unless
ss
:ss
oltage(V)
f.
B

10.22 MIC HP ASSY

JA3472

iPod VIDEO IN (Front)

AKB7219-A

R3486

C3494
100p/50

R3468
2.2

C3468
NM

R3469
NM

C3469
NM

R3470
NM

C3470
NM

MIC AMP

IC3471 1/2
NJM4565MD

IC3471 2/2
NJM4565MD

JA3471

MIC IN

VKB1243-A

R3471
1k

YB
C3486
0.01u/50

C3487
NM

C3488
0.022u/50

C3489
NM

KN3471

AKF7002-A

YB
C3490
1000p/50

C3491
NM

C3492
1000p/50

C3493
NM

C3494
1000p/50

C3495
NM

C3496
1000p/50

C3497
NM

C3498
1000p/50

C3499
NM

SOUND	C3490	C3473
AWX9800-	1000p/50 (YB)	470p/50 (YB)
AWX9968-	1000p/50 (CH)	470p/50 (CH)

C3480
DCH1201-A

D3475
RIKZ5.1KG(B2)

C3485
1u/16

R3484
47k

C3485
0.1u/50

C3486
0.01u/50

C3487
330p/50

C3499

V+7_A

D

HEADPHONE

JA3476

XKB3066-A

R3451
1k

R3454
47k

Q3451
LTC124EUB

(HPL)

(HPR)

C3451
8200p/50

C3452
8200p/50

C3453
8200p/50

C3454
NM

C3455
NM

C3456
NM

C3457
NM

C3458
NM

C3459
NM

C3460
NM

C3461
NM

C3462
NM

C3463
NM

C3464
NM

C3465
NM

C3466
NM

C3467
NM

C3468
NM

C3469
NM

C3470
NM

C3471
NM

C3472
NM

C3473
NM

C3474
NM

C3475
NM

C3476
NM

C3477
NM

C3478
NM

C3479
NM

KN3472

AKF7002-A

R3452
0

R3453
0

R3454
0

C3455
NM

C3456
NM

C3457
NM

C3458
NM

C3459
NM

C3460
NM

C3461
NM

C3462
NM

C3463
NM

C3464
NM

C3465
NM

C3466
NM

C3467
NM

C3468
NM

C3469
NM

C3470
NM

C3471
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C3472
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C3473
NM

C3474
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C3475
NM

C3476
NM

C3477
NM

C3478
NM

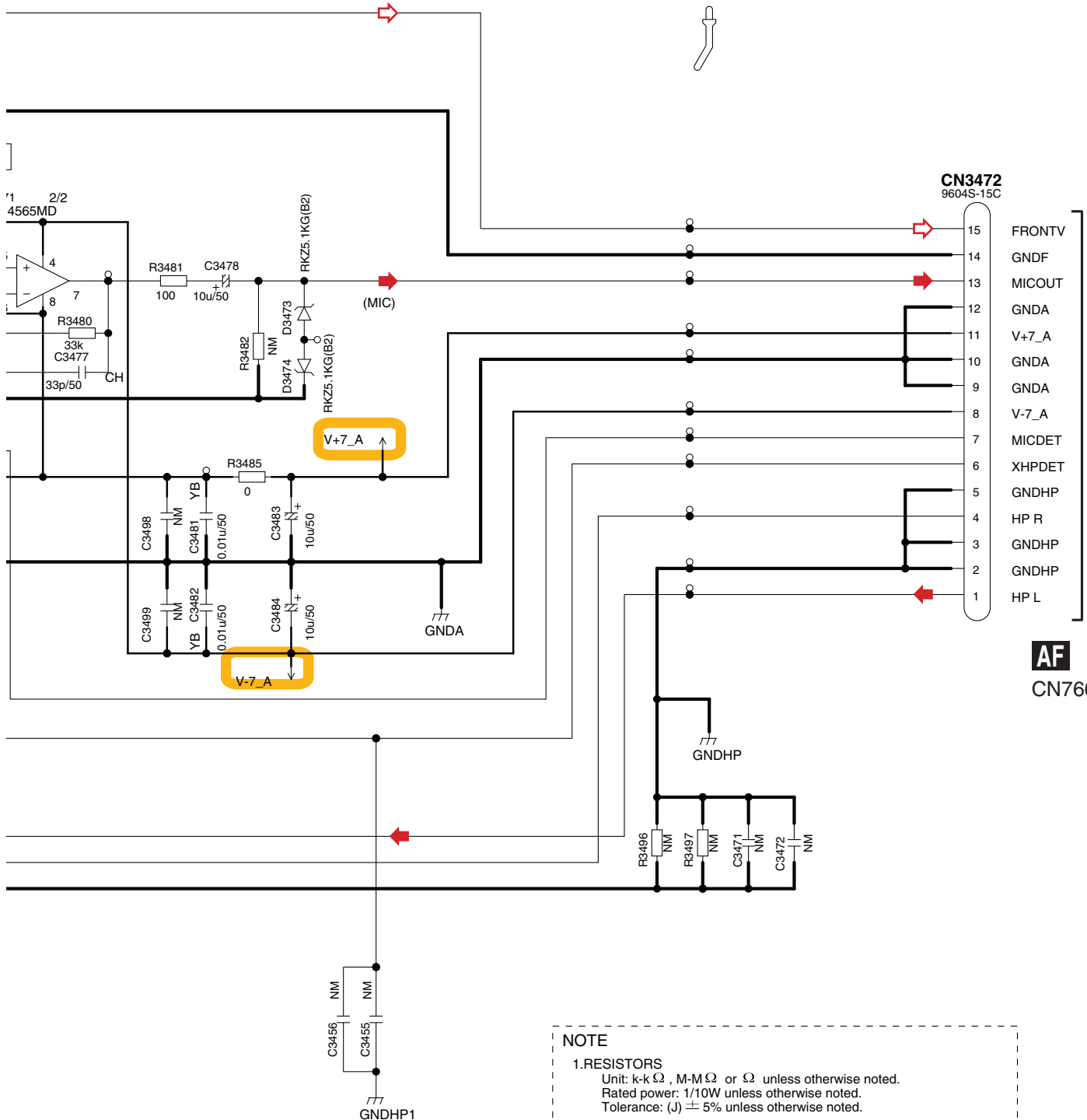
C3479
NM

F



J MIC HP ASSY (AWX9800)

JH3471 VEF1040-A



CN3472 9604S-15C

- 15 FRONTV
- 14 GNDF
- 13 MICOUT
- 12 GNDA
- 11 V+7_A
- 10 GNDA
- 9 GNDA
- 8 V-7_A
- 7 MICDET
- 6 XHPDET
- 5 GNDHP
- 4 HP R
- 3 GNDHP
- 2 GNDHP
- 1 HP L

AF CN7663

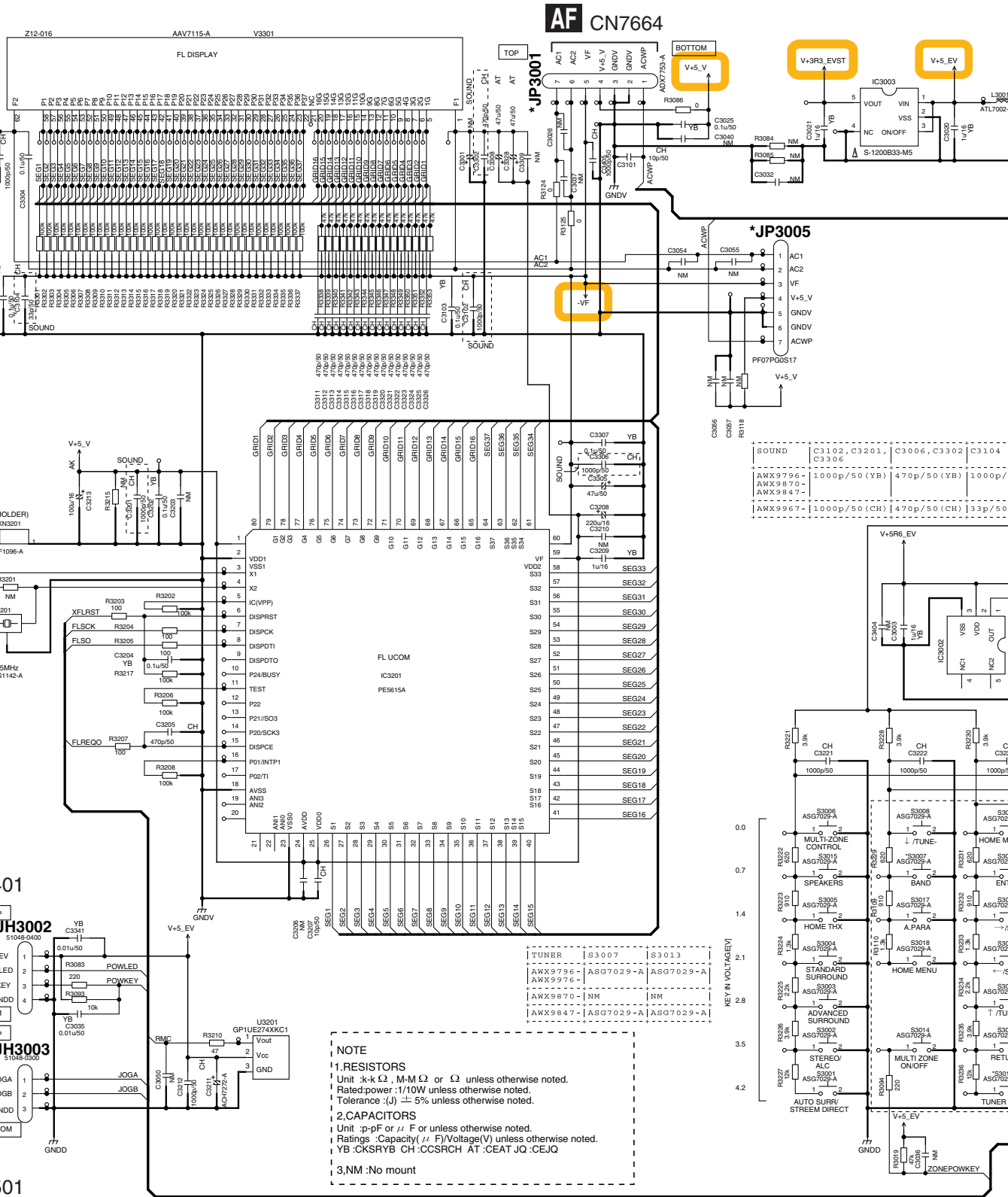
NOTE

- 1.RESISTORS
Unit: k-k Ω , M-M.Ω or Ω unless otherwise noted.
Rated power: 1/10W unless otherwise noted.
Tolerance: (J) ± 5% unless otherwise noted.
- 2.CAPACITORS
Unit: p-pF, or μ F unless otherwise noted.
Ratings: Capacity(μ F)/Voltage(V) unless otherwise noted.

- ◻: Video Signal Route
- ◼: Audio Signal Route

10.23 DISPLAY ASSY

	LED1-2	C3218	C3338	R3079	R3095	R3114	R3211	R3212	R3213	R3214	R3241	R3242	R3243	R3244	R3245	R3356	D3204	D3206	D3208	D3210	D3212	Q3207	Q3210
A	AWX9796-/AWX9967-	47p/50	10p/50	NM	100	NM	NM	NM	NM	NM	150	150	150	150	150	100	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	LTC1248UB	LTC1248U
	AWX9870-	47p/50	10p/50	NM	100	NM	NM	NM	NM	NM	150	150	150	150	100	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	LTC1248UB	LTC1248U
	AWX9847-	NM	NM	0	NM	0	0	0	0	0	680	680	680	680	NM	NM	SLR-343VC(NPQ)	SLR-343VC(NPQ)	SLR-343VC(NPQ)	SLR-343VC(NPQ)	NM	NM	NM

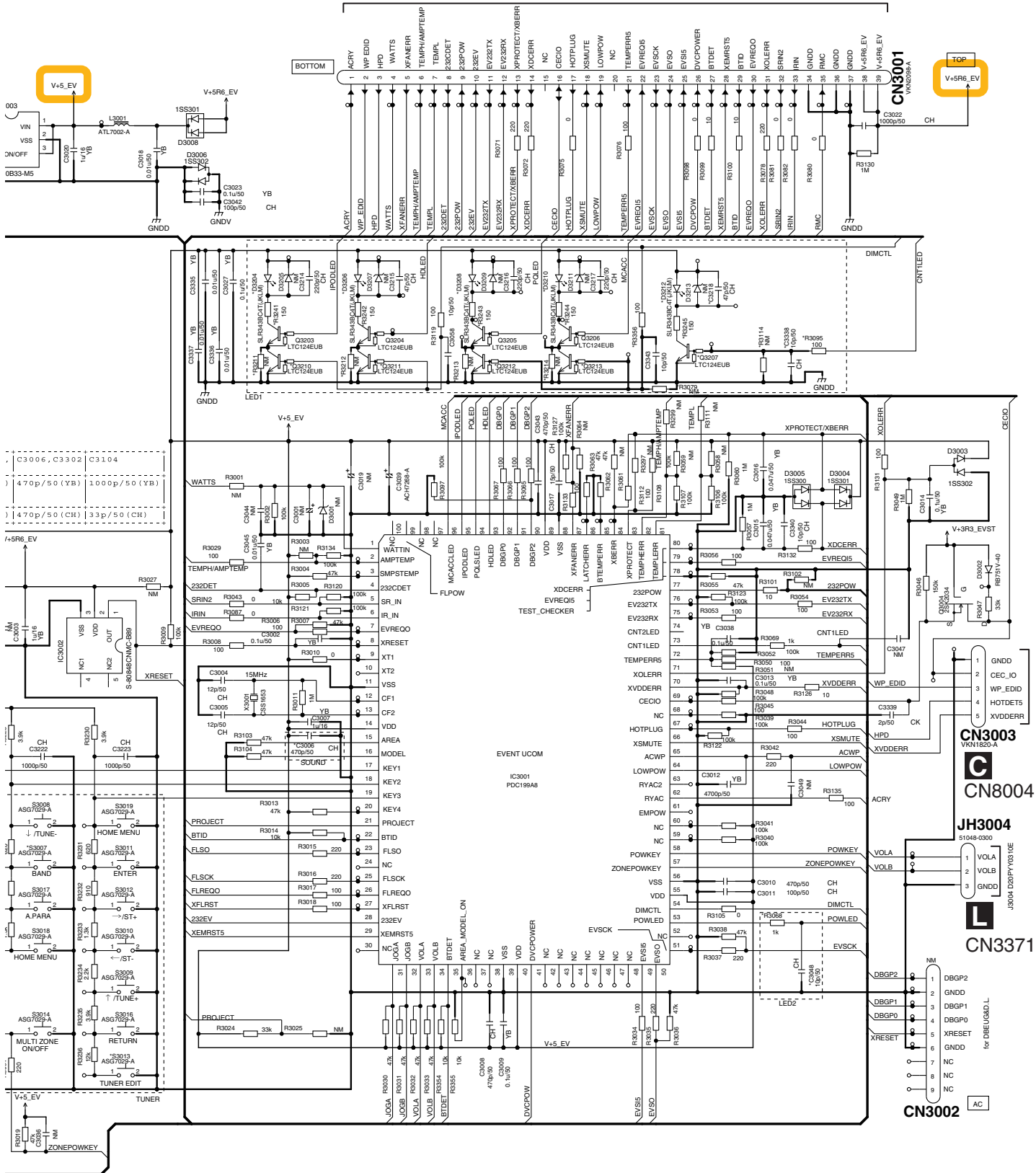


The Δ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

Q3207	Q3210	Q3211	Q3212	Q3213	C3048	R3068
BC47(JKLM)	LTC124EUB	LTC124EUB	LTC124EUB	LTC124EUB	10p/50	1k
BC47(JKLM)	LTC124EUB	LTC124EUB	LTC124EUB	LTC124EUB	10p/50	1k
NM	NM	NM	NM	NM	NM	NM

K DISPLAY ASSY
 (SC-57/SC-55 :AWX9796)
 (SC-1526-K :AWX9847)

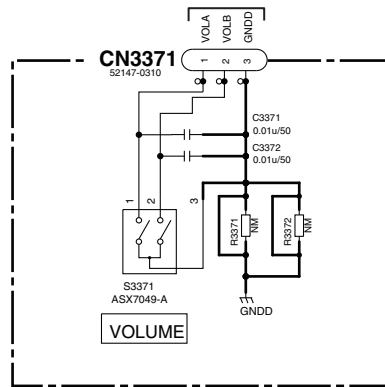
AE CN7652



10.24 VOL and POWER SW ASSYS

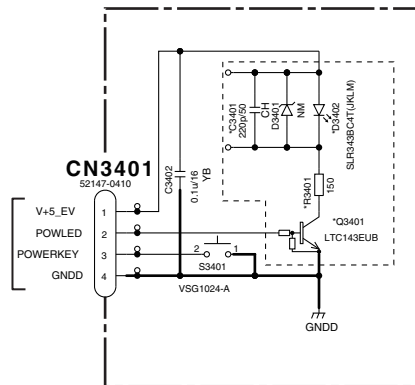
L VOL ASSY (AWX9797)

K JH3004



M POWER SW ASSY (SC-57/SC-55 :AWX9798) (SC-1526-K :AWX9901)

K JH3002



	AWX9798-	AWX9901-
C3401	220p/50	NM
R3401	150	NM
D3401	SLR343BC4T (JKLM)	NM
Q3401	LTC143EUB	NM

NOTE

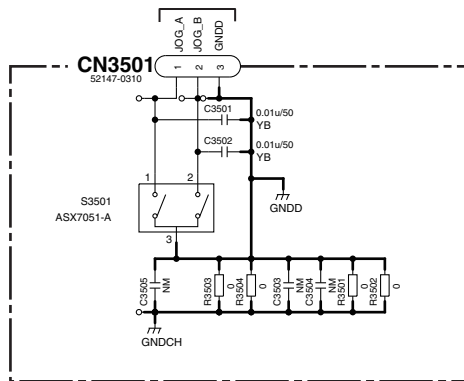
1.RESISTORS
Unit :k- Ω , M-M Ω or Ω unless otherwise noted.
Rated power :1/10W unless otherwise noted.
Tolerance : (J) \pm 5% unless otherwise noted.

2.CAPACITORS
Unit :p-pF or μ F or unless otherwise noted.
Ratings :Capacity (μ F)/Voltage(V) unless otherwise noted.
YB :CKSRVB CH :COSRCH AT :CEAT JQ :CEJQ

3.NM :No mount

N ENCODER ASSY
 (AWX9801)

K JH3003



NOTE

1.RESISTORS

Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
 Rated power: 1/10W unless otherwise noted.
 Tolerance: (J) \pm 5% unless otherwise noted.

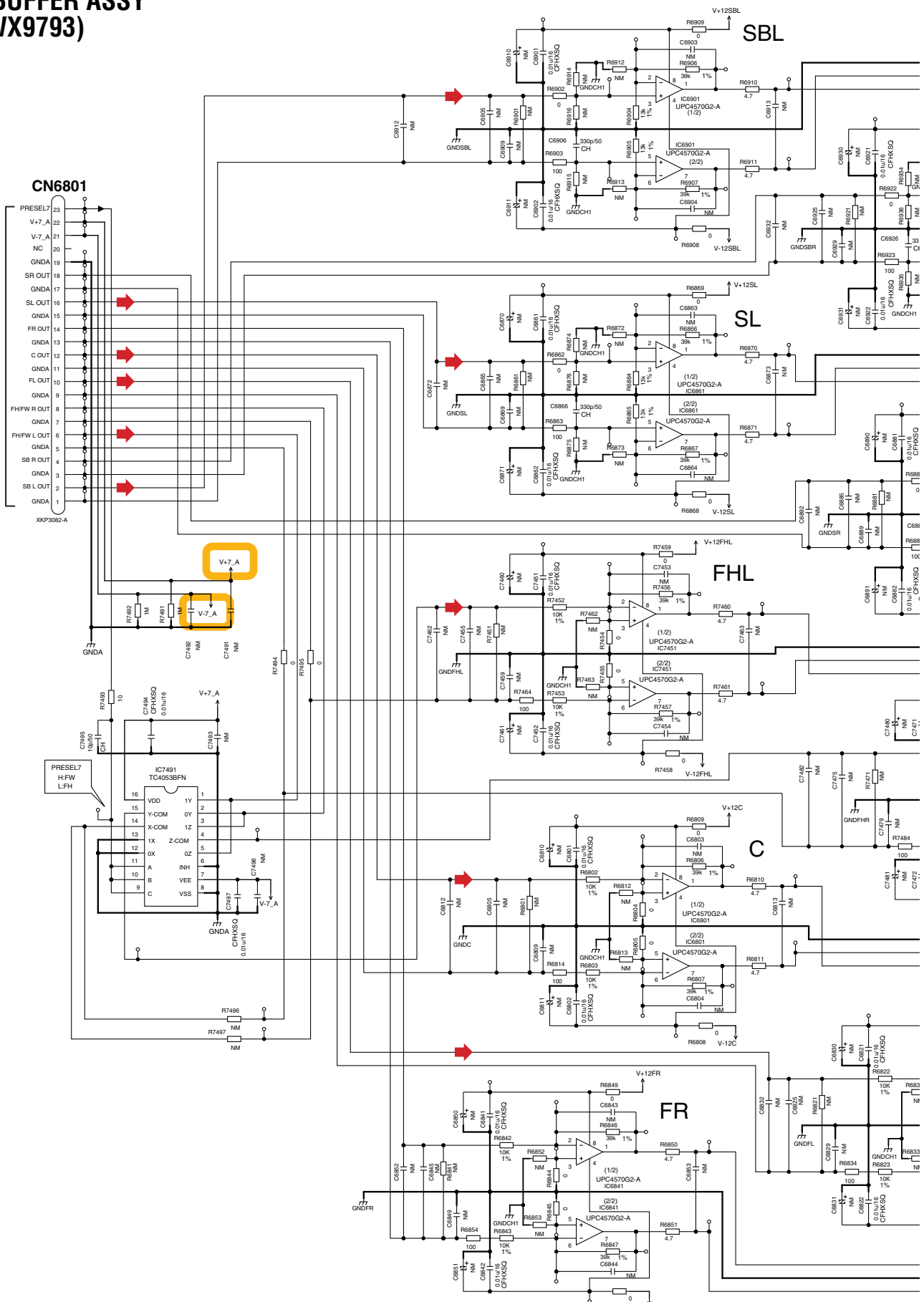
2.CAPACITORS

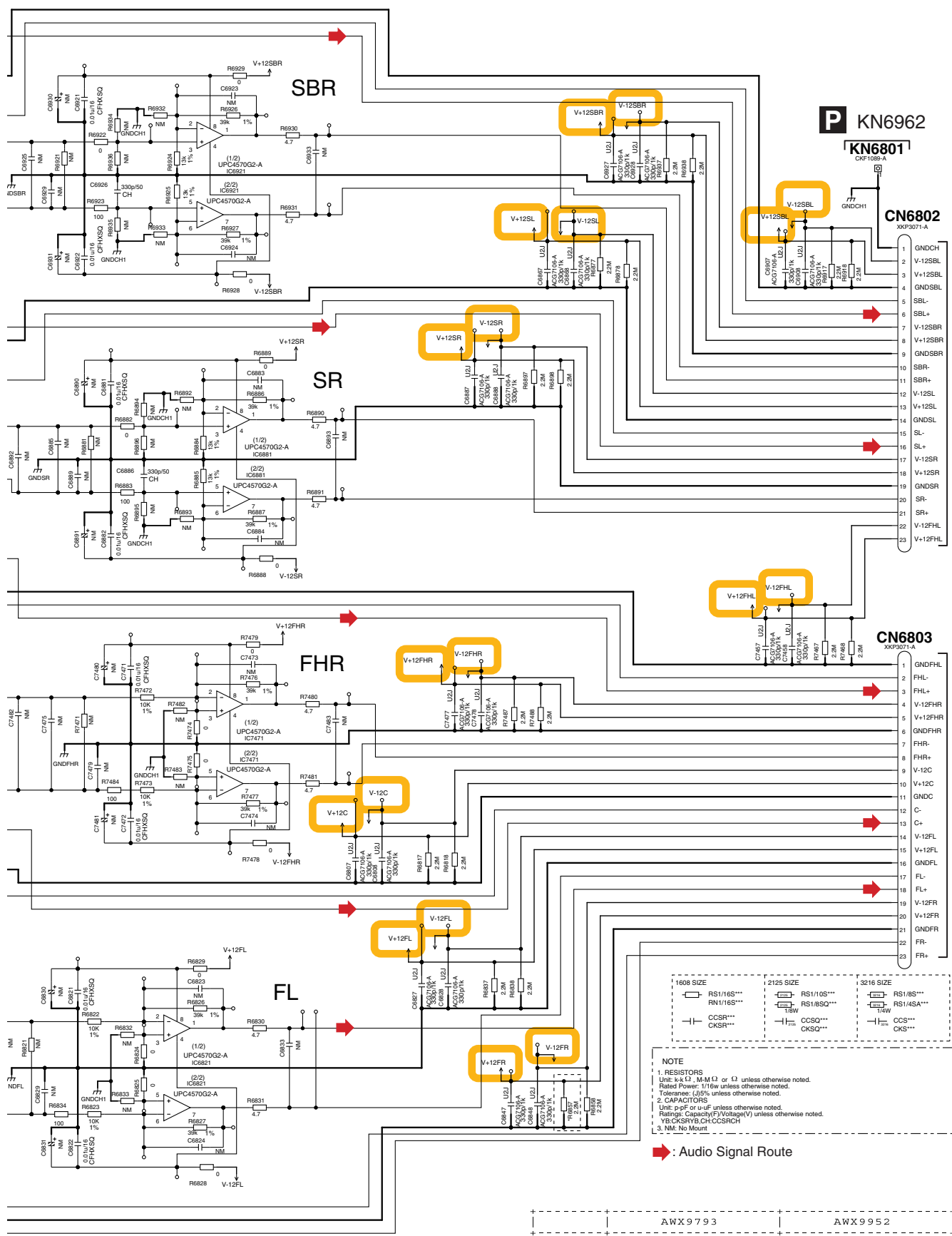
Unit: p-pF, or μ . F unless otherwise noted.
 Ratings: Capacity(μ F)/Voltage(V) unless otherwise noted.

3.NM :No mount

10.26 IR BUFFER ASSY

IR BUFFER ASSY (AWX9793)

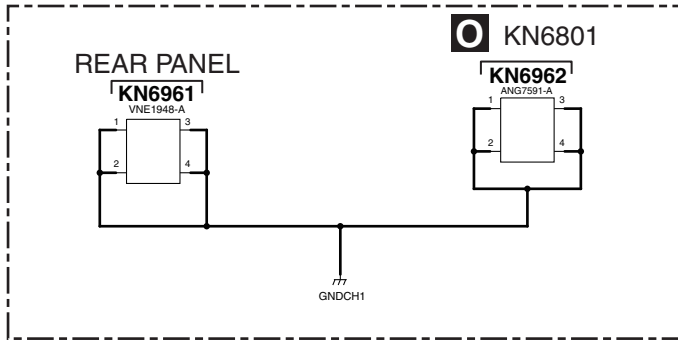




	AWX9793	AWX9952
R6857	1M	240k

10.27 BUFFER GND and IR INTERFACE ASSYS

P BUFFER GND ASSY (AWX9795)



O CN6802

O CN6803

NOTE

1. RESISTORS
 Unit: k- Ω , M-M- Ω or Ω unless otherwise noted.
 Rated Power: 1/16w unless otherwise noted.
 Tolerance: (J)5% unless otherwise noted.

2. CAPACITORS
 Unit: p-pF or u-uF unless otherwise noted.
 Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
 YB:CKSR YB,CH:CCSRCH

3. NM: No Mount

1608 SIZE	2125 SIZE	3216 SIZE
RS1/16S*** RN1/16S***	RS1/10S*** RS1/8SQ*** 1/8W	RS1/8S*** RS1/4SA*** 1/4W
CCSR*** CKSR***	CCSQ*** CKSQ***	CCS*** CKS***

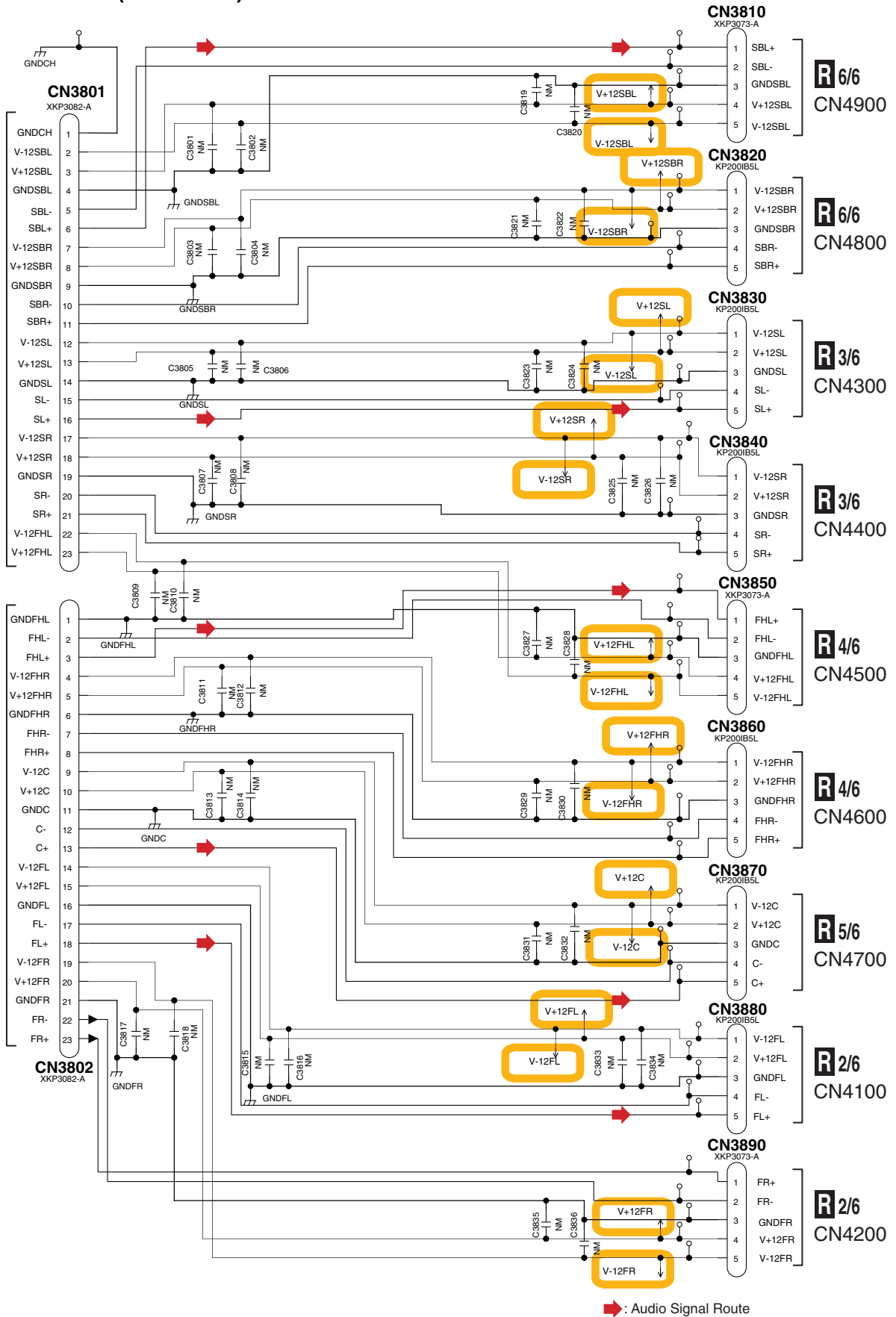
Q IR INTERFACE ASSY (AWX9792)



CN6802



CN6803



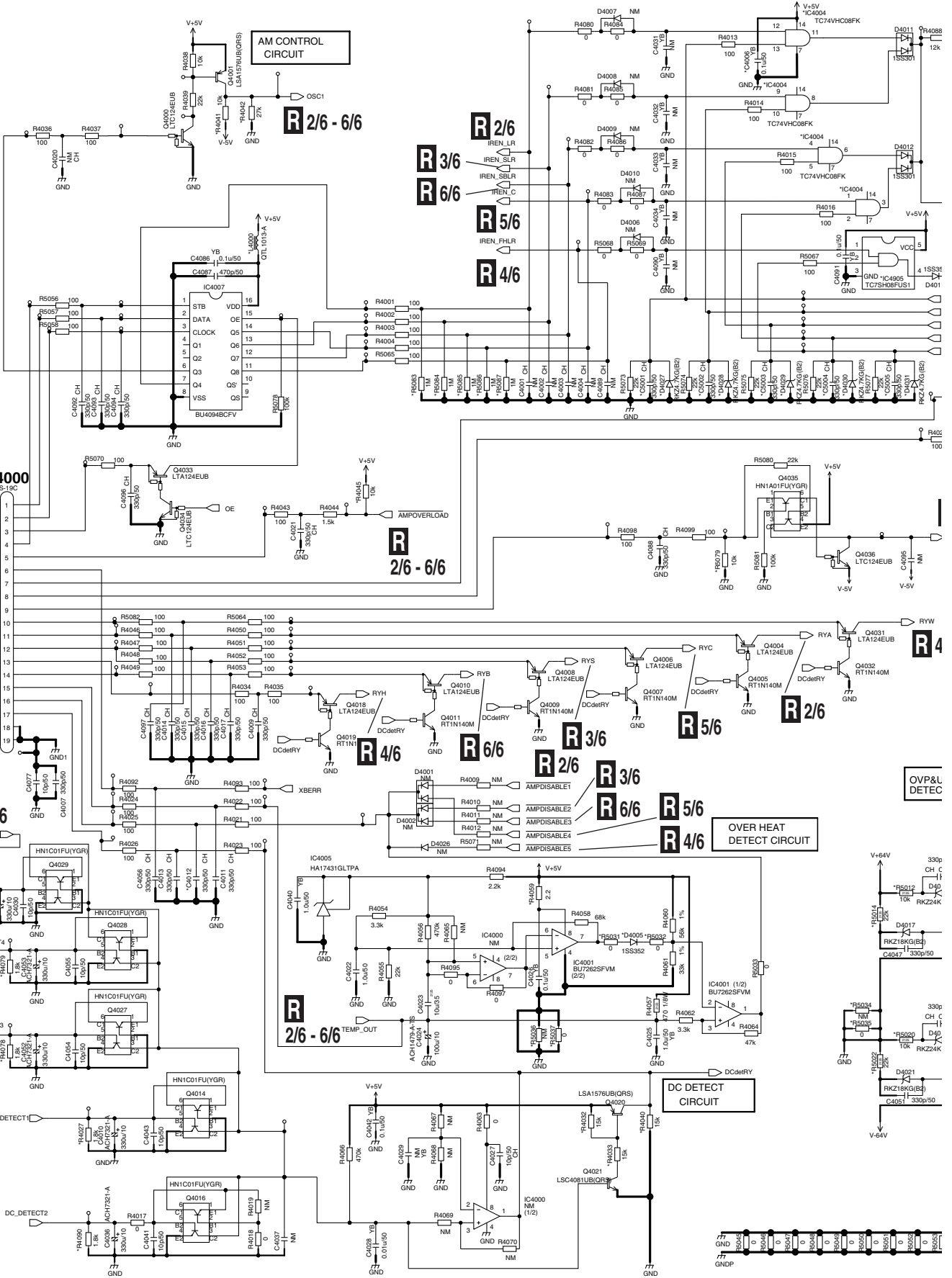
➔ : Audio Signal Route

SC-57



147

10.28 IR POWER AMP ASSY (1/6)



G
CN7006

CN4000
96045-19C

R 4/6

R 6/6

R 3/6

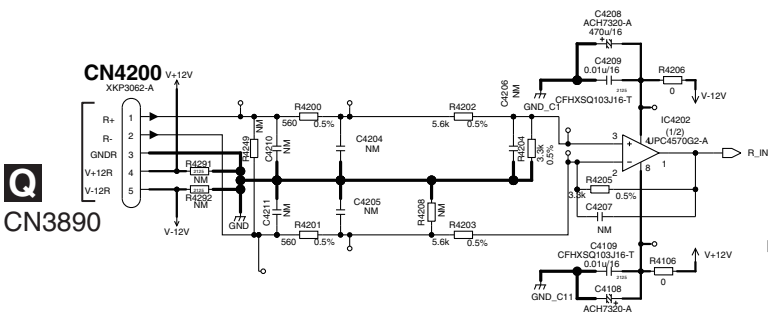
R 2/6

R 5/6

R 1/6

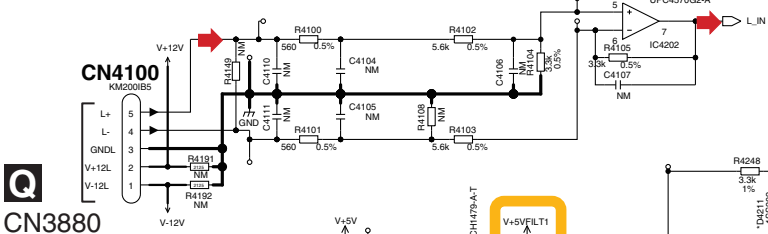
10.29 IR POWER AMP ASSY (2/6)

A



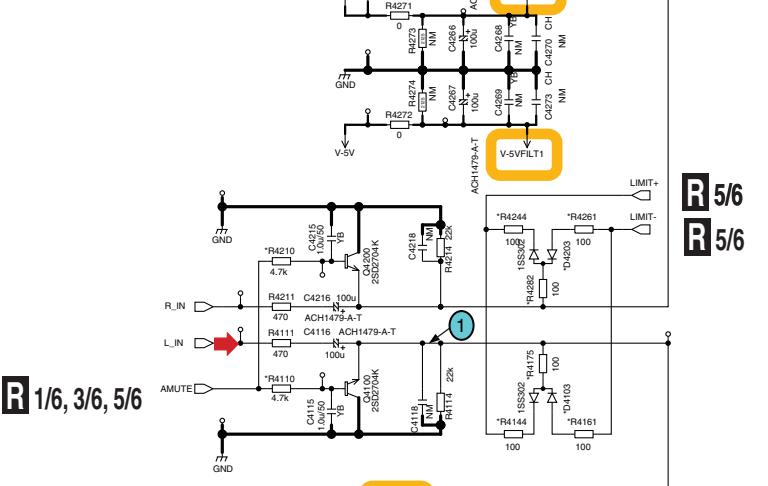
Q CN3890

B



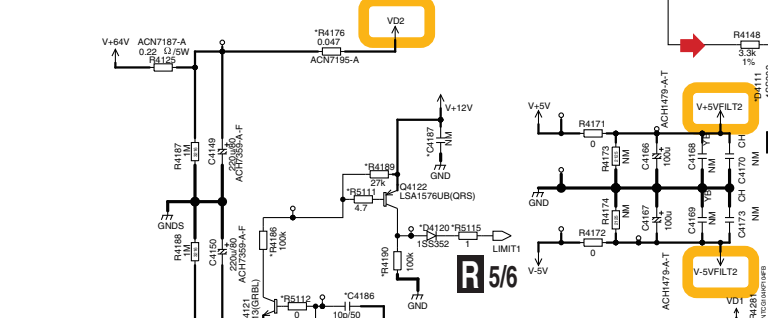
Q CN3880

C



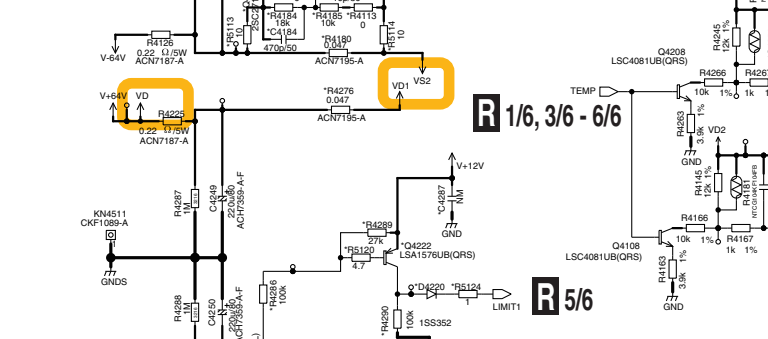
R 1/6, 3/6, 5/6

D



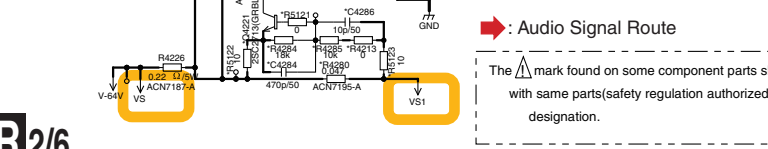
R 5/6

E



R 1/6, 3/6 - 6/6

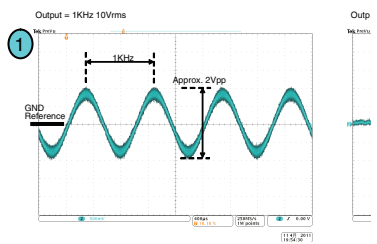
F



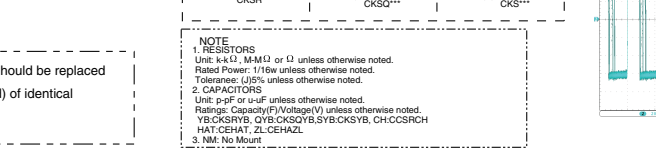
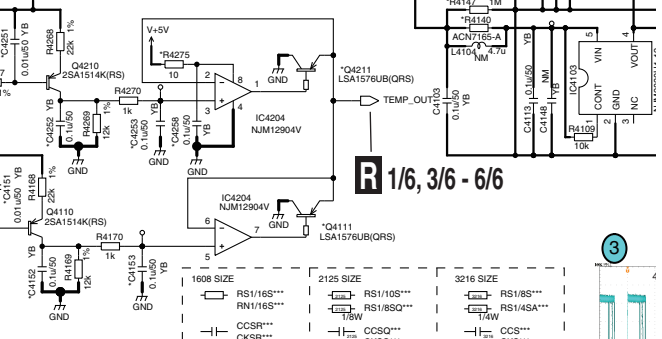
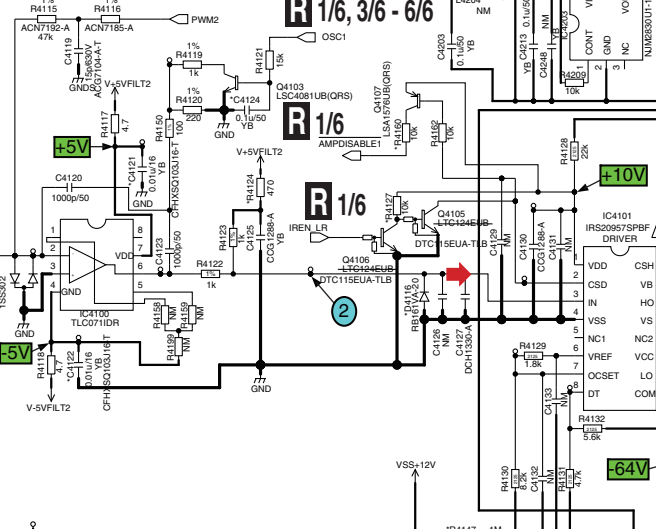
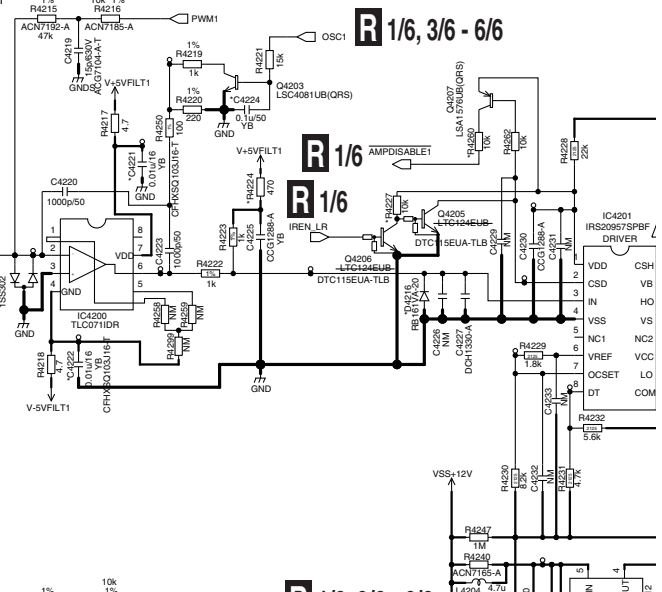
R 2/6

Audio Signal Route

The Δ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.



Output = 1KHz 10Vrms



NOTE

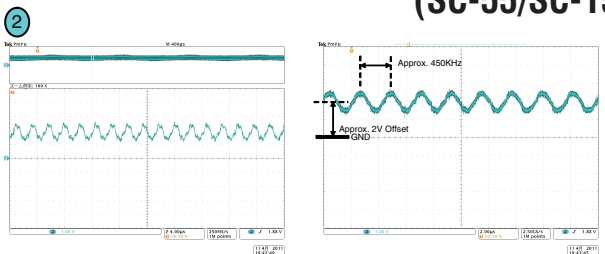
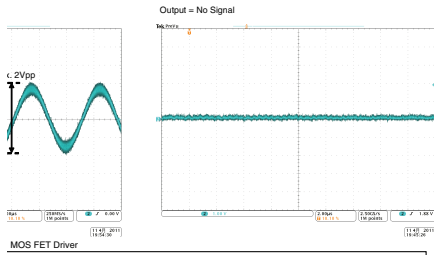
1. RESISTORS
Unit: k-k, M-M Ω or Ω unless otherwise noted.
Rated Power: 1/8W unless otherwise noted.
Tolerance: \pm 5% unless otherwise noted.

2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
YB:CK5RYB, QYB:CK5QYB, SYB:CK5YB, CH:CC5RCH
HAT:CEHAT, ZL:CEH4ZL

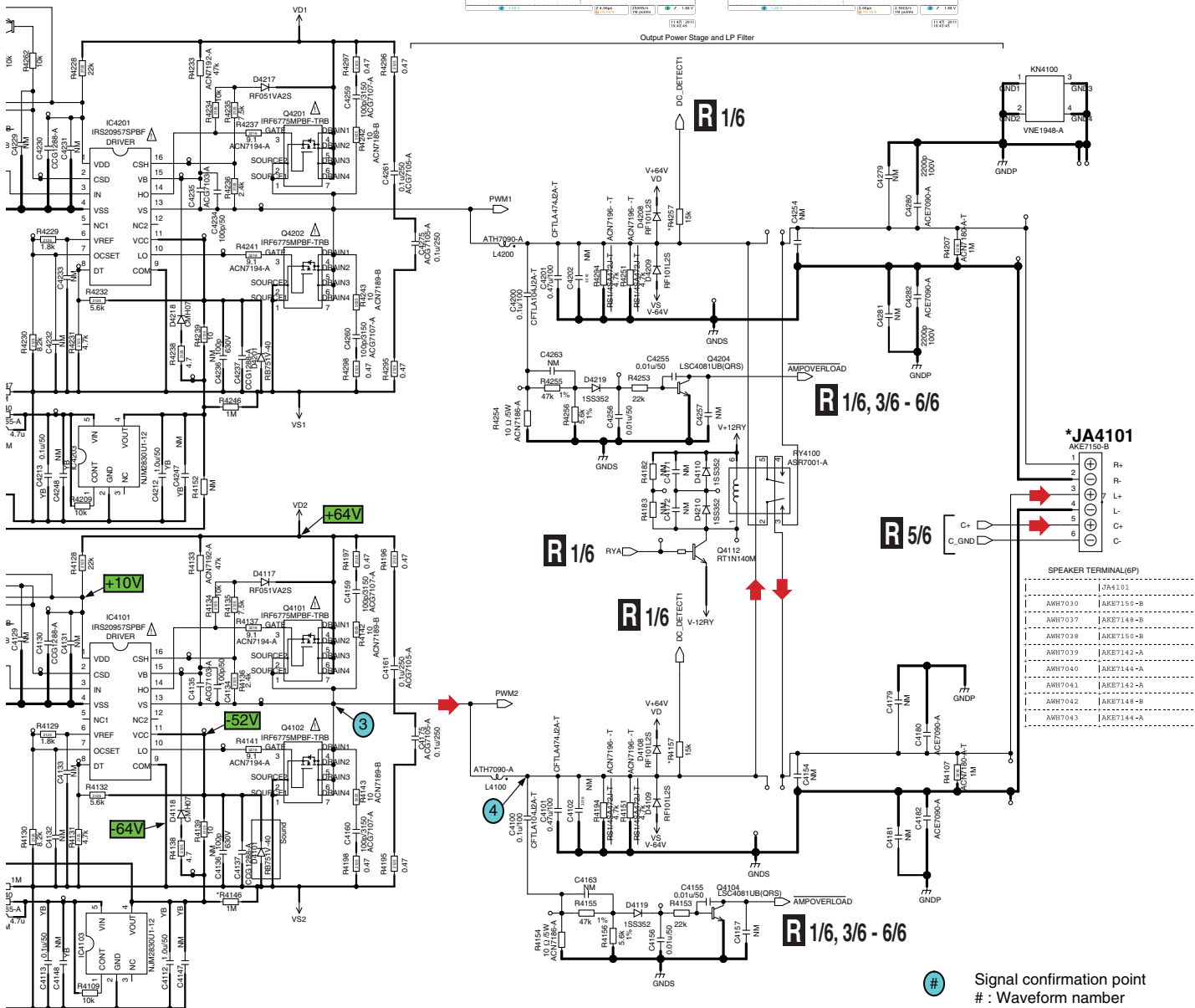
3. NM: No Mount

1608 SIZE	2125 SIZE	3216 SIZE
RS1/16S***	RS1/10S***	RS1/8S***
RN1/16S***	RS1/8SQ***	RS1/4SA***
CCSR***	CCSO***	CCS***
CKSR***	CKSQ***	CKS***

R^{2/6} IR POWER AMP ASSY (2/6) (SC-57 : AWH7030) (SC-55/SC-1526-K : AWH7039)



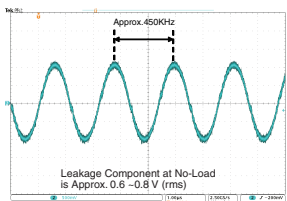
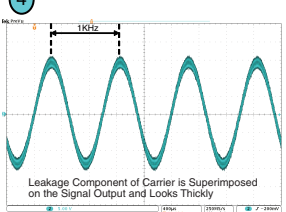
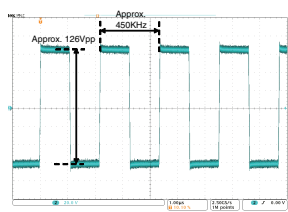
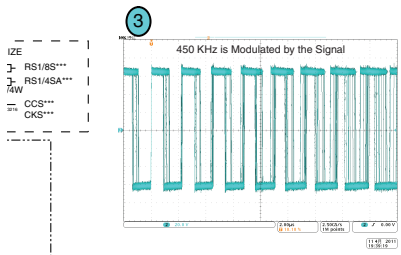
i/6



i/6

Signal confirmation point # : Waveform number

Power supply confirmation point # : Measured voltage



SC-57

R^{2/6}

10.30 IR POWER AMP ASSY (3/6)

1

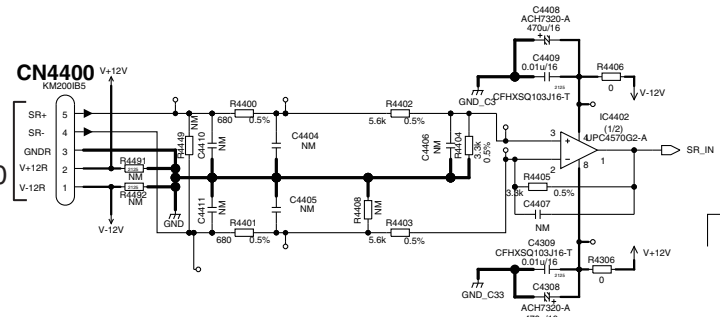
2

3

4

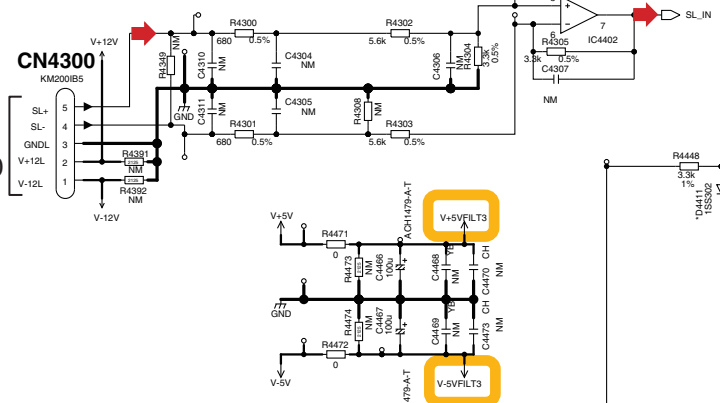
A

Q
CN4400



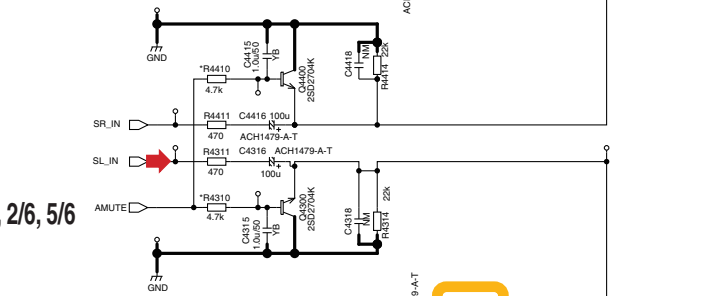
B

Q
CN4300



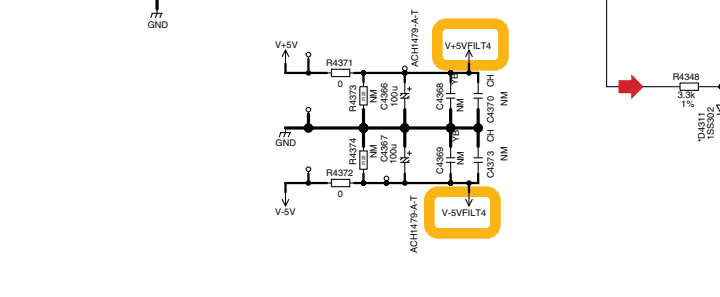
C

R 1/6, 2/6, 5/6



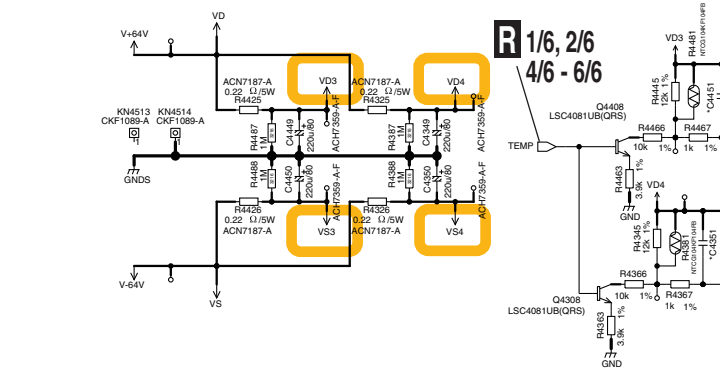
D

R 1/6, 2/6, 5/6



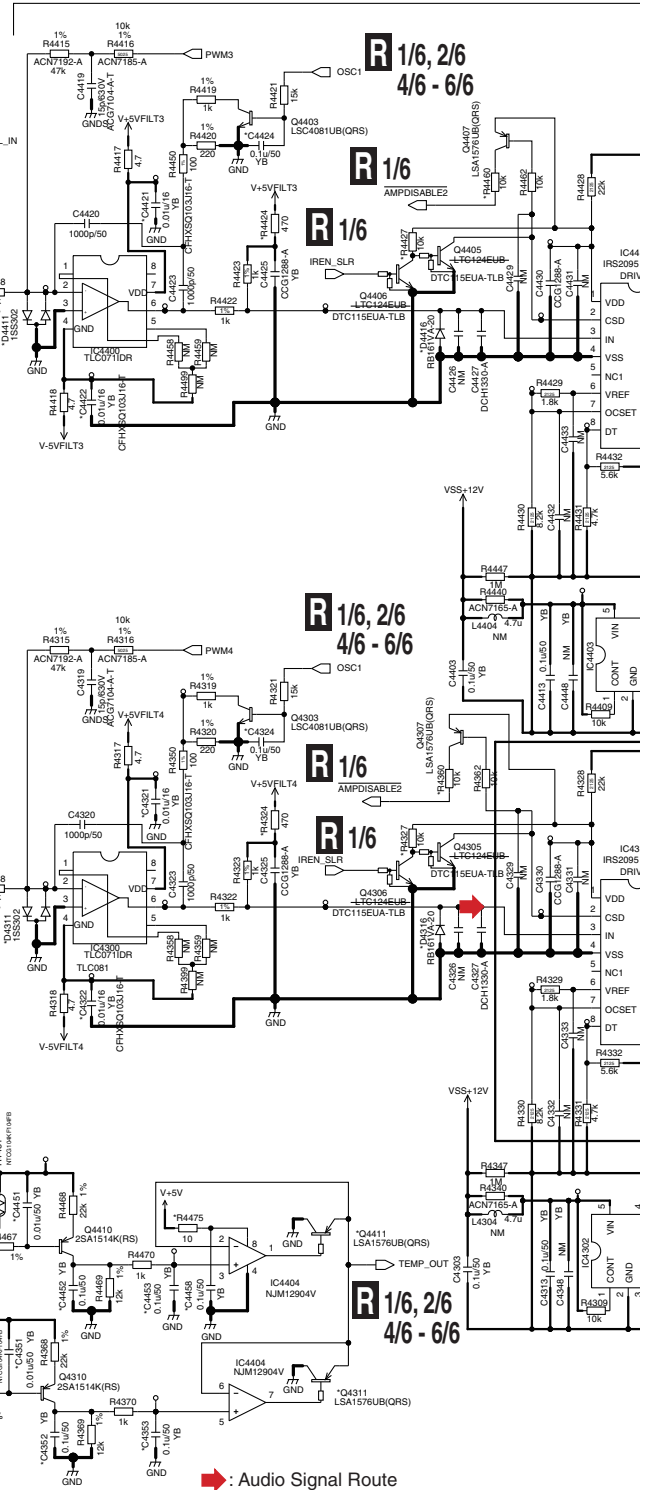
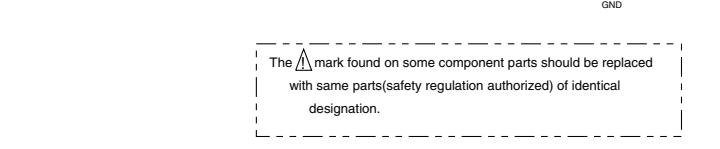
E

R 1/6, 2/6, 4/6 - 6/6



F

R 1/6, 2/6, 4/6 - 6/6



The Δ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

NOTE
1. RESISTORS
Unit: k- Ω , M- Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
Y5V, X5R, X7R, C0G, CKS, Y5V, S, V, CKS, Y5V, CH, CCS, RCH
HAT, CEHAT, ZL, CEHAZL
3. NM: No Mount



R 3/6

1

2

3

4

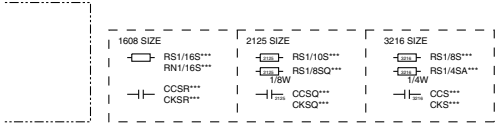
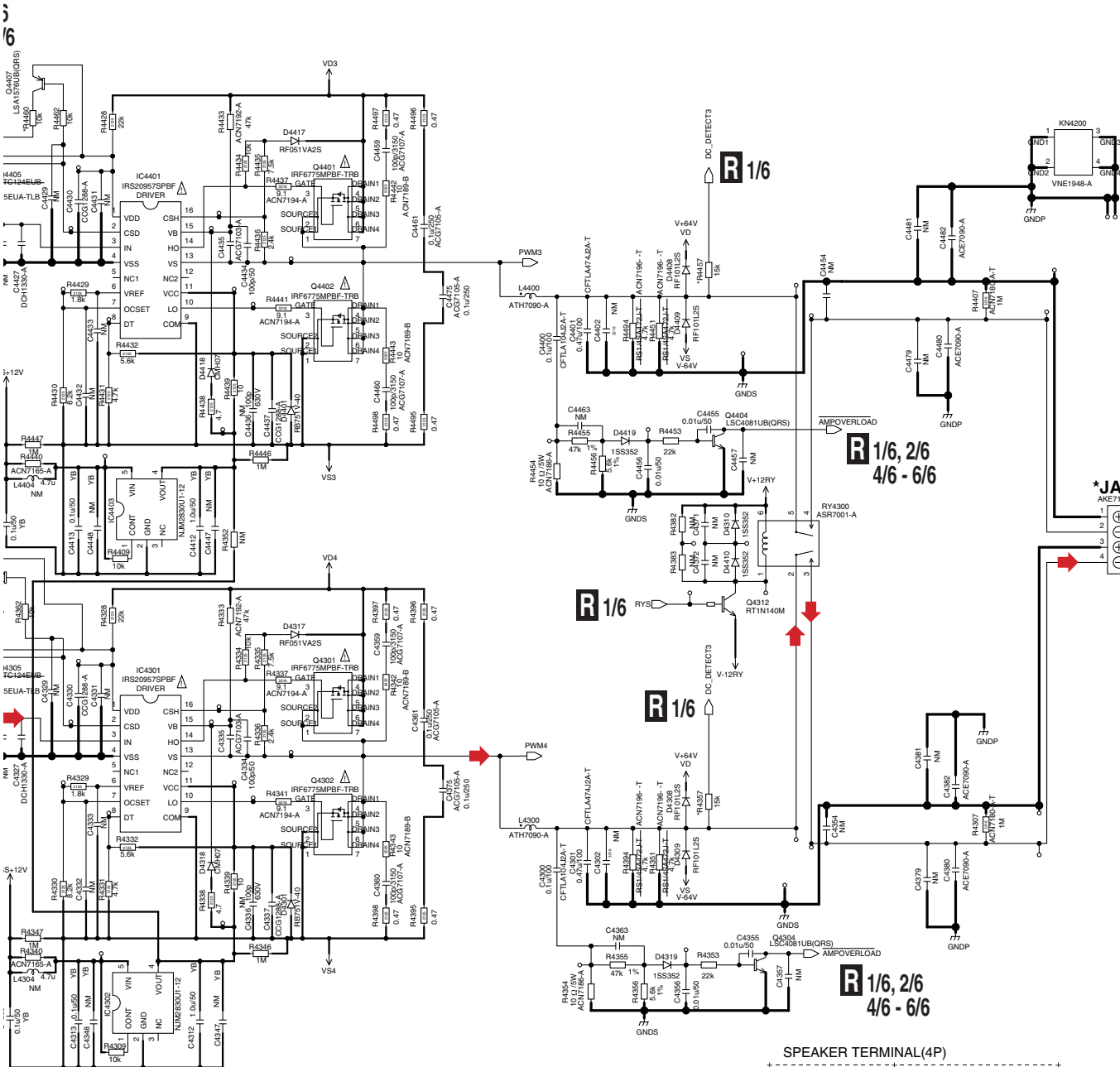
▶: Audio Signal Route

R^{3/6} IR POWER AMP ASSY (3/6)

(SC-57 : AWH7030)
(SC-55/SC-1526-K : AWH7039)

LATOR & MOS FET Driver

Output Power Stage and LP Filter



SPEAKER TERMINAL(4P)

	JA4301
AWH7030	AKE7149-B
AWH7037	AKE7147-B
AWH7038	AKE7149-B
AWH7039	AKE7141-A
AWH7040	AKE7143-A
AWH7041	AKE7141-A
AWH7042	AKE7147-B
AWH7043	AKE7143-A

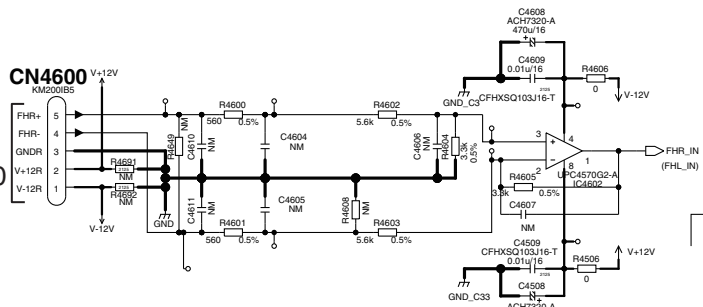
SC-57

10.31 IR POWER AMP ASSY (4/6)

1 2 3 4

A

Q
CN3860

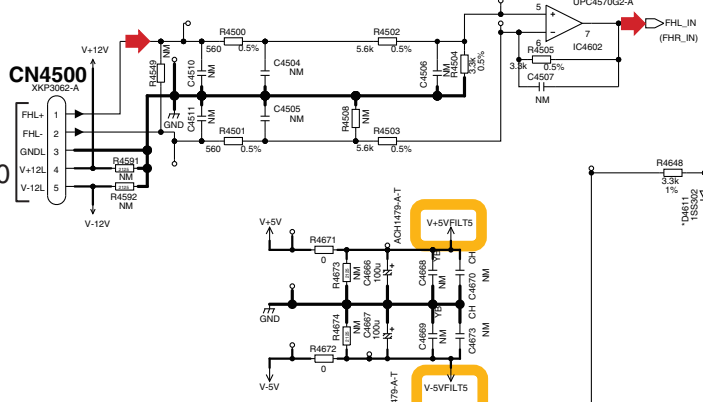


The Δ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

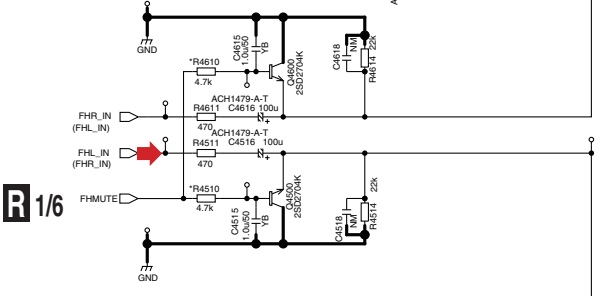
NOTES
1. RESISTORS
Unit: k-k (2), M-M (3) or Ω unless of Rated Power: 1/16w unless otherwise Tolerance: (J)5% unless otherwise
2. CAPACITORS
Unit: n-pF or μ F unless otherwise Ratings: Capacity (F)/Voltage (V) unless otherwise YB-CASRYB, QYB-CASQYB, SYB: HAT-CENAT, Z-CENAZ
3. NM: No Mount

B

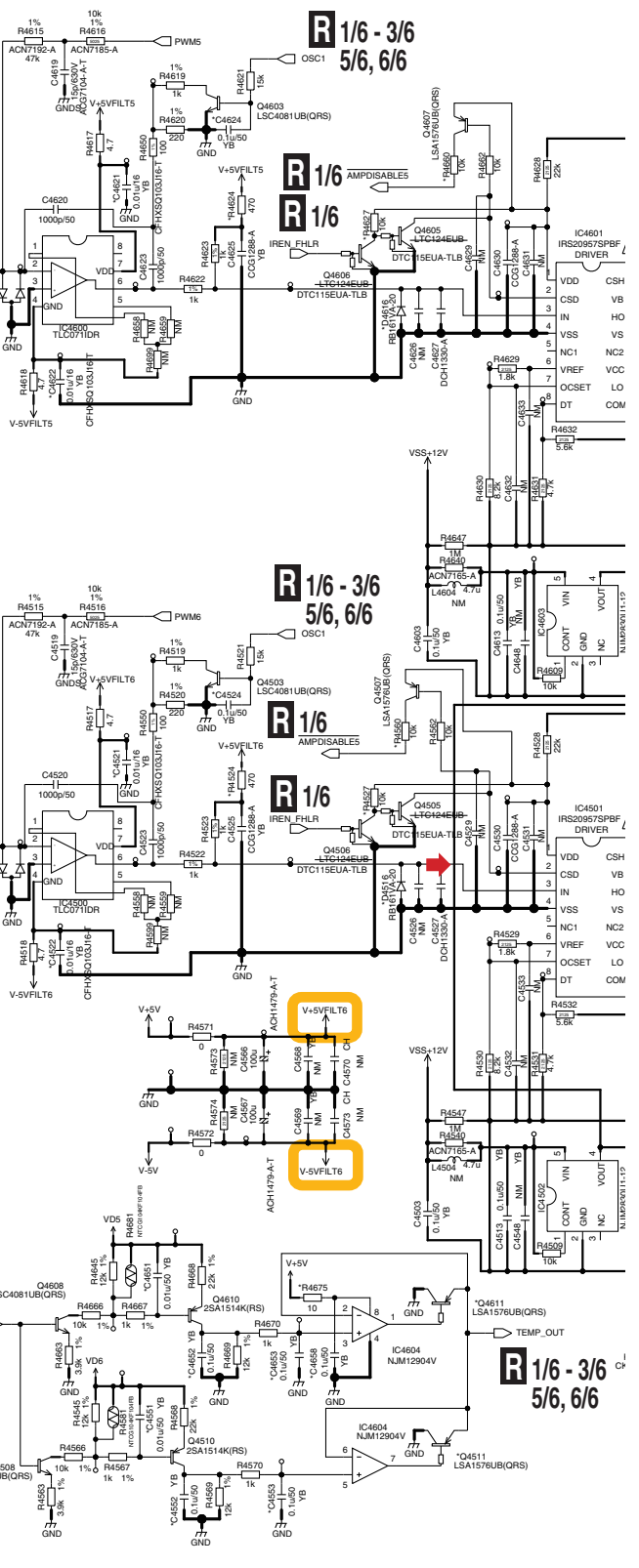
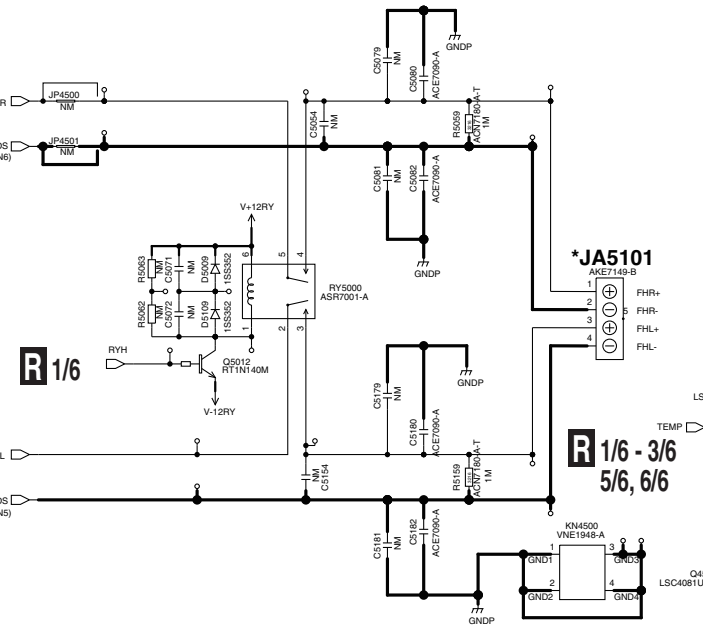
Q
CN3850



C



D



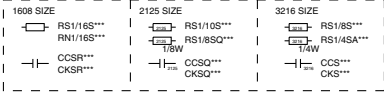
F

R 4/6
154

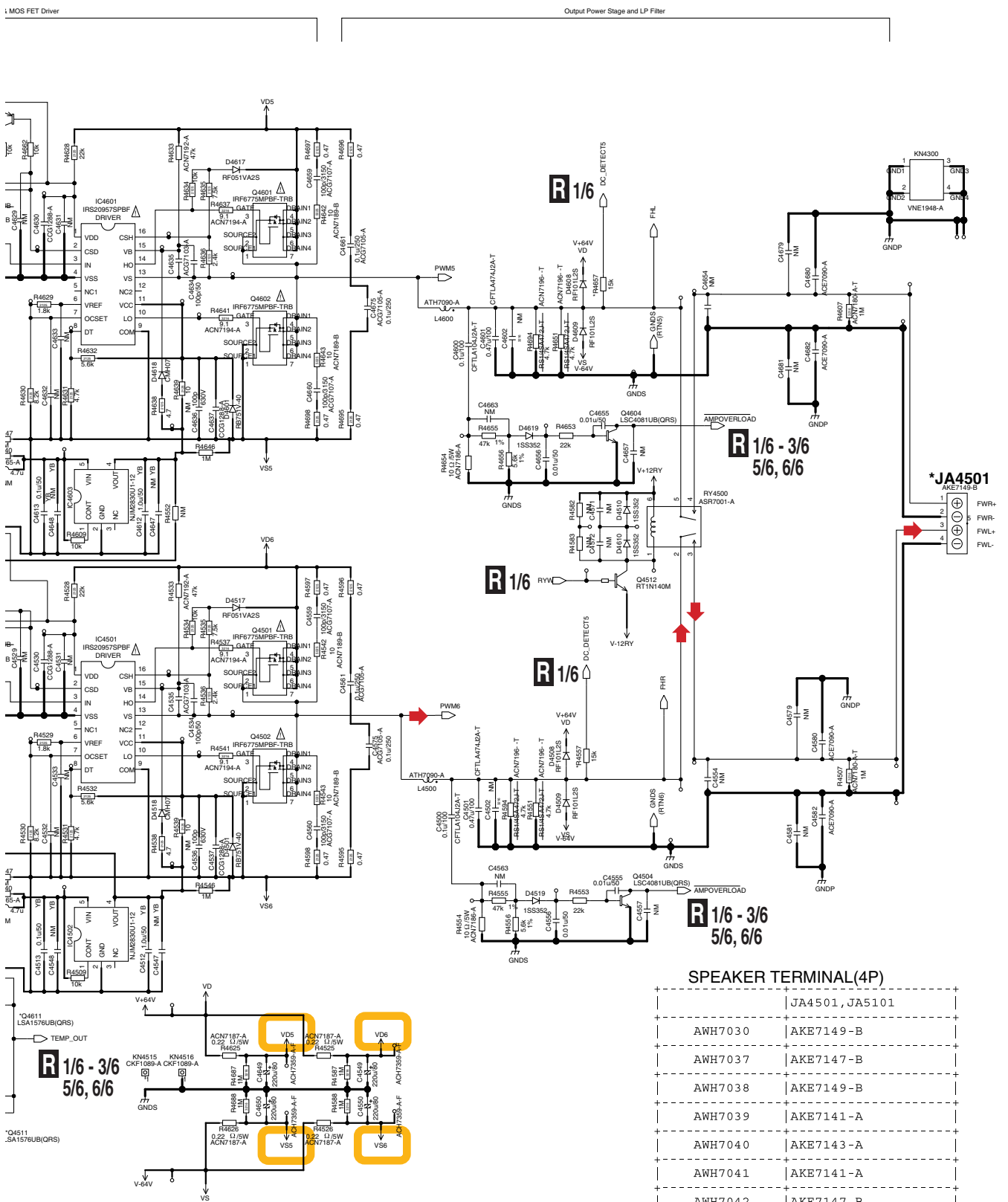
SC-57

1 2 3 4

NOTES
 1. RESISTORS
 Unit: k-K, M-M, Ω or Ω unless otherwise noted.
 Rated Power: 1/16w unless otherwise noted.
 Tolerance: (J)5% unless otherwise noted.
 2. CAPACITORS
 Unit: p-pF or u-uF unless otherwise noted.
 Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
 YB:CKSR*YB, QYB:CKSQ*YB, SYB:CKSYB, CH:CCSR*CH
 HAT:CBHAT, Z:CBHATZ
 3. NM: No Mount



R4/6 IR POWER AMP ASSY (4/6)
(SC-57 : AWH7030)
(SC-55/SC-1526-K : AWH7039)



SPEAKER TERMINAL(4P)

	JA4501, JA5101
AWH7030	AKE7149-B
AWH7037	AKE7147-B
AWH7038	AKE7149-B
AWH7039	AKE7141-A
AWH7040	AKE7143-A
AWH7041	AKE7141-A
AWH7042	AKE7147-B
AWH7043	AKE7143-A

➔ Audio Signal Route

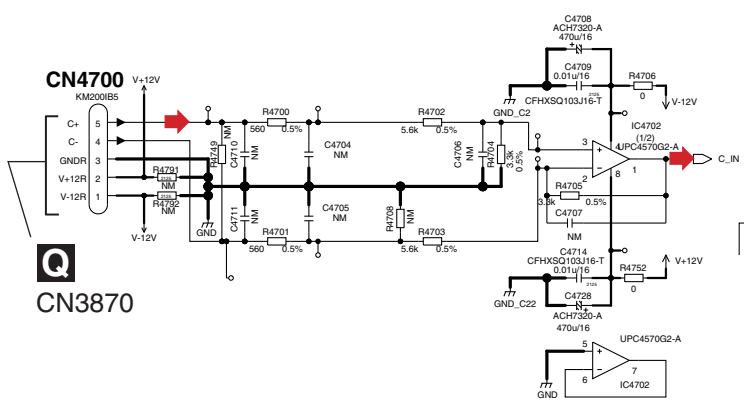
SC-57

R4/6

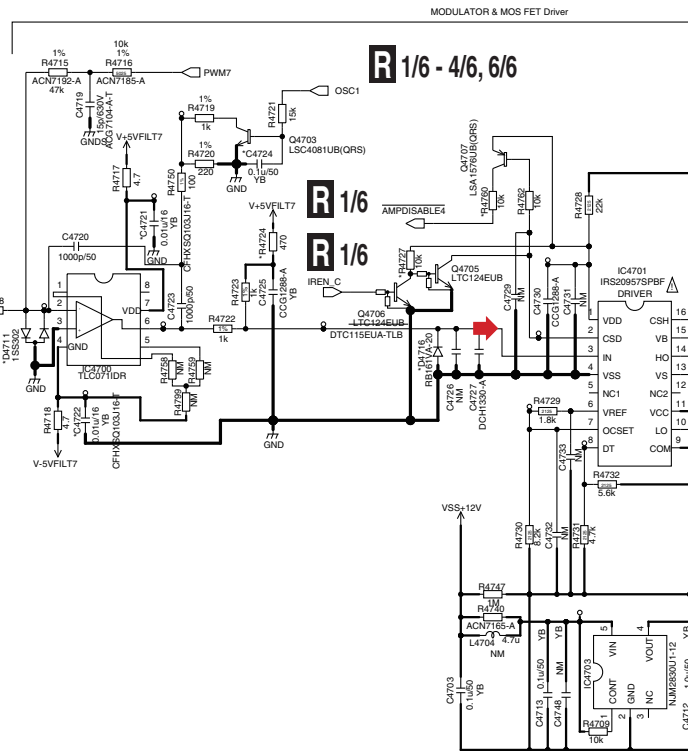
10.32 IR POWER AMP ASSY (5/6)

1 2 3 4

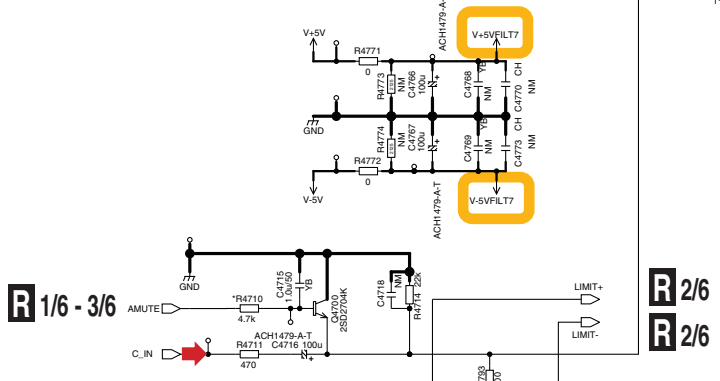
A



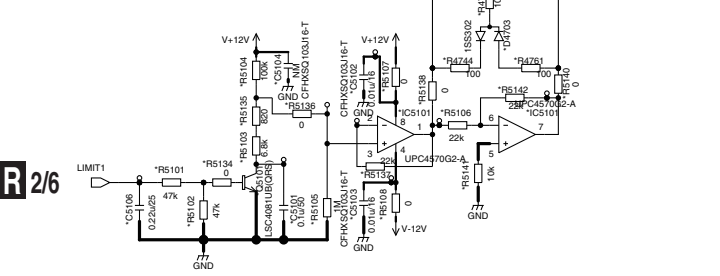
B



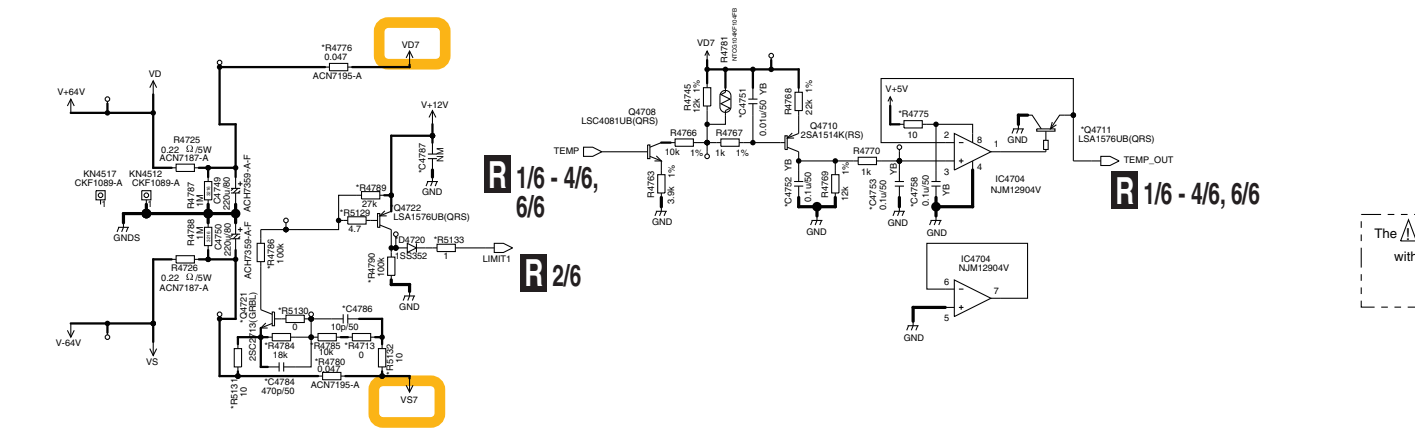
C



D



E



F

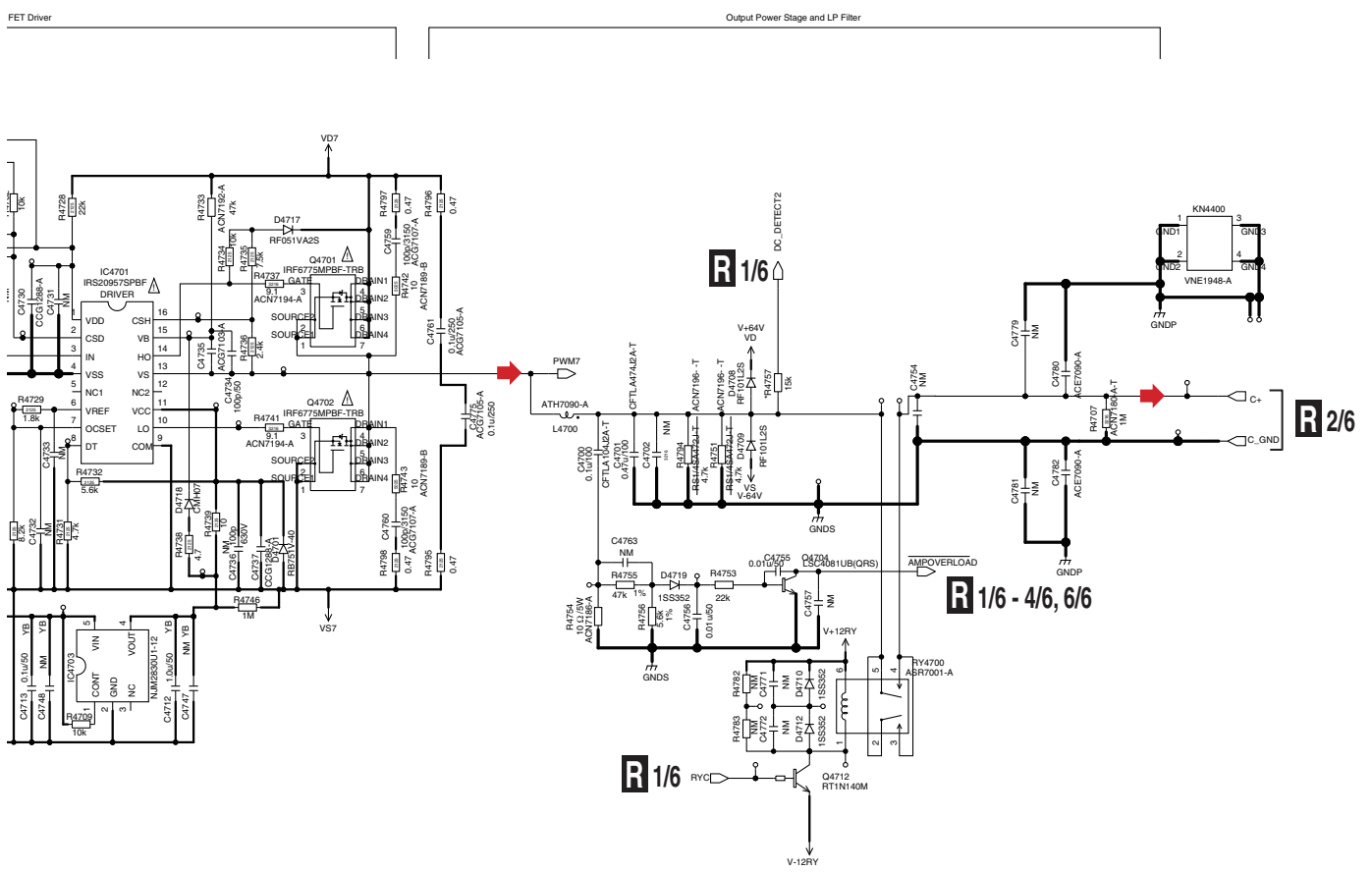
R 5/6
156

SC-57

1 2 3 4

R5/6 IR POWER AMP ASSY (5/6)

(SC-57 : AWH7030)
(SC-55/SC-1526-K : AWH7039)



6

The Δ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

NOTE
 1. RESISTORS
 Unit: k- Ω , M- Ω or Ω unless otherwise noted.
 Rated Power: 1/16w unless otherwise noted.
 Tolerance: (J)5% unless otherwise noted.
 2. CAPACITORS
 Unit: p-pF or u-uF unless otherwise noted.
 Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
 YB,CKSR,YB, QYB,CKSQ,YB,SYB,CKSYB, CH,CCSRCH
 HAT,CEHAT, ZL,CEHAZL
 S, NIM: No Mount.

➡: Audio Signal Route

1608 SIZE RS1/16S*** RNI/16S***	2125 SIZE RS1/10S*** RS1/8SQ*** 18W	3216 SIZE RS1/8S*** RS1/4SA*** 14W
CCSR*** CKSR***	CCSQ*** CKSQ***	CCS*** CKS***

10.33 IR POWER AMP ASSY (6/6)

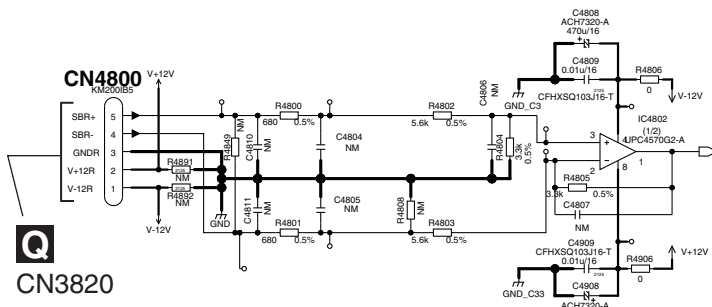
1

2

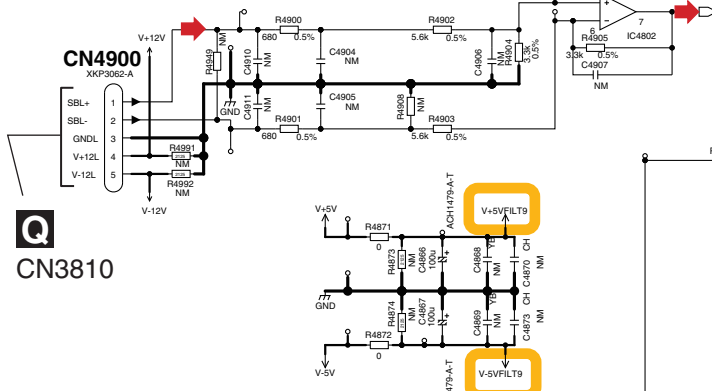
3

4

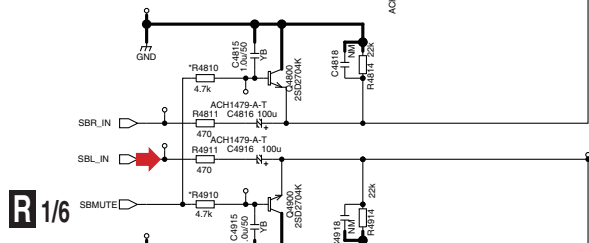
A



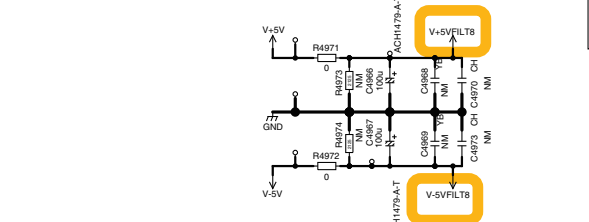
B



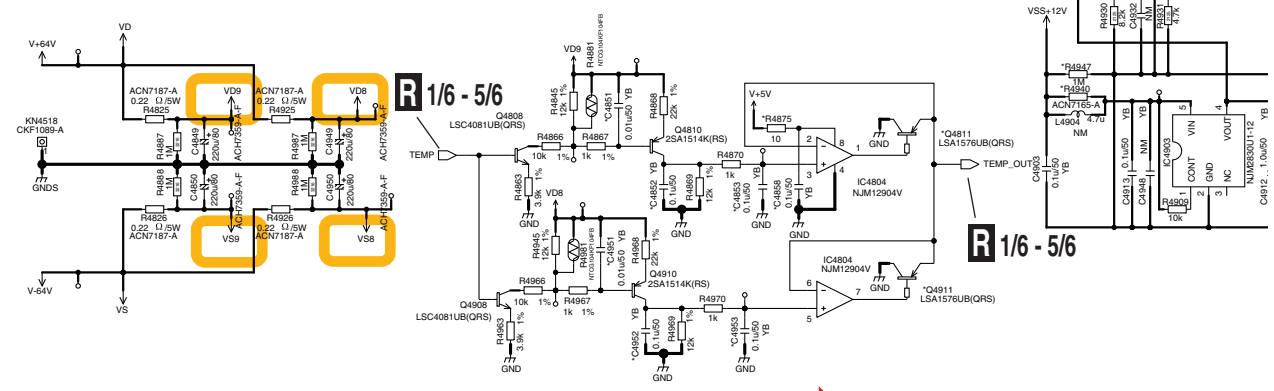
C



D



E



F

The mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

: Audio Signal Route

NOTE
 1. RESISTORS
 Unit: k-kilohm, M-Megohm or Ω unless otherwise noted.
 Rated Power: 1/16w unless otherwise noted.
 Tolerance: (J)5% unless otherwise noted.
 2. CAPACITORS
 Unit: p-pF or u-uF unless otherwise noted.
 Ratings: Capacity (F)/Voltage (V) unless otherwise noted.
 VS: CK/SY/B; OYS: CK/SY/B; SV/B: CK/SY/B; CH: CK/SY/B
 HAT: CE/HAT; ZL: CE/HAZL
 3. NM: No Mount

R6/6

1

2

3

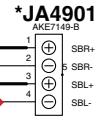
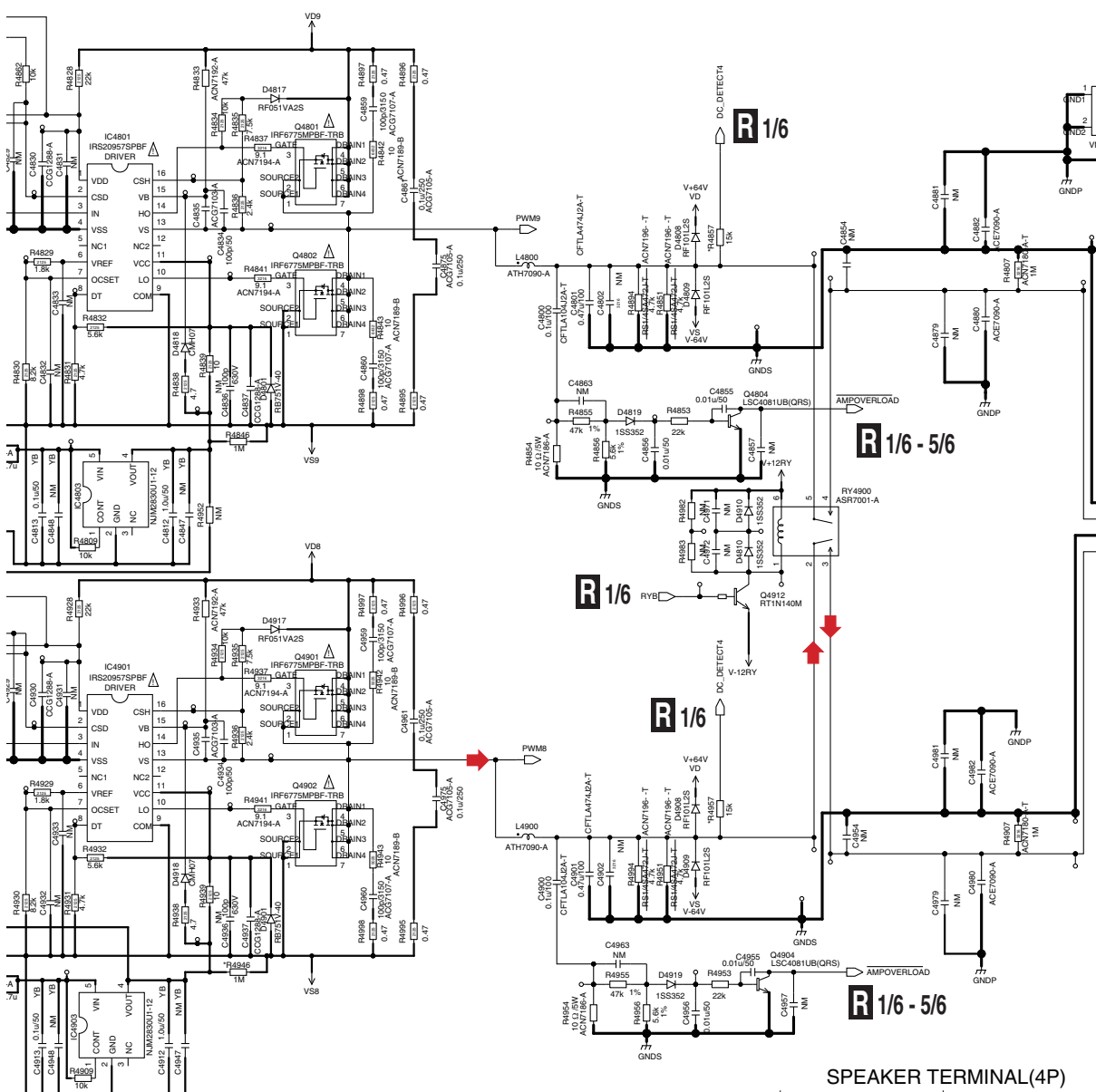
4

R6/6 IR POWER AMP ASSY (6/6)

(SC-57 : AWH7030)
(SC-55/SC-1526-K : AWH7039)

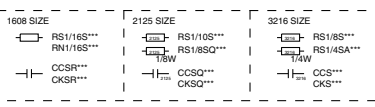
OS FET Driver

Output Power Stage and LP Filter



SPEAKER TERMINAL(4P)

	JA4901
AWH7030	AKE7149-B
AWH7037	AKE7147-B
AWH7038	AKE7149-B
AWH7039	AKE7141-A
AWH7040	AKE7143-A
AWH7041	AKE7141-A
AWH7042	AKE7147-B
AWH7043	AKE7143-A



10.34 PRIMARY and PRIMARY SHIELD ASSYS

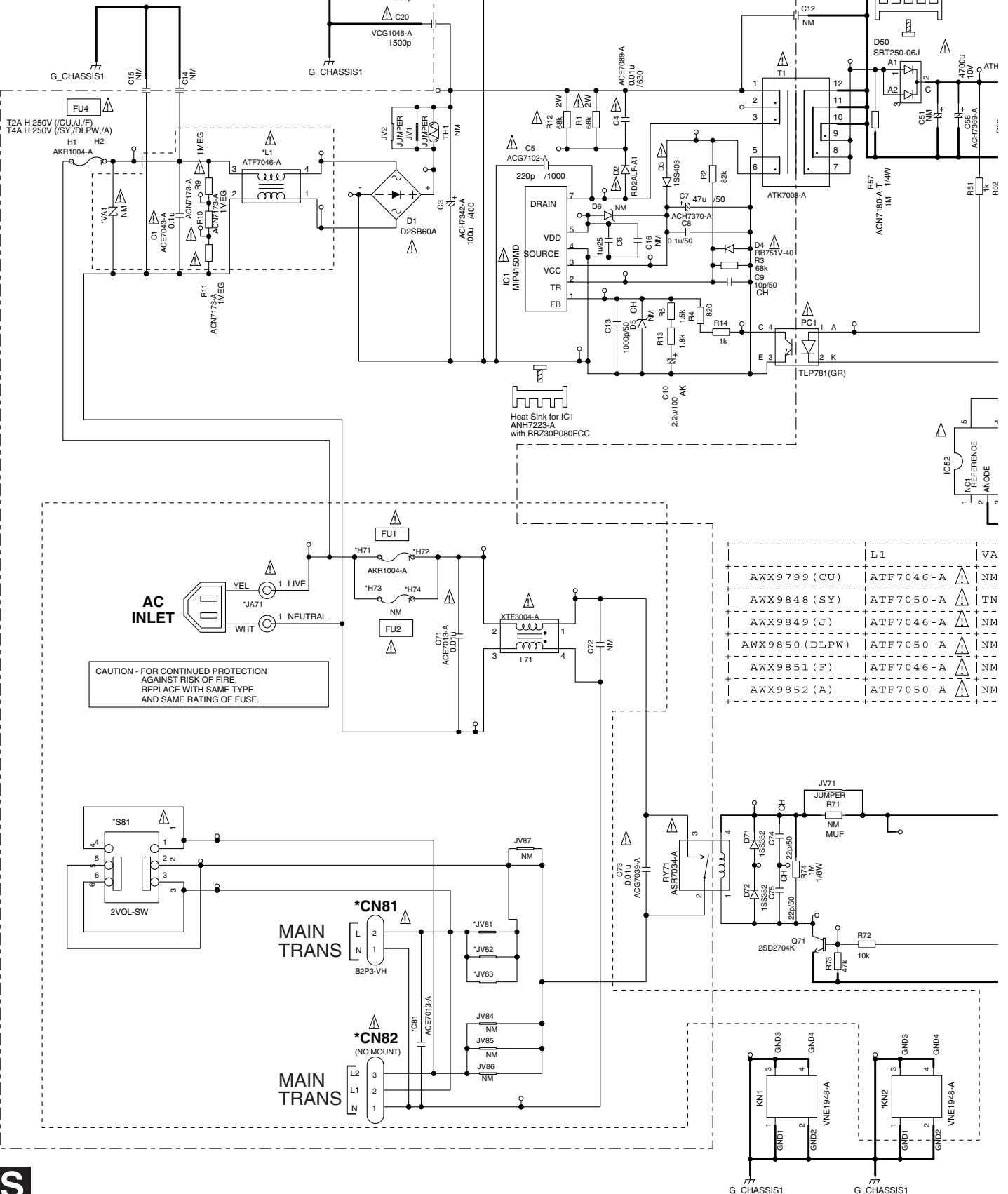
1 2 3 4

PRIMARY

SECONDA

CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE NO.215002. MFD. BY LITTELFUSE INC. FOR FU4.

This caution is applied only north America destination.



CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND SAME RATING OF FUSE.

MAIN TRANS

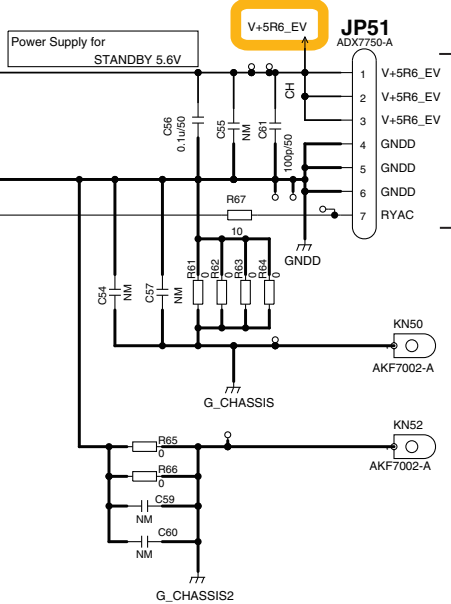
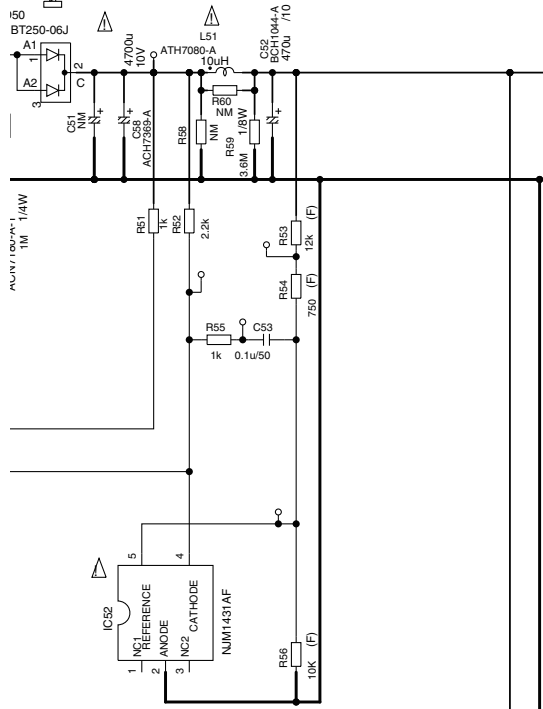
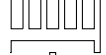
MAIN TRANS

1 2 3 4

CONDARY

S PRIMARY ASSY (AWX9799)

Heat Sink for D50
4NH7224-A
with BBZ30P080FCC



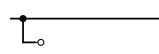
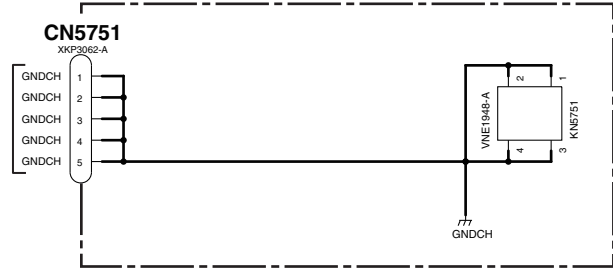
F 10/11
CN9501

The Δ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

1	VA1
TF7046-A	NM
TF7050-A	TND10V-511KB00AAA
TF7046-A	NM
TF7050-A	NM
TF7046-A	NM
TF7050-A	NM

T PRIMARY SHIELD ASSY (AWX9811)

E CN7762



NOTE

1. RESISTORS
Unit: k- Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/10w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
MUF: RD14MUF
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
CH: CCSRCH, CFTLA: CFTLA
AK: CEAK
NO MARKED: CKSRYB or CEAT
3. NM: No Mount

	AWX9799 (CU)	AWX9848 (SY)	AWX9849 (J)	AWX9850 (DLPW)	AWX9851 (F)	AWX9852 (A)
C81	ACE7013-A	NM	ACE7013-A	NM	ACE7013-A	NM
CN81	B2P3-VH	NM	B2P3-VH	NM	NM	NM
CN82	NM	B3P5-VH	NM	B3P5-VH	B3P5-VH	B3P5-VH
H71	AKR1004-A	AKR1004-A	NM	AKR1004-A	AKR1004-A	AKR1004-A
H72	AKR1004-A	AKR1004-A	NM	AKR1004-A	AKR1004-A	AKR1004-A
H73	NM	NM	AKR7004-A	NM	NM	NM
H74	NM	NM	AKR7004-A	NM	NM	NM
JA71	ADX7464-B	ADX7464-B	ADX7513-A	ADX7464-B	ADX7464-B	ADX7464-B
JA71_1	ADX7464-B	ADX7464-B	ADX7513-A	ADX7464-B	ADX7464-B	ADX7464-B
JV81	JUMPER	JUMPER	JUMPER	NM	JUMPER	NM
JV82	JUMPER	JUMPER	JUMPER	NM	JUMPER	NM
JV83	JUMPER	JUMPER	JUMPER	NM	JUMPER	NM
KN2	VNE1948-A	VNE1948-A	VNE1948-A	NM	VNE1948-A	NM
SB1	NM	NM	NM	AKX7020-A	NM	AKX7020-A

ASSIS1

10.35 REG ASSY

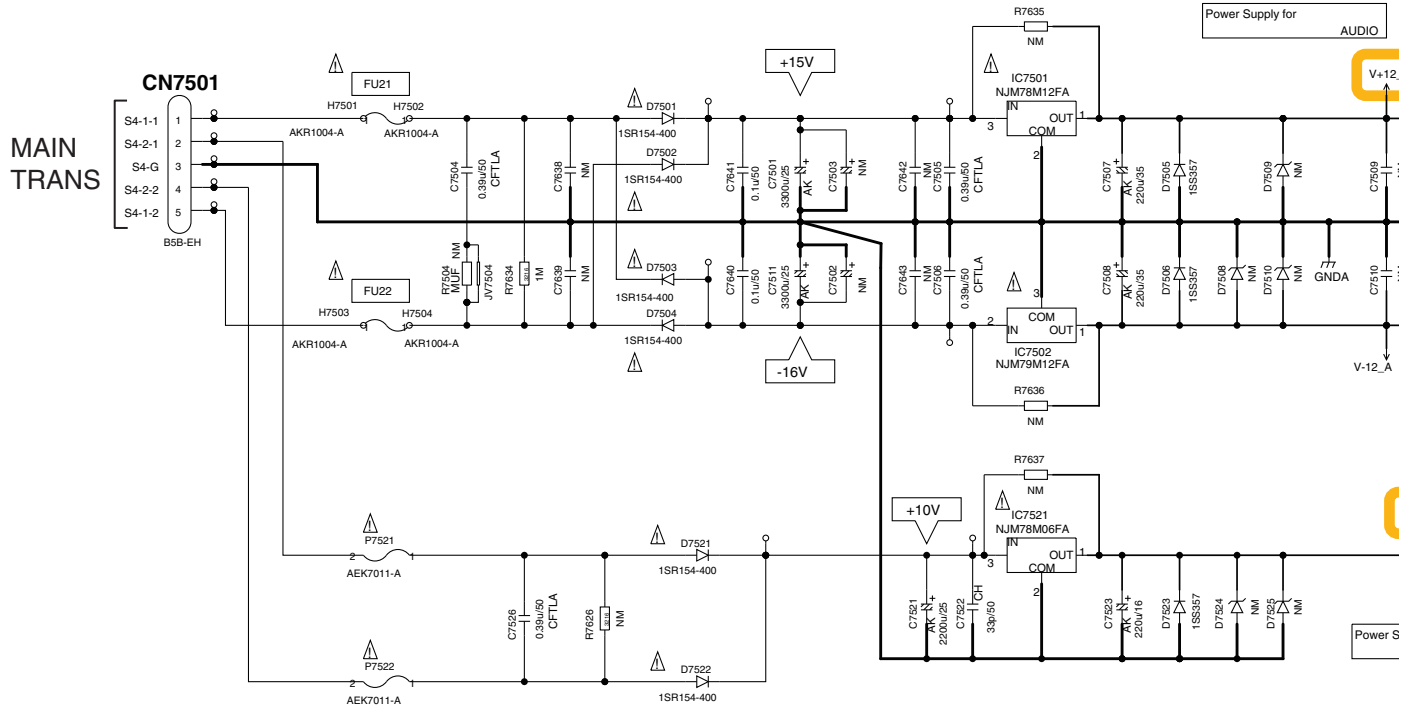
1

2

3

4

A

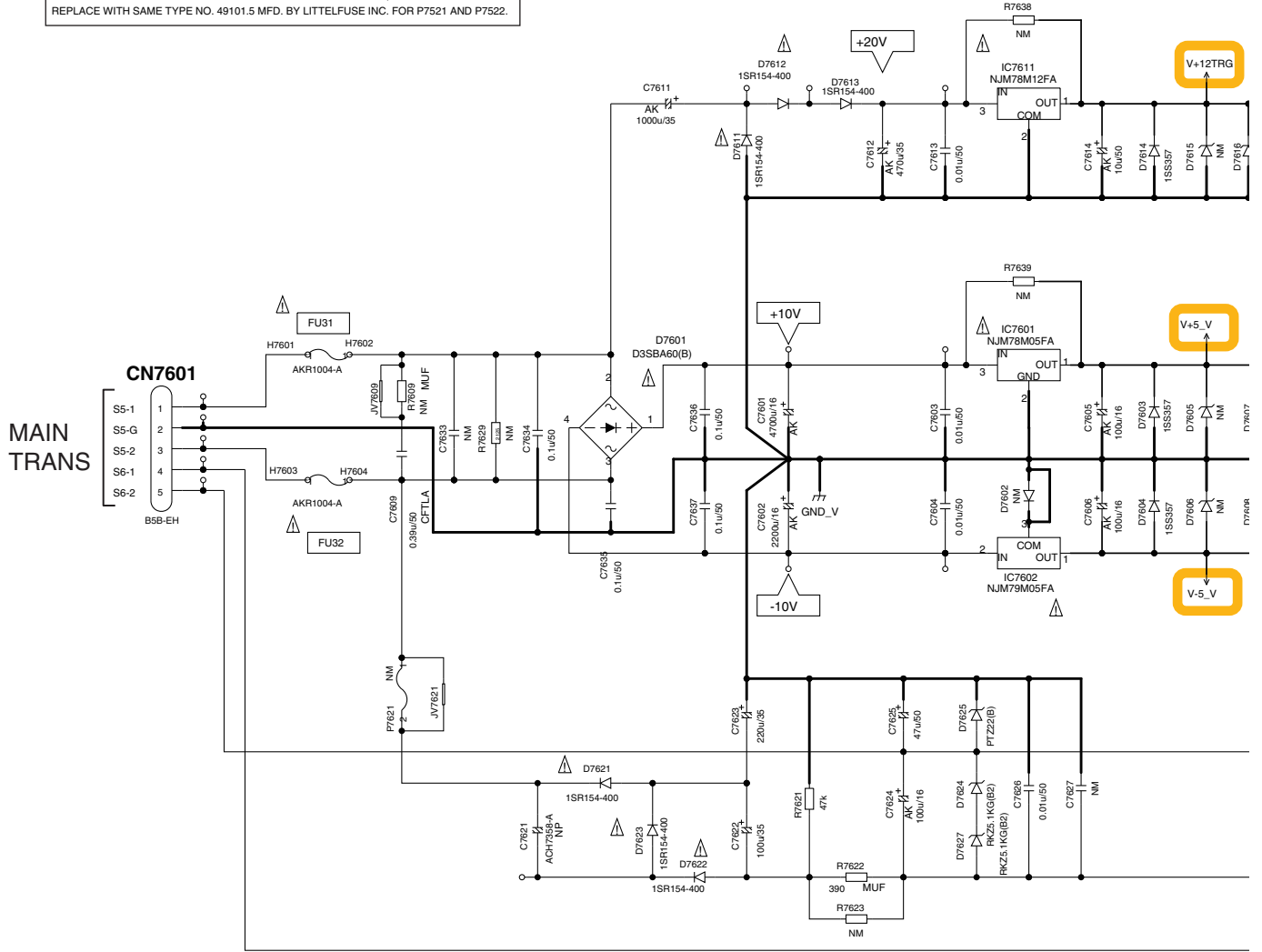


B

C

CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE NO. 49101.5 MFD. BY LITTELFUSE INC. FOR P7521 AND P7522.

D



E

F



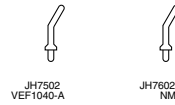
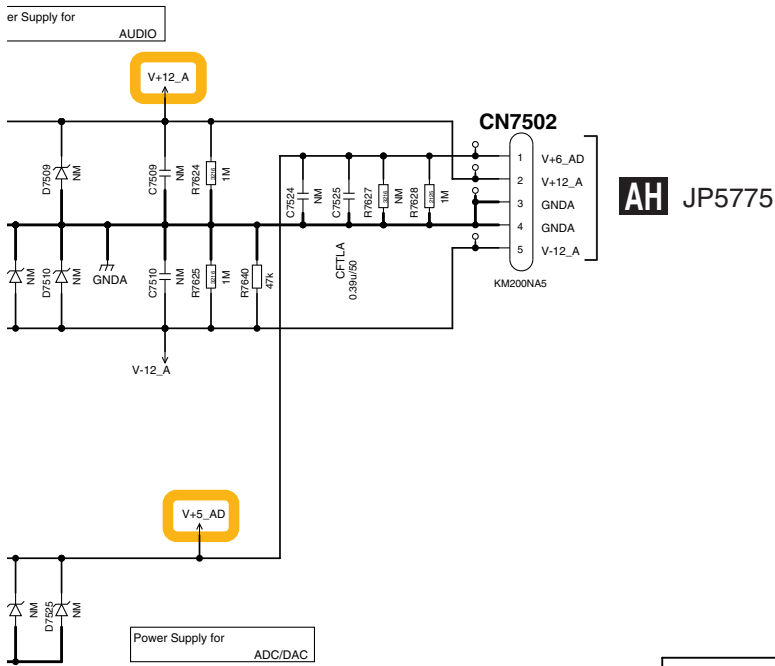
1

2

3

4

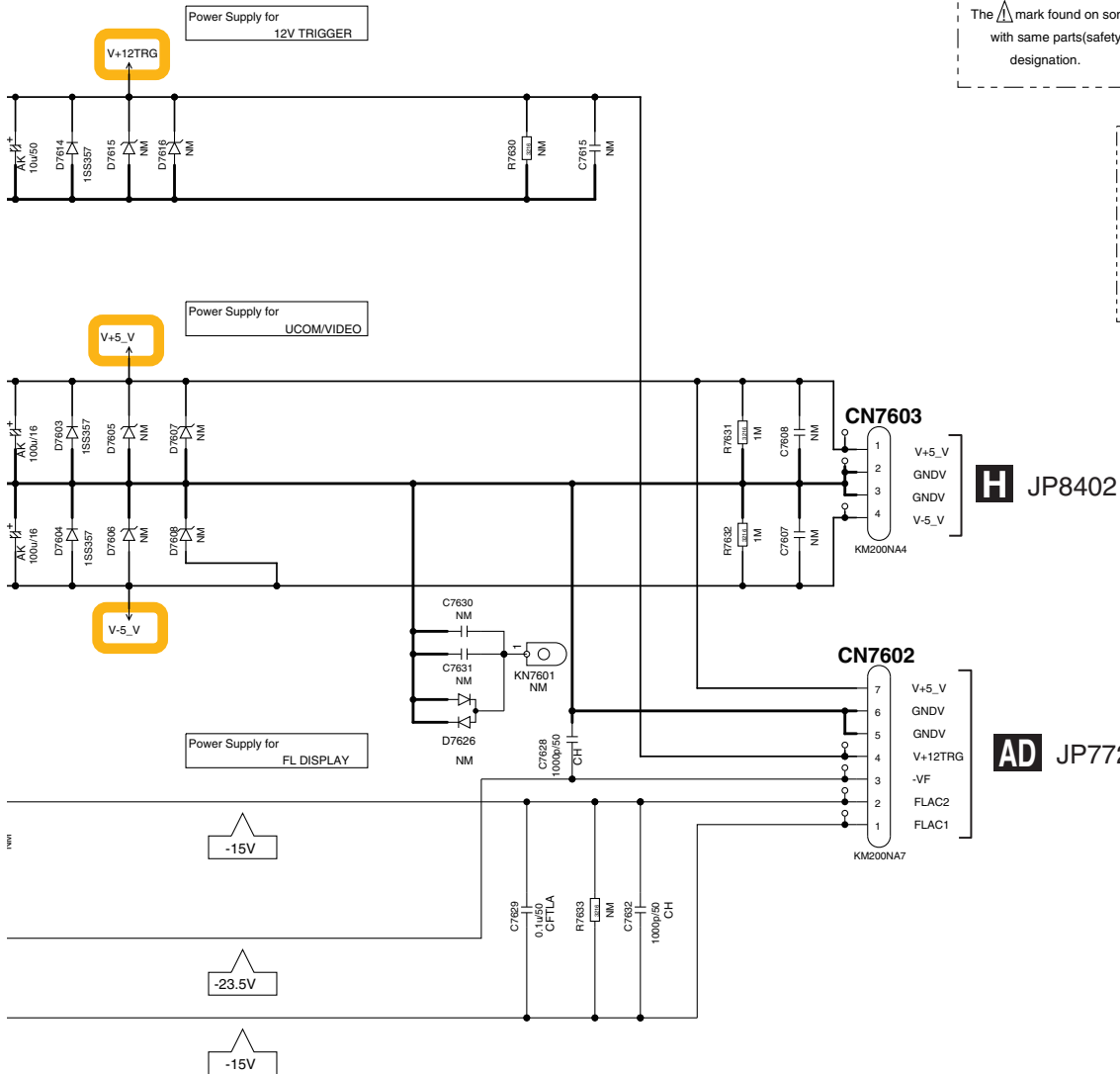
U REG ASSY (AWX9813)



CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

The mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

NOTE
 1. RESISTORS
 Unit: k- Ω , M-M Ω or Ω unless otherwise noted.
 Rated Power: 1/16w unless otherwise noted.
 Tolerance: \pm 10% unless otherwise noted.
 MUF: RD14MUF
 2. CAPACITORS
 Unit: p-pF or μ -pF unless otherwise noted.
 Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
 CH: CDSRCH, CFTLA: CFTLA
 NP: CEANP, AK: CEAK
 NO MARKED: OKSRVB or CEAT
 3. NM: No Mount



10.36 IR REG ASSY

1

2

3

4

A

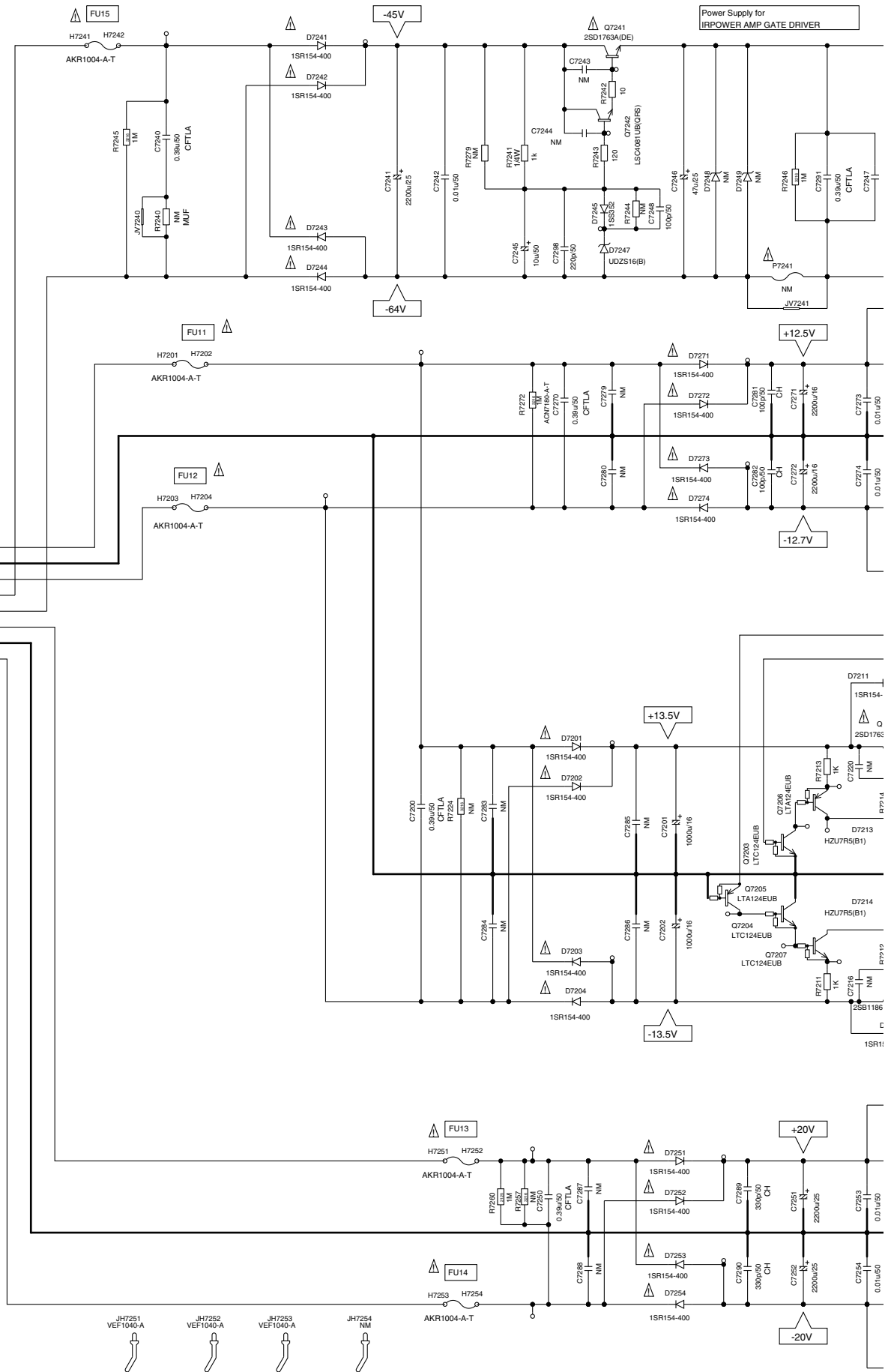
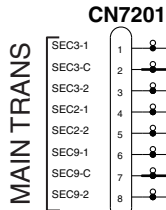
B

C

D

E

F



1

2

3

4

V IR REG ASSY (AWX9806)

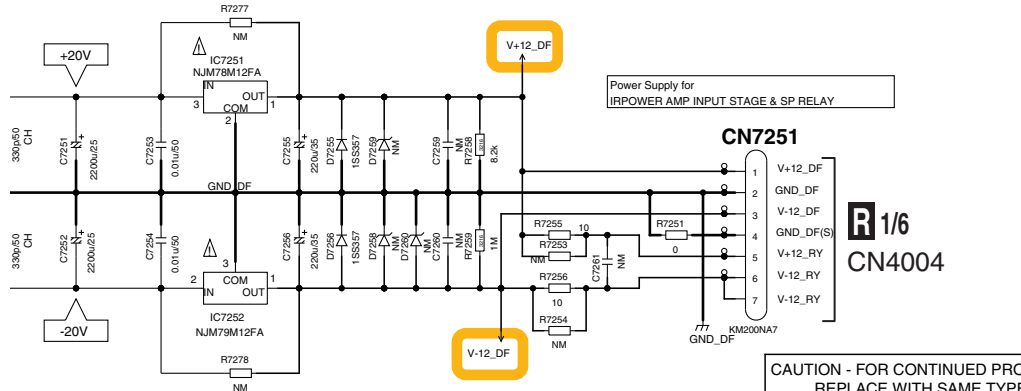
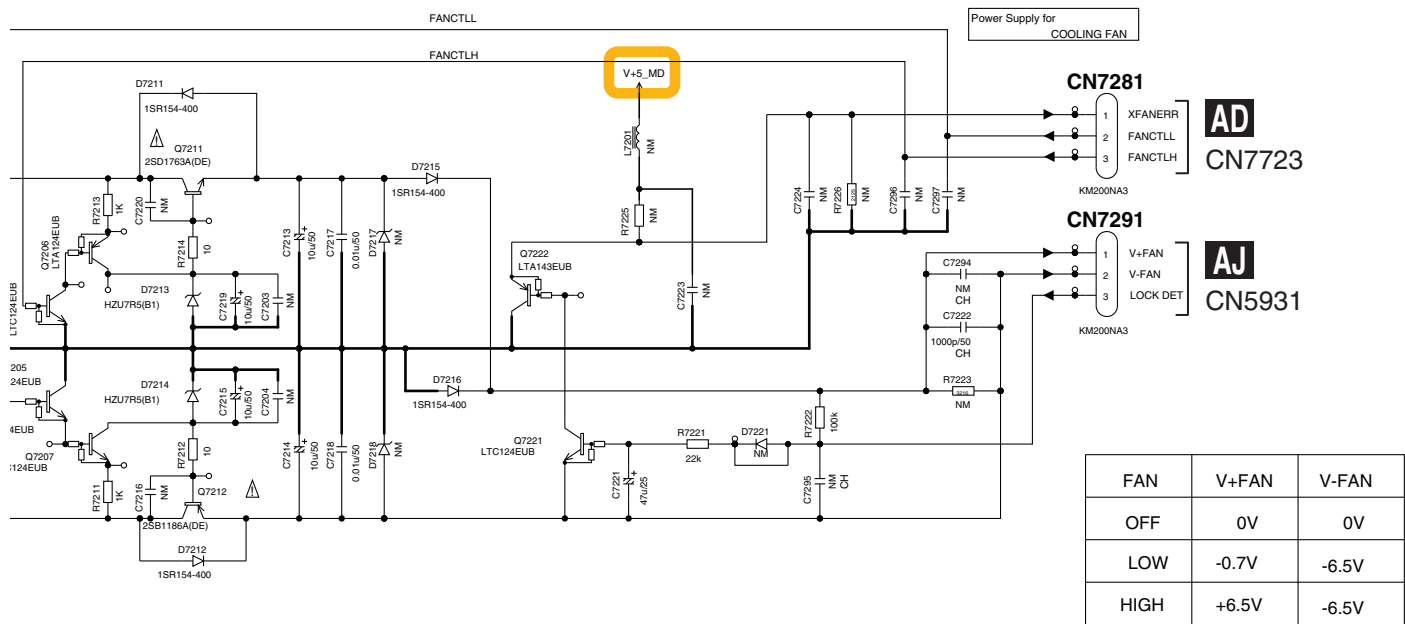
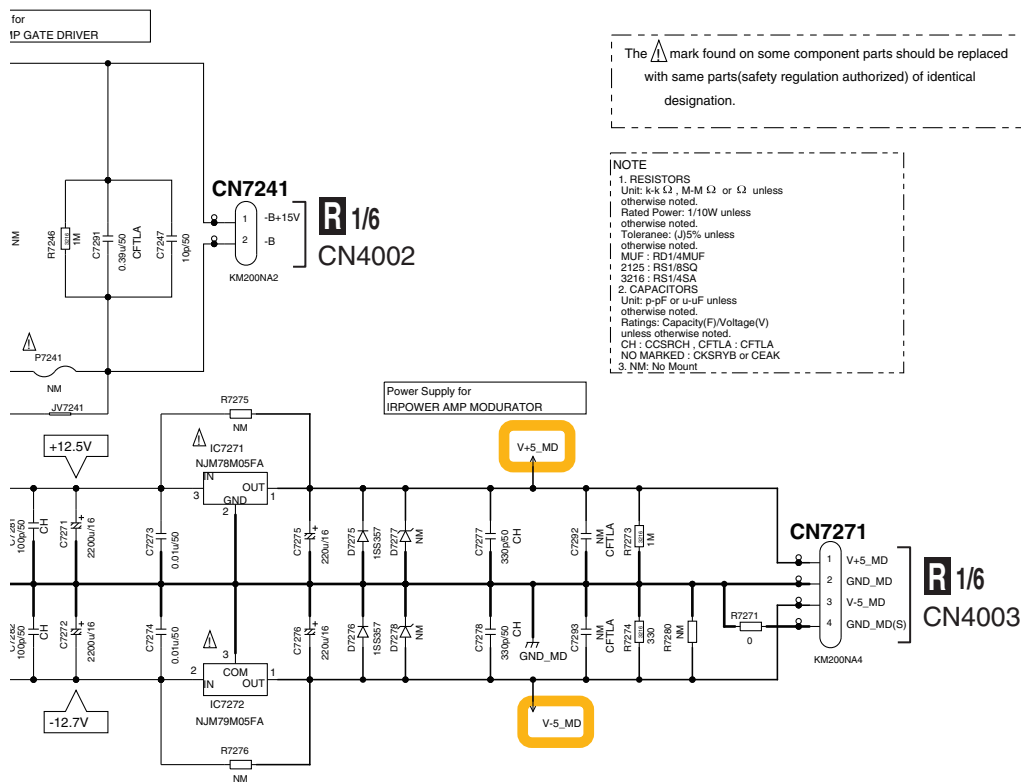
A
B
C
D
E
F

The Δ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

NOTE

1. RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/10W unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
MUF: RD14MUF
2125: RS1/8SQ
3216: RS1/4SA

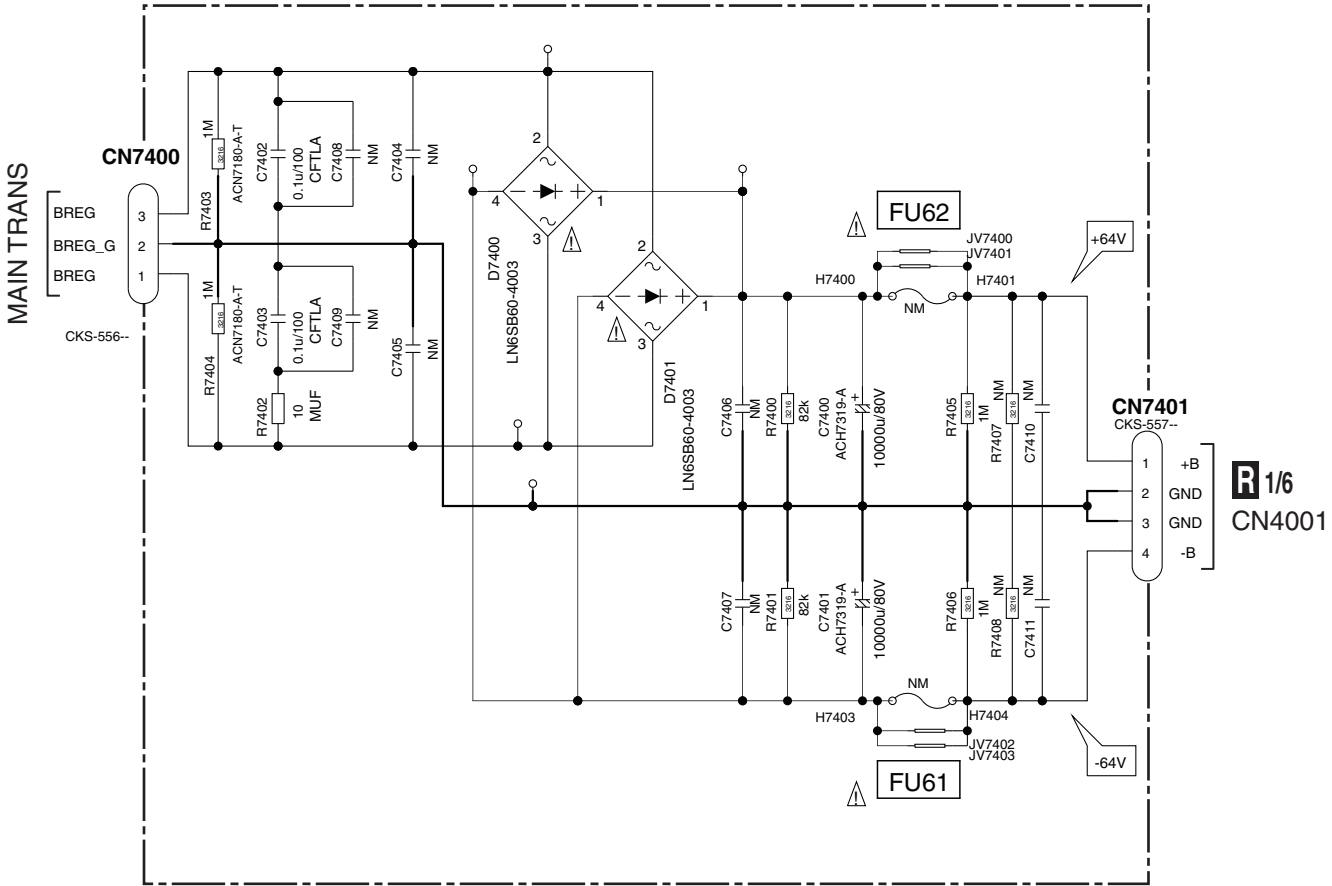
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
CH: CCSRCH, CFTLA: CFTLA
NO MARKED: CKSRYB or CEAK
3. NM: No Mount



CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

10.37 B DIODE ASSY

W B DIODE ASSY (AWX9808)



The \triangle mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

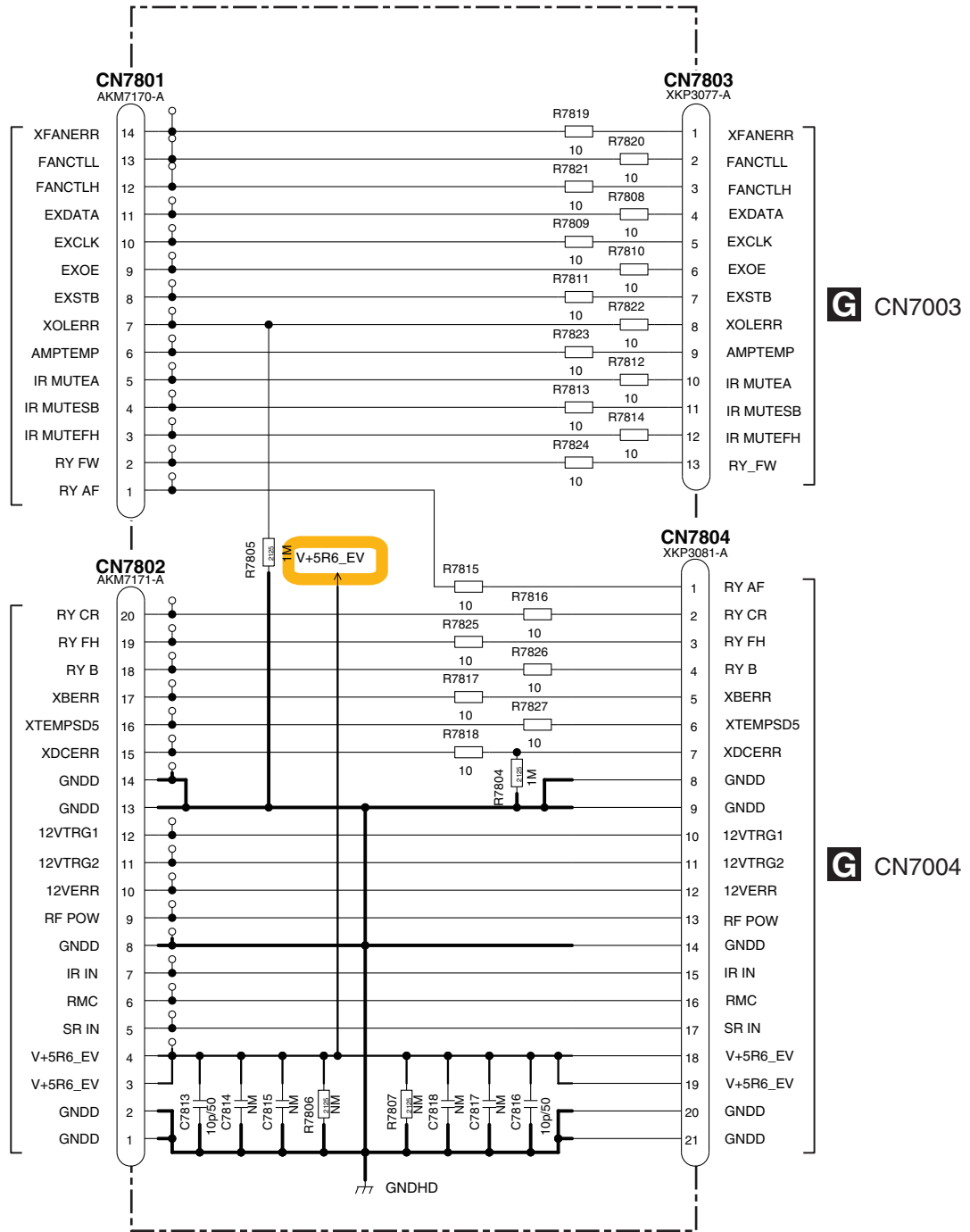
CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

NOTE
 1. RESISTORS
 Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
 Rated Power: 1/10w unless otherwise noted.
 Tolerance: (J)5% unless otherwise noted.
 MUF : RD1/4MUF
 3216 : RS1/4SA unless otherwise noted.
 2. CAPACITORS
 Unit: p-pF or u-uF unless otherwise noted.
 Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
 CFTLA : CFTLA
 3. NM: No Mount

10.38 CONNECT ASSY

X CONNECT ASSY (AWX9820)

F 2/11
CN603



F 2/11
CN602

G CN7003

G CN7004

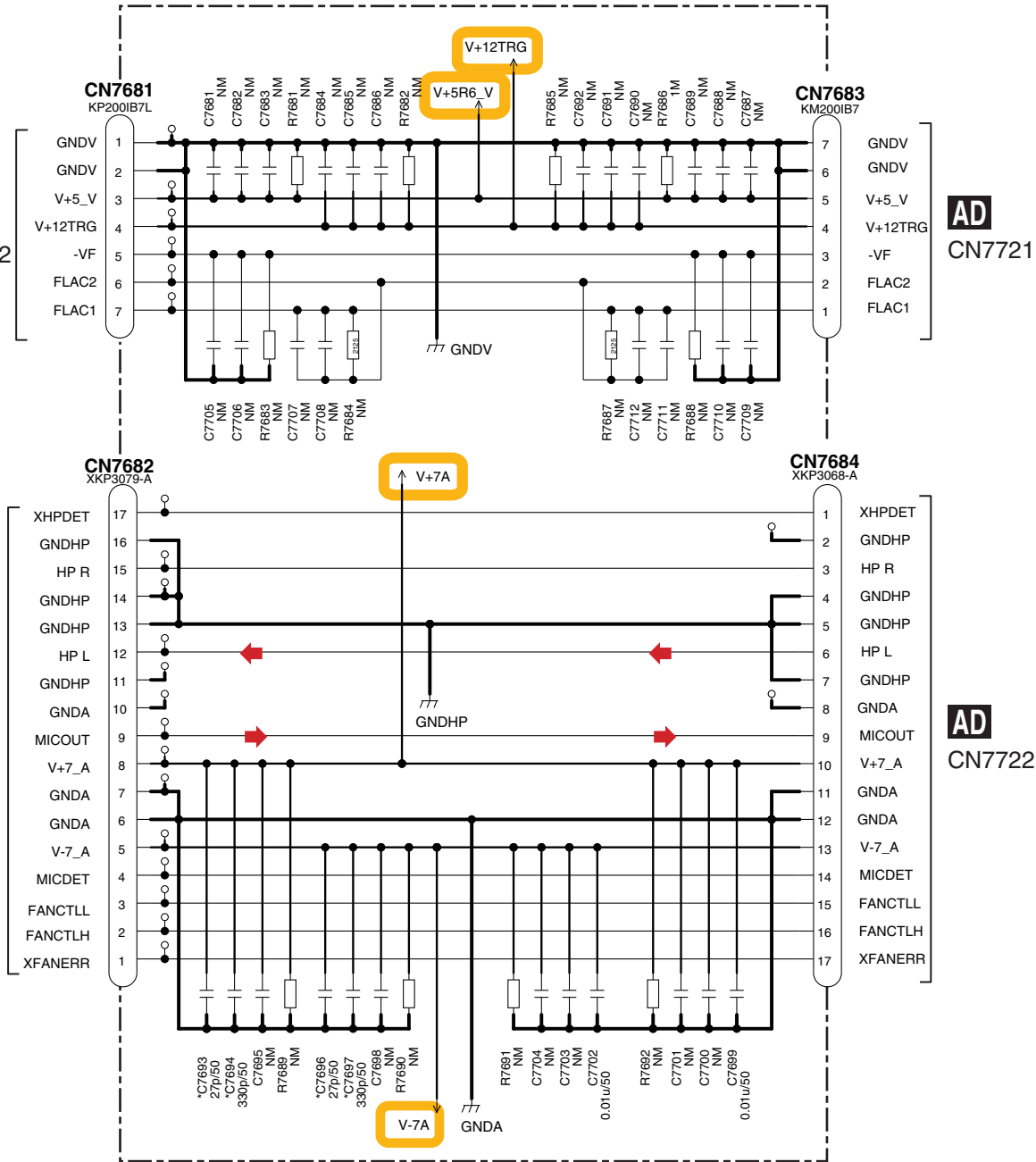
NOTE

1. RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
3. NM: No Mount



10.39 FB-CONNECT ASSY

Y FB-CONNECT ASSY (AWX9819)



➔ : Audio Signal Route

	AWX9819	AWX9966
C7693	27p/50	NM
C7694	330p/50	NM
C7696	27p/50	NM
C7697	330p/50	NM

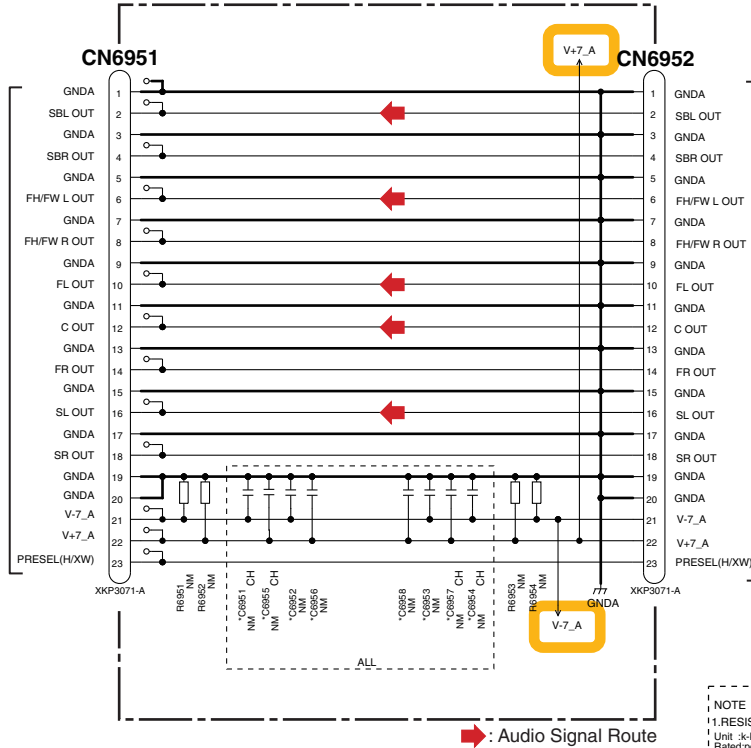
NOTE

- RESISTORS**
Unit: k-k Ω, M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
- CAPACITORS**
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
- NM: No Mount

10.40 PRE BRIDGE and A-DAC BRIDGE ASSYS

Z PRE BRIDGE ASSY (AWX9809)

O CN6801

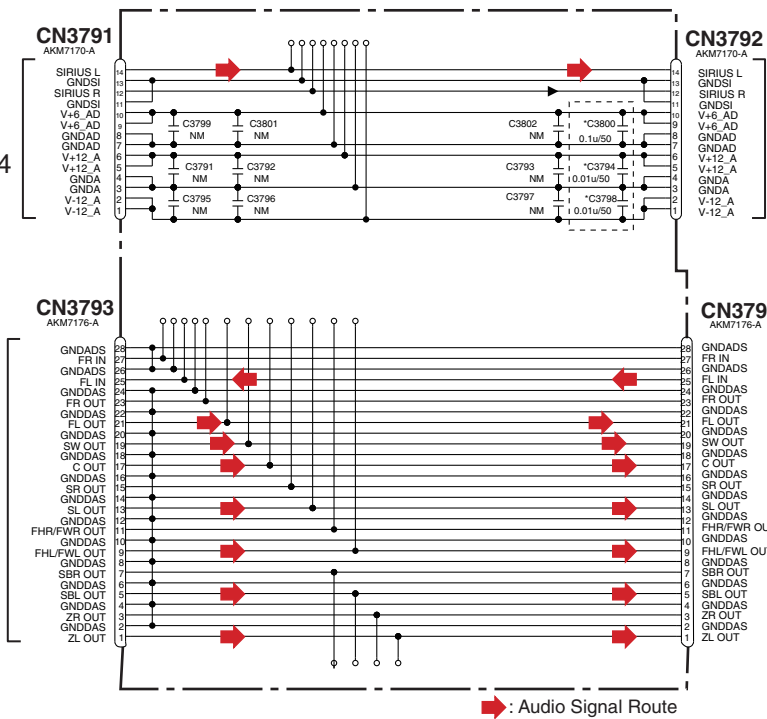


A 2/3
CN3051

NOTE
1.RESISTORS
Unit :k- Ω , M-M Ω or Ω unless otherwise noted.
Rated power :1/10W unless otherwise noted.
Tolerance : \pm 5% unless otherwise noted.
2.CAPACITORS
Unit :p-pF or μ F or unless otherwise noted.
Ratings :Capacity(μ F)/Voltage(V) unless otherwise noted.
YB :CKSRVB CH :CCSRCH AT :CEAT JQ :CEJQ
3.NM :No mount

AA A-DAC BRIDGE ASSY (AWX9936)

B 2/2
CN2104



A 1/3
CN3001

A 1/3
CN2502

B 2/2
CN2103

	AWX9771	AWX9936
C3798	NM	0.01 μ /50
C3799	NM	0.01 μ /50
C3800	NM	0.1 μ /50

Z AA

Z AA

10.41 D-AUDIO BRIDGE and D-DAC BRIDGE ASSYS

AB D-AUDIO BRIDGE ASSY (AWX9769)

F 6/11
CN1503

A 1/3
CN3901

F 6/11
CN1502

A 1/3
CN2861

NOTE
 1. RESISTORS
 Unit: k- Ω , M-M Ω or Ω unless otherwise noted.
 Rated Power: 1/10w unless otherwise noted.
 Tolerance: (J)5% unless otherwise noted.
 2. CAPACITORS
 Unit: p-pF or u-uF unless otherwise noted.
 Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
 CH: CCSRCH
 NO MARKED: CKSRYB
 3. NM: No Mount

AC D-DAC BRIDGE ASSY (AWX9935)

F 8/11
CN9003

B 1/2
CN2102

F 8/11
CN9002

B 1/2
CN2101

	AWX9770	AWX9935
C3785	NM	0.1u/50
C3786	NM	0.01u/50
C3787	NM	1.00p/50

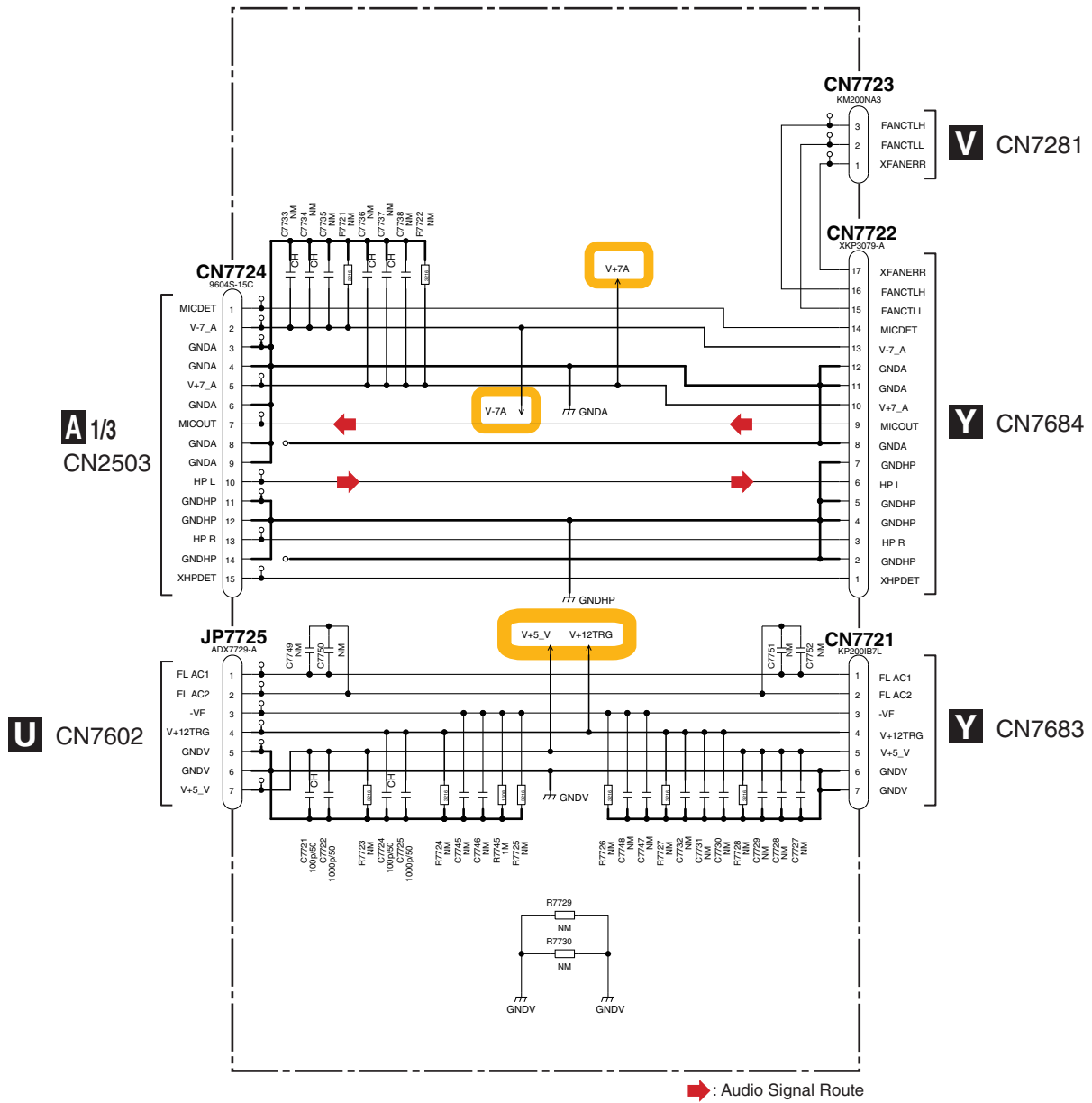
A 1/3
CN2501

→ : Audio Signal Route

SC-57

10.42 FRONT BRIDGE ASSY

AD FRONT BRIDGE ASSY (AWX9814)



A 1/3
CN2503

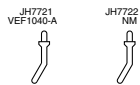
U CN7602

V CN7281

Y CN7684

Y CN7683

➔ Audio Signal Route

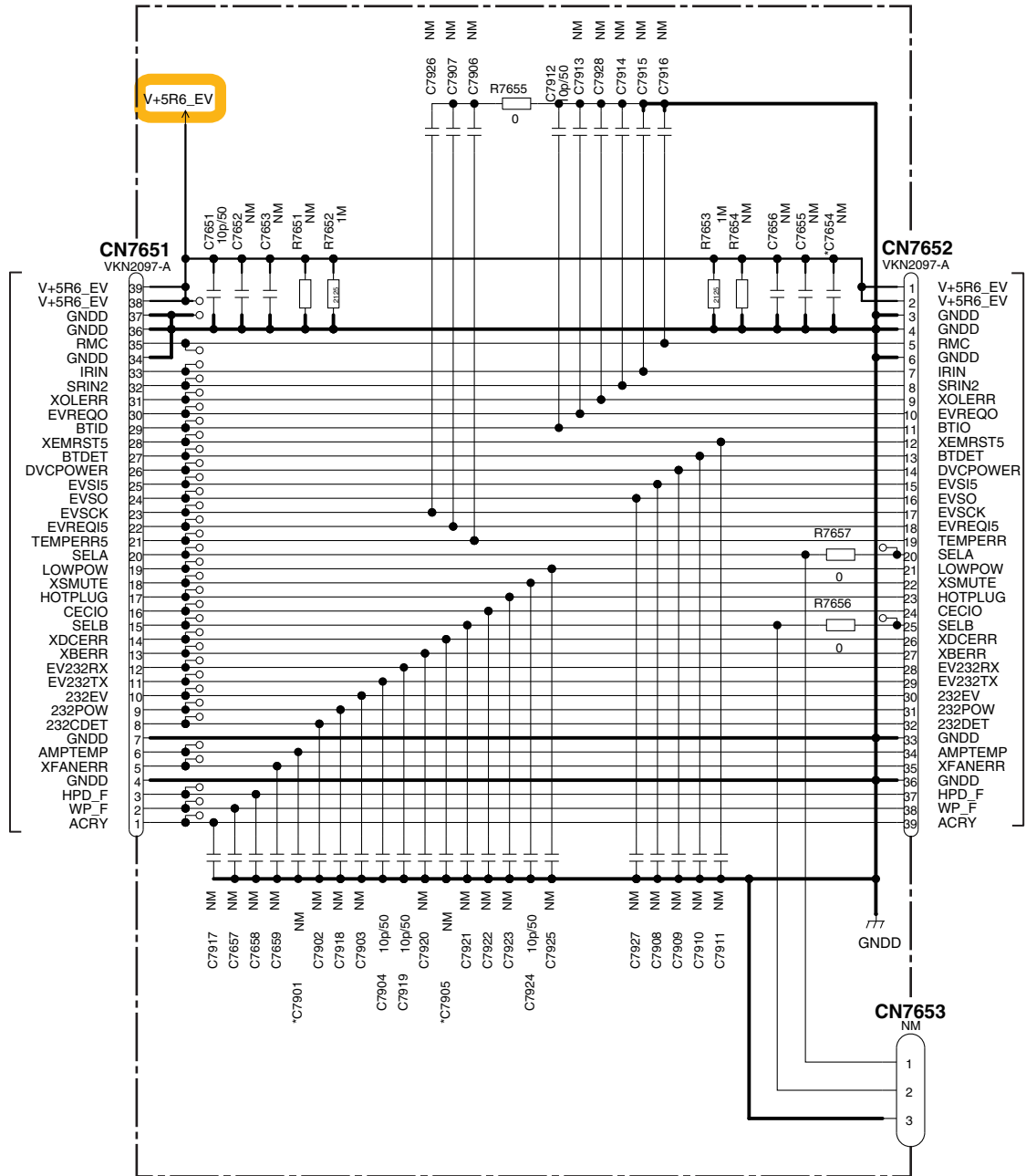


NOTE

- RESISTORS**
Unit: k-k Ω, M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
- CAPACITORS**
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
- NM: No Mount

10.43 DISPLAY BRIDGE ASSY

AE DISPLAY BRIDGE ASSY (AWX9815)



F 2/11
CN601

K
CN3001

	AWX9815	AWX9956
C7654	NM	100p/50
C7901	NM	10p/50
C7905	NM	10p/50

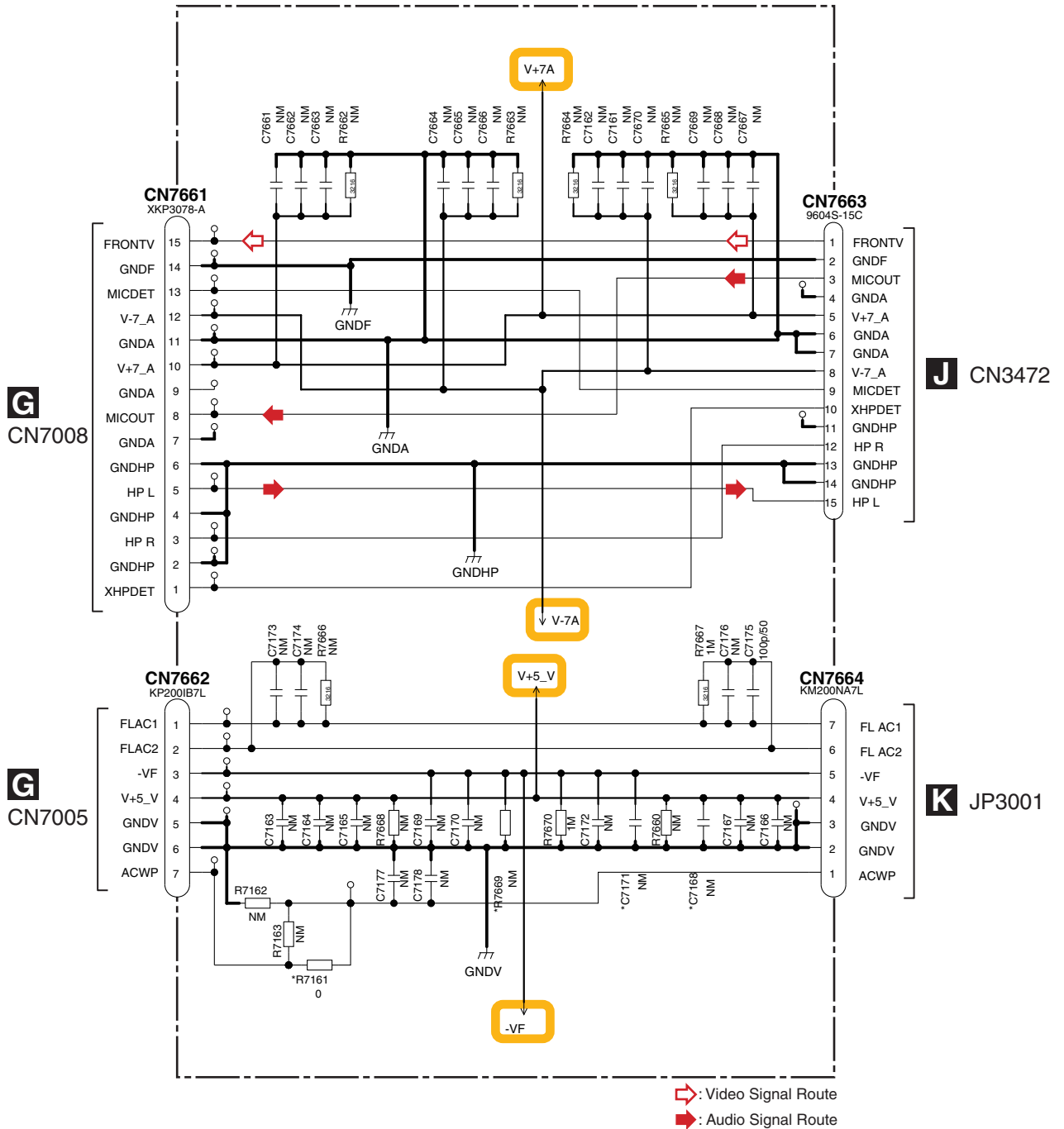


NOTE

- RESISTORS**
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
- CAPACITORS**
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
- NM: No Mount

10.44 F-IN BRIDGE ASSY

AF F-IN BRIDGE ASSY (AWX9816)



: Video Signal Route
 : Audio Signal Route

	AWX9816	AWX9965
R7161	0 Ω	10 Ω
R7669	NM	1M Ω
C7168	NM	100p/50
C7171	NM	33p/50

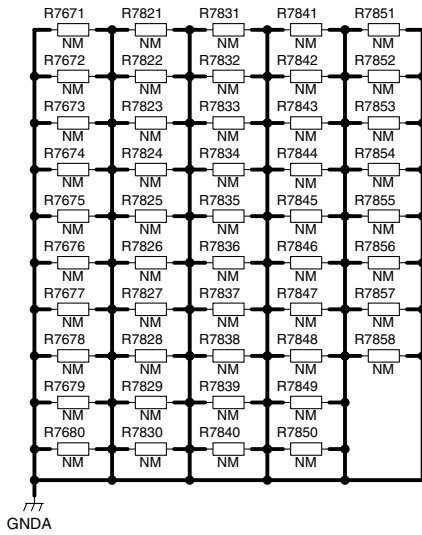
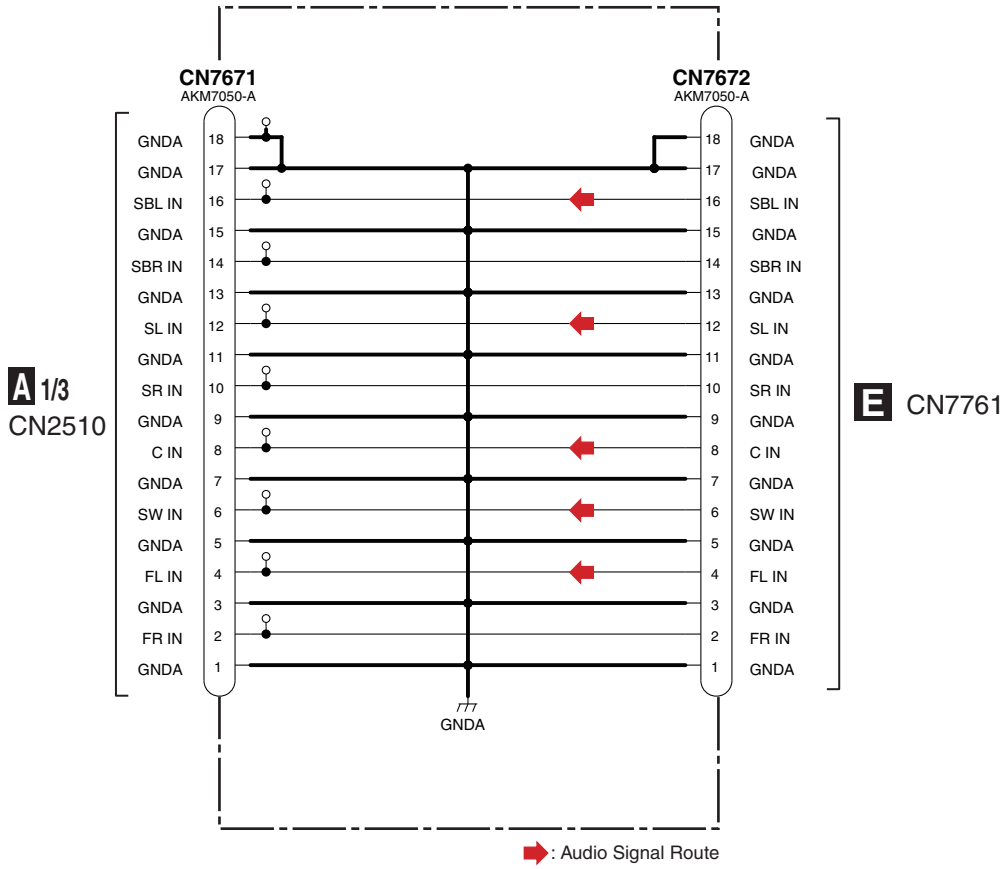


NOTE

- RESISTORS
Unit: k-k Ω, M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
- CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
- NM: No Mount

10.45 MCH BRIDGE ASSY(SC-57)

AG MCH BRIDGE ASSY (SC-57:AWX9818)



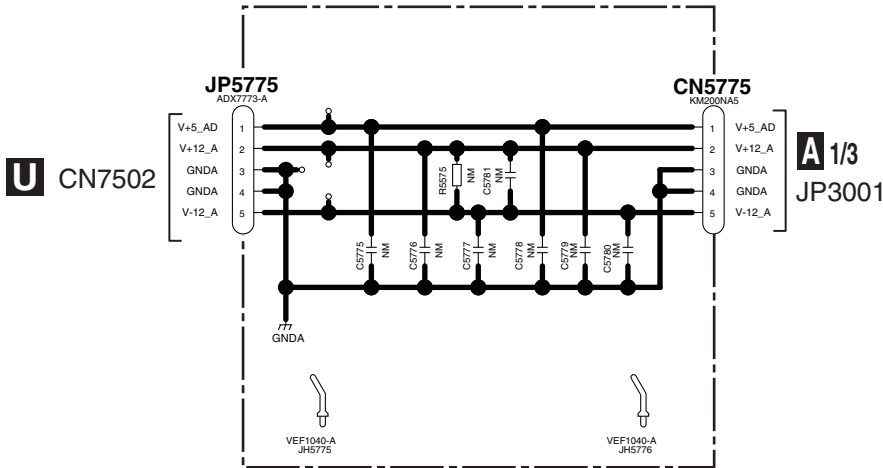
NOTE

- RESISTORS**
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
- CAPACITORS**
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
- NM: No Mount**

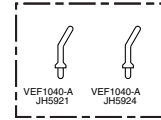
5 6 7 8

10.46 A REG BRIDGE, MIC HP GUARD, FAN CONNECT, BIND DM/BIND B CABLE, FFC GUARD2 and VREG GUARD ASSYS

AH A REG BRIDGE ASS'Y (AWX9810)

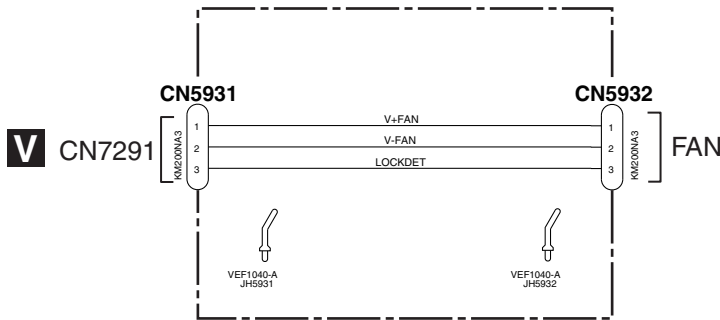


AI MIC HP GUARD ASSY (AWX9803)

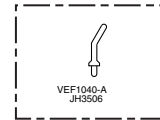


A 1/3 JP3001

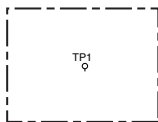
AJ FAN CONNECT ASSY (AWX9804)



AK BIND DM CABLE ASSY (AWX9863)



AL BIND B CABLE ASSY (AWX9807)



AM FFC GUARD2 ASSY (AWX9812)



AN VREG GUARD ASSY (AWX9895)

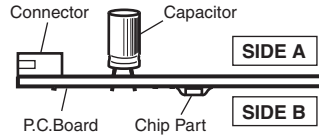


NOTE
 1. RESISTORS
 Unit: k-Ω, M-M Ω or Ω unless otherwise noted.
 Rated Power: 1/16w unless otherwise noted.
 Tolerance: (J)5% unless otherwise noted.
 2. CAPACITORS
 Unit: p-pF or u-uF unless otherwise noted.
 Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
 3. NM: No Mount

NOTE FOR PCB DIAGRAMS :

1. The parts mounted on this PCB include all necessary parts for several destinations. For further information for respective destinations, be sure to check with the schematic diagram.

2. View point of PCB diagrams.

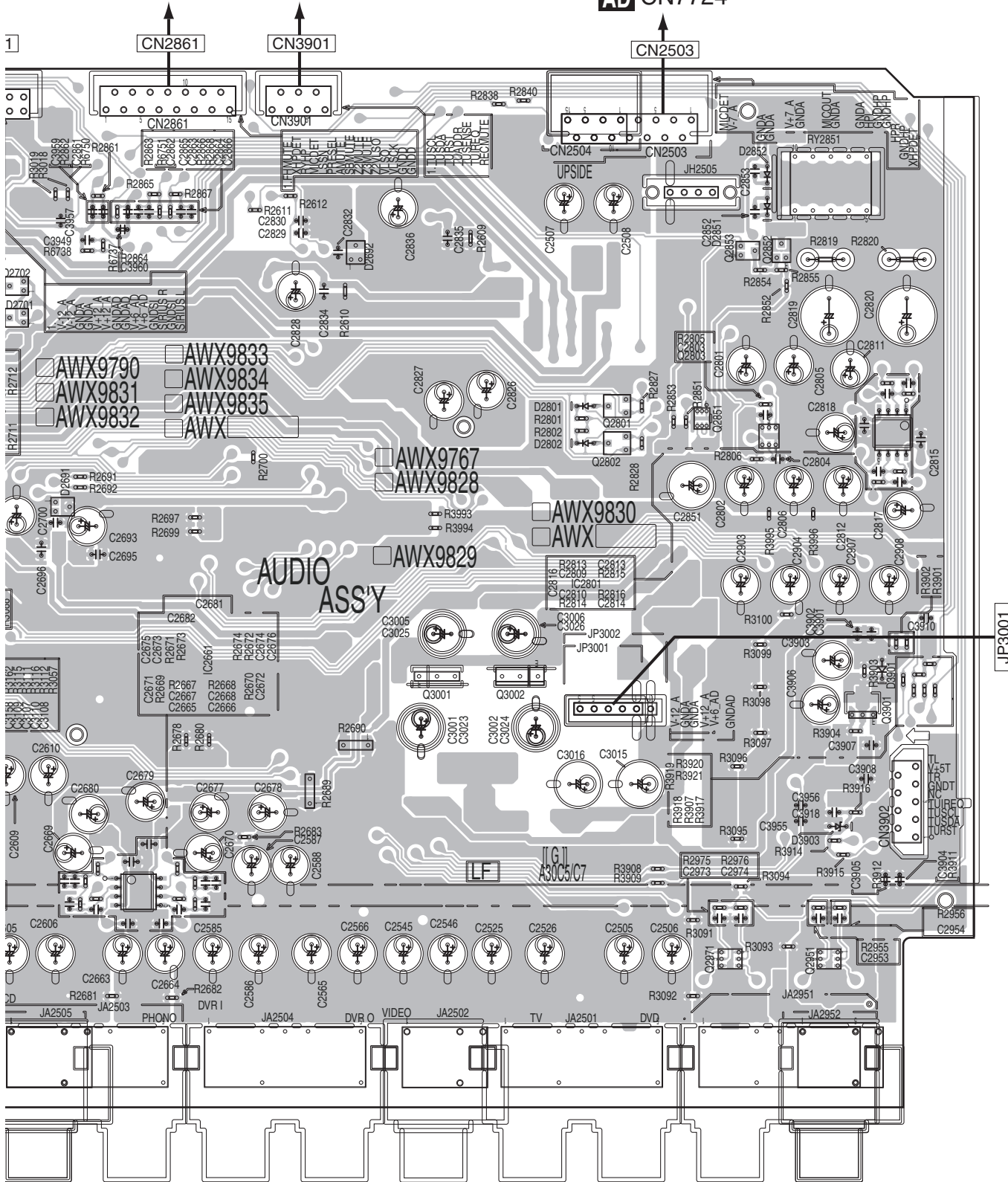


SIDE A

792

AB CN3774 **AB** CN3772

AD CN7724



AH CN5775

(ANP7778-C)

SC-57

A

SIDE B

A

A AUDIO ASSY

B

C

D

E

F

IC Q
Q3221
Q3222

IC3273

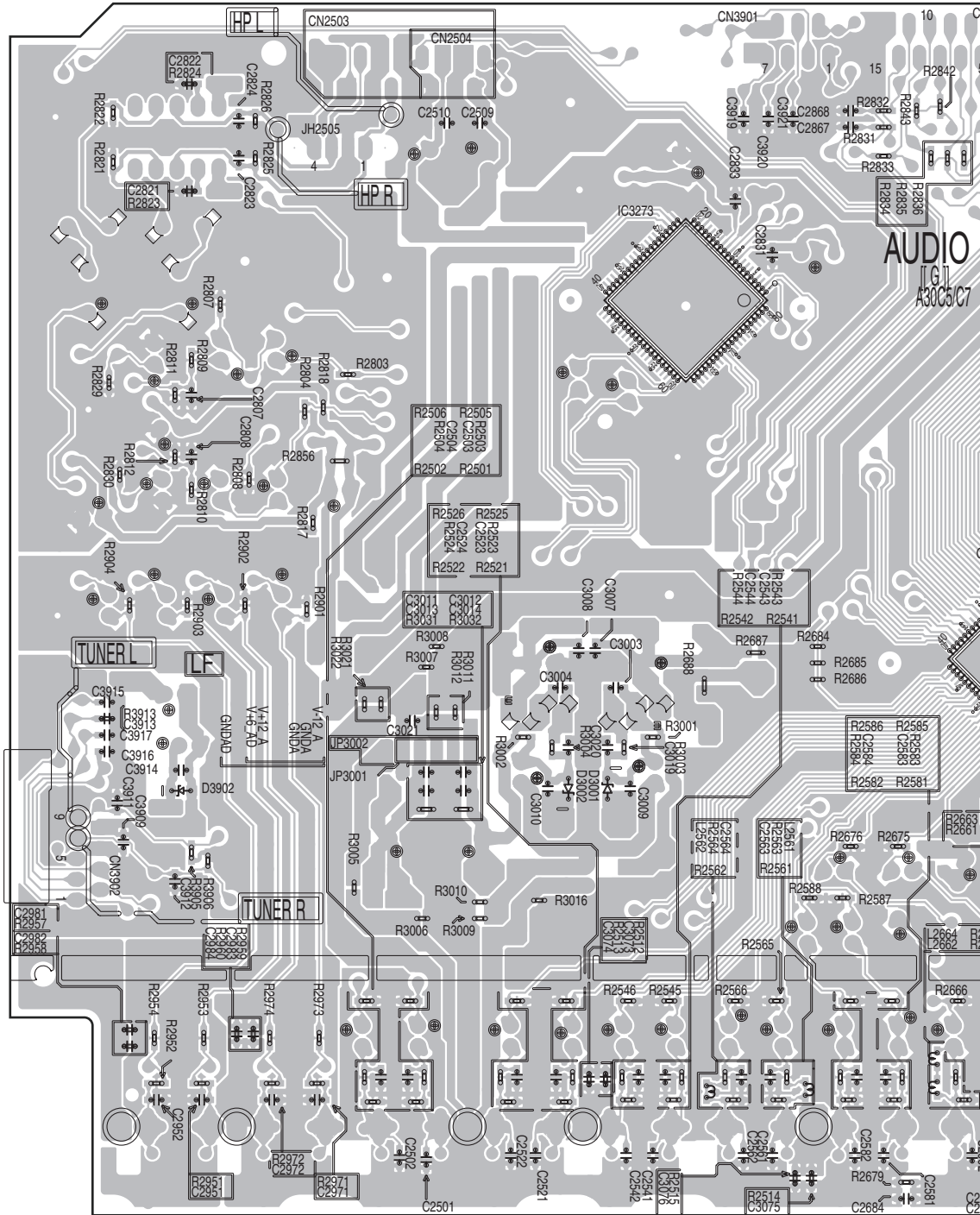
IC2501

JP3001

CN2503

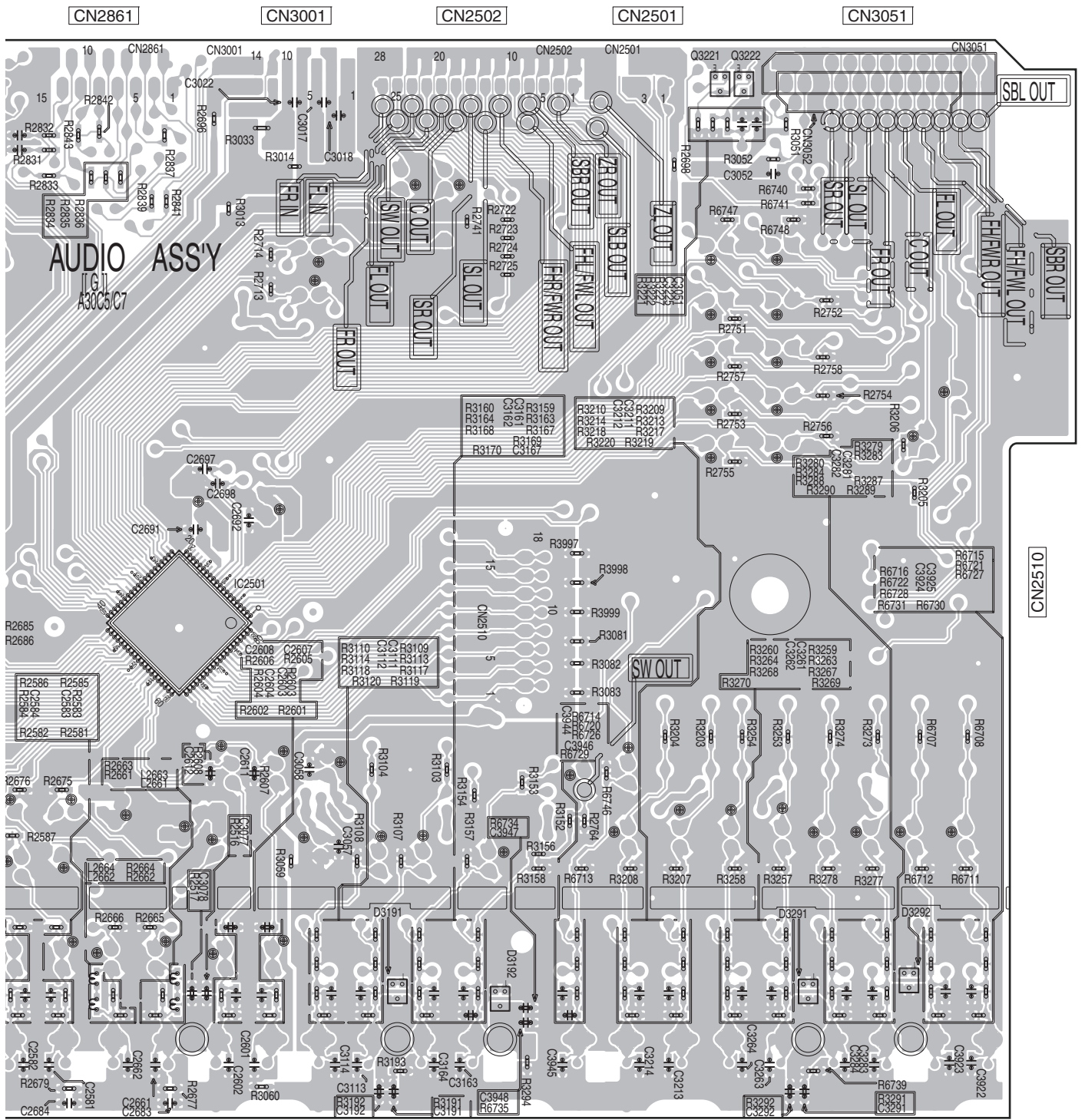
CN3901

CN2861



SIDE B

A
B
C
D
E
F



(ANP7778-C)

SC-57



11.2 DAC HIGH ASSY

SIDE A

B DAC HIGH ASSY

A
B
C
D
E
F

IC O

IC2001

IC2010 IC2008

IC2021

IC2004

IC2009

IC2016

IC2431

IC2011

IC2012 IC2013

IC2017

IC2014

IC2003

IC2005

IC2006

IC2018

IC2007

IC2402

IC2401

IC2183

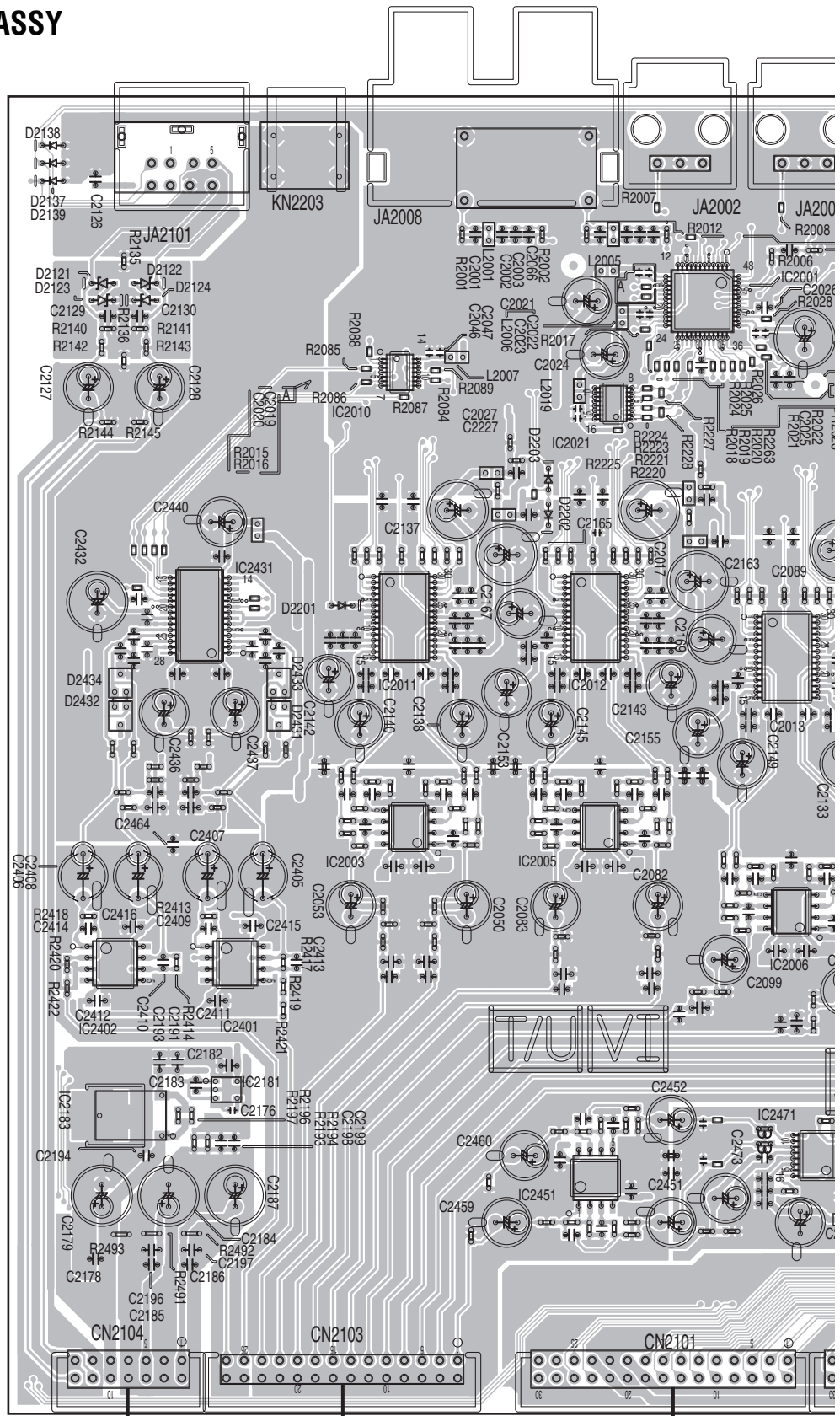
IC2181

IC2471

IC2106

IC2451

IC2015



CN2104 CN2103 CN2101

AA CN3791 **AA** CN3793 **AC** CN3783

SC-57

B
180

1 2 3 4

SIDE A

A

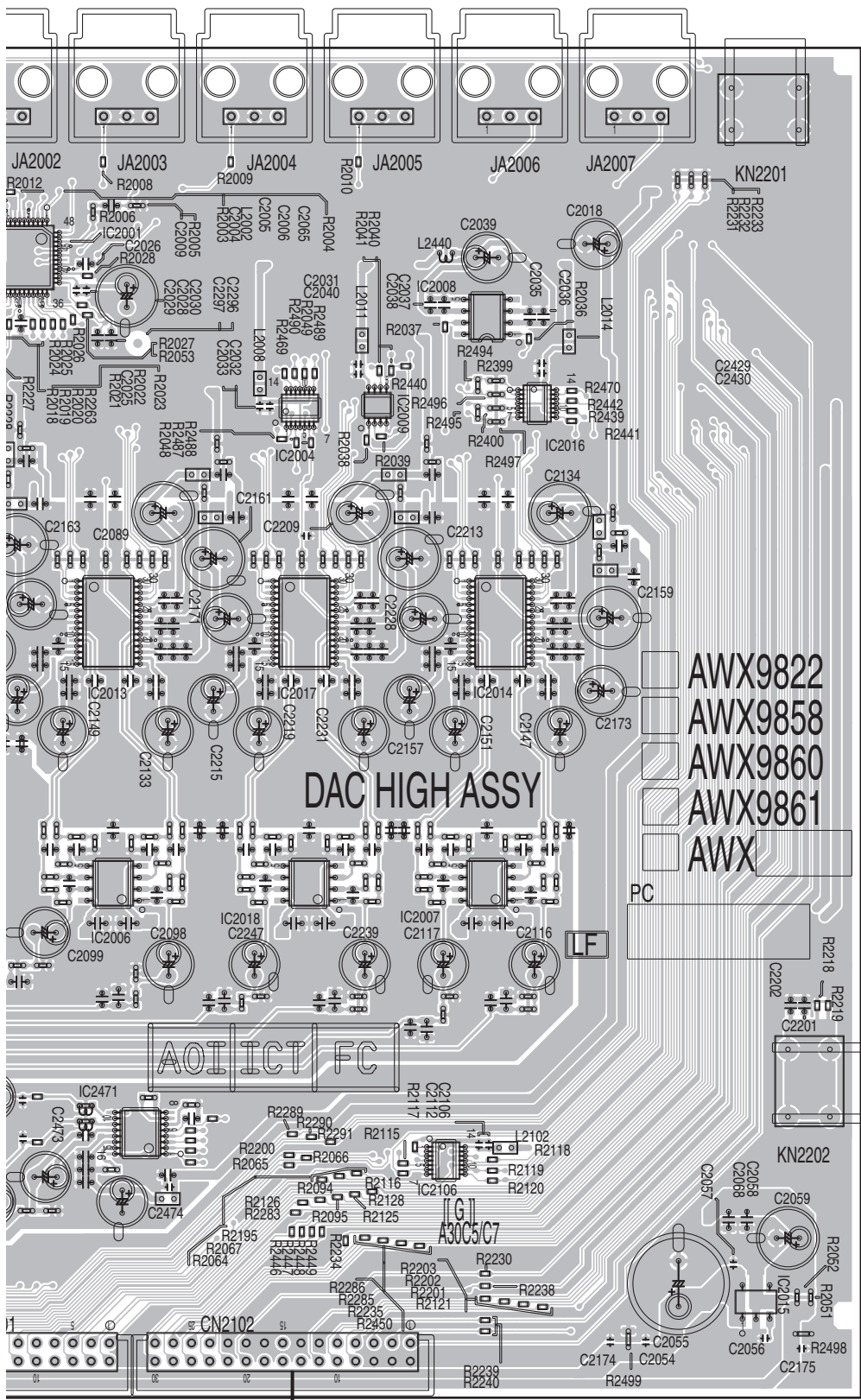
B

C

D

E

F



AWX9822
 AWX9858
 AWX9860
 AWX9861
 AWX

PC
 LF

AOI ICT FC

A30C517

KN2202

(ANP7787-B)



3783

AC CN3781

SC-57

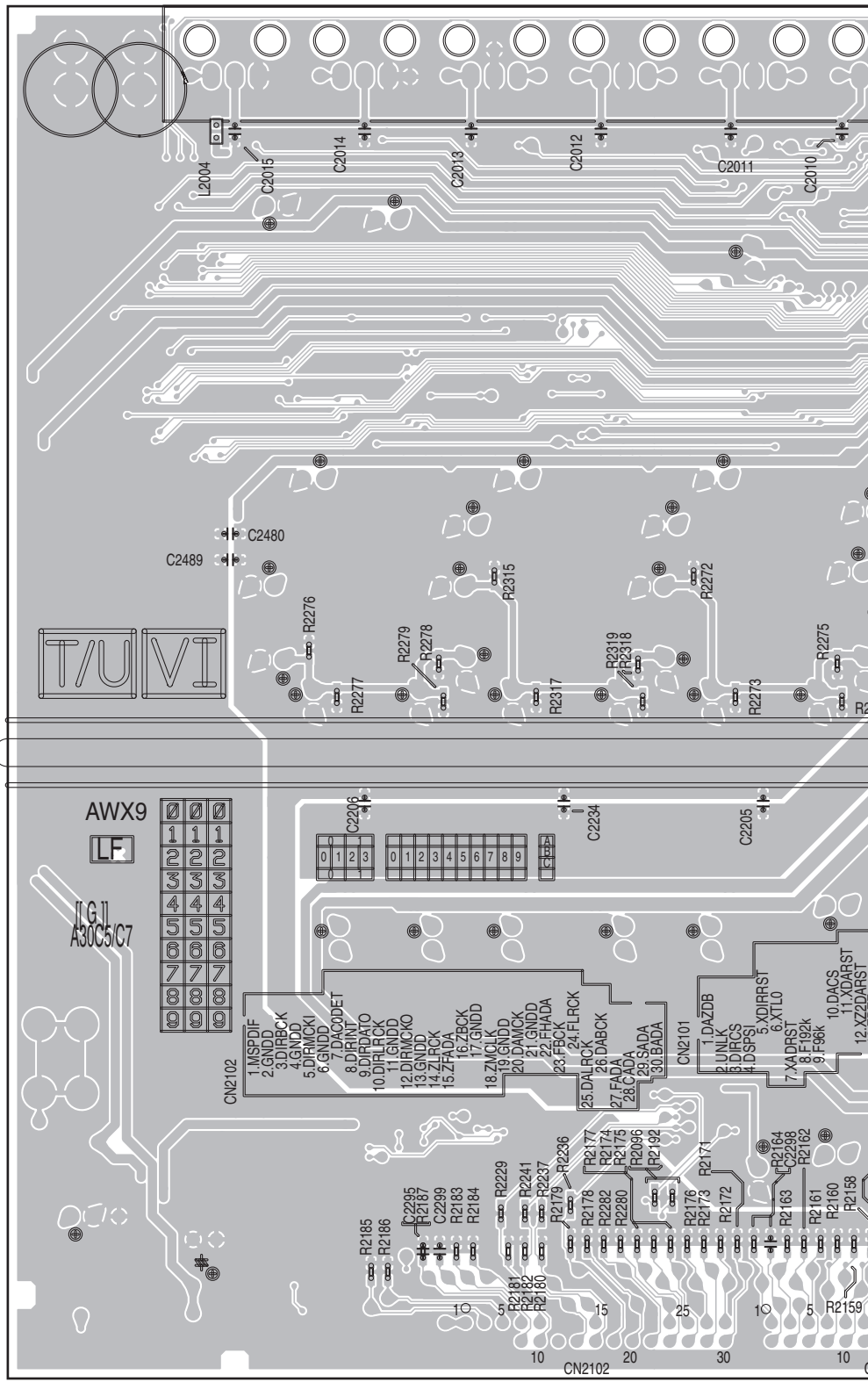
B

181

SIDE B

B DAC HIGH ASSY

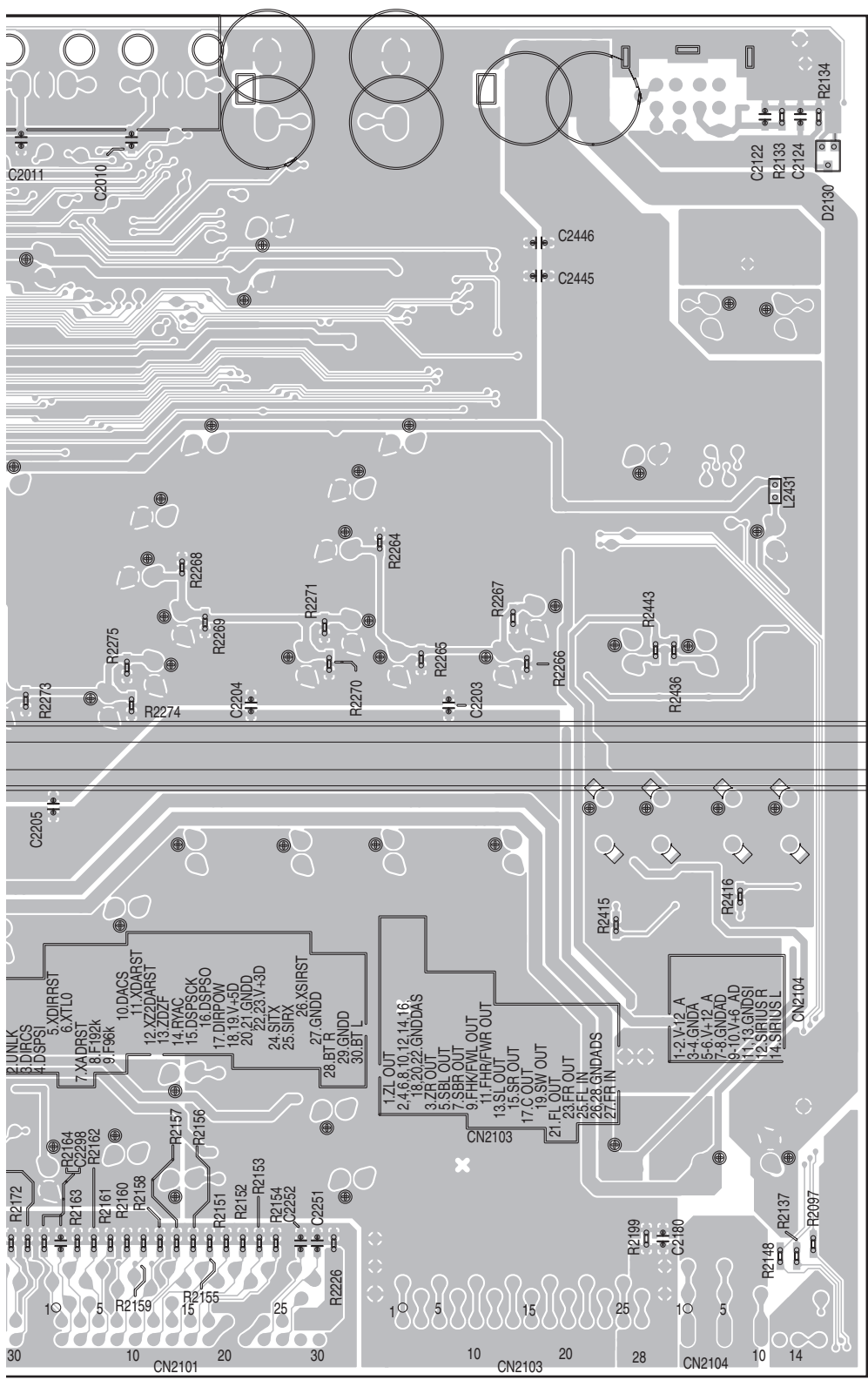
A
B
C
D
E
F



B

SIDE B

A
B
C
D
E
F

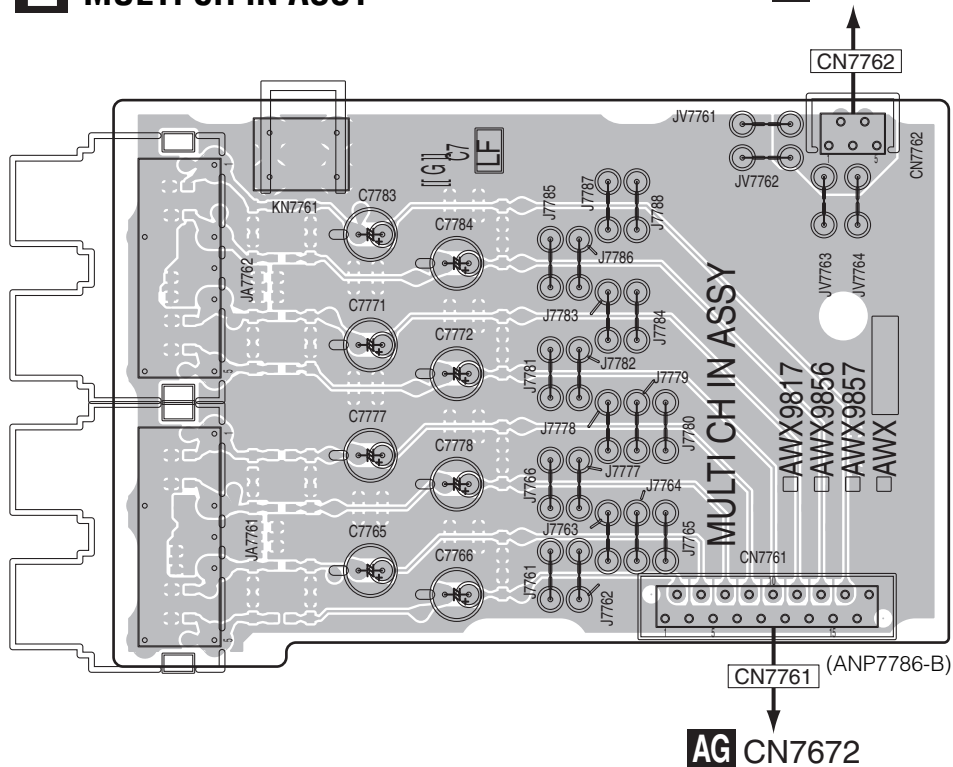


SIDE A

A

E MULTI CH IN ASSY

T CN5751



B

C

D

E

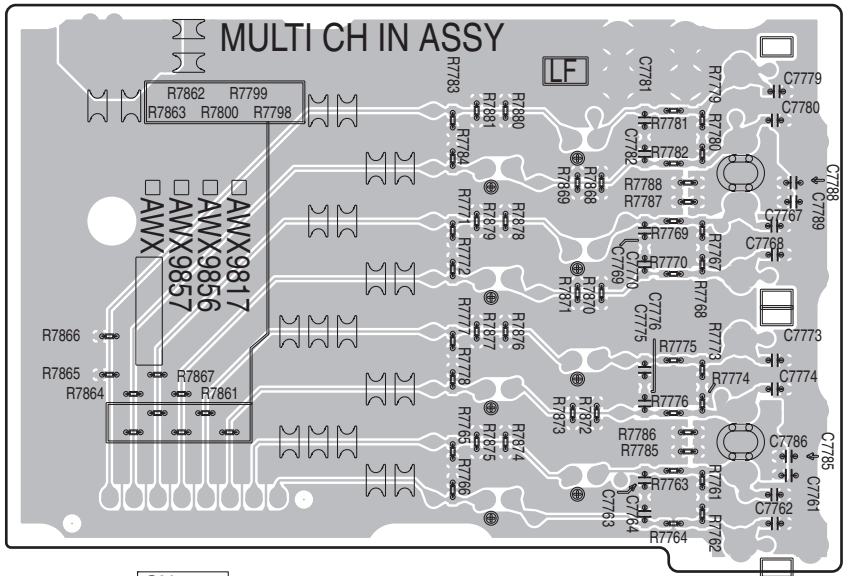
F

SIDE B

A

E MULTI CH IN ASSY

CN7762



CN7761

(ANP7786-B)

B

C

D

E

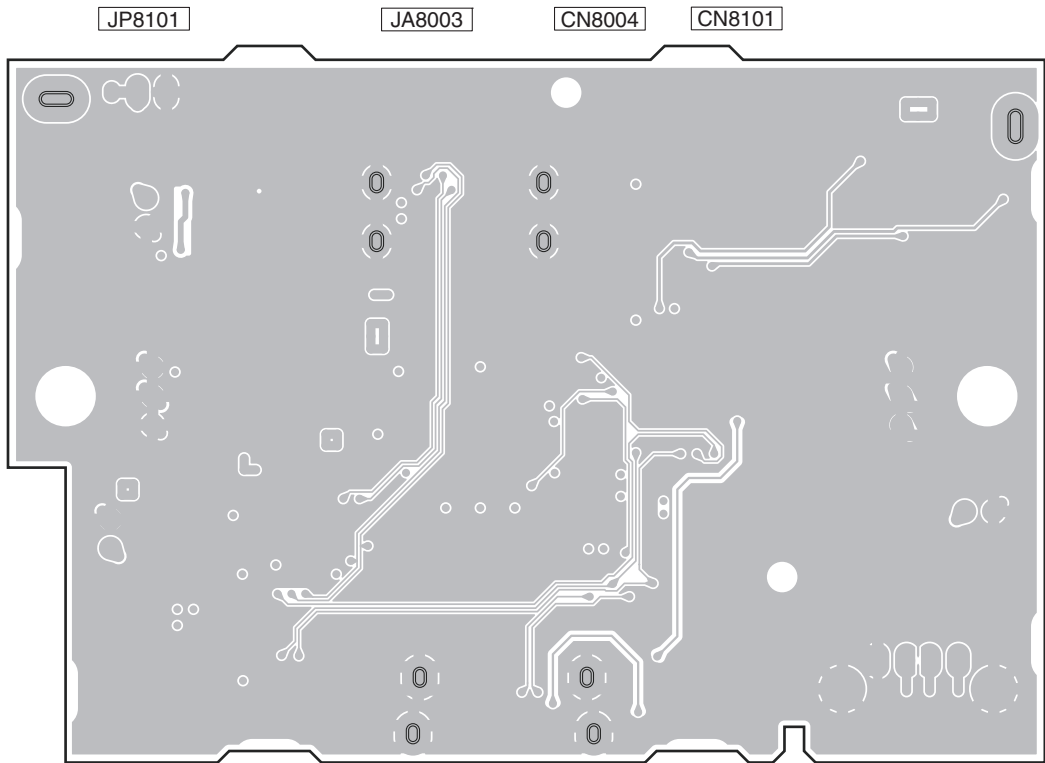
F



SIDE B

A

C FRONT HDMI USB ASSY



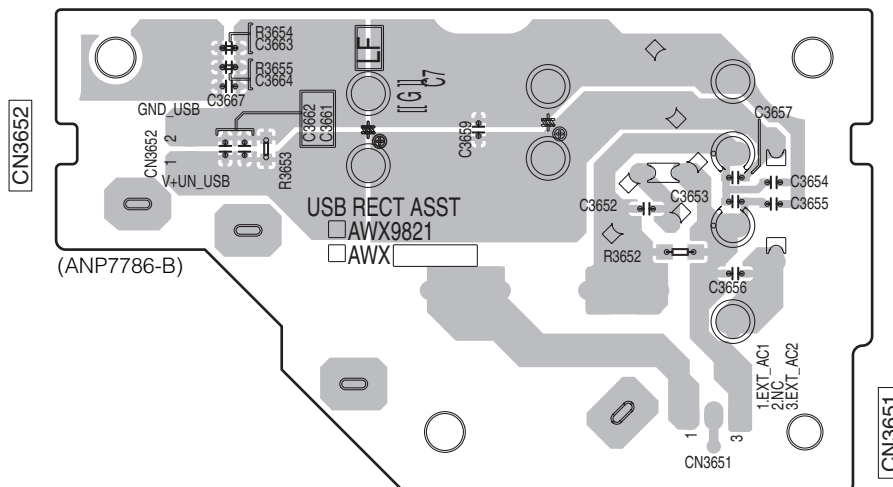
(ANP7773-A)

B

C

D

D USB RECT ASSY



(ANP7786-B)

E

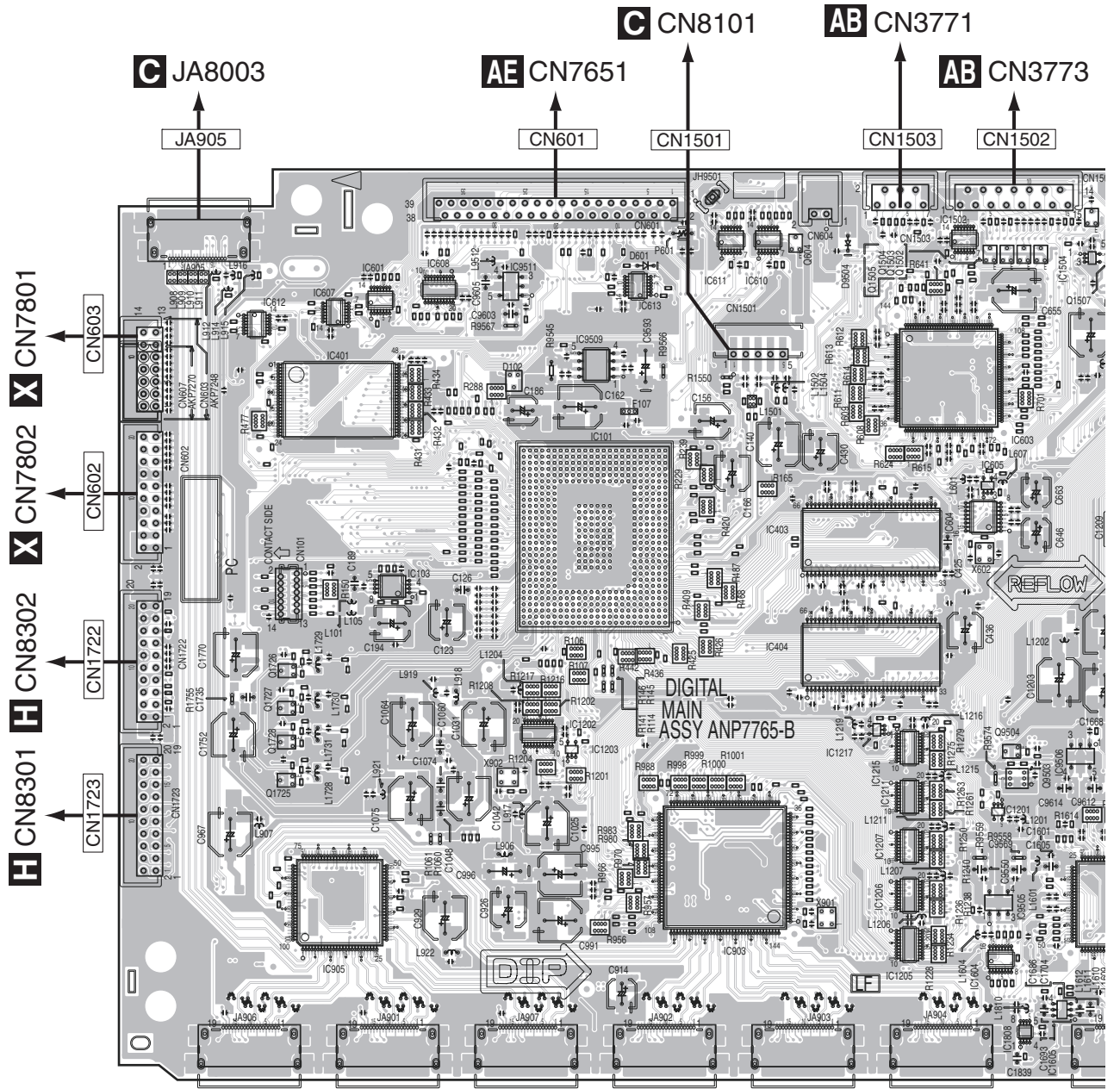
F

C D

11.4 DIGITAL MAIN ASSY

SIDE A

F DIGITAL MAIN ASSY



Q1726	Q1727	Q1728	Q1725	C604	Q1505	Q1504	Q1502	Q1503	Q9504	Q9505
-------	-------	-------	-------	------	-------	-------	-------	-------	-------	-------

IC	IC612	IC607	IC601	IC608	IC9511	IC613	IC9509	IC611	IC610	IC403	IC404	IC1207	IC1201	IC604	IC605	IC1206	IC9505	IC9506	IC1205	IC1604	IC1808	IC1605	IC154
		IC401		IC103																			
				IC905																			

F

SIDE A

A

71

B CN3773

AC CN3784

AC CN3782

S JP51

CN1502

CN9002

CN9003

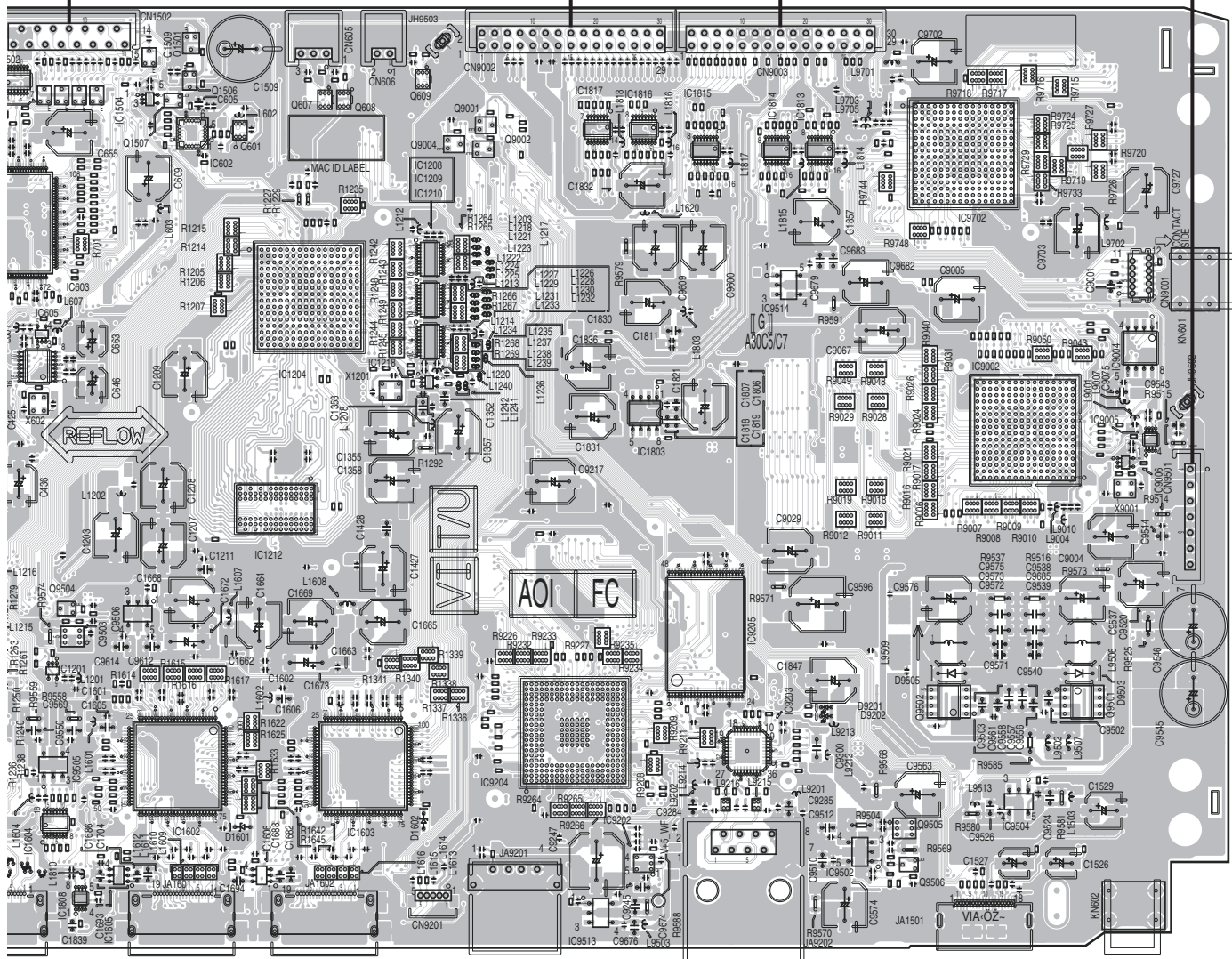
CN9501

B

C

D

E



(ANP7765-B)

Q1505	Q1504	Q1509	Q1501	Q601	Q607	Q608	Q609	Q9001	Q9004	Q9002	Q9502	Q9501									
Q1503	Q1502	Q1507	Q1506								Q9505	Q9506									
IC1502	IC1504	IC602		IC1208	IC1209	IC1210	IC1218	IC1212	IC1210	IC9204	IC1803	IC9205	IC9203	IC9502	IC9504	IC9702	IC9002	IC9006	IC9004	IC9005	IC9006
1201	IC604	IC605		IC1204	IC1218	IC1212	IC1210	IC1210	IC1210	IC9204	IC1803	IC9205	IC9203	IC9502	IC9504	IC9702	IC9002	IC9006	IC9004	IC9005	IC9006
9505	IC9506	1604	IC1808	IC1605	IC1602	IC1606	IC1603			IC9513	IC9202	IC9203	IC9502	IC9504	IC9702	IC9002	IC9006	IC9004	IC9005	IC9006	

F

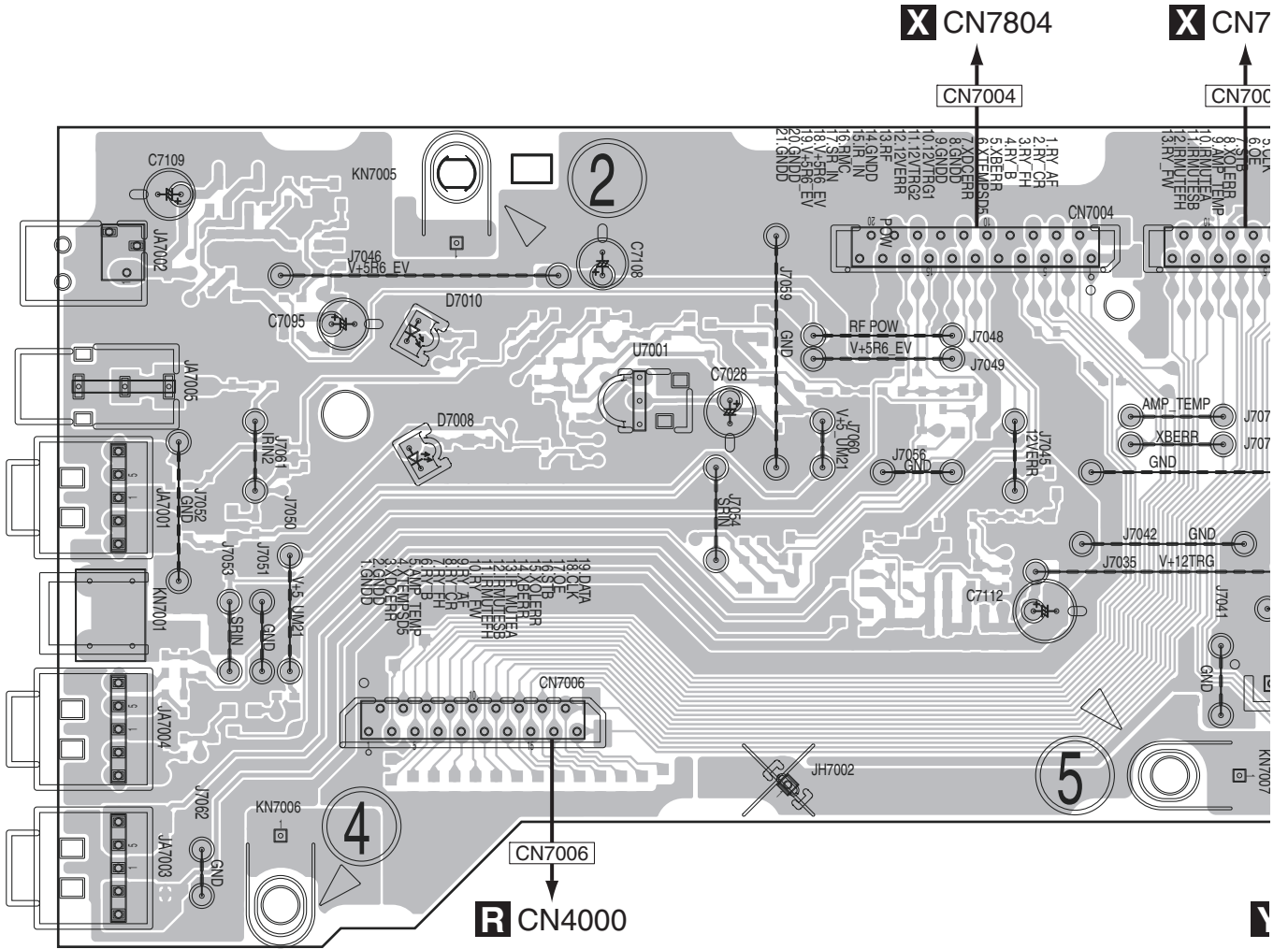
SC-57

F

11.5 INTERFACE ASSY

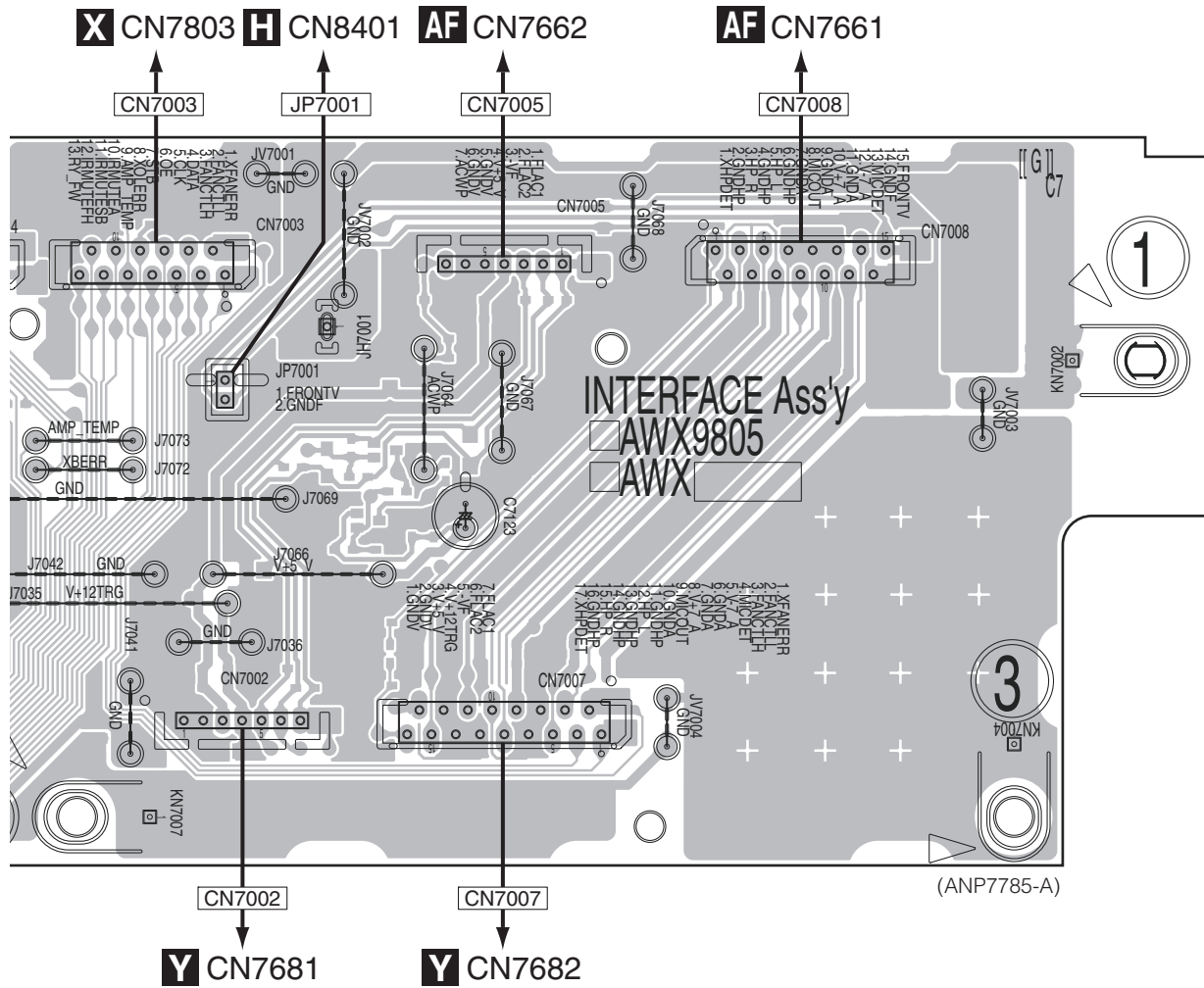
SIDE A

G INTERFACE ASSY



SIDE A

A
B
C
D
E
F
G



SIDE B

A

G INTERFACE ASSY

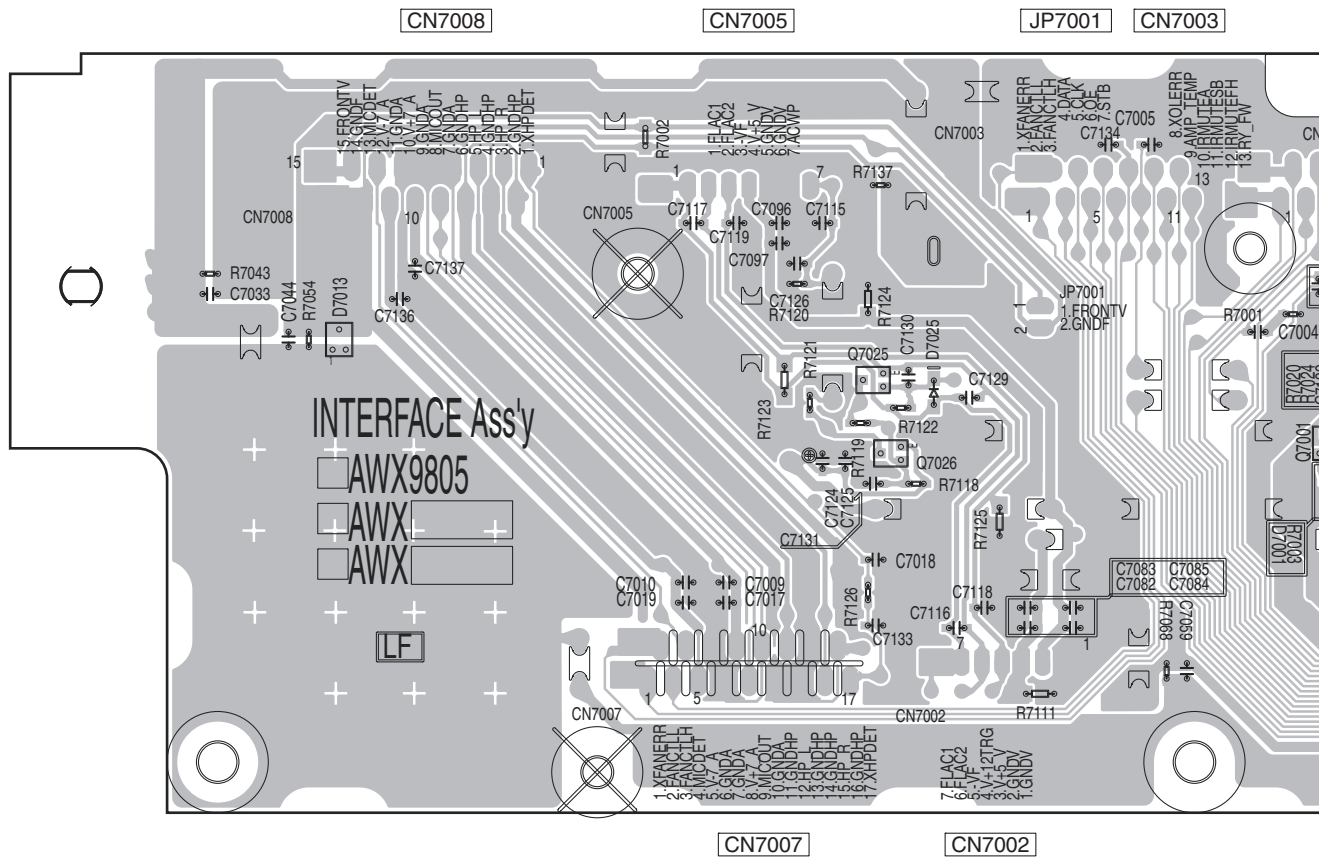
B

C

D

E

F



Q7025
Q7026

α
ic



SIDE B

A

B

C

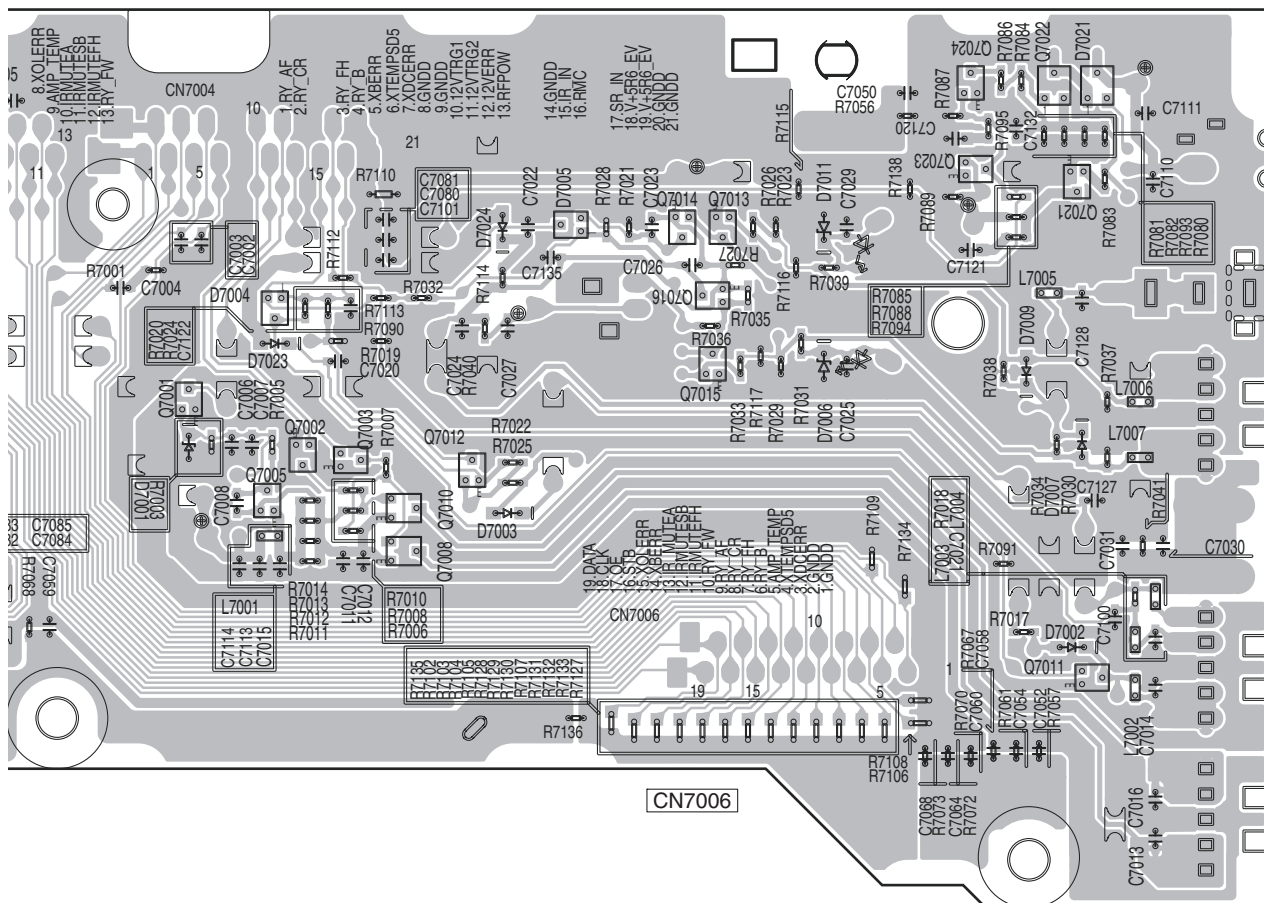
D

E

F

CN7003

CN7004



CN7006

(ANP7785-A)

Q7001
 Q7002 Q7003
 Q7005

Q7010
 Q7012
 Q7008

Q7014 Q7015
 Q7016
 Q7015

Q7024
 Q7023

Q7022
 Q7021

Q7011

11.6 COMPONENT ASSY

SIDE A

H COMPONENT ASSY

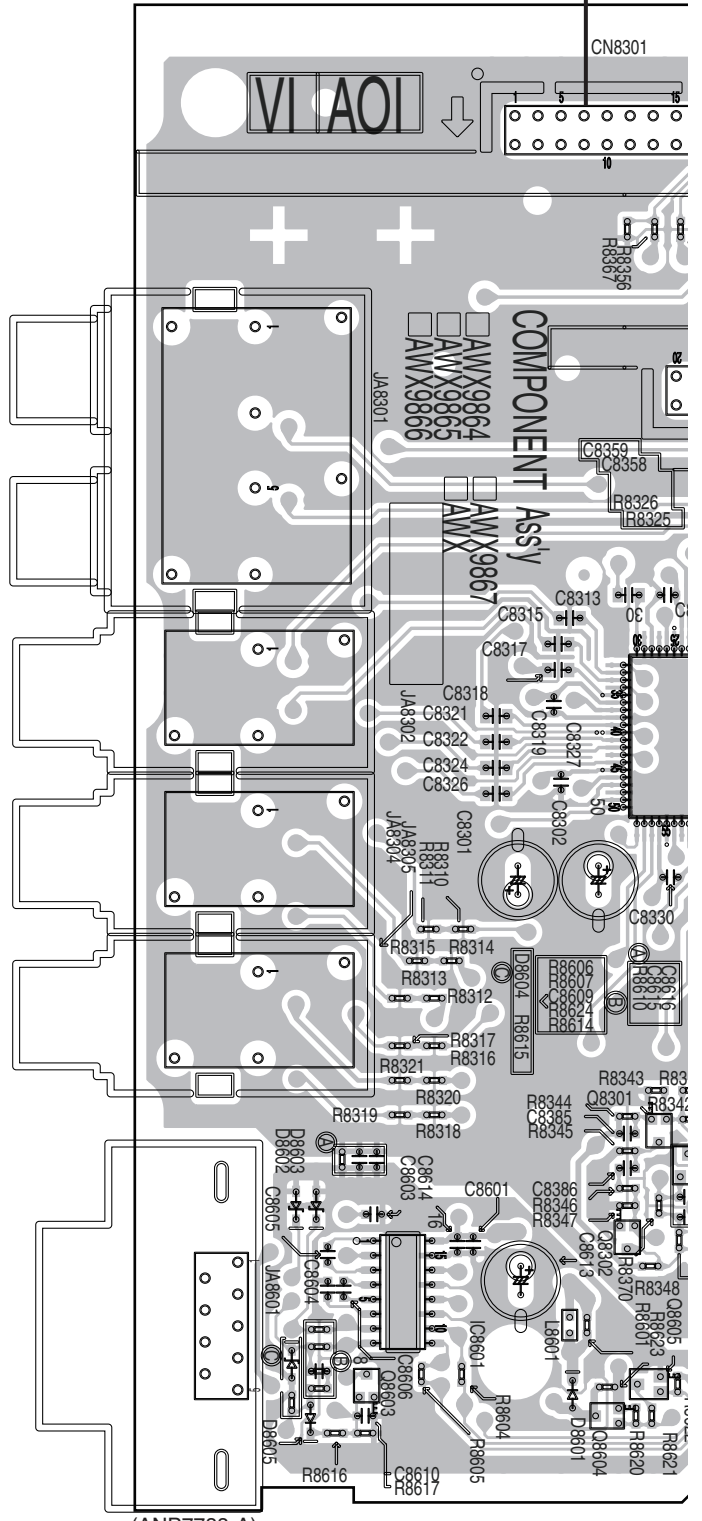
F CN1723

CN8301

VIA OI

COMPONENT ASSY
 AMX9864
 AMX9865
 AMX9866
 AMX9867

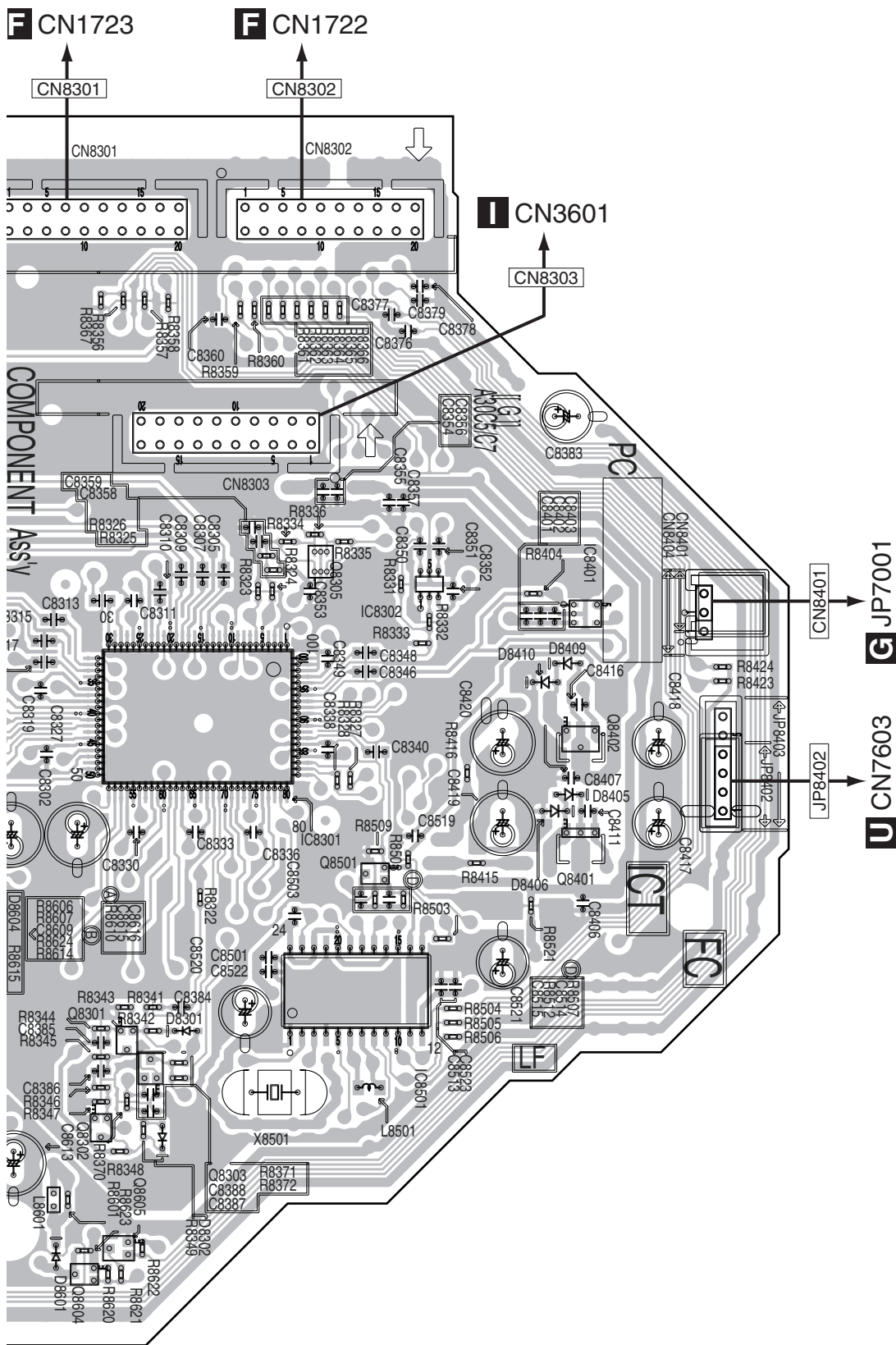
IC Q
 IC8302 IC8401 Q8305
 IC8301 Q8402
 Q8501 Q8401
 IC8501
 Q8301
 Q8303 Q8302
 IC8601
 Q8603 Q8605
 Q8604



(ANP7788-A)



A
B
C
D
E
F



5

6

7

8

5

6

7

8

SIDE B

A

B

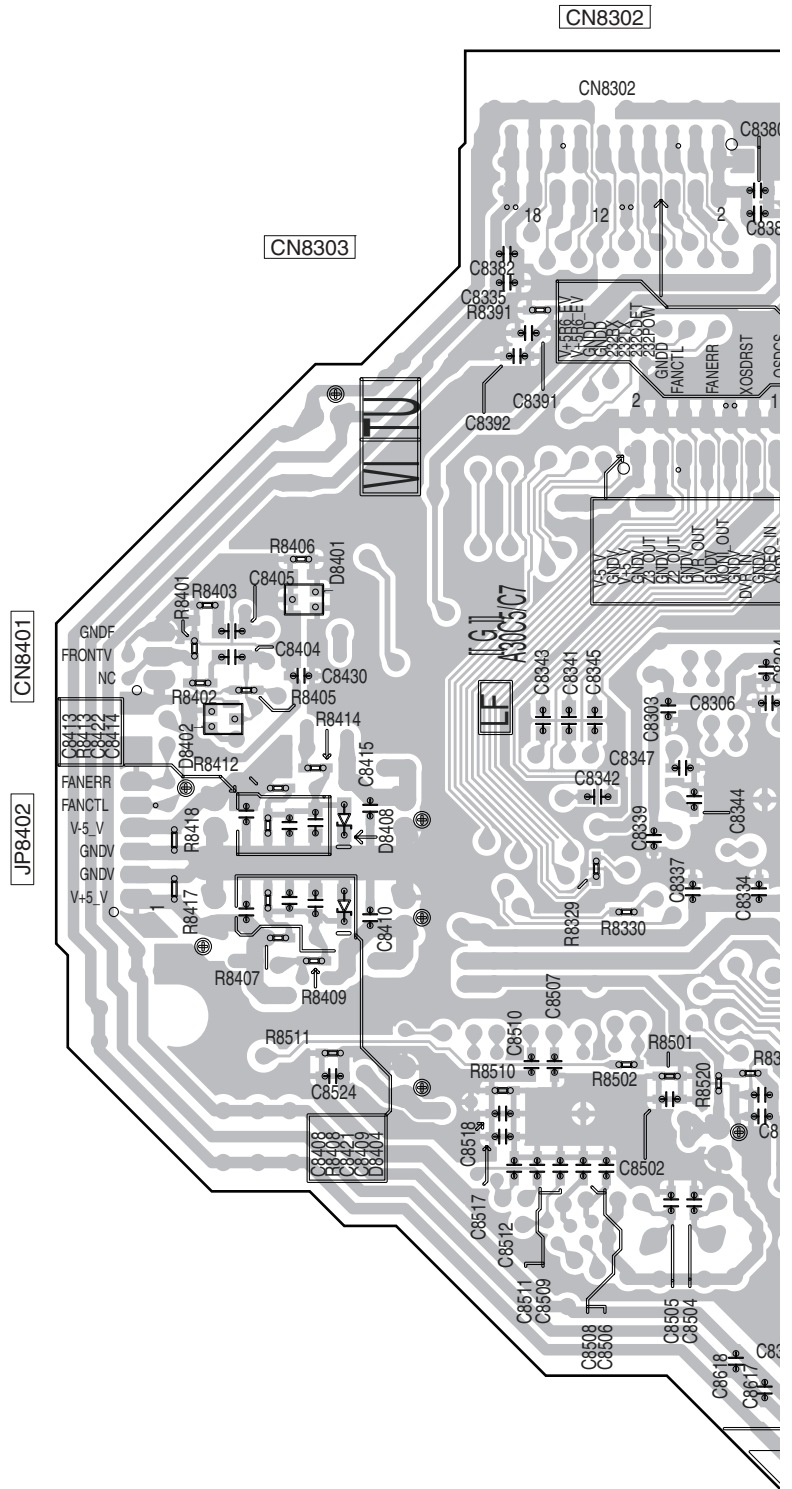
C

D

E

F

H COMPONENT ASSY



SIDE B

A

B

C

D

E

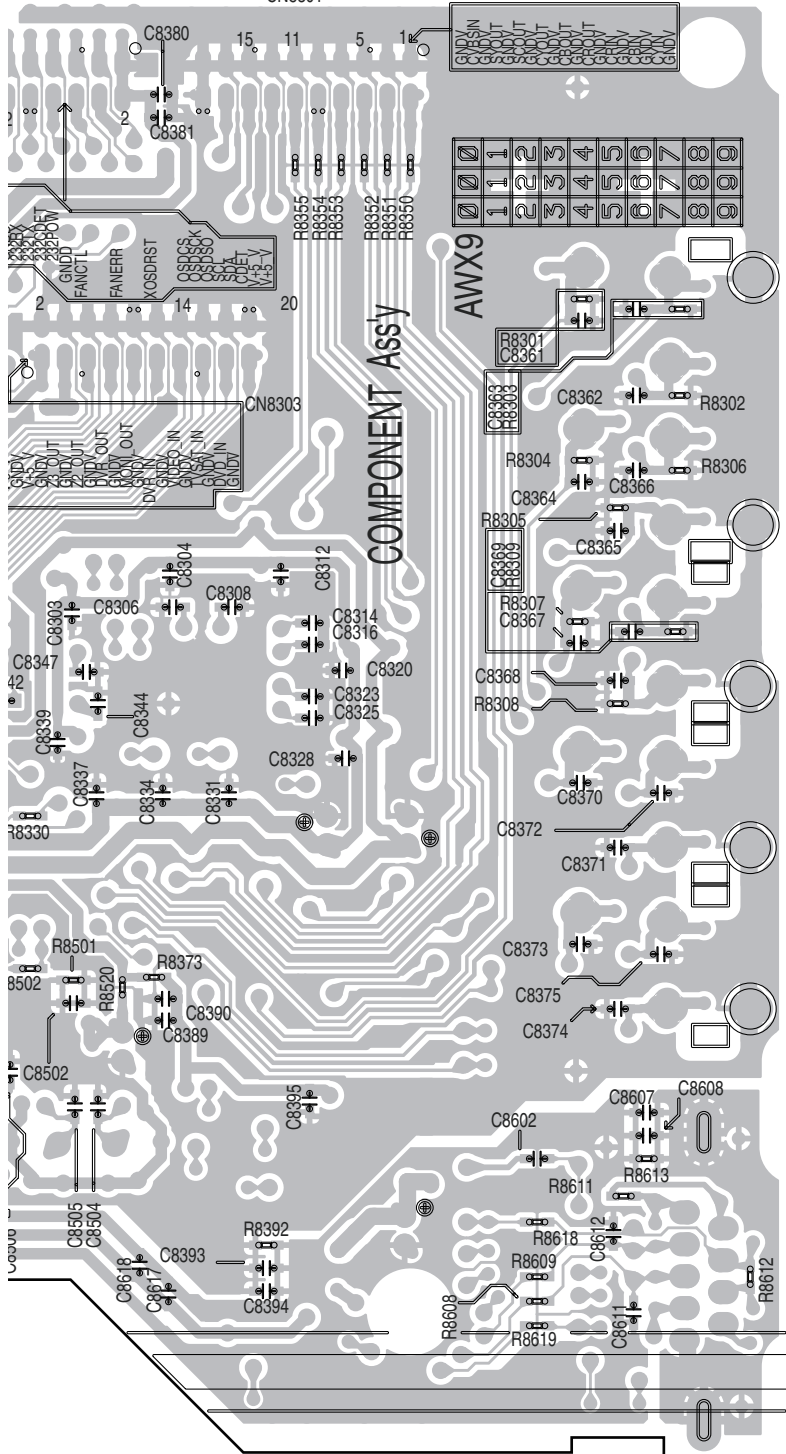
F

3302

CN8301

3302

CN8301



(ANP7788-A)

SC-57

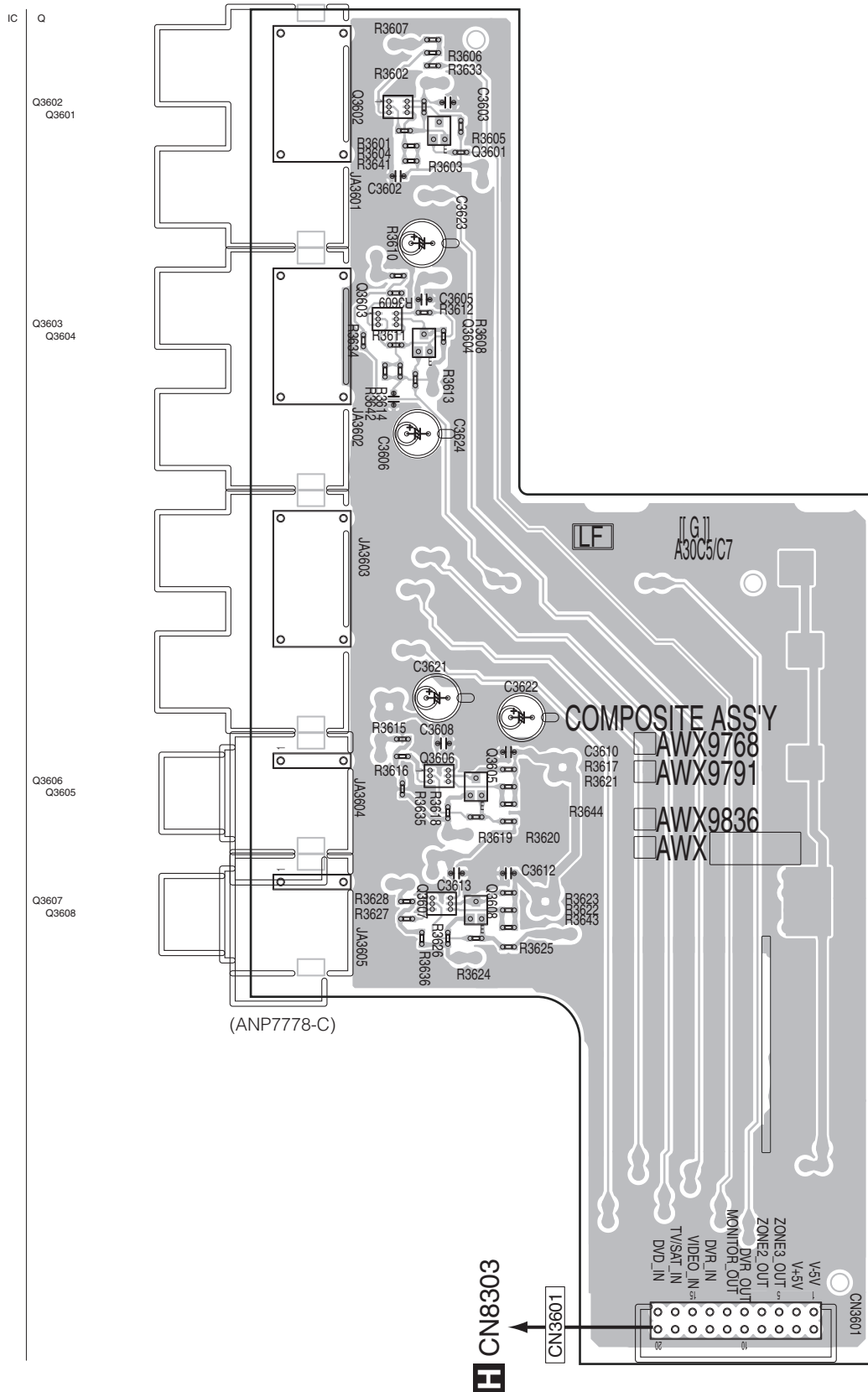


11.7 COMPOSITE ASSY

SIDE A

SIDE A

COMPOSITE ASSY



SIDE B

SIDE B

A

B

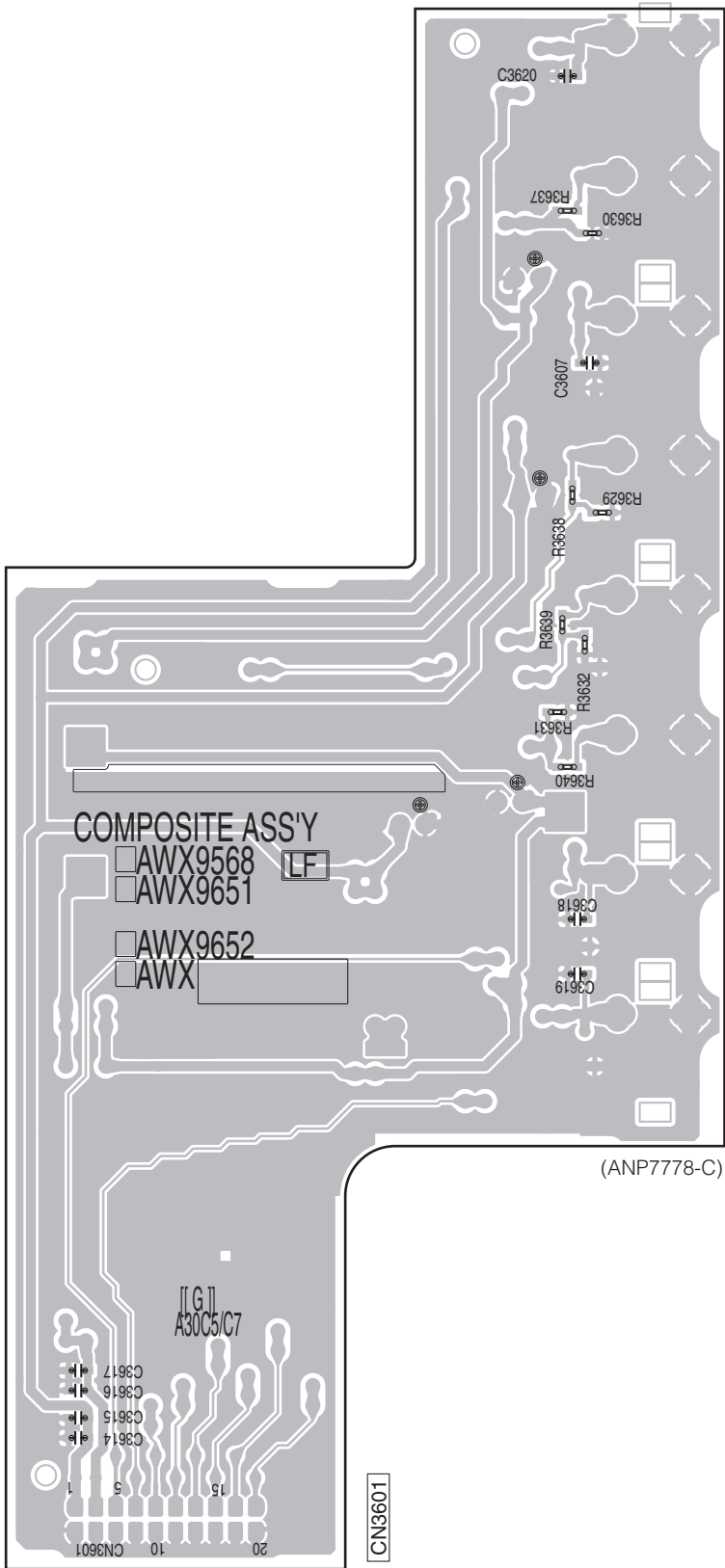
C

D

E

F

COMPOSITE ASSY



SIDE B

K DISPLAY ASSY

A

IC Q

IC3003
Q3004
IC3201

B

Q3205
Q3203
Q3210
Q3211
Q3204

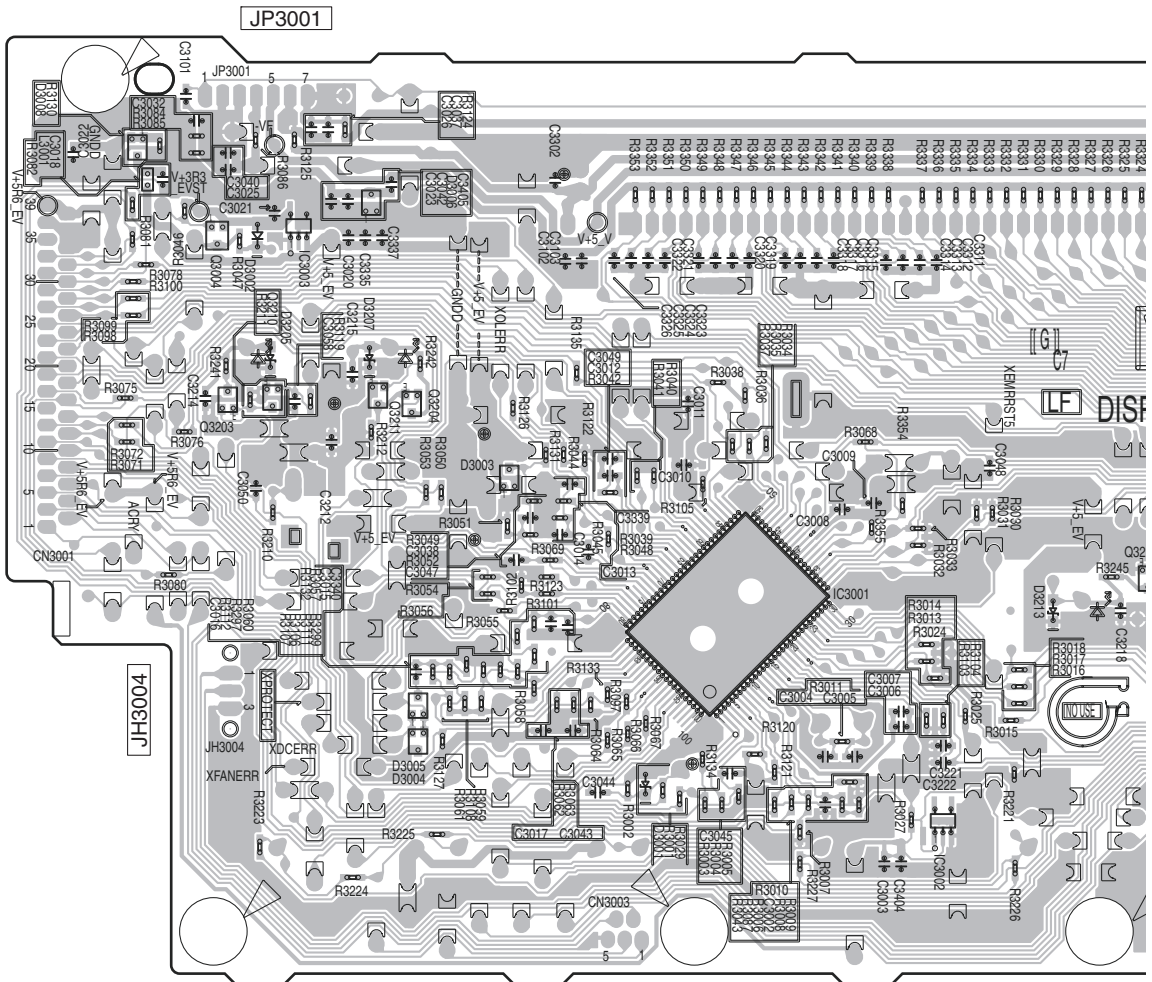
CN3001

IC3001
Q3207

C

IC3002

D



E

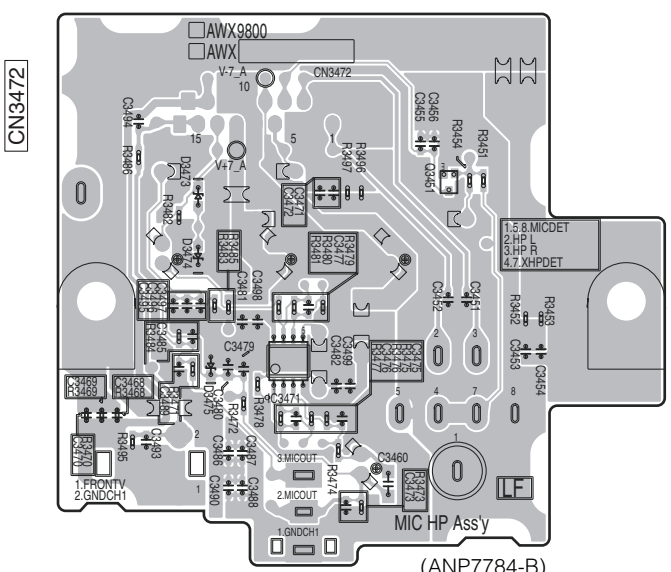
IC Q

Q3451

F

IC3471

J MIC HP ASSY



J K

SIDE B

A

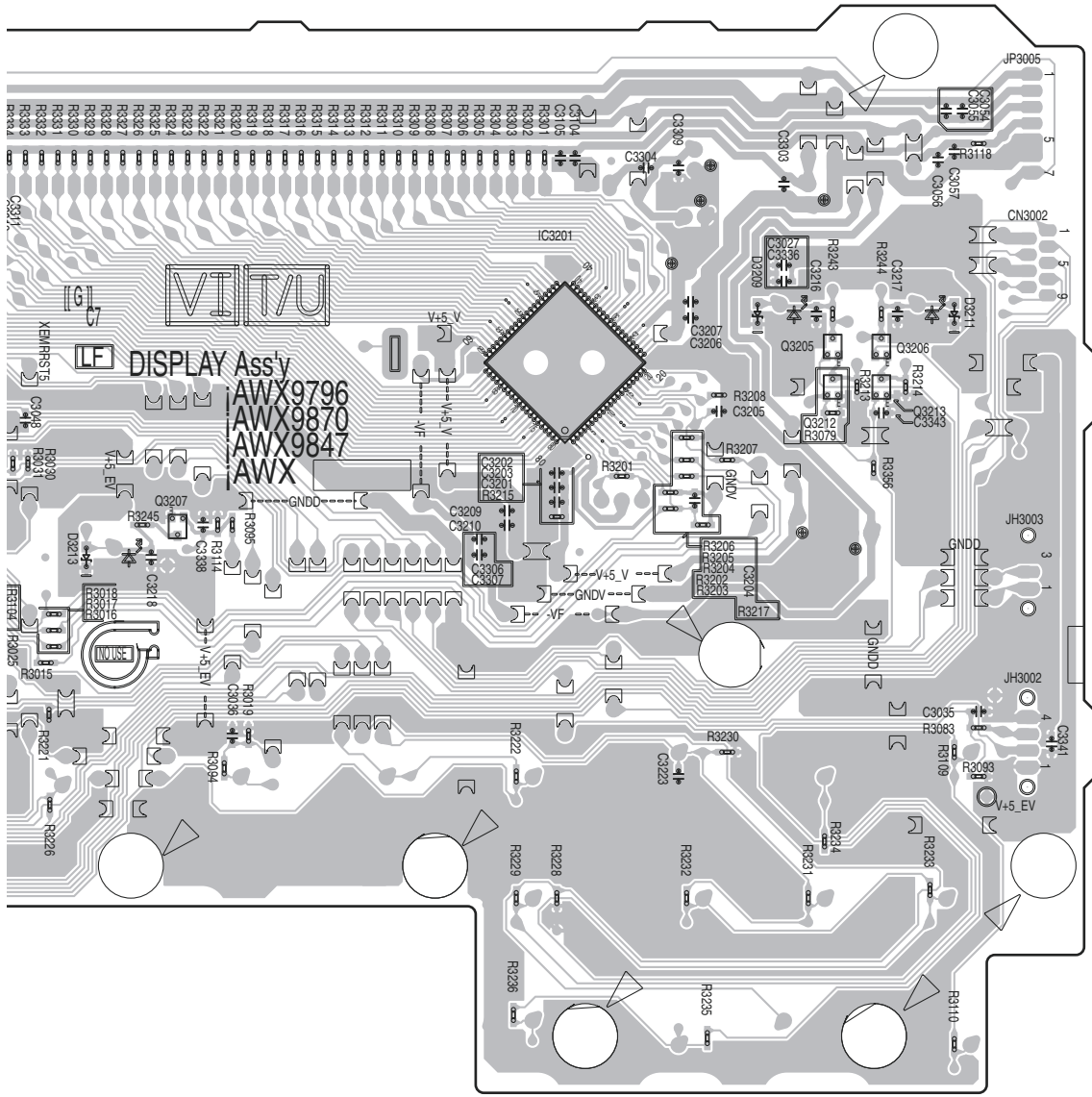
B

C

D

E

F



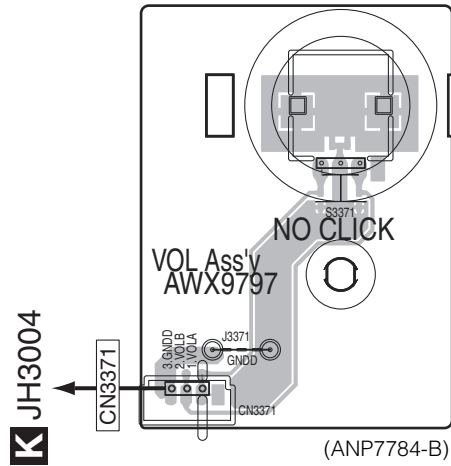
(ANP7784-B)

11.9 VOL, POWER SW and ENCODER ASSYS

SIDE A

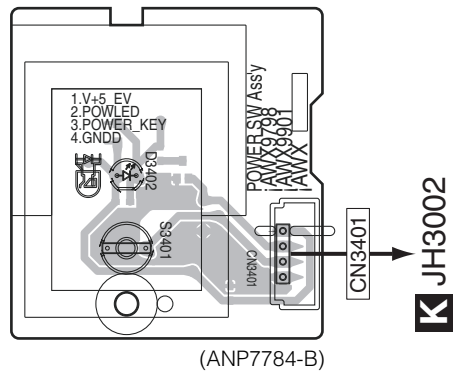
SIDE A

L VOL ASSY



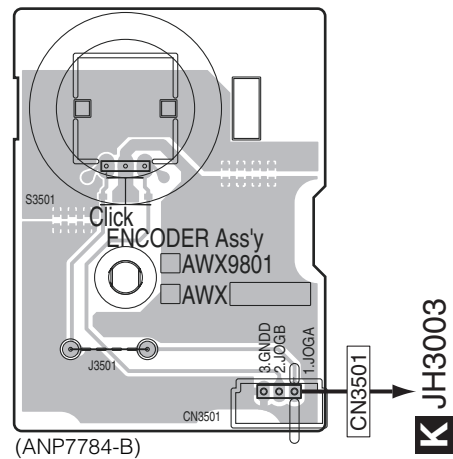
K JH3004

M POWER SW ASSY



K JH3002

N ENCODER ASSY



K JH3003

L M N

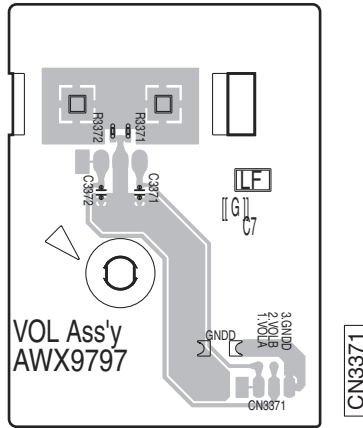
L M N

SIDE B

SIDE B

A

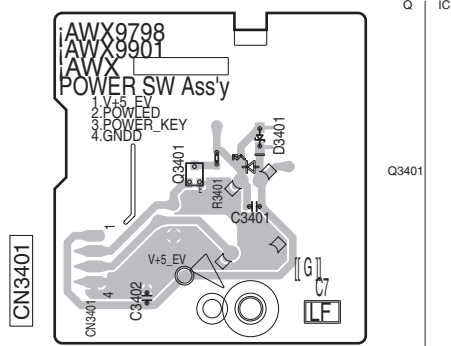
L VOL ASSY



(ANP7784-B)

B

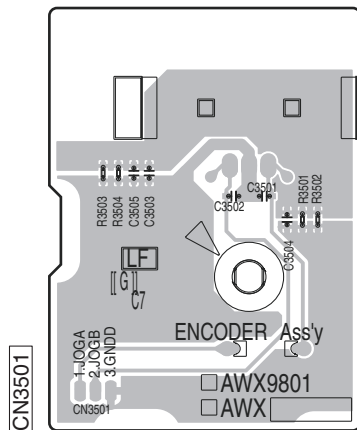
M POWER SW ASSY



(ANP7784-B)

C

N ENCODER ASSY



(ANP7784-B)

D

E

F

L M N

L M N

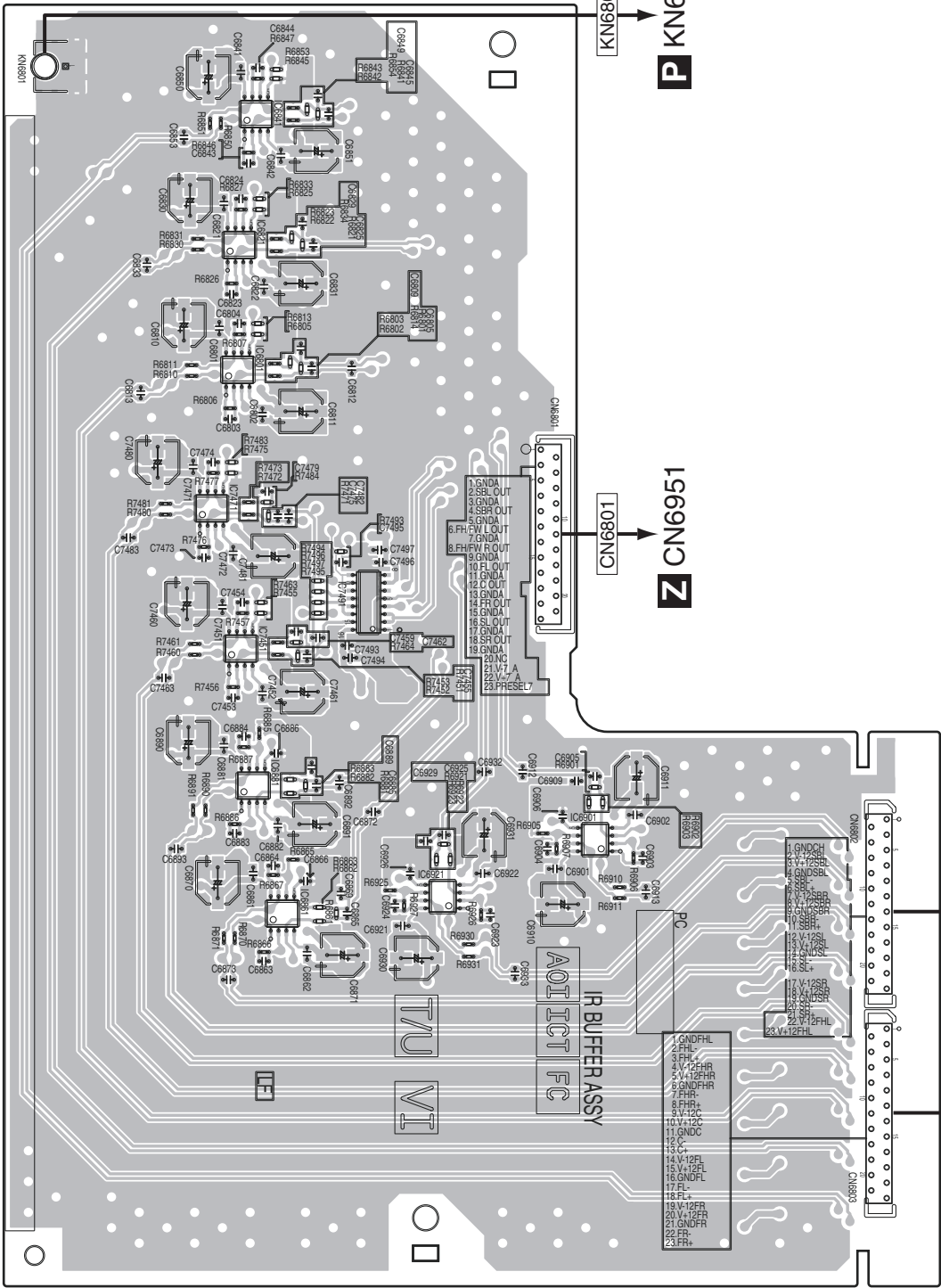
11.10 IR BUFFER ASSY

SIDE A

SIDE A

IR BUFFER ASSY

IC Q
IC6841
B
IC6821
IC6801
C
IC7471
IC7491
IC7451
D
IC6881
IC6901
IC6861



(ANP7783-A)

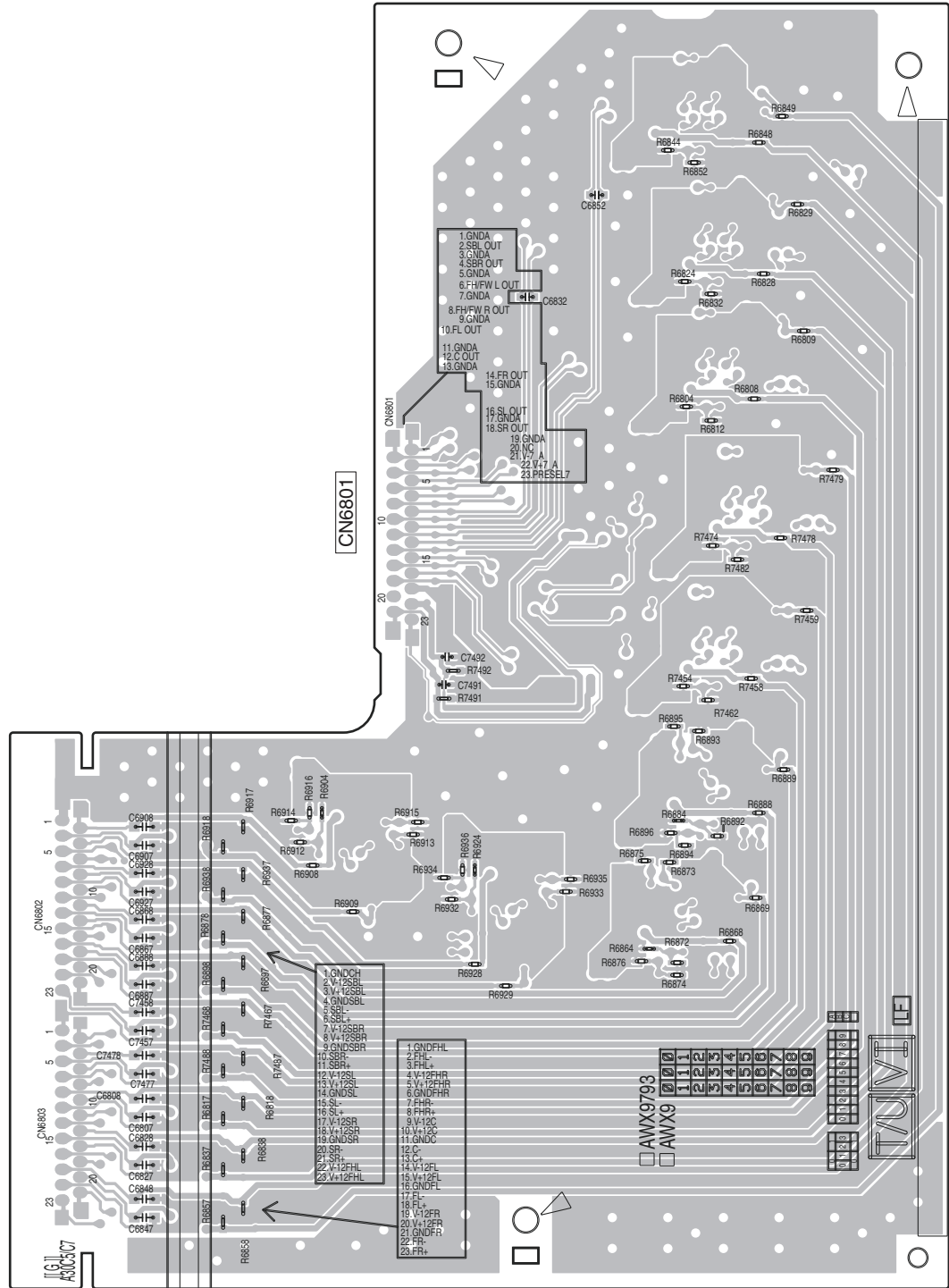


SIDE B

SIDE B

IR BUFFER ASSY

KN6801



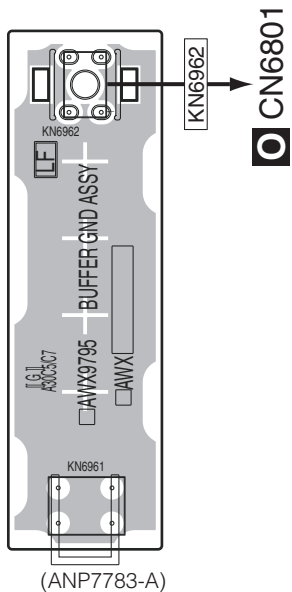
(ANP7783-A)

11.11 BUFFER GND and IR INTERFACE ASSYS

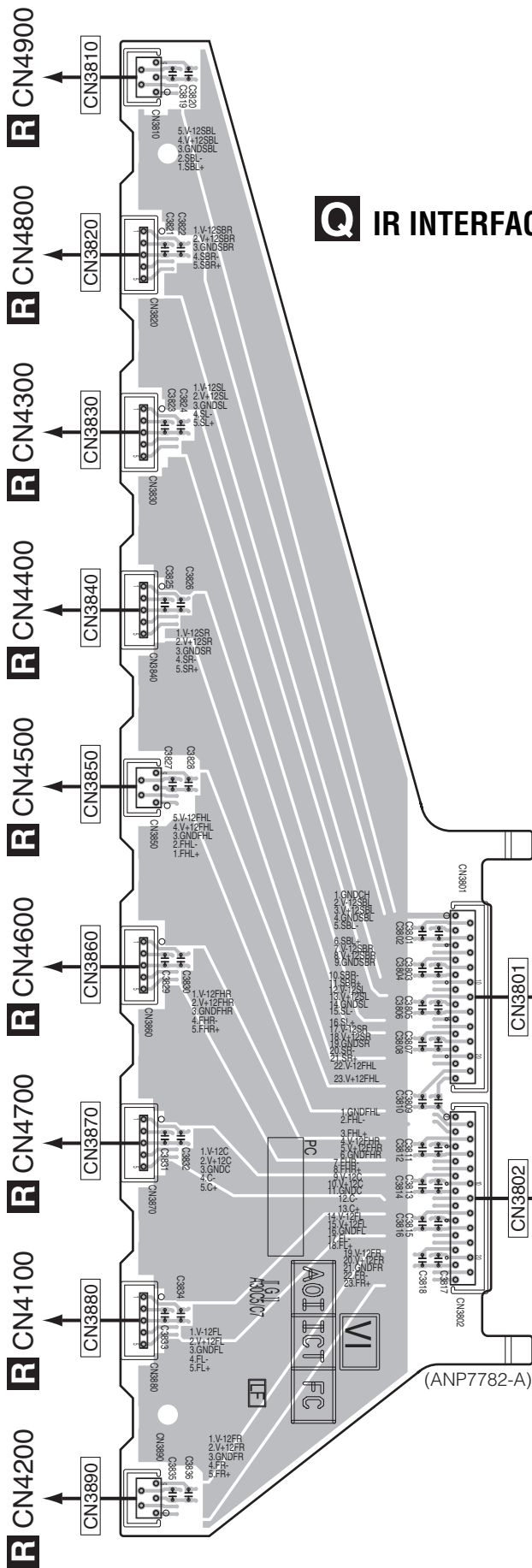
SIDE A

SIDE A

P BUFFER GND ASSY



Q IR INTERFACE ASSY



Q CN6802

Q CN6803

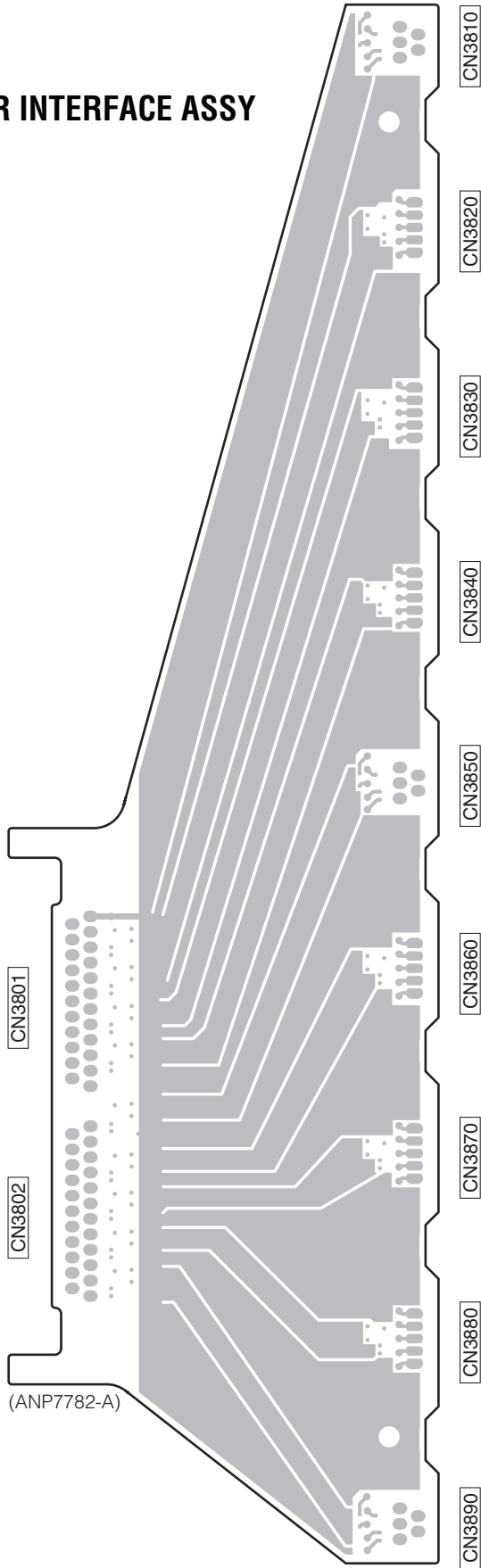
P **Q**

P **Q**

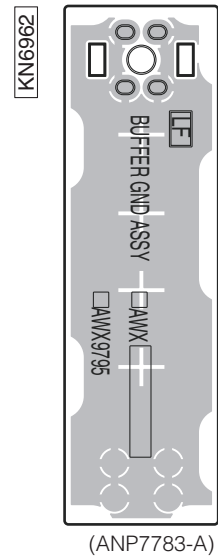
SIDE B

SIDE B

Q IR INTERFACE ASSY



P BUFFER GND ASSY



P Q

P Q

11.12 IR POWER AMP ASSY

SIDE A

R IR POWER AMP ASSY

Q CN3890 **Q** CN3880 **Q** CN3870 **Q** CN3860 **Q** CN3850

CN4200 CN4100 CN4700 CN4600 CN4500

V CN7251

V CN7271

V CN7241

W CN7401

G CN7006

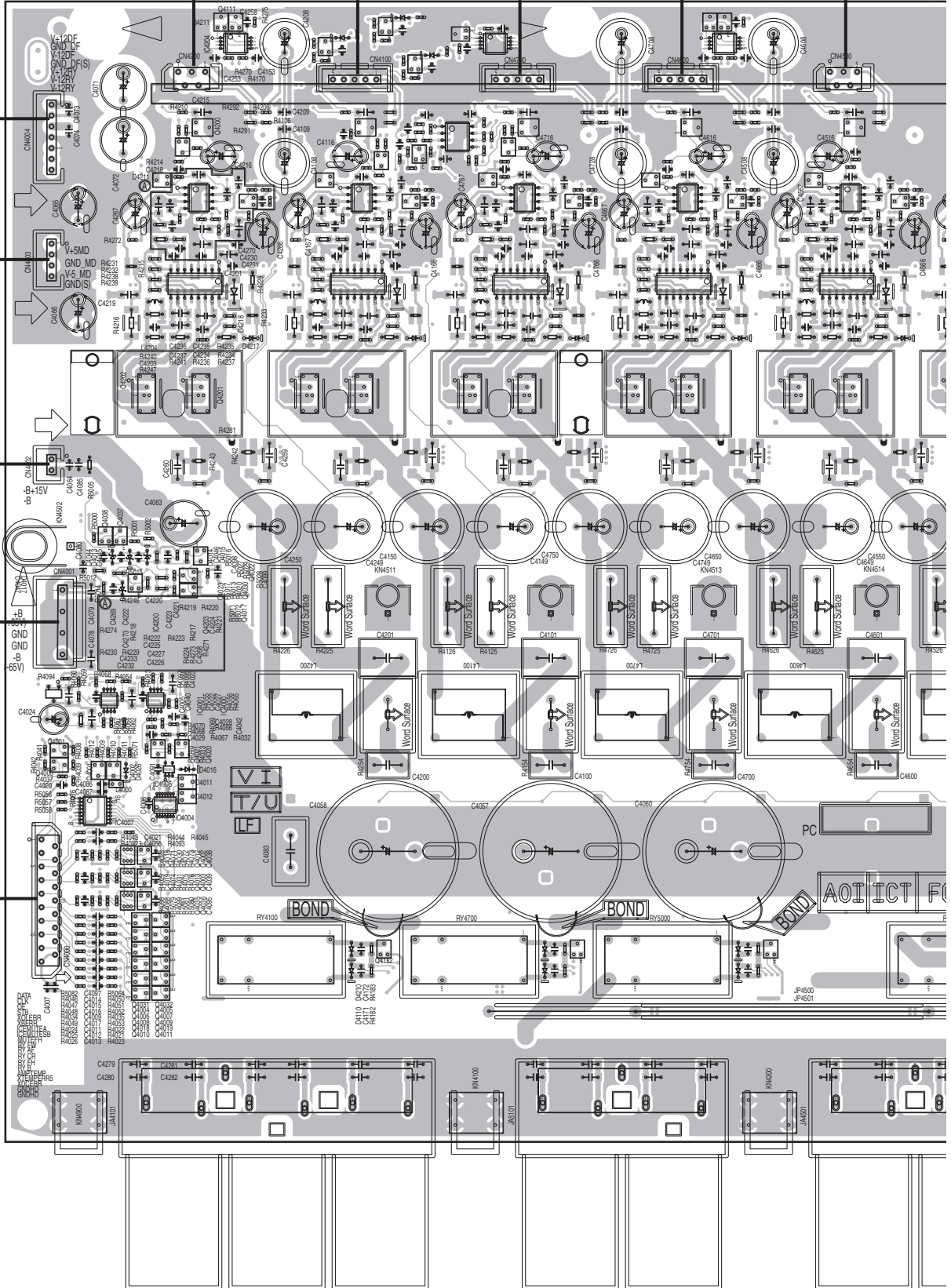
CN4004

CN4003

CN4002

CN4001

CN4000



R

SIDE B

A

IR POWER AMP ASSY

CN4900

CN4800

CN4300

CN4400

CN4500

IC

Q

IC4202

B

IC4203

Q4207
Q4205
Q4206
Q4210
Q4208

C

Q4026
Q4024
Q4025

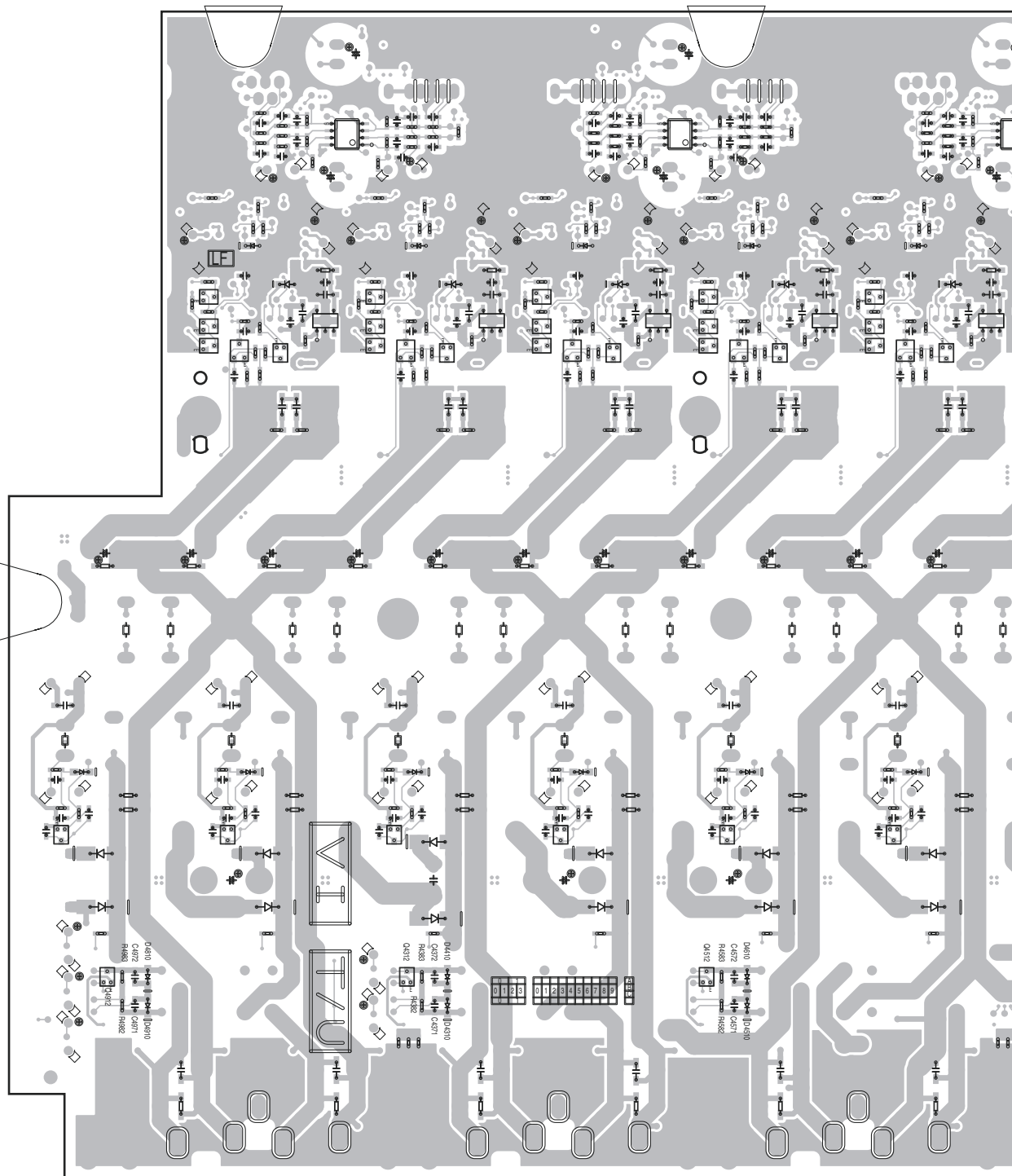
D

Q4204
Q4015
Q4033
Q4034

E

Q4912
Q4312
Q4512

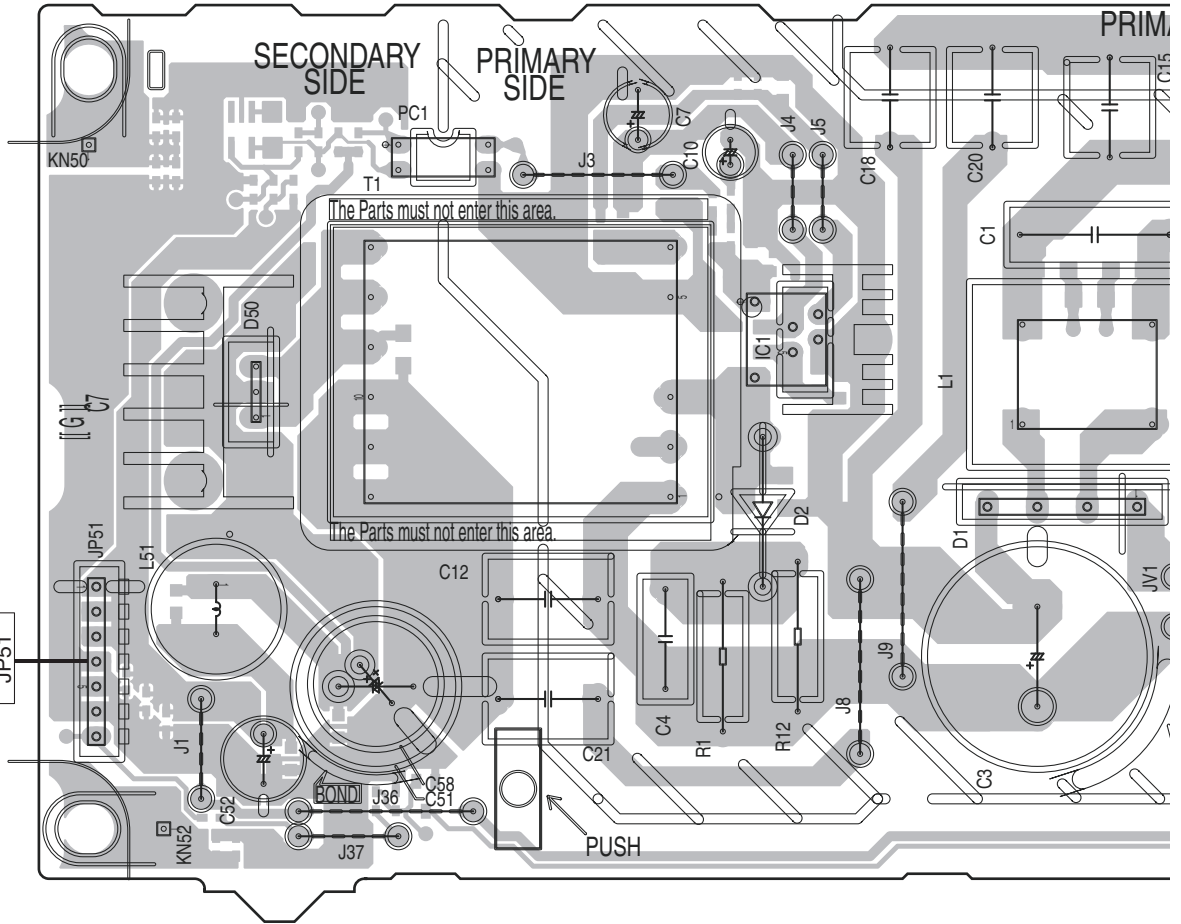
F



11.13 PRIMARY ASSY

SIDE A

S PRIMARY ASSY



F CN9501



Q
IC

IC1

S

SIDE A

A

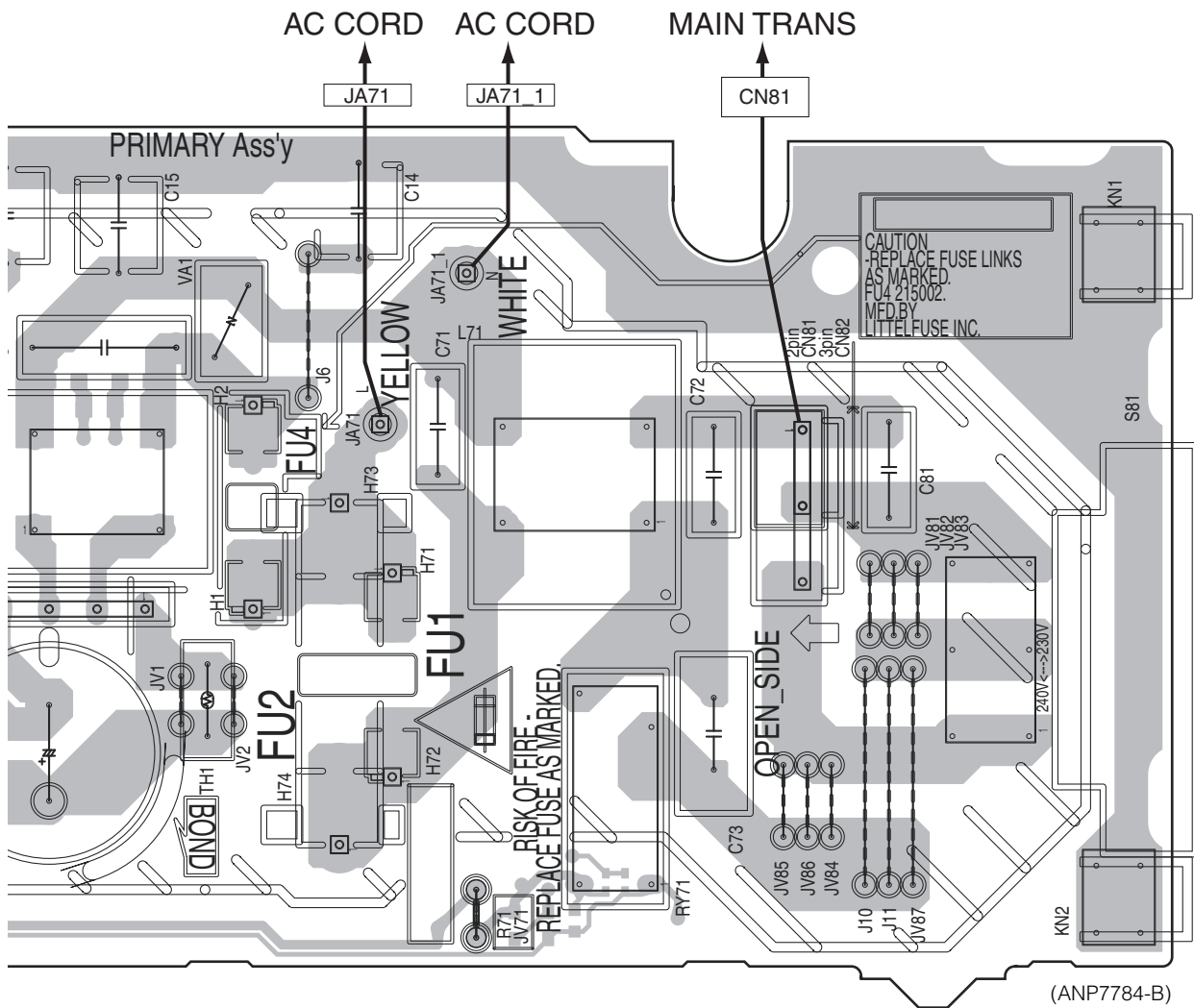
B

C

D

E

F



(ANP7784-B)

SIDE B

A

S PRIMARY ASSY

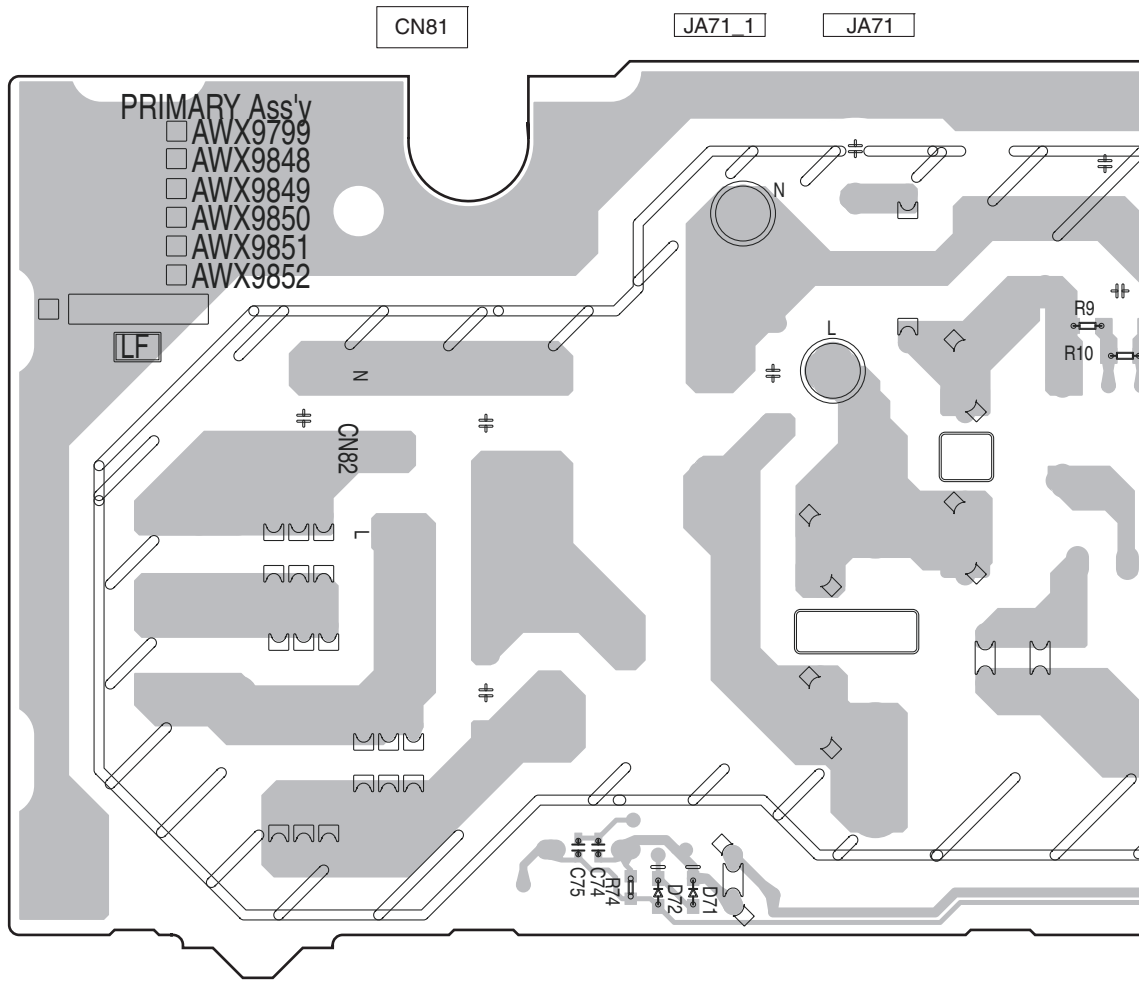
B

C

D

E

F



Q

IC

SIDE B

A

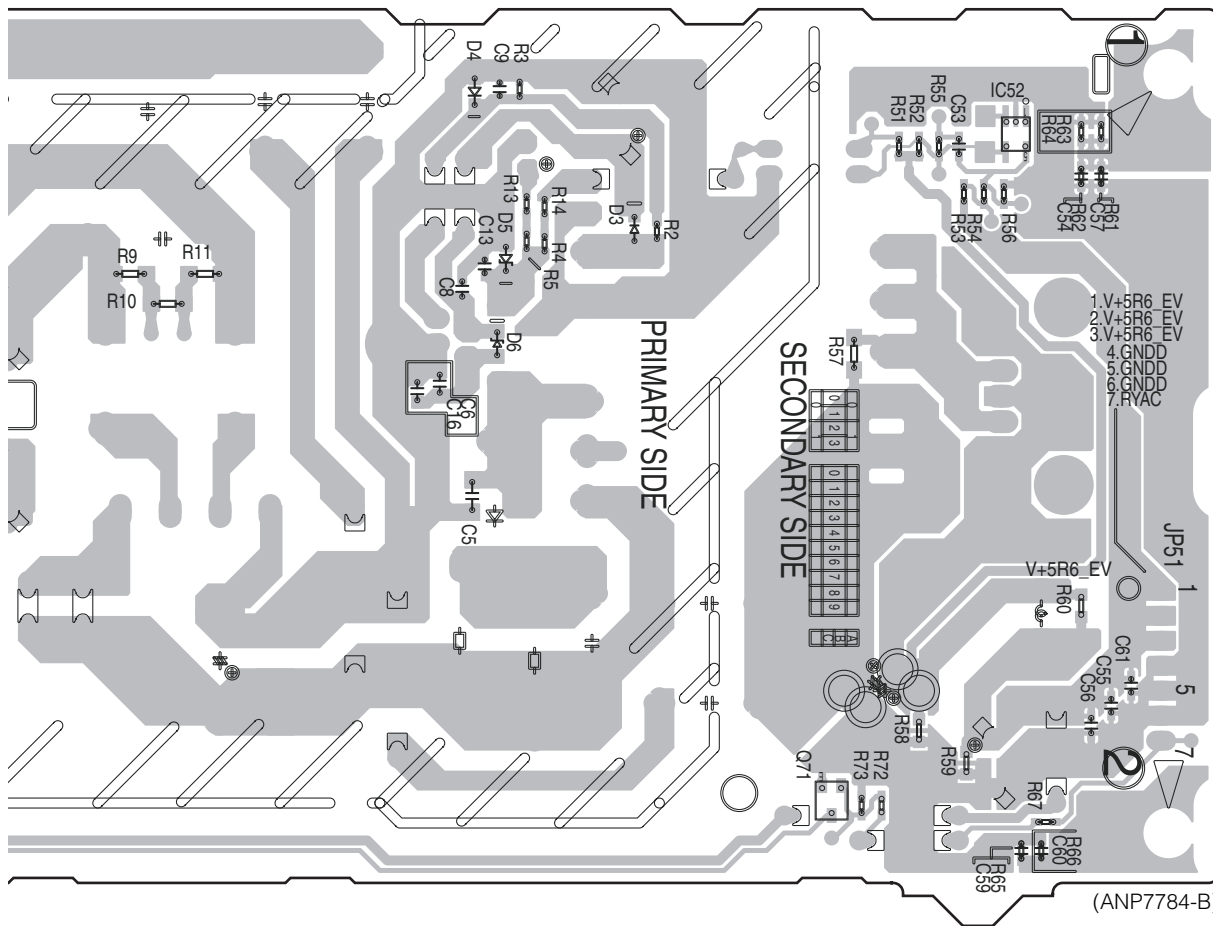
B

C

D

E

F



JP51

(ANP7784-B)

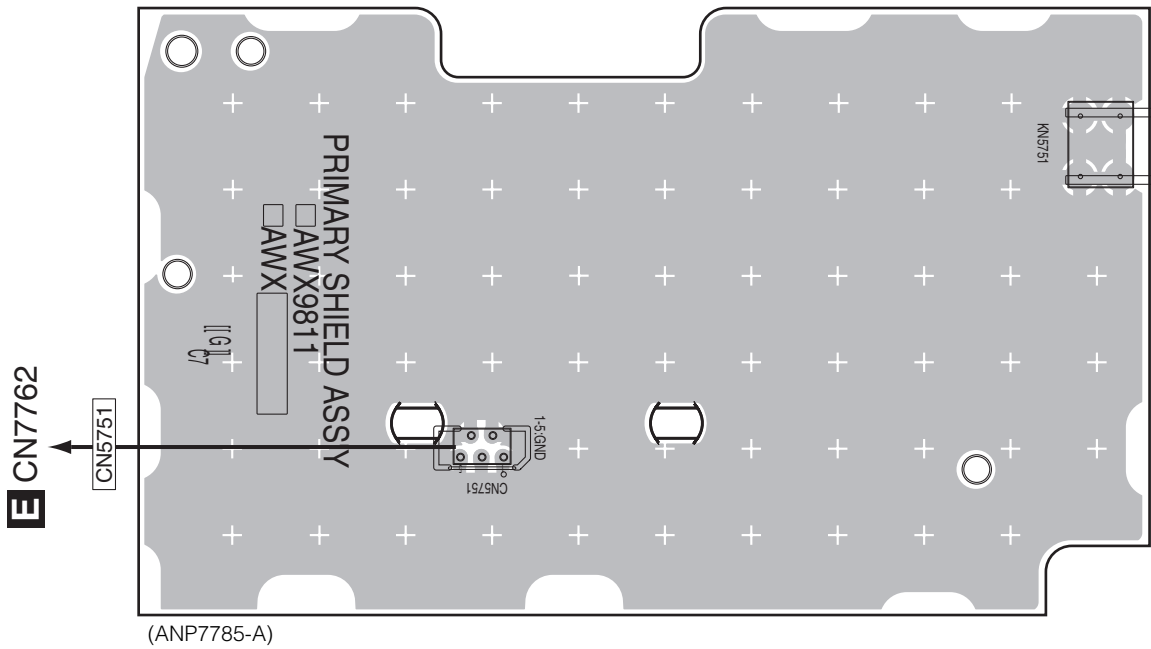
Q71

IC52

11.14 PRIMARY SHIELD and REG ASSYS

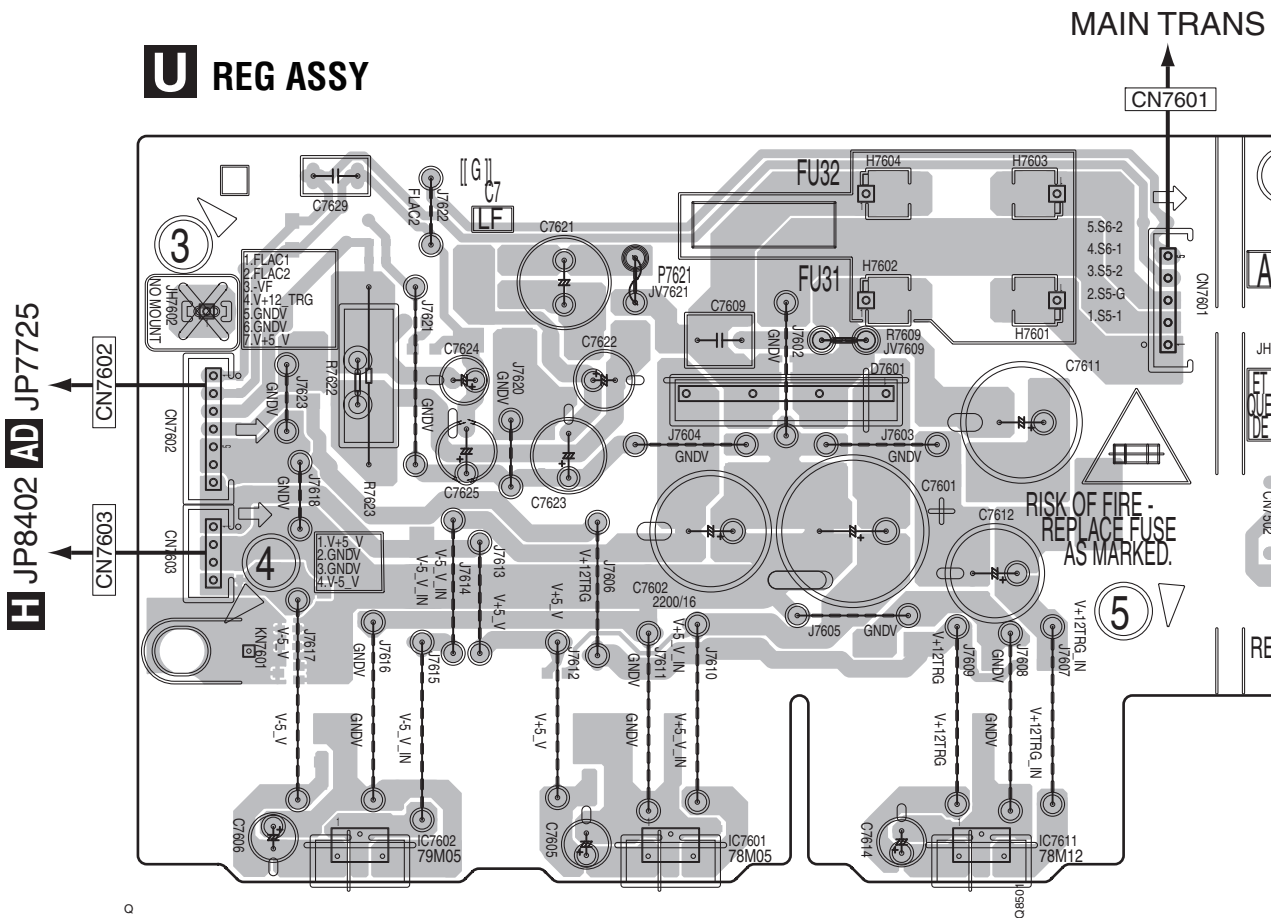
SIDE A

T PRIMARY SHIELD ASSY



(ANP7785-A)

U REG ASSY



H JP8402 AD JP7725

MAIN TRANS

CN7601

RISK OF FIRE - REPLACE FUSE AS MARKED.

5

IC7602 IC7601 IC7611

T U

SIDE A

A

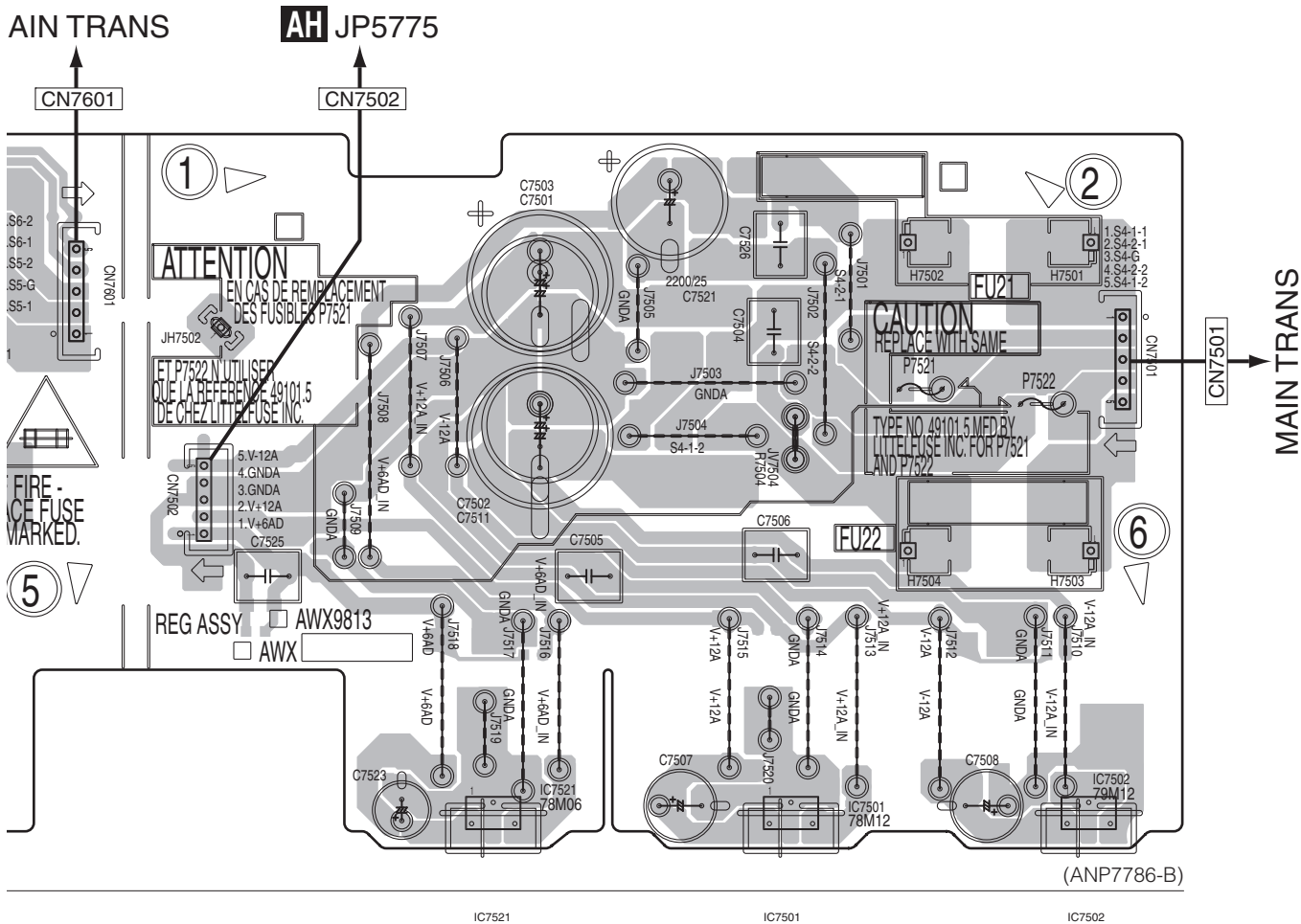
B

C

D

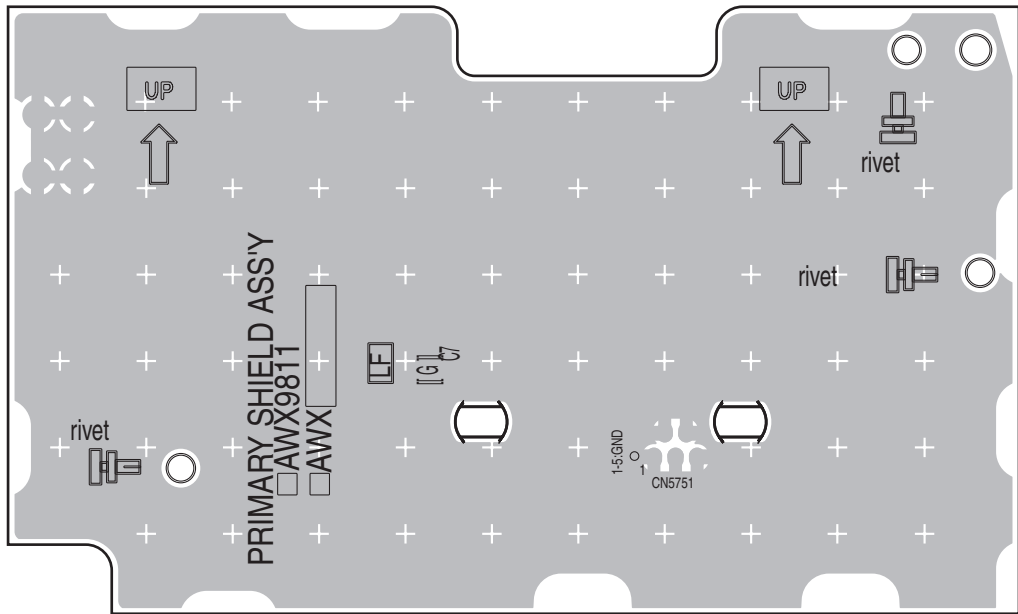
E

F



SIDE B

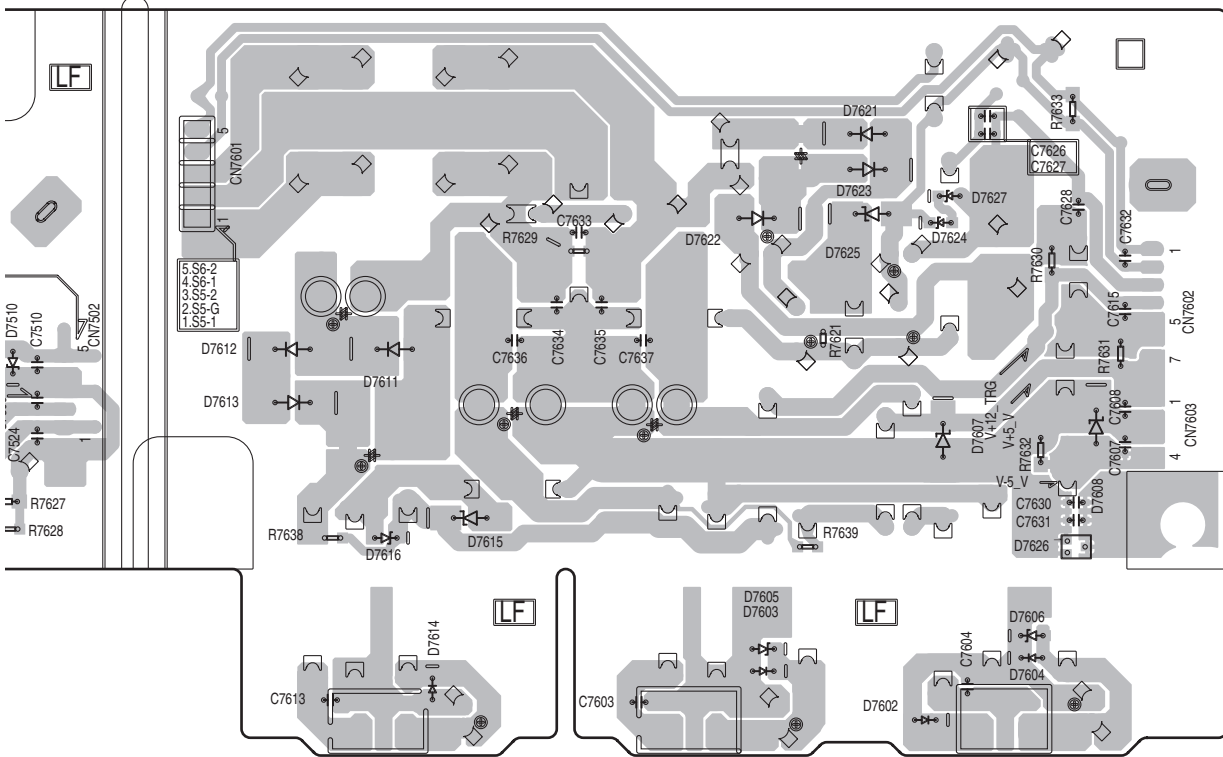
T PRIMARY SHIELD ASSY



(ANP7785-A)

CN7502

CN7601



(ANP7786-B)

SIDE B

SIDE B

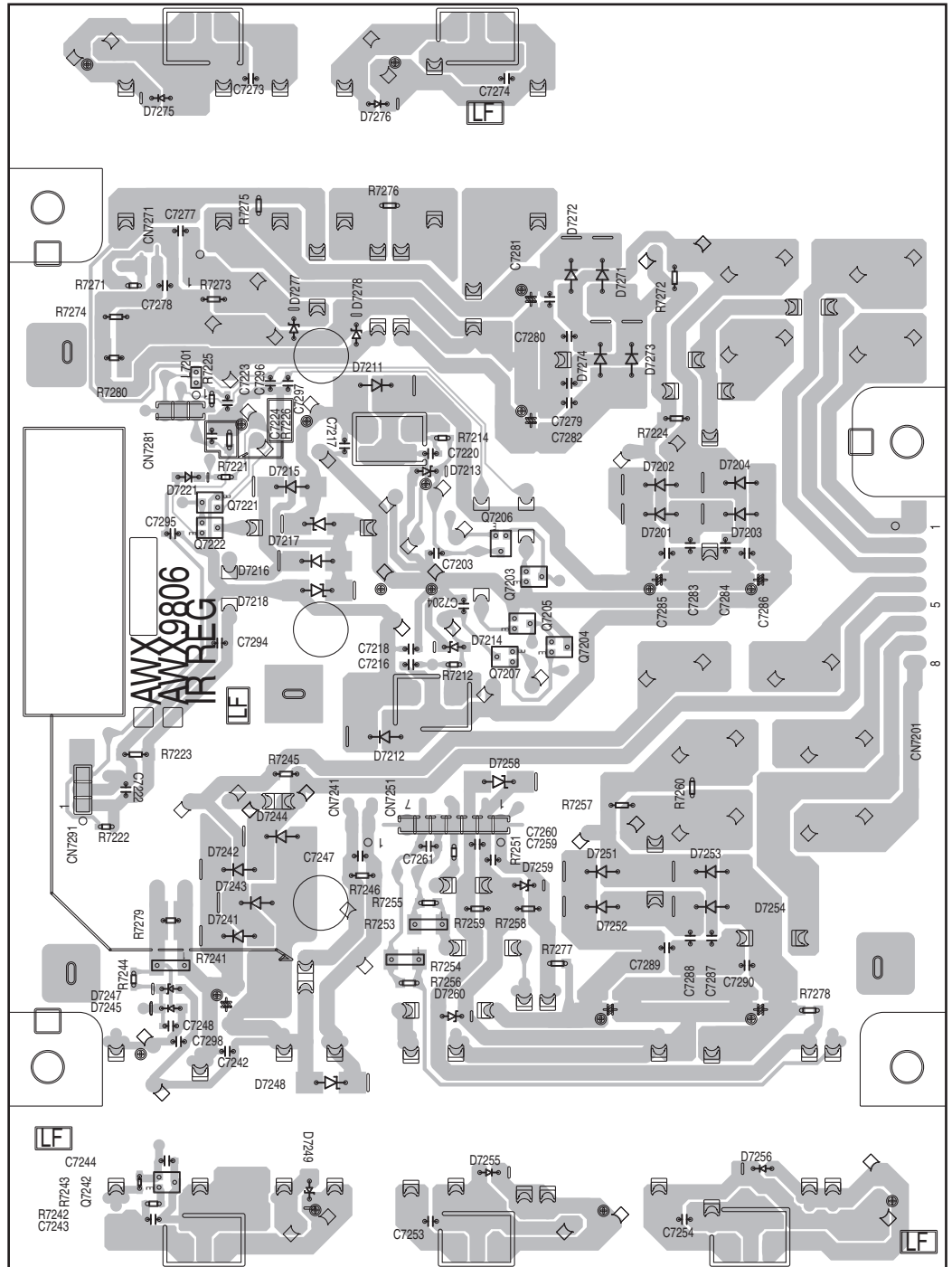
V IR REG ASSY

CN7271 CN7281

IC Q

Q7206
Q7203
Q7205
Q7204
Q7207

Q7242



CN7291

CN7241

CN7251

(ANP7785-A)

V

SC-57

V

A
B
C
D
E
F

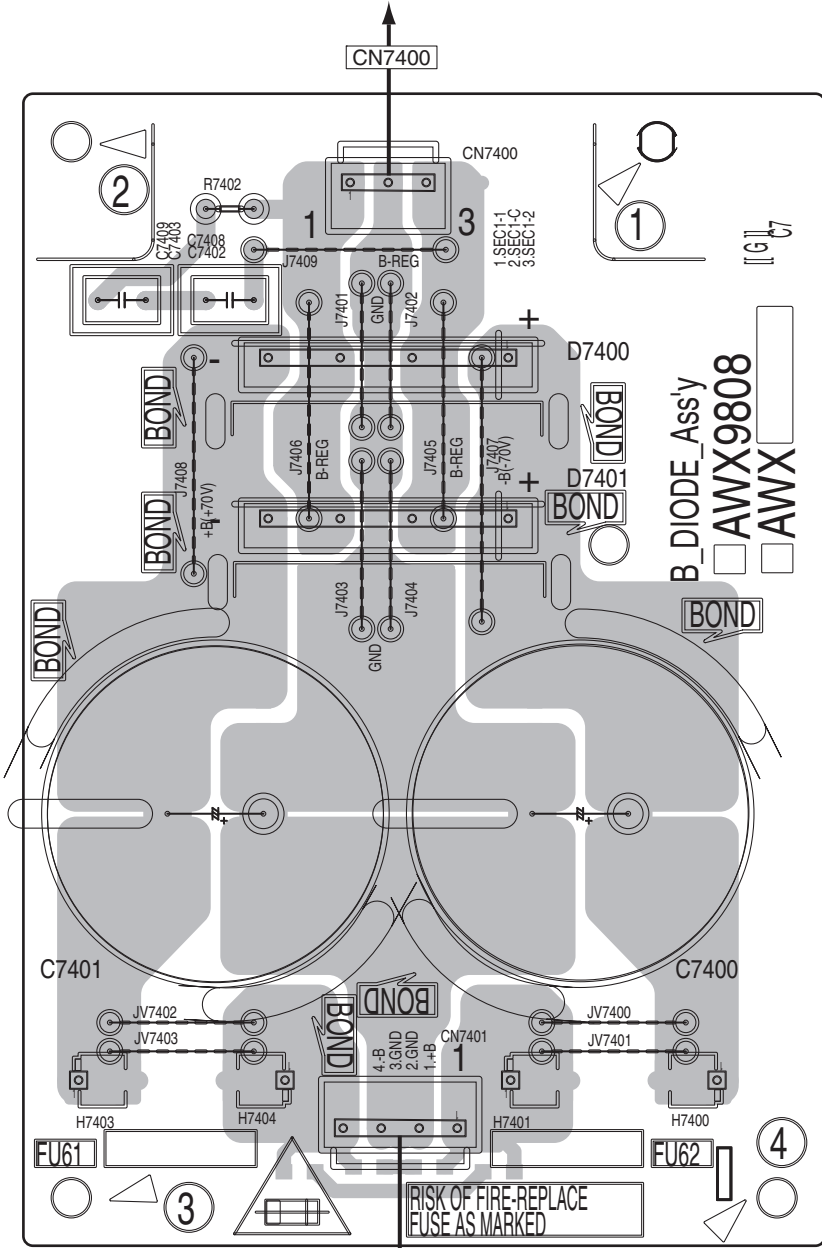
11.16 B DIODE ASSY

SIDE A

SIDE A

W B DIODE ASSY

MAIN TRANS



R CN4001

SIDE B

SIDE B

A

W B DIODE ASSY

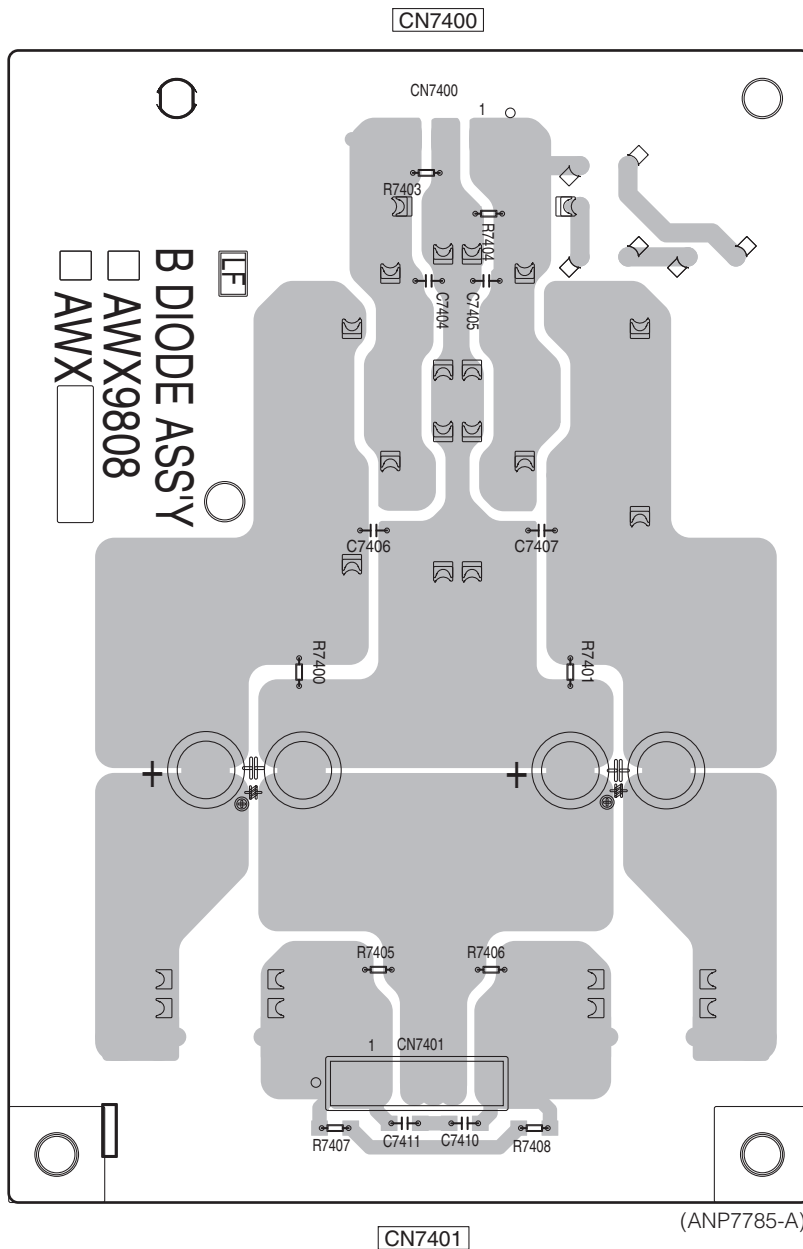
B

C

D

E

F

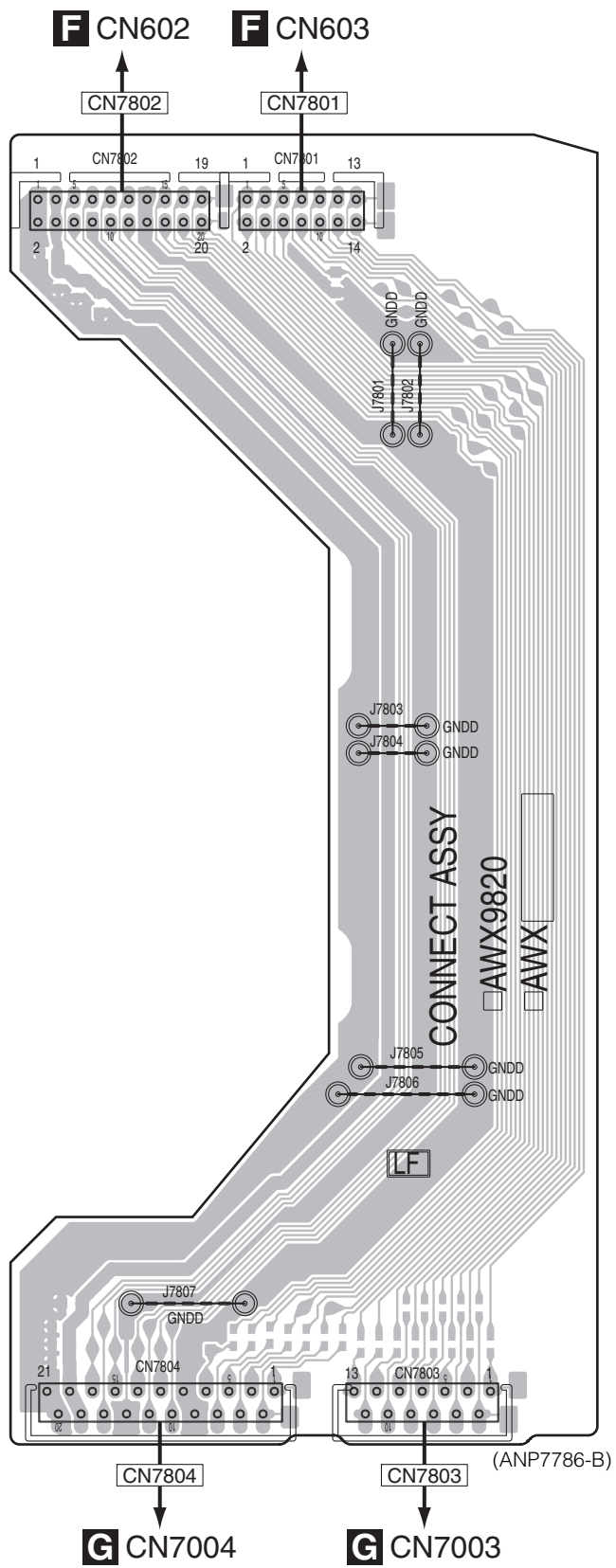


11.17 CONNECT ASSY

SIDE A

SIDE A

X CONNECT ASSY



X

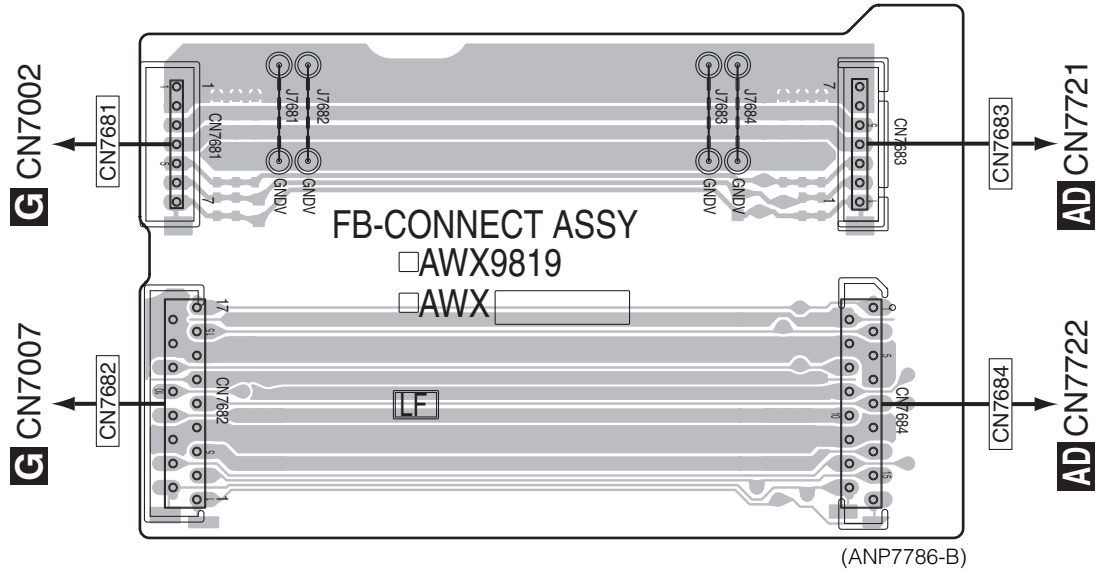
X

11.18 FB-CONNECT and PRE BRIDGE ASSYS

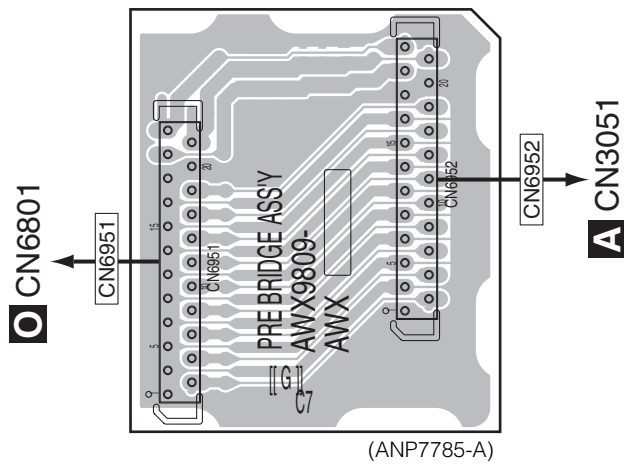
SIDE A

SIDE A

Y FB-CONNECT ASSY



Z PRE BRIDGE ASSY



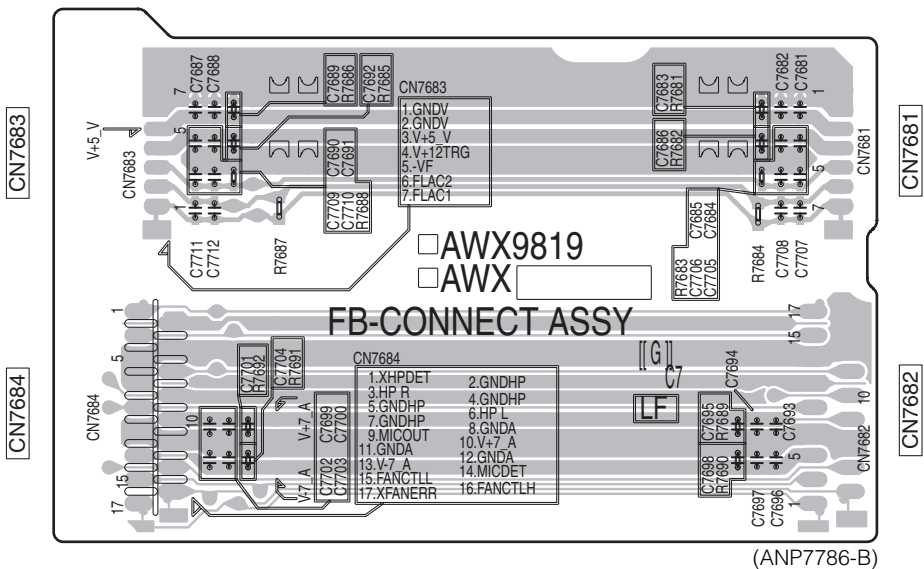
Y Z

Y Z

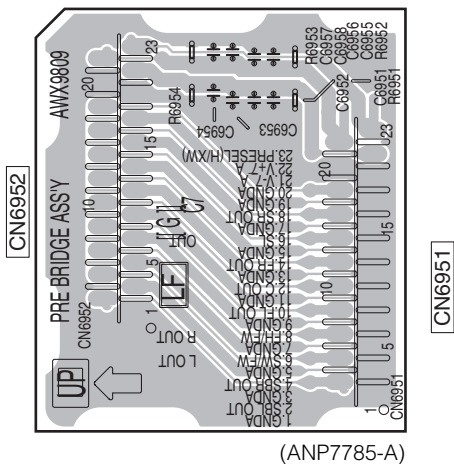
SIDE B

SIDE B

Y FB-CONNECT ASSY



Z PRE BRIDGE ASSY

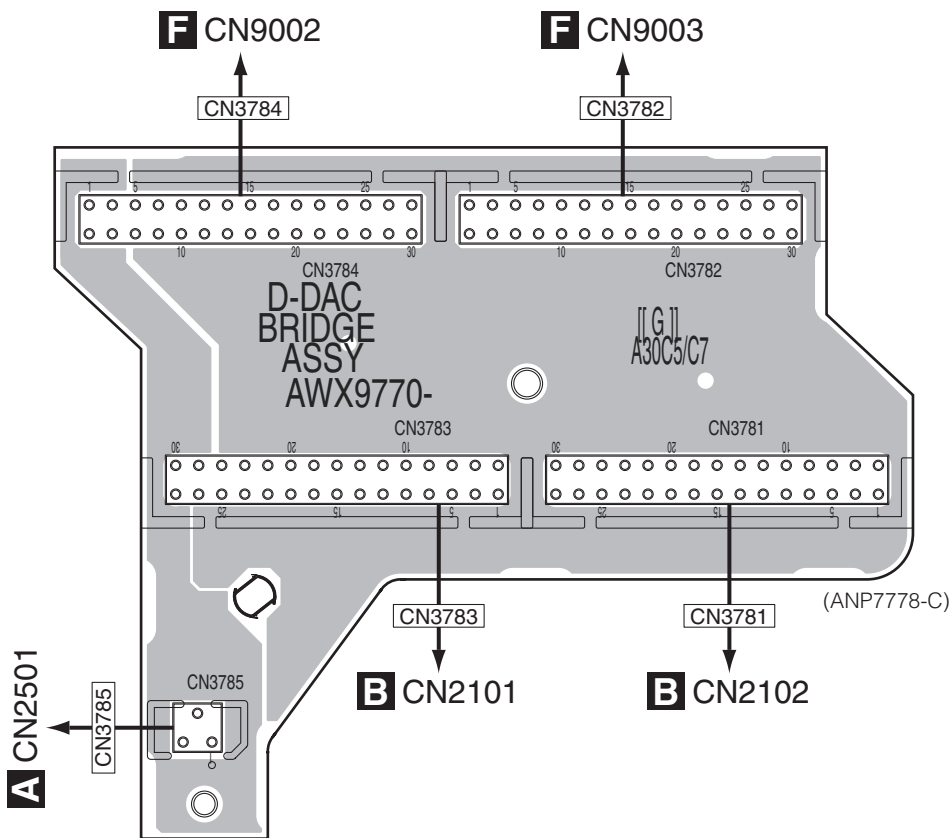


Y Z

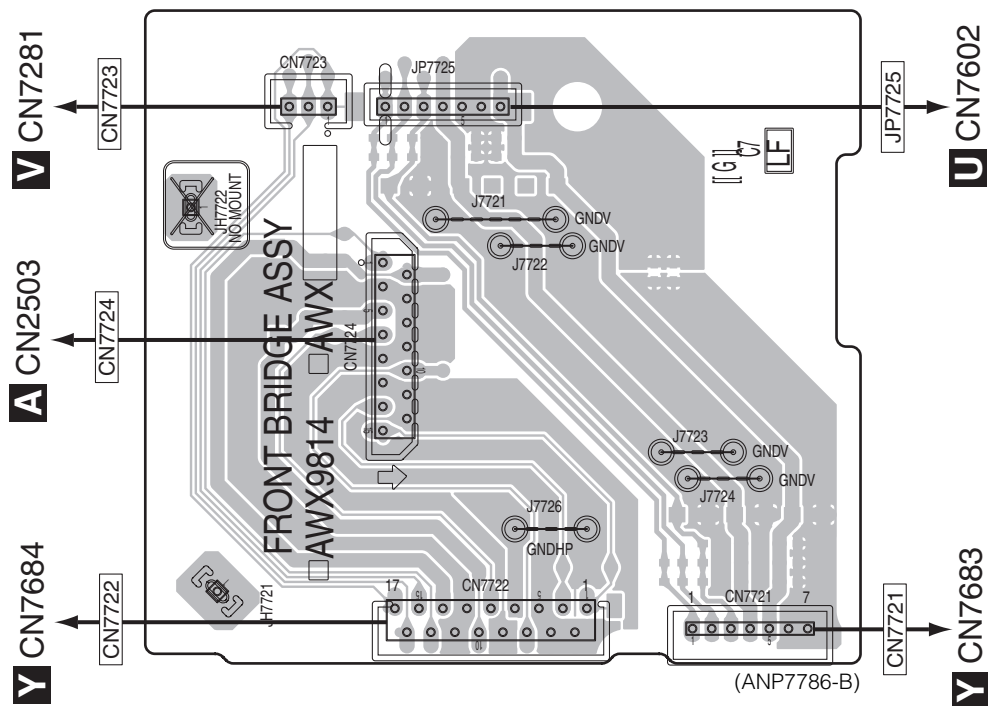
Y Z

SIDE A

AC D-DAC BRIDGE ASSY



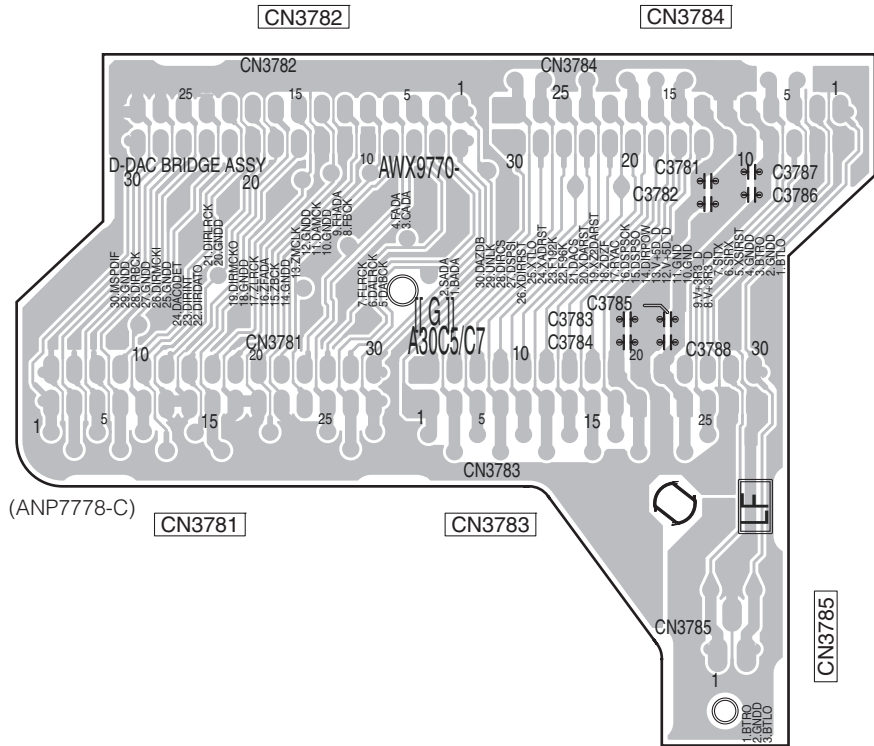
AD FRONT BRIDGE ASSY



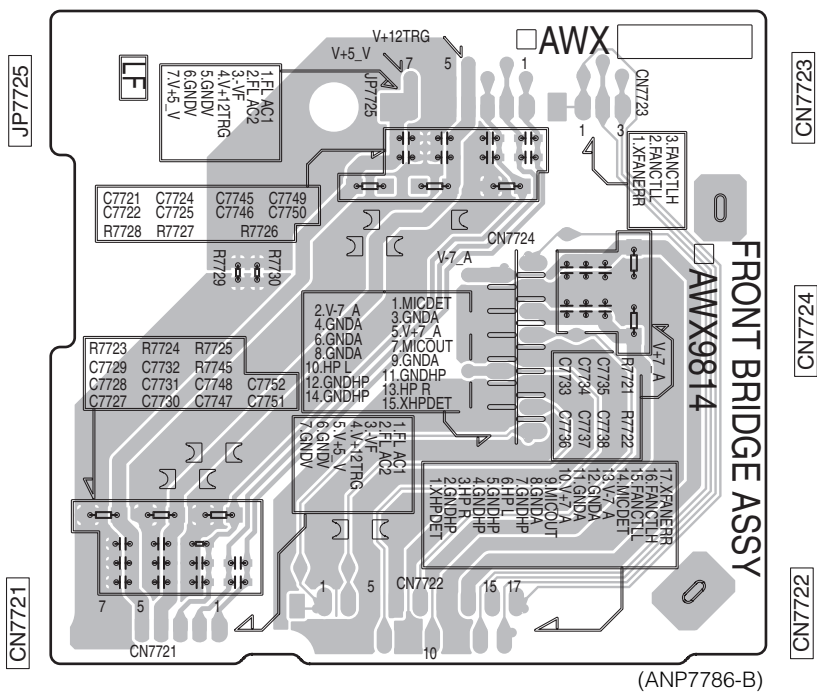
AC AD

SIDE B

AC D-DAC BRIDGE ASSY

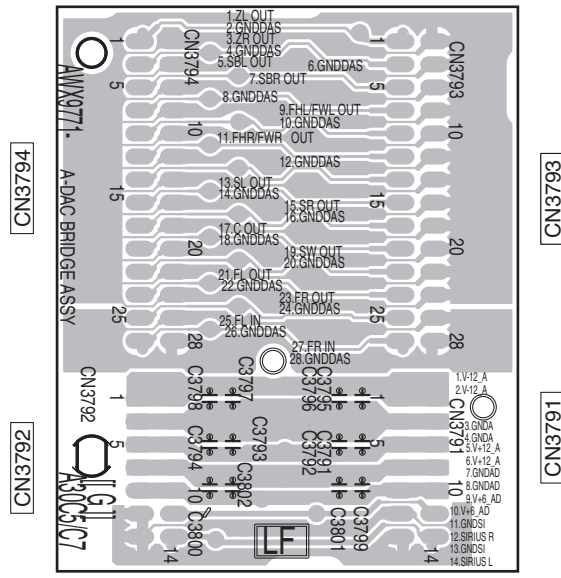


AD FRONT BRIDGE ASSY



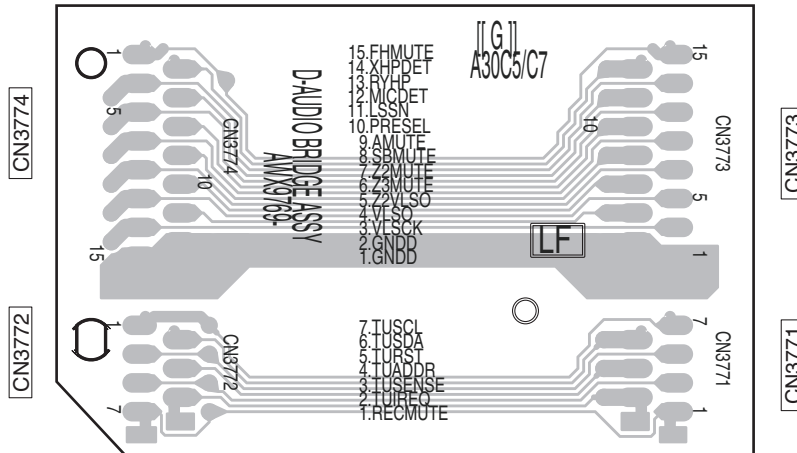
SIDE B

AA A-DAC BRIDGE ASSY



(ANP7778-C)

AB D-AUDIO BRIDGE ASSY



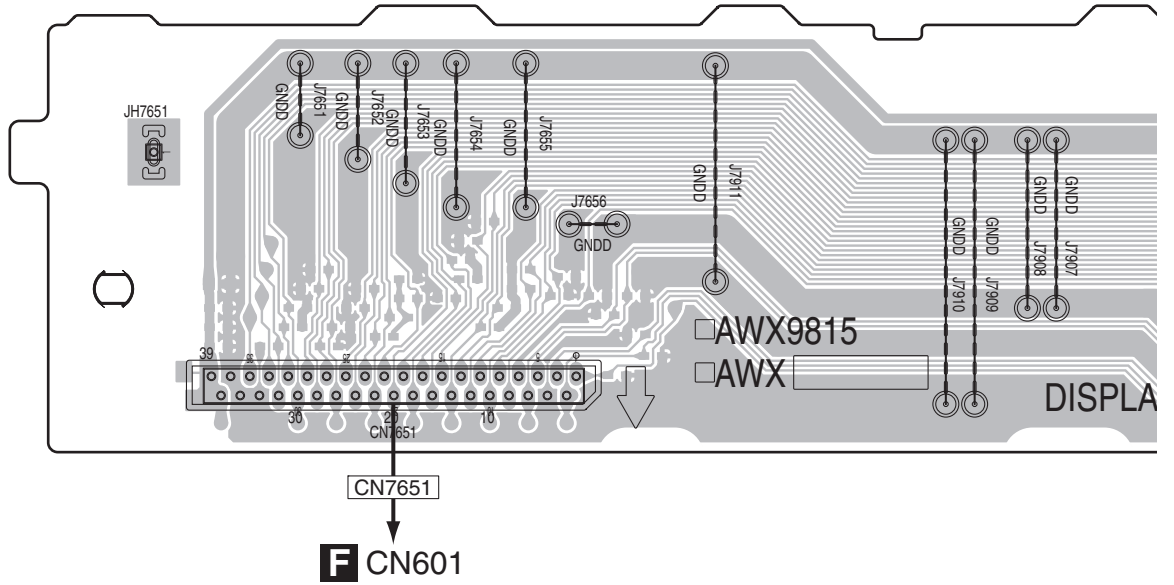
(ANP7778-C)

AA AB

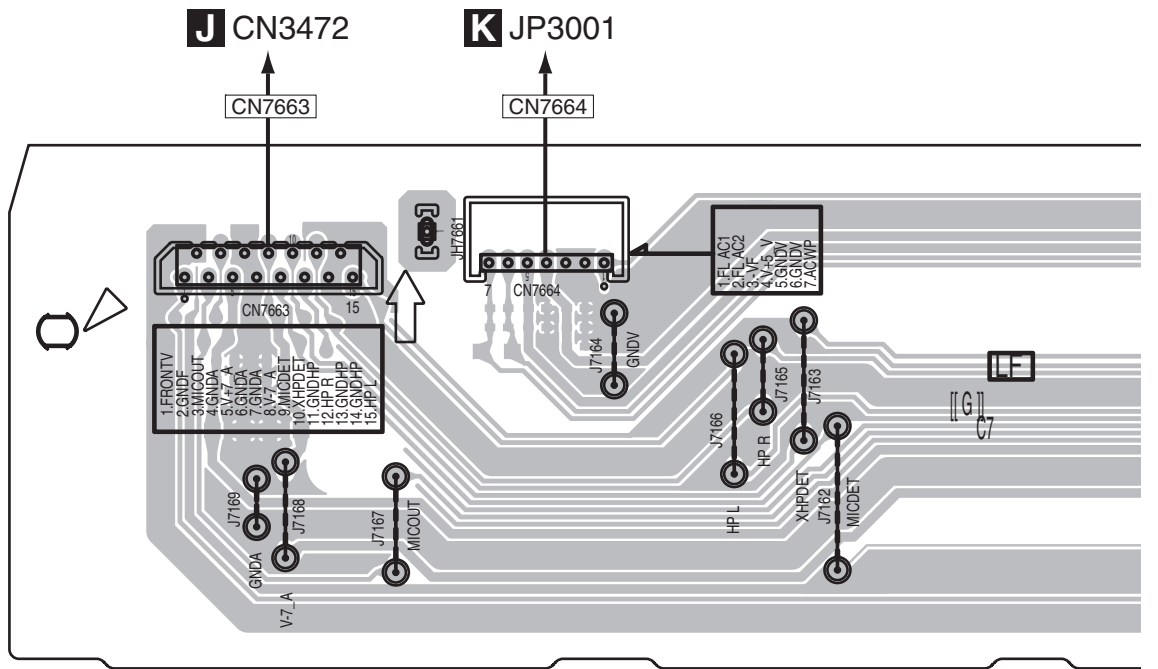
11.20 DISPLAY BRIDGE and F-IN BRIDGE ASSYS

SIDE A

AE DISPLAY BRIDGE ASSY



AF F-IN BRIDGE ASSY



AE AF

SIDE A

A

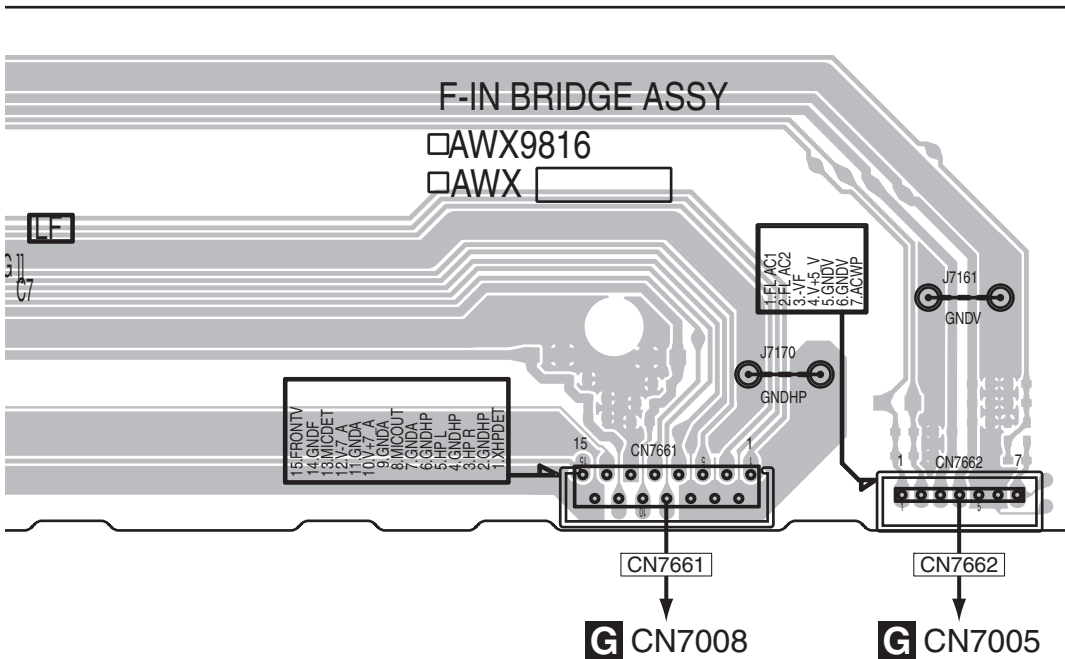
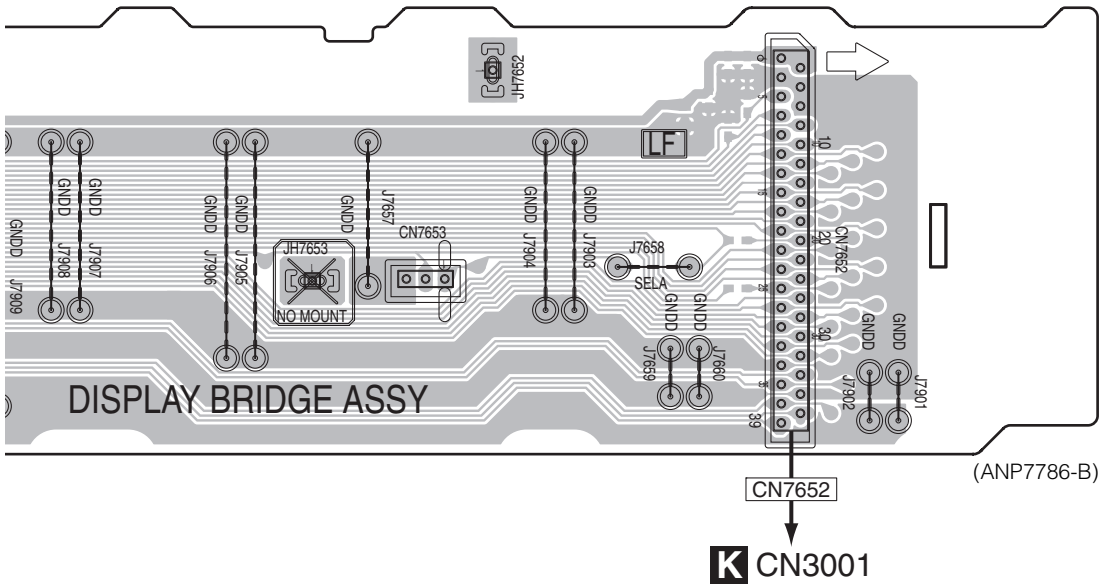
B

C

D

E

F



SC-57

AE AF

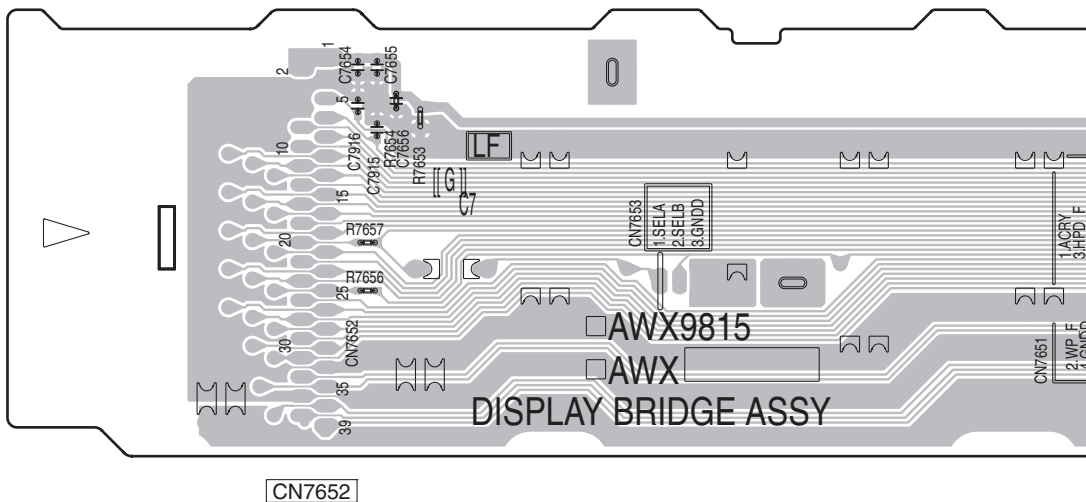
SIDE B

A

B

C

AE DISPLAY BRIDGE ASSY

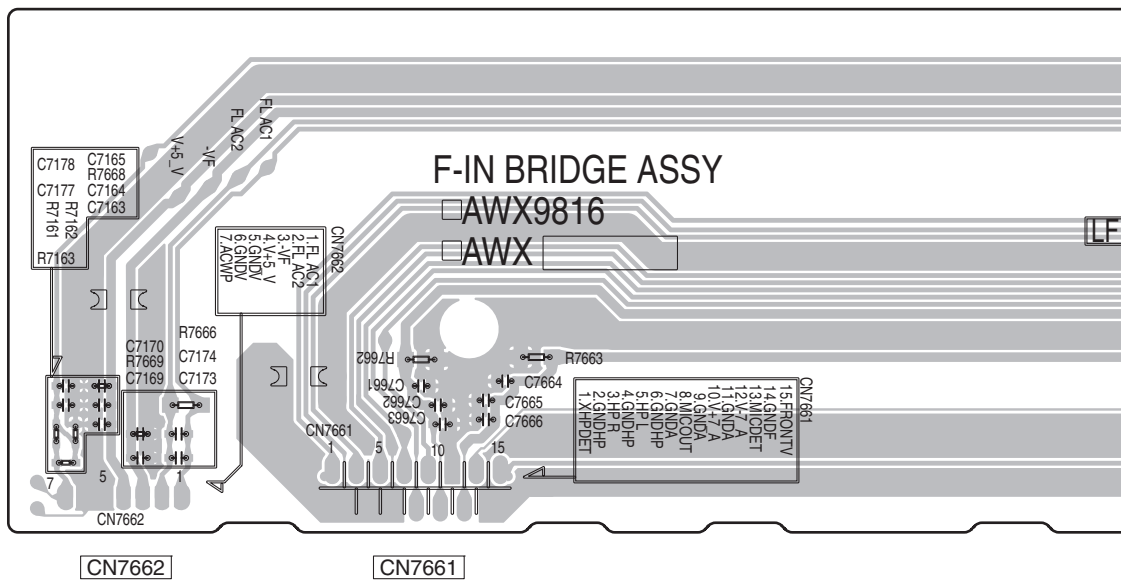


D

AF F-IN BRIDGE ASSY

E

F



AE AF

SIDE B

A

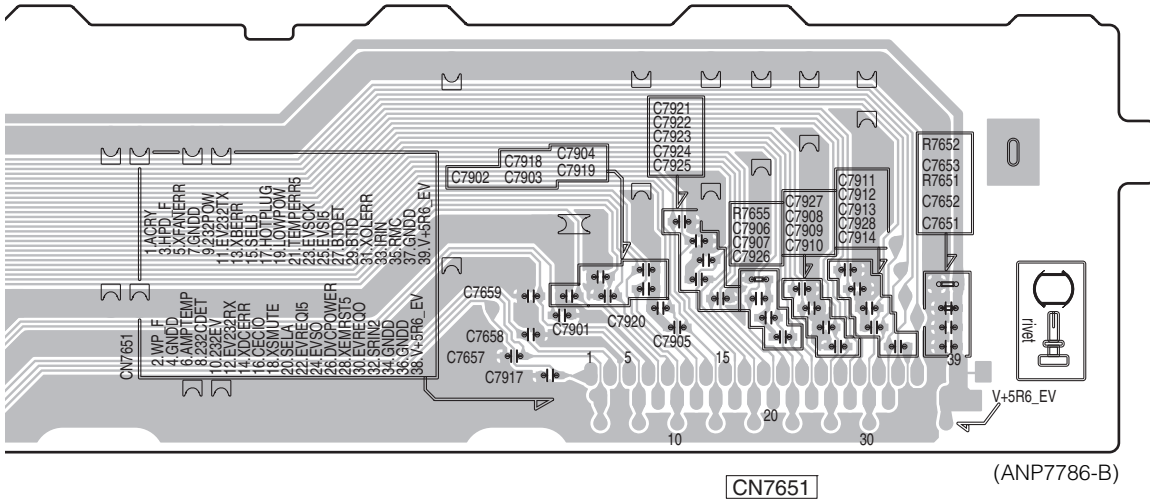
B

C

D

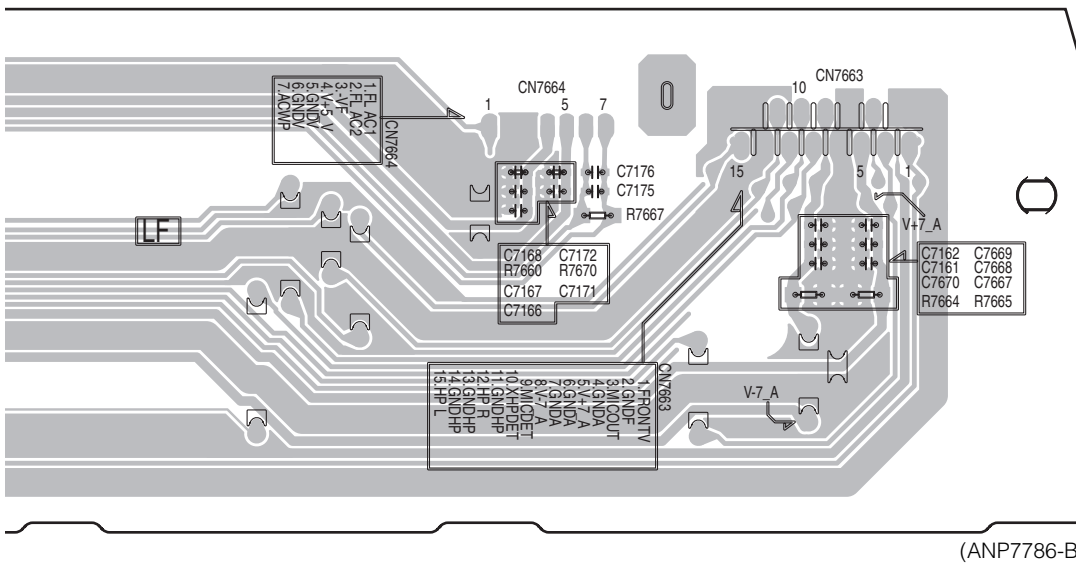
E

F



CN7664

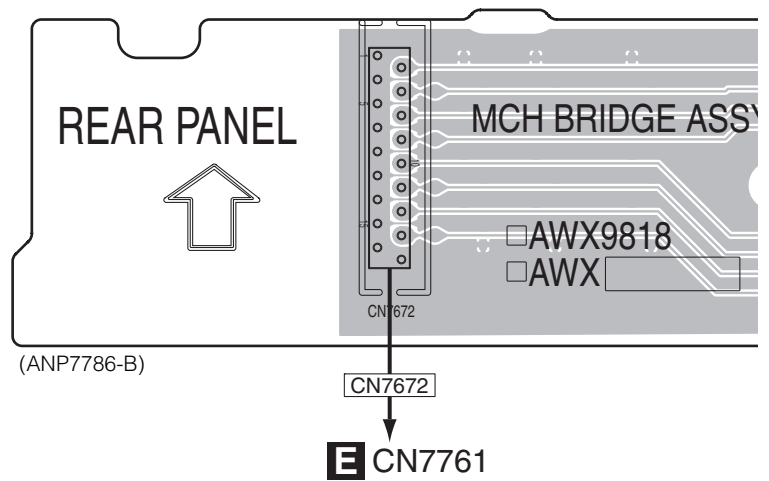
CN7663



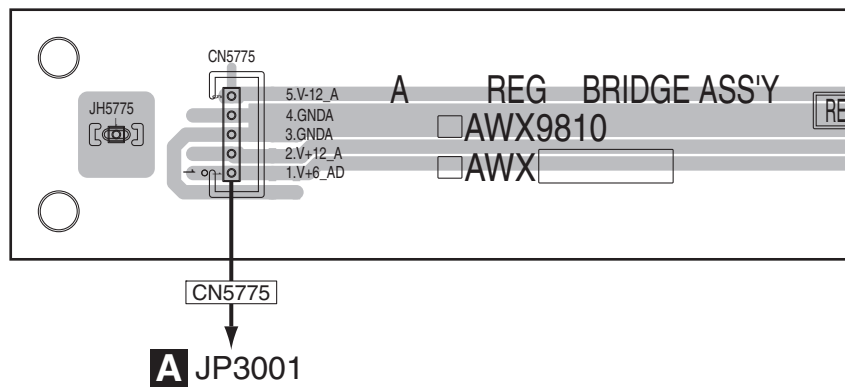
11.21 MCH BRIDGE, A REG BRIDGE and MIC HP GUARD ASSYS

SIDE A

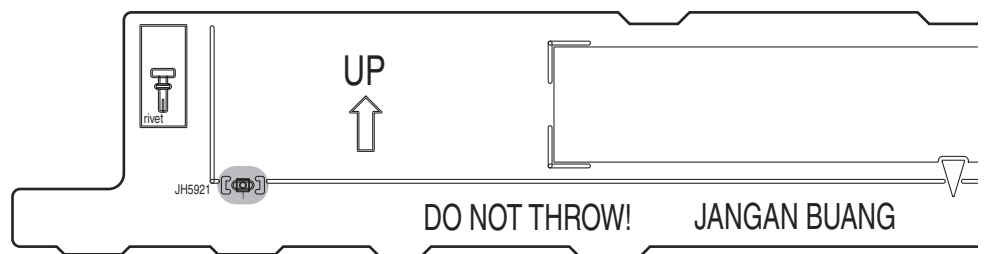
AG MCH BRIDGE ASSY



AH A REG BRIDGE ASS'Y



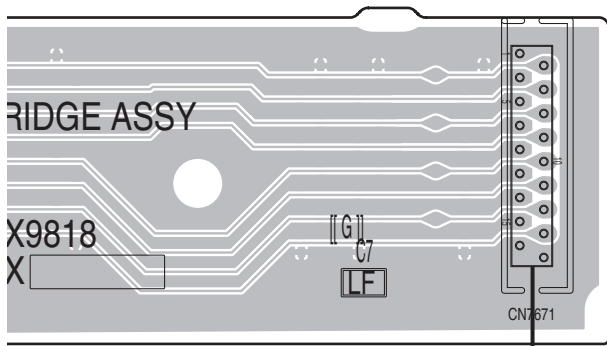
AI MIC HP GUARD ASSY



AG AH AI

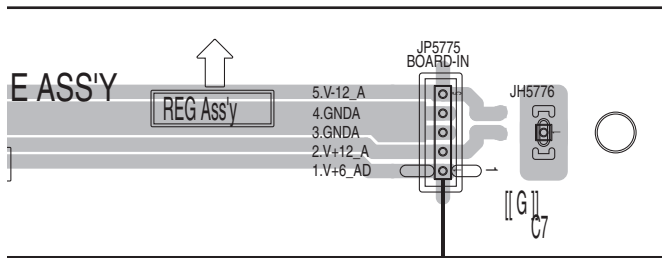
SIDE A

A



CN7671
A CN2510

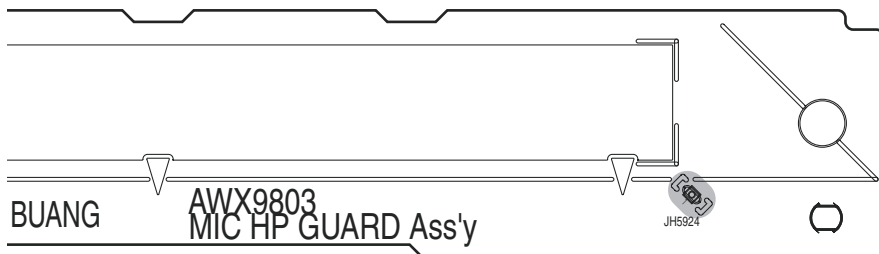
B



JP5775 BOARD-IN
 (ANP7785-A)
U CN7502

C

D



(ANP7784-B)

E

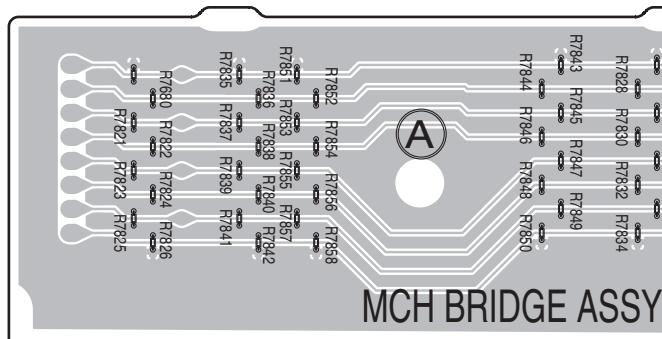
F

AG **AH** **AI**

SIDE B

A

AG MCH BRIDGE ASSY

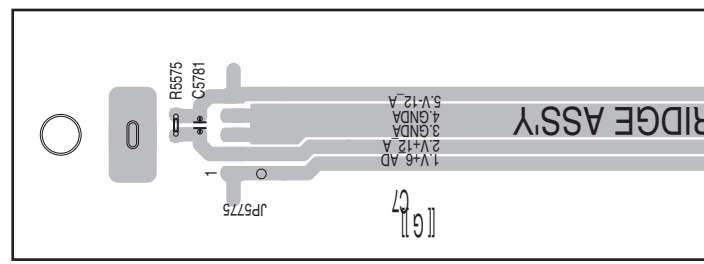


CN7671

B

C

AH A REG BRIDGE ASS'Y



JP5775

D

AI MIC HP GUARD ASSY



E

F

SIDE B

A

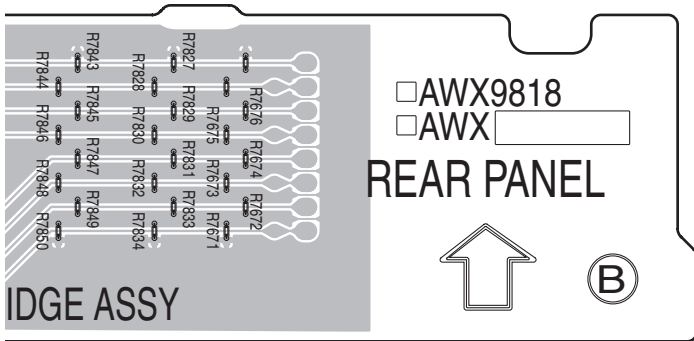
B

C

D

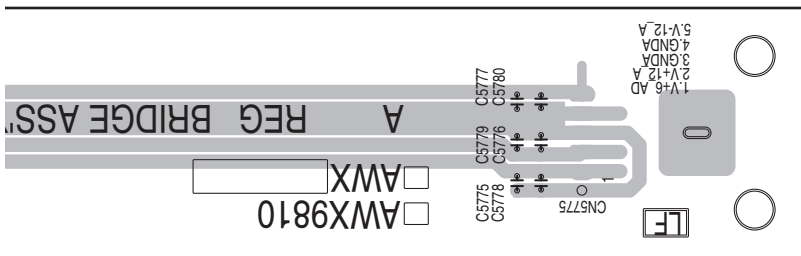
E

F



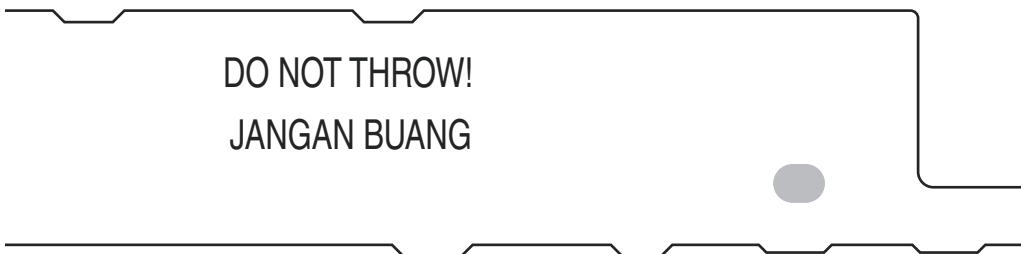
CN7672

(ANP7786-B)



CN5775

(ANP7785-A)



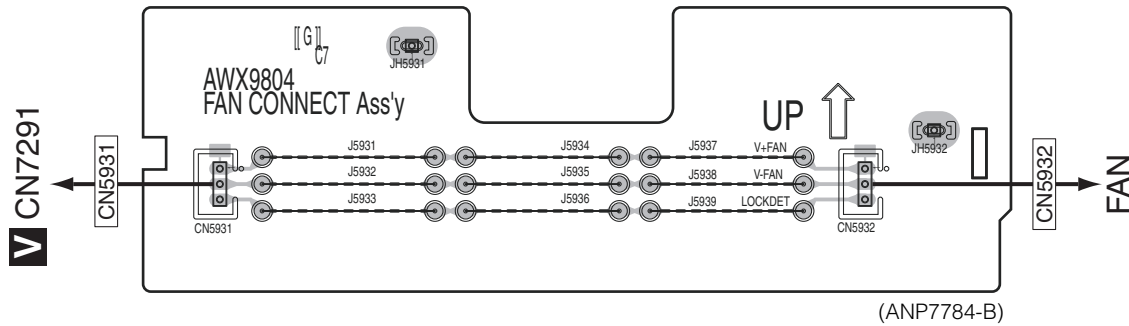
(ANP7784-B)

11.22 FAN CONNECT, BIND DM/BIND B CABLE, FFC GUARD2 and VREG GUARD ASSYS

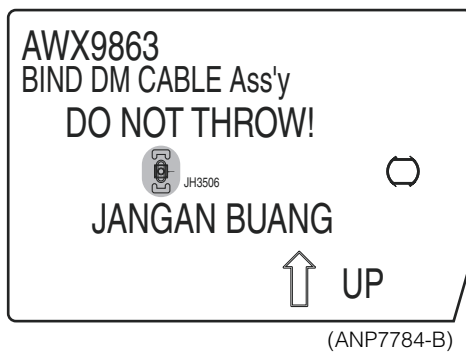
SIDE A

SIDE A

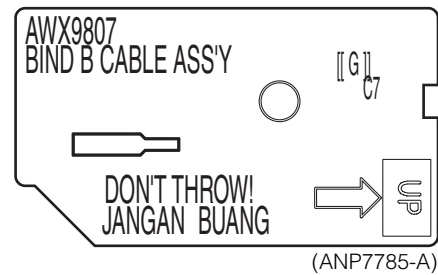
AJ FAN CONNECT ASSY



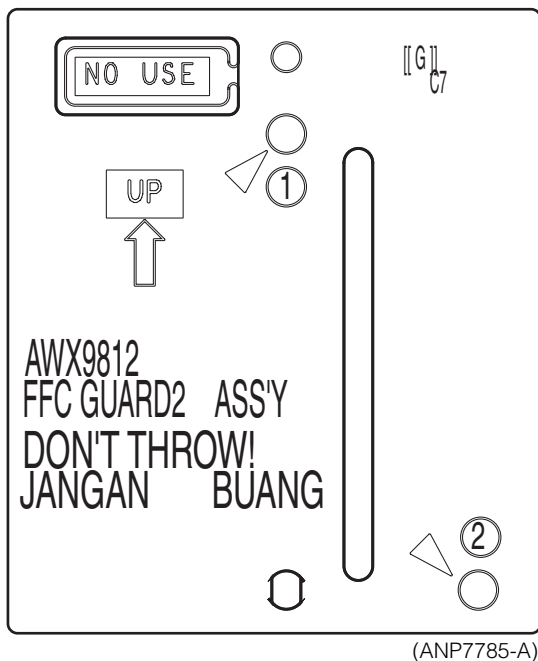
AK BIND DM CABLE ASSY



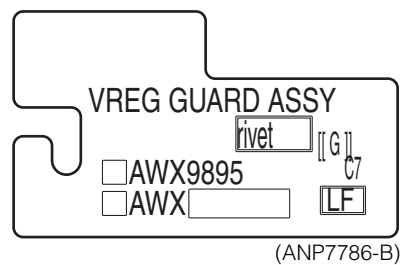
AL BIND B CABLE ASSY



AM FFC GUARD2 ASSY



AN VREG GUARD ASSY



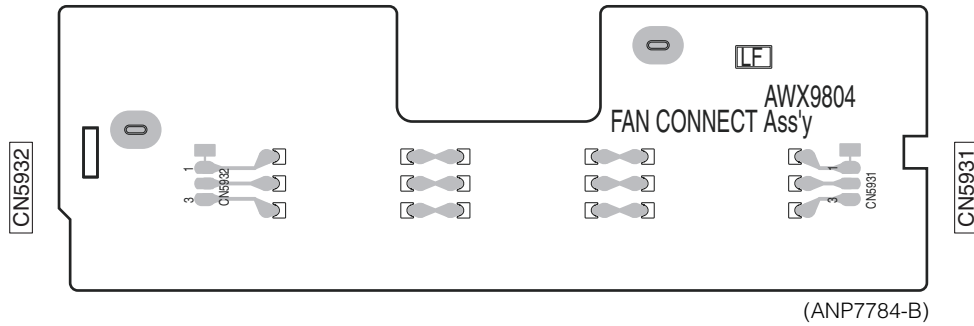
AJ AK AL AM AN

AJ AK AL AM AN

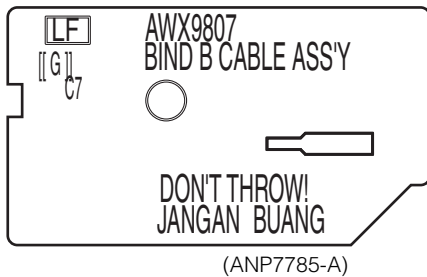
SIDE B

SIDE B

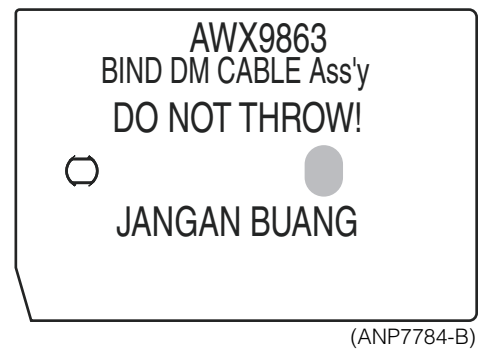
AJ FAN CONNECT ASSY



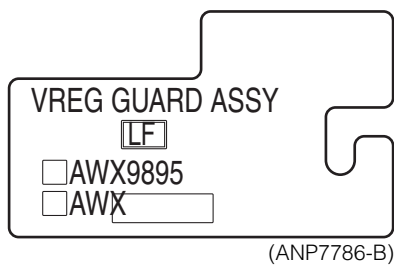
AL BIND B CABLE ASSY



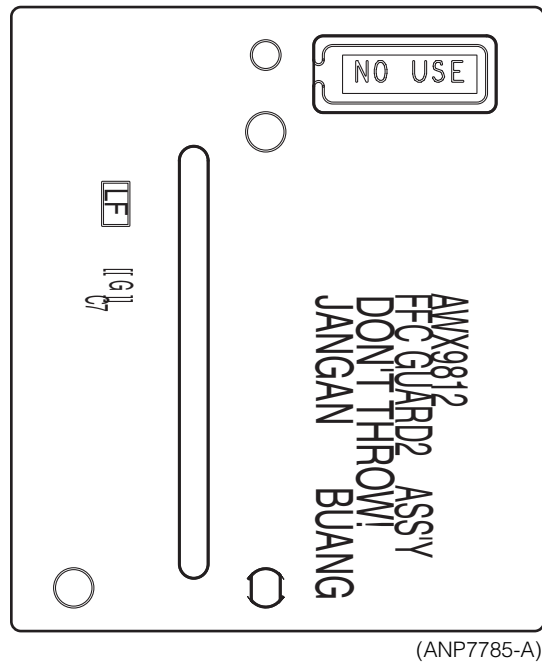
AK BIND DM CABLE ASSY



AN VREG GUARD ASSY



AM FFC GUARD2 ASSY



AJ AK AL AM AN

AJ AK AL AM AN

12. 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 10¹ \rightarrow 561 RD1/APU $\begin{matrix} 5 & 6 & 1 \\ \hline \end{matrix}$ J
 47 k Ω \rightarrow 47 \times 10³ \rightarrow 473 RD1/APU $\begin{matrix} 4 & 7 & 3 \\ \hline \end{matrix}$ J
 0.5 Ω \rightarrow R50 RN2H $\begin{matrix} R & 5 & 0 \\ \hline \end{matrix}$ K
 1 Ω \rightarrow 1R0 RSIP $\begin{matrix} 1 & R & 0 \\ \hline \end{matrix}$ K

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

5.62 k Ω \rightarrow 562 \times 10¹ \rightarrow 5621 RN1/4PC $\begin{matrix} 5 & 6 & 2 & 1 \\ \hline \end{matrix}$ F

Mark No.	Description	Part No.	Mark No.	Description	Part No.
LIST OF ASSEMBLIES			NSP	1..INTERFACE REG ASSY	AWR7111
				2..INTERFACE ASSY	AWX9805
	1..IR POWER AMP ASSY(SC-57)	AWH7030		2..IR REG ASSY	AWX9806
	1..IR POWER AMP ASSY(SC-55/SC-1526-K)	AWH7039		2..B DIODE ASSY	AWX9808
				2..PRE BRIDGE ASSY	AWX9809
NSP	1..IR BUFFER ASSY	AWM8249		2..A REG BRIDGE ASSY	AWX9810
	2..IR BUFFER ASSY	AWX9793		2..PRIMARY SHIELD ASSY	AWX9811
	2..BUFFER GND ASSY	AWX9795	NSP	2..BIND B CABLE ASSY	AWX9807
			NSP	2..FFC GUARD 2 ASSY	AWX9812
NSP	1..PRIM DISPLAY ASSY(SC-57/SC-55)	AWM8250	NSP	1..REG BRIDGE ASSY(SC-57)	AWR7112
	2..DISPLAY ASSY	AWX9796		2..REG ASSY	AWX9813
	2..VOL ASSY	AWX9797		2..FRONT BRIDGE ASSY	AWX9814
	2..POWER SW ASSY	AWX9798		2..DISPLAY BRIDGE ASSY	AWX9815
	2..PRIMARY ASSY	AWX9799		2..F-IN BRIDGE ASSY	AWX9816
	2..MIC HP ASSY	AWX9800		2..MCH BRIDGE ASSY	AWX9818
	2..ENCODER ASSY	AWX9801		2..FB-CONNECT ASSY	AWX9819
	2..MIC HP GUARD ASSY	AWX9803		2..CONNECT ASSY	AWX9820
	2..FAN CONNECT ASSY	AWX9804		2..USB RECT ASSY	AWX9821
	2..BIND DM CABLE ASSY	AWX9863		2..MULTI CH IN ASSY	AWX9857
NSP	1..PRIM DISPLAY ASSY(SC-1526-K)	AWM8267	NSP	2..VREG GUARD ASSY	AWX9895
	2..DISPLAY ASSY	AWX9847	NSP	1..REG BRIDGE ASSY(SC-55/SC-1526-K)	AWR7117
	2..VOL ASSY	AWX9797		2..REG ASSY	AWX9813
	2..POWER SW ASSY	AWX9901		2..FRONT BRIDGE ASSY	AWX9814
	2..PRIMARY ASSY	AWX9799		2..DISPLAY BRIDGE ASSY	AWX9815
	2..MIC HP ASSY	AWX9800		2..F-IN BRIDGE ASSY	AWX9816
	2..ENCODER ASSY	AWX9801		2..FB-CONNECT ASSY	AWX9819
	2..MIC HP GUARD ASSY	AWX9803		2..CONNECT ASSY	AWX9820
	2..FAN CONNECT ASSY	AWX9804		2..USB RECT ASSY	AWX9821
	2..BIND DM CABLE ASSY	AWX9863	NSP	2..VREG GUARD ASSY	AWX9895
NSP	1..AUDIO COMPOSITE ASSY(SC-57)	AWR7106		1..FRONT HDMI USB ASSY	AWX9749
	2..D-AUDIO BRIDGE ASSY	AWX9769		1..IR INTERFACE ASSY	AWX9792
	2..D-DAC BRIDGE ASSY	AWX9935		1..DAC HIGH ASSY(SC-57)	AWX9822
	2..A-DAC BRIDGE ASSY	AWX9936		1..DAC HIGH ASSY(SC-55/SC-1526-K)	AWX9860
	2..AUDIO ASSY	AWX9790		1..DIGITAL MAIN ASSY(SC-57)	AWX9827
	2..COMPOSITE ASSY	AWX9791		1..DIGITAL MAIN ASSY(SC-55/SC-1526-K)	AWX9824
NSP	1..AUDIO COMPOSITE ASSY(SC-55/SC-1526-K)	AWR7110		1..COMPONENT ASSY(SC-57)	AWX9866
	2..D-AUDIO BRIDGE ASSY	AWX9769		1..COMPONENT ASSY(SC-55/SC-1526-K)	AWX9865
	2..D-DAC BRIDGE ASSY	AWX9935		1..FM/AM TUNER UNIT	AXX7282
	2..A-DAC BRIDGE ASSY	AWX9936			
	2..AUDIO ASSY	AWX9833			
	2..COMPOSITE ASSY	AWX9836			

A AUDIO ASSY

AWX9790 and AWX9833 are constructed the same except for the following:

Mark	Symbol and Description	AWX9790	AWX9833
	JA2501 Pin Jack(4p)	AKB7218	XKB3017
	JA2502 2p Pin Jack	AKB7234	AKB7233
	JA2503 Pin Jack(4p)	AKB7218	XKB3017
	JA2504 Pin Jack(4p)	AKB7218	XKB3017
	JA2951 Pin Jack(4p)	AKB7218	XKB3017
	JA3101 Pin Jack(4p)	AKB7218	XKB3017
	JA3102 RCA Jack	AKB7237	AKB7236
	JA3201 Pin Jack(6p)	AKB7221	XKB3037
	JA3202 2p Pin Jack	AKB7234	AKB7233
	CN2510 18p Socket	AKP7123	Not used
	R3951	Not used	RS1/10SR473J
	R3952	Not used	RS1/10SR473J
	R3953	Not used	RS1/10SR473J
	R3954	Not used	RS1/10SR473J
	R3955	Not used	RS1/10SR473J
	R3956	Not used	RS1/10SR473J
	R3957	Not used	RS1/10SR473J
	R3958	Not used	RS1/10SR473J

B DAC HIGH ASSY

AWX9822 and AWX9860 are constructed the same except for the following:

Mark	Symbol and Description	AWX9822	AWX9860
	JA2008 RCA Jack	AKB7235	AKB7173

F DIGITAL MAIN ASSY

AWX9827 and AWX9824 are constructed the same except for the following:

Mark	Symbol and Description	AWX9827	AWX9824
	R9518	RS1/16SS82R0D	RS1/16SS1501D
	R9519	RS1/16SS331J	RS1/16SS152J
	R9520	RS1/16SS7501D	RS1/16SS3302D
	R9521	RS1/16SS622J	RS1/16SS163J
	R9522	RS1/16SS3301D	RS1/16SS1502D
	C140	VCH1277	CEVW221M4
	C156	VCH1268	CEVW101M4
	C995	VCH1277	CEVW221M4
	C996	ACH7306	Not used
	C1031	VCH1234	CEVW101M16
	C1355	VCH1277	CEVW221M4
	C1672	ACH7306	Not used
	C1673	ACH7306	Not used
	C1770	CEVW101M16	Not used
	C1836	CEVW470M16	Not used
	C1847	CEVW101M16	Not used
	C9004	VCH1234	CEVW101M16
	C9537	VCH1234	Not used
	C9547	CKSSYB682K25	CCSSCH102J50
	C9553	CKSSYB472K50	CCSSCH102J50
	C9588	CFHXSQ103J16	Not used
	C9593	ACH7306	Not used
	C9608	CFHXSQ103J16	Not used
	C9702	VCH1234	CEVW101M16

H COMPONENT ASSY

AWX9866 and AWX9865 are constructed the same except for the following:

Mark	Symbol and Description	AWX9866	AWX9865
	JA8301 6p Pin Jack Au	AKB7225	AKB7224
	JA8302 3p Pin Jack Au	AKB7228	AKB7227
	JA8304 3p Pin Jack Au	AKB7228	AKB7227
	JA8305 3p Pin Jack Au	AKB7228	AKB7227
	C8394	CCSRCH470J50	Not used

I COMPOSITE ASSY

AWX9791 and AWX9836 are constructed the same except for the following:

Mark	Symbol and Description	AWX9791	AWX9836
	JA3601 2p Pin Jack	AKB7230	AKB7229
	JA3602 2p Pin Jack	AKB7230	AKB7229
	JA3603 2p Pin Jack	AKB7230	AKB7229
	JA3604 1p Pin Jack	AKB7232	AKB7231
	JA3605 1p Pin Jack	AKB7232	AKB7231
	R3616	RS1/10SR68R0D	RS1/10SR68R0F
	C3608	CKSRYB104K16	CKSRYB104K50
	C3610	CKSRYB104K16	CKSRYB104K50

K DISPLAY ASSY

AWX9796 and AWX9847 are constructed the same except for the following:

Mark	Symbol and Description	AWX9796	AWX9847
	Q3207	LTC124EUB	Not used
	Q3210	LTC124EUB	Not used
	Q3211	LTC124EUB	Not used
	Q3212	LTC124EUB	Not used
	Q3213	LTC124EUB	Not used
	D3204	SLR343BC4T(JKLM)	SLR-343VC(NPQ)
	D3206	SLR343BC4T(JKLM)	SLR-343VC(NPQ)
	D3208	SLR343BC4T(JKLM)	SLR-343VC(NPQ)
	D3210	SLR343BC4T(JKLM)	SLR-343VC(NPQ)
	D3212	SLR343BC4T(JKLM)	Not used
	R3068	RS1/10SR102J	Not used
	R3079	Not used	RS1/10SR0R0J
	R3095	RS1/10SR101J	Not used
	R3114	Not used	RS1/10SR0R0J
	R3211	Not used	RS1/10SR0R0J
	R3212	Not used	RS1/10SR0R0J
	R3213	Not used	RS1/10SR0R0J
	R3214	Not used	RS1/10SR0R0J
	R3241	RS1/10SR151J	RS1/10SR681J
	R3242	RS1/10SR151J	RS1/10SR681J
	R3243	RS1/10SR151J	RS1/10SR681J
	R3244	RS1/10SR151J	RS1/10SR681J
	R3245	RS1/10SR151J	Not used
	R3356	RS1/10SR101J	Not used
	C3048	CCSRCH100D50	Not used
	C3218	CCSRCH470J50	Not used
	C3338	CCSRCH100D50	Not used

M POWER SW ASSY

AWX9798 and AWX9901 are constructed the same except for the following:

Mark	Symbol and Description	AWX9798	AWX9901
	Q3401	LTC143EUB	Not used
	D3402	SLR343BC4T(JKLM)	Not used
	R3401	RS1/10SR151J	Not used
	C3401	CCSRCH221J50	Not used

R IR POWER AMP ASSY

AWH7030 and AWH7039 are constructed the same except for the following:

Mark	Symbol and Description	AWH7030	AWH7039
	JA4101 Sp Terminal 6-p(v0)	AKE7150	AKE7142
	JA4301 Sp Terminal 4-p(v0)	AKE7149	AKE7141
	JA4501 Sp Terminal 4-p(v0)	AKE7149	AKE7141
	JA4901 Sp Terminal 4-p(v0)	AKE7149	AKE7141
	JA5101 Sp Terminal 4-p(v0)	AKE7149	AKE7141

PCB PARTS LIST FOR SC-57/UXJCB UNLESS OTHERWISE NOTED

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
						JP 3001 HOUSING	ADX7745

A AUDIO ASSY

SEMICONDUCTORS

IC	2501,3273	BD3473KS2
IC	2661,2751,2801	NJM4565MD
IC	2701	TC4066BFN
IC	2702	UPC4570G2-A
IC	3101,3151,3201,3251	NJM4580V
IC	3221	TC4052BFN
IC	3271,3272	NJM4580V
Q	2721,2853,3221,3222	LTC124EUB
Q	2722	LTA124EUB
Q	2803,2951,2971,3101	IMX25
Q	2852	LSA1576UB
⚠	Q 3001	2SD1858X
⚠	Q 3002	2SB1237X
Q	3102,3151,3152,3201	IMX25
Q	3202,3251,3252,3271	IMX25
Q	3272,3274-3276	IMX25
⚠	Q 3901	2SD1664
D	2691,2692,2701,2702	1SS302
D	2851,2852	1SS352
D	3001,3002	HZU7R5(B2)
D	3902	UDZS5R6(B)
D	3903	UDZS3R3(B)

MISCELLANEOUS

JA	2501,2503,2504 PIN JACK(4P)	AKB7218
JA	2502,3202 2P PIN JACK	AKB7234
JA	2951,3101 PIN JACK(4P)	AKB7218
JA	3102 RCA JACK	AKB7237
JA	3201 PIN JACK(6P)	AKB7221
RY	2851 RELAY	CSR1031
CN	2501 3P SOCKET	XKP3072
CN	2502 B TO B CONNECTOR	AKP7269
CN	2503 15P CONNECTOR	52044-1545
CN	2510 18P SOCKET	AKP7123
CN	2861 15P SOCKET	XKP3078
CN	3001 14P SOCKET	AKP7248
CN	3051 23P SOCKET	XKP3082
CN	3901 7P SOCKET	XKP3074
CN	3902 CONNECTOR	9604S-09C

RESISTORS

R	2687	RS1/8SQ105J
R	2688	RS1/8SQ152J
R	2819,2820	RD1/4MUF330J
R	3031	RS1/8SQ475J
R	3032	RS1/8SQ562J

Other Resistors

RS1/10SR###J

CAPACITORS

C	2505,2506,2525,2526	CEAK220M50
C	2545,2546,2587,2588	CEAK220M50
C	2565,2566,2663,2664	CEAK100M50
C	2609,2610,2731,2732	CEAK220M50
C	2669,2670,2817,2818	CEAK470M25
C	2671,2672	CKSRB822K50
C	2673-2676	CCSRCH122J50
C	2677,2678,2707,2708	CEAK100M50
C	2679,2680,3903,3906	CEAK101M16
C	2683,2699,2803,2804	CKSRB103K50
C	2693,2694,2828,2836	ACH1479
C	2695,2696,2709-2712	CFHXSQ103J16
C	2697,2698,2700,2703	CCSRCH101J50
C	2704,2759,2829,2830	CCSRCH101J50
C	2751-2758,2760,2826	CEAK100M50
C	2763,2764,2815,2816	CFHXSQ103J16
C	2801,2802,2805,2806	CEAT1ROM50
C	2807,2808	CCSRCH221J50
C	2819,2820	CEAT471M16
C	2821,2822,3167,3225	CCSRCH100D50
C	2827,2903,2904,2907	CEAK100M50
C	2832,2852,2853,3914	CCSRCH101J50
C	2834,2835,3055,3056	CFHXSQ103J16
C	2851	CEAK101M35
C	2863-2866,3073,3075	CKSRB104K50
C	2908,3025,3026	CEAK100M50
C	2981,2983,3007,3008	CKSRB103K50
C	3001,3002	CEAK2R2M50
C	3011,3012,3909	CCSRCH331J50
C	3021,3904,3907,3947	CKSRB103K50

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	C	3053,3054	ACH1480				
	C	3074,3076,3077,3192	CCSRCH471J50	R	2022,2263,2472		RS1/16SS221J
A	C	3078,3191,3291,3905	CKSRYP104K50	R	2026,2470		RS1/16SS471J
	C	3103,3104,3153,3154	CFHXSQ103J16	R	2028		RS1/16SS1002F
	C	3105,3106,3155,3205	CEAK220M50	R	2048,2084,2085,2087		RS1/16SS470J
				R	2049,2053,2086,2088		RS1/16SS101J
	C	3203,3204,3221,3222	CFHXSQ103J16				
	C	3206,3255,3256,3275	CEAK220M50	R	2064-2067,2094,2095		RS1/16SS100J
	C	3253,3254,3273,3274	CFHXSQ103J16	R	2089,2115,2119,2238		RS1/16SS101J
	C	3276,3926,3927	CEAK220M50	R	2121,2125,2126,2431		RS1/16SS100J
	C	3292,3935,3948	CCSRCH471J50	R	2200-2203,2227,2228		RS1/16SS0R0J
				R	2222		RS1/16SS183J
	C	3901	CCSRCH270J50				
	C	3908,3911-3913	CCSRCH100D50	R	2230,2234,2235,2239		RS1/16SS0R0J
	C	3915-3917,3919-3921	CCSRCH100D50	R	2240		RS1/16SS470J
B	C	3918,3934	CKSRYP104K50	R	2285,2286,2289-2291		RS1/16SS0R0J
	C	3928,3929	CFHXSQ103J16	R	2432		RS1/16SS100J
				R	2433-2435,2437-2439		RS1/16SS101J
	C	3946	CCSRCH100D50				
	C	3951	CCSRCH101J50	R	2440,2446-2450		RS1/16SS0R0J
	C	3952-3954	CEAK100M50	R	2441,2442,2471,2480		RS1/16SS101J
				R	2469		RS1/16SS331J
				R	2473,2474		RS1/16SS102J
				R	2481,2485,2487,2488		RS1/16SS101J
				R	2489		RS1/16SS151J
				R	2490		RS1/16SS820J
				R	2491,2493		RS1/8SQ105J
				R	2492		RS1/8SQ474J
				R	2498,2499		RS1/8SQ225J
				Other Resistors			RS1/10SR###J

B DAC HIGH ASSY

SEMICONDUCTORS

	IC	2001	AK4118AEQ				
	IC	2003,2005-2007,2018	RNB4580F				
	IC	2004,2016	TC74LCX08FK				
	IC	2010	TC74VHC08FK				
	IC	2011-2014,2017	AK4480EF				
	⚠	IC 2015	NJM2880U1-33				
	⚠	IC 2106	TC74VHC126FK				
	⚠	IC 2181	NJM2872BF33				
	⚠	IC 2183	NJM2845DL1-05				
		IC 2401,2402,2451	NJM4565MD				
		IC 2431	PCM1804DB				
		IC 2471	AK4388ET				
D	D	2130	1SS302	C	2002,2005,2124,2126		CKSRYP103K50
	D	2201-2203	1SS352	C	2003,2006,2009-2016		CKSRYP104K50
	D	2431,2432	1SS301	C	2017,2030,2059,2089		CEAK221M16
				C	2018,2021,2024,2440		CEAK101M16
				C	2019,2029,2032,2046		CCSSCH331J50
	D	2433,2434	1SS300	C	2020,2023,2028,2033		CKSSYP104K16
				C	2022,2054		CCSSCH101J50
				C	2025,2295,2490-2499		CCSRCH100D50
				C	2026,2065,2066		CKSRYP474K16
				C	2034,2041,2074,2075		CCSRCH102J50
				C	2042-2045,2076,2078		CCSRCH331J50
				C	2047,2056,2106,2176		CKSSYP104K16
				C	2048,2049,2080,2081		CFHXSQ103J16
				C	2055		CEAK102M16
				C	2057		CKSSYP103K25
				C	2058,2193		CKSQYB225K10
				C	2070,2071,2086,2087		CFHXSQ472J16
				C	2073,2105,2122,2131		CKSRYP104K50
				C	2077,2079,2218,2221		CCSRCH221J50
				C	2082,2083,2098,2099		CEAK100M50
				C	2090,2091,2107,2108		CCSRCH102J50
				C	2092-2095,2109-2111		CCSRCH331J50
				C	2096,2097,2114,2115		CFHXSQ103J16
				C	2102,2103,2120,2121		CFHXSQ472J16
				C	2112,2174,2430		CCSSCH331J50
				C	2113,2223,2235,2237		CCSRCH331J50
				C	2116,2117,2239,2247		CEAK100M50
				C	2127,2128,2451,2452		CEAT220M50
				C	2129,2130,2178,2183		CKSRYP103K50
				C	2132,2135,2136,2139		CKSRYP104K50

MISCELLANEOUS

	L	2004-2010 CHIP SOLID INDUCTOR	QTL1013				
	L	2012-2018 CHIP SOLID INDUCTOR	QTL1013				
	L	2020,2021 CHIP SOLID INDUCTOR	QTL1013				
	L	2102,2431 CHIP SOLID INDUCTOR	QTL1013				
	L	2442,2471 CHIP SOLID INDUCTOR	QTL1013				
E	L	2472,2473 INDUCTOR	CTF1379				
	JA	2002-2004 OPT. LINK IN	AKS7001				
	JA	2006 OPT OUT MODULE	AKS7007				
	JA	2008 RCA JACK	AKB7235				
	JA	2101 SOCKET	BKP1127				
	KN	2201-2203 SCREW PLATE	VNE1948				
	CN	2101,2102 SOCKET(30PL)	BKP1047				
	CN	2103 B TO B CONNECTOR	AKP7269				
	CN	2104 14P SOCKET	AKP7248				

RESISTORS

	R	2007-2010,2012,2016	RS1/16SS101J				
F	R	2017,2020,2128,2195	RS1/16SS0R0J				
	R	2018,2116-2118,2120	RS1/16SS220J				
	R	2019	RS1/16SS680J				
	R	2021,2023-2025,2027	RS1/16SS101J				

Mark No.	Description	Part No.
C	2133,2138,2140,2142	CEAK470M25
C	2134,2137,2159,2161	CEAK221M16
C	2141,2144,2146,2148	CKSRYB104K50
C	2143,2145,2147,2149	CEAK470M25
C	2150,2152,2154,2156	CKSRYB104K50
C	2151,2153,2155,2157	CEAK470M25
C	2158,2160,2162,2164	CKSRYB104K50
C	2163,2165,2209,2213	CEAK221M16
C	2166,2168,2170,2172	CKSRYB104K50
C	2167,2169,2171,2173	CEAK470M25
C	2179,2184,2187,2432	CEAK101M35
C	2180,2194,2199,2208	CKSRYB104K50
C	2182	CKSQYB225K16
C	2188,2190,2192,2195	CKSRYB103K50
C	2191,2196,2197,2238	CFHXSQ103J16
C	2207,2271,2455,2456	CCSRCH471J50
C	2211,2256,2260,2266	CCSRCH101J50
C	2212,2217,2220,2224	CKSRYB104K50
C	2215,2219,2228,2231	CEAK470M25
C	2222,2225,2229,2232	CCSRCH221J50
C	2226,2230,2282,2284	CKSRYB104K50
C	2233,2251,2252,2434	CKSRYB103K50
C	2236,2246	CCSRCH102J50
C	2240,2244	CFHXSQ472J16
C	2242,2248,2281,2283	CCSRCH331J50
C	2243,2411,2412,2415	CFHXSQ103J16
C	2253-2255,2258	CCSRCH221J50
C	2257,2259,2265,2445	CCSRCH330J50
C	2261-2264,2267-2270	CCSRCH221J50
C	2272,2413,2414	CCSRCH101J50
C	2273-2276,2301,2379	CCSRCH221J50
C	2277,2278	CCSSCH100D50
C	2289,2291	CCSRCH331J50
C	2290,2292,2433,2435	CKSRYB104K50
C	2381,2384,2387,2388	CCSRCH221J50
C	2393,2396,2399,2475	CCSRCH221J50
C	2401,2402	CKSRYB104K16
C	2403,2404	DCH1201
C	2405-2408	CEAK100M50
C	2416	CFHXSQ103J16
C	2429	CKSSYB104K16
C	2436,2437,2473,2474	CEAK470M25
C	2438,2441-2443,2446	CKSRYB104K50
C	2439,2464,2476,2478	CKSRYB103K50
C	2453,2454	CCSRCH391J50
C	2457,2458,2472,2480	CKSRYB104K50
C	2459,2460	CEAT100M50
C	2477	CKSRYB105K16
C	2481,2483,2484	CCSSCH471J50
C	2482	CKSRYB103K50
C	2489	CCSRCH330J50

Mark No.	Description	Part No.
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C FRONT HDMI USB ASSTY

SEMICONDUCTORS

IC 8001	S-24CS02AFT
IC 8002	TC7MB3257FK
IC 8003	CXB1443R
⚠ IC 8004	S-1132B33-U5
⚠ IC 8101	TPS2557DRB
⚠ IC 8102	BD9329EFJ
Q 8001-8003	LTC114YUB
Q 8102	LSC4081UB
D 8004	1SS301
D 8104	RKZ5.6KG(B2)

MISCELLANEOUS

L 8001,8002,8018 INDUCTOR	CTF1473
L 8010,8101,8102 CHIP BEADS	ATL7010
L 8012-8017,8019 FERRITE BEAD	CTF1528
L 8020 FERRITE BEAD	CTF1528
L 8103 CHOKE COIL	CTH1486
JA 8001 HDMI JACK	AKP7268
JA 8003 HDMI JACK	AKP7267
JA 8101 USB CONNECTOR	DKB1106
KN8001,8101 EARTH TERMINAL	AKF7002
CN 8004 5P CONNECTOR	VKN1374
CN8101 CONNECTOR	AKM1276
8002 PCB BINDER	VEF1040
JP 8101 HOUSING	ADX7760

RESISTORS

R 8028	RS1/16SS4701F
R 8033	RS1/8SQ105J
R 8035-8038	RS1/16SS1000F
R 8108,8109	RS1/16SS2202F
R 8117	RS1/16SS2200F
R 8118	RS1/16SS8201F
R 8120	RS1/16SS1801F
R 8122-8124	RS1/8SQ0R0J
Other Resistors	RS1/16SS###J

CAPACITORS

C 8010	CCSSCH331J50
C 8011,8016,8019,8021	CKSSYB104K16
C 8020,8027,8028	CCSSCH471J50
C 8022,8035,8037,8065	CCSSCH102J50
C 8023,8025,8026,8031	CKSSYB104K16
C 8024,8101,8127	CCSSCH101J50
C 8033,8038,8042,8044	CKSSYB104K16
C 8041	CEVW101M16
C 8043	CKSSYB102K50
C 8045,8046,8102,8106	CKSRYB104K50
C 8064	CKSSYB104K16
C 8066,8071	CCSSCH102J50
C 8069	CCSSCH330J50
C 8076	CEAK101M16
C 8083	CKSSYB103K25
C 8104	CEAK221M16
C 8105,8107	CCSRCH101J50
C 8108	CKSRYB102K50
C 8110,8111	CCG1236
C 8115,8116	CKSRYB104K50

Mark No. Description**Part No.**

C 8117 CCSRCH222J50
 C 8119,8126 CCSRCH100D50
 C 8121,8122 ACG1128
 C 8125 CCSRCH331J50

Mark No. Description**Part No.**

IC 610,1806 TC74VHC126FK
 IC 611,1809 TC74VHCT125AFK
 IC 613 TC74VHC08FK
 IC 903 SII9233ACTU
 IC 905 SII9387CTU

IC 907 TC74VHC541FK
 IC 909 ADV7181CBSTZ
 IC 1201,1203,1218 TC7SZ125FU
 IC 1202 TC74LCX541FK
 IC 1204 88DE2750

IC 1205-1211,1215 TC74VHC541FK
 IC 1212 H5PS5162GFR-S5C
 △ IC 1216 LP2996M
 △ IC 1505 BD2224G
 IC 1602,1603 SII9136CTU

△ IC 1604,1813,1814 TC74VHC157FK
 IC 1605,1606 AAT4614AIGU-2
 IC 1607 TC7SH32FUS1
 IC 1608,1804 TC7SZ08FU
 IC 1802 TC7WZ08FK

IC 1803 ICS87002BM-05
 IC 1808 TC7WHU04FK
 IC 1815,1816 TC74LCX157FK
 IC 1817 TC74VHC125FK
 IC 9001,9003,9701 IS42S16400F-6TL

IC 9002,9702 D810K013BZKB400
 IC 9004 AYW7356
 IC 9005 TC7WGU04FK
 IC 9006 TC7SHU04FUS1
 IC 9201 IS42S16160C-6TL

△ IC 9202 BD2226G
 IC 9203 LAN8700C-AEZG
 IC 9204 DM860
 NSP IC 9205 AYW7355
 △ IC 9501 S-1172B10-U5

△ IC 9502,9503,9505,9506 S-1172B12-U5
 △ IC 9504,9511,9513 S-1170B50UC-OUJ
 △ IC 9507 MB39C011A
 △ IC 9508 S-1170B25UC-OTK
 △ IC 9509 MM1701WH

△ IC 9510 NJM2846DL3-33
 △ IC 9512 NJM2872BF33
 △ IC 9514 S-1172B12-U5
 IC 9703 AYW7349
 Q 601 RN4983

Q 604,1502-1505,1507 LTA124EUB
 Q 903 HN1K02FU
 Q 1501,9001,9002,9004 LTC114YUB
 Q 1506,1722-1728 LSA1576UB
 Q 1509 LTA124EUB

Q 1729-1731,9504,9506 LSC4081UB
 △ Q 9501,9502 SH8M12
 △ Q 9503 RZQ045P01
 △ Q 9505 RTQ040P02
 D 601 RB501V-40

D 901,903,904 1SS301
 D 1601,1602 RKZ5.1KG(B2)
 D 9504 1SS352

D USB RECT ASSY**SEMICONDUCTORS**

△ D 3651 D5SBA60(B)

MISCELLANEOUS

H 3651,3652 FUSE CLIP AKR1004
 KN3651 EARTH TERMINAL AKF7002
 CN3651 3P TOP POST B3B-EH
 CN3652 2P TOP POST B2B-EH
 JH 3651,3652 PCB BINDER VEF1040

RESISTORS

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

CAPACITORS

C 3651 CFTLA104J50
 C 3661 CKSRYB104K50
 C 3662 CCSRCH101J50
 C 3663 CCSRCH331J50
 C 3664 CCSRCH100D50

C 3665,3666 CEAK472M16
 C 3667 CKSRYB103K50

E MULTI CH IN ASSY**MISCELLANEOUS**

JA 7761,7762 PIN JACK(4P) AKB7218
 KN 7761 SCREW PLATE VNE1948
 CN 7761 18P SOCKET AKP7123
 CN 7762 5P SOCKET XKP3073

RESISTORS

All Resistors RS1/10SR###J

CAPACITORS

C 7765,7766,7771,7772 CEAK220M50
 C 7777,7778,7783,7784 CEAK220M50
 C 7785,7788 CKSRYB104K50
 C 7786,7789 CCSRCH471J50

F DIGITAL MAIN ASSY**SEMICONDUCTORS**

IC 101 UPD61283F1-407LU2A
 IC 104 NJM12904V
 IC 401 AYW7354
 IC 403,404 H5DU2562GTR-J3C
 IC 601,607,612,1502 TC74VHCT08AFKS1

IC 602 341S2164
 IC 603 PE7008A
 IC 604 PDJ019A
 IC 605,1504 TC7SH08FUS1
 IC 608 TC74VHCT541AFK

Mark No.	Description	Part No.	Mark No.	Description	Part No.
MISCELLANEOUS			RESISTORS		
L 103	INDUCTOR	LCTC150K2125	R 106,107,1205-1207		RAB4CQ221J
L 105,601-606	CHIP BEADS	VTL1129	R 114,141		RS1/10SR43R0D
L 607	CHIP BEADS	VTL1132	R 145,146		RS1/10SR1000D
L 901,905,906,918	CHIP BEADS	ATL7010	R 150,165,407,408		RAB4CQ103J
L 902-904,907,913	CHIP BEADS	VTL1129	R 193,1765		RS1/16SS4700F
L 917,919,1201,1202	CHIP BEADS	VTL1129	R 198,200,293,294		RS1/16SS1001F
L 921	INDUCTOR	CTF1547	R 229,238,239,247		RAB4CQ473J
L 922,1210,1607,1608	CHIP BEADS	ATL7010	R 261,269,273,288		RAB4CQ473J
L 1204-1209,1211-1216	CHIP BEADS	VTL1129	R 303,1060,1061,1515		RS1/10SR0R0J
L 1220,1503,1601,1602	CHIP BEADS	VTL1129	R 409,424-426		RAB4CQ560J
L 1501	FILTER	CTF1703	R 415-420,431-434		RAB4CQ103J
L 1502,1504	CHIP BEADS	VTL1134	R 435,436,441,442		RAB4CQ220J
L 1604-1606,1620,1802	CHIP BEADS	VTL1129	R 448-450,455		RAB4CQ330J
L 1609-1616	COIL	ATH7064	R 460-462,467,1041		RAB4CQ330J
L 1617	CHIP BEADS	VTL1126	R 468-470,487,1279		RAB4CQ220J
L 1618,1619	FERRITE BEAD	CTF1528	R 478,1235,9227		RAB4CQ472J
L 1722-1724	INDUCTOR	ATL7033	R 608,609,998,1000		RAB4CQ0R0J
L 1725-1727	INDUCTOR	ATL7035	R 611-614,641,701		RAB4CQ101J
L 1728	INDUCTOR	LCTC100K2125	R 615,624,988,1228		RAB4CQ100J
L 1729-1731	INDUCTOR	LCTC4R7K2125	R 680,956,1216,1217		RAB4CQ473J
L 1803,1806,1808-1811	CHIP BEADS	VTL1129	R 957,1242-1245,1248		RAB4CQ470J
L 1805	INDUCTOR	CTF1786	R 966,970,980,983		RAB4CQ680J
L 1814-1818,9001,9005	CHIP BEADS	VTL1129	R 999,1025,1201,1204		RAB4CQ680J
L 9002,9003,9205,9206	CHIP BEADS	ATL7010	R 1001,1336-1341		RAB4CQ0R0J
L 9004,9010,9703,9705	CHIP BEADS	VTL1128	R 1032,1292		RS1/8SQ105J
L 9007,9201,9202,9204	CHIP BEADS	VTL1129	R 1047-1049,1236,1250		RAB4CQ330J
L 9207-9210,9212-9214	CHIP BEADS	VTL1129	R 1202,1208,1277,1284		RAB4CQ151J
L 9215,9216	COIL	ATH7082	R 1214,1215		RAB4CQ221J
L 9501,9502,9507,9510	CHIP BEADS	ATL7010	R 1221,1222,1251-1256		RAB4CQ473J
L 9503,9511-9513,9704	CHIP BEADS	VTL1129	R 1227,1229		RS1/10SR101J
L 9506	INDUCTOR	ATH7087	R 1234,1238,1240,1261		RAB4CQ100J
L 9509	INDUCTOR	ATH7086	R 1249,9006,9011,9012		RAB4CQ470J
L 9701,9702	CHIP BEADS	ATL7010	R 1258-1260,1262,1270		RAB4CQ473J
F 102,103,107,108	EMI FILTER	DTL1106	R 1263		RAB4CQ100J
JA 901-907,1601,1602	HDMI JACK	AKP7268	R 1264-1269,1275,9209		RAB4CQ330J
JA 1501	CONNECTOR	CKS5712	R 1271,1274,1278,1283		RAB4CQ473J
JA 9201	USB CONNECTOR	DKB1106	R 1287,1614-1617,1622		RAB4CQ473J
JA 9202	RJ45 CONNECTOR	AKN7115	R 1288,1289,1291		RAB4CQ151J
KN 601,602	SCREW PLATE	VNE1948	R 1550,1755,1776,9523		RS1/10SR0R0J
X 602,901	CRYSTAL	ASS7092	R 1625,1633,1642,1645		RAB4CQ473J
X 902	CRYSTAL	ASS7111	R 1650,1651		RS1/16SS4701F
X 1201	CRYSTAL	ASS7114	R 1742-1744,1749,1751		RS1/16SS2200F
X 1801	CRYSTAL OSCILLATOR	ASS7102	R 1752,1754		RS1/16SS2200F
X 1802	CRYSTAL OSCILLATOR	ASS7101	R 1753,1777,1778		RS1/16SS56R0F
X 9001	RESONATOR	CSS1795	R 1756-1758		RS1/16SS5601F
CN 601	39P CONNECTOR	VKN2098	R 1767,1769,1771		RS1/16SS3300D
CN 602,1722,1723	20P SOCKET	AKP7249	R 9007-9010,9715-9718		RAB4CQ220J
CN 603	14P SOCKET	AKP7248	R 9016-9019,9021,9024		RAB4CQ470J
CN 1501	CONNECTOR	AKM1276	R 9026,9028,9029,9031		RAB4CQ470J
CN 1502	15P SOCKET	XKP3078	R 9040,9043,9048,9049		RAB4CQ470J
CN 1503	7P SOCKET	XKP3074	R 9050,9748		RAB4CQ101J
CN 9002,9003	SOCKET(30PL)	BKP1047	R 9211		RAB4CQ330J
CN 9501	CONNECTOR	B7B-EH	R 9215,9216		RAB4CQ680J
JH 9501,9502	PCB BINDER	VEF1040	R 9226,9232,9233,9236		RAB4CQ470J
P 601	POLYSWITCH	NANOSMDC035F	R 9234,9235		RAB4CQ121J

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	R	9237,9240,9724,9725	RAB4CQ470J	C	436		CEVW101M4
	R	9254	RAB4CQ103J	C	439,618,624,631		CCSSCH331J50
	R	9264-9266,9268	RAB4CQ473J	C	442,619,620,627		CCSSCH102J50
	R	9285	RS1/16SS1242F	C	445-447,607,610		CKSSYB104K16
	R	9290-9292,9294	RS1/16SS49R9F	C	608,611,621,629		CCSSCH100D50
B	R	9312	RS1/16SS3001F	C	609,655,929,967		CEVW101M16
	R	9514,9515	RS1/8SQ475J	C	613,615-617,622		CKSSYB104K16
	R	9518	RS1/16SS82ROD	C	614,625,653,667		CKSSYB103K25
	R	9520	RS1/16SS7501D	C	626,628,632,637		CKSSYB104K16
	R	9522	RS1/16SS3301D	C	630,634,651,679		CCSSCH100D50
B	R	9524,9526,9528-9530	RS1/10SR0R0J	C	633,635,639,641		CCSSCH102J50
	R	9531	RS1/16SS3302D	C	638,640,642-645		CKSSYB104K16
	R	9533	RS1/16SS2402D	C	646,663,914		CEVW470M4
	R	9534	RS1/16SS2401D	C	647,648,696,713		CCSSCH331J50
	R	9536,9538-9540,9542	RS1/8SQ0R0J	C	649,650,657,658		CCSSCH102J50
B	R	9543,9555,9564	RS1/8SQ0R0J	C	652,654,661,662		CKSSYB104K16
	R	9548	RS1/4SA105J	C	660,682,690-692		CCSSCH101J50
	R	9550,9551	RS1/10SR0R0J	C	664,671,675,676		CKSSYB104K16
	R	9719,9720,9726,9727	RAB4CQ750J	C	665,949		CCSSCH8R0D50
	R	9729,9733,9744	RAB4CQ470J	C	666,943		CCSSCH9R0D50
	Other Resistors	RS1/16SS###J	C	670,672,674,677		CCSSCH102J50	
			C	680,681,686,759		CKSSYB104K16	
			C	685,956,980,1043		CKSSYB103K25	
			C	693,1040,1363,1530		CCSSCH221J50	
			C	697,705-708,717		CCSSCH101J50	
CAPACITORS							
C	C	104,107,108,115	CKSSYB104K16	C	698-701,704		CCSSCH102J50
	C	105,109,111,113	DCH1246	C	703,741-746,755		CCSSCH100D50
	C	106,110,117,131	CCSSCH102J50	C	718,720,721,751		CCSSCH101J50
	C	112,126,199,424	DCH1201	C	726,902,904,906		CCSSCH331J50
	C	114,118,168,411	CKSSYB103K25	C	727-731,740		CCSSCH102J50
D	C	116,119,120,122	CKSSYB104K16	C	748-750,753,754		CCSSCH102J50
	C	121,127,128,130	DCH1246	C	752,924,938,993		CCSSCH101J50
	C	123,166,194,430	CEVW101M4	C	756,757,911,937		CCSSCH102J50
	C	124,125,129,133	CKSSYB104K16	C	758,917,933,934		CCSSCH100D50
	C	132,141,151,171	CCSSCH102J50	C	908,920,923,936		CCSSCH331J50
D	C	134,139,143,144	DCH1246	C	913,918,945,946		CCSSCH471J50
	C	135-138,145,146	CKSSYB104K16	C	916,928,950,951		DCH1246
	C	140,995,1355	VCH1277	C	919,921,922,925		CKSSYB104K16
	C	142,147,175,423	CCSSCH331J50	C	926,1529		CEVW470M6R3
	C	149,152-155,159	CKSSYB104K16	C	931,935,940,944		CKSSYB104K16
E	C	150,623,636,659	CCSSCH101J50	C	941,953,957,971		CCSSCH331J50
	C	156	VCH1268	C	942,997,1021,1062		CCSSCH100D50
	C	157,158,167,169	DCH1246	C	947,948,954,955		CKSSYB104K16
	C	162,1031,9004,9537	VCH1234	C	952,958,959,961		CCSSCH471J50
	C	170,177,187,401	DCH1246	C	960,962,964,965		CKSSYB104K16
E	C	172,178,184,185	CKSSYB104K16	C	963,979,982,983		CCSSCH471J50
	C	173,406,433,604	CCSSCH100D50	C	968,974,977,981		CKSSYB104K16
	C	174,176,190,402	CCSSCH102J50	C	969,975,987,999		DCH1246
	C	186,1526,1527	CEVW100M16	C	972,973,976,989		CCSSCH102J50
	C	188,195,196,200	CKSSYB104K16	C	978,9008		CCSSCH330J50
F	C	198,9245,9607	CKSQYB225K16	C	984,988,994,1001		CKSSYB104K16
	C	201,203,204,403	CKSSYB104K16	C	991,1025,1064,1075		CEVW101M16
	C	404,408,410,413	DCH1246	C	996,1672,1673,9593		ACH7306
	C	407,409,417,428	CKSSYB104K16	C	1000,1002,1004,1006		CCSSCH471J50
	C	412,415,420,441	CCSSCH102J50	C	1003,1005,1007,1009		CKSSYB104K16
F	C	414,416,418,421	DCH1246	C	1008,1010,1069,1212		CCSSCH471J50
	C	419,432,438,606	CKSSYB103K25	C	1012,1018,1026,1032		CKSSYB104K16
	C	422,431,434,437	DCH1246	C	1013,1023,1029,1219		CCSSCH331J50
	C	425,915,927,1048	DCH1201	C	1014,1015,1027,1033		CCSSCH101J50
	C	429,435,440,443	CKSSYB104K16	C	1024,1030,1035,1037		CCSSCH102J50

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
C	1028,1036,9105,9106		CCSSCH270J50	C	1646,1647,9040,9202		CKSSYB103K25
C	1034,1038,1039,1047		CKSSYB104K16	C	1651,1657,1695,1696		DCH1246
C	1041,1231,1246,1256		CCSSCH101J50	C	1652,1655,1658,1666		CCSSCH471J50
C	1044		CKSSYB823K10	C	1667,1709,1824,1825		CCSSCH471J50
C	1045,1054,1056,1270		CKSSYB103K25	C	1674-1681,1683-1685		VCG1066
C	1046,1049,1070,1215		CCSSCH102J50	C	1687,1689-1692		VCG1066
C	1050-1052,1055,1057		CKSSYB104K16	C	1694,1839		CKSRYP105K16
C	1059,1061,1067,1068		CKSSYB104K16	C	1700,1710,1736-1742		CKSSYB104K16
C	1060,1063,1065,1074		DCH1201	C	1702,1703,1756,1807		CCSSCH101J50
C	1071,1072,1206,1210		CKSSYB104K16	C	1722,1723,1729,9013		CCSSCH102J50
C	1079,1214,1349-1351		DCH1246	C	1731,9009,9034,9037		CCSSCH100D50
C	1203,1207,1208,1358		CEVW221M4	C	1732-1735,9226,9228		DCH1201
C	1205,1211,1228,1230		DCH1201	C	1743-1745		CCSSCH7R0D50
C	1209,1357,1664,1665		CEVW101M16	C	1746-1748		CCSSCH5R0C50
C	1213,1218,1223,1224		CKSSYB104K16	C	1749-1751,1760-1762		CCSSCH180J50
C	1216,1237,1361,1410		CCSSCH100D50	C	1752,1770,1821,1832		CEVW101M16
C	1221,1298,1345		CCSSCH471J50	C	1753-1755		CCSSCH4R0C50
C	1222,1686,1688,1693		CKSRYP105K16	C	1757-1759,1842		CCSSCH470J50
C	1225,1227,1252,1274		CCSSCH102J50	C	1763		CCSSCH560J50
C	1226,1244,1248,1251		CCSSCH331J50	C	1764-1766		CCSSCH390J50
C	1229,1236,1238,1240		CKSSYB104K16	C	1767-1769,1809,1812		CKSSYB104K16
C	1243,1253-1255,1267		CKSSYB104K16	C	1806,1819,9001,9075		CKSRYP104K50
C	1257,1311,1323,1388		CCSSCH331J50	C	1810,1813,1820,1829		CCSSCH331J50
C	1268,1278,1286,1322		CCSSCH101J50	C	1817,1828,1834,1840		CKSSYB104K16
C	1272,1276,1282,1285		CKSSYB104K16	C	1818,9571		CCSRCH102J50
C	1289,1296,1297,1305		CKSSYB104K16	C	1835,9003,9038,9039		CCSSCH471J50
C	1294,1299,1325,1333		CCSSCH102J50	C	1836		CEVW470M16
C	1313,1326		CCSSCH150J50	C	1841,1845,1853,1855		CCSSCH331J50
C	1318,1319,1324,1328		CKSSYB104K16	C	1846,1852,1854,1858		CKSSYB104K16
C	1334,1341-1343,1362		CKSSYB104K16	C	1847,9563,9600		CEVW101M16
C	1339,1392,1393,1426		CCSSCH101J50	C	1859,1861,1863,9015		CCSSCH331J50
C	1346,1347,1359,1381		CCSSCH102J50	C	1860,1862,9002,9006		CKSSYB104K16
C	1352-1354,1428,1605		DCH1201	C	9007,9010,9012,9014		CKSSYB104K16
C	1364-1366,1371,1389		CCSSCH471J50	C	9011,9019,9046,9053		CCSSCH101J50
C	1367-1370,1380,1384		CKSSYB104K16	C	9016,9021,9022,9026		CCSSCH102J50
C	1385,1390,1391,1394		CKSSYB104K16	C	9017,9018,9020,9023		CKSSYB104K16
C	1395,1401,1411,1424		CCSSCH102J50	C	9025,9028,9031,9033		CKSSYB104K16
C	1398,1408,1409,1425		CKSSYB104K16	C	9027,9048,9051,9055		CCSSCH102J50
C	1427,9005,9029,9067		CEVW221M4	C	9030,9583,9589,9684		DCH1246
C	1431,1503,1507,1508		CKSSYB104K16	C	9032,9076,9214,9249		CCSSCH331J50
C	1432,1506,1511,1613		CCSSCH331J50	C	9035,9036,9041-9045		CKSSYB104K16
C	1501,1628,1629,1636		CCSSCH101J50	C	9047,9049,9052		CKSSYB104K16
C	1502,1510,1518-1520		CCSSCH100D50	C	9050,9079,9085		CCSSCH100D50
C	1505,1808,1811,9201		CCG1222	C	9054,9056,9069,9070		CCSSCH471J50
C	1509,9545,9546		CEAK102M16-P35	C	9057,9061,9062,9064		CCSSCH102J50
C	1528,1614,1624		CKSSYB104K16	C	9058-9060,9063,9066		CKSSYB104K16
C	1531,9065,9742		CCSSCH221J50	C	9068,9071,9073,9080		CKSSYB104K16
C	1534,1671,1697,1698		CCSSCH100D50	C	9072,9074,9077,9081		CCSSCH471J50
C	1540-1544,1654,1660		CCSSCH102J50	C	9086,9087,9204,9250		CCSSCH101J50
C	1601,1602,1662,1663		CKSSYB102K50	C	9088-9091,9093-9098		CCSSCH100D50
C	1606,1650,1656		DCH1201	C	9100,9102-9104,9312		CCSSCH100D50
C	1608,1610,1612,1616		DCH1246	C	9203,9205,9207,9210		CKSSYB104K16
C	1609,1611,1615,1617		CCSSCH471J50	C	9206,9208,9209,9211		CCSSCH102J50
C	1618,1620,1622,1626		DCH1246	C	9212,9213,9216,9219		CKSSYB104K16
C	1619,1621,1625,1627		CCSSCH471J50	C	9215,9232,9235,9238		CCSSCH102J50
C	1623,1633,1699,1701		CCSSCH331J50	C	9217,9520,9574,9576		CEVW221M4
C	1630-1632,1634,1635		CKSSYB104K16	C	9220,9222,9287,9289		CCSSCH471J50
C	1637,1639,1644,1645		CCSSCH471J50	C	9221,9227,9229,9231		CKSSYB104K16
C	1638,1648,1649,1661		CCSSCH101J50	C	9223,9282,9283,9594		CKSSYB103K25
C	1640-1643,1653,1659		CKSSYB104K16	C	9230,9233,9236,9239		DCH1201

Mark No. Description Part No.

Mark No. Description Part No.

A	C	9234,9237,9240,9242	CKSSYB104K16
	C	9241,9243,9246,9253	CCSSCH102J50
	C	9244,9248,9252,9254	CKSSYB104K16
	C	9247	CEVW221M10
	C	9251,9267,9293,9507	CCSSCH331J50
	C	9255,9257,9263,9265	CCSSCH102J50
	C	9256,9258,9260,9262	CKSSYB104K16
	C	9259,9261,9581,9584	CCSSCH101J50
	C	9264,9266,9268,9270	CKSSYB104K16
	C	9269,9271,9273,9275	CCSSCH102J50
	C	9272,9274,9276,9278	CKSSYB104K16
	C	9277,9279,9281,9310	CCSSCH102J50
B	C	9284,9285,9510,9512	CCG1222
	C	9286,9288,9290,9292	CKSSYB104K16
	C	9291,9295,9733,9734	CCSSCH471J50
	C	9294,9313-9328,9504	CKSSYB104K16
	C	9298-9300,9538,9557	BCG1059
	C	9302	CKSSYB223K16
	C	9311,9505,9529,9562	CCSSCH102J50
	C	9501,9513,9514,9522	CCSSCH100D50
	C	9506,9528,9591,9601	CKSSYB104K16
	C	9517,9519,9524,9526	CCG1222
	C	9532,9534,9539,9550	CCG1222
C	C	9533,9598,9602,9672	CCSSCH100D50
	C	9543,9544,9556,9561	CKSRYB104K50
	C	9547	CKSSYB682K25
	C	9553	CKSSYB472K50
	C	9555,9559	CKSSYB473K16
	C	9558,9573,9575,9685	BCG1059
	C	9565	CKSSYB152K50
	C	9566,9568,9570,9579	CCSSCH102J50
	C	9569,9572,9582,9590	CCG1222
	C	9580,9585,9586,9597	CCSSCH102J50
	C	9588,9608	CFHXSQ103J16
D	C	9592,9595,9709,9713	CCSSCH101J50
	C	9596	CEVW331M6R3
	C	9599,9617,9706,9711	CCSSCH102J50
	C	9603,9605,9612,9614	CCG1222
	C	9606,9616,9621-9645	CKSSYB104K16
	C	9609,9682,9703,9727	CEVW221M4
	C	9647-9671,9692-9697	CKSSYB104K16
	C	9674,9676,9679,9681	CCG1222
	C	9686,9707,9724	CCSSCH100D50
	C	9702	VCH1234
	C	9704,9705,9708,9710	CKSSYB104K16
E	C	9712,9715,9716,9718	CKSSYB104K16
	C	9714,9717,9719,9720	CCSSCH102J50
	C	9721,9723,9726,9729	CKSSYB104K16
	C	9725,9740,9747,9755	CCSSCH102J50
	C	9728	DCH1246
	C	9730	CCSSCH331J50
	C	9731,9732,9736-9739	CKSSYB104K16
	C	9735	CKSSYB103K25
	C	9741,9743,9749,9751	CCSSCH471J50
	C	9744,9745,9748,9750	CKSSYB104K16
F	C	9746	CCSSCH101J50
	C	9752,9756-9759	CKSSYB104K16
	C	9753,9760	CCSSCH471J50
	C	9754	CKSRYB104K50

INTERFACE ASSY

SEMICONDUCTORS

Q	7001-7003,7011,7025	LTC124EUB
Q	7005,7012,7021,7026	LSA1576UB
Q	7008,7010	2SA1036K
Q	7016	LTA114TUB
Q	7022	RSR015P03

Q	7023,7024	LSC4081UB
D	7002,7003,7023,7024	1SS352
D	7004	1SS301
D	7006,7011	HZU5R1(B2)
D	7007,7009	1SS357

D	7008,7010	SIM-20STS1
D	7021	RB411D

MISCELLANEOUS

L	7001 CHIP SOLID INDUCTOR	ATL7002
L	7002-7007 CHIP SOLID INDUCTOR	QTL1013
JA	7001,7003,7004 JACK	AKN-209
JA	7002 MINI JACK	QKN1013
JA	7005 JACK	VKB1243

KN	7001 SCREW PLATE	VNE1948
KN	7005-7007 EARTH TERMINAL	AKF7002
CN	7002,7005 7P PLUG	KM200IB7
CN	7003 13P PLUG	XKP3066
CN	7004 21P PLUG	XKP3070

CN	7006 CONNECTOR	9604S-19C
CN	7007 17P PLUG	XKP3068
CN	7008 15P PLUG	XKP3067
JH	7001 PCB BINDER	VEF1040
JP	7001 HOUSING	ADX7747

U	7001 REMOTE RECEIVER UNIT	GP1UE284QKC1
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RESISTORS

R	7108,7109	RS1/8SQ105J
	Other Resistors	RS1/10SR###J

CAPACITORS

C	7002-7005,7014,7021	CCSRCH100D50
C	7006,7012,7024,7080	CCSRCH102J50
C	7007,7011,7015,7017	CKSRYB104K50
C	7009,7010,7013,7016	CKSRYB103K50
C	7019,7081,7083,7085	CKSRYB104K50

C	7020,7022,7027,7126	CKSRYB103K50
C	7025,7029	CCSRCH471J50
C	7026,7100,7110,7122	CCSRCH100D50
C	7028	CEAK101M16
C	7082,7084,7096,7125	CCSRCH102J50

C	7095	CEAK100M50
C	7097,7114,7124	CKSRYB104K50
C	7101,7115-7119	CCSRCH101J50
C	7108	CEAK470M25
C	7111,7113	CCSRCH331J50

C	7112,7123	CEAK221M16
C	7120,7121	CKSQYB105K25
C	7134	CCSRCH100D50

Mark No. Description Part No.



COMPONENT ASSY

SEMICONDUCTORS

IC 8301	NJW1327FU1
IC 8401	NJM2505AF
IC 8501	PDC162A
IC 8601	HIN202EIBNZ
Q 8301,8604	LSA1576UB
Q 8302,8501,8603	LSC4081UB
Q 8303,8605	LTC114EUB
Q 8401	2SD1664
Q 8402	2SB1132
D 8301,8302,8601,8605	1SS352
D 8401	1SS302
D 8404,8408	UDZS3R9(B)

MISCELLANEOUS

L 8501 CHIP COIL	LCYA330J2520
JA 8301 6P PIN JACK AU	AKB7225
JA 8302,8304,8305 3P PIN JACK AU	AKB7228
JA 8601 9P D-SUB SOCKET	AKP7256
X 8501 CRYSTAL RESONATOR	ASS7080
CN 8301-8303 20P PLUG	AKM7171
CN 8401 PLUG(2P)	KM200NA2L
JP 8402 HOUSING	ADX7746

RESISTORS

R 8301-8309	RS1/10SR75R0F
R 8310,8312,8314,8316	RS1/10SR68R0F
R 8318,8320	RS1/10SR68R0F
R 8417	RS1/8SQ105J
R 8418	RS1/8SQ561J
Other Resistors	RS1/10SR###J

CAPACITORS

C 8301,8302,8383,8417	CEAK101M16
C 8303,8319,8320,8333	CCSRCH102J50
C 8304,8306,8308,8314	CKSRYB104K50
C 8305,8307,8309,8310	DCH1201
C 8311,8312,8330,8331	CKSRYB103K50
C 8313,8315,8317,8318	DCH1201
C 8316,8323,8325,8327	CKSRYB104K50
C 8321,8322,8324,8326	DCH1201
C 8328,8336,8337,8344	CKSRYB104K50
C 8334,8378,8389,8403	CCSRCH102J50
C 8335,8376,8377,8379	CCSRCH100D50
C 8338,8339,8360,8402	CKSRYB103K50
C 8340	CKSQYB105K25
C 8341-8343,8345,8346	DCH1201
C 8347,8349,8395,8401	CKSRYB104K50
C 8348,8404,8405,8409	DCH1201
C 8354,8355,8381,8382	CKSRYB105K16
C 8358,8359,8394	CCSRCH470J50
C 8384,8385,8388	CKSRYB473K50
C 8386	CKSRYB562K50
C 8387,8390	CKSRYB105K16
C 8406,8407,8503,8509	CCSRCH101J50
C 8408,8410,8413,8415	CCSRCH102J50
C 8414	DCH1201
C 8418,8520,8521,8613	CEAK101M16
C 8419,8420	CEAK221M16

Mark No. Description Part No.

C 8421,8422,8501,8513	CCSRCH102J50
C 8504,8505	CCSRCH5R0C50
C 8506,8508	CCSRCH240J50
C 8507,8510	CCSRCH122J50
C 8511,8512,8614	CCSRCH101J50
C 8515,8601,8607	CKSRYB103K50
C 8522,8523,8602	CKSRYB104K50
C 8604-8606	CKSRYB104K50
C 8608	CCSRCH471J50
C 8610	CCSRCH331J50
C 8611,8612,8617,8619	CCSRCH100D50



COMPOSITE ASSY

SEMICONDUCTORS

Q 3601,3604,3605,3608	LSA1576UB
Q 3602,3603,3606,3607	HN1C01FU

MISCELLANEOUS

JA 3601-3603 2P PIN JACK	AKB7230
JA 3604,3605 1P PIN JACK	AKB7232
CN 3601 20P SOCKET	AKP7249

RESISTORS

R 3606,3609,3627	RS1/10SR68R0F
R 3616	RS1/10SR68R0D
R 3629-3632	RS1/10SR75R0F
Other Resistors	RS1/10SR###J

CAPACITORS

C 3602,3603,3605,3606	CKSRYB104K50
C 3607,3618-3620	CCSRCH181J50
C 3608,3610	CKSRYB104K16
C 3612,3613,3615,3616	CKSRYB104K50
C 3614,3617	CCSRCH102J50
C 3621-3624	CEAK101M16



MIC HP ASSY

SEMICONDUCTORS

IC 3471	NJM4565MD
Q 3451	LTC124EUB
D 3473-3475	RKZ5.1KG(B2)

MISCELLANEOUS

JA 3471 JACK	VKB1243
JA 3472 JACK	AKB7219
JA 3476 HEADPHONE JACK	XKB3066
KN 3471,3472 EARTH TERMINAL	AKF7002
CN 3472 CONNECTOR	9604S-15C

RESISTORS

JH 3471 PCB BINDER	VEF1040
R 3495	RS1/10SR75R0F
Other Resistors	RS1/10SR###J

CAPACITORS

C 3451,3452	CKSRYB822K50
C 3460	DCH1165
C 3473	CKSRYB471K50
C 3475,3479,3494	CCSRCH101J50
C 3476,3477	CCSRCH330J50

Mark	No.	Description	Part No.
	C	3478,3483,3484	CEAT100M50
	C	3480	DCH1201
A	C	3481,3482,3486,3496	CKSRYPB103K50
	C	3485	CKSRYPB105K16
	C	3488	CKSRYPB223K50
	C	3490	CKSRYPB102K50
	C	3495	CKSRYPB104K50
	C	3497	CCSRCH331J50

Mark	No.	Description	Part No.
	C	3103,3105,3202,3204	CKSRYPB104K50
	C	3208	CEAK221M16
	C	3209	CKSRYPB105K16
	C	3211	ACH7272
	C	3213	CEAK101M16
	C	3214,3216,3217	CCSRCH221J50
	C	3215,3218	CCSRCH470J50
	C	3303,3405	CCSRCH102J50
	C	3304,3307	CKSRYPB104K50
	C	3305,3308,3328	CEAK470M50
	C	3311-3326	CCSRCH471J50
	C	3327	CEAK101M35
	C	3335-3337,3341	CKSRYPB103K50
	C	3338,3340,3343	CCSRCH100D50
	C	3339	CCSRCK2R0C50

K DISPLAY ASSY

SEMICONDUCTORS

B	IC	3001	PDC199A8
	IC	3002	S-80848CNMC-B89
	IC	3003	S-1200B33-M5
	IC	3201	PE5615A
	Q	3004	2SK2034

	Q	3203-3207,3210-3213	LTC124EUB
	D	3002	RB751V-40
	D	3003,3006	1SS302
	D	3004,3008	1SS301
	D	3005	1SS300

C	D	3204,3206,3208,3210	SLR343BC4T(JKLM)
	D	3212	SLR343BC4T(JKLM)

MISCELLANEOUS

L	3001	CHIP SOLID INDUCTOR	ATL7002
KN	3201	FL HOLDER(FE)	VNF1096
V	3301	FL TUBE DISPLAY	AAV7115
S	3001-3019	SWITCH	ASG7029
X	3001	CRYSTAL OSCILLATOR	CSS1653
X	3201	CERAMIC RESONATOR	VSS1142
CN	3001	39P CONNECTOR	VKN2098
CN	3003	5P CONNECTOR	VKN1820

RESISTORS

D	All Resistors	RS1/10SR###J
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MISCELLANEOUS

JH	3002	4P CABLE HOLDER	51048-0400
JH	3003,3004	3P CABLE HOLDER	51048-0300
JP	3001	HOUSING	ADX7753
JP	3002	JUMPER WIRE	D20PYY0410E
JP	3003,3004	JUMPER WIRE	D20PYY0310E
U	3201	REMOTE RECEIVER UNIT	GP1UE274XKC1

CAPACITORS

E	C	3002,3009,3013,3014	CKSRYPB104K50
	C	3003,3007,3020,3021	CKSRYPB105K16
	C	3004,3005	CCSRCH120J50
	C	3006,3302	CKSRYPB471K50
	C	3008,3010,3043,3205	CCSRCH471J50

	C	3011,3042	CCSRCH101J50
	C	3012	CKSRYPB472K50
	C	3015,3016	CKSRYPB473K50
	C	3017	CCSRCH150J50
	C	3018,3035,3045	CKSRYPB103K50

F	C	3022,3212,3221-3223	CCSRCH102J50
	C	3023,3025,3027,3038	CKSRYPB104K50
	C	3039	ACH7268
	C	3048,3058,3101,3207	CCSRCH100D50
	C	3102,3104,3201,3306	CKSRYPB102K50

L VOL ASSY

MISCELLANEOUS

S	3371	ROTARY ENCODER	ASX7049
CN	3371	3P JUMPER CONNECTOR	52147-0310

CAPACITORS

C	3371,3372	CKSRYPB103K50
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M POWER SW ASSY

SEMICONDUCTORS

Q	3401	LTC143EUB
D	3402	SLR343BC4T(JKLM)

MISCELLANEOUS

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

RESISTORS

All Resistors	RS1/10SR###J
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CAPACITORS

C	3401	CCSRCH221J50
C	3402	CKSRYPB104K16

N ENCODER ASSY

MISCELLANEOUS

S	3501	ROTARY ENCODER	ASX7051
CN	3501	3P JUMPER CONNECTOR	52147-0310

RESISTORS

All Resistors	RS1/10SR###J
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CAPACITORS

C	3501,3502	CKSRYPB103K50
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Mark No. Description Part No.**O IR BUFFER ASSY****SEMICONDUCTORS**

IC 6801,6821,6841,6861	UPC4570G2-A
IC 6881,6901,6921,7451	UPC4570G2-A
IC 7471	UPC4570G2-A
IC 7491	TC4053BFN

MISCELLANEOUS

KN6801 WRAPPING TERMINAL	CKF1089
CN6801 23P SOCKET	XKP3082
CN6802,6803 23P PLUG	XKP3071

RESISTORS

R 6802,6803,6822,6823	RS1/10SR1002F
R 6806,6807,6826,6827	RS1/10SR3902F
R 6817,6818,6837,6838	RS1/8SQ225J
R 6842,6843,7452,7453	RS1/10SR1002F
R 6846,6847,6866,6867	RS1/10SR3902F

R 6857,6858,6877,6878	RS1/8SQ225J
R 6864,6865,6884,6885	RS1/10SR1302F
R 6886,6887,6906,6907	RS1/10SR3902F
R 6897,6898,6917,6918	RS1/8SQ225J
R 6904,6905,6924,6925	RS1/10SR1302F

R 6926,6927,7456,7457	RS1/10SR3902F
R 6937,6938,7467,7468	RS1/8SQ225J
R 7472,7473	RS1/10SR1002F
R 7476,7477	RS1/10SR3902F
R 7487,7488	RS1/8SQ225J

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

CAPACITORS

C 6801,6802,6821,6822	CFHXSQ103J16
C 6807,6808,6827,6828	ACG7106
C 6841,6842,6861,6862	CFHXSQ103J16
C 6847,6848,6867,6868	ACG7106
C 6866,6866,6906,6926	CCSRCH331J50

C 6881,6882,6901,6902	CFHXSQ103J16
C 6887,6888,6907,6908	ACG7106
C 6921,6922,7451,7452	CFHXSQ103J16
C 6927,6928,7457,7458	ACG7106
C 7471,7472,7494,7497	CFHXSQ103J16

C 7477,7478	ACG7106
C 7495	CCSRCH100D50

P BUFFER GND ASSY**MISCELLANEOUS**

KN6961 SCREW PLATE	VNE1948
KN6962 SCREW PLATE(MTL)	ANG7591

Q IR INTERFACE ASSY**MISCELLANEOUS**

CN3801,3802 23P SOCKET	XKP3082
CN3810,3850,3890 5P SOCKET	XKP3073
CN3820,3830,3840,3860 5P SOCKET	KP200IB5L
CN3870,3880 5P SOCKET	KP200IB5L

Mark No. Description Part No.**R IR POWER AMP ASSY****SEMICONDUCTORS**

IC 4001	BU7262SFVM
IC 4004	TC74VHC08FK
IC 4005	HA17431GLTPA
IC 4007	BU4094BCFV
IC 4100,4200,4300,4400	TLC0711DR

⚠ IC 4101,4201,4301,4401	IRS20957SPBF
⚠ IC 4103,4203,4302,4403	NJM2830U1-12
IC 4202,4402,4602,4702	UPC4570G2-A
IC 4204,4404,4604,4704	NJM12904V
IC 4500,4600,4700,4800	TLC0711DR

⚠ IC 4501,4601,4701,4801	IRS20957SPBF
⚠ IC 4502,4603,4703,4803	NJM2830U1-12
IC 4802,5101	UPC4570G2-A
IC 4804	NJM12904V
IC 4900	TLC0711DR

⚠ IC 4901	IRS20957SPBF
⚠ IC 4903	NJM2830U1-12
IC 4905	TC7SH08FUS1
Q 4000,4002,4003,4017	LTC124EUB
Q 4001,4020,4026,4107	LSA1576UB

Q 4004,4006,4008,4010	LTA124EUB
Q 4005,4007,4009,4011	RT1N140M
Q 4012,4013,4035	HN1A01FU
Q 4014,4016,4027-4029	HN1C01FU
Q 4015,4021-4023,4025	LSC4081UB

Q 4018,4031,4033	LTA124EUB
Q 4019,4032,4112,4312	RT1N140M
Q 4024	2SC3906K
Q 4030,4034,4036,4105	LTC124EUB
Q 4037,4038,4103,4104	LSC4081UB

⚠ Q 4100,4200,4300,4400	2SD2704K
⚠ Q 4101,4102,4201,4202	IRF6775MPBF
Q 4106,4205,4206,4305	LTC124EUB
Q 4108,4113,4203,4204	LSC4081UB
Q 4110,4210,4310,4410	2SA1514K

Q 4111,4122,4207,4211	LSA1576UB
Q 4120,4220,4720	2SA1163
Q 4121,4221,4721	2SC2713
Q 4208,4213,4303,4304	LSC4081UB
Q 4222,4307,4311,4407	LSA1576UB

⚠ Q 4301,4302,4401,4402	IRF6775MPBF
Q 4306,4405,4406,4505	LTC124EUB
Q 4308,4403,4404,4408	LSC4081UB
Q 4411,4507,4511,4607	LSA1576UB
Q 4500,4600,4700,4800	2SD2704K

⚠ Q 4501,4502,4601,4602	IRF6775MPBF
Q 4503,4504,4508,4603	LSC4081UB
Q 4506,4605,4606,4705	LTC124EUB
Q 4510,4610,4710,4810	2SA1514K
Q 4512,4712,4912,5012	RT1N140M

Q 4604,4608,4703,4704	LSC4081UB
Q 4611,4707,4711,4722	LSA1576UB
⚠ Q 4701,4702,4801,4802	IRF6775MPBF
Q 4706,4805,4806,4905	LTC124EUB
Q 4708,4713,4803,4804	LSC4081UB

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	Q	4807,4811,4907,4911	LSA1576UB				
	Q	4808,4903,4904,4908	LSC4081UB				
	Q	4900	2SD2704K				
A	⚠	Q 4901,4902	IRF6775MPBF				
	Q	4906	LTC124EUB				
	Q	4910	2SA1514K				
	Q	5101	LSC4081UB				
	D	4005,4016,4110,4119	1SS352				
	D	4011,4012	1SS301				
	D	4013,4014,4018,4019	RKZ24KG(B2)				
	D	4015,4020	RKZ27KG(B)				
	D	4017,4021	RKZ18KG(B2)				
	D	4027-4031	RKZ4.7KG(B2)				
B	D	4101,4201,4301,4401	RB751V-40				
	D	4103,4111,4203,4211	1SS302				
	D	4108,4109,4208,4209	RF101L2S				
	D	4116,4216,4316,4416	RB161VA-20				
	D	4117,4217,4317,4417	RF051VA2S				
	D	4118,4218,4318,4418	CMH07				
	D	4120,4210,4219,4220	1SS352				
	D	4308,4309,4408,4409	RF101L2S				
	D	4310,4319,4410,4419	1SS352				
	D	4311,4411,4511,4611	1SS302				
	D	4501,4601,4701,4801	RB751V-40				
C	D	4508,4509,4608,4609	RF101L2S				
	D	4510,4519,4610,4619	1SS352				
	D	4516,4616,4716,4816	RB161VA-20				
	D	4517,4617,4717,4817	RF051VA2S				
	D	4518,4618,4718,4818	CMH07				
	D	4703,4711,4811,4911	1SS302				
	D	4708,4709,4808,4809	RF101L2S				
	D	4710,4712,4719,4720	1SS352				
	D	4810,4819,4910,4919	1SS352				
	D	4901	RB751V-40				
	D	4908,4909	RF101L2S				
D	D	4916	RB161VA-20				
	D	4917	RF051VA2S				
	D	4918	CMH07				
	D	5009,5109	1SS352				
		MISCELLANEOUS					
	L	4000 CHIP SOLID INDUCTOR	QTL1013				
	L	4100,4200,4300,4400 OTHER COIL	ATH7090				
	L	4500,4600,4700,4800 OTHER COIL	ATH7090				
	L	4900 OTHER COIL	ATH7090				
	JA	4101 SP TERMINAL 6-P(V0)	AKE7150				
E	JA	4301,4501 SP TERMINAL 4-P(V0)	AKE7149				
	JA	4901,5101 SP TERMINAL 4-P(V0)	AKE7149				
	KN	4100,4200,4300,4400 SCREW PLATE	VNE1948				
	KN	4500,4900 SCREW PLATE	VNE1948				
	KN	4502,4901 EARTH TERMINAL	AKF7002				
	KN	4511-4518 WRAPPING TERMINAL	CKF1089				
	RY	4100,4300,4500,4700 RELAY	ASR7001				
	RY	4900,5000 RELAY	ASR7001				
	CN	4000 CONNECTOR	9604S-19C				
	CN	4002 PLUG(2P)	KM200NA2				
	CN	4003 PLUG(4P)	KM200NA4				
F	CN	4004 PLUG(7P)	KM200NA7				
	CN	4100,4300,4400,4600 5P PLUG	KM200IB5				
	CN	4200,4500,4900 5P PLUG	XKP3062				
	CN	4700,4800 5P PLUG	KM200IB5				

RESISTORS

R	4057	RS1/8SQ471J
R	4060	RS1/10SR5602F
R	4061	RS1/10SR3302F
R	4100,4101,4200,4201	RN1/16SE5600D
R	4102,4103,4202,4203	RN1/16SE5601D
R	4104,4105,4204,4205	RN1/16SE3301D
R	4107,4146,4147,4187	ACN7180
R	4111,4119,4122,4123	RS1/10SR1001F
R	4115,4133,4215,4233	ACN7192
R	4116,4216,4316,4416	ACN7185
R	4120,4220,4320,4420	RS1/10SR2200F
R	4125,4126,4225,4226	ACN7187
R	4128,4228,4328,4428	RS1/4SA223J
R	4129,4229,4329,4429	RS1/8SQ182J
R	4130,4230,4330,4430	RS1/8SQ822J
R	4131,4231,4331,4431	RS1/8SQ472J
R	4132,4232,4332,4432	RS1/8SQ562J
R	4134,4234,4334,4434	RS1/8SQ103J
R	4135,4235,4335,4435	RS1/8SQ752J
R	4136,4236,4336,4436	RS1/8SQ242J
R	4137,4141,4237,4241	ACN7194
R	4138,4238,4338,4438	RS1/8SQ4R7J
R	4139,4239,4339,4439	RS1/8SQ100J
R	4140,4240,4340,4440	ACN7165
R	4142,4143,4242,4243	ACN7189
R	4145,4169,4245,4269	RS1/10SR1202F
R	4148,4248,4348,4448	RS1/10SR3301F
R	4150,4250,4350,4450	RS1/10SR1000F
R	4151,4251,4351,4451	ACN7191
R	4154,4254,4354,4454	ACN7186
R	4155,4255,4355,4455	RS1/10SR4702F
R	4156,4256,4356,4456	RS1/10SR5601F
R	4163,4263,4363,4463	RS1/10SR3901F
R	4166,4266,4366,4466	RS1/10SR1002F
R	4167,4211,4219,4222	RS1/10SR1001F
R	4168,4268,4368,4468	RS1/10SR2202F
R	4176,4180,4276,4280	ACN7195
⚠	R 4181,4281,4381,4481	NTCG104KF104FB
R	4188,4207,4246,4247	ACN7180
R	4195-4198,4295-4298	RS1/8SQR47J
R	4223,4267,4311,4319	RS1/10SR1001F
R	4287,4288,4307,4346	ACN7180
R	4300,4301,4400,4401	RN1/16SE6800D
R	4302,4303,4402,4403	RN1/16SE5601D
R	4304,4305,4404,4405	RN1/16SE3301D
R	4315,4333,4415,4433	ACN7192
R	4322,4323,4367,4411	RS1/10SR1001F
R	4325,4326,4425,4426	ACN7187
R	4337,4341,4437,4441	ACN7194
R	4342,4343,4442,4443	ACN7189
R	4345,4369,4445,4469	RS1/10SR1202F
R	4347,4387,4388,4407	ACN7180
R	4395-4398,4495-4498	RS1/8SQR47J
R	4419,4422,4423,4467	RS1/10SR1001F
R	4446,4447,4487,4488	ACN7180

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
R	4500,4501,4600,4601		RN1/16SE5600D				
R	4502,4503,4602,4603		RN1/16SE5601D	R	4925,4926		ACN7187
R	4504,4505,4604,4605		RN1/16SE3301D	R	4928		RS1/4SA223J
R	4507,4546,4547,4587		ACN7180	R	4929		RS1/8SQ182J
R	4511,4519,4522,4523		RS1/10SR1001F	R	4930		RS1/8SQ822J
				R	4931		RS1/8SQ472J
R	4515,4533,4615,4633		ACN7192				
R	4516,4616,4716,4816		ACN7185	R	4932		RS1/8SQ562J
R	4520,4620,4720,4820		RS1/10SR2200F	R	4934,5011-5013,5020		RS1/8SQ103J
R	4525,4526,4625,4626		ACN7187	R	4935		RS1/8SQ752J
R	4528,4628,4728,4828		RS1/4SA223J	R	4936		RS1/8SQ242J
				R	4937,4941		ACN7194
R	4529,4629,4729,4829		RS1/8SQ182J				
R	4530,4630,4730,4830		RS1/8SQ822J	R	4938		RS1/8SQ4R7J
R	4531,4631,4731,4831		RS1/8SQ472J	R	4939		RS1/8SQ100J
R	4532,4632,4732,4832		RS1/8SQ562J	R	4940		ACN7165
R	4534,4634,4734,4834		RS1/8SQ103J	R	4942,4943		ACN7189
				R	4945,4969		RS1/10SR1202F
R	4535,4635,4735,4835		RS1/8SQ752J				
R	4536,4636,4736,4836		RS1/8SQ242J	R	4948		RS1/10SR3301F
R	4537,4541,4637,4641		ACN7194	R	4950		RS1/10SR1000F
R	4538,4638,4738,4838		RS1/8SQ4R7J	R	4951		ACN7191
R	4539,4639,4739,4839		RS1/8SQ100J	R	4954		ACN7186
				R	4955		RS1/10SR4702F
R	4540,4640,4740,4840		ACN7165				
R	4542,4543,4642,4643		ACN7189	R	4956		RS1/10SR5601F
R	4545,4569,4645,4669		RS1/10SR1202F	R	4963,5001		RS1/10SR3901F
R	4548,4648,4748,4848		RS1/10SR3301F	R	4966		RS1/10SR1002F
R	4550,4650,4750,4850		RS1/10SR1000F	R	4967		RS1/10SR1001F
				R	4968		RS1/10SR2202F
R	4551,4651,4751,4851		ACN7191				
R	4554,4654,4754,4854		ACN7186	⚠	R 4981		NTCG104KF104FB
R	4555,4655,4755,4855		RS1/10SR4702F	R	4988,5003-5005,5026		ACN7180
R	4556,4656,4756,4856		RS1/10SR5601F	R	4995-4998		RS1/8SQ4R7J
R	4563,4663,4763,4863		RS1/10SR3901F	R	5000		RS1/10SR5600F
				R	5006-5009		RS1/4SA105J
R	4566,4666,4766,4866		RS1/10SR1002F				
R	4567,4611,4619,4622		RS1/10SR1001F	R	5014,5015,5022,5023		RS1/8SQ223J
R	4568,4668,4768,4868		RS1/10SR2202F	R	5016,5017,5024,5025		RS1/8SQ473J
⚠	R 4581,4681,4781,4881		NTCG104KF104FB	R	5018,5019		RS1/8SQ104J
R	4588,4607,4646,4647		ACN7180	R	5021		RS1/8SQ103J
				R	5059,5159		ACN7180
R	4595-4598,4695-4698		RS1/8SQR47J				
R	4623,4667,4711,4719		RS1/10SR1001F	R	5083-5087		RS1/8SQ105J
R	4687,4688,4707,4746		ACN7180	Other Resistors			RS1/10SR###J
R	4700,4701		RN1/16SE5600D	CAPACITORS			
R	4702,4703,4802,4803		RN1/16SE5601D	C	4006,4026,4035,4042		CKSRBY104K50
				C	4007,4009,4011-4019		CCSRCH331J50
R	4704,4705,4804,4805		RN1/16SE3301D	C	4008,4010,4036,4052		ACH7321
R	4715,4733,4815,4833		ACN7192	C	4021,4044-4051,4056		CCSRCH331J50
R	4722,4723,4767,4811		RS1/10SR1001F	C	4022,4025,4040,4112		CCG1255
R	4725,4726,4825,4826		ACN7187				
R	4737,4741,4837,4841		ACN7194	C	4023		CCG1236
				C	4024,4116,4166,4167		ACH1479
R	4742,4743,4842,4843		ACN7189	C	4027,4030,4041,4043		CCSRCH100D50
R	4745,4769,4845,4869		RS1/10SR1202F	C	4028,4151,4155,4156		CKSRBY103K50
R	4747,4787,4788,4807		ACN7180	C	4053,4065,4066		ACH7321
R	4776,4780		ACN7195				
R	4795-4798,4895-4898		RS1/8SQR47J	C	4054,4055,4077,4185		CCSRCH100D50
				C	4057-4062		ACH7305
R	4800,4801,4900,4901		RN1/16SE6800D	C	4063		ACH7311
R	4819,4822,4823,4867		RS1/10SR1001F	C	4064,4086,4091,4103		CKSRBY104K50
R	4846,4847,4887,4888		ACN7180	C	4073,4074,4109,4121		CFHXSQ103J16
R	4902,4903		RN1/16SE5601D				
R	4904,4905		RN1/16SE3301D	C	4078,4079,4180,4182		ACE7090
				C	4080,4120,4123,4220		CFHXSQ102J50
R	4907,4946,4947,4987		ACN7180	C	4081,4082		ACG7106
R	4911,4919,4922,4923		RS1/10SR1001F	C	4087,4183,4184,4283		CCSRCH471J50
R	4915,4933		ACN7192	C	4088,4092-4094,4096		CCSRCH331J50
R	4916		ACN7185				
R	4920		RS1/10SR2200F				

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	C	4097,5001-5005	CCSRCH331J50		C	4680,4682,4780,4782	ACE7090
	C	4098,4099	CCSRCH102J50		C	4703,4713,4724,4752	CKSRYP104K50
A	C	4100,4200,4300,4400	CFTLA104J2A		C	4709,4714,4721,4722	CFHXSQ103J16
	C	4101,4201,4301,4401	CFTLA474J2A		C	4715,4812,4815,4912	CCG1255
	C	4108,4208,4308,4408	ACH7320		C	4737,4825,4830,4837	CCG1288
	C	4113,4124,4152,4153	CKSRYP104K50		C	4749,4750,4849,4850	ACH7359
	C	4115,4212,4215,4312	CCG1255		C	4753,4758,4803,4813	CKSRYP104K50
	C	4119,4219,4319,4419	ACG7104		C	4755,4756,4851,4855	CKSRYP103K50
	C	4122,4209,4221,4222	CFHXSQ103J16		C	4759,4760,4859,4860	ACG7107
	C	4125,4130,4137,4225	CCG1288		C	4761,4775,4861,4875	ACG7105
	C	4127,4227,4327,4427	DCH1330		C	4766,4767,4816,4866	ACH1479
	C	4134,4234,4334,4434	CCSQCH101J50		C	4786	CCSRCH100D50
	C	4135,4235,4335,4435	ACG7103		C	4808,4908	ACH7320
B	C	4149,4150,4249,4250	ACH7359		C	4809,4821,4822,4909	CFHXSQ103J16
	C	4159,4160,4259,4260	ACG7107		C	4823,4920,4923	CFHXSQ102J50
	C	4161,4175,4261,4275	ACG7105		C	4824,4852,4853,4858	CKSRYP104K50
	C	4186,4285,4286,4785	CCSRCH100D50		C	4856,4951,4955,4956	CKSRYP103K50
	C	4203,4213,4224,4252	CKSRYP104K50		C	4867,4916,4966,4967	ACH1479
	C	4216,4266,4267,4316	ACH1479		C	4880,4882,4980,4982	ACE7090
	C	4223,4320,4323,4420	CFHXSQ102J50		C	4900	CFTLA104J2A
	C	4230,4237,4325,4330	CCG1288		C	4901	CFTLA474J2A
	C	4251,4255,4256,4351	CKSRYP103K50		C	4903,4913,4924,4952	CKSRYP104K50
	C	4253,4258,4303,4313	CKSRYP104K50		C	4915	CCG1255
	C	4280,4282,4380,4382	ACE7090		C	4919	ACG7104
C	C	4284,4783,4784	CCSRCH471J50		C	4921,4922,5102,5103	CFHXSQ103J16
	C	4309,4321,4322,4409	CFHXSQ103J16		C	4925,4930,4937	CCG1288
	C	4315,4412,4415,4512	CCG1255		C	4927	DCH1330
	C	4324,4352,4353,4403	CKSRYP104K50		C	4934	CCSQCH101J50
	C	4337,4425,4430,4437	CCG1288		C	4935	ACG7103
	C	4349,4350,4449,4450	ACH7359		C	4949,4950	ACH7359
	C	4355,4356,4451,4455	CKSRYP103K50		C	4953,5101	CKSRYP104K50
	C	4359,4360,4459,4460	ACG7107		C	4959,4960	ACG7107
	C	4361,4375,4461,4475	ACG7105		C	4961,4975	ACG7105
	C	4366,4367,4416,4466	ACH1479		C	5080,5082,5180,5182	ACE7090
	C	4413,4424,4452,4453	CKSRYP104K50		C	5106	CKSRYP224K25
D	C	4421,4422,4509,4521	CFHXSQ103J16				
	C	4423,4520,4523,4620	CFHXSQ102J50				
	C	4456,4551,4555,4556	CKSRYP103K50				
	C	4458,4503,4513,4524	CKSRYP104K50				
	C	4467,4516,4566,4567	ACH1479				
	C	4480,4482,4580,4582	ACE7090				
	C	4500,4600,4700,4800	CFTLA104J2A				
	C	4501,4601,4701,4801	CFTLA474J2A				
	C	4508,4608,4708,4728	ACH7320				
	C	4515,4612,4615,4712	CCG1255				
E	C	4519,4619,4719,4819	ACG7104				
	C	4522,4609,4621,4622	CFHXSQ103J16				
	C	4525,4530,4537,4625	CCG1288				
	C	4527,4627,4727,4827	DCH1330				
	C	4534,4634,4734,4834	CCSQCH101J50				
	C	4535,4635,4735,4835	ACG7103				
	C	4549,4550,4649,4650	ACH7359				
	C	4552,4553,4603,4613	CKSRYP104K50				
	C	4559,4560,4659,4660	ACG7107				
	C	4561,4575,4661,4675	ACG7105				
	C	4616,4666,4667,4716	ACH1479				
F	C	4623,4720,4723,4820	CFHXSQ102J50				
	C	4624,4652,4653,4658	CKSRYP104K50				
	C	4630,4637,4725,4730	CCG1288				
	C	4651,4655,4656,4751	CKSRYP103K50				

S PRIMARY ASSY

SEMICONDUCTORS

⚠	IC 1	MIP4150MD
⚠	IC 52	NJM1431AF
	Q 71	2SD2704K
⚠	D 1	D2SB60A
⚠	D 2	RD2ALF-A1
⚠	D 3	1SS403
⚠	D 4	RB751V-40
⚠	D 50	SBT250-06J
	D 71,72	1SS352

MISCELLANEOUS

⚠	L 1	LINE FILTER	ATF7046
	L 51	COIL	ATH7080
⚠	L 71	LINE FILTER	XTF3004
	H 1,2,71,72	FUSE CLIP	AKR1004
⚠	JA 71	AC INLET ASSY	ADX7464
	KN 1,2	SCREW PLATE	VNE1948
	KN 50,52	EARTH TERMINAL	AKF7002
⚠	RY 71	POWER RELAY	ASR7034
⚠	T 1	POWER TRANSFORMER	ATK7003
⚠	CN 81	CONNECTOR	B2P3-VH

Mark	No.	Description	Part No.
	0	HEAT SINK(AL)	ANH7224
	0	SCREW	BBZ30P080FCC
	0	HEAT SINK(AL)	ANH7223
	JP 51	HOUSING	ADX7750
⚠	PC 1	PHOTO COUPLER	TLP781(GR)

RESISTORS

⚠	R 1,12	RS2LMF683J
⚠	R 9-11	ACN7173
	R 14	RS1/10SR1001F
	R 53	RS1/10SR1202F
	R 54	RS1/10SR7500F
	R 56	RS1/10SR1002F
	R 57	ACN7180
	R 59	RS1/8SQ365J
	R 74	RS1/8SQ105J
	Other Resistors	RS1/10SR###J

CAPACITORS

⚠	C 1	ACE7043
	C 3	ACH7342
⚠	C 4	ACE7089
⚠	C 5	ACG7102
	C 6	CKSQYB105K25
	C 7	ACH7370
	C 8,53,56	CKSRYB104K50
	C 9	CCSRCH100D50
	C 10	CEAK2R2M2A
	C 13	CCSRCH102J50
⚠	C 18,20	VCG1046
	C 52	BCH1044
	C 58	ACH7369
	C 61	CCSRCH101J50
⚠	C 71,81	ACE7013
⚠	C 73	ACG7039
	C 74,75	CCSRCH220J50

T PRIMARY SHIELD ASSY**MISCELLANEOUS**

KN5751	SCREW PLATE	VNE1948
CN5751	5P PLUG	XKP3062

U REG ASSY**SEMICONDUCTORS**

⚠	IC 7501,7611	NJM78M12FA
⚠	IC 7502	NJM79M12FA
⚠	IC 7521	NJM78M06FA
⚠	IC 7601	NJM78M05FA
⚠	IC 7602	NJM79M05FA
⚠	D 7501-7504,7521,7522	1SR154-400
	D 7505,7506,7523,7603	1SS357
⚠	D 7601	D3SBA60(B)
	D 7604,7614	1SS357
⚠	D 7611-7613,7621-7623	1SR154-400
	D 7624,7627	RKZ5.1KG(B2)
	D 7625	PTZ22(B)

Mark	No.	Description	Part No.
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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	
	7502	PCB BINDER	VEF1040	
⚠	P	7521,7522	PROTECTOR(1.5A)	AEK7011

RESISTORS

R	7621,7640	RS1/10SR473J
R	7622	RD1/4MUF391J
R	7628	RS1/8SQ105J
	Other Resistors	RS1/4SA###J

CAPACITORS

C	7501,7511	CEAK332M25
C	7504-7506,7525,7526	CFTLA394J50
C	7507,7508,7623	CEAK221M35
C	7521	CEAK222M25
C	7522	CCSRCH330J50
C	7523	CEAK221M16
C	7601	CEAK472M16
C	7602	CEAK222M16
C	7603,7604,7613,7626	CKSRYB103K50
C	7605,7606,7624	CEAK101M16
C	7609	CFTLA394J50
C	7611	CEAK102M35
C	7612	CEAK471M35
C	7614	CEAK100M50
C	7621	ACH7358
C	7622	CEAK101M35
C	7625	CEAK470M50
C	7628,7632	CCSRCH102J50
C	7629	CFTLA104J50
C	7634-7637,7640,7641	CKSRYB104K50

V IR REG ASSY**SEMICONDUCTORS**

⚠	IC 7251	NJM78M12FA
⚠	IC 7252	NJM79M12FA
⚠	IC 7271	NJM78M05FA
⚠	IC 7272	NJM79M05FA
	Q 7203,7204,7207,7221	LTC124EUB
	Q 7205,7206	LTA124EUB
⚠	Q 7211,7241	2SD1763A
⚠	Q 7212	2SB1186A
	Q 7222	LTA143EUB
	Q 7242	LSC4081UB
⚠	D 7201-7204,7241-7244	1SR154-400
	D 7211,7212,7215,7216	1SR154-400
	D 7213,7214	HZU7R5(B1)
	D 7245	1SS352
	D 7247	UDZS16(B)
⚠	D 7251-7254,7271-7274	1SR154-400
	D 7255,7256,7275,7276	1SS357

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

H 7201-7204,7241,7242 FUSE CLIP	AKR1004
H 7251-7254 FUSE CLIP	AKR1004
CN 7201 8P TOP POST	B8B-EH
CN 7241 PLUG(2P)	KM200NA2
CN 7251 PLUG(7P)	KM200NA7
CN 7271 PLUG(4P)	KM200NA4
CN 7281,7291 PLUG(3P)	KM200NA3
JH 7251-7253 PCB BINDER	VEF1040

RESISTORS

R 7211,7213	RD1/4MUF102J
R 7241	RS1/4S102J
R 7245,7246,7259,7273	RS1/4SA105J
R 7255,7256	RS1/8SQ100J
R 7258	RS1/4SA822J

R 7260	RS1/8SQ105J
R 7272	ACN7180
R 7274	RS1/4SA331J
Other Resistors	RS1/10SR###J

CAPACITORS

C 7200,7240,7250,7270	CFTLA394J50
C 7201,7202	CEAK102M16
C 7213-7215,7219,7245	CEAK100M50
C 7217,7218,7242,7253	CKSRYB103K50
C 7221,7246	CEAK470M25

C 7222	CCSRCH102J50
C 7241,7251,7252	CEAK222M25
C 7247	CCSRCH100D50
C 7248,7281,7282	CCSRCH101J50
C 7254,7273,7274	CKSRYB103K50

C 7255,7256	CEAK221M35
C 7271,7272	CEAK222M16
C 7275,7276	CEAK221M16
C 7277,7278,7289,7290	CCSRCH331J50
C 7291	CFTLA394J50

C 7298	CCSRCH221J50
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W B DIODE ASSY**SEMICONDUCTORS**

△ D 7400,7401	LN6SB60-4003
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MISCELLANEOUS

CN 7400 PLUG	CKS-556
7400,7401 HEAT SINK B	ANH1021
7402,7403 SCREW	IBZ30P080FCC

RESISTORS

R 7402	RD1/4MUF100J
R 7403,7404	ACN7180
Other Resistors	RS1/4SA###J

CAPACITORS

C 7400,7401	ACH7319
C 7402,7403	CFTLA104J2A

Mark No. Description Part No.**X CONNECT ASSY****MISCELLANEOUS**

CN 7801 14P PLUG	AKM7170
CN 7802 20P PLUG	AKM7171
CN 7803 13P SOCKET	XKP3077
CN 7804 21P SOCKET	XKP3081

RESISTORS

R 7808-7827	RS1/10SR100J
Other Resistors	RS1/8SQ###J

CAPACITORS

C 7813,7816	CCSRCH100D50
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Y FB-CONNECT ASSY**MISCELLANEOUS**

CN 7681 7P SOCKET	KP200IB7L
CN 7682 17P SOCKET	XKP3079
CN 7683 7P PLUG	KM200IB7
CN 7684 17P PLUG	XKP3068

RESISTORS

All Resistors	RS1/10SR###J
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CAPACITORS

C 7693,7696	CCSRCH270J50
C 7694,7697	CCSRCH331J50
C 7699,7702	CKSRYB103K50

Z PRE BRIDGE ASSY**MISCELLANEOUS**

CN 6951,6952 23P PLUG	XKP3071
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AA A-DAC BRIDGE ASSY**MISCELLANEOUS**

CN 3791,3792 14P PLUG	AKM7170
CN 3793,3794 B TO B CONNECTOR	AKM7176

CAPACITORS

C 3794,3798	CKSRYB103K50
C 3800	CKSRYB104K50

AB D-AUDIO BRIDGE ASSY**MISCELLANEOUS**

CN 3771,3772 7P PLUG	XKP3063
CN 3773,3774 15P PLUG	XKP3067

AC D-DAC BRIDGE ASSY**MISCELLANEOUS**

CN 3781-3784 PLUG (30P)	BKM1035
CN 3785 3P PLUG	XKP3061

Mark No. Description **Part No.**

CAPACITORS

C 3781	CCSRCH100D50
C 3785	CKSRYB104K50
C 3786	CKSRYB103K50
C 3787	CCSRCH101J50

AD FRONT BRIDGE ASSY

MISCELLANEOUS

CN7721 7P SOCKET	KP200IB7L
CN7722 17P SOCKET	XKP3079
CN7723 PLUG(3P)	KM200NA3
CN7724 CONNECTOR	9604S-15C

RESISTORS

All Resistors	RS1/10SR###J
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MISCELLANEOUS

JH 7721 PCB BINDER	VEF1040
JP 7725 7P HOUSING ASSY	ADX7729

CAPACITORS

C 7721,7724	CCSRCH101J50
C 7722,7725	CCSRCH102J50

AE DISPLAY BRIDGE ASSY

MISCELLANEOUS

CN7651,7652 39P CONNECTOR	VKN2097
JH 7651,7652 PCB BINDER	VEF1040

RESISTORS

R 7655-7657	RS1/10SR0RJ
Other Resistors	RS1/8SQ###J

CAPACITORS

C 7651,7904,7912,7919	CCSRCH100D50
C 7924	CCSRCH100D50

AF F-IN BRIDGE ASSY

MISCELLANEOUS

CN7661 15P SOCKET	XKP3078
CN7662 7P SOCKET	KP200IB7L
CN7663 CONNECTOR	9604S-15C
CN7664 L-PLUG(7P)	KM200NA7L
JH 7661 PCB BINDER	VEF1040

RESISTORS

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

CAPACITORS

C 7175	CCSRCH101J50
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AG MCH BRIDGE ASSY

MISCELLANEOUS

CN7671,7672 18P PLUG	AKM7050
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Mark No. Description **Part No.**

AH A REG BRIDGE ASSY

MISCELLANEOUS

CN 5775 PLUG(5P)	KM200NA5
JH 5775,5776 PCB BINDER	VEF1040
JP 5775 HOUSING	ADX7773

AI MIC HP GUARD ASSY

MISCELLANEOUS

JH 5921,5924 PCB BINDER	VEF1040
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AJ FAN CONNECT ASSY

MISCELLANEOUS

CN 5931,5932 PLUG(3P)	KM200NA3
JH 5931,5932 PCB BINDER	VEF1040

AK BIND DM CABLE ASSY

MISCELLANEOUS

JH 3506 PCB BINDER	VEF1040
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AL BIND B CABLE ASSY

BIND B CABLE ASSY has no service parts.

AM FFC GUARD2 ASSY

FFC GUARD2 ASSY has no service parts.

AN VREG GUARD ASSY

VREG GUARD ASSY has no service parts.

FM/AM TUNER UNIT

FM/AM TUNER UNIT has no service parts.