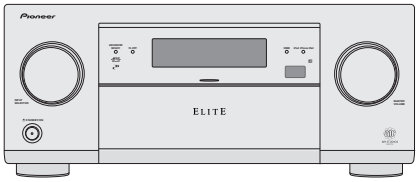
Pioneer

Service Manual



SC-57

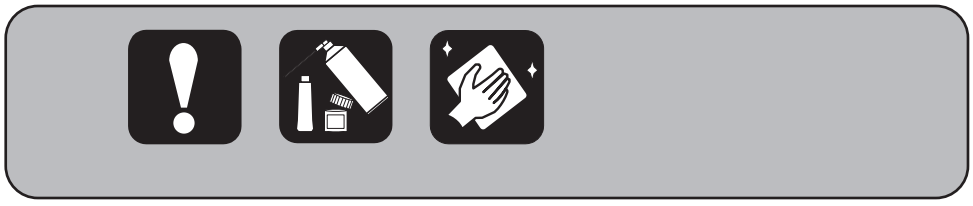
ORDER NO.
RRV4195

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 CORPORATION 2011**

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.

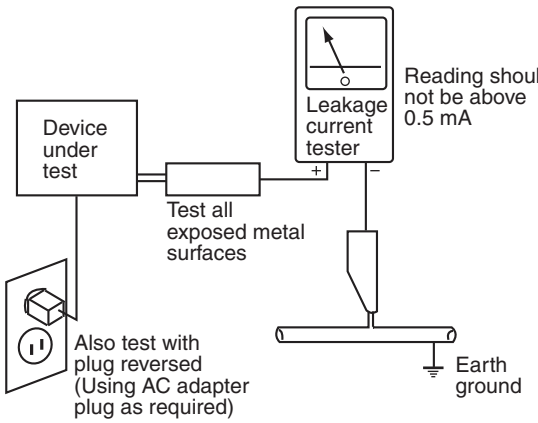
(FOR USA MODEL ONLY)

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) AWX9824 (SC-55) (SC-1526-K)	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
		IC9510	REGULATOR	NJM2846DL3-33	IC with heat-pad
		IC9509	REGULATOR	MM1701WH	IC with heat-pad
IR POWER AMP ASSY	AWH7030 (SC-57) AWH7039 (SC-55) (SC-1526-K)	Q4101,4102 Q4201,4202 Q4301,4302 Q4401,4402 Q4501,4502 Q4601,4602 Q4701,4702 Q4801,4802 Q4901,4902	FET	IRF6775MPBF	Land is under parts

1.3 CAUTION

- **Discharging**
  Before starting the diagnosis, wait for three minutes until the electricity of the unit is discharged.

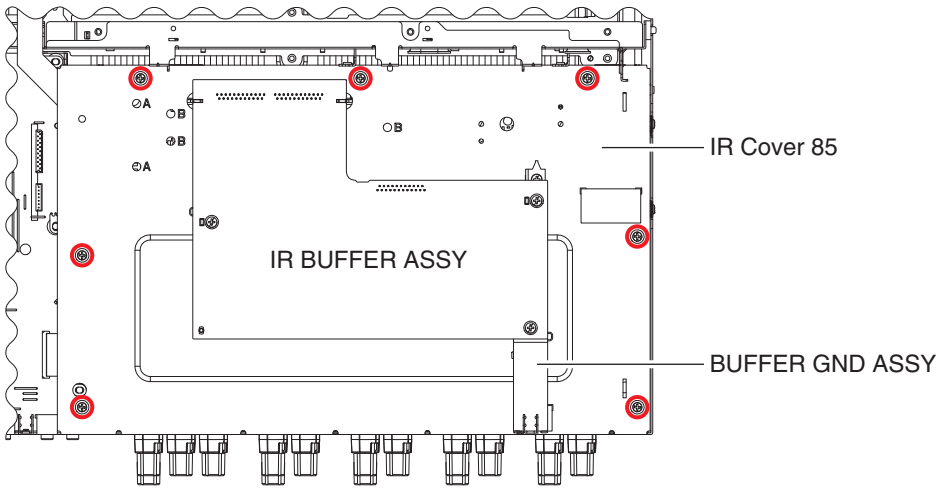
- **Ground Points**
  Please refer to page 51, “Ground Points”.

1.4 NOTES ON ASSEMBLING

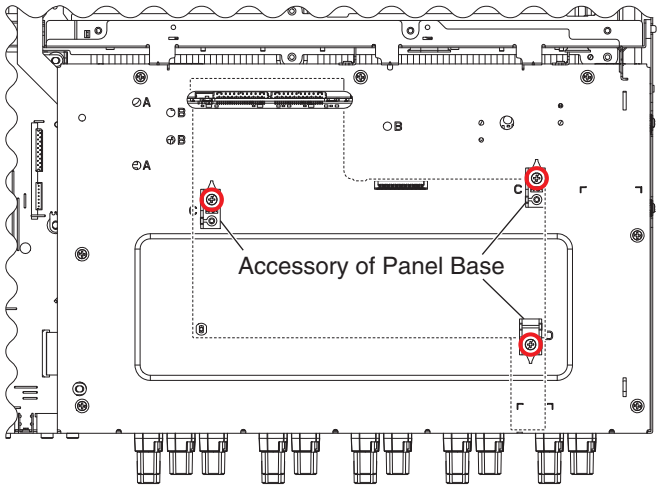
Note : The right and left positions for the attachment positioning of IR amplifier block are gradual, however, adjust the front and back positions correctly. For the positioning procedure, refer to "7. DISASSEMBLY".

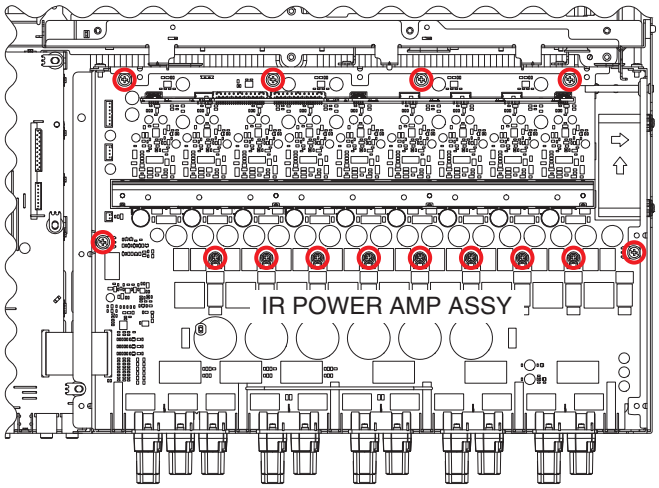
When assembling the IR amplifier block, please note the following points of screws to prevent from short-circuit.

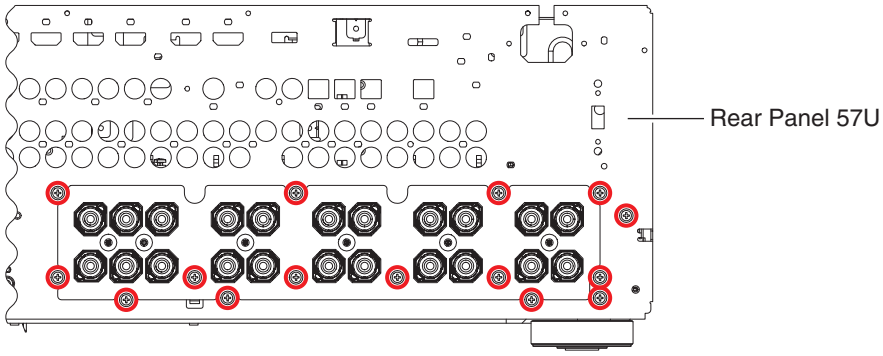
The following 7 points of screws must always be used AMZ30P060FTC



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.....380 mV/2.2 kΩ

Signal-to-Noise Ratio (IHF, short circuited, A network)
- LINE.....103 dB

Tuner Section

Frequency Range (FM)..... 87.5 MHz 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 (75Ω)
- 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 terminal .....10 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 ..... 140 W
- 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 ..... 180 W
- 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

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Input (Sensitivity/Impedance)
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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
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HDMI terminal ..... 19-pin (Not DVI)
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12 V Trigger output type ..... 12 V, Total 150 mA
RS-232C cable type ..... 9-pin, cross type, female-female
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Miscellaneous

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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

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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	

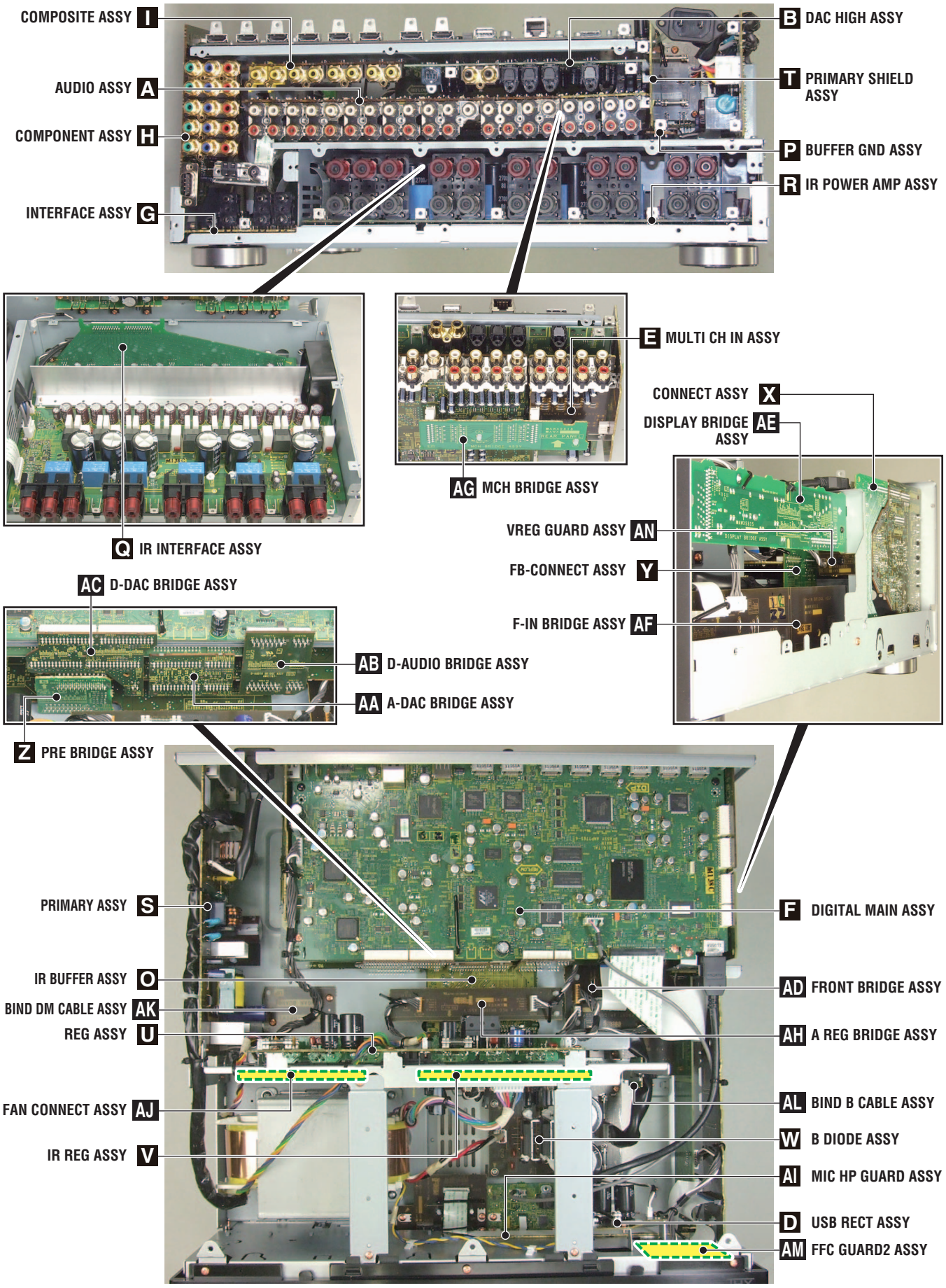
Cleaning

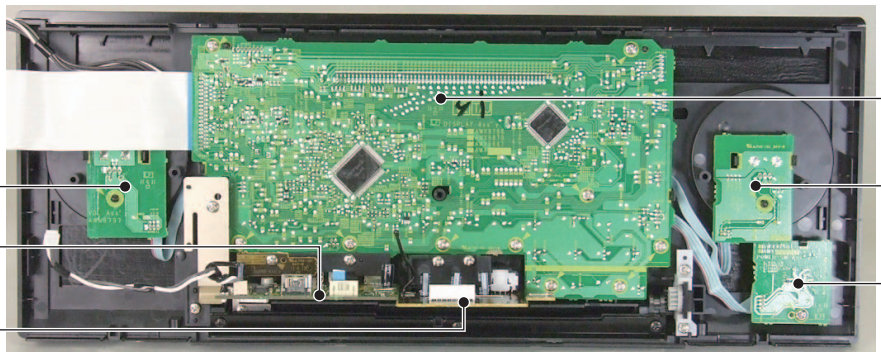


Before shipping out the product, be sure to clean the following positions by using the prescribed cleaning tools.

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 ⚠ 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.*

LIST OF ASSEMBLIES

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

3.3 JIGS LIST

[1] Jigs List

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

A

B

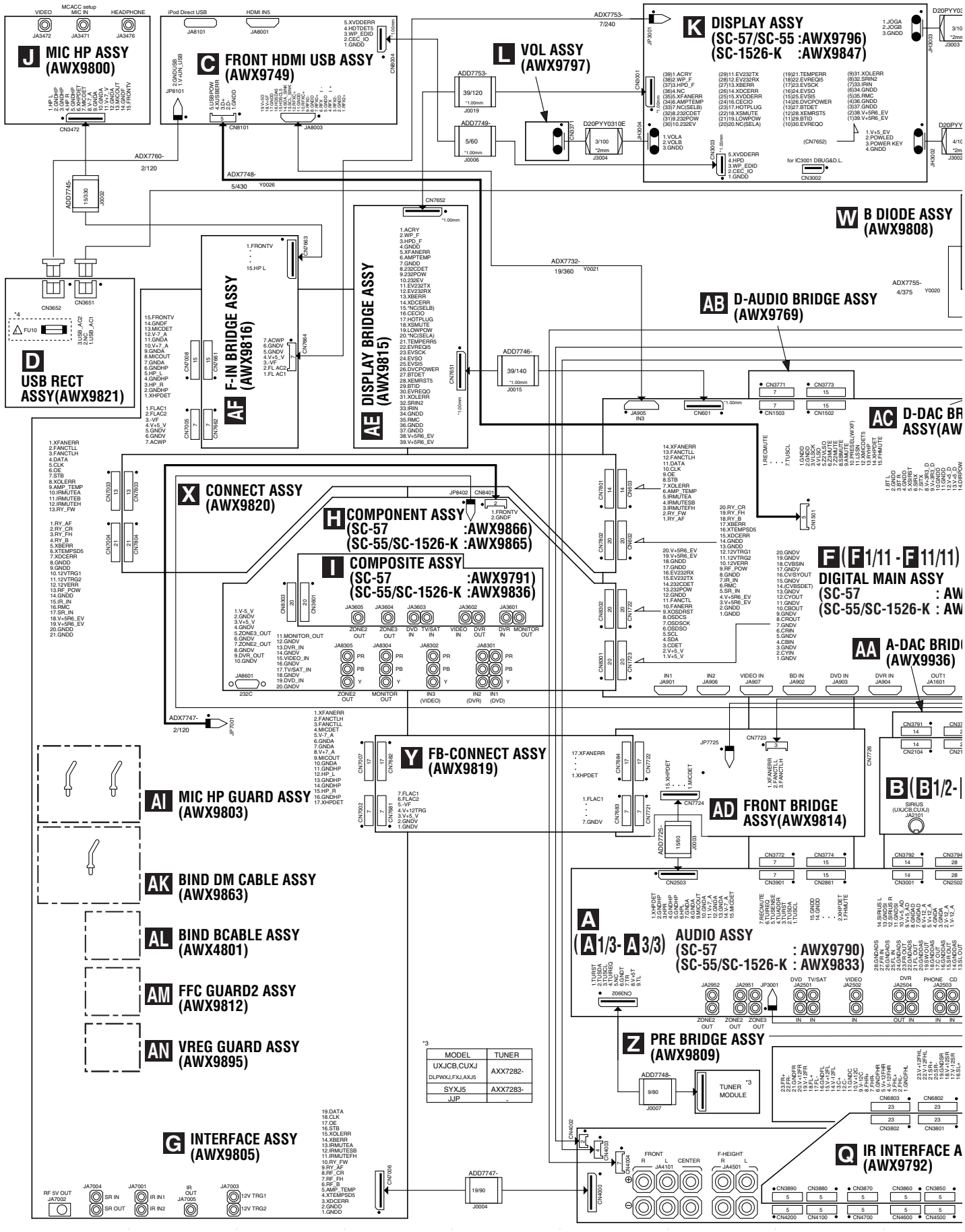
C

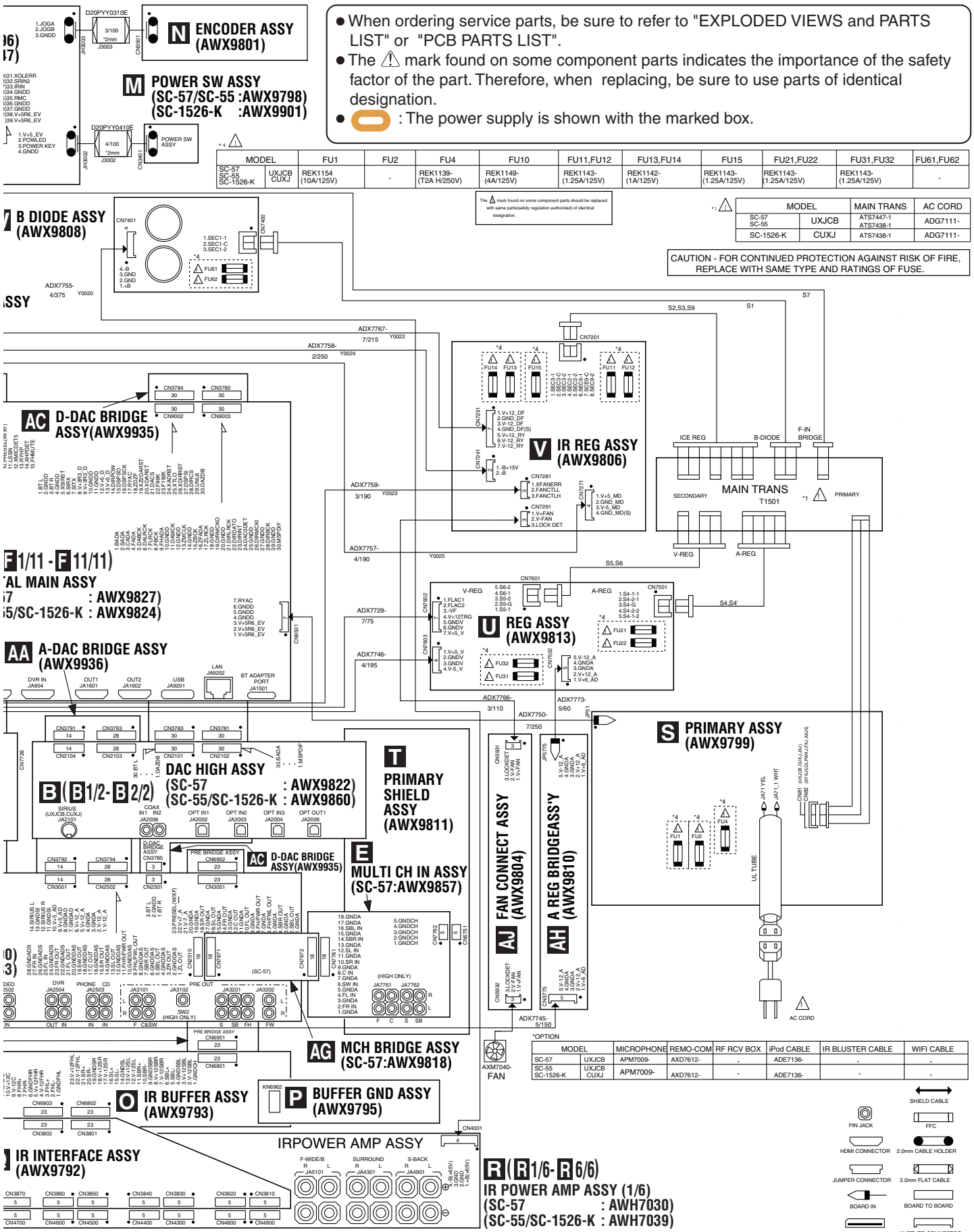
D

E

F

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 ⚠ 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.

*4 ⚠

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

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

*1 ⚠

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

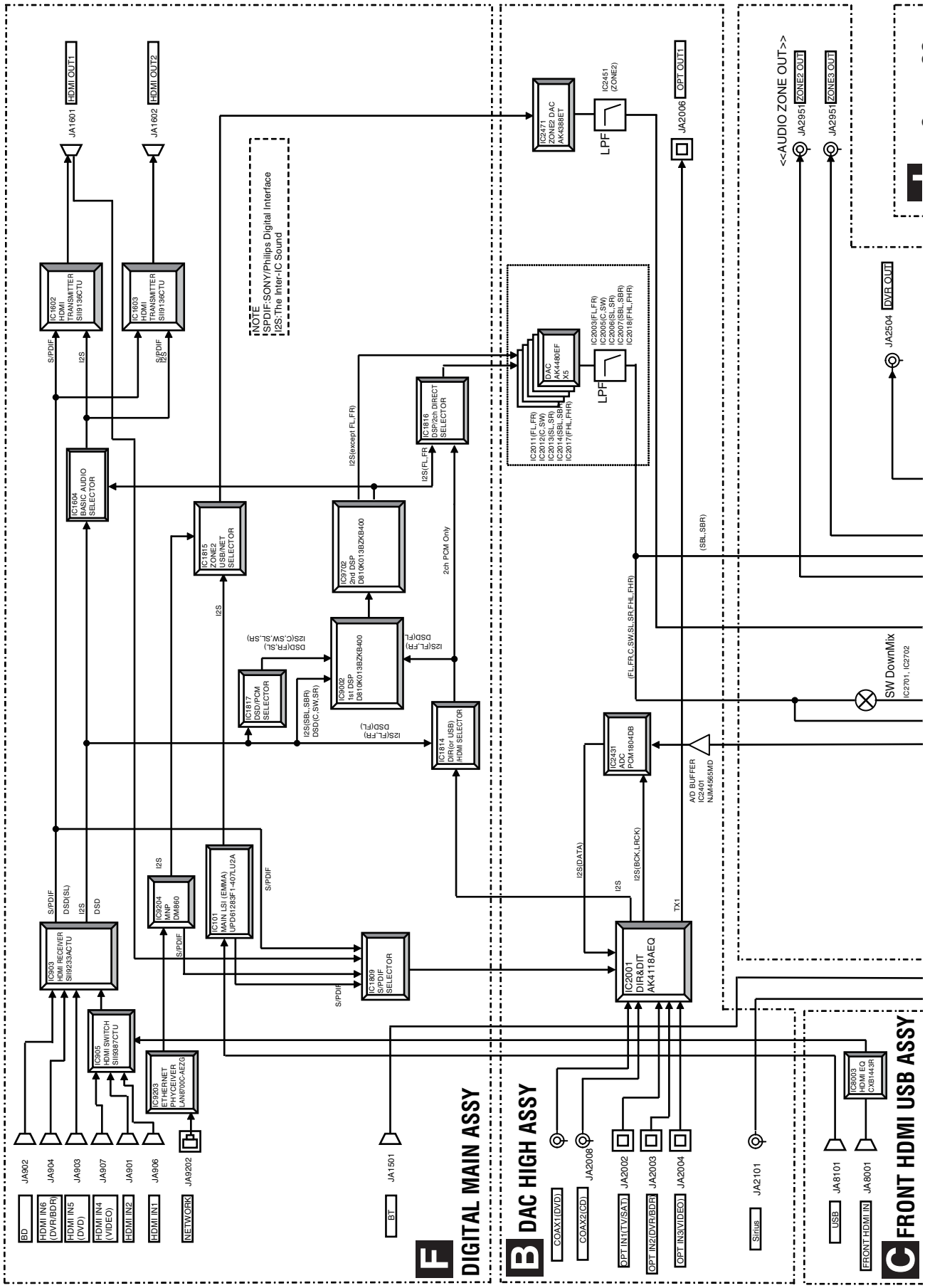
CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

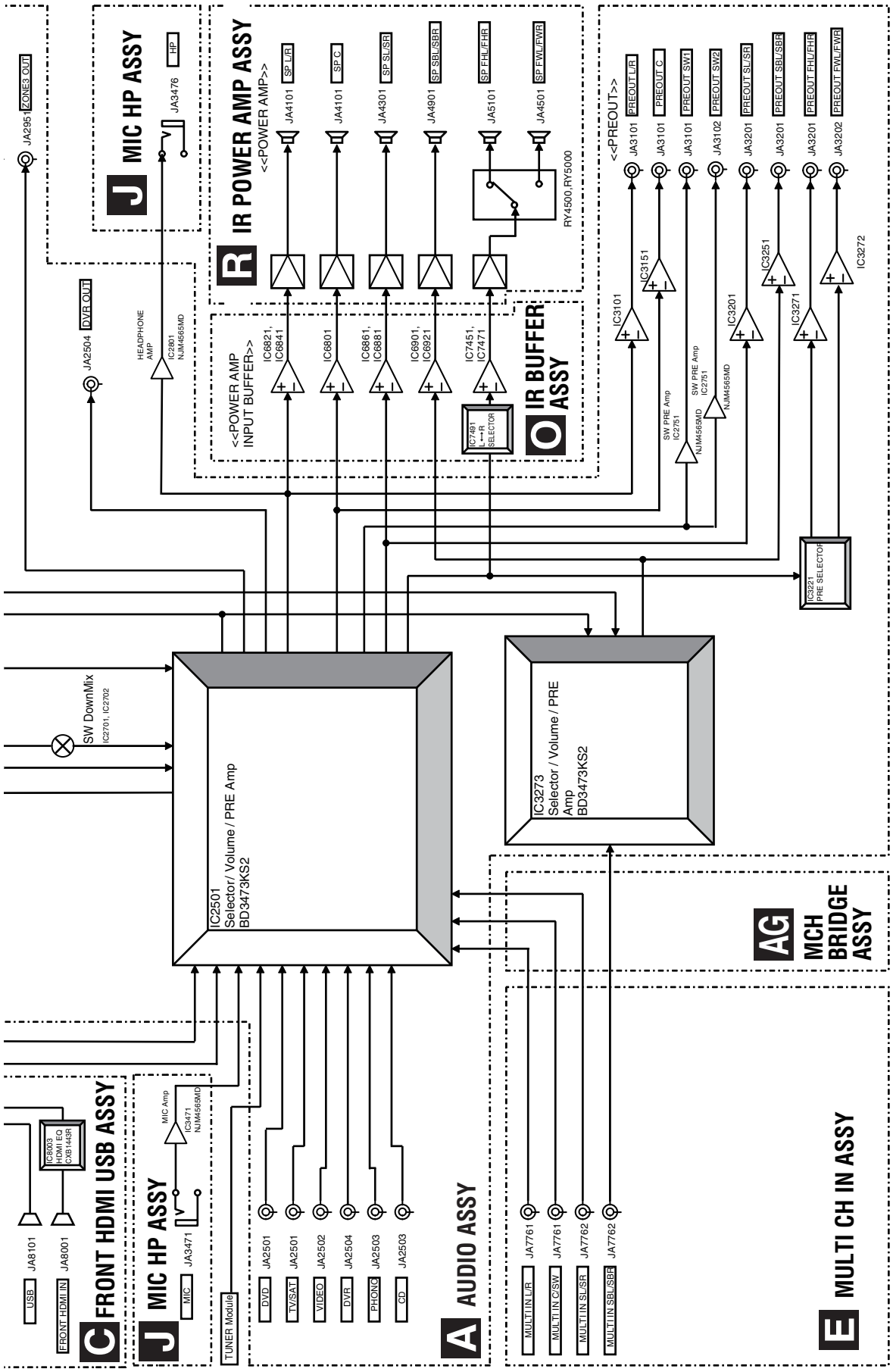
*OPTION

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

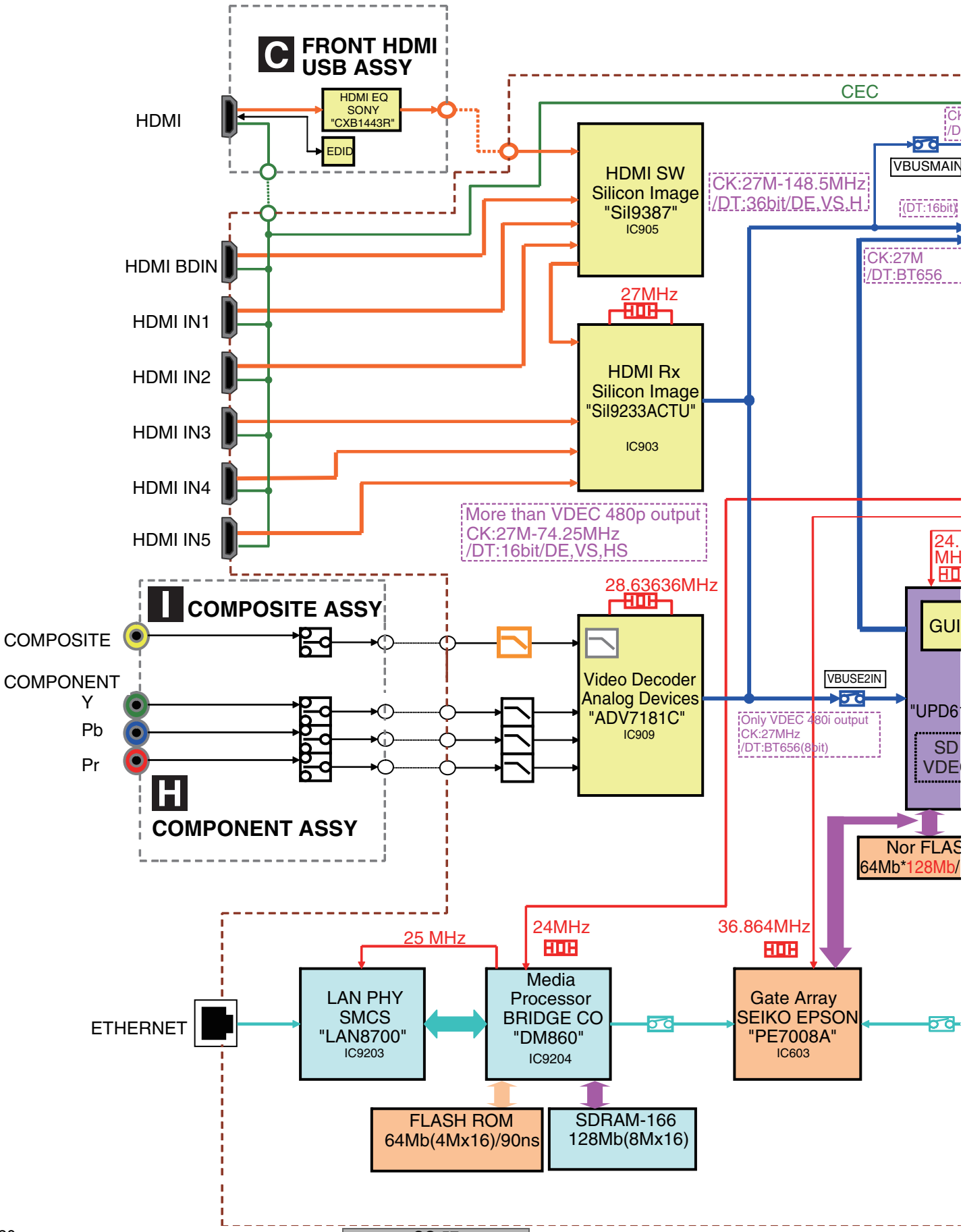
SHIELD CABLE
PIN JACK
FFC
HDMI CONNECTOR
2.0mm CABLE HOLDER
JUMPER CONNECTOR
2.0mm FLAT CABLE
BOARD IN
BOARD TO BOARD
FFC CONNECTOR
ANOTHER CONNECTOR

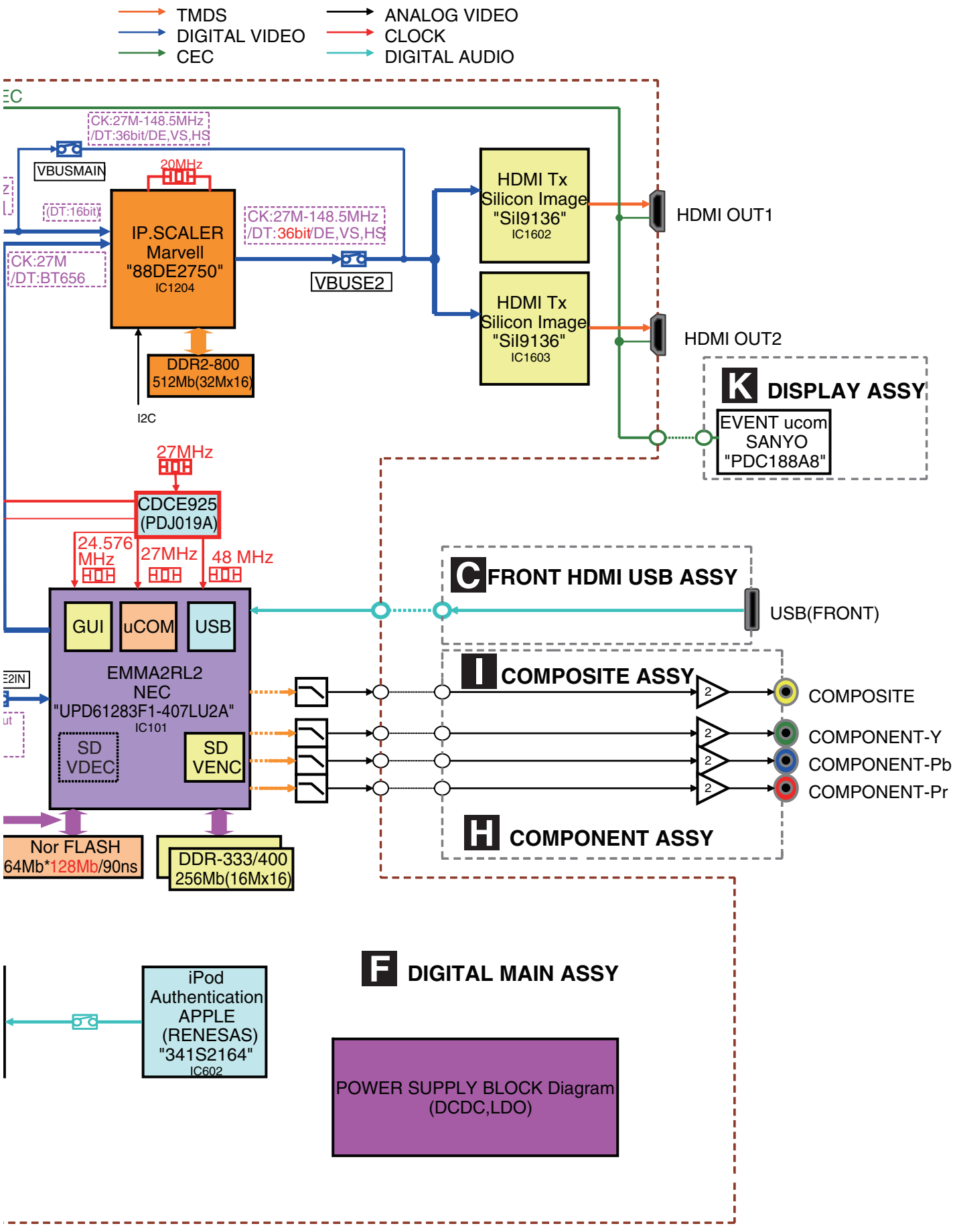
4.2 BLOCK DIAGRAM FOR AUDIO BLOCK



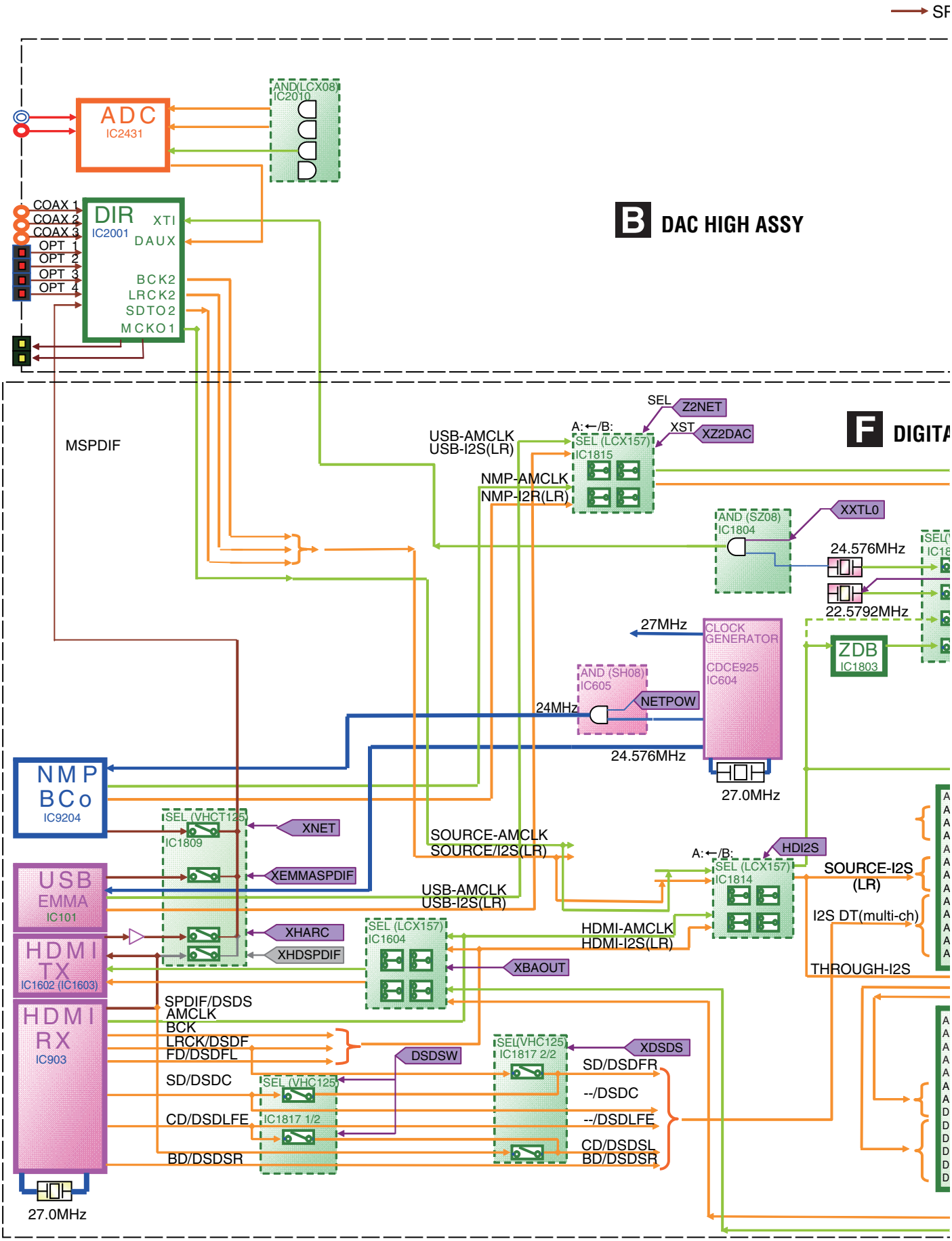

C FRONT HDMI USB ASSY
USB
JA8101
FRONT HDMI IN
JA8001
IC8803
HDMI EQ
CXB1443R
J MIC HP ASSY
MIC
JA3471
MIC Amp
IC3471
NJM4565MD
TUNER Module
A AUDIO ASSY
DVD
JA2501
TV/SAT
JA2501
VIDEO
JA2502
DVR
JA2504
PHONO
JA2503
CD
JA2503
E MULTI CH IN ASSY
MULTI IN L/R
JA7761
MULTI IN C/SW
JA7761
MULTI IN SL/SR
JA7762
MULTI IN SBL/SBR
JA7762
AG MCH BRIDGE ASSY
IC2501
Selector/ Volume / PRE Amp
BD3473KS2
SW DownMix
IC2701, IC2702
IC3273
Selector / Volume / PRE Amp
BD3473KS2
J MIC HP ASSY
JA2951
ZONE3 OUT
JA3476
HP
R IR POWER AMP ASSY
<<POWER AMP>>
JA4101
SP L/R
JA4101
SP C
JA4301
SP SL/SR
JA4901
SP SBL/SBR
JA5101
SP FHL/FHR
JA4501
SP FWL/FWR
RY4500,RY5000
O IR BUFFER ASSY
<<POWER AMP INPUT BUFFER>>
IC6821, IC6841
IC6801
IC6861, IC6881
IC6901, IC6921
IC7451, IC7471
IC7491 L↔R SELECTOR
JA2504
DVR OUT
HEADPHONE AMP
IC2801
NJM4565MD
<<PREOUT>>
JA3101
PREOUT L/R
JA3101
PREOUT C
JA3101
PREOUT SW1
JA3102
PREOUT SW2
JA3201
PREOUT SL/SR
JA3201
PREOUT SBL/SBR
JA3201
PREOUT FHL/FHR
JA3202
PREOUT FWL/FWR
IC3101
IC3151
IC3201
IC3251
IC3271
IC3272
SW PRE Amp
IC2751
NJM4565MD
SW PRE Amp
IC2751
NJM4565MD
IC3221
PRE SELECTOR

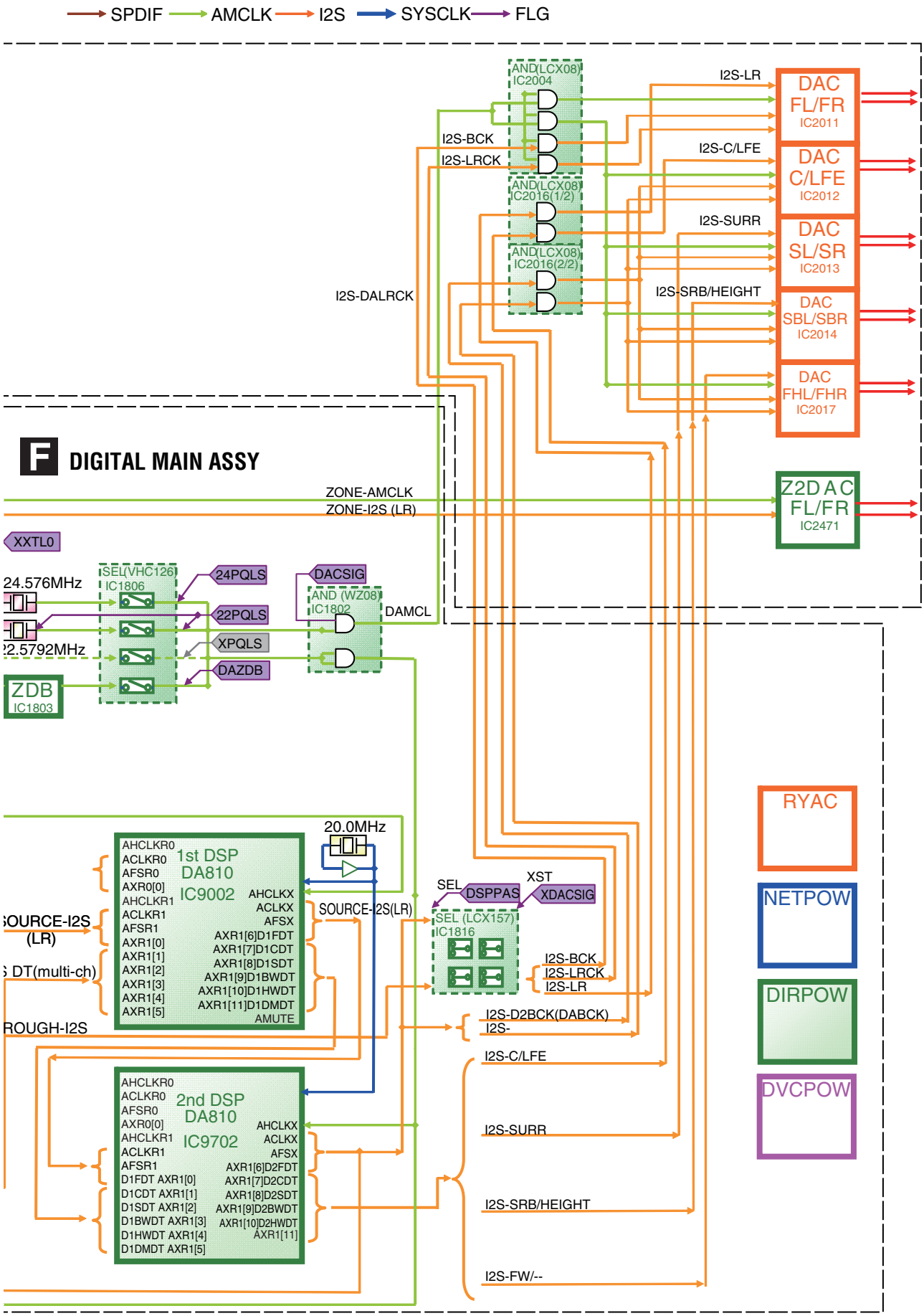
4.3 BLOCK DIAGRAM FOR DIGITAL MAIN VIDEO BLOCK




TMDS
DIGITAL VIDEO
CEC
ANALOG VIDEO
CLOCK
DIGITAL AUDIO
CK:27M-148.5MHz
/DT:36bit/DE,VS,HS
VBUSMAIN
20MHz
(DT:16bit)
IP.SCALER
Marvell
"88DE2750"
IC1204
CK:27M
/DT:BT656
CK:27M-148.5MHz
/DT:36bit/DE,VS,HS
VBUSE2
HDMI Tx
Silicon Image
"Sil9136"
IC1602
HDMI Tx
Silicon Image
"Sil9136"
IC1603
HDMI OUT1
HDMI OUT2
DDR2-800
512Mb(32Mx16)
I2C
K DISPLAY ASSY
EVENT ucom
SANYO
"PDC188A8"
27MHz
CDCE925
(PDJ019A)
24.576
MHz
27MHz
48 MHz
C FRONT HDMI USB ASSY
USB(FRONT)
GUI
uCOM
USB
EMMA2RL2
NEC
"UPD61283F1-407LU2A"
IC101
SD
VDEC
SD
VENC
I COMPOSITE ASSY
COMPOSITE
COMPONENT-Y
COMPONENT-Pb
COMPONENT-Pr
H COMPONENT ASSY
Nor FLASH
64Mb*128Mb/90ns
DDR-333/400
256Mb(16Mx16)
F DIGITAL MAIN ASSY
iPod
Authentication
APPLE
(RENESAS)
"341S2164"
IC602
POWER SUPPLY BLOCK Diagram
(DCDC,LDO)

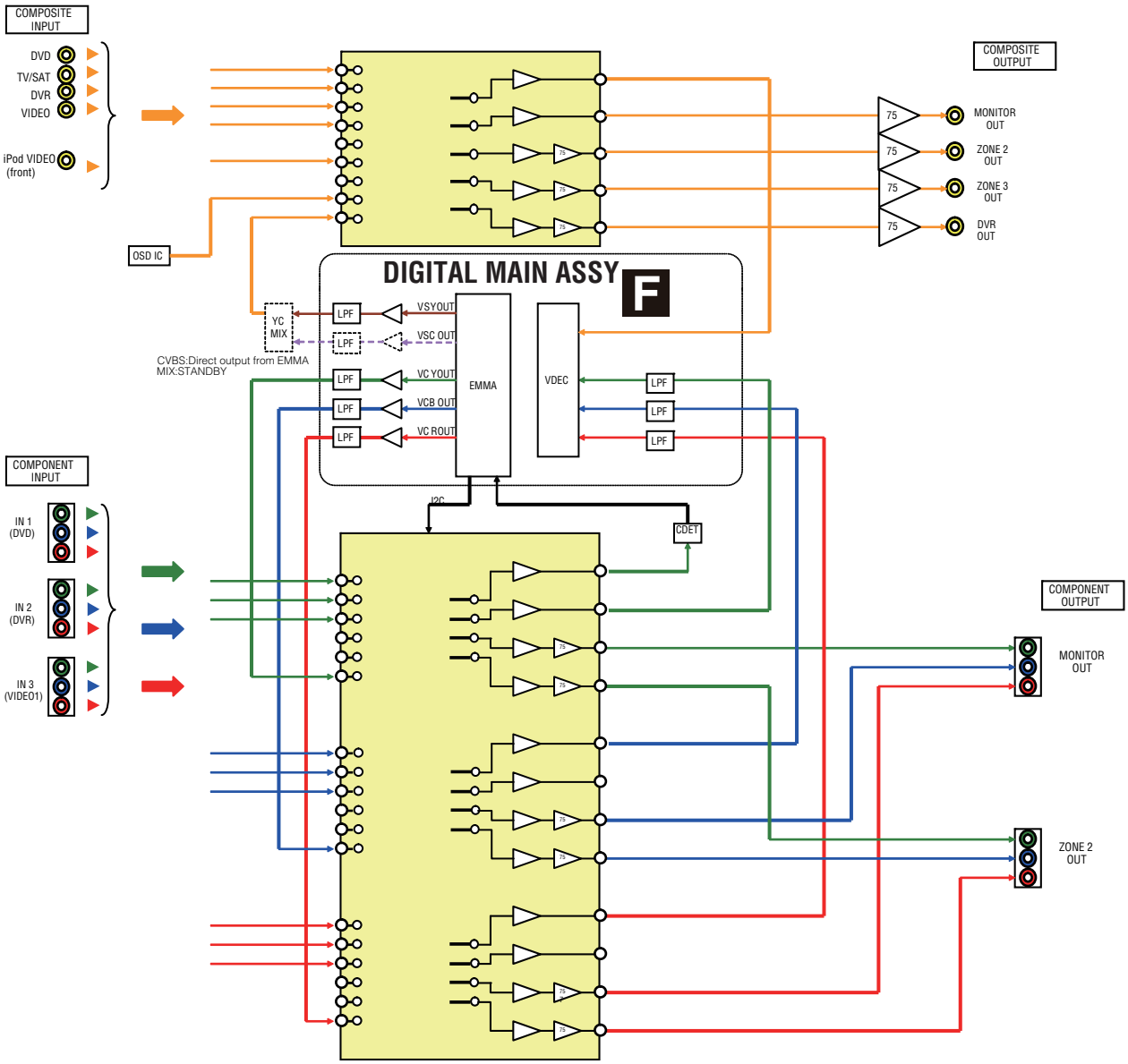
4.4 BLOCK DIAGRAM FOR DIGITAL MAIN AUDIO BLOCK




SPDIF
AMCLK
I2S
SYSCLK
FLG
F DIGITAL MAIN ASSY
AND(LCX08) IC2004
AND(LCX08) IC2016(1/2)
AND(LCX08) IC2016(2/2)
I2S-BCK
I2S-LRCK
I2S-DALRCK
I2S-LR
I2S-C/LFE
I2S-SURR
I2S-SRB/HEIGHT
DAC FL/FR IC2011
DAC C/LFE IC2012
DAC SL/SR IC2013
DAC SBL/SBR IC2014
DAC FHL/FHR IC2017
Z2DAC FL/FR IC2471
ZONE-AMCLK
ZONE-I2S (LR)
XXTL0
24.576MHz
22.5792MHz
SEL(VHC126) IC1806
24PQLS
22PQLS
XPQLS
DAZDB
ZDB IC1803
DACSIG
AND (WZ08) IC1802
DAMCL
20.0MHz
1st DSP DA810 IC9002
AHCLKR0
ACLKR0
AFSR0
AXR0[0]
AHCLKR1
ACLKR1
AFSR1
AXR1[0]
AXR1[1]
AXR1[2]
AXR1[3]
AXR1[4]
AXR1[5]
AHCLKX
ACLKX
AFSX
AXR1[6]D1FDT
AXR1[7]D1CDT
AXR1[8]D1SDT
AXR1[9]D1BWDT
AXR1[10]D1HWDT
AXR1[11]D1DMDT
AMUTE
SOURCE-I2S (LR)
DT(multi-ch)
ROUGH-I2S
SOURCE-I2S(LR)
SEL
DSPPAS
XST
XDACSIG
SEL (LCX157) IC1816
I2S-BCK
I2S-LRCK
I2S-LR
I2S-D2BCK(DABCK)
I2S-
I2S-C/LFE
I2S-SURR
I2S-SRB/HEIGHT
I2S-FW/--
2nd DSP DA810 IC9702
D1FDT AXR1[0]
D1CDT AXR1[1]
D1SDT AXR1[2]
D1BWDT AXR1[3]
D1HWDT AXR1[4]
D1DMDT AXR1[5]
AXR1[6]D2FDT
AXR1[7]D2CDT
AXR1[8]D2SDT
AXR1[9]D2BWDT
AXR1[10]D2HWDT
AXR1[11]
RYAC
NETPOW
DIRPOW
DVCPOW

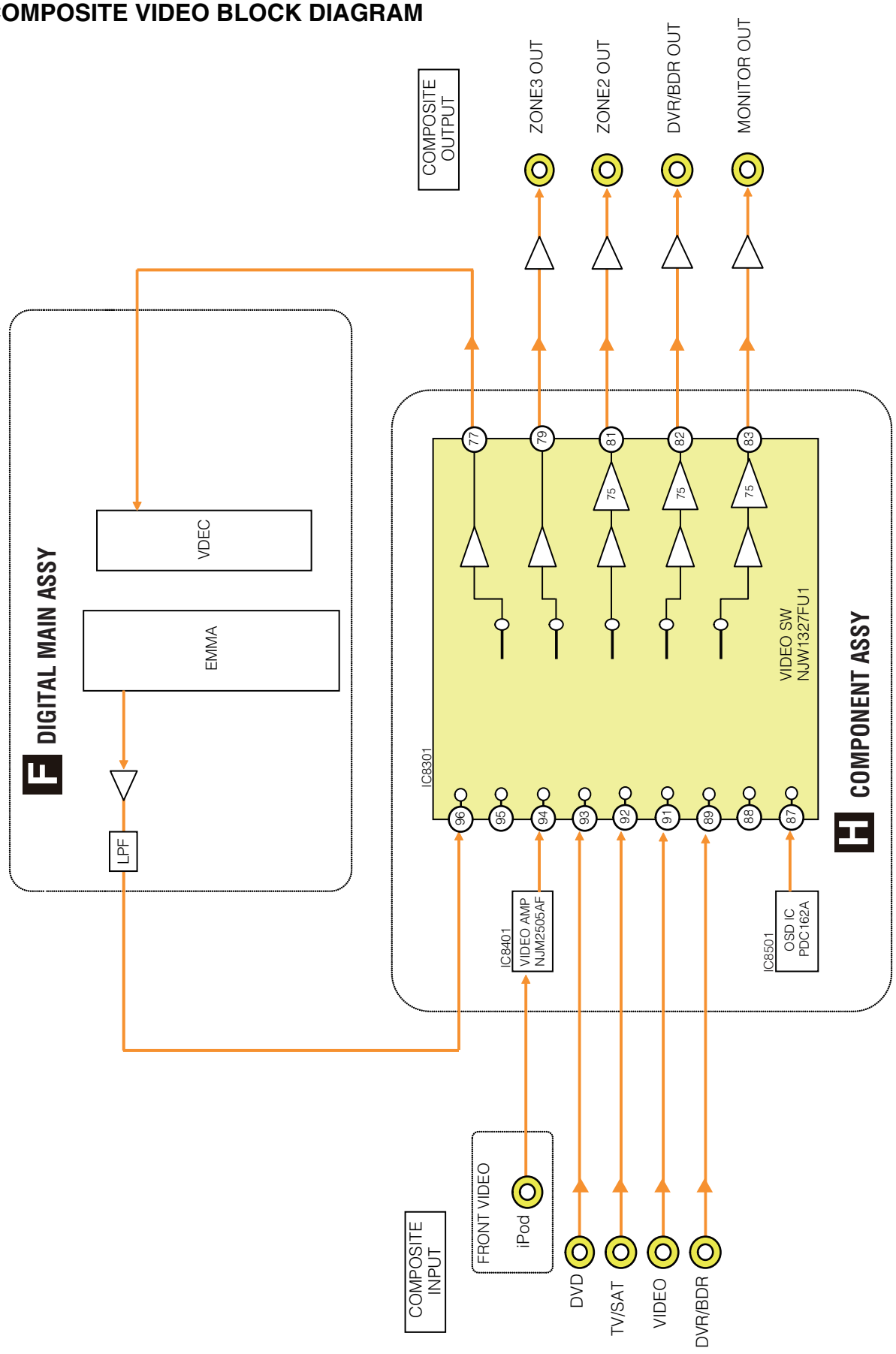
4.5 BLOCK DIAGRAM FOR VIDEO BLOCK

VIDEO BLOCK DIAGRAM



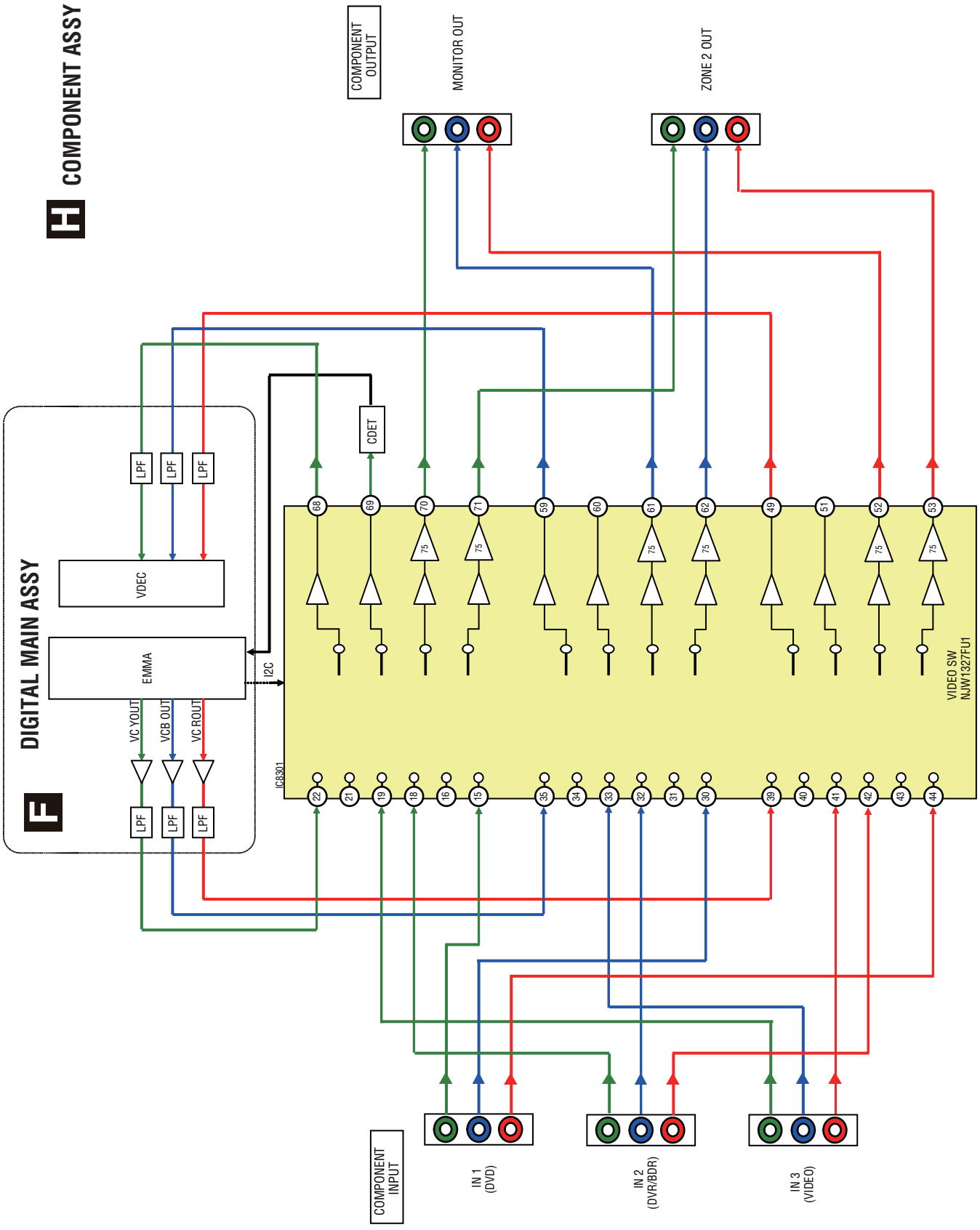
4.6 BLOCK DIAGRAM FOR COMPOSITE VIDEO BLOCK

COMPOSITE VIDEO BLOCK DIAGRAM



4.7 BLOCK DIAGRAM FOR COMPONENT VIDEO BLOCK

COMPONENT VIDEO BLOCK DIAGRAM



A

B

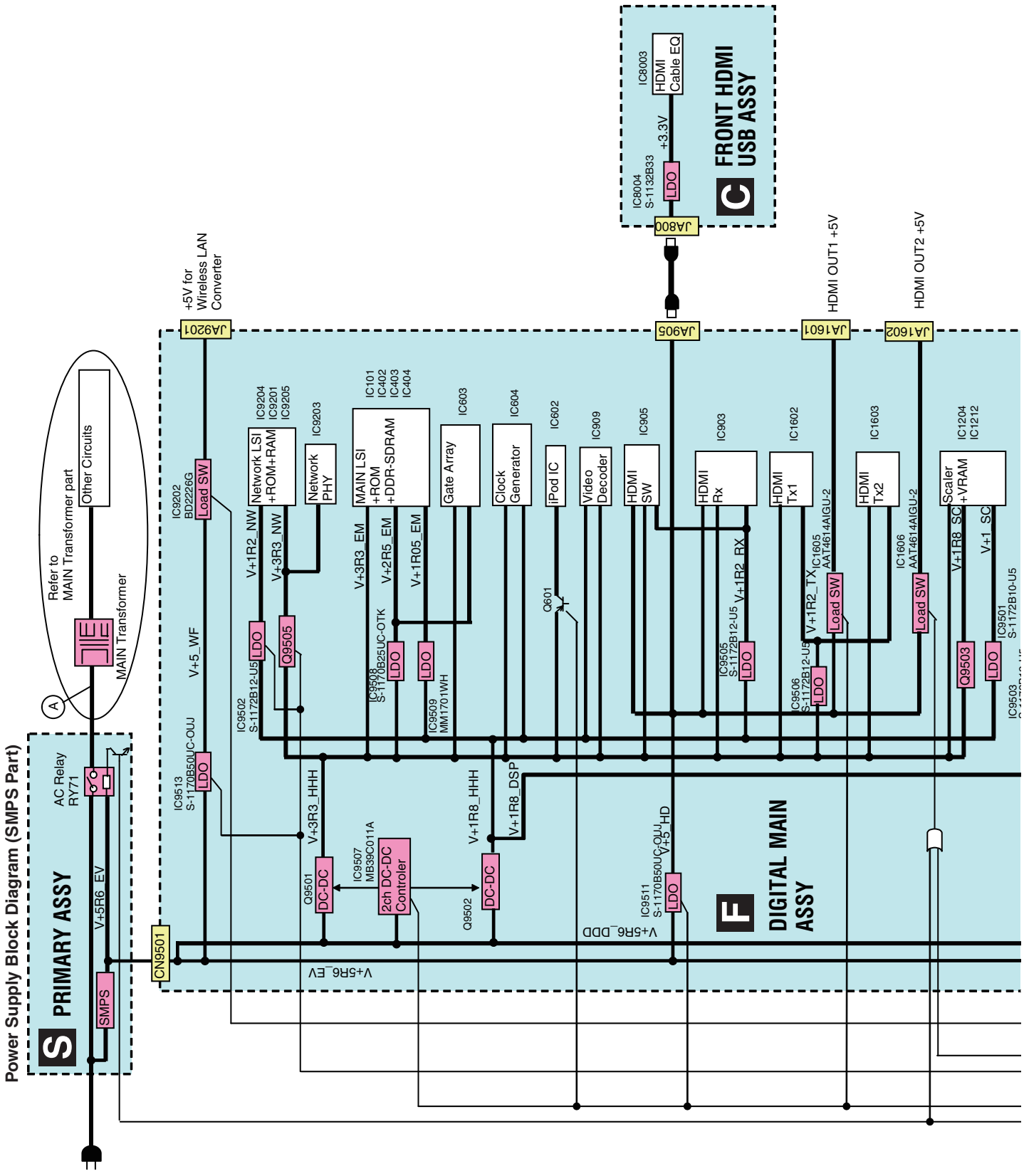
C

D

E

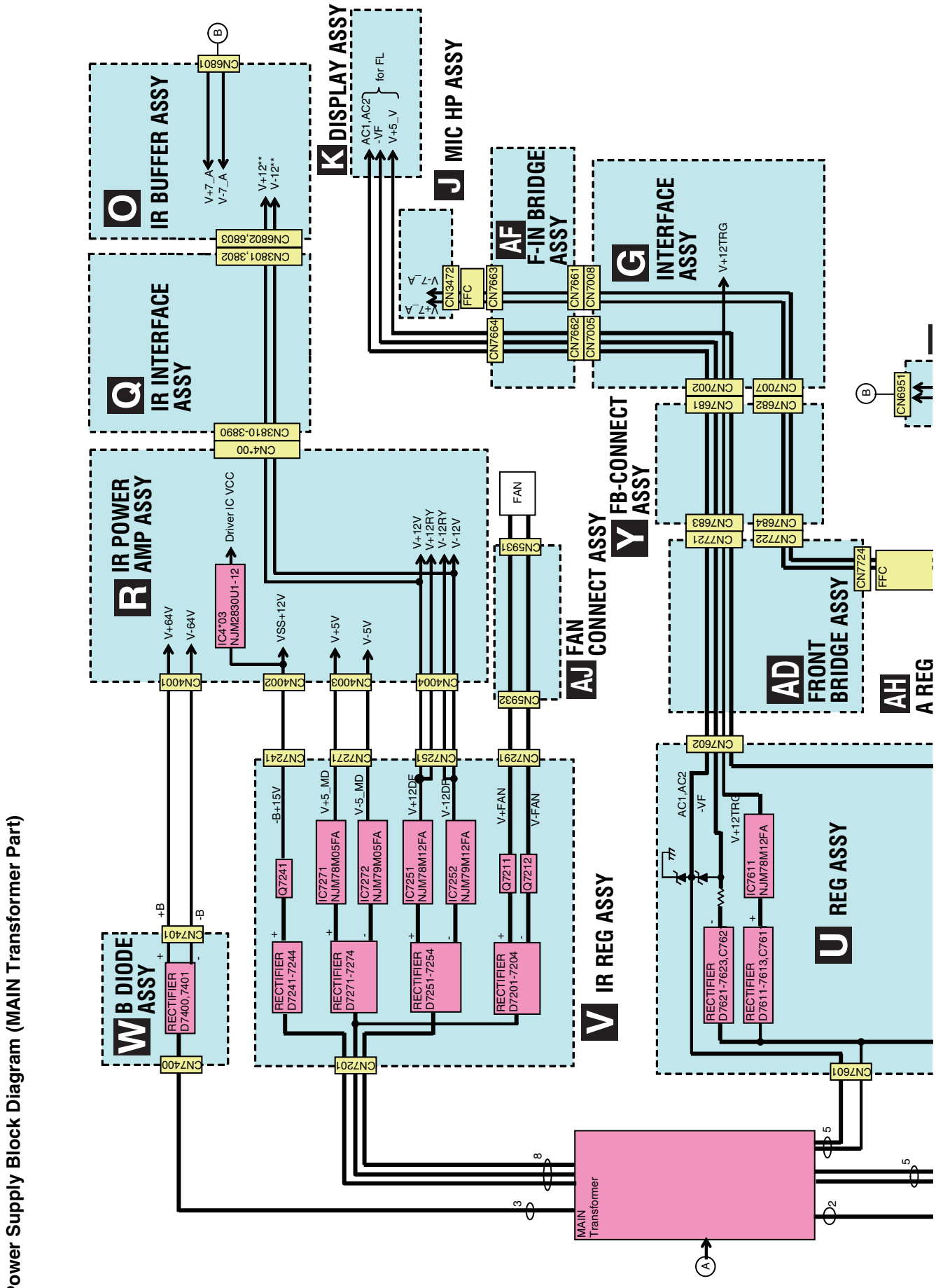
F

4.8 BLOCK DIAGRAM FOR POWER BLOCK(1)

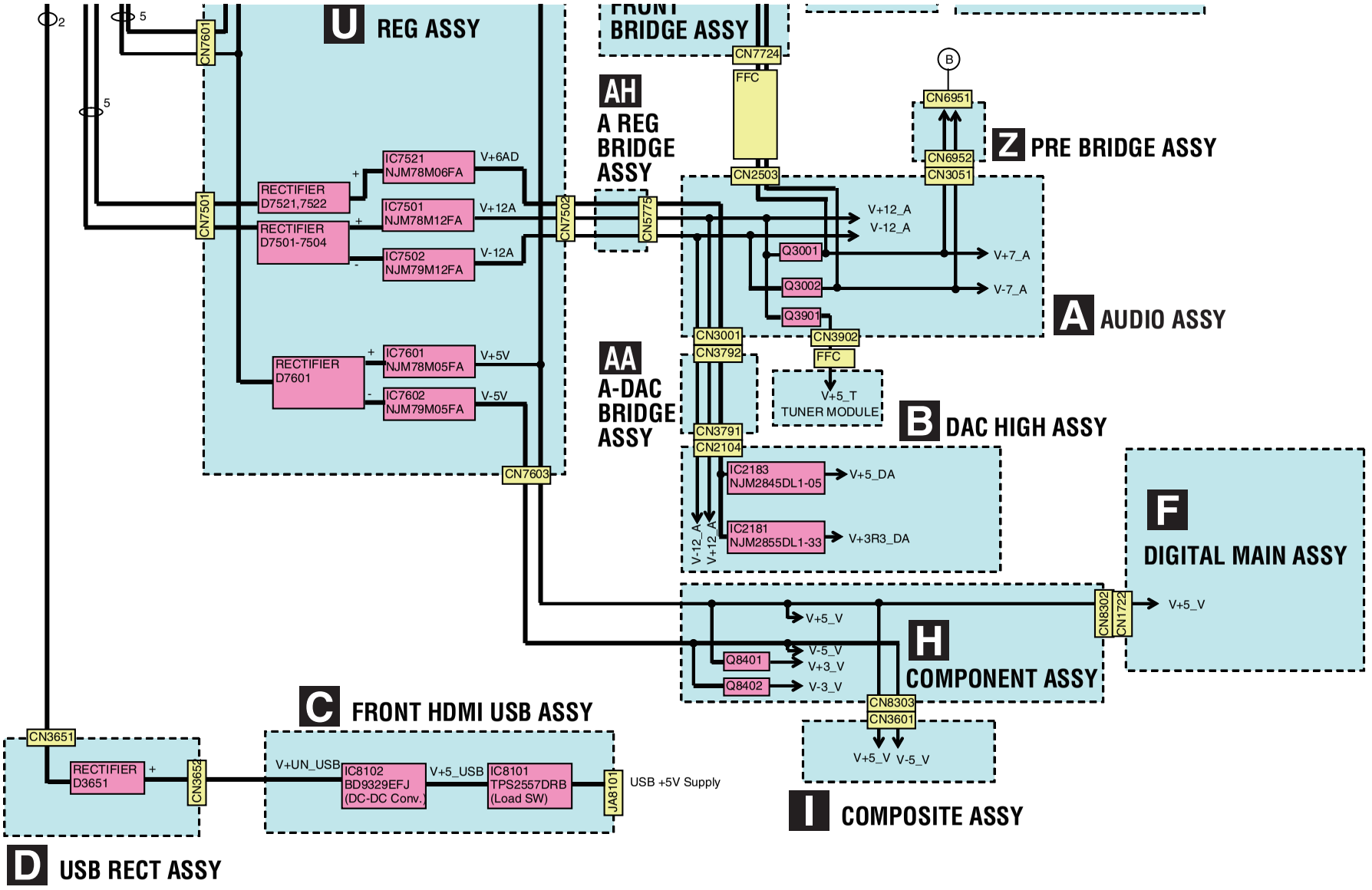


HDMI OUT2 +5V
JA16
BT Adaptor
JA1501
AC D-DAC BRIDGE ASSY
B DAC HIGH ASSY
H COMPONENT ASSY
G INTERFACE ASSY
K DISPLAY ASSY
X CONNECT ASSY
AE DISPLAY BRIDGE ASSY
Power Supply for RF Remote/Extention
JA7002
IC1204 IC1212
Scaler +VRAM
IC9002 IC9001 IC9003 IC9004
1stDSP +ROM +RAM
IC9701 IC9702 IC9703
2ndtDSP +ROM +RAM
X1801 X1802
OSC 24.576M 22.5792M
Logic for Digital Audio
IC1505 BD2224G
IC2001
DIR&DIT
OPT IO
IC8601
RS232C
SR,IR
IC3001
EVENT CPU
IC2015 NJM2880U1-33
IC9501 S-1172B10-U5
IC9503 S-1172B12-U5
IC9514 S-1172B12-U5
IC9510 NJM2846DL3-33
IC9512 NJM2872BF33
IC9504 S-1170B50UC-OUJ
AAT4614AIGU-2
Load SW
Q9503
Q8604
Q7022
LDO
V+1R8_SC
V+1_SC
V+1R2_D1
V+1R2_D2
V+3R3_OS
V+3R3_DS
V+3R3_D
V+5_D
V+5_DSP
V+5_EV
CN9002
CN3784
CN3783
CN2101
CN1722
CN8302
CN602
CN7802
CN601
FFC
CN7651
CN7804
CN7004
CN7652
CN3001
Power Supply Control Signals
from MAIN LSI /Gate Array
NETPOW
DIRPOW
BTPOW
WUSBPOW
from EVENT CPU
232POW
DVCPOW
RYAC

4.9 BLOCK DIAGRAM FOR POWER BLOCK(2)



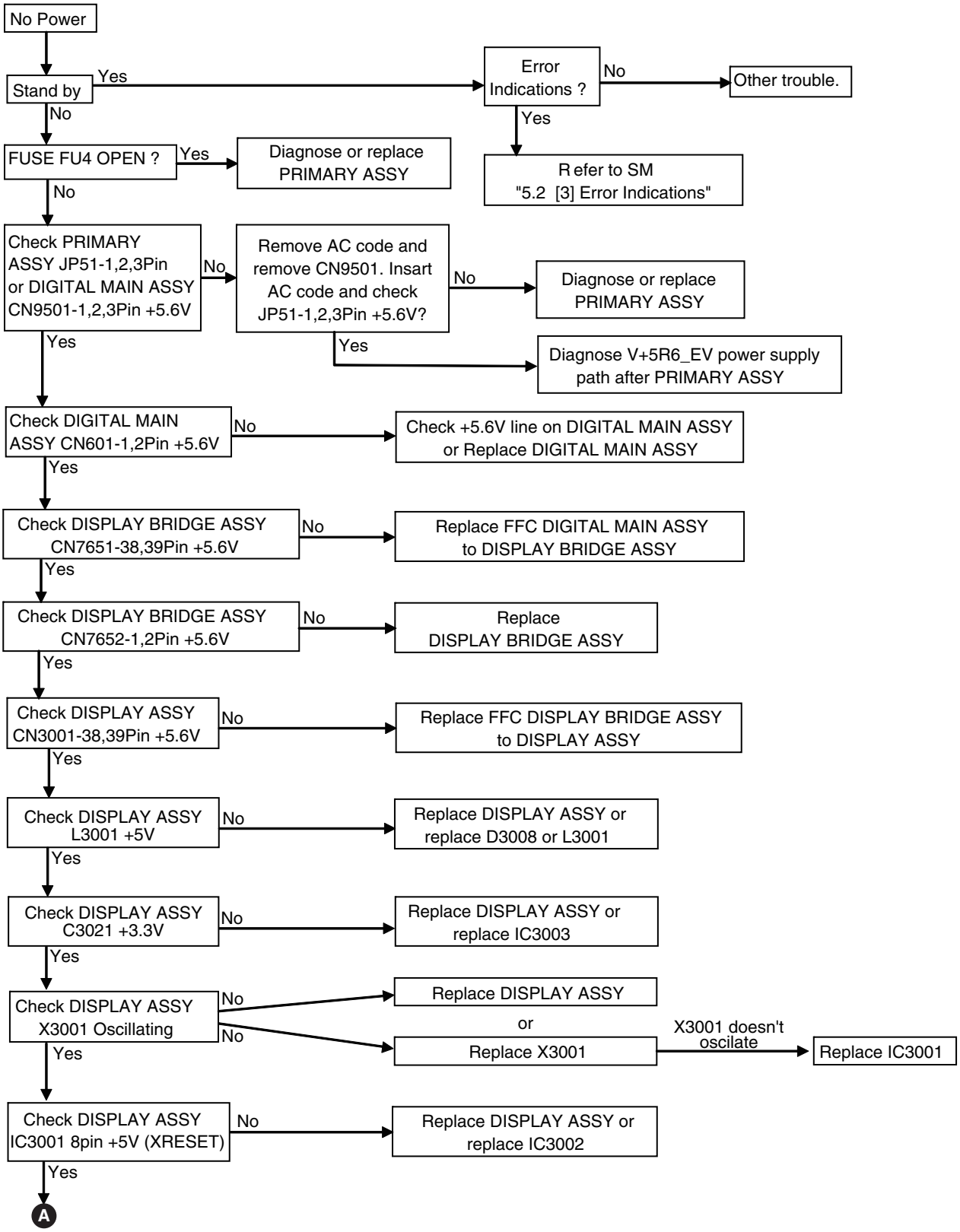
Power Supply Block Diagram (MAIN Transformer Part)

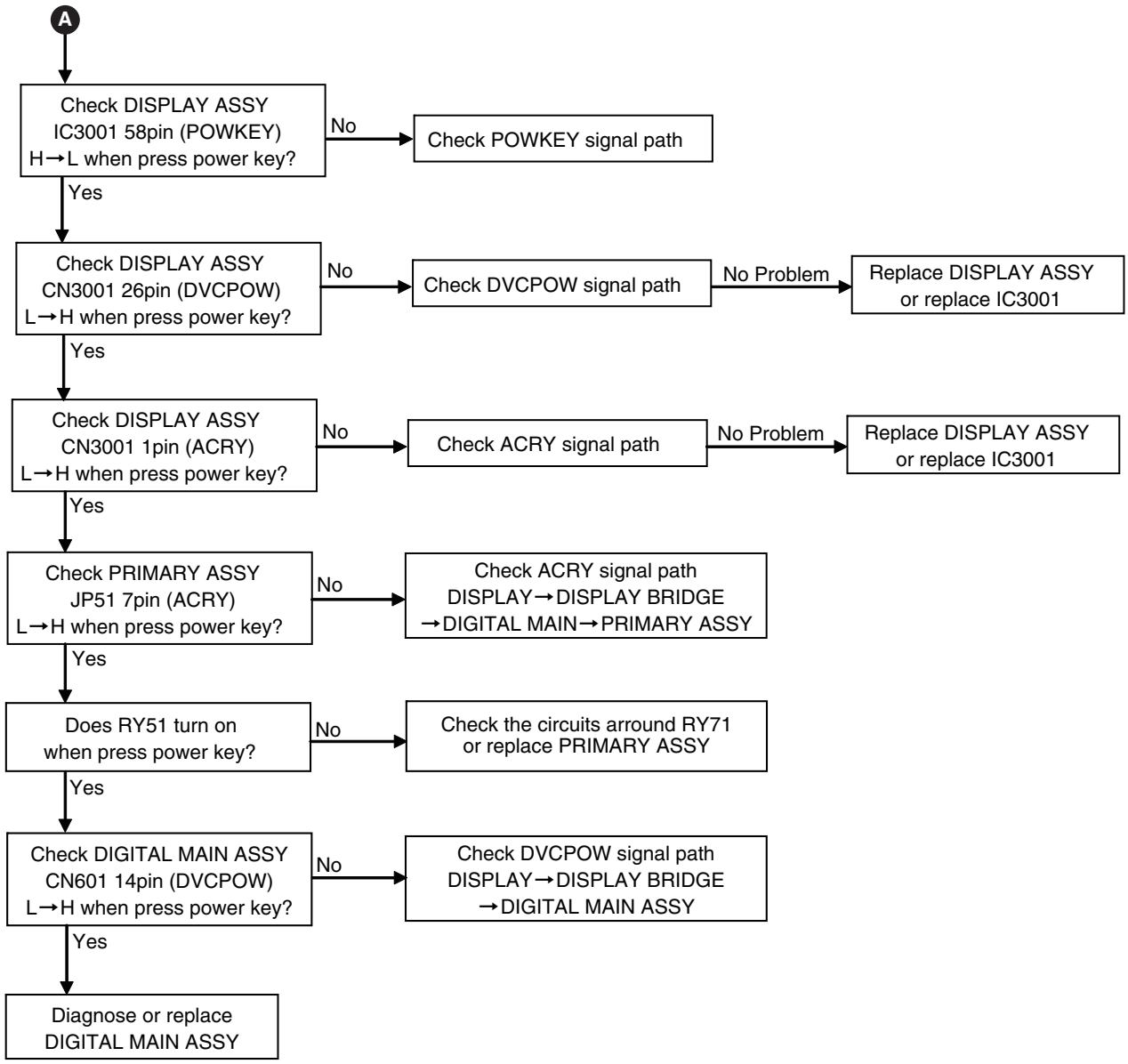

U REG ASSY
FRONT BRIDGE ASSY
AH A REG BRIDGE ASSY
Z PRE BRIDGE ASSY
A AUDIO ASSY
AA A-DAC BRIDGE ASSY
B DAC HIGH ASSY
F DIGITAL MAIN ASSY
H COMPONENT ASSY
C FRONT HDMI USB ASSY
I COMPOSITE ASSY
D USB RECT ASSY
CN7601
CN7501
CN7502
CN5773
CN7724
CN2503
CN6951
CN6952
CN3051
CN3001
CN3792
CN3902
CN3791
CN2104
CN7603
CN8302
CN1722
CN8303
CN3601
CN3651
CN3654
JA8101
FFC
IC7521 NJM78M06FA
V+6AD
IC7501 NJM78M12FA
V+12A
IC7502 NJM79M12FA
V-12A
RECTIFIER D7521,7522
RECTIFIER D7501-7504
RECTIFIER D7601
IC7601 NJM78M05FA
V+5V
IC7602 NJM79M05FA
V-5V
V+12_A
V-12_A
Q3001
Q3002
Q3901
V+7_A
V-7_A
V+5_T TUNER MODULE
IC2183 NJM2845DL1-05
V+5_DA
IC2181 NJM2855DL1-33
V+3R3_DA
V-12_A
V+12_A
V+5_V
Q8401
Q8402
V-5_V
V+3_V
V-3_V
V+5_V
V+5_V V-5_V
RECTIFIER D3651
V+UN_USB
IC8102 BD9329EFJ (DC-DC Conv.)
V+5_USB
IC8101 TPS2557DRB (Load SW)
USB +5V Supply

5. DIAGNOSIS
5.1 DIAGNOSIS FLOWCHART

NO POWER

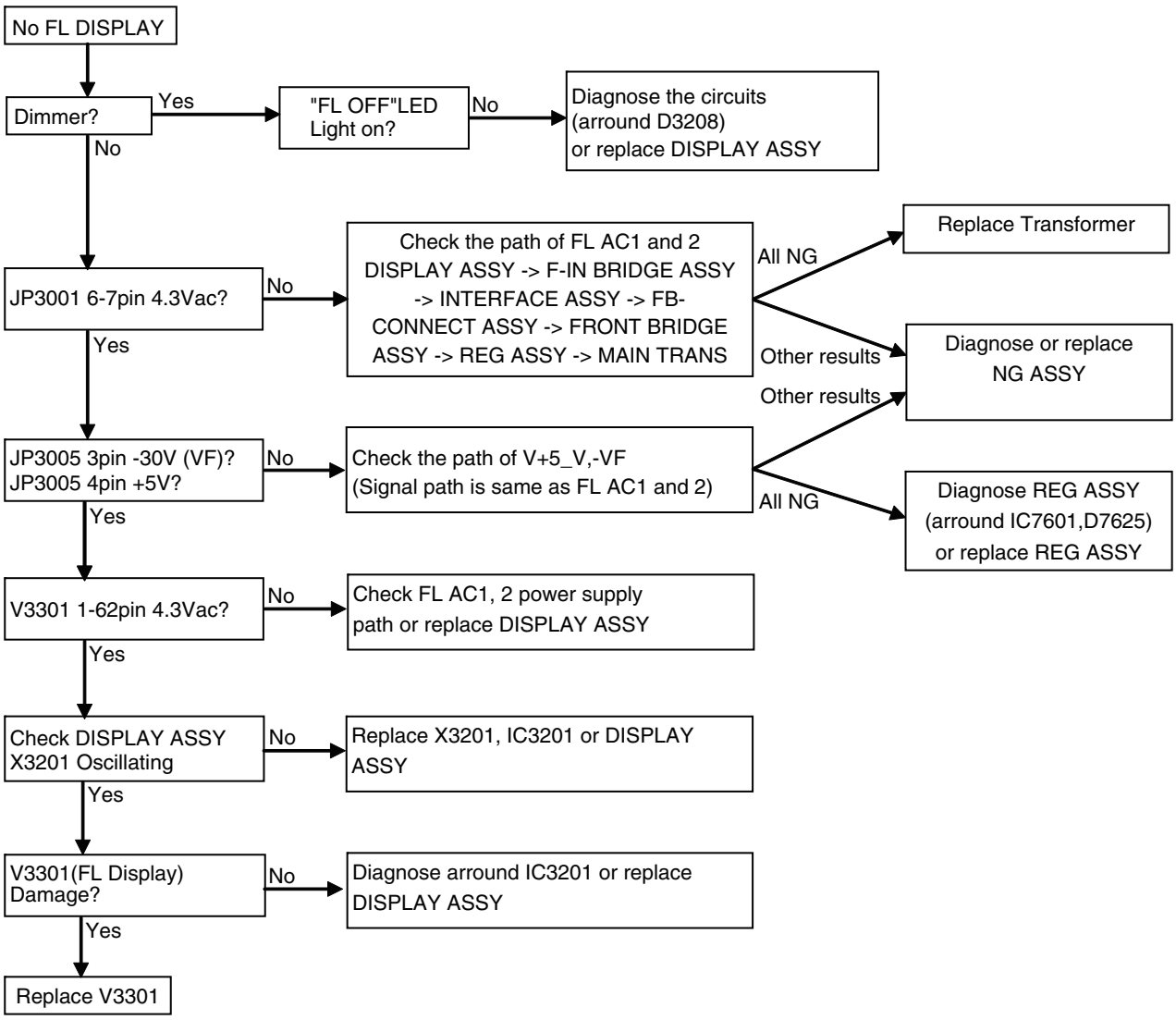
This is just for general reference and does not including every single case.




A
Check DISPLAY ASSY
IC3001 58pin (POWKEY)
H→L when press power key?
No
Check POWKEY signal path
Yes
Check DISPLAY ASSY
CN3001 26pin (DVCPOW)
L→H when press power key?
No
Check DVCPOW signal path
No Problem
Replace DISPLAY ASSY
or replace IC3001
Yes
Check DISPLAY ASSY
CN3001 1pin (ACRY)
L→H when press power key?
No
Check ACRY signal path
No Problem
Replace DISPLAY ASSY
or replace IC3001
Yes
Check PRIMARY ASSY
JP51 7pin (ACRY)
L→H when press power key?
No
Check ACRY signal path
DISPLAY→DISPLAY BRIDGE
→DIGITAL MAIN→PRIMARY ASSY
Yes
Does RY51 turn on
when press power key?
No
Check the circuits arround RY71
or replace PRIMARY ASSY
Yes
Check DIGITAL MAIN ASSY
CN601 14pin (DVCPOW)
L→H when press power key?
No
Check DVCPOW signal path
DISPLAY→DISPLAY BRIDGE
→DIGITAL MAIN ASSY
Yes
Diagnose or replace
DIGITAL MAIN ASSY

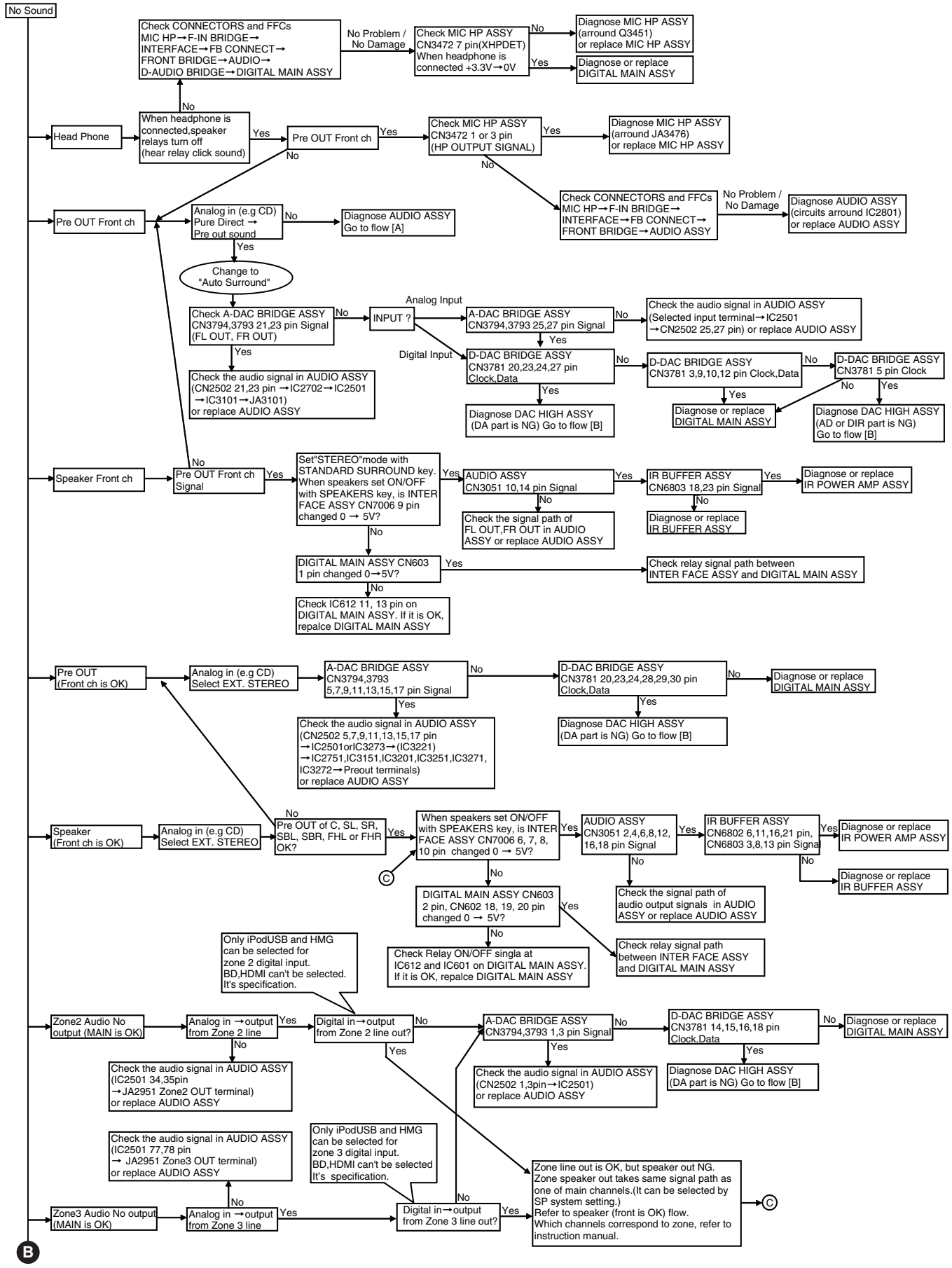
NO FL DISPLAY

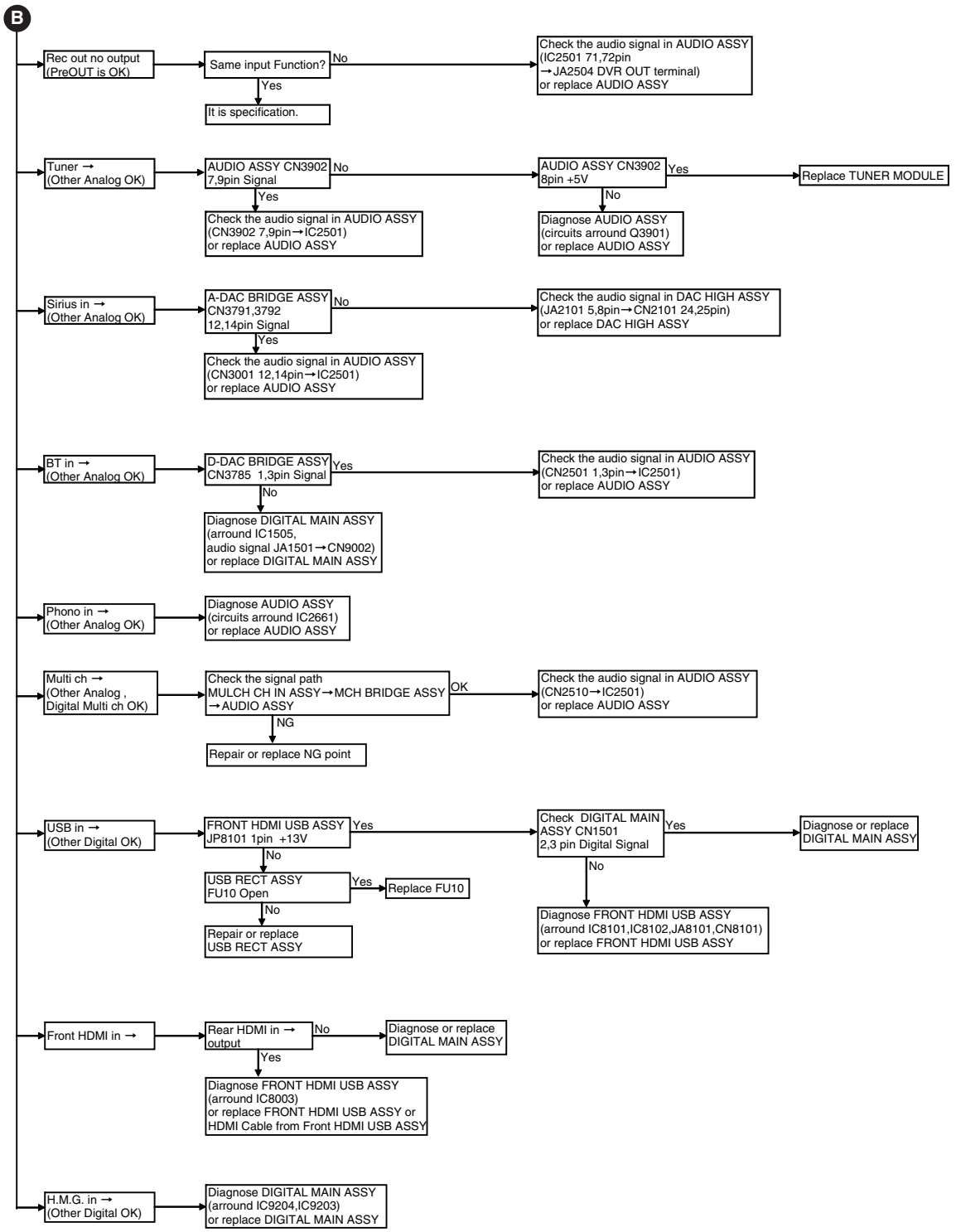
This is just for general reference and does not including every single case.

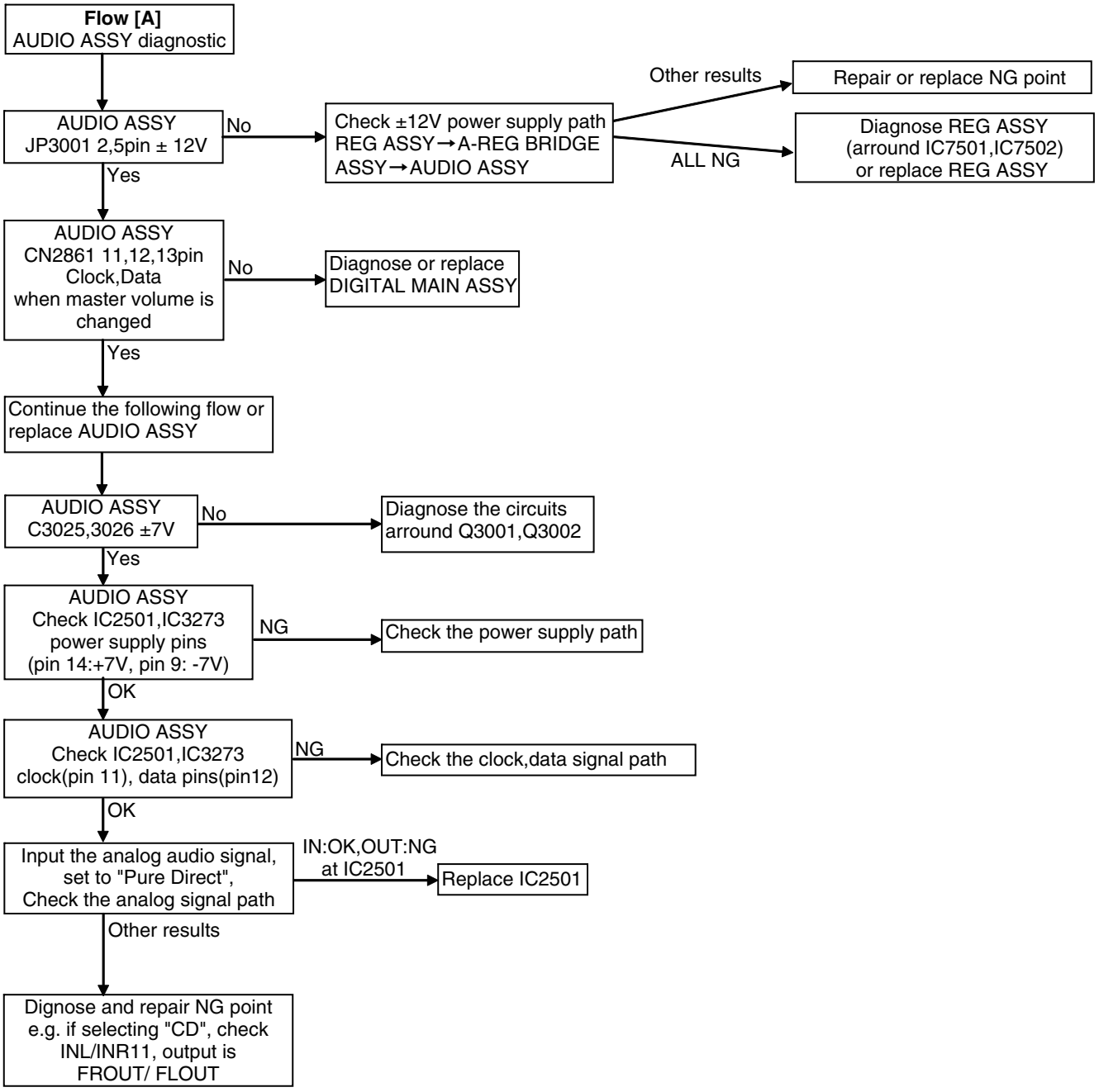


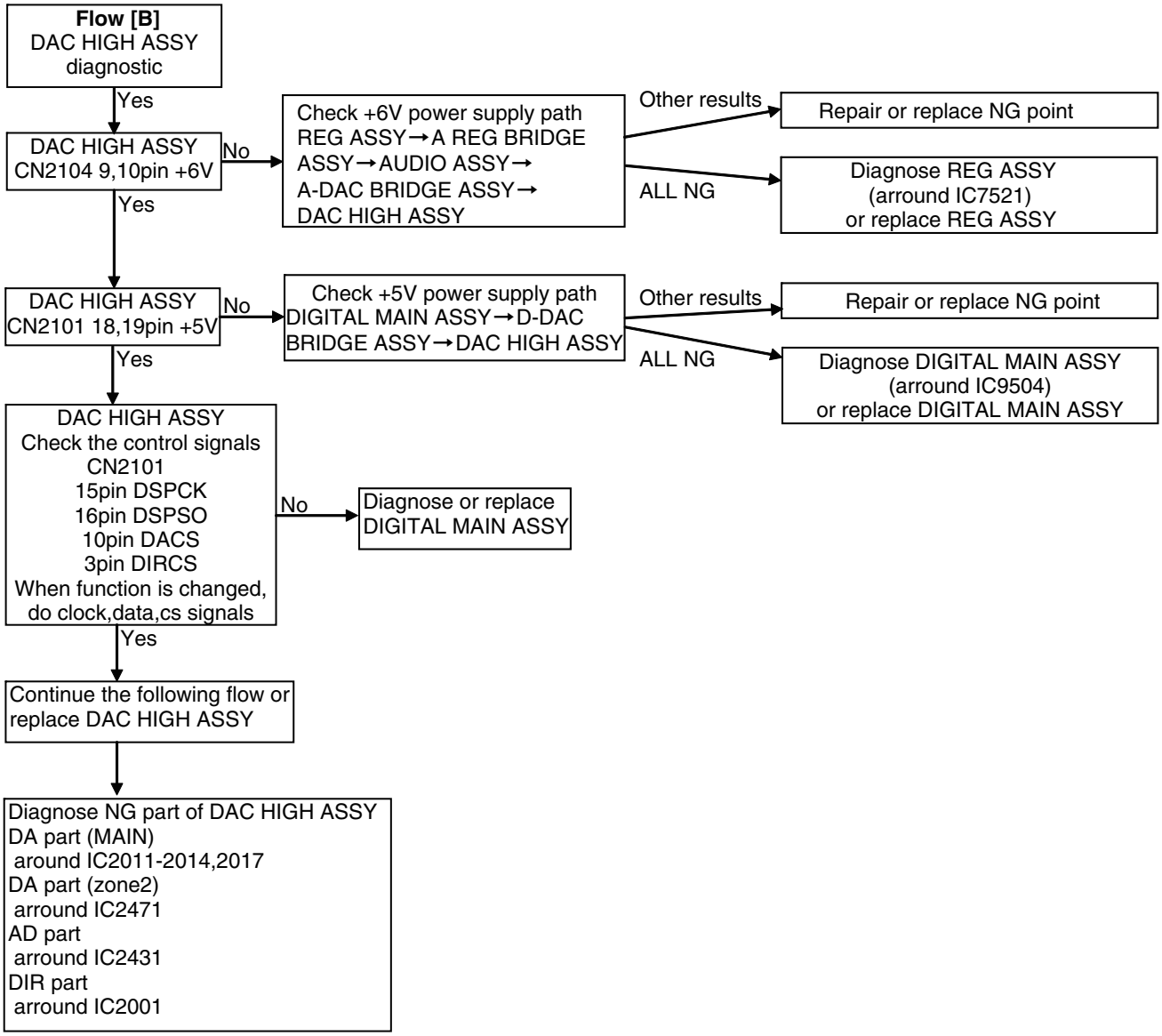
NO SOUND

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



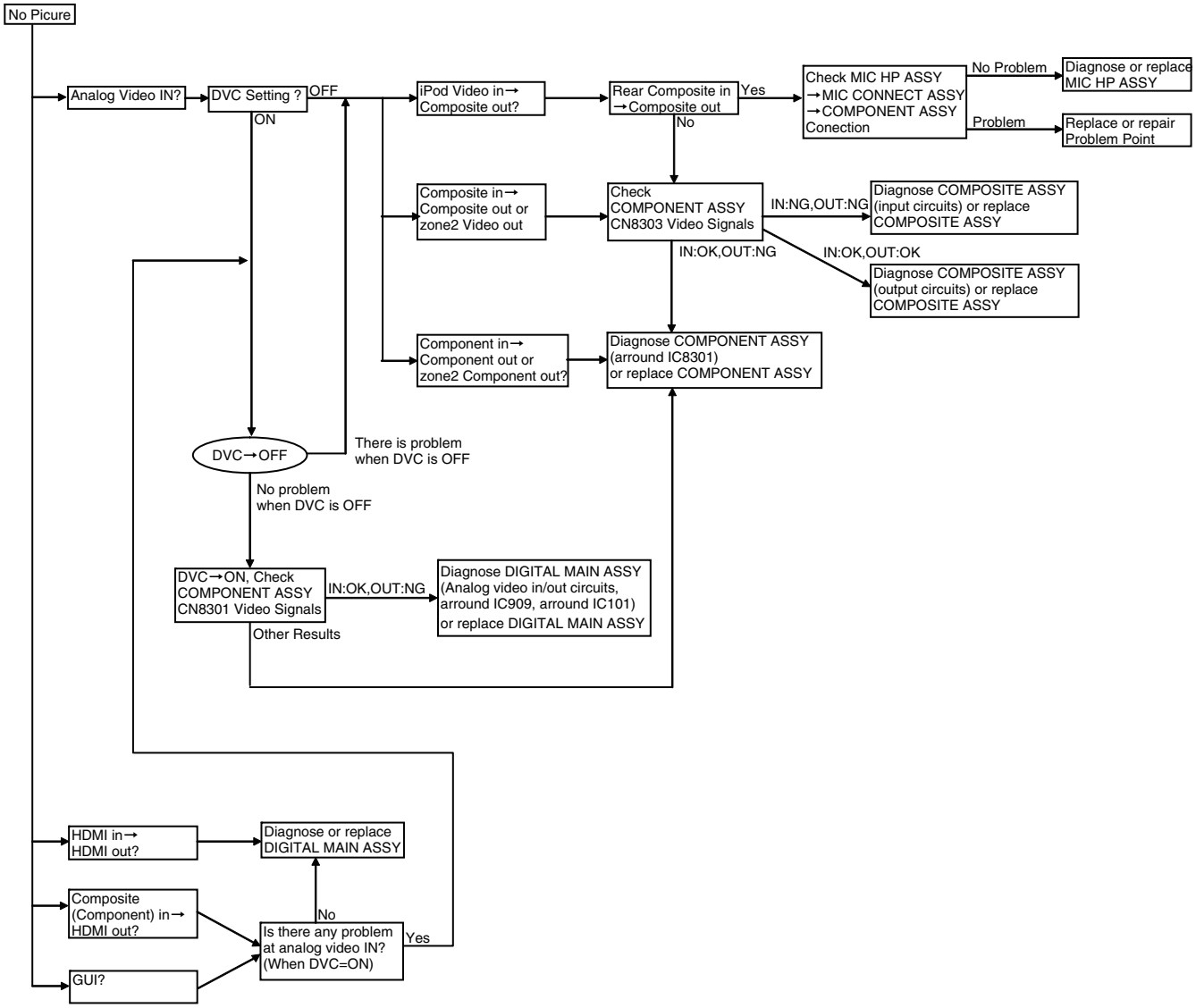

B
Rec out no output (PreOUT is OK)
Same input Function?
No
Yes
It is specification.
Check the audio signal in AUDIO ASSY (IC2501 71,72pin →JA2504 DVR OUT terminal) or replace AUDIO ASSY
Tuner → (Other Analog OK)
AUDIO ASSY CN3902 7,9pin Signal
No
Yes
Check the audio signal in AUDIO ASSY (CN3902 7,9pin→IC2501) or replace AUDIO ASSY
AUDIO ASSY CN3902 8pin +5V
Yes
Replace TUNER MODULE
No
Diagnose AUDIO ASSY (circuits arround Q3901) or replace AUDIO ASSY
Sirius in → (Other Analog OK)
A-DAC BRIDGE ASSY CN3791,3792 12,14pin Signal
No
Yes
Check the audio signal in AUDIO ASSY (CN3001 12,14pin→IC2501) or replace AUDIO ASSY
Check the audio signal in DAC HIGH ASSY (JA2101 5,8pin→CN2101 24,25pin) or replace DAC HIGH ASSY
BT in → (Other Analog OK)
D-DAC BRIDGE ASSY CN3785 1,3pin Signal
Yes
No
Diagnose DIGITAL MAIN ASSY (arround IC1505, audio signal JA1501→CN9002) or replace DIGITAL MAIN ASSY
Check the audio signal in AUDIO ASSY (CN2501 1,3pin→IC2501) or replace AUDIO ASSY
Phono in → (Other Analog OK)
Diagnose AUDIO ASSY (circuits arround IC2661) or replace AUDIO ASSY
Multi ch → (Other Analog , Digital Multi ch OK)
Check the signal path MULCH CH IN ASSY→MCH BRIDGE ASSY →AUDIO ASSY
OK
NG
Repair or replace NG point
Check the audio signal in AUDIO ASSY (CN2510→IC2501) or replace AUDIO ASSY
USB in → (Other Digital OK)
FRONT HDMI USB ASSY JP8101 1pin +13V
Yes
No
USB RECT ASSY FU10 Open
Yes
Replace FU10
No
Repair or replace USB RECT ASSY
Check DIGITAL MAIN ASSY CN1501 2,3 pin Digital Signal
Yes
Diagnose or replace DIGITAL MAIN ASSY
No
Diagnose FRONT HDMI USB ASSY (arround IC8101,IC8102,JA8101,CN8101) or replace FRONT HDMI USB ASSY
Front HDMI in →
Rear HDMI in → output
No
Yes
Diagnose or replace DIGITAL MAIN ASSY
Diagnose FRONT HDMI USB ASSY (arround IC8003) or replace FRONT HDMI USB ASSY or HDMI Cable from Front HDMI USB ASSY
H.M.G. in → (Other Digital OK)
Diagnose DIGITAL MAIN ASSY (arround IC9204,IC9203) or replace DIGITAL MAIN ASSY


Flow [A]
AUDIO ASSY diagnostic
AUDIO ASSY
JP3001 2,5pin ± 12V
No
Check ±12V power supply path
REG ASSY→A-REG BRIDGE
ASSY→AUDIO ASSY
Other results
Repair or replace NG point
ALL NG
Diagnose REG ASSY
(arround IC7501,IC7502)
or replace REG ASSY
Yes
AUDIO ASSY
CN2861 11,12,13pin
Clock,Data
when master volume is
changed
No
Diagnose or replace
DIGITAL MAIN ASSY
Yes
Continue the following flow or
replace AUDIO ASSY
AUDIO ASSY
C3025,3026 ±7V
No
Diagnose the circuits
arround Q3001,Q3002
Yes
AUDIO ASSY
Check IC2501,IC3273
power supply pins
(pin 14:+7V, pin 9: -7V)
NG
Check the power supply path
OK
AUDIO ASSY
Check IC2501,IC3273
clock(pin 11), data pins(pin12)
NG
Check the clock,data signal path
OK
Input the analog audio signal,
set to "Pure Direct",
Check the analog signal path
IN:OK,OUT:NG
at IC2501
Replace IC2501
Other results
Dignose and repair NG point
e.g. if selecting "CD", check
INL/INR11, output is
FROUT/ FLOUT


Flow [B]
DAC HIGH ASSY
diagnostic
Yes
DAC HIGH ASSY
CN2104 9,10pin +6V
No
Check +6V power supply path
REG ASSY→A REG BRIDGE
ASSY→AUDIO ASSY→
A-DAC BRIDGE ASSY→
DAC HIGH ASSY
Other results
Repair or replace NG point
ALL NG
Diagnose REG ASSY
(arround IC7521)
or replace REG ASSY
Yes
DAC HIGH ASSY
CN2101 18,19pin +5V
No
Check +5V power supply path
DIGITAL MAIN ASSY→D-DAC
BRIDGE ASSY→DAC HIGH ASSY
Other results
Repair or replace NG point
ALL NG
Diagnose DIGITAL MAIN ASSY
(arround IC9504)
or replace DIGITAL MAIN ASSY
Yes
DAC HIGH ASSY
Check the control signals
CN2101
15pin DSPCK
16pin DSPSO
10pin DACS
3pin DIRCS
When function is changed,
do clock,data,cs signals
No
Diagnose or replace
DIGITAL MAIN ASSY
Yes
Continue the following flow or
replace DAC HIGH ASSY
Diagnose NG part of DAC HIGH ASSY
DA part (MAIN)
around IC2011-2014,2017
DA part (zone2)
around IC2471
AD part
around IC2431
DIR part
around IC2001

NO PICTURE

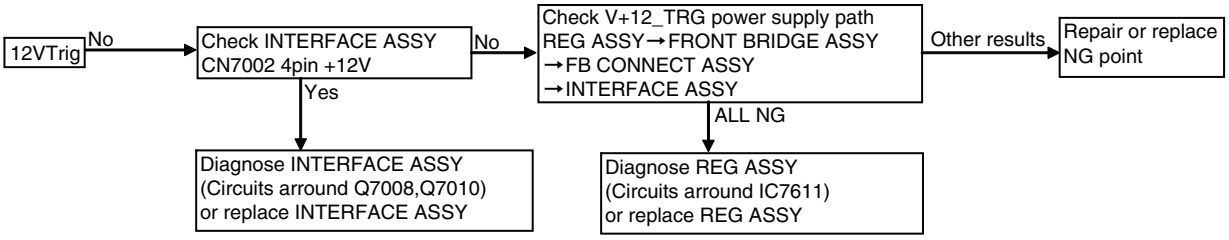
This is just for general reference and does not including every single case.



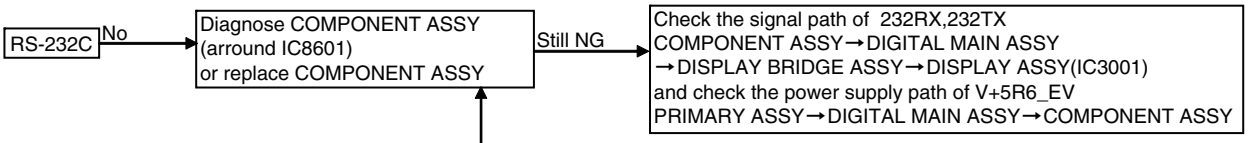
OTHER

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

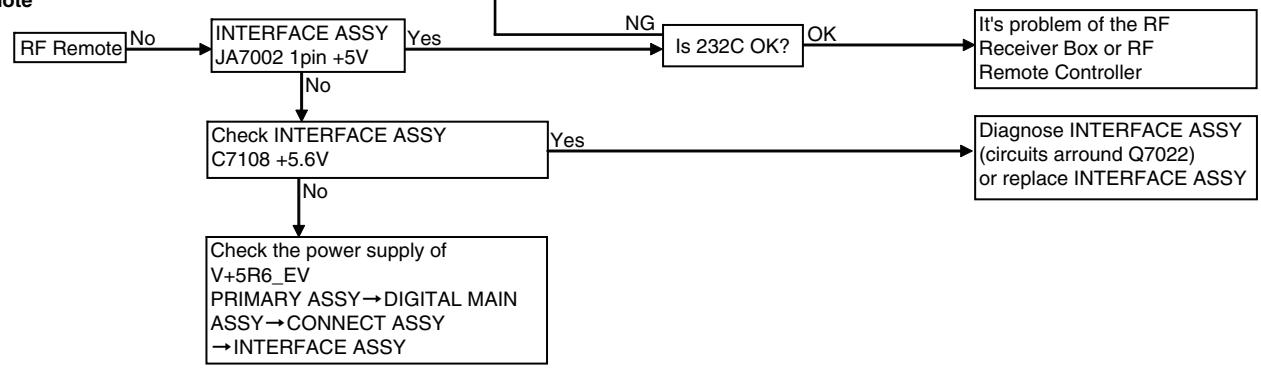
12V Trig



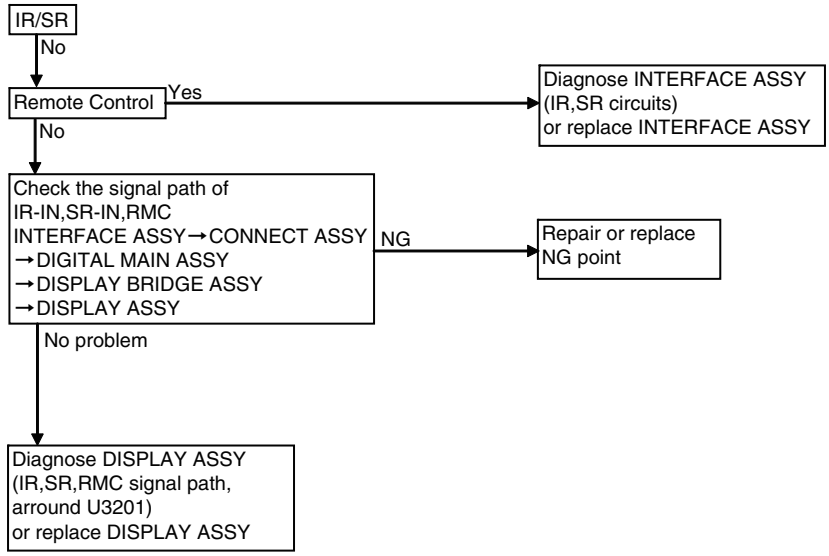
RS-232C



RF Remote

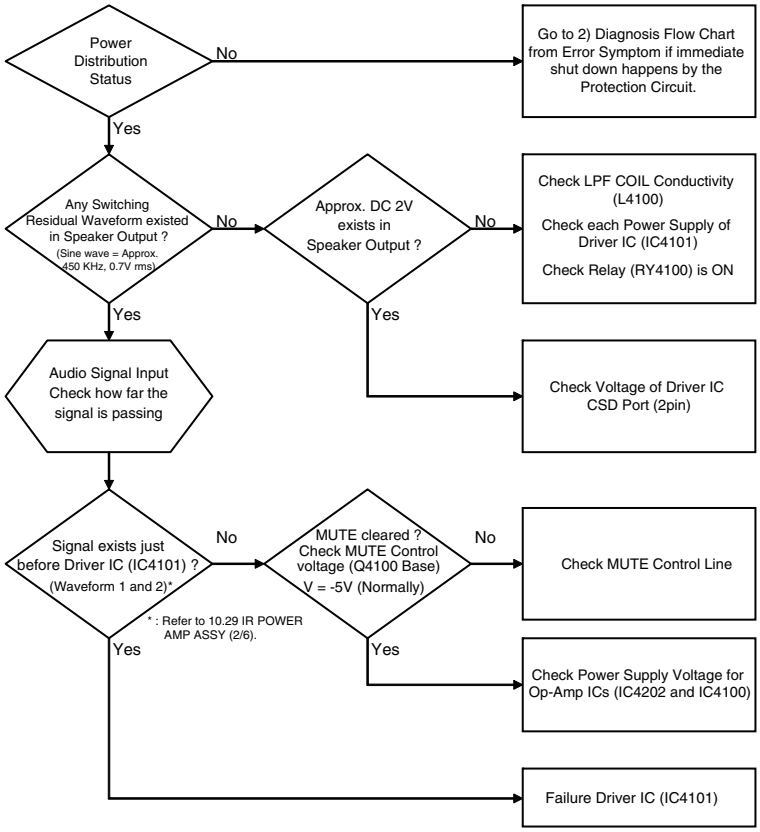


IR/SR



DIGITAL AMP BLOCK FLOWCHART

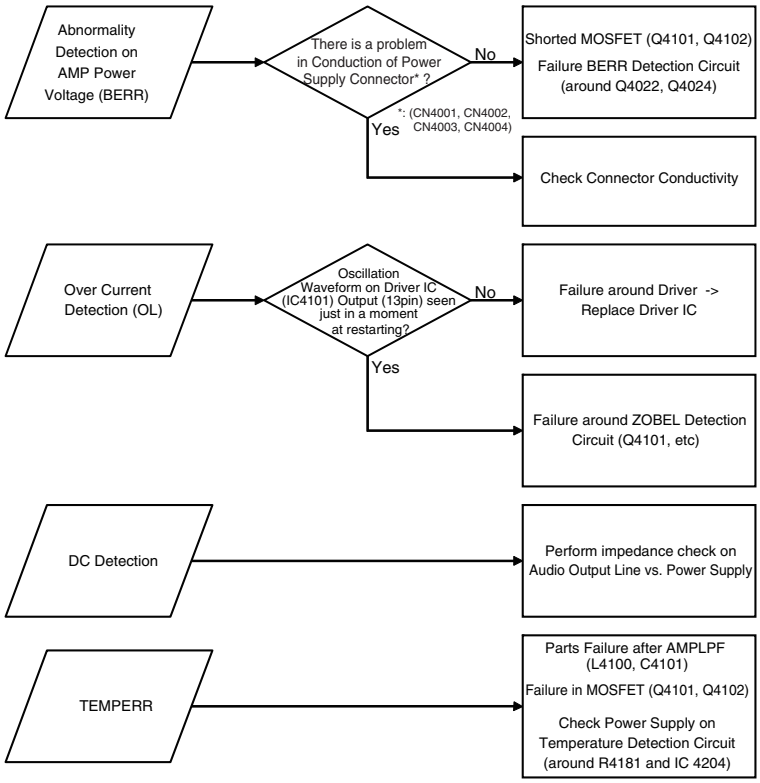
1) No Sound



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

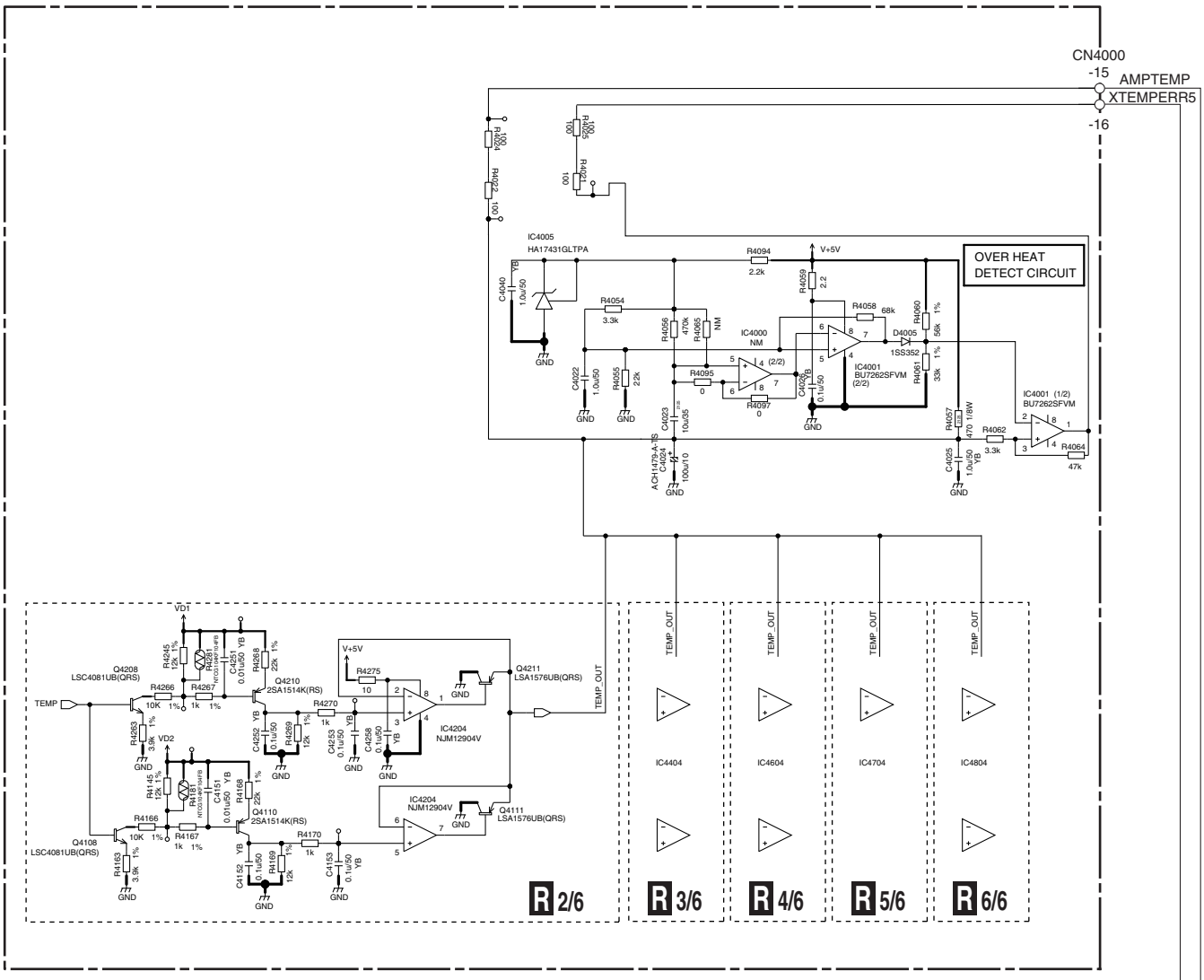
Item	Purpose	Detection Method	Status of Equipment	Warning Indication	Remarks
Overheat detection	Detects MOS FET temperature of amplifier output stage	Detects when TEMPERR PORT becomes "L" in case of the detecting temperature exceeds 95°C or rapid change by short cuicuit of speaker terminals. (IC3001 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 controling 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” .

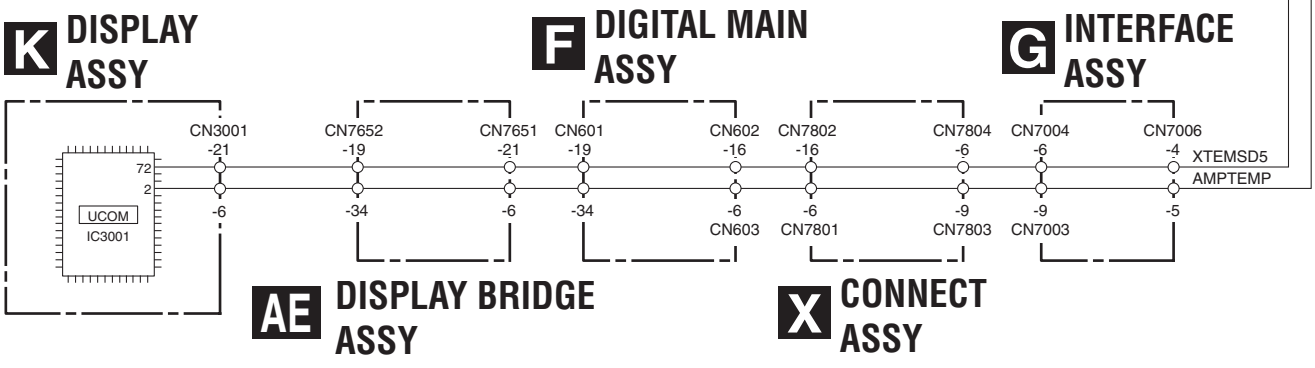
[How to Enter Release Mode]

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

Overheat Detection

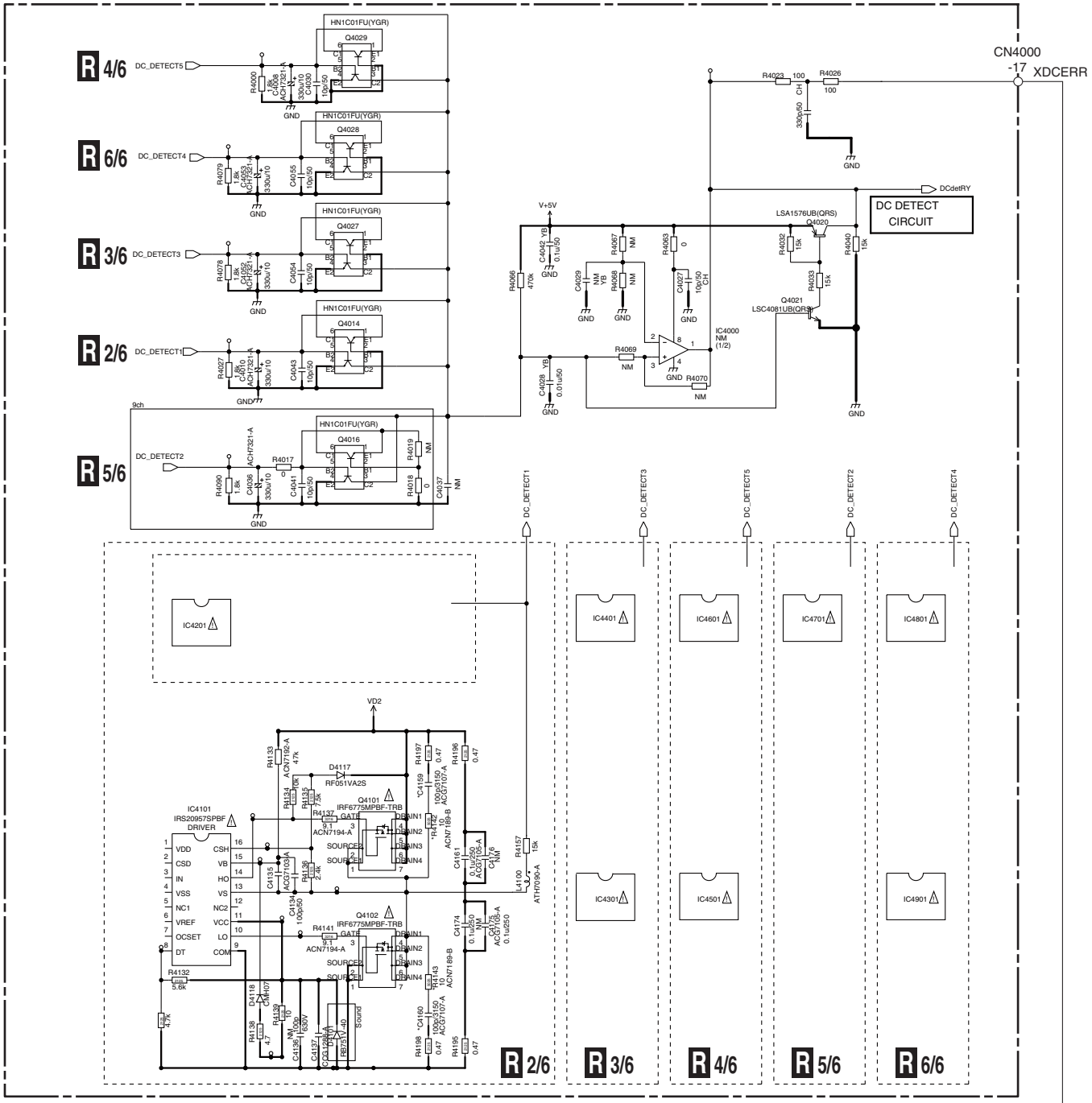
R IR POWER AMP ASSY





DC Detection

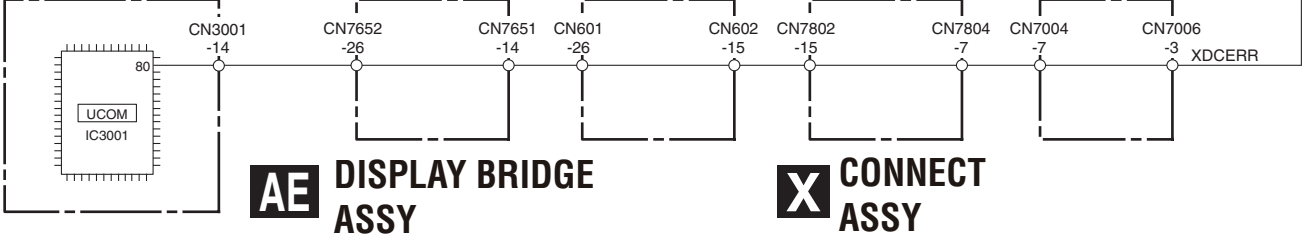
R IR POWER AMP ASSY



K DISPLAY ASSY

F DIGITAL MAIN ASSY

G INTERFACE ASSY

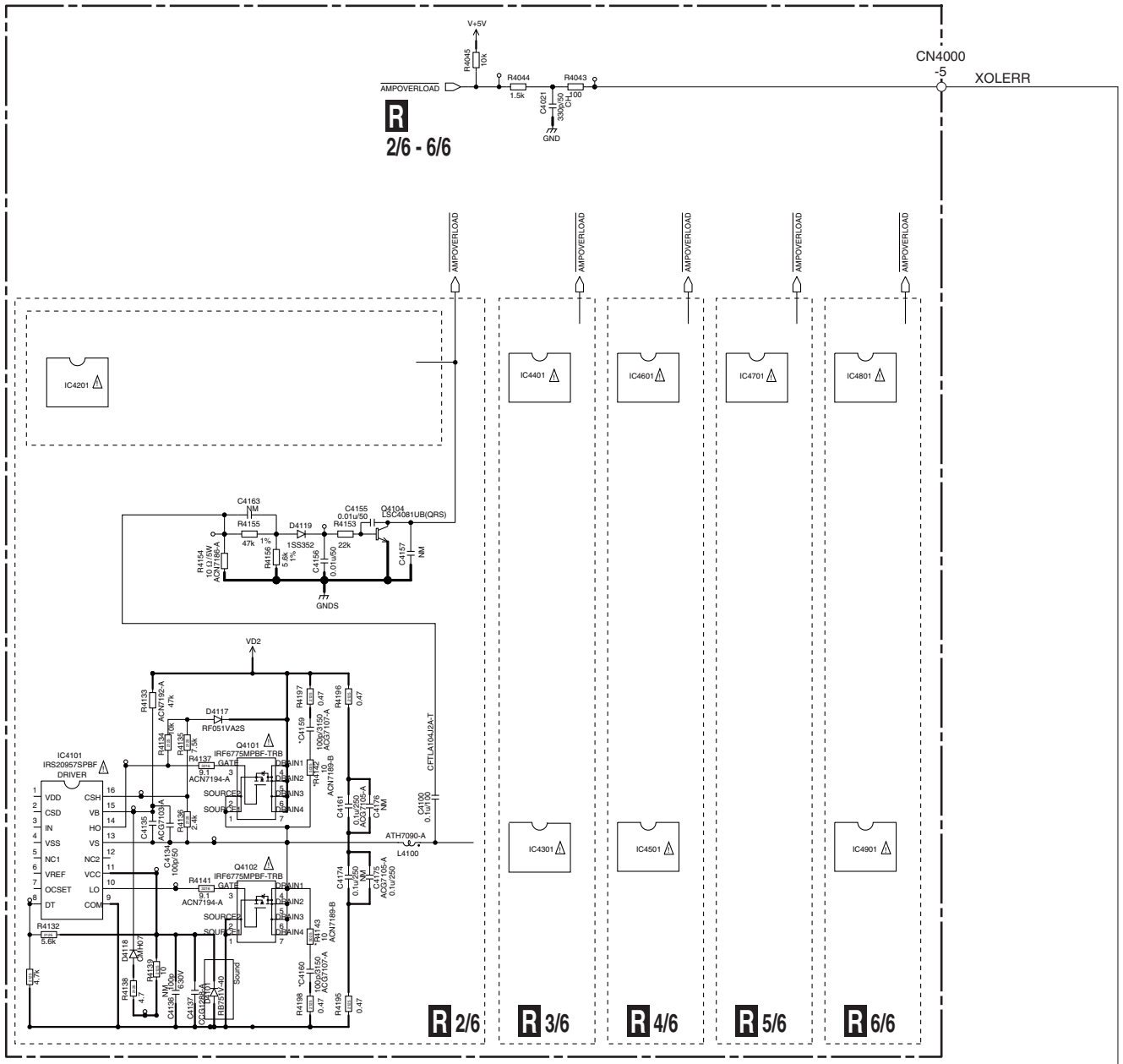


AE DISPLAY BRIDGE ASSY

X CONNECT ASSY

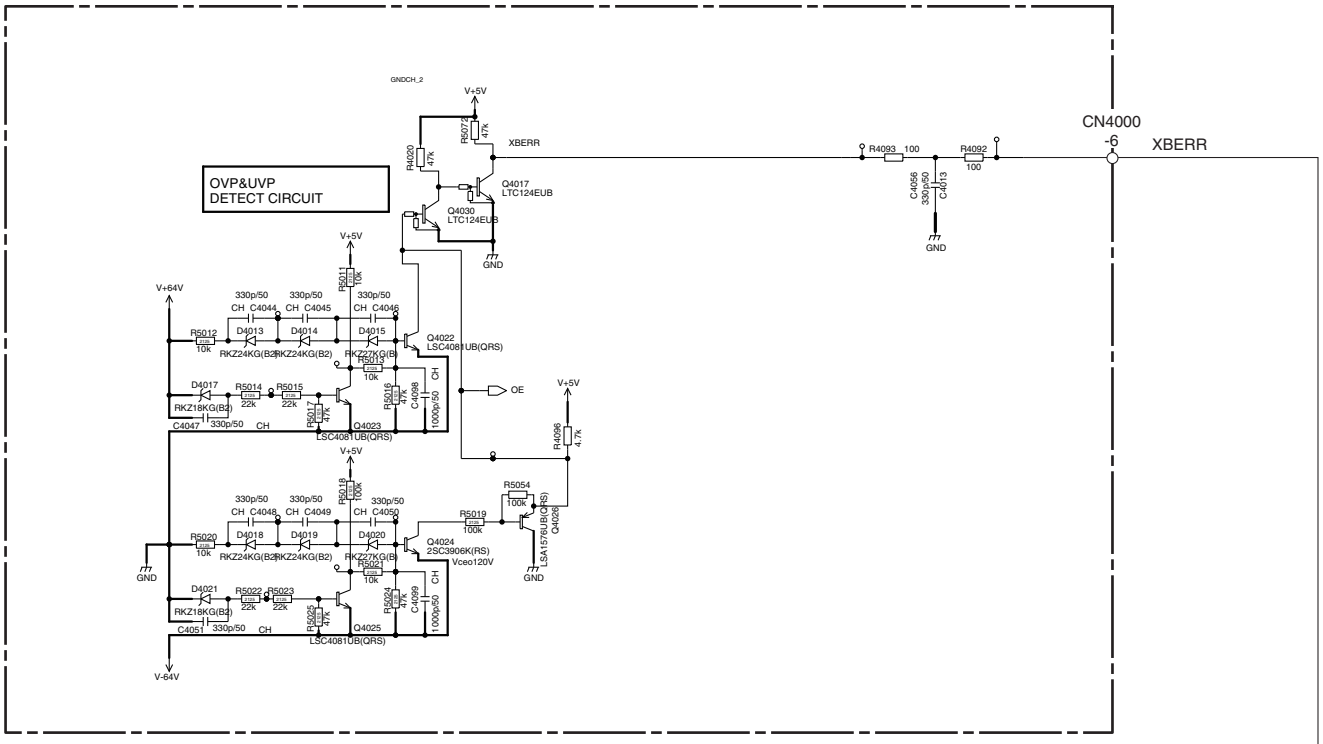
Zobel Detection
Over Current Detection of MOS FET in Output Stage

R IR POWER AMP ASSY

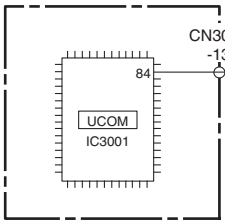


Amplifier Power Supply Failure Detection

R IR POWER AMP ASSY



K DISPLAY ASSY



F DIGITAL MAIN ASSY

G INTERFACE ASSY

CN3001 -13 — CN7652 -27 — CN7651 -13 — CN601 -27 — CN602 -17 — CN7802 -17 — CN7804 -5 — CN7004 -5 — CN7006 -14 — XBERR

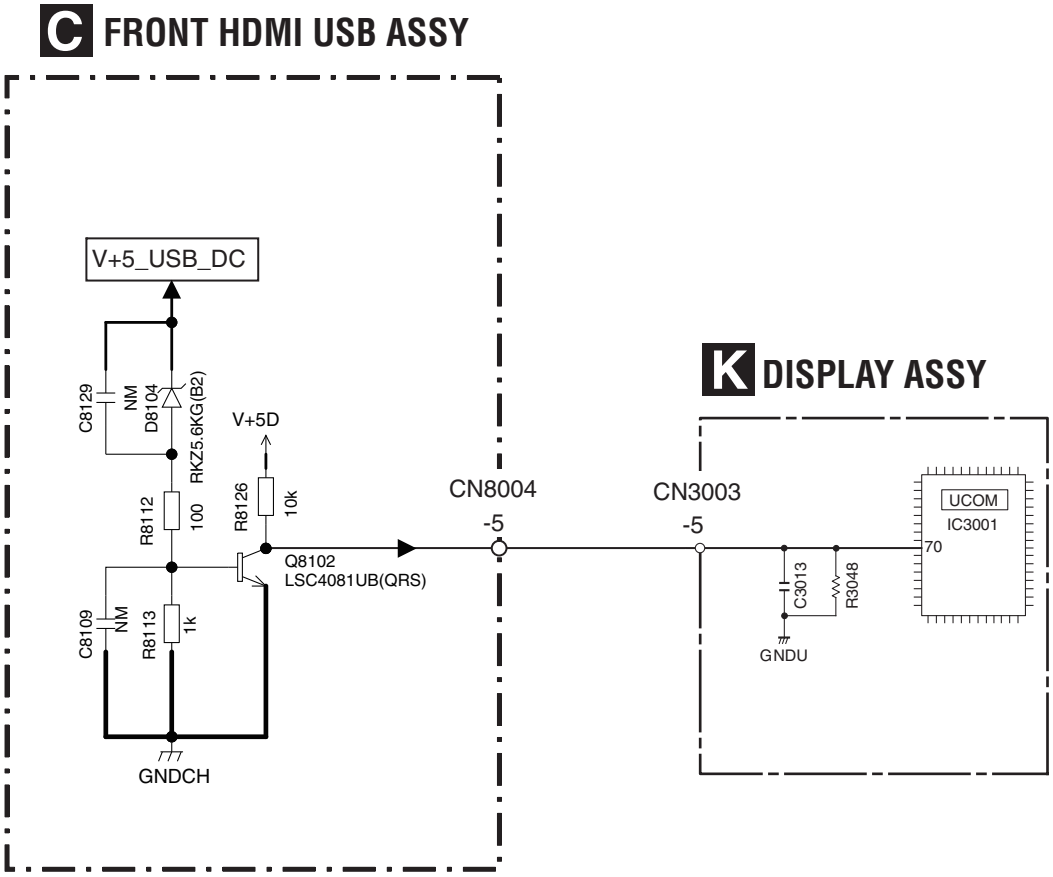
AE DISPLAY BRIDGE ASSY

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 abnormarlity 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.	

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.

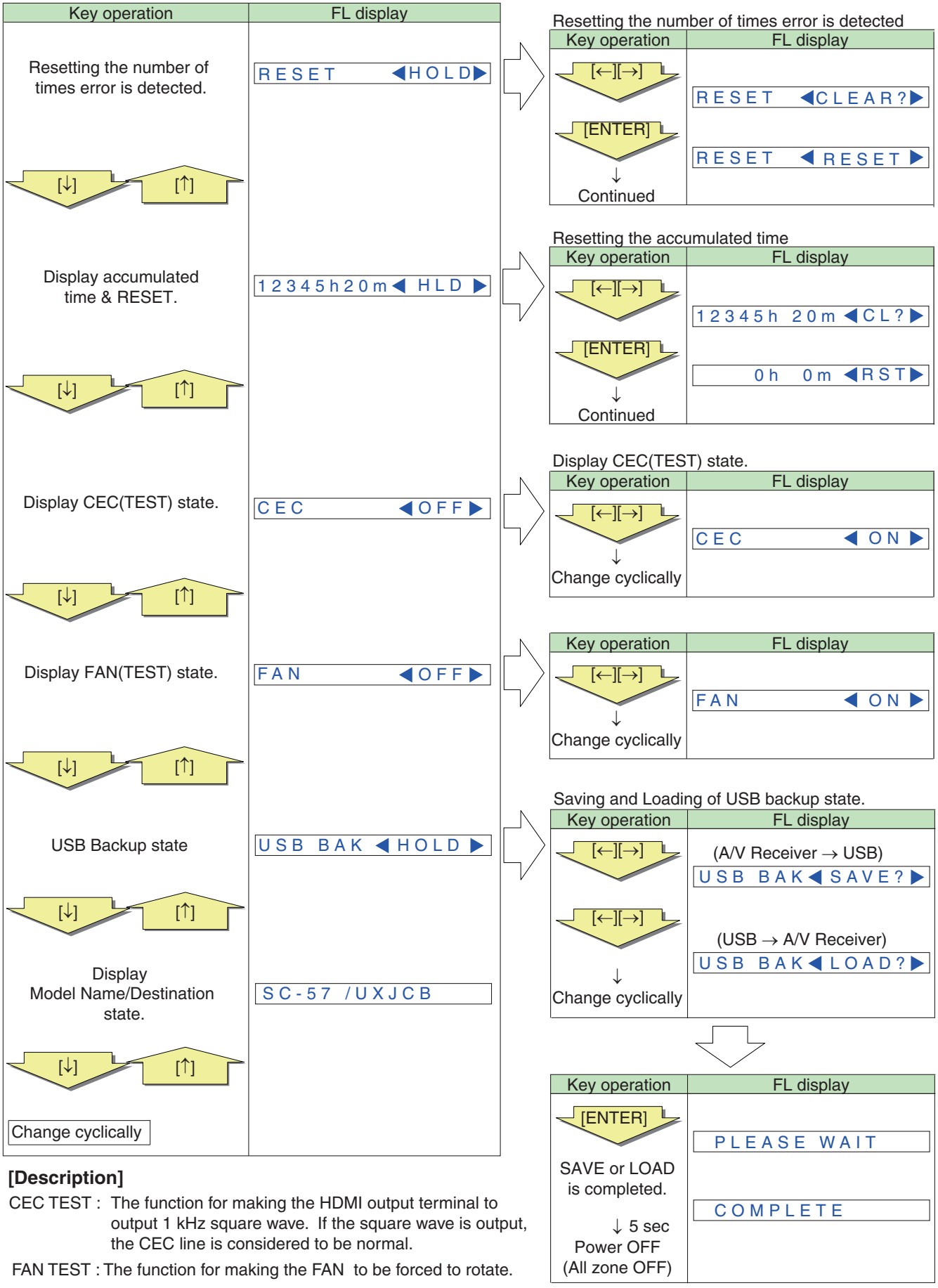
[Basic operations]

Key operation	FL display
Display number of times DC is detected.	D C : ＊＊＊
[↓] [↑]	
Display number of times OVERLOAD is detected.	O L : ＊＊＊
[↓] [↑]	
Display number of times COMBINATION is detected. (Detects DC and OVERLOAD simultaneously)	C O M : ＊＊＊
[↓] [↑]	
Display number of times FAN STOP is detected.	F A N : ＊＊＊
[↓] [↑]	
Display number of times AMP overheat is detected.	S T M P : ＊＊＊
[↓] [↑]	
Display number of times Digital Power abnormality is detected.	D E R R : ＊＊＊
[↓] [↑]	
Display number of times B REG power supply overheat is detected.	B T M P : ＊＊＊
[↓] [↑]	
Display number of times B REG power supply failure is detected.	B E R R : ＊＊＊
[↓] [↑]	

This function does not work on this model.

Front Panel Key

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



[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.

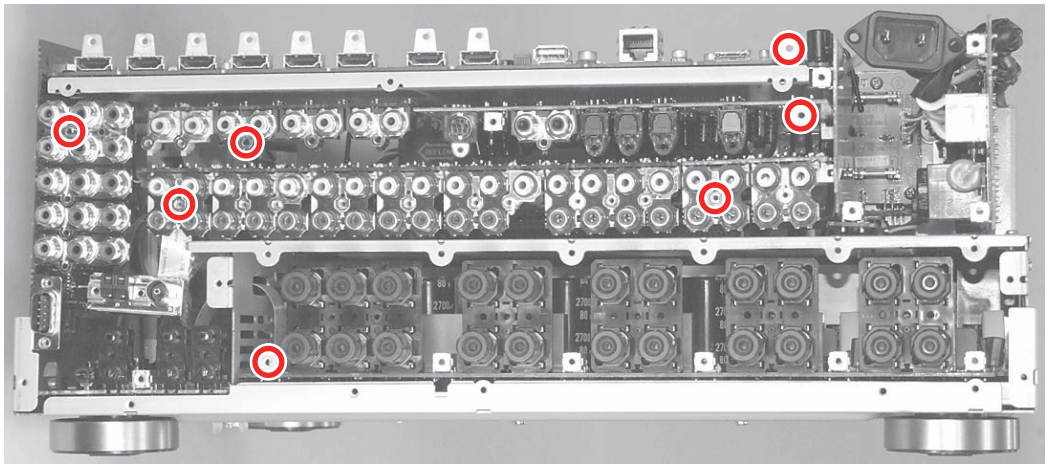
FAN TEST : The function for making the FAN to be forced to rotate.

7. DISASSEMBLY

Ground Points

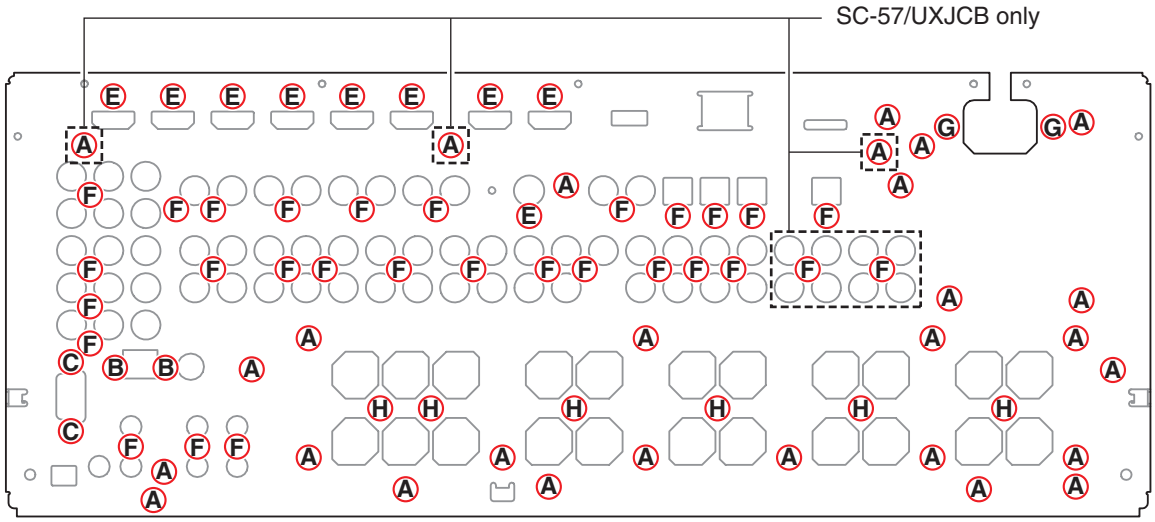
Note:

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

(A) ABA1011 	(B) ABA1207 	(C) ABA7078 	(D) BBZ30P060FCC 
(E) BMZ30P040FTB 	(F) BPZ30P080FTB 	(G) CBZ30P080FTB 	(H) BPZ30P100FTC 



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.

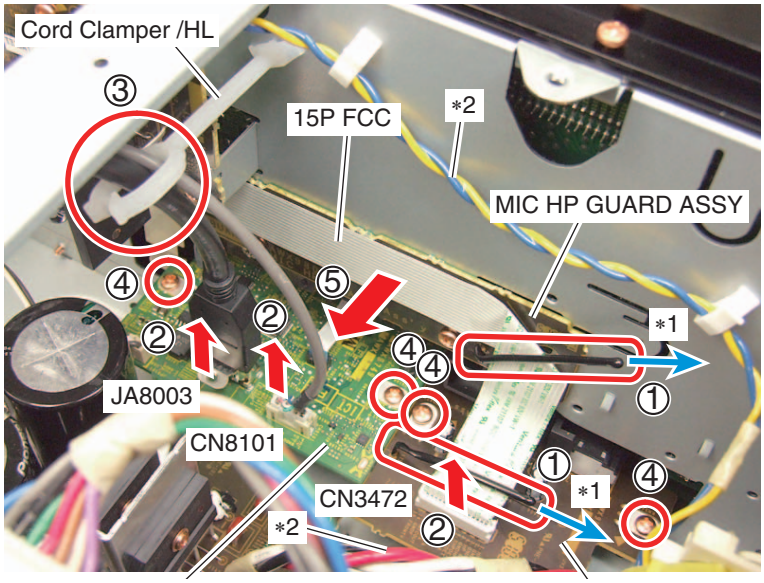
Note: 15P FCC (ADD7745) is affixed with the double side tape (10 x 110mm).

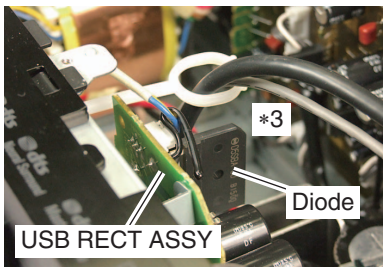
Notes on assembling

∗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.





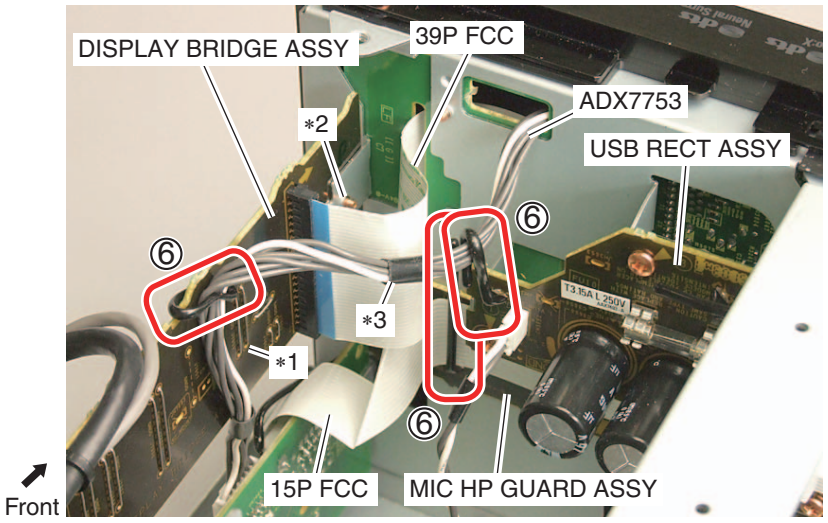
(6) Release the jumper wires from the three PCB binders.

Notes on assembling

∗1: Jumper wire (ADX7753: from DISPLAY ASSY) don't touch J7657 and J7904 for the DISPLAY BRIDGE ASSY.

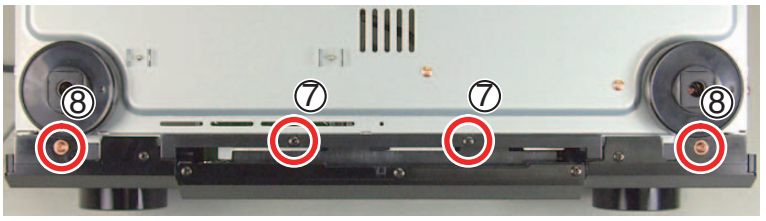
∗2: Don't touch the 39P FFC (ADD7753) to a top of screw.

∗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)

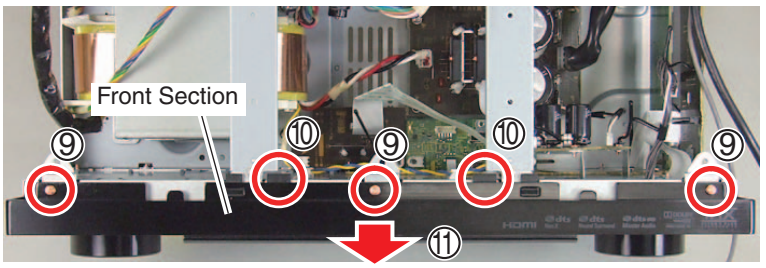


• Bottom view

(9) Remove the three screws. (BBT30P080FCC)

(10) Unhook the two hooks.

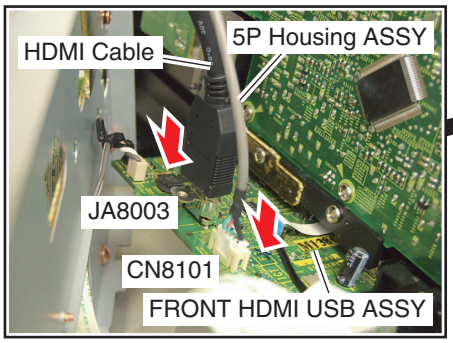
(11) Remove the Front Section.

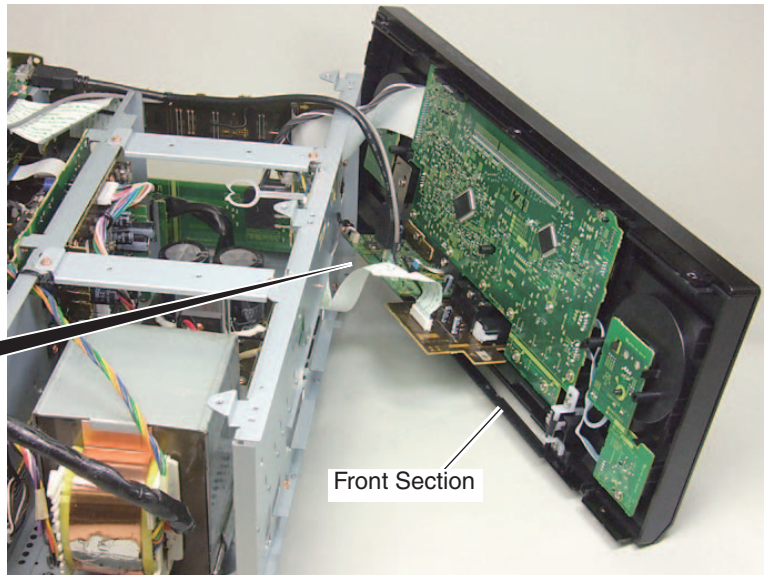


• Top view

[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)

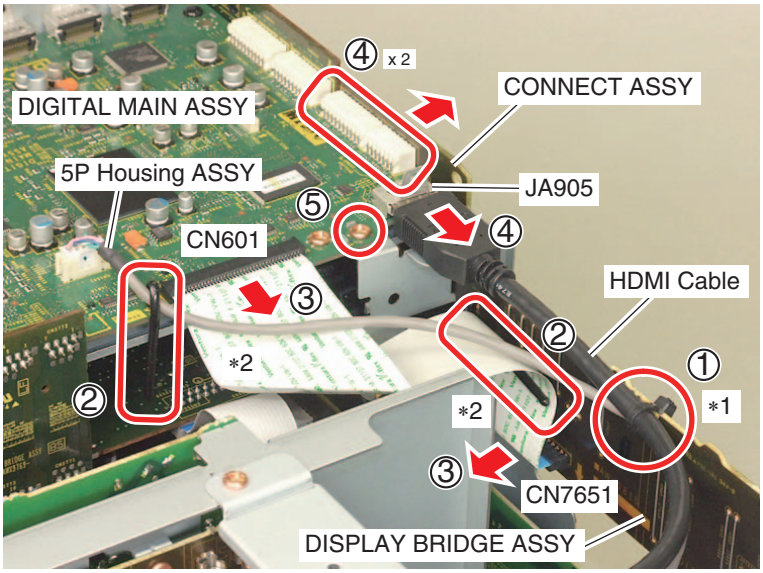
Notes on assembling

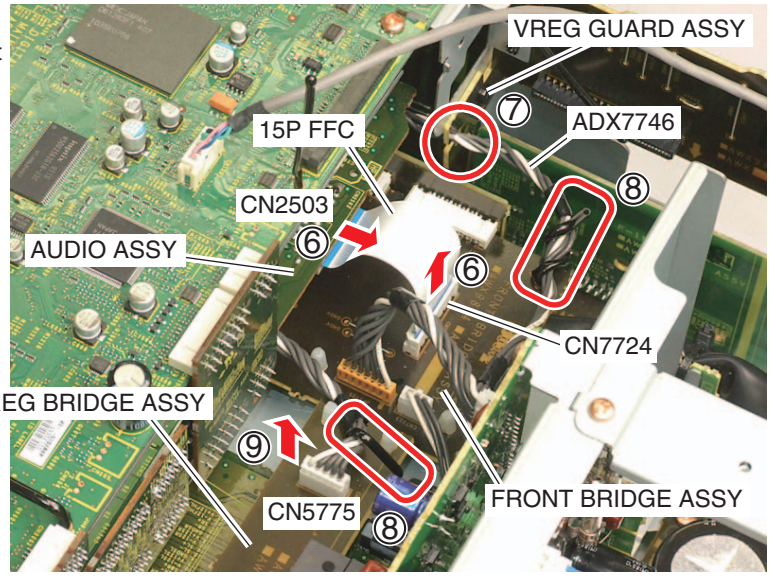
∗1: HDMI Cabel and 5P Housing ASSY (ADX7748) bind together inside.
∗2: Attention to style cables as shown in the photo.

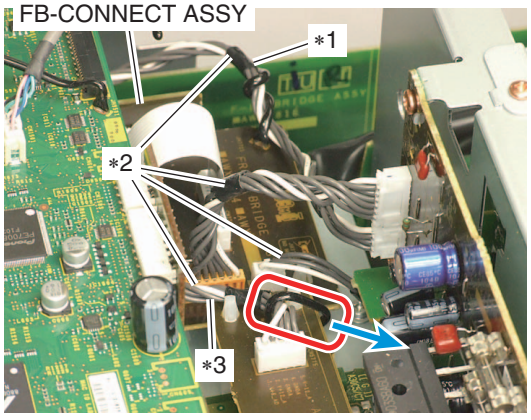
(6) Remove the 15P FFC (ADD7725) by disconnect the two connectors.
(7) Release the jumper wire (ADX7746: from COMPONENT ASSY) from hook of the VREG GUARD ASSY.
(8) Release the jumper wires from two PCB binders.
(9) Disconnect the connector.

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) .



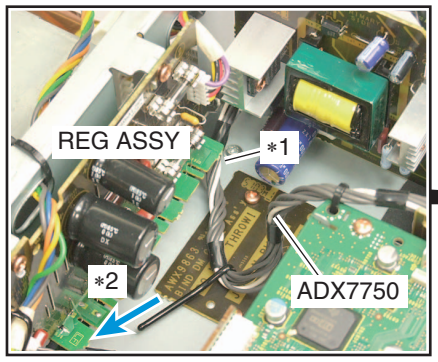


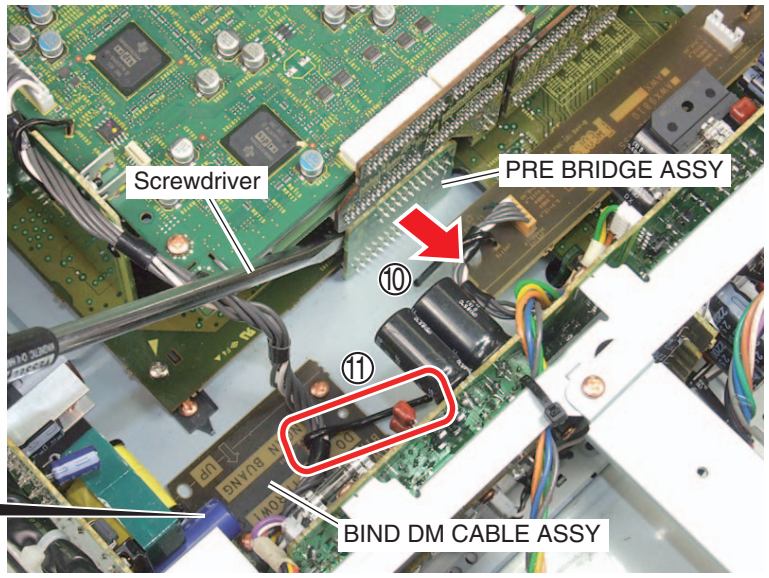


(10) Remove the PRE BRIDGE ASSY.
(11) Release the jumper wire (ADX7750: from PRIMARY ASSY) from PCB binder.

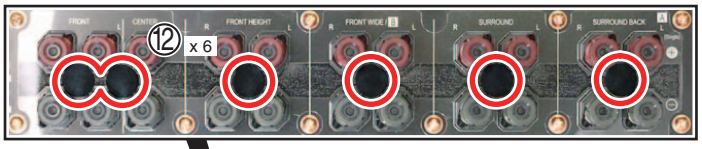
Notes on assembling

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

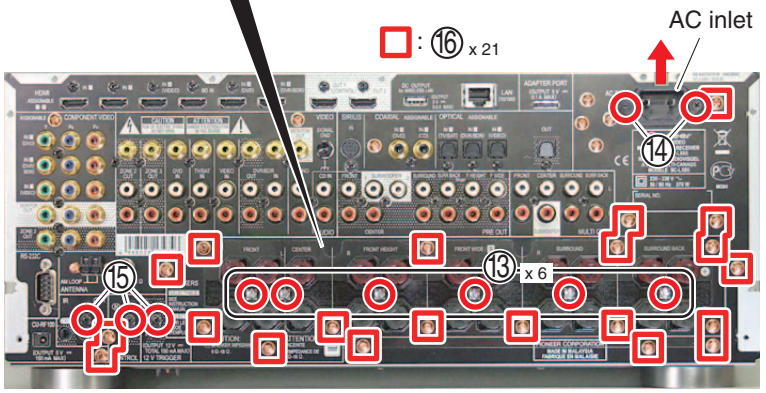




(12) Remove the six Cushion Circle 14B.



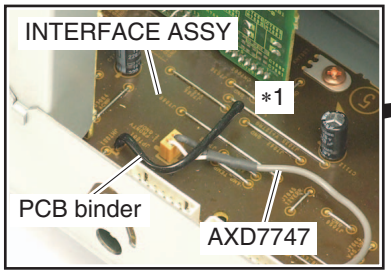
(13) Remove the six screws. (BPZ30P100FTC)
(14) Remove the AC inlet by removing the two screws. (CBZ30P080FTB)
(15) Remove the three screws. (BPZ30P080FTB)
(16) Remove the 21 screws. (ABA1011)
(17) Remove the Rear Section.

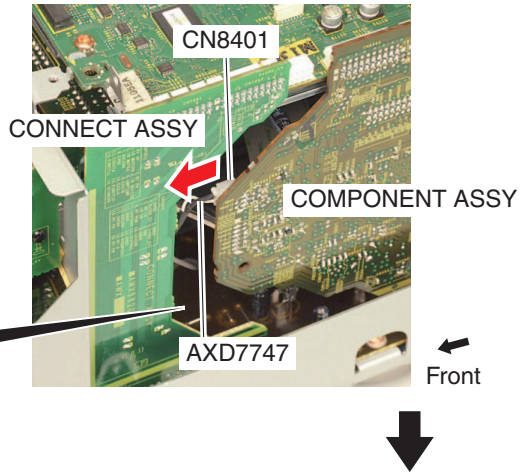


Note: Also disconnect the jumper wire (ADX7747: from INTERFACE ASSY) from the COMPONENT ASSY.

Note on assembling

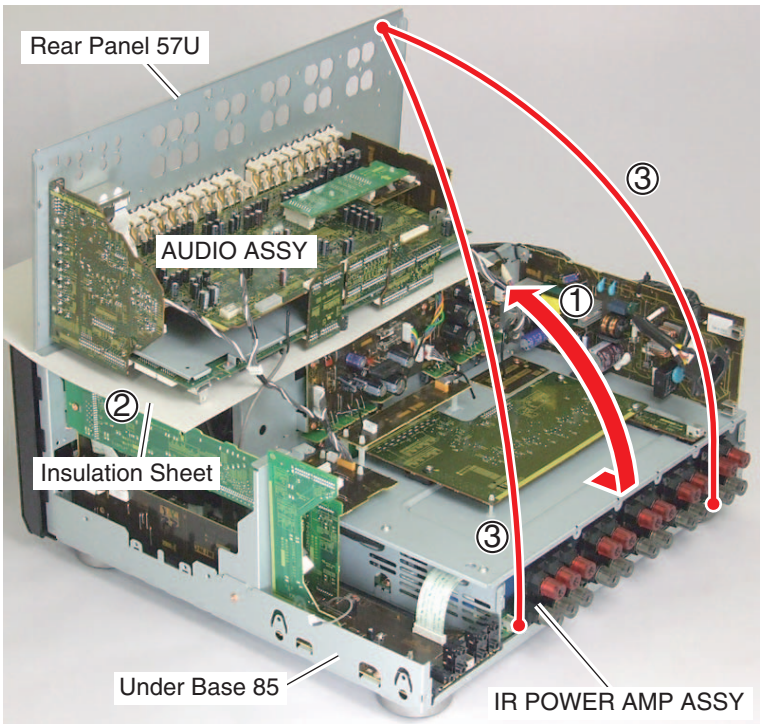
∗1: Bind jumper wire (ADX7747: from INTERFACE ASSY), using the PCB binder.





[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.)

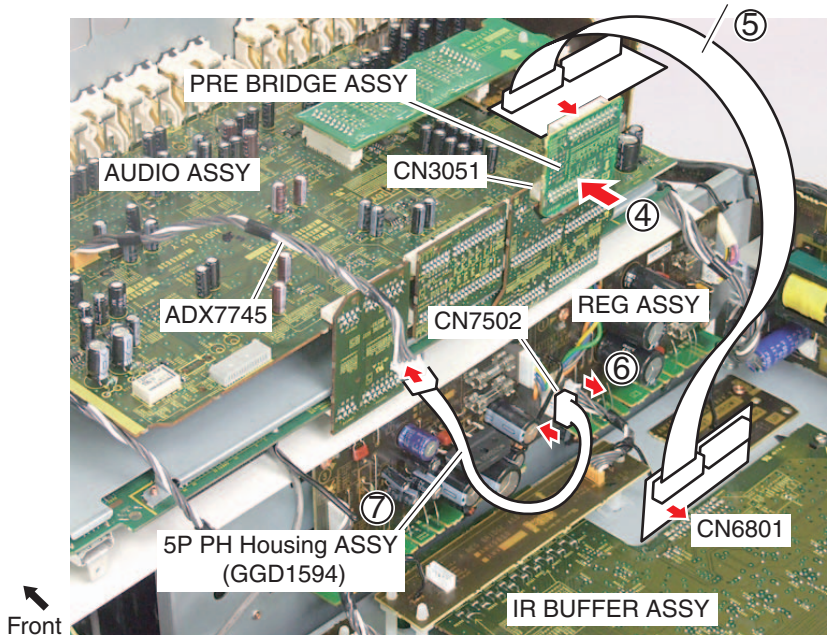


23P + 23P board to board extension jig cable (GGD1761)

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

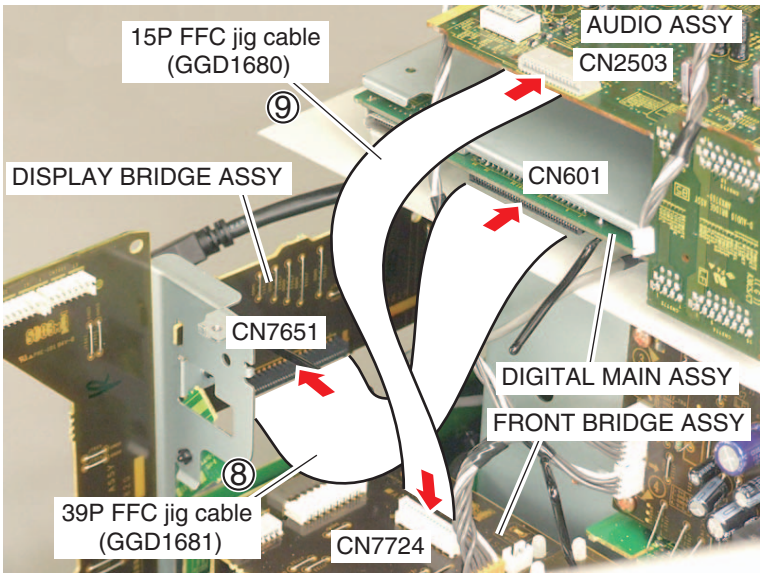
Note: In case of using GGD1761 with the this condition, only using a left side connector on the jig board.

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



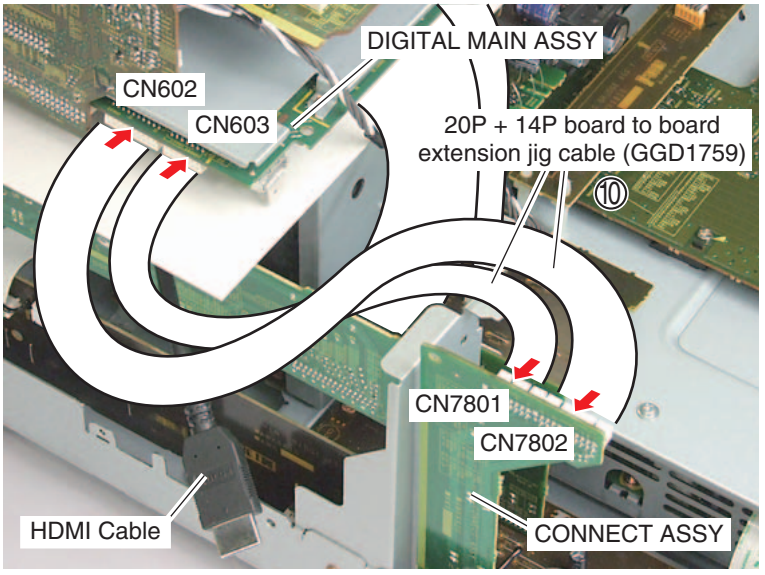
(8) Connect the 39P FCC jig cable. (GGD1681)
(DIGITAL MAIN CN601 <-> DISPLAY BRIDGE CN7651)

(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.

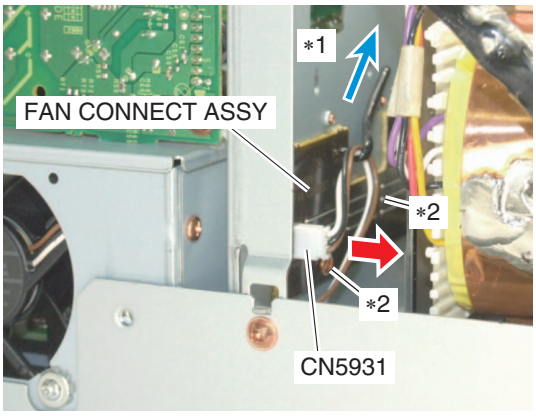


Note2: When diagnosing, it is not necessary to connect FAN cable (FAN CONNECT ASSY: CN5931).

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

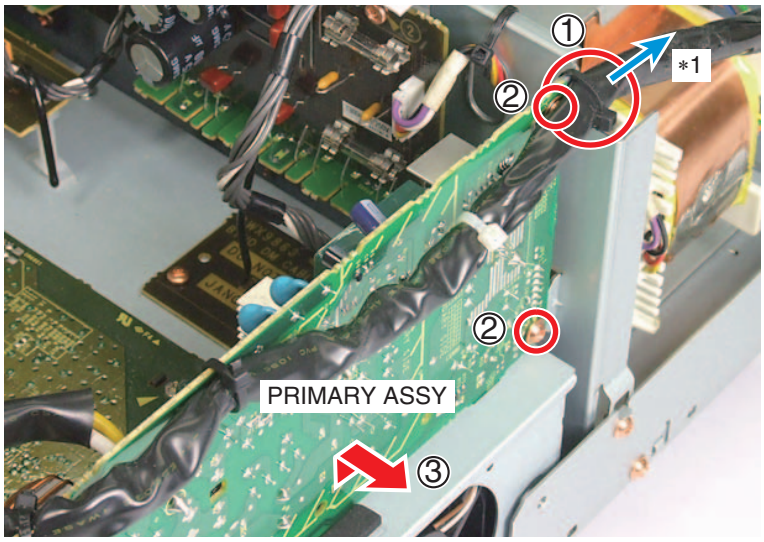
Remove the Rear Section.
(Refer to the **"[2] Rear Section"**)

[3-1] IR Cover 85

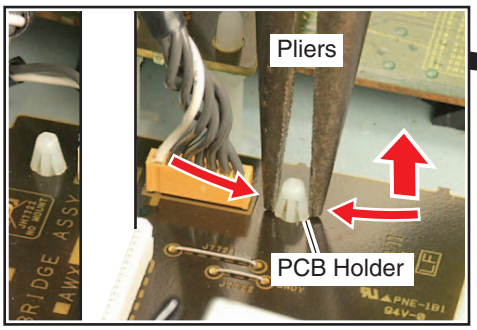
(1) Cut the Binder.
(2) Remove the two screws. (ABA1011)
(3) Remove the PRIMARY ASSY.

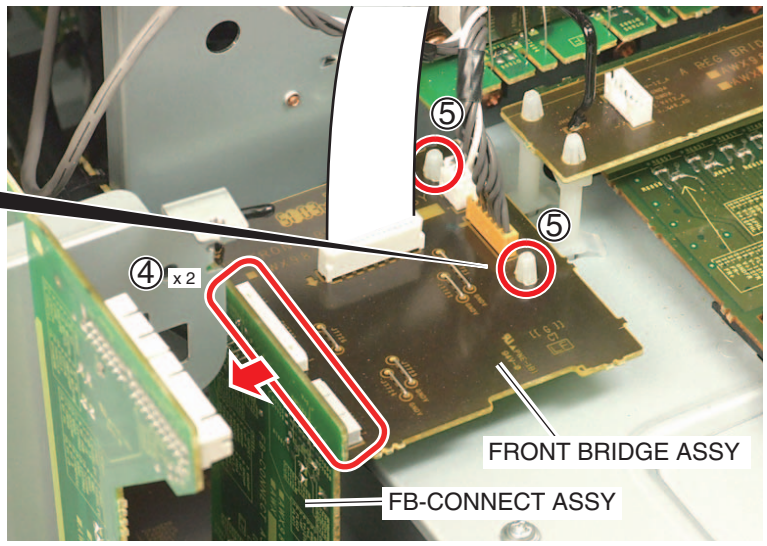
Note on assembling

∗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.

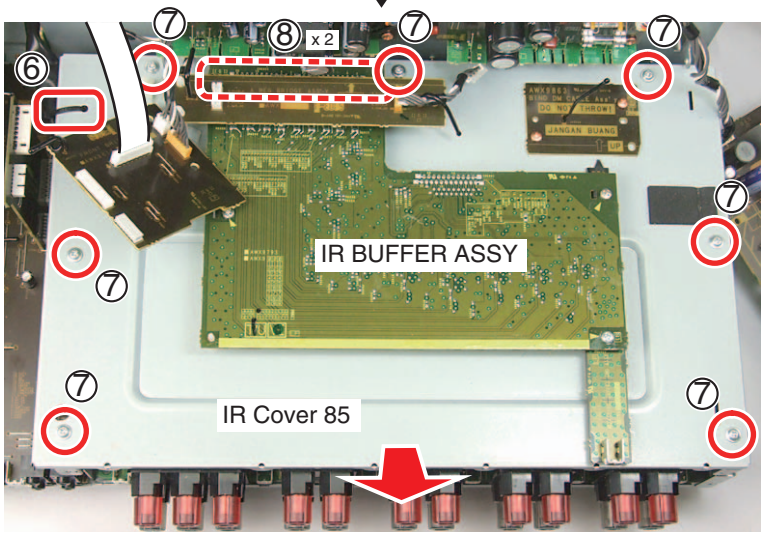




(6) Cut the Binder.
(7) Remove the seven screws. (AMZ30P060FTC)
(8) Disconnect the two connectors and then remove the IR Cover 85 (with four assys).

Note on assembling :

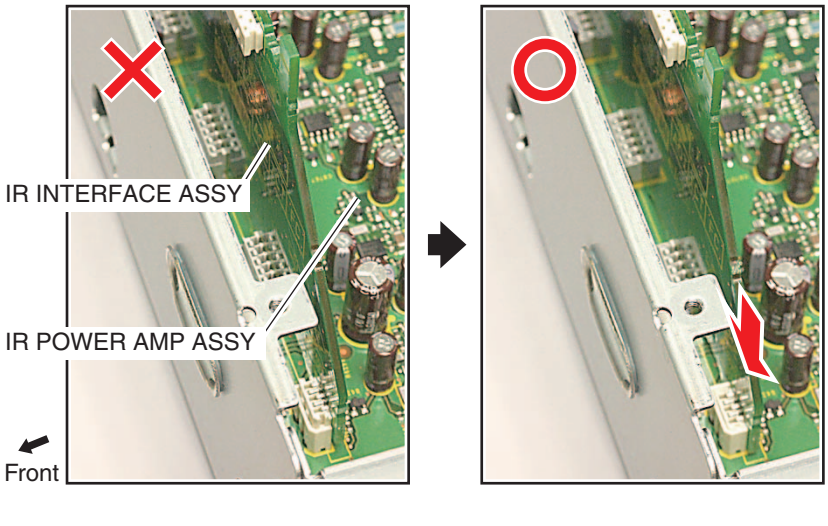
To attach the IR Cover 85 in the correct position, refer to step (9) and subsequent steps in it, **"Assembling of IR Amplifier Block"**.



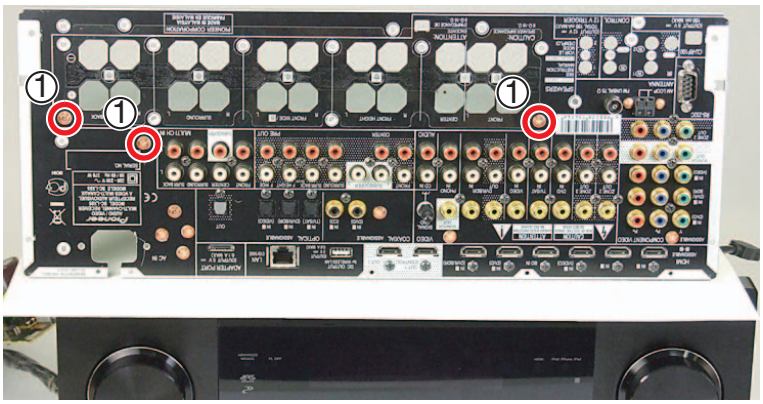
[3-2] Diagnosis

Note 1: Rear Section should be set diagnosis condition with extention 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"**.)

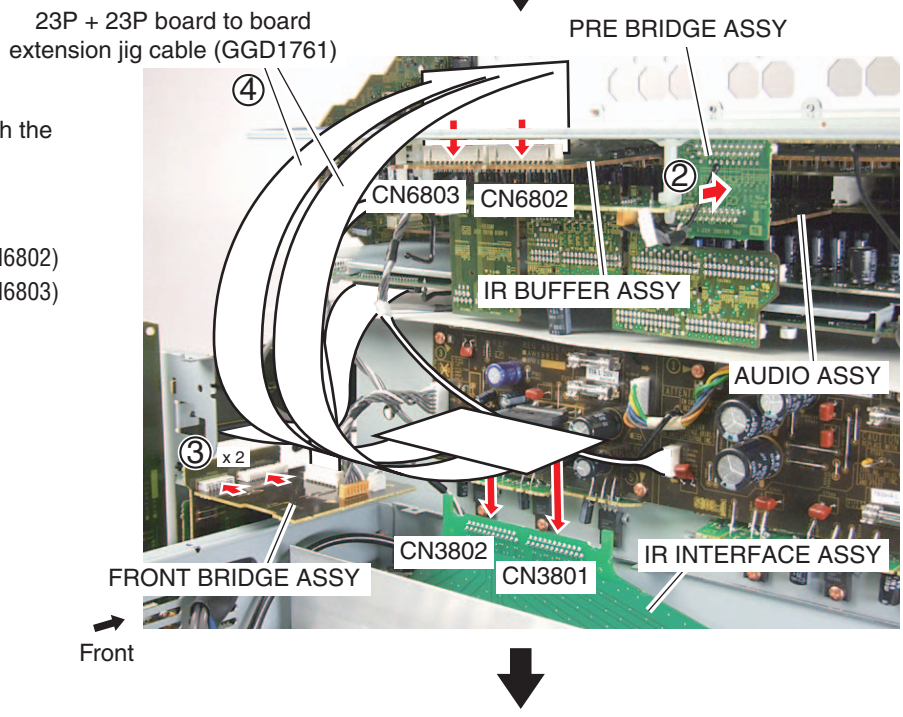
Note 2: If the IR BUFFER ASSY is removed, the connectors of IR INTERFACE ASSY may be loosened.
Attach the connectors securely.



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

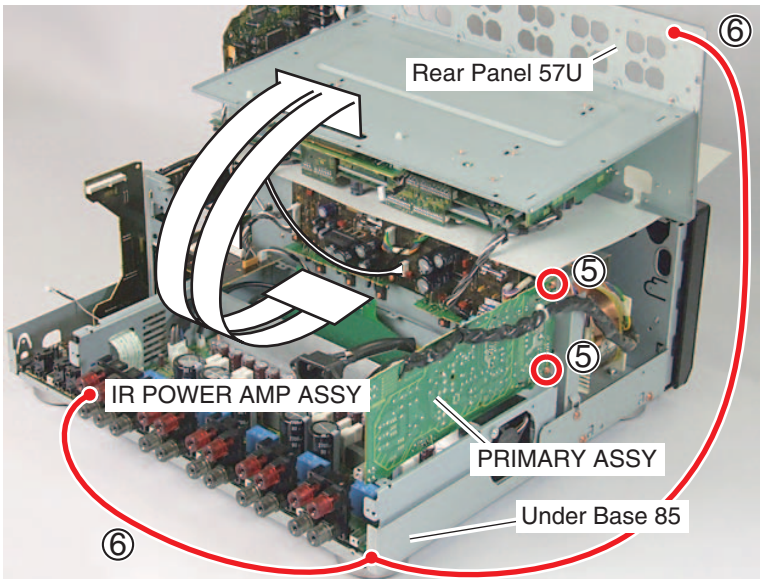


(2) Attach the PRE BRIDGE ASSY.
(3) Connect the two connectors and attach the FRONT BRIDGE ASSY.
(4) Connect the two pair board to board extension jig cables. (GGD1761)
(IR INTERFACE CN3801 <-> IR BUFFER CN6802)
(IR INTERFACE CN3802 <-> IR BUFFER CN6803)



(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"**.)

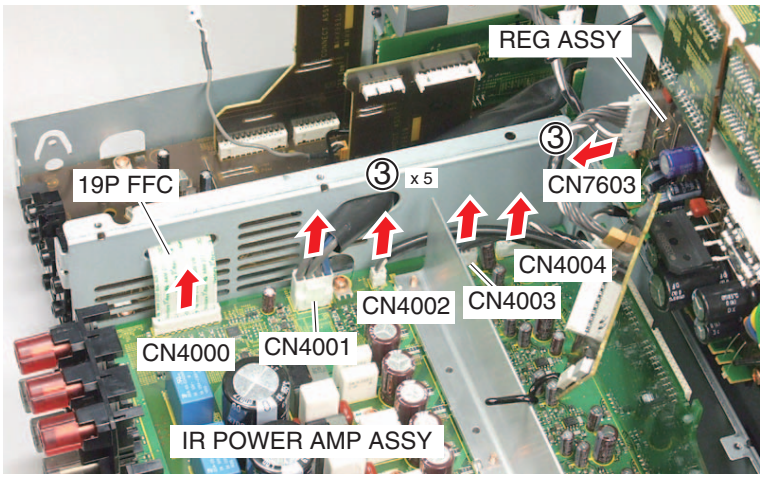


[3-3] Remove the IR Amplifier Block

(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"**)

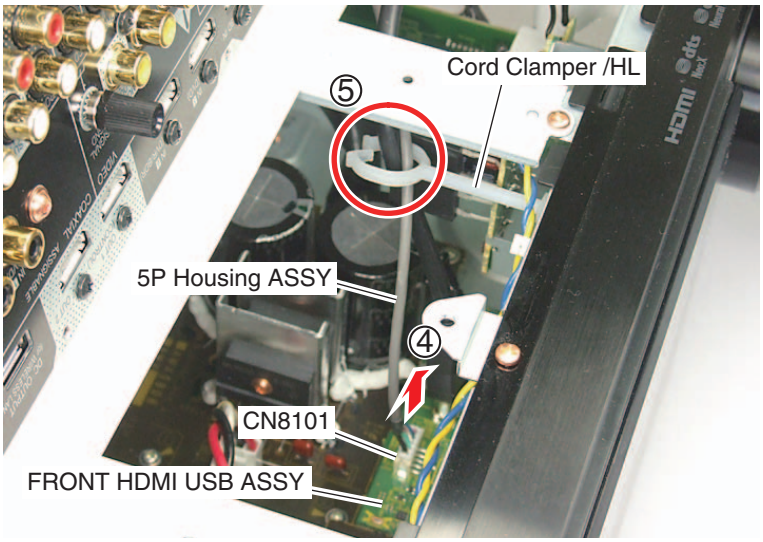
(2) Disconnect the six extension jig cables.
(Refer to the steps (10) to (5) of **"[2-2] Diagnosis"**)

(3) Disconnect the six connectors.



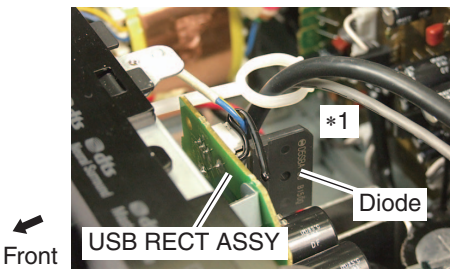
(4) Disconnect the connector.

(5) Release the 5P Housing ASSY from the Cord Clamper /HL.

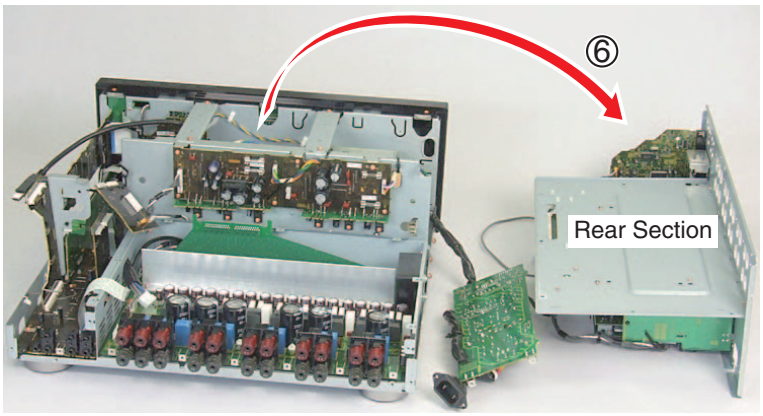


Note on assembling

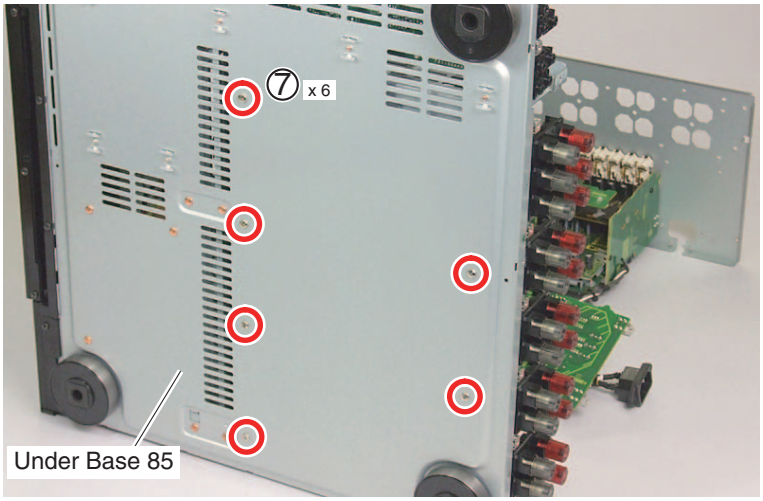
∗1: Don't touch cables to Diode.



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

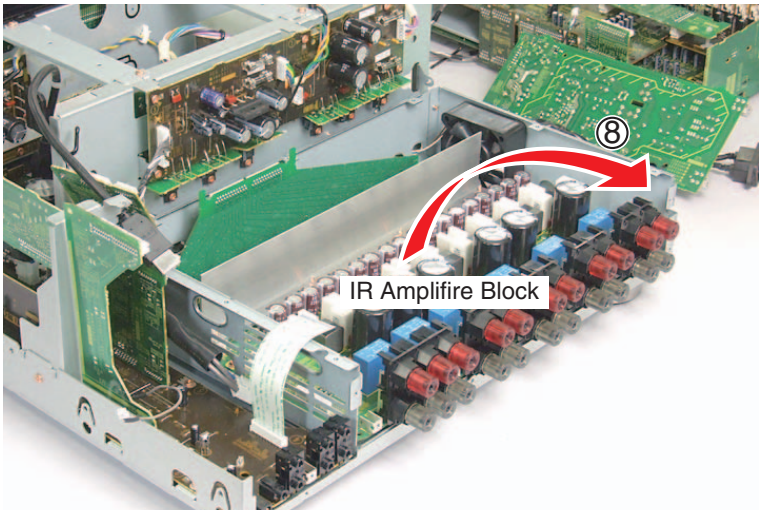


(7) Set up the main unit part as shown in the photo, and remove six screws. (BPZ30P080FNI)



(8) Remove the IR Amplifier Block.

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

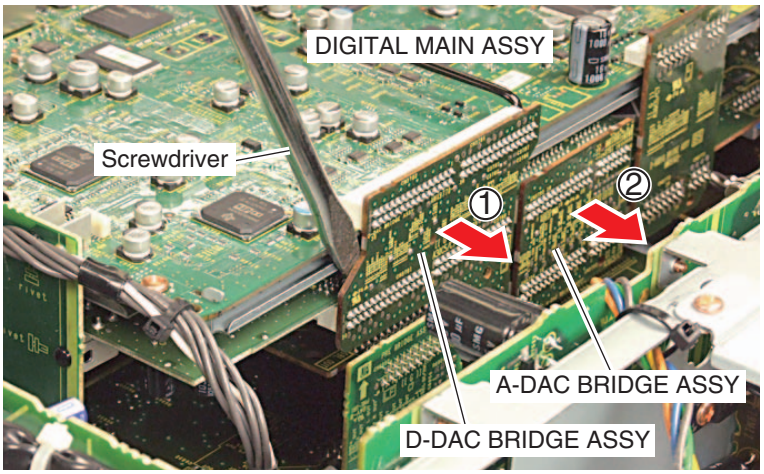


[4] DAC HIGH ASSY

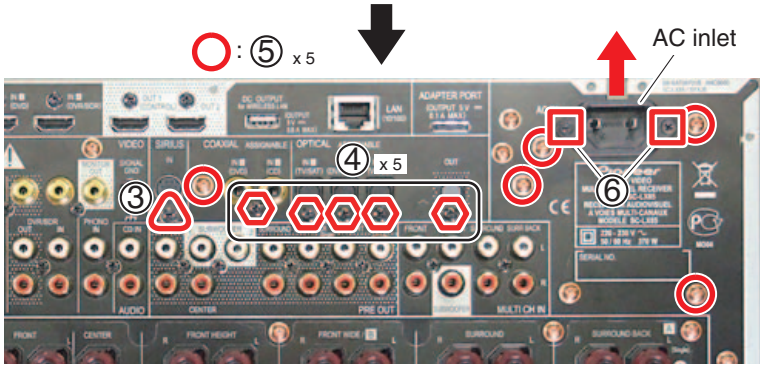
Remove the Bonnet 85 by removing the 16 screws.

[4-1] Exterior

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



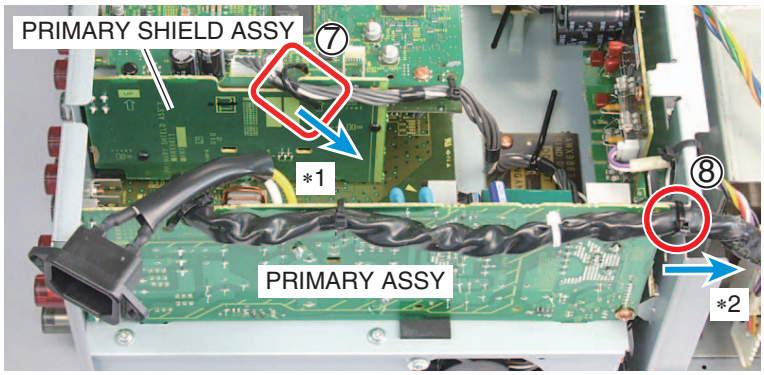
(3) Remove the screw. (BMZ30P040FTB)
(4) Remove the five screws. (BPZ30P080FTB)
(5) Remove the five screws. (ABA1011)
(6) Remove the AC inlet by removing the two screws. (CBZ30P080FTB)



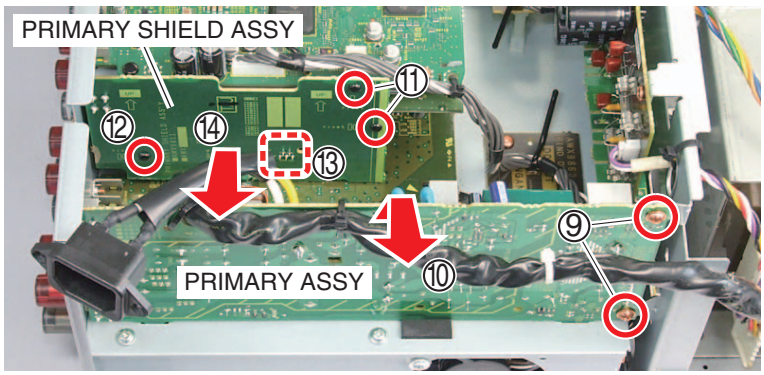
(7) Release the jumper wire from PCB binder.
(8) Cut the Binder.

Notes on assembling

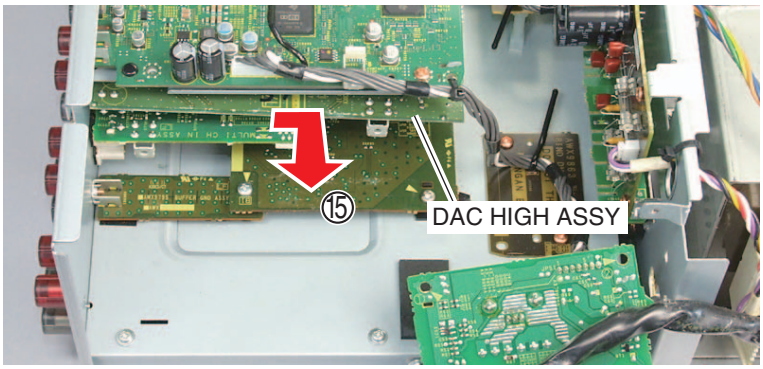
∗1: PCB binder tilt in the direction of the blue arrow.
∗2: After the jumper wire is bounded, pull the extra length to the direction indicated by the blue arrow.



(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.

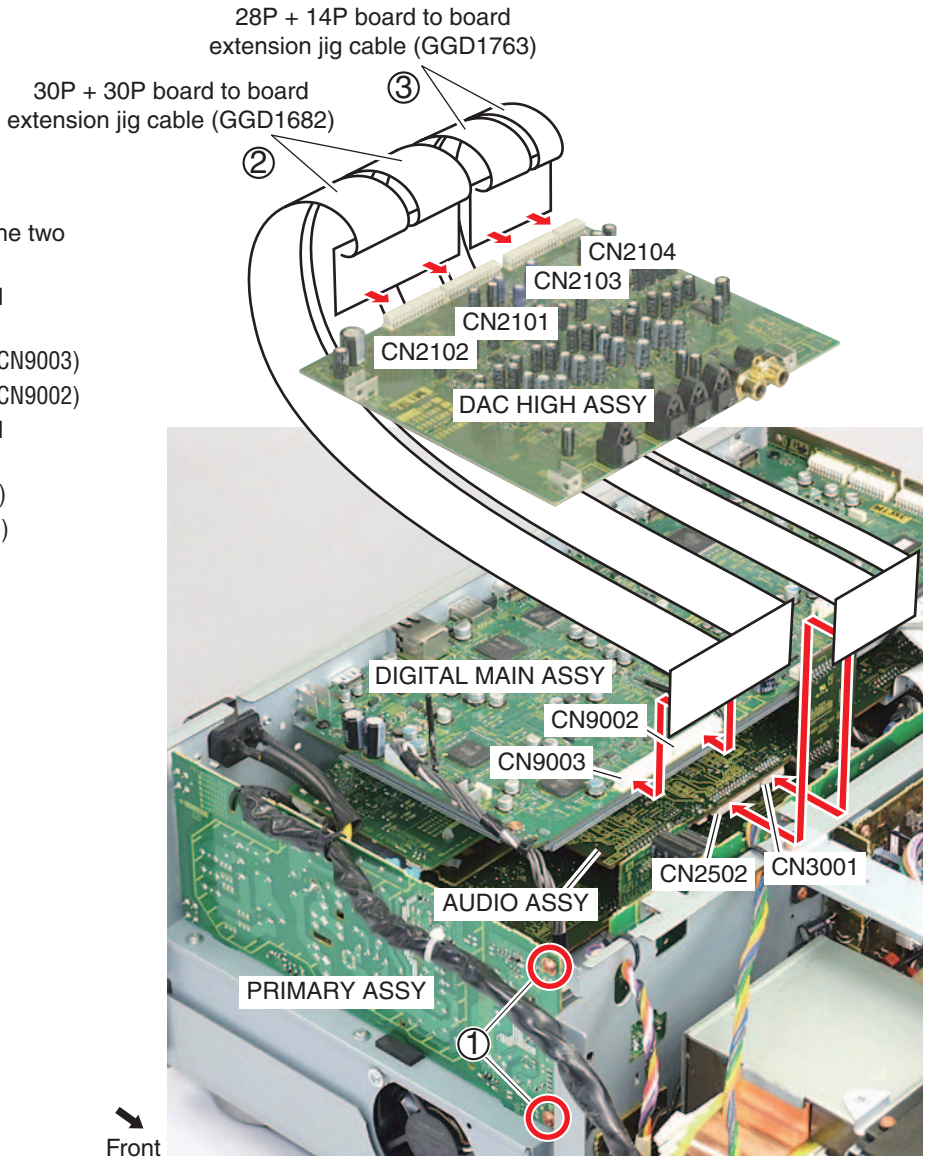


[4-2] Diagnosis

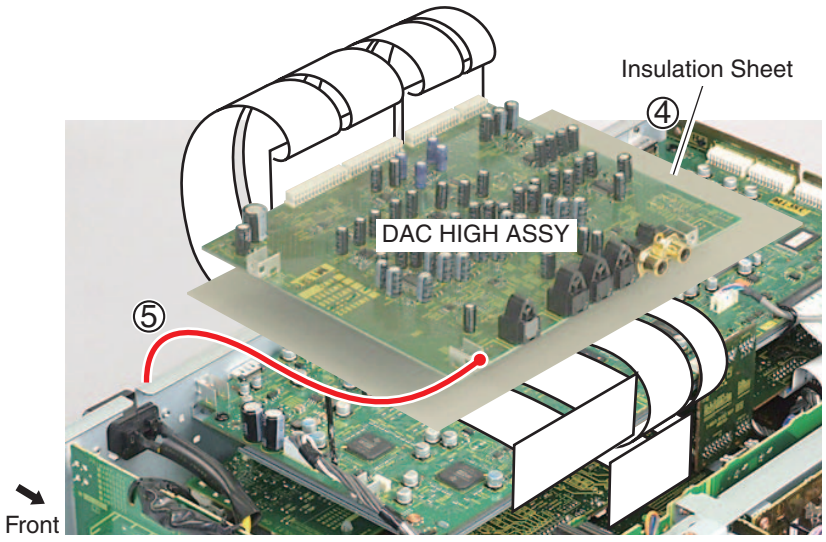
(1) Attach the PRIMARY ASSY, using the two screws (ABA1011).

(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)



(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

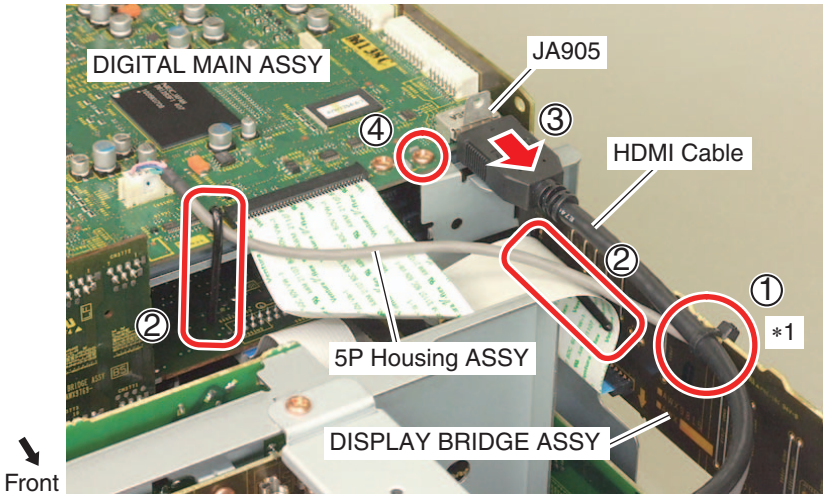
Remove the Bonnet 85 by removing the 16 screws.

[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

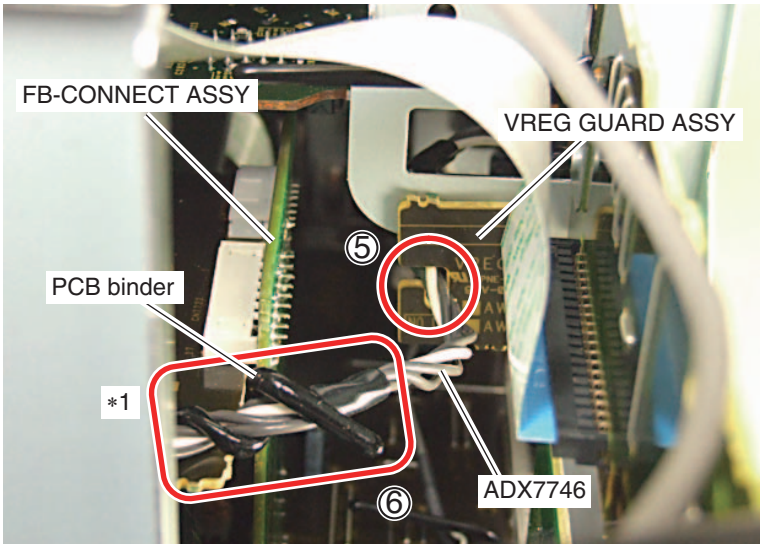
∗1: HDMI Cabel and 5P Housing ASSY (ADX7748) bind together inside.



(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

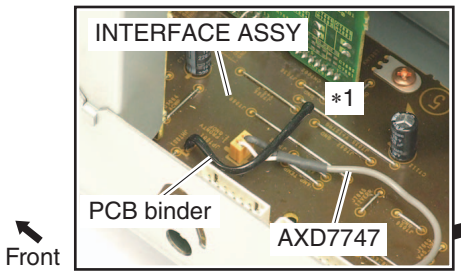
∗1: Twist PCB binder around the jumper wire (ADX7746) so that it does not contact FB-CONNECT ASSY or plate.

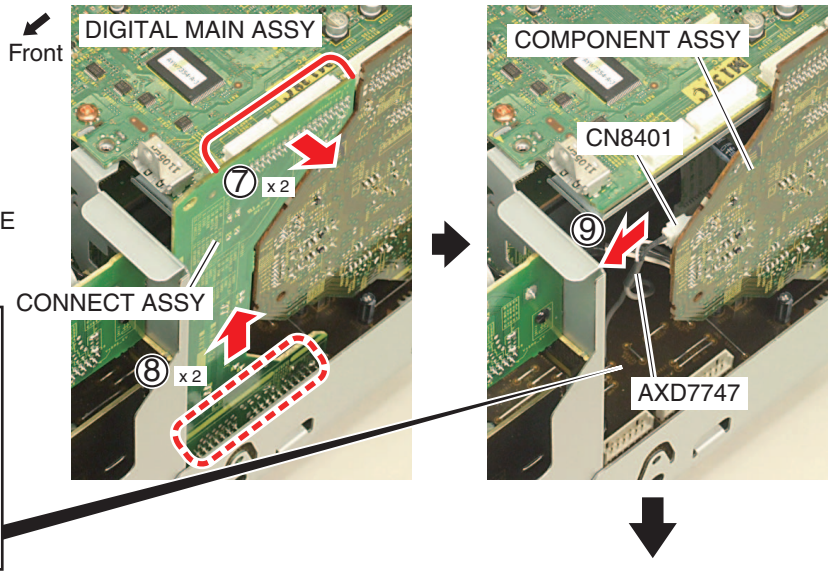


(7) Disconnect the two connectors.
(8) Disconnect the two connectors and then remove the CONNECT ASSY.
(9) Disconnect the connector.

Note on assembling

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

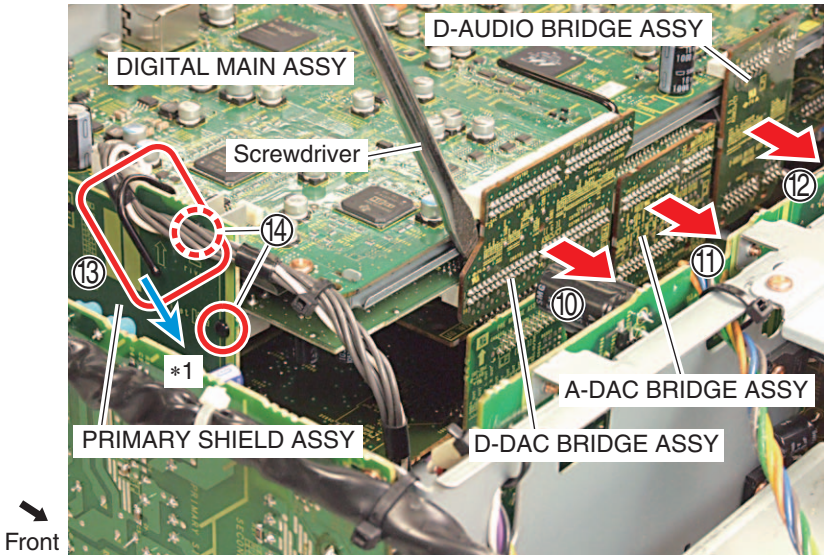




(10) Remove the D-DAC BRIDGE ASSY.
(11) Remove the A-DAC BRIDGE ASSY.
(12) Remove the D-AUDIO BRIDGE ASSY.
(13) Release the jumper wire from PCB binder.
(14) Remove the two Push Rivet. (AEC7071)

Note on assembling

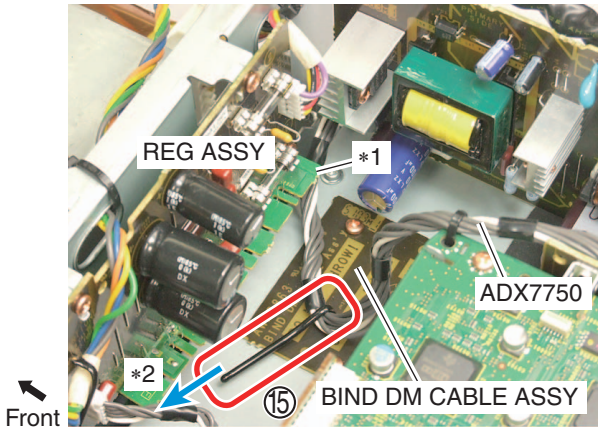
∗1: PCB binder tilt in the direction of the blue arrow.



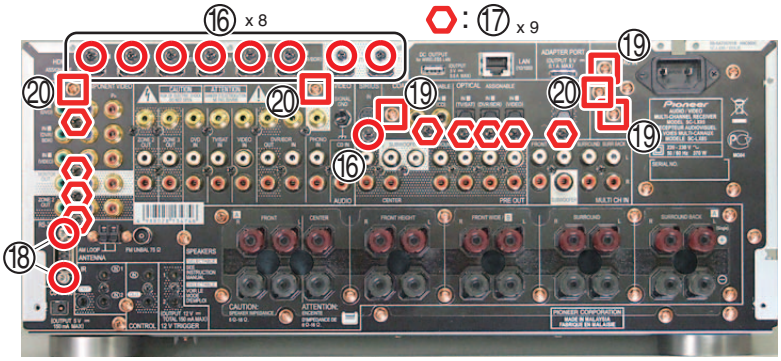
(15) Release the jumper wire (ADX7750: from PRIMARY ASSY) from PCB binder.

Notes on assembling

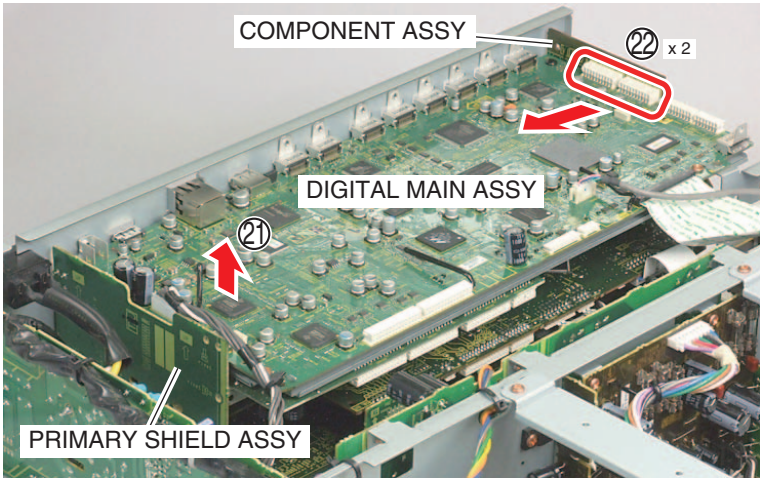
∗1: Pass the jumper wire (ADX7750: from PRIMARY ASSY) under the REG ASSY.
∗2: PCB binder tilt in the direction of the blue arrow.



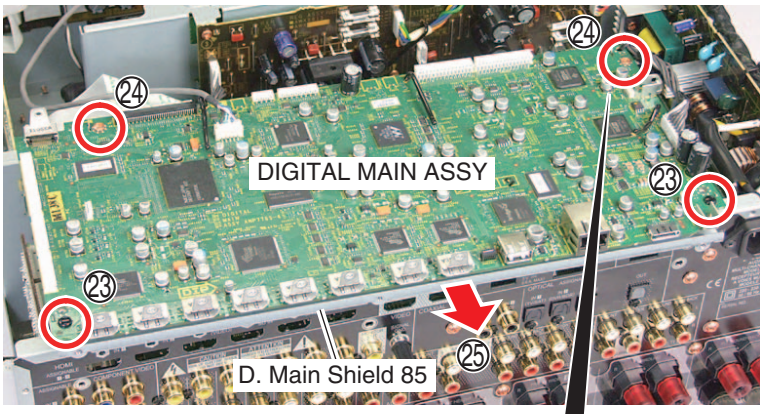
(16) Remove the nine screws. (BMZ30P040FTB)
(17) Remove the nine screws. (BPZ30P080FTB)
(18) Remove the two Hex head Screws. (ABA7078)
(19) Remove the three screws. (ABA1011)
(20) Remove the three screws. (ABA1011: SC-57/UXJCB only)



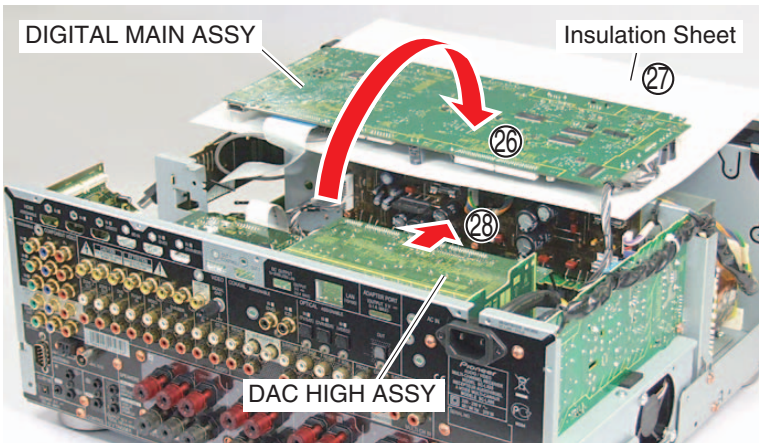
(21) Lift the DIGITAL MAIN ASSY from the PRIMARY SHIELD ASSY side.
(22) Disconnect the two connectors and then remove the DIGITAL MAIN ASSY.



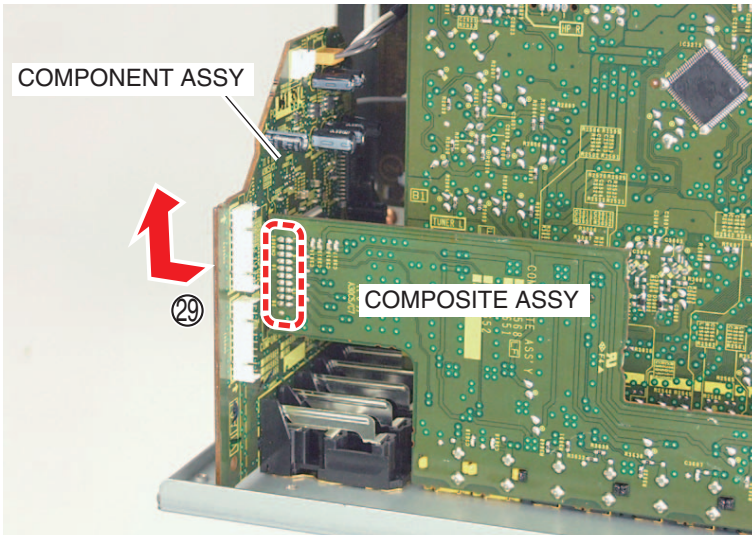
(23) Remove the two Nylon Rivet. (AEC7406: SC-57/UXJCB only)
(24) Remove the two screws. (BBZ30P060FCC: SC-57/UXJCB only)
(25) Remove the D. Main Shield 85. (SC-57/UXJCB only)



(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.

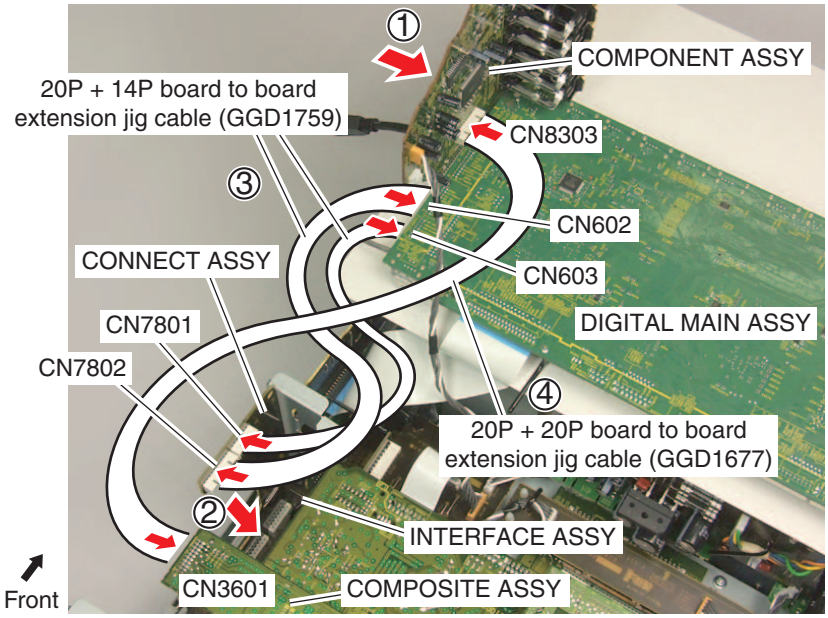


• Top view

[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 <-> CONPOSITE CN3601)

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



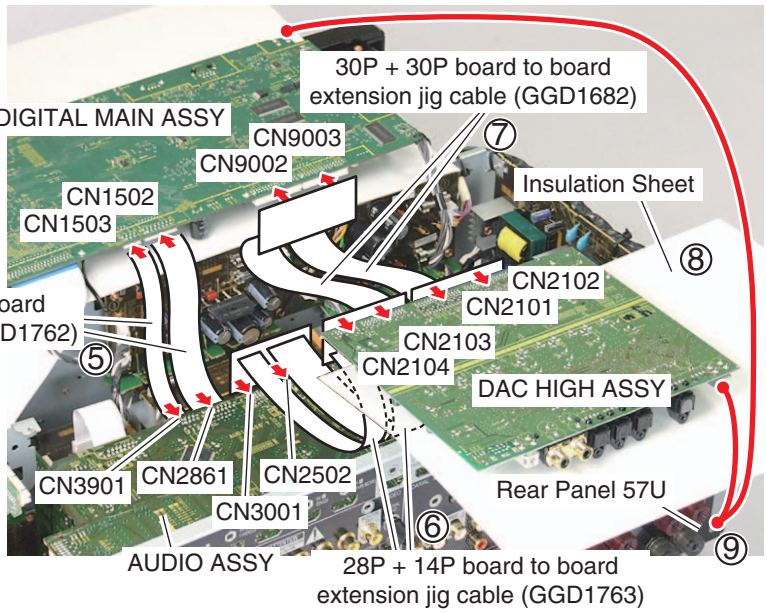
(5) Connect the two pair board to board extension jig cables. (GGD1762)
(DIGITAL MAIN CN1503 <-> AUDIO CN3901)
(DIGITAL MAIN CN1502 <-> AUDIO CN2861)

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

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

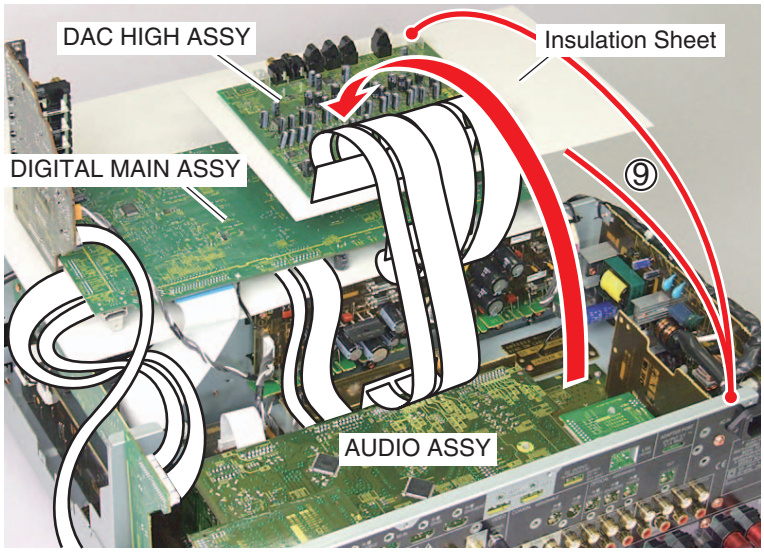
(8) Insert the Insulation Sheet.

(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

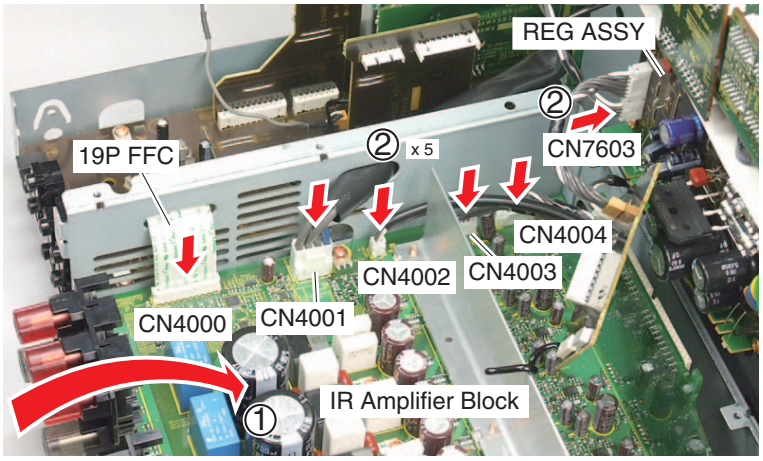
Note : The attachment positioning of the IR Amplifier block relates to sound quality of the unit. If assembling IR Amplifier Block by wrong steps, sound quality would deteriorate. Therefore assemble it correctly following the procedure shown below.

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

---

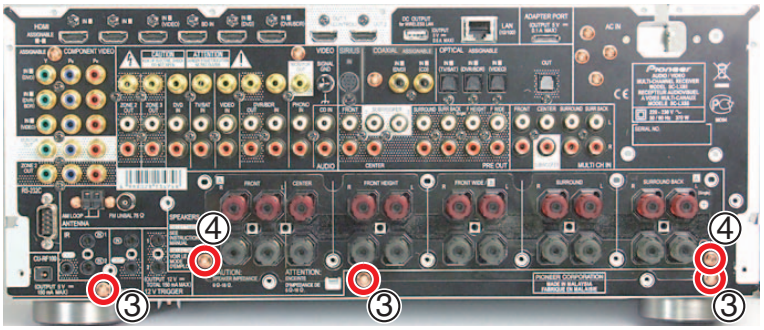
(1) Allocate the IR Amplifier block from which the IR Cover 85 is removed. Do not fix it with screws.

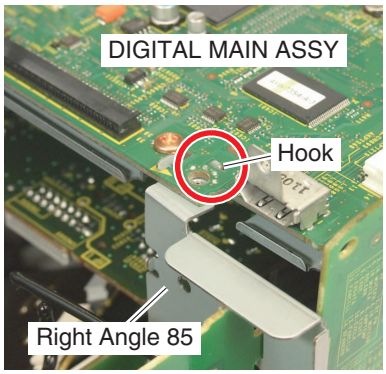
(2) Connect the six connectors.



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

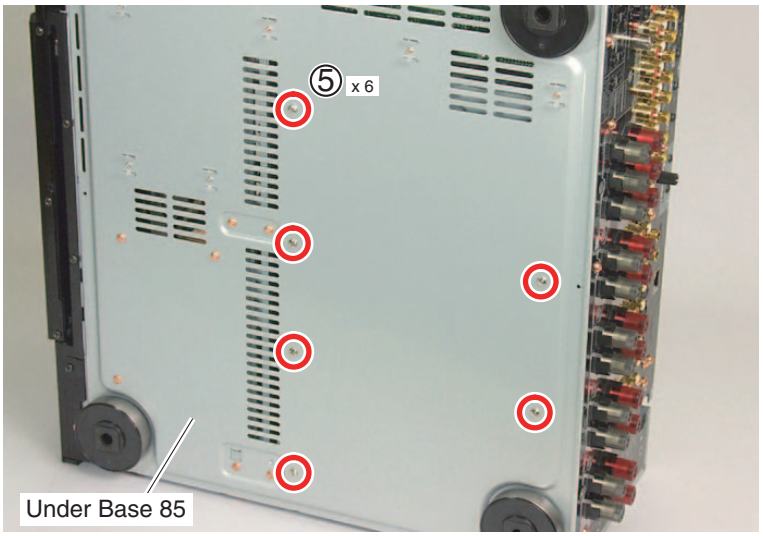
Note: Fix the DIGITAL MAIN ASSY to the hook of the Right Angle 85.



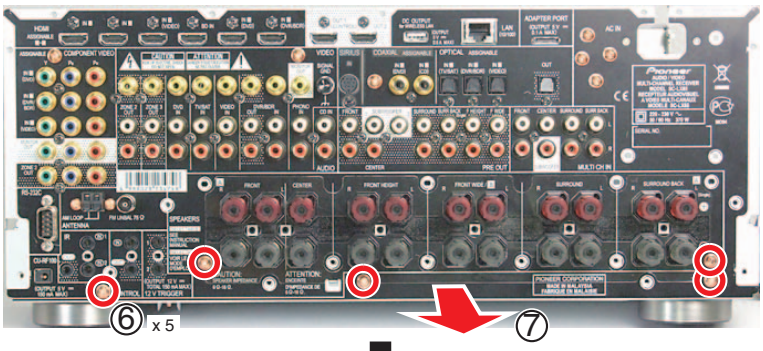


(4) Temporarily attach the IR Box 85 to the Rear Panel 57U, using the two screws. (ABA1011)

(5) Attach the IR Amplifier block to the Under Base 85, using the six screws. (BPZ30P080FNI)

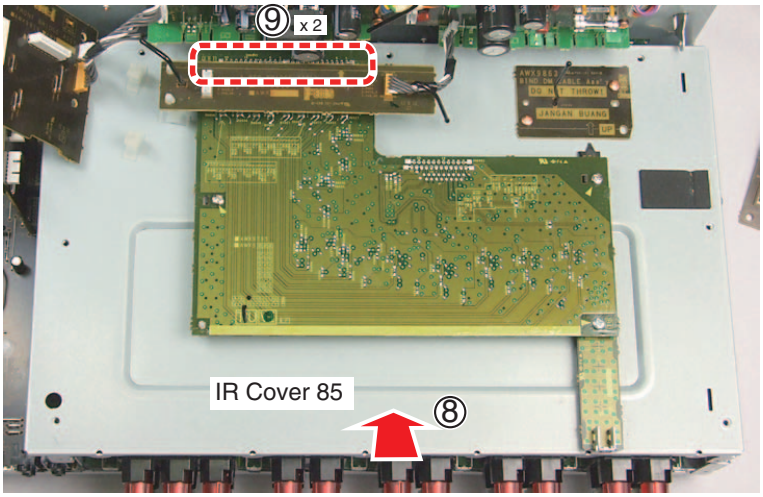


(6) Remove the five screws. (ABA1011)
(7) Remove the Rear Panel 57U.

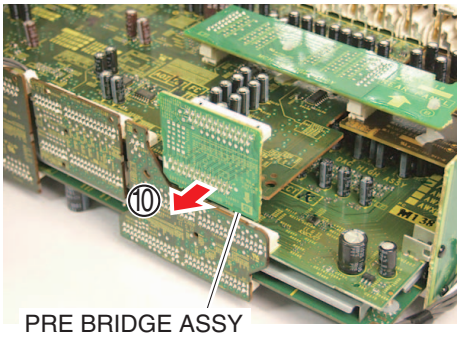


(8) Allocate the IR Cover 85 (with four assy). Do not fix it with screws.
(9) Connect the two connectors.

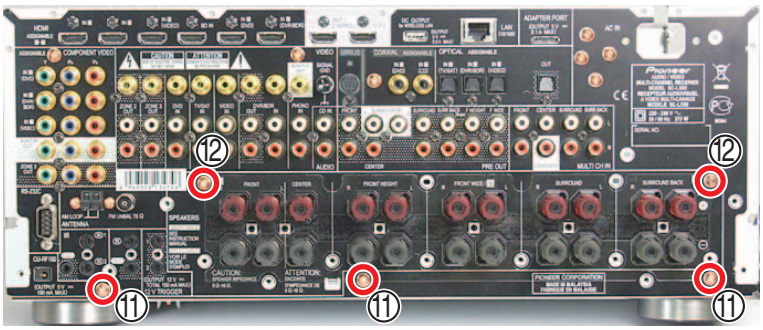
Note: If it is difficult to connect the two connectors of the IR BUFFER ASSY, at first remove the A REG BRIDGE ASSY and then try to connect them.



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

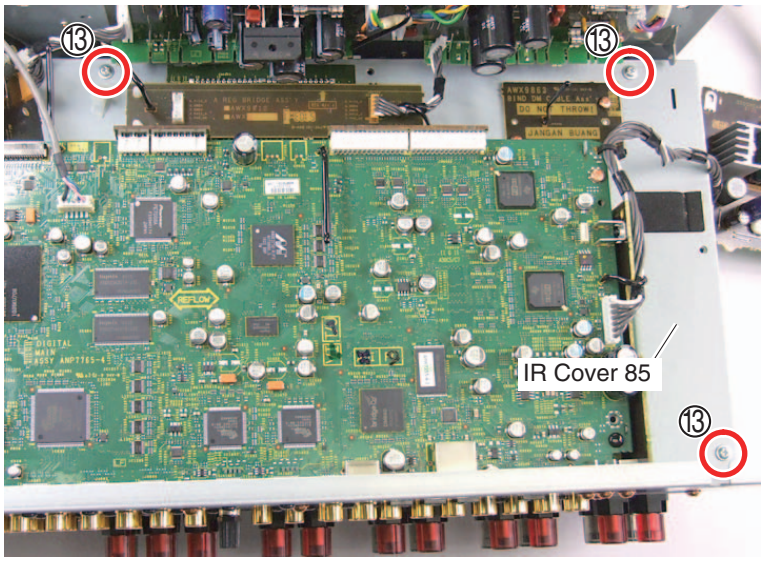


(11) Temporarily attach the Rear Panel 57U (with other assy) to the Under Base 85, using the three screws. (ABA1011)
(12) Temporarily attach the IR Cover 85 to the Rear Panel 57U, using the two screws. (ABA1011)



(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.

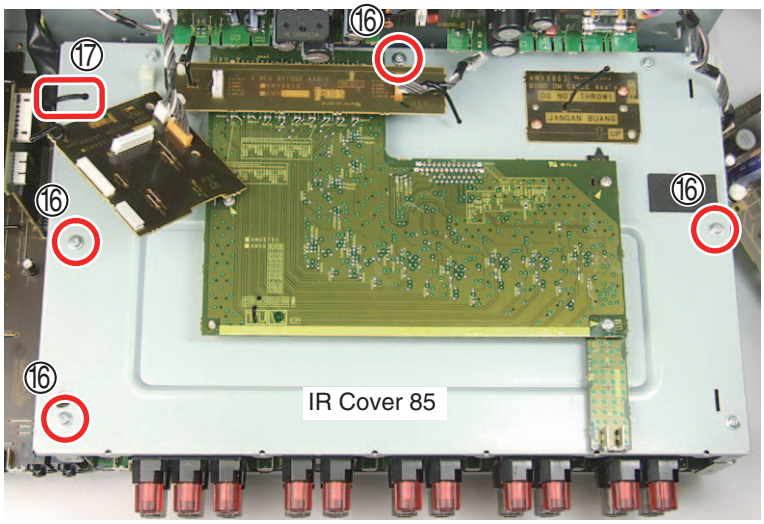


(14) Remove the five screws (ABA1011) from the Rear Panel 57U.
(Refer to the step (12) & (11))

(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

■ **When any of the following assemblies is replaced**

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

■ **When any of the following parts is replaced**

DIGITAL MAIN ASSY	➡	No adjustment required The part listed below is difficult to replace as a discrete component part. When the part listed in the table is defective, replace whole Assy. • 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	➡	No adjustment reguired The part listed below is difficult to replace as a discrete component part. When the part listed in the table is defective, replace whole Assy. • Q4101,4102 (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/UXJCB

[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

Enter the UPDATE PANEL mode.
↓
Check a current version.
↓
Update it.
↓
Update completed.
(Turn the power OFF automatically.)

Updating process

↓
Enter the UPDATE PANEL mode again.
↓
Check an updated version.
↓
Turn the power off.
(Release the UPDATE PANEL mode.)

Checking process

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]

1. 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.
2. Turn off the power to this unit by setting Multi-Zone to "OFF".
3. Connect the USB Memory to the USB terminal (A type) of the front panel.

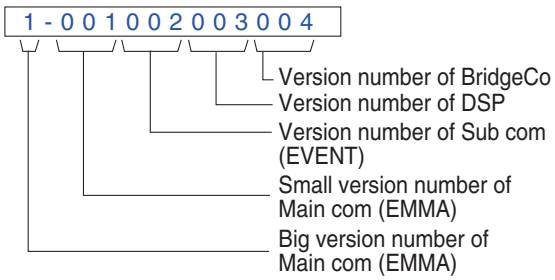
[Procedures]

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

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

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

Key operation	FL display
UPDATE FILE searching completed	
⇩	Updating process ＊Ｕｐｄａｔｉｎｇ．　２０％
DSP UPDATE completed	
⇩	Updating process ＊Ｕｐｄａｔｉｎｇ．　４０％
BridgeCo IC UPDATE completed	
⇩	Updating process ＊Ｕｐｄａｔｉｎｇ．　６０％
MAIN com (EMMA) UPDATE completed	
⇩	Updating process ＊Ｕｐｄａｔｉｎｇ．　８０％
SUB com (EVENT) UPDATE completed	
⇩	Update completion display ＊Ｕｐｄａｔｉｎｇ．　１００％
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.

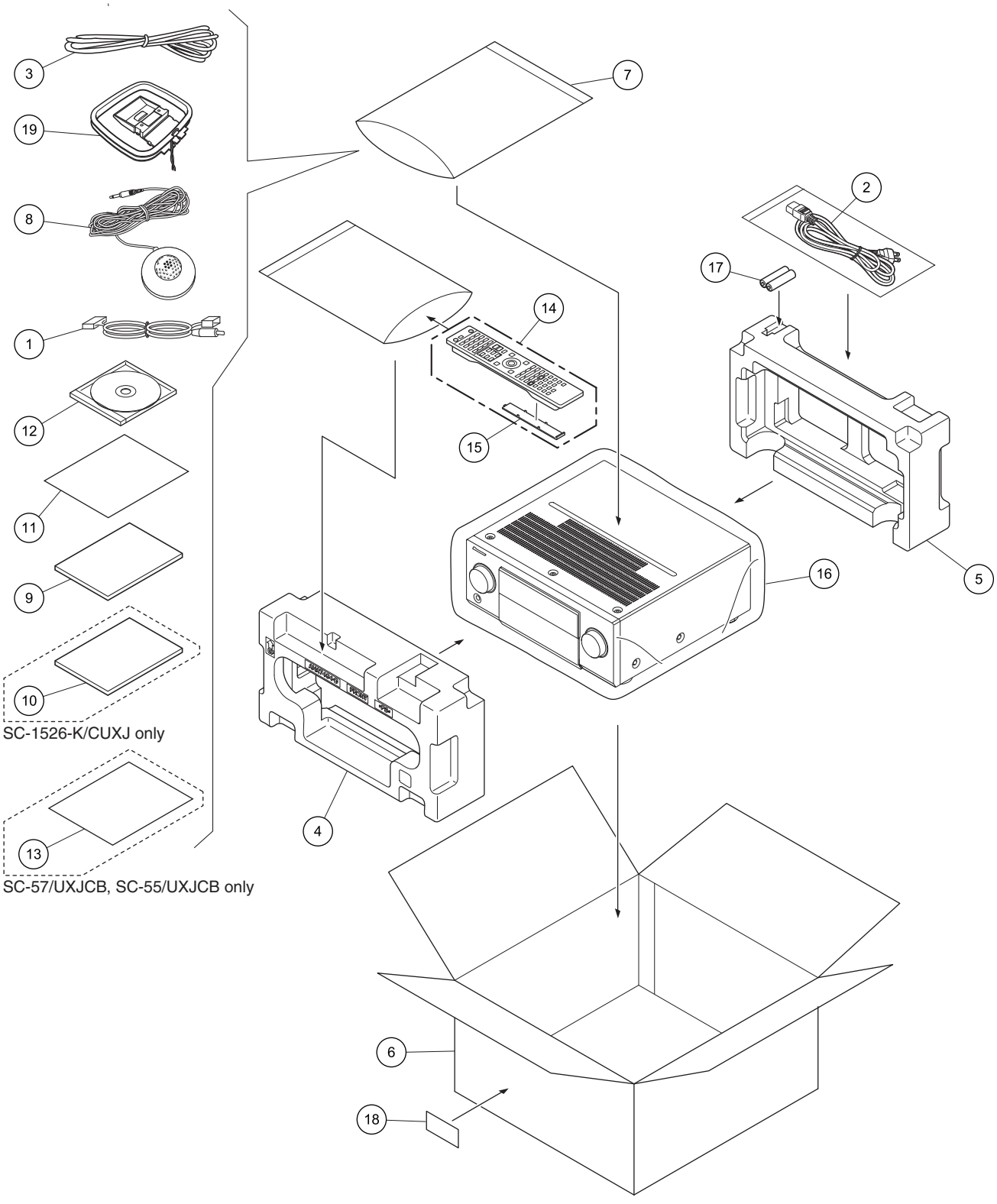
[Confirmation]

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 ⚠ 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

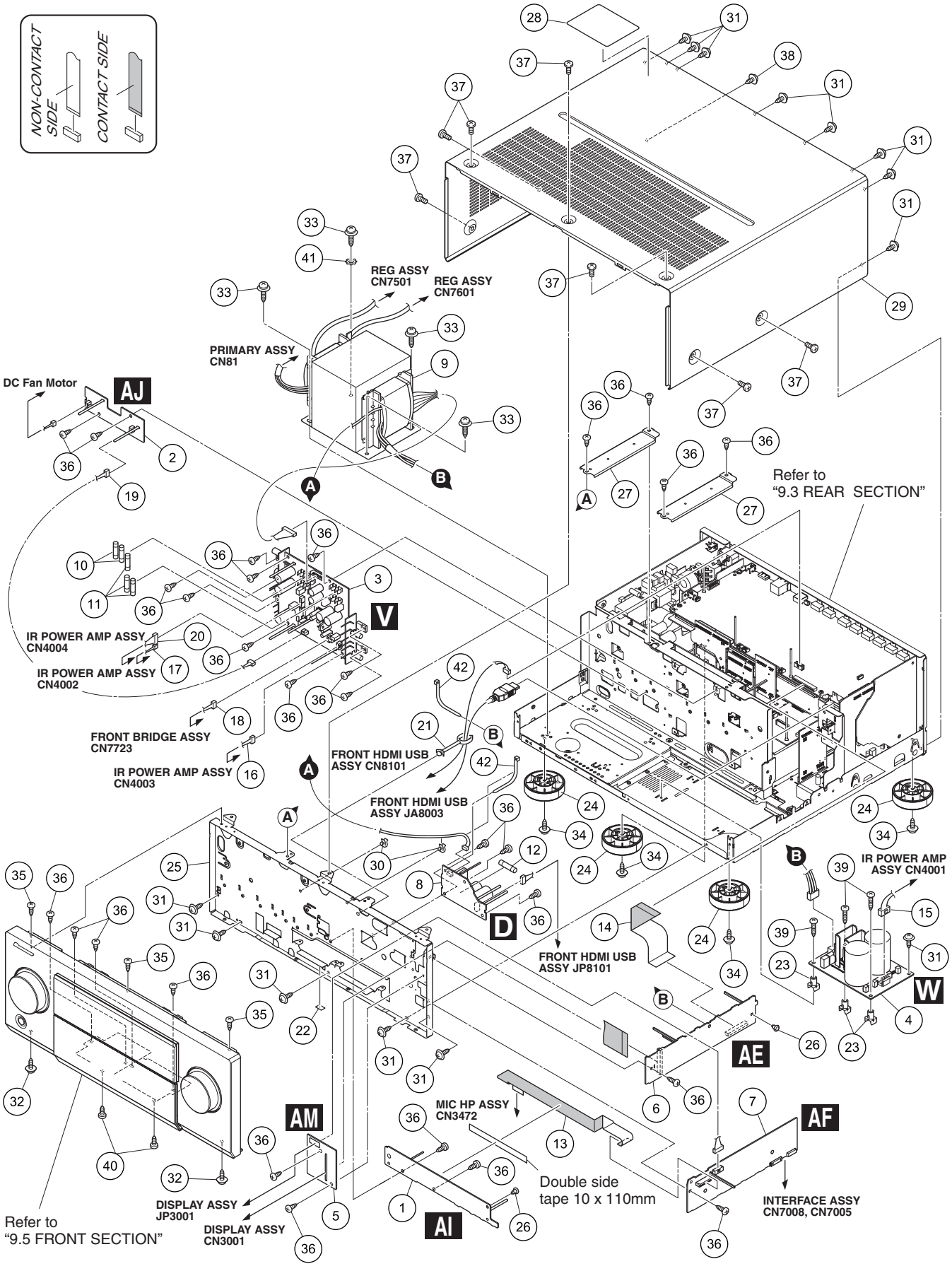
Mark	No.	Description	Part No.
	1	30P iPod Cable	ADE7136
⚠	2	AC Power Cord	ADG7111
	3	FM Wire Antenna	ADH7030
	4	Packing Pad /F	AHA7494
	5	Packing Pad /R	AHA7495
	6	Packing Case	See Contrast table (2)
NSP	7	Polyethylene Bag	AHG7117
	8	MCACC Setup Microphone	APM7009
	9	Operating Instructions (En)	See Contrast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

(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) EXTERIOR SECTION PARTS LIST

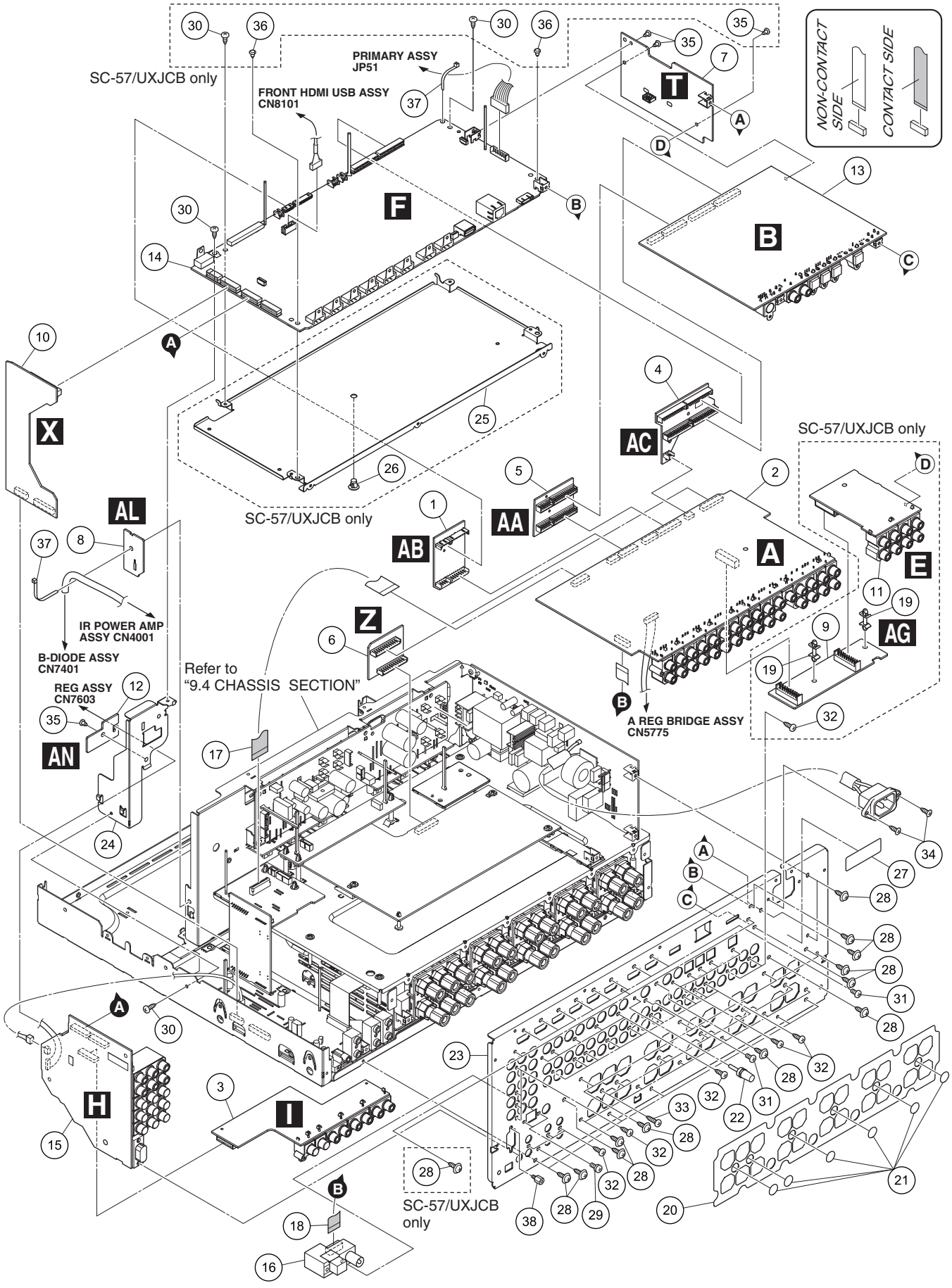
Mark	No.	Description	Part No.
	1	MIC HP GUARD ASSY	AWX9803
	2	FAN CONNECT ASSY	AWX9804
	3	IR REG ASSY	AWX9806
	4	B DIODE ASSY	AWX9808
NSP	5	FFC GUARD2 ASSY	AWX9812
	6	DISPLAY BRIDGE ASSY	AWX9815
	7	F-IN BRIDGE ASSY	AWX9816
	8	USB RECT ASSY	AWX9821
⚠	9	Power Transformer	See Contrast table (2)
⚠	10	Fuse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

(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
⚠	9	Power Transformer	ATS7447	ATS7438	ATS7438

9.3 REAR SECTION



(1) REAR SECTION PARTS LIST

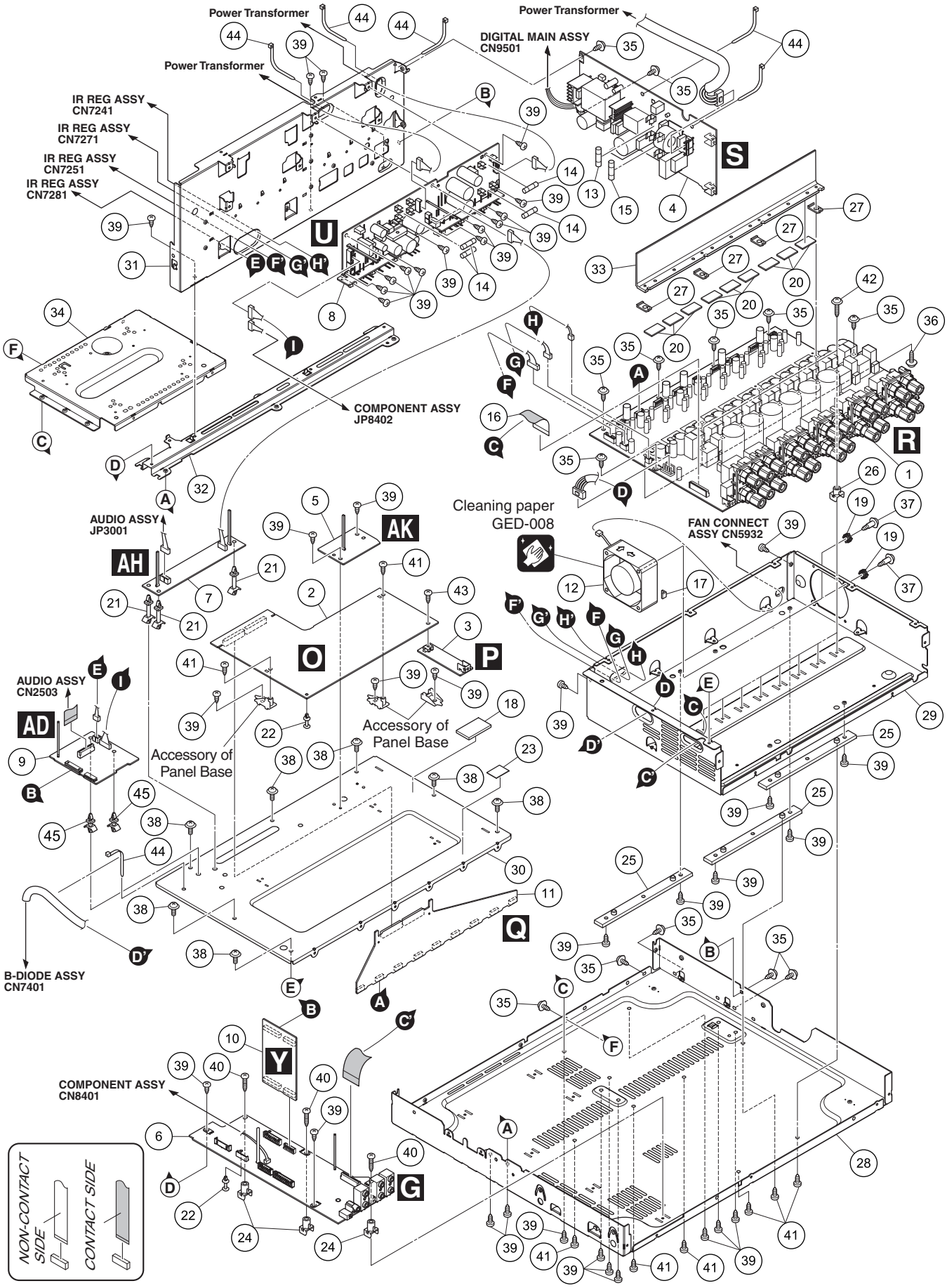
Mark	No.	Description	Part No.
	1	D-AUDIO BRIDGE ASSY	AWX9769
	2	AUDIO ASSY	See Contrast table (2)
	3	COMPOSITE ASSY	See Contrast table (2)
	4	D-DAC BRIDGE ASSY	AWX9935
	5	A-DAC BRIDGE ASSY	AWX9936
	6	PRE BRIDGE ASSY	AWX9809
	7	PRIMARY SHIELD ASSY	AWX9811
NSP	8	BIND B CABLE ASSY	AWX9807
	9	MCH BRIDGE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

(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

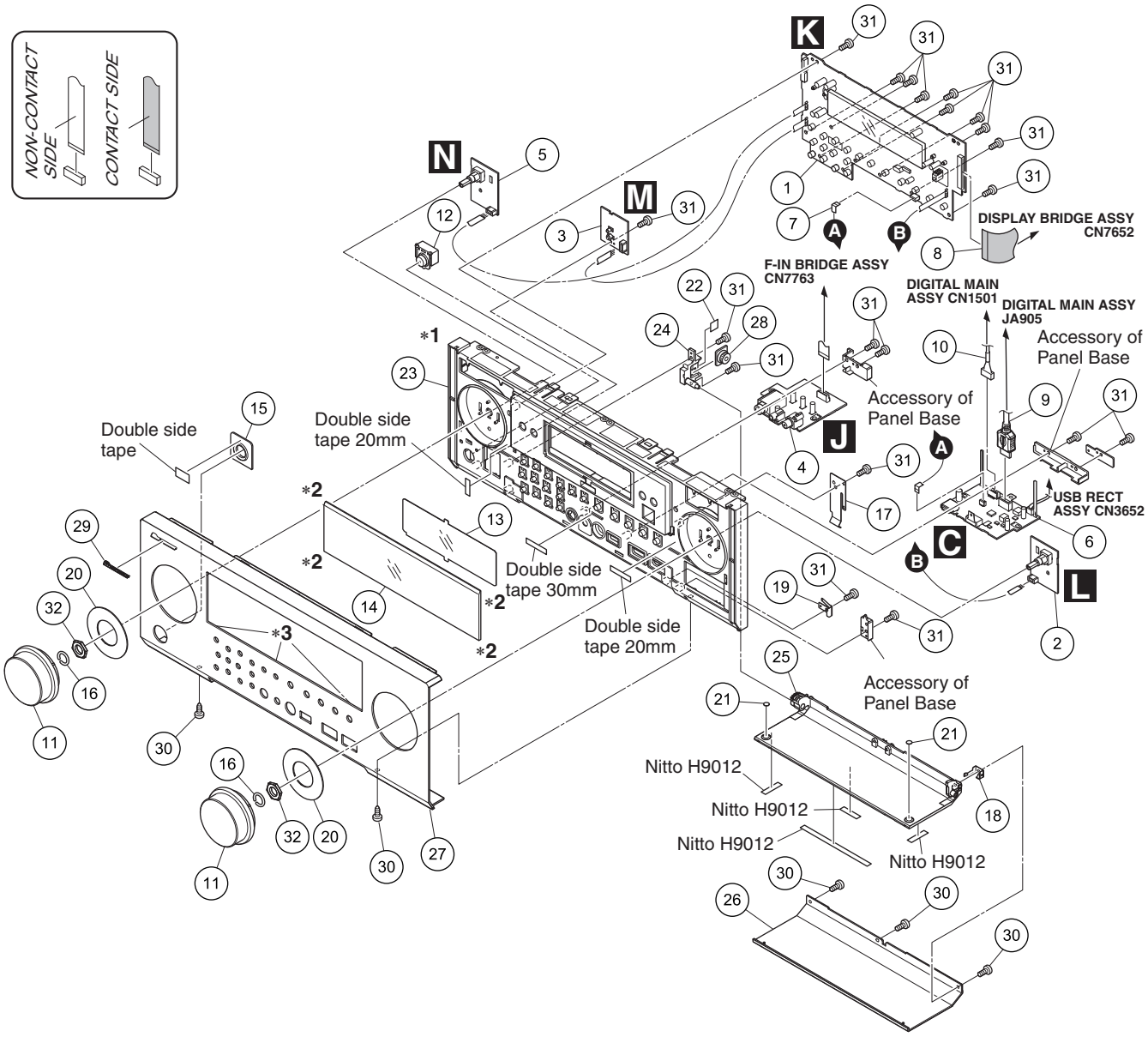
Mark	No.	Description	Part No.
	1	IR POWER AMP ASSY	See Contrast table (2)
	2	IR BUFFER ASSY	AWX9793
	3	BUFFER GND ASSY	AWX9795
	4	PRIMARY ASSY	AWX9799
	5	BIND DM CABLE ASSY	AWX9863
	6	INTERFACE ASSY	AWX9805
	7	A REG BRIDGE ASSY	AWX9810
	8	REG ASSY	AWX9813
	9	FRONT BRIDGE ASSY	AWX9814
	10	FB-CONNECT ASSY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

(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.

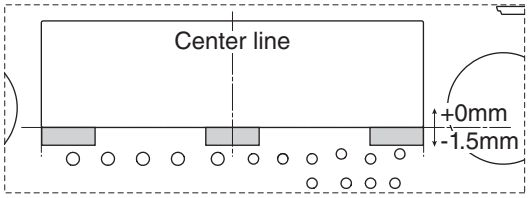
Left side





Right side

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



Inside

(1) FRONT SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	DISPLAY ASSY	See Contrast table (2)
	2	VOL ASSY	AWX9797
	3	POWER SW ASSY	See Contrast table (2)
	4	MIC HP ASSY	AWX9800
	5	ENCODER ASSY	AWX9801
	6	FRONT HDMI USB ASSY	AWX9749
	7	5P FFC (J0006)	ADD7749
	8	39P FFC (J0019)	ADD7753
	9	HDMI Cable	ADX7732
	10	5P Housing ASSY (Y0026)	ADX7748
	11	VOL. Knob LX85 (AL)	AAA7064
	12	STDBY BTN LX85 ASSY	AAD7804
	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
	21	Cushion Circle 6B	AED7083
	22	Cushion 11 x 7	AED7092
NSP	23	Panel Base 55U (PLS)	AMB8041
	24	Door Shaft 60 (PLS)	AMR7531
	25	Door Base 85 (PLS)	AMR7565
	26	Door Panel 57U (AL)	See Contrast table (2)
	27	Front Panel (AL)	See Contrast table (2)
	28	Damper ASSY (240) LX	AXA7156
	29	PIONEER Badge (AL)	See Contrast table (2)
	30	Screw	BBZ30P080FTB
	31	Screw	BPZ30P080FNI
	32	Nut	NK90FTC

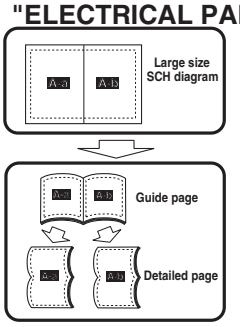
(2) CONTRAST TABLE

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	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

10. SCHEMATIC DIAGRAM
10.1 AUDIO ASSY(1/3)(GUIDE PAGE)

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



A-a 1/3

AH CN5775

AA CN3792

AC CN3785

AG CN7671

ZONE OUT

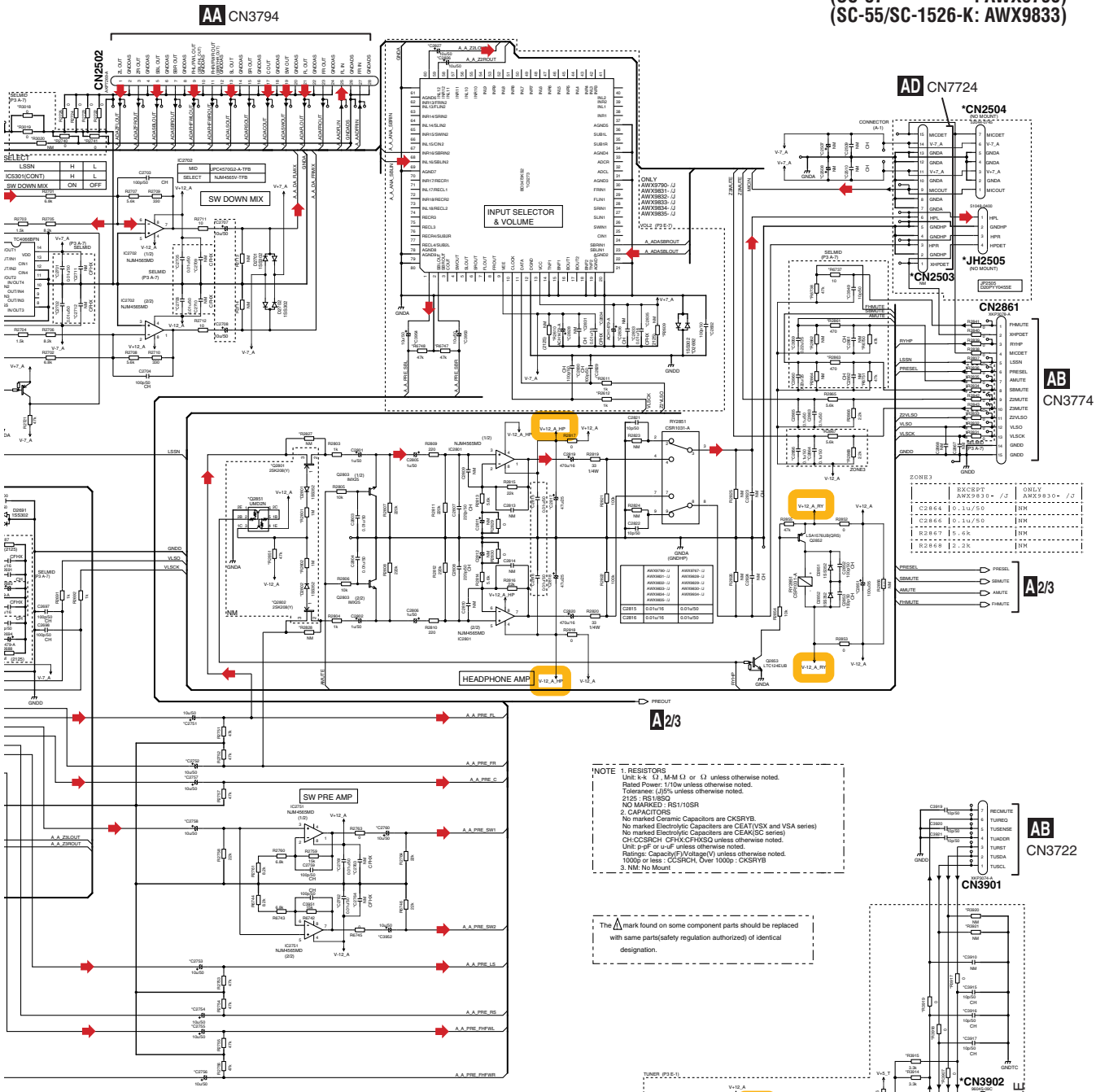
INPUT SELECTOR & VOLUME

EQUALIZER AMP

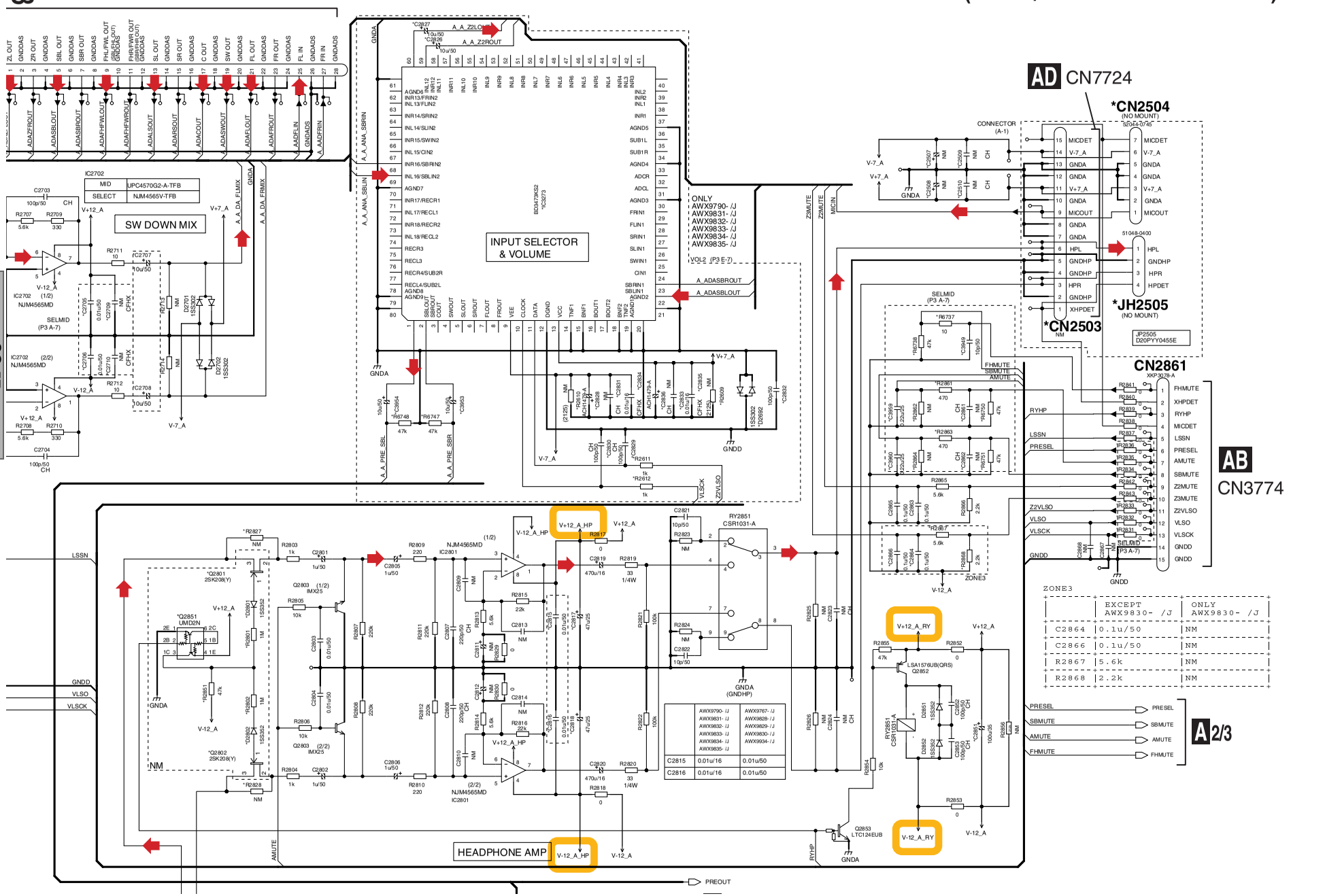
: Audio Signal Route

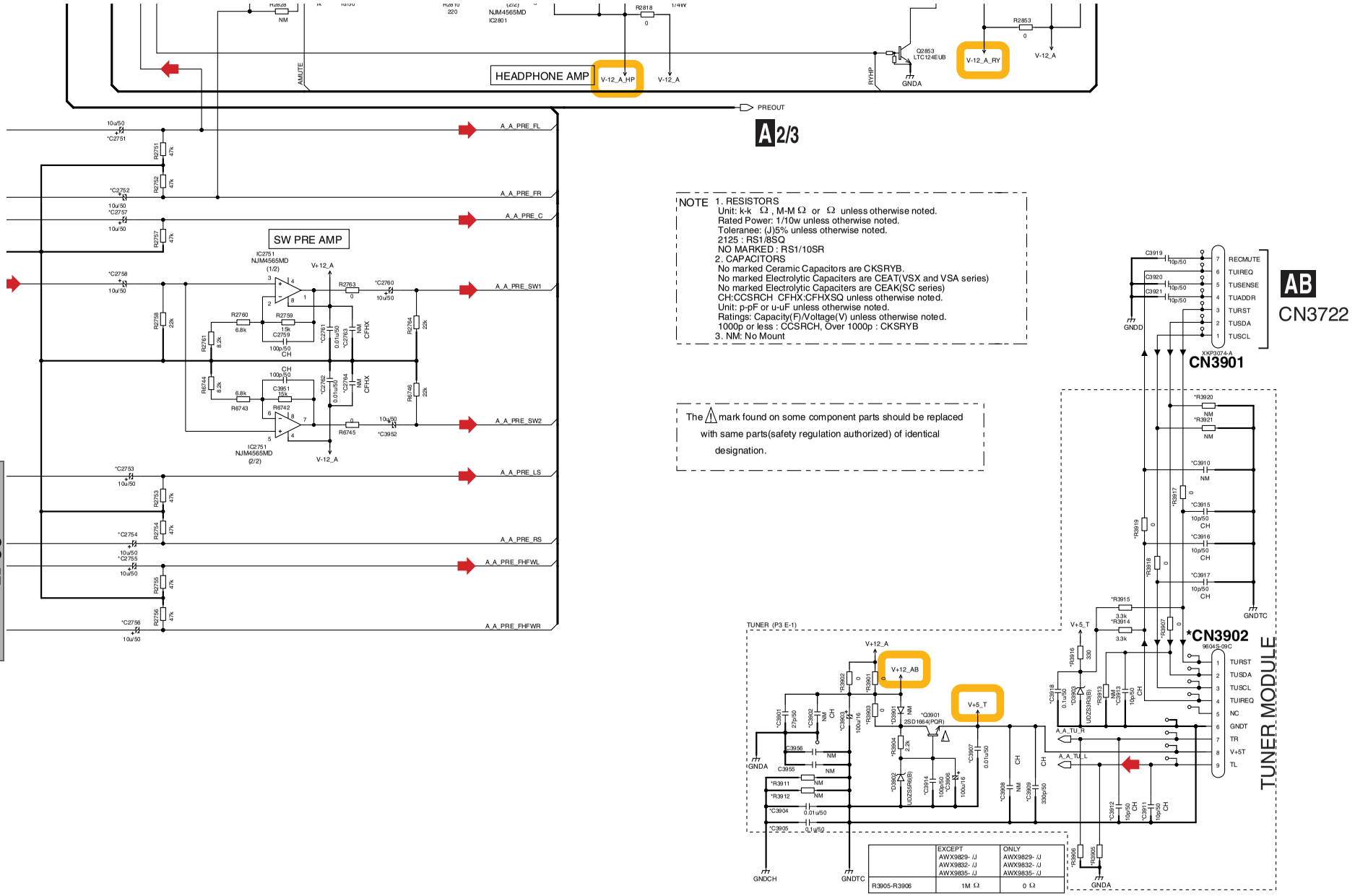
A 1/3

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

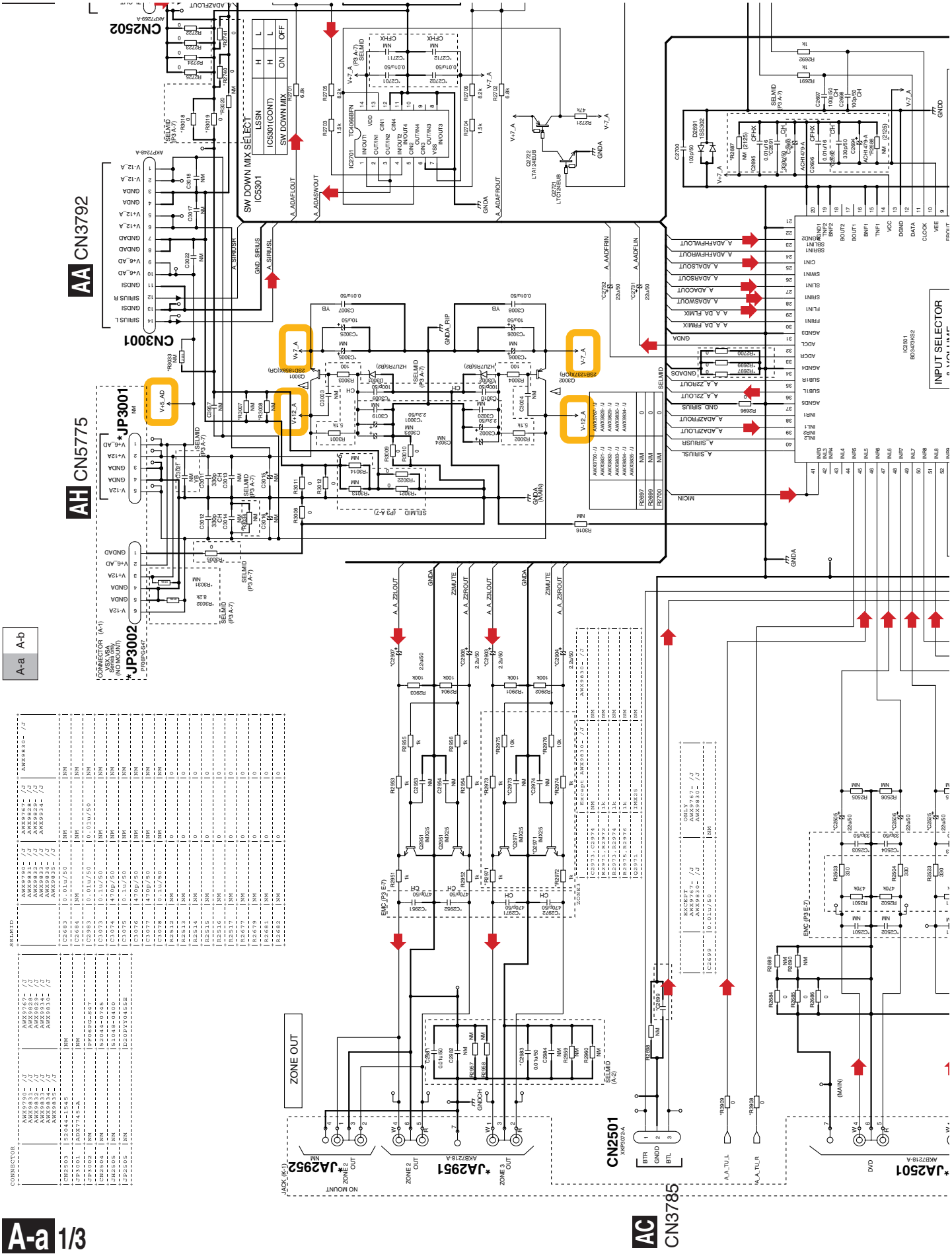


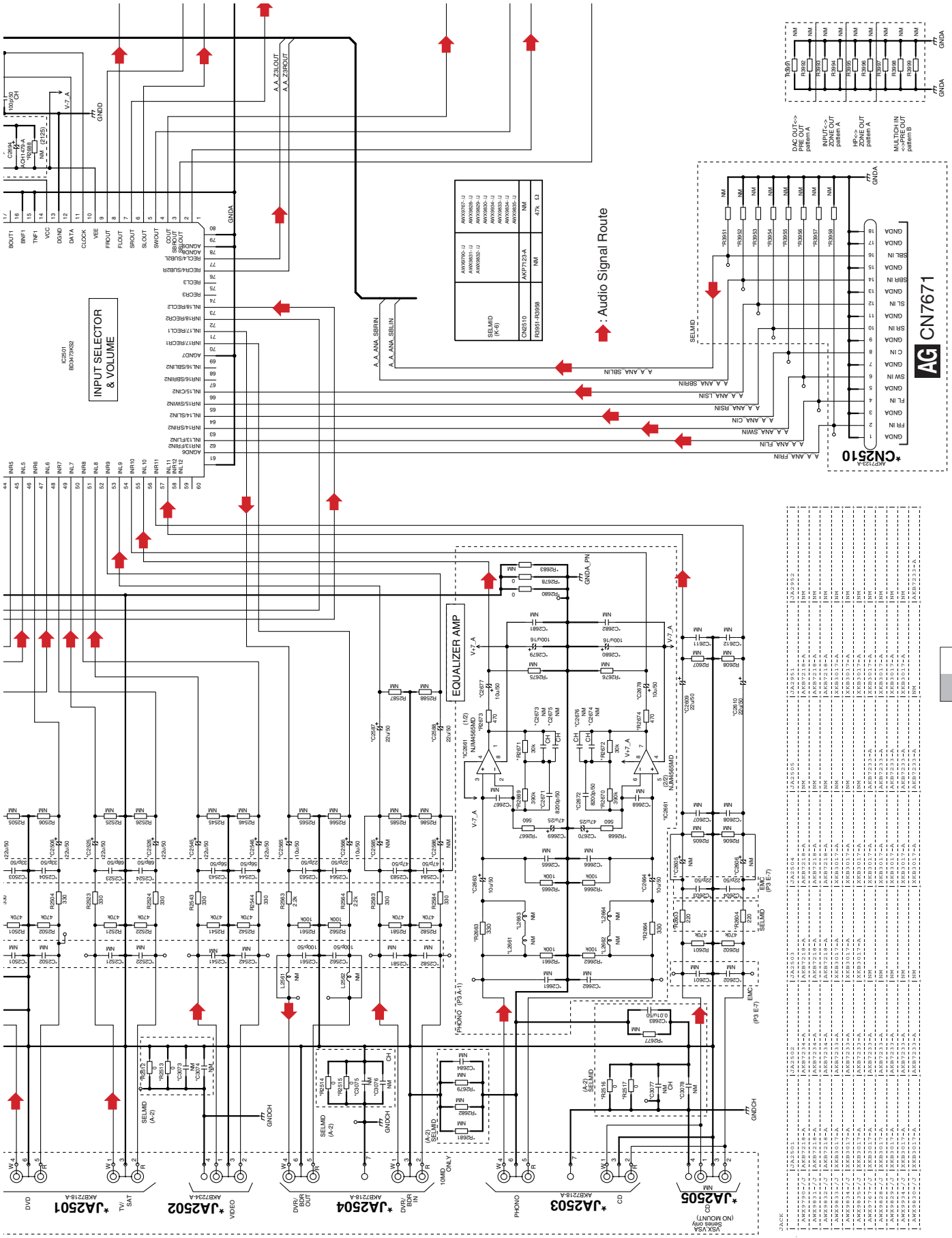
A 1/3 AUDIO ASSY (1/3)
(SC-57 : AWX9790)
(SC-55/SC-1526-K : AWX9833)



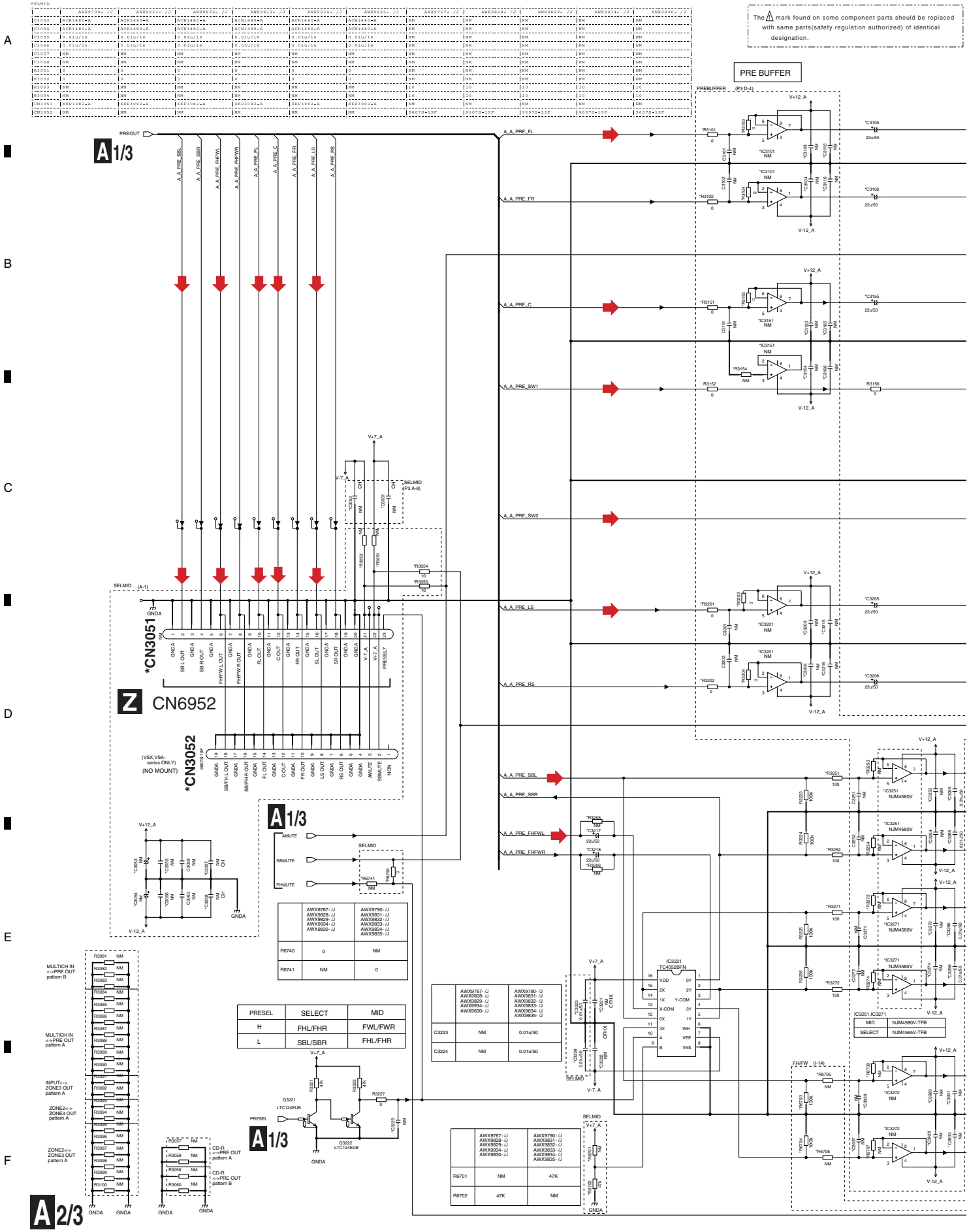


- When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST".
- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- ⬭ : The power supply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


CN2502
CN3001
AA CN3792
AH CN5775
*JP3001
*JP3002
SW DOWN MIX SELECT
IC5301
LSSN
IC5301(CONT)
SW DOWN MIX
ON
OFF
INPUT SELECTOR
ZONE OUT
CN2501
*JA2952
*JA2951
*JA2501
AC CN3785
A-a 1/3
92
SC-57


INPUT SELECTOR & VOLUME
IC2501 BD34739KS2
EQUALIZER AMP
: Audio Signal Route
*CN2510
AG CN7671
*JA2501
*JA2502
*JA2503
*JA2504
*JA2505
DVD
TV/ SAT
VIDEO
DVR/ BDR OUT
DVR/ BDR IN
PHONO
CD
A-a
A-b
A-a 1/3
93
SC-57

10.2 AUDIO ASSY (2/3)



PRESEL	SELECT	MID
H	FHL/FHR	FWL/FWR
L	SBL/SBR	FHL/FHR

	AWX9767- /J AWX9828- /J AWX9829- /J AWX9934- /J AWX9830- /J	AWX9790- /J AWX9831- /J AWX9832- /J AWX9833- /J AWX9834- /J AWX9835- /J
R6740	0	NM
R6741	NM	0

	AWX9767- /J AWX9828- /J AWX9829- /J AWX9934- /J AWX9830- /J	AWX9790- /J AWX9831- /J AWX9832- /J AWX9833- /J AWX9834- /J AWX9835- /J
C3223	NM	0.01u/50
C3224	NM	0.01u/50

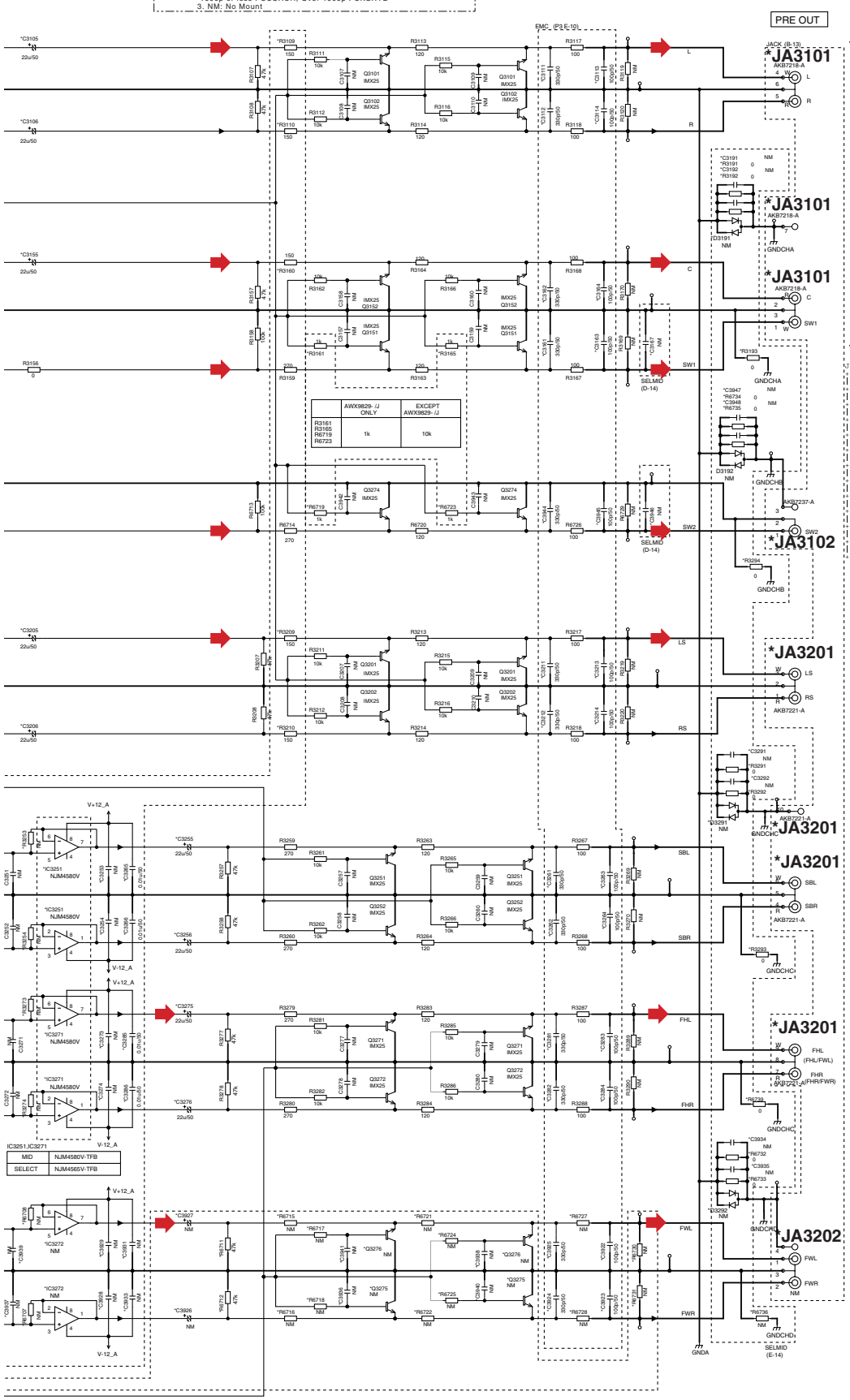
	AWX9767- /J AWX9828- /J AWX9829- /J AWX9934- /J AWX9830- /J	AWX9790- /J AWX9831- /J AWX9832- /J AWX9833- /J AWX9834- /J AWX9835- /J
R6701	NM	47K
R6702	47K	NM

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

ponent parts should be replaced
ation authorized) of identical

NOTE
1. RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated Power: 1/10w unless otherwise noted.
Toleranee: (J)5% unless otherwise noted.
2125 : RS1/8SQ
NO MARKED : RS1/10SR
2. CAPACITORS
No marked Ceramic Capacitors are CKSRYB.
No marked Electrolytic Capaciters are CEAT(VSX and VSA series)
No marked Electrolytic Capaciters are CEAK(SC series)
CH:CCSRCH CFHX:CFHXSQ unless otherwise noted.
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
1000p or less : CCSRCH, Over 1000p : CKSRYB
3. NM: No Mount

A2/3 AUDIO ASSY (2/3)
(SC-57 : AWX9790)
(SC-55/SC-1526-K : AWX9833)



	AWX9829- /J ONLY	EXCEPT AWX9829- /J
R3161 R3165 R6719 R6723	1k	10k

JACK

	JA3101	JA3102	JA3201	JA3202
AWX9790- /J	AKB7218-A	AKB7237-A	AKB7221-A	AKB7234-A
AWX9831- /J	AKB7218-A	AKB7237-A	AKB7221-A	AKB7234-A
AWX9832- /J	AKB7218-A	AKB7237-A	AKB7221-A	AKB7234-A
AWX9833- /J	XKB3017-A	AKB7236-A	XKB3037-A	AKB7233-A
AWX9834- /J	XKB3017-A	AKB7236-A	XKB3037-A	AKB7233-A
AWX9835- /J	XKB3017-A	AKB7236-A	XKB3037-A	AKB7233-A
AWX9767- /J	XKB3017-A	AKB7236-A	XKB3037-A	NM
AWX9828- /J	XKB3017-A	AKB7236-A	XKB3037-A	NM
AWX9829- /J	XKB3017-A	AKB7236-A	XKB3037-A	NM
AWX9934- /J	XKB3017-A	AKB7236-A	XKB3037-A	NM
AWX9830- /J	XKB3017-A	AKB7236-A	XKB3037-A	NM

SELMID

	AWX9790- /J AWX9831- /J AWX9832- /J AWX9833- /J AWX9834- /J AWX9835- /J	AWX9767- /J AWX9828- /J AWX9829- /J AWX9830- /J AWX9934- /J
C3167	10p/50	NM
C3946	10p/50	NM

SELMID

	AWX9790- /J AWX9831- /J AWX9832- /J AWX9833- /J AWX9834- /J AWX9835- /J	AWX9767- /J AWX9828- /J AWX9829- /J AWX9830- /J AWX9934- /J
C3191	0.1u/50	NM
C3192	470p/50	NM
C3291	0.1u/50	NM
C3292	470p/50	NM
C3934	0.1u/50	NM
C3935	470p/50	NM
C3947	0.01u/50	NM
C3948	470p/50	NM
R3191	NM	0
R3192	NM	0
R3193	NM	0
R3291	NM	0
R3292	NM	0
R3293	NM	0
R3294	NM	0
R6732	NM	0
R6733	NM	0
R6734	NM	0
R6735	NM	0
R6736	NM	NM
R6739	NM	0
D3191	NM	NM
D3291	NM	NM
D3292	NM	NM

FH/FW

	AWX9790- /J AWX9831- /J AWX9832- /J AWX9833- /J AWX9834- /J AWX9835- /J	AWX9767- /J AWX9828- /J AWX9829- /J AWX9830- /J AWX9931- /J
C3926	22u/50	NM
C3927	22u/50	NM
C3936	NM	NM
C3938	NM	NM
C3940	NM	NM
C3941	NM	NM
R6703	100k	NM
R6704	100k	NM
R6705	100	NM
R6706	100	NM
R6711	47k	NM
R6712	47k	NM
R6715	270	NM
R6716	270	NM
R6717	10k	NM
R6718	10k	NM
R6721	120	NM
R6722	120	NM
R6724	10k	NM
R6725	10k	NM
R6730	NM	NM
R6731	NM	NM
Q3275	IMX25	NM
Q3276	IMX25	NM

: Audio Signal Route

A2/3

10.3 AUDIO ASSY (3/3)

PHONO (P1 I-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	220p/50	NM
C2662	NM	220p/50	NM
C2663	10u/50	10u/50	NM
C2664	10u/50	10u/50	NM
C2665	NM	330p/50	NM
C2666	NM	330p/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	8200p/50	8200p/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	10u/50	10u/50	NM
C2678	10u/50	10u/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
R2678	0	0	0
R2680	0	0	0
R2683	NM	NM	NM
L2661	NM	NM	NM
L2662	NM	NM	NM
L2663	NM	NM	NM
L2664	NM	NM	NM
IC2661	NJM4565MD	NJM4565MD	NM

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

	EXCEPT 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
C2542	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

TUNER (P1 J-13)

	AWX9790- /J AWX9831- /J AWX9833- /J AWX9834- /J	AWX9832- /J AWX9835- /J	AWX9767- /J AWX9828- /J AWX9934- /J AWX9830- /J	AWX9829- /J
C3901	27p/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	NM	0
R3912	NM	NM	NM	0
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	NM	47k	NM	47k
R3921	NM	47k	NM	47k
CN3902	96048-09C	NM	96048-09C	NM
D3901	NM	NM	NM	NM
D3902	UDZS5R6(B)	NM	UDZS5R6(B)	NM
D3903	UDZS3R3(B)	NM	UDZS3R3(B)	NM
Q3901	2SD1664(PQR)	NM	2SD1664(PQR)	NM

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
C3103	0.01u/16	NM
C3104	0.01u/16	NM
C3115	NM	NM
C3116	NM	NM
C3153	0.01u/16	NM
C3154	0.01u/16	NM
C3165	NM	NM
C3166	NM	NM
C3203	0.01u/16	NM
C3204	0.01u/16	NM
C3215	NM	NM
C3216	NM	NM
C3253	0.01u/16	NM
C3254	0.01u/16	NM
C3265	NM	0.01u/50
C3266	NM	0.01u/50
C3273	0.01u/16	NM
C3274	0.01u/16	NM
C3285	NM	0.01u/50
C3286	NM	0.01u/50
C3928	0.01u/16	NM
C3929	0.01u/16	NM
C3931	NM	NM
C3933	NM	NM
C3937	NM	NM
C3939	NM	NM
R3101	100	0
R3102	100	0
R3103	NM	0
R3104	NM	0
R3109	270	150
R3110	270	150
R3151	100	0
R3153	NM	0
R3154	0	NM
R3160	270	150
R3201	100	0
R3202	100	0
R3203	NM	0
R3204	NM	0
R3209	270	150
R3210	270	150
R3253	NM	NM
R3254	NM	NM
R3273	NM	NM
R3274	NM	NM
R6707	NM	NM
R6708	NM	NM
IC3101	NJM4580V	NM
IC3151	NJM4580V	NM
IC3201	NJM4580V	NM
IC3251	NJM4580V	NJM4580V
IC3271	NJM4580V	NJM4565V
IC3272	NJM4580V	NJM4565V

A3/3 AUDIO ASSY (3/3)
(SC-57 : AWX9790)
(SC-55/SC-1526-K : AWX9833)

SELMID(P1)

	AWX9790- /J	AWX9831- /J	AWX9832- /J	AWX9833- /J	AWX9834- /J	AWX9835- /J	AWX9767- /J	AWX9828- /J	AWX9829- /J	AWX9934- /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	1.6k	1.6k	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
R2831	10	10	10	10	10	10	0	0	0	0	0
R2832	10	10	10	10	10	10	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	47k	47k	47k	47k	47k	47k	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
R3018	NM	NM	NM	NM	NM	NM	0	0	0	0	0
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	4.7M	4.7M	470k	4.7M	4.7M	470k	NM	4.7M	3.9k	NM	NM
R3032	5.6k	5.6k	470k	5.6k	5.6k	820k	8.2k	7.5k	2.2k	8.2k	8.2k
R3034	NM	NM	NM	NM	NM	NM	NM	NM	3K	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
R6751	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
C2862	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)

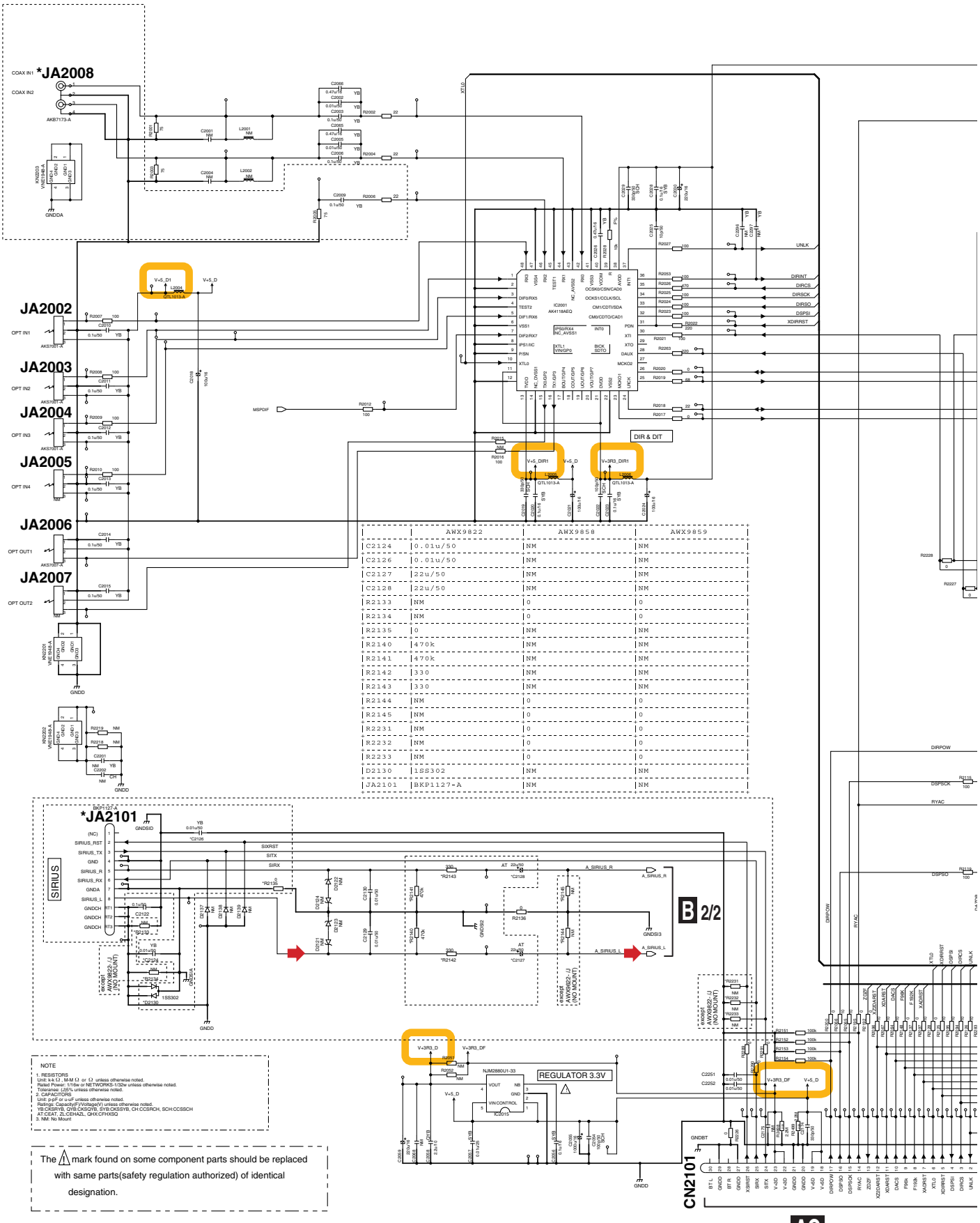
	AWX9790- /J AWX9831- /J AWX9832- /J AWX9833- /J AWX9834- /J AWX9835- /J	AWX9767- /J AWX9828- /J AWX9829- /J AWX9934- /J AWX9830- /J
C2826	10u/50	NM
C2827	10u/50	NM
C2828	ACH1479-A	NM
C2829	100p/50	NM
C2830	100p/50	NM
C2831	NM	NM
C2832	100p/50	NM
C2833	NM	NM
C2834	0.01u/16	NM
C2835	0.01u/16	NM
C2836	ACH1479-A	NM
C3953	10u/50	NM
C3954	10u/50	NM
R2609	NM	NM
R2610	NM	NM
R2611	1k	NM
R2612	1k	NM
R6747	47k	NM
R6748	47k	NM
IC3273	BD3473KS2	NM
D2692	1SS302	NM

EMC (P2 B-11)

	EXCEPT AWX9828- /J AWX9934- /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
C3161	NM	330p/50	330p/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
C3212	NM	330p/50	330p/50
C3213	NM	100p/50	100p/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
C3922	NM	100p/50	NM
C3923	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-kΩ , M-MΩ or Ω unless otherwise noted.
Rated Power: 1/10w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
2125 : RS1/8SQ
NO MARKED : RS1/10SR
2. CAPACITORS
No marked Ceramic Capacitors are CKSRYB.
No marked Electrolytic Capacitors are CEAT(VSX and VSA series)
No marked Electrolytic Capacitors are CEAK(SC series)
CH:CCSRCH CFHX:CFHXSQ unless otherwise noted.
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
1000p or less : CCSRCH, Over 1000p : CKSRYB
3. NM: No Mount

10.4 DAC HIGH ASSY (1/2)

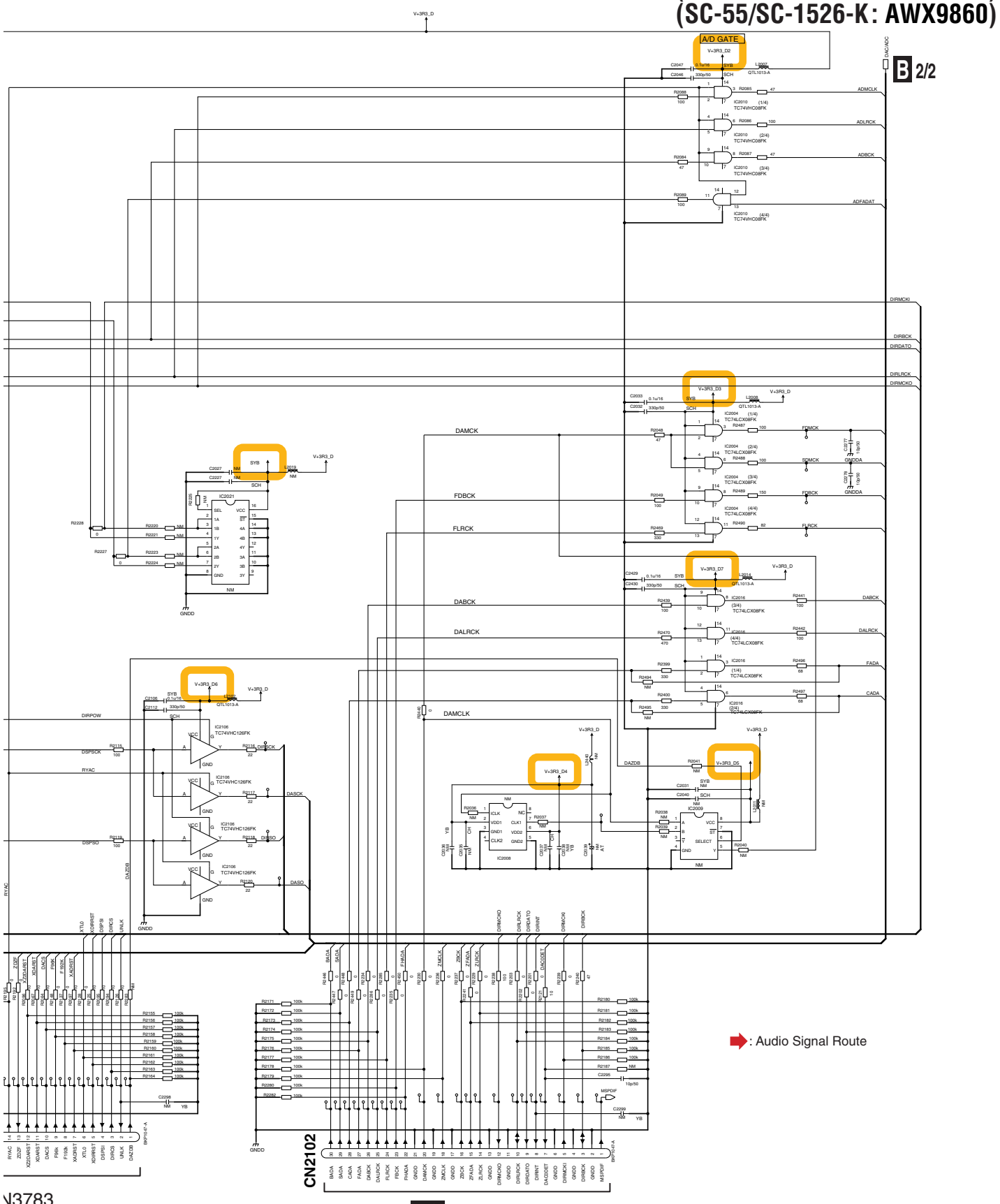


	AWX9822	AWX9858	AWX9859
C2124	0.01u/50	NM	NM
C2126	0.01u/50	NM	NM
C2127	22u/50	NM	NM
C2128	22u/50	NM	NM
R2133	NM	0	0
R2134	NM	0	0
R2135	0	NM	NM
R2140	470k	NM	NM
R2141	470k	NM	NM
R2142	330	NM	NM
R2143	330	NM	NM
R2144	NM	0	0
R2145	NM	0	0
R2231	NM	0	0
R2232	NM	0	0
R2233	NM	0	0
D2130	1SS302	NM	NM
JA2101	BKP1127-A	NM	NM

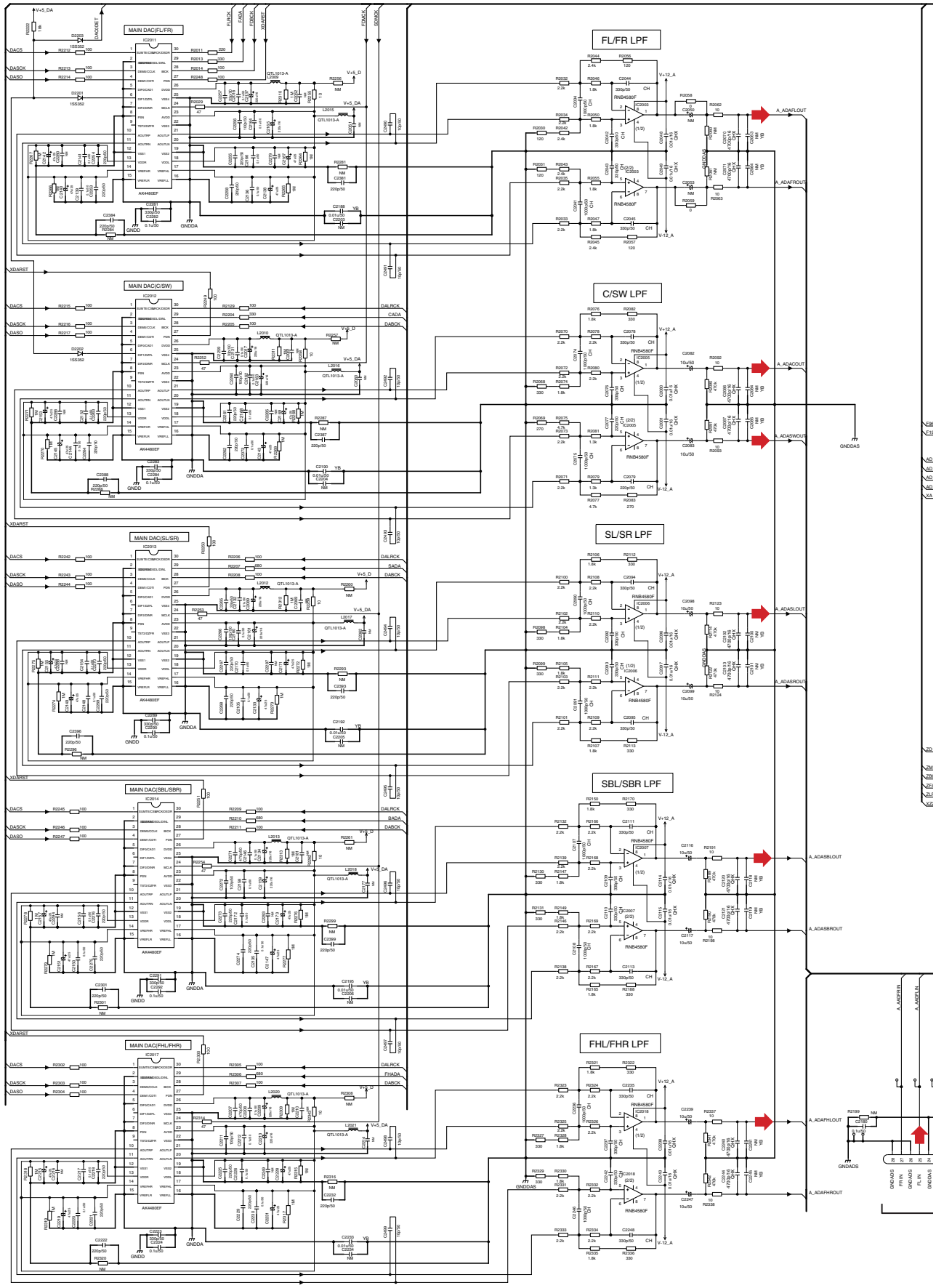
NOTE
1. RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w or NETWORKS-1/32w unless otherwise noted.
Tolerance: J(5% unless otherwise noted.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
YB:CKSRYB, QYB:CKSQYB, SYB:CKSSYB, CH:CCSCH, SCH:CCSSCH
AT:CEAT, ZL:CEHAZL, CH/X:CPHX5G
3. NM: No Mount

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

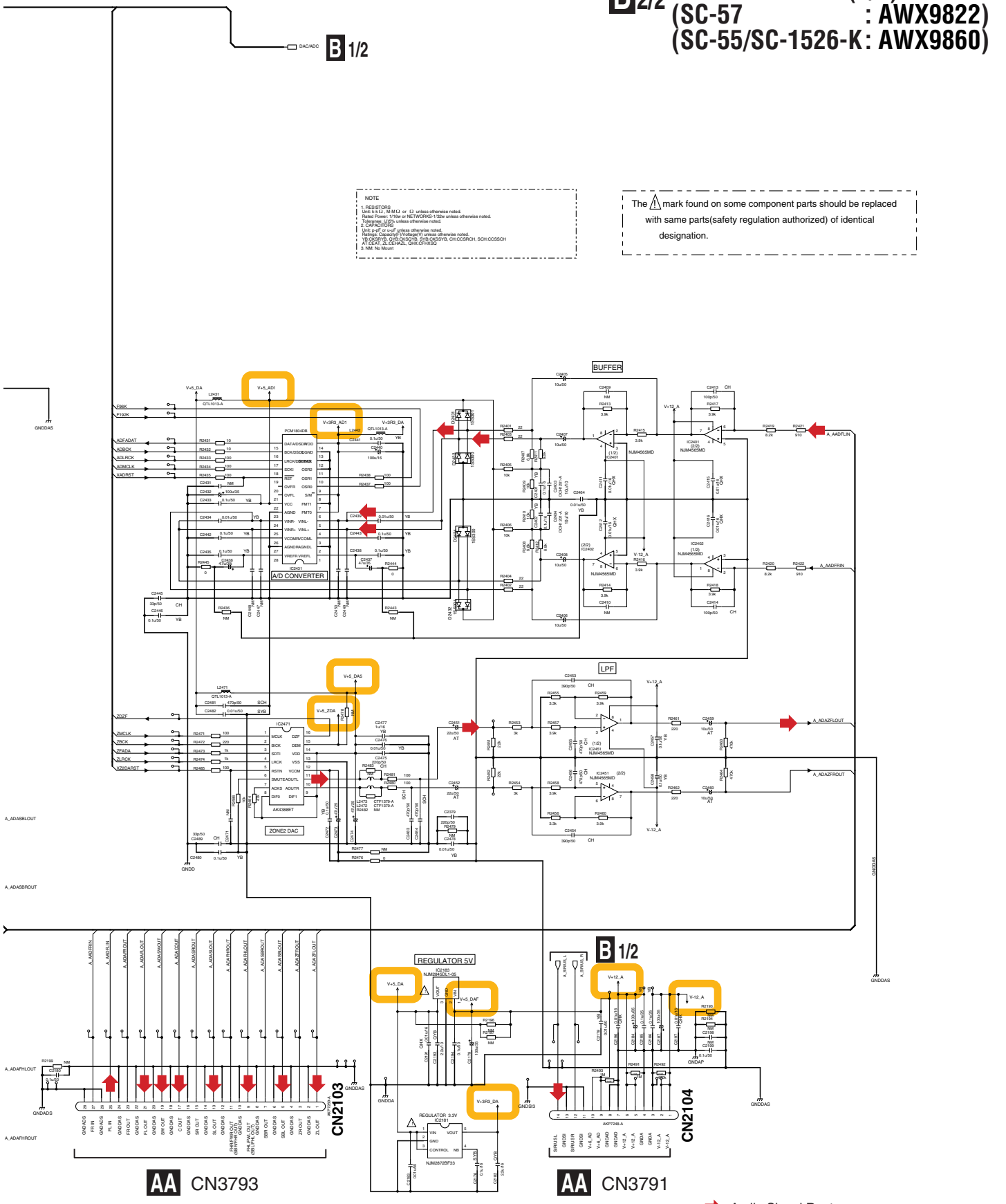
B1/2 DAC HIGH ASSY (1/2)
(SC-57 : AWX9822)
(SC-55/SC-1526-K : AWX9860)



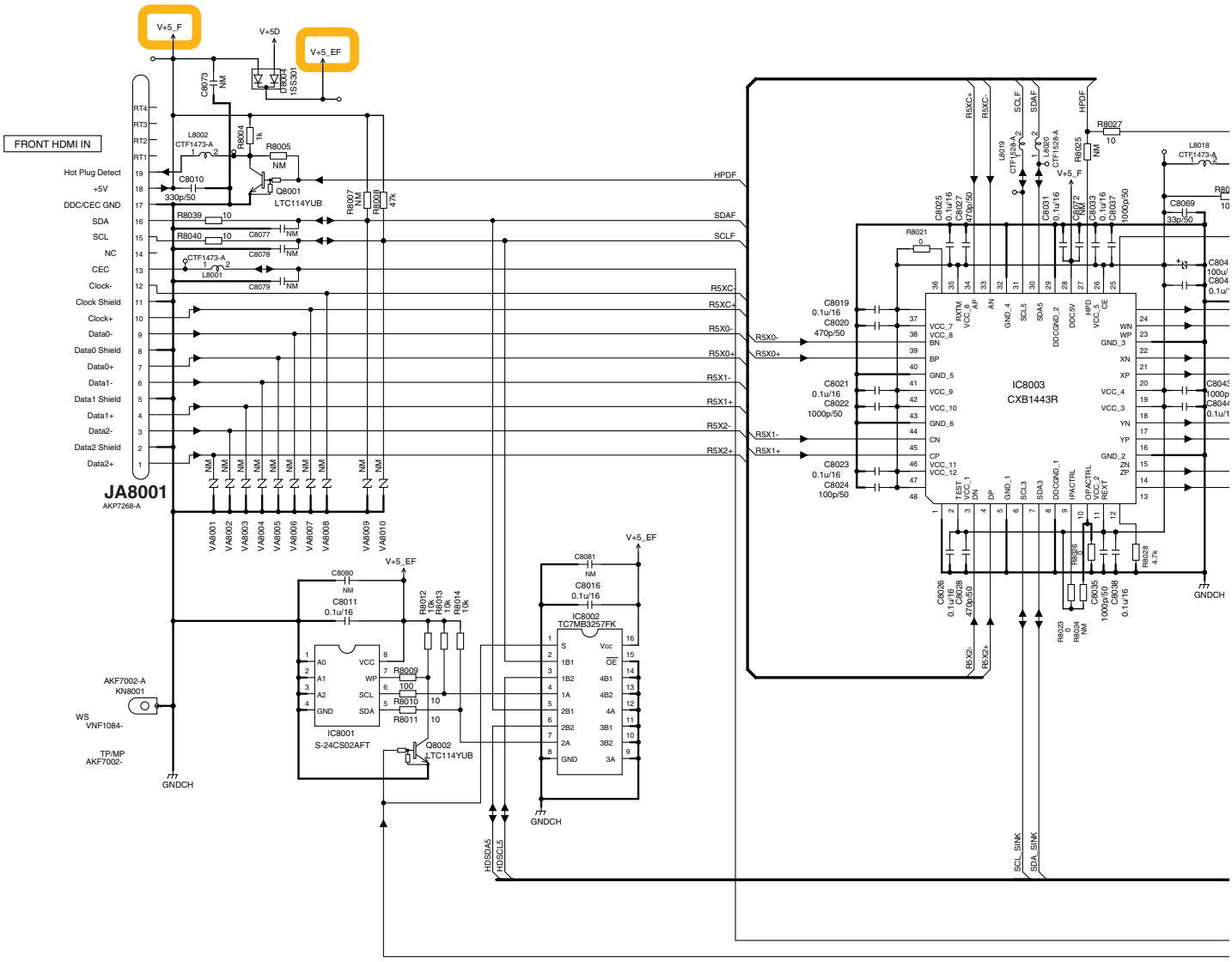
10.5 DAC HIGH ASSY (2/2)

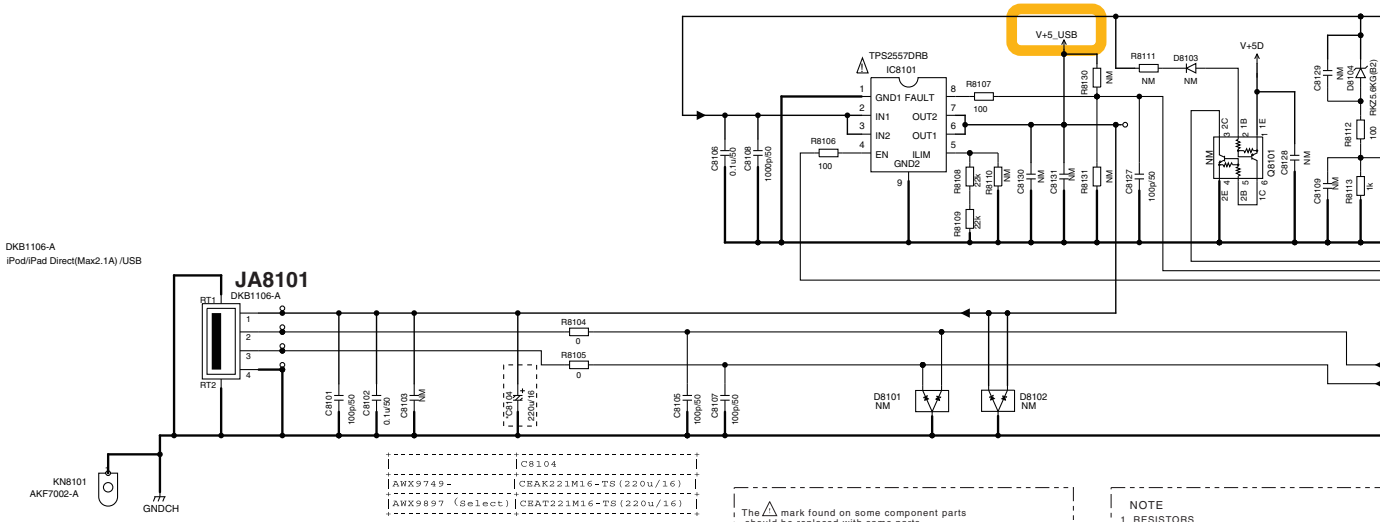


B 2/2 DAC HIGH ASSY (2/2)
(SC-57 : AWX9822)
(SC-55/SC-1526-K : AWX9860)



10.6 FRONT HDMI USB ASSY

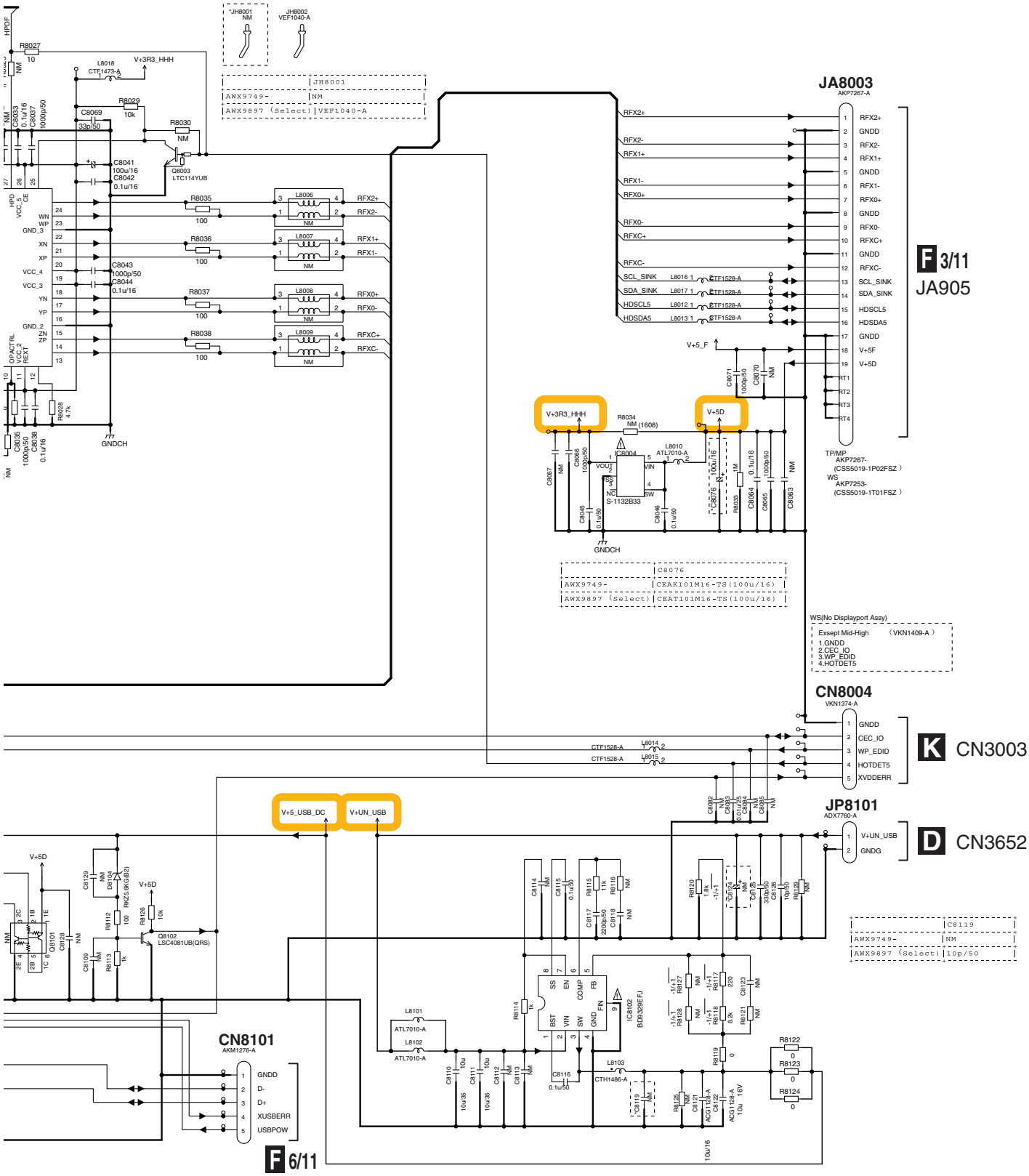




The △ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

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
No marked Capacitors are CEAT or CKSRYB or CKS
CH: CCSRCH or CCSSCH
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise no
3. NM: No Mount

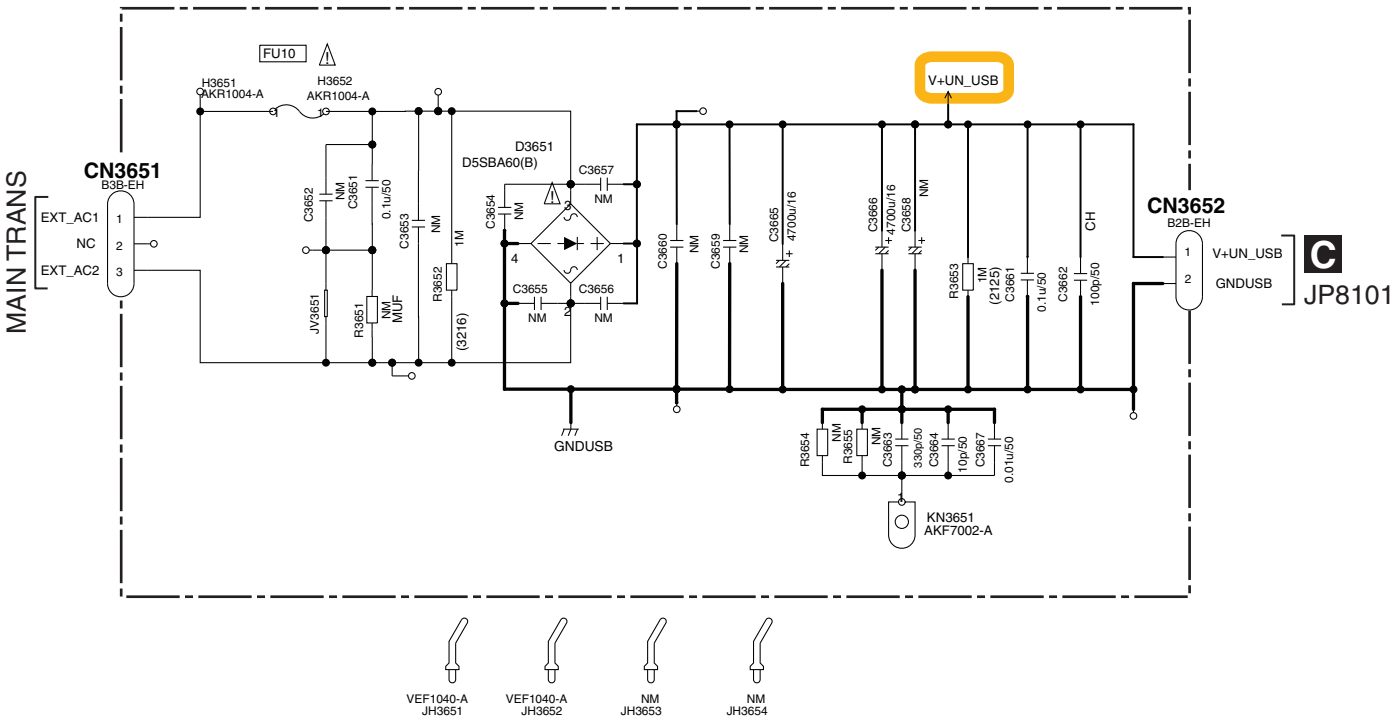
C FRONT HDMI USB ASSY (AWX9749)



SC-57

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.
Toleranee: (J)5% unless otherwise noted.
MUF : RD1/4MUF
2125 : RS1/8SQ

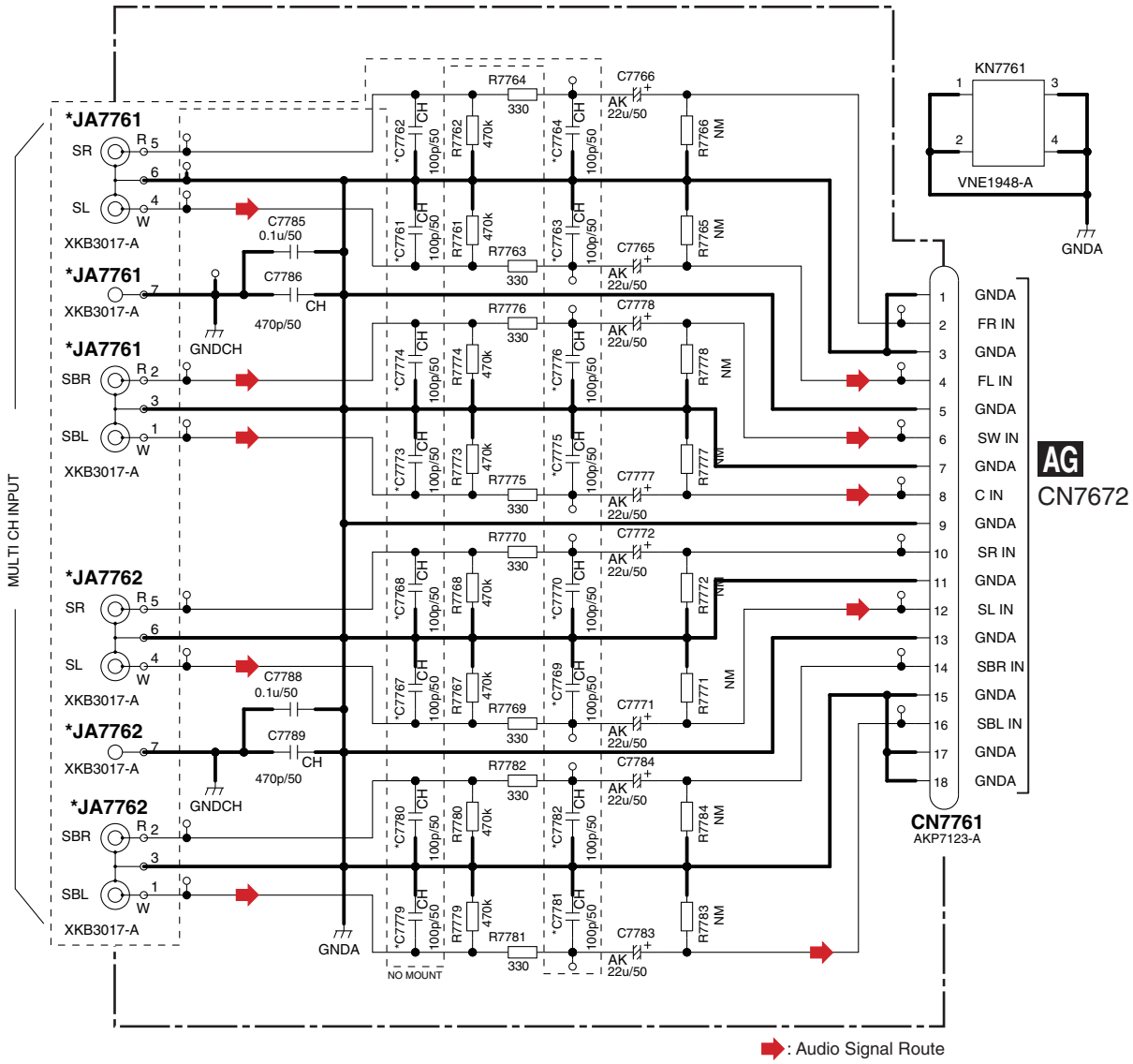
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
CH : CCSRCH
NO MARKED : CEAT or CKSRYB

3. NM : NO MOUNT

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

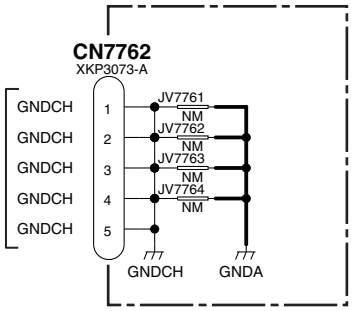
	AWX9856	AWX9857
C7761	100p/50	NM
C7762	100p/50	NM
C7763	100p/50	NM
C7764	100p/50	NM
C7767	100p/50	NM
C7768	100p/50	NM
C7769	100p/50	NM
C7770	100p/50	NM
C7773	100p/50	NM
C7774	100p/50	NM
C7775	100p/50	NM
C7776	100p/50	NM
C7779	100p/50	NM
C7780	100p/50	NM
C7781	100p/50	NM
C7782	100p/50	NM
JA7761	XKB3017-A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

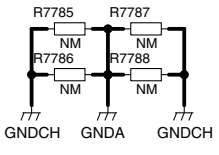
E MULTI CH IN ASSY (SC-57:AWX9857)

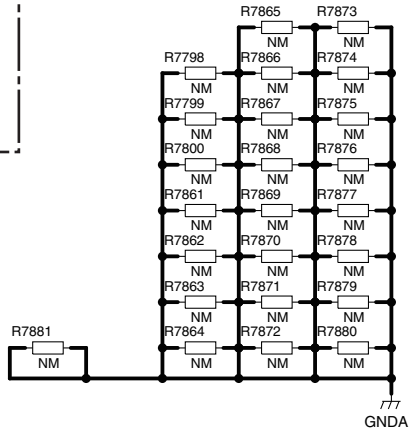


C JP8101

T CN5751



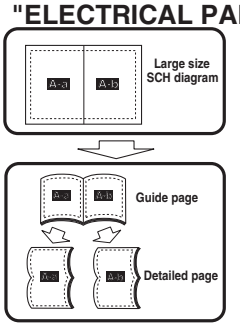


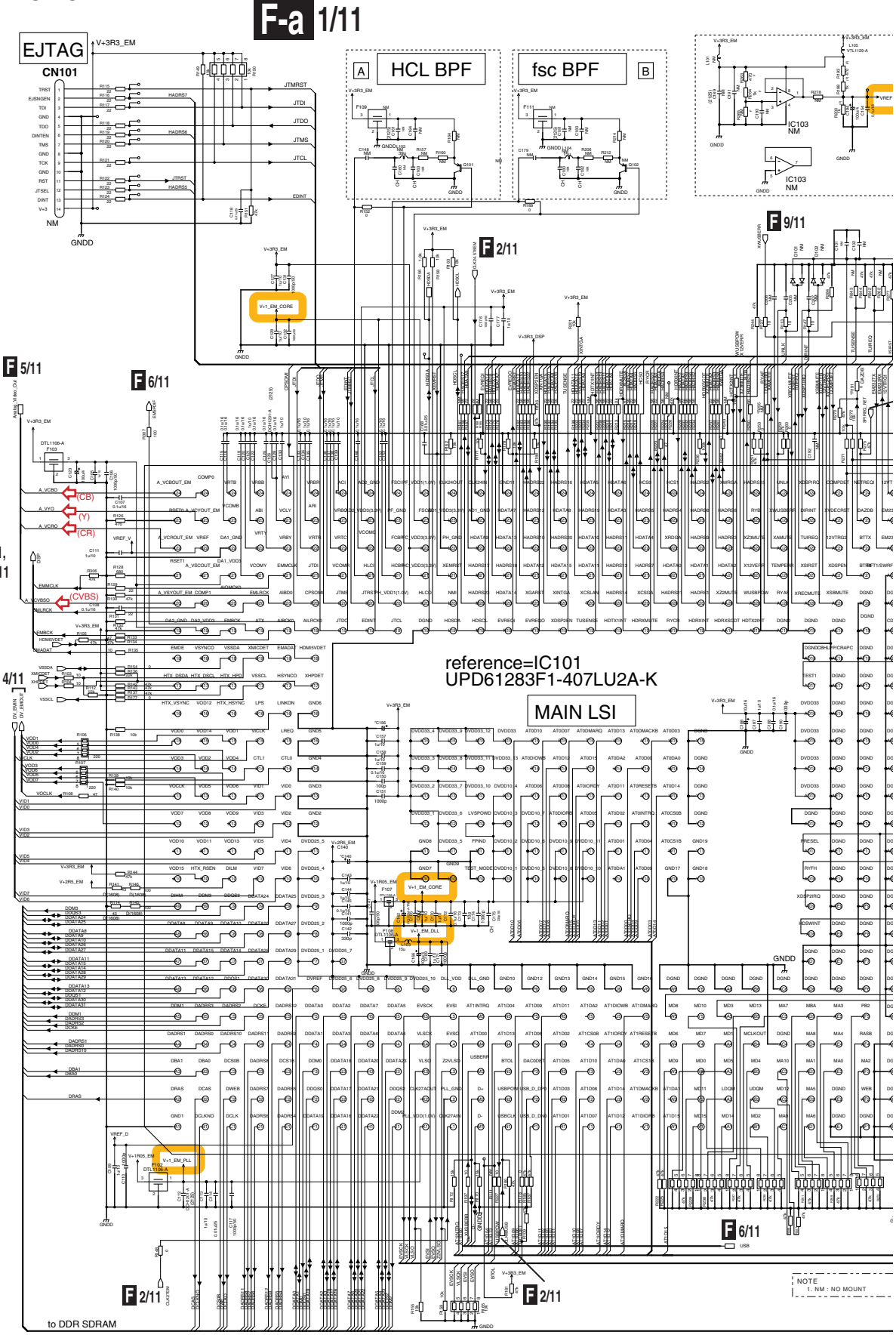


D E

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

F-b 1/11

F 9/11

F 2/11 - 8/11

DDR

MID:AYW7354- /J
SEL:AYW7345- /J

IC103 NM

IC104 NJM12904V

IC401 MX29LV640ETT-70G

IC403 H5DU2562GTR-J3C Clock:166MHz

IC404 H5DU2562GTR-J3C

to FLASH

to DDR SDRAM

NOTE
1. NM : NO MOUNT

All 1u/10 is DCH1246-A.

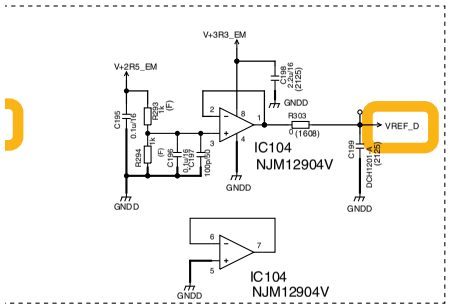
(CVBS): Video Signal Route
(CB): Video Signal Route
(CR): Video Signal Route
(Y): Video Signal Route

F 1/11

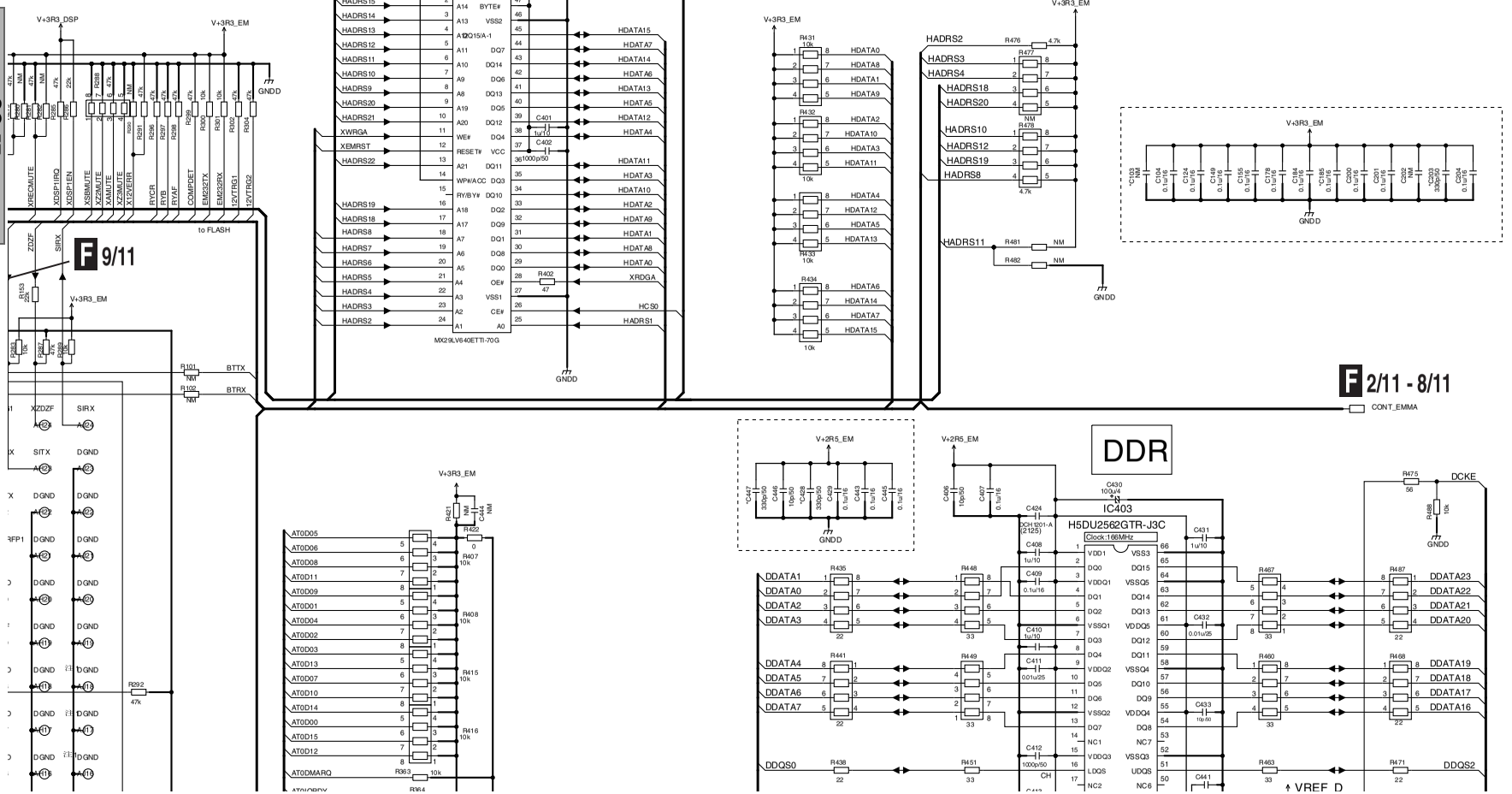
5 6 7 8

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

SC-57



MID:AYW7354- /J
SEL:AYW7345- /J

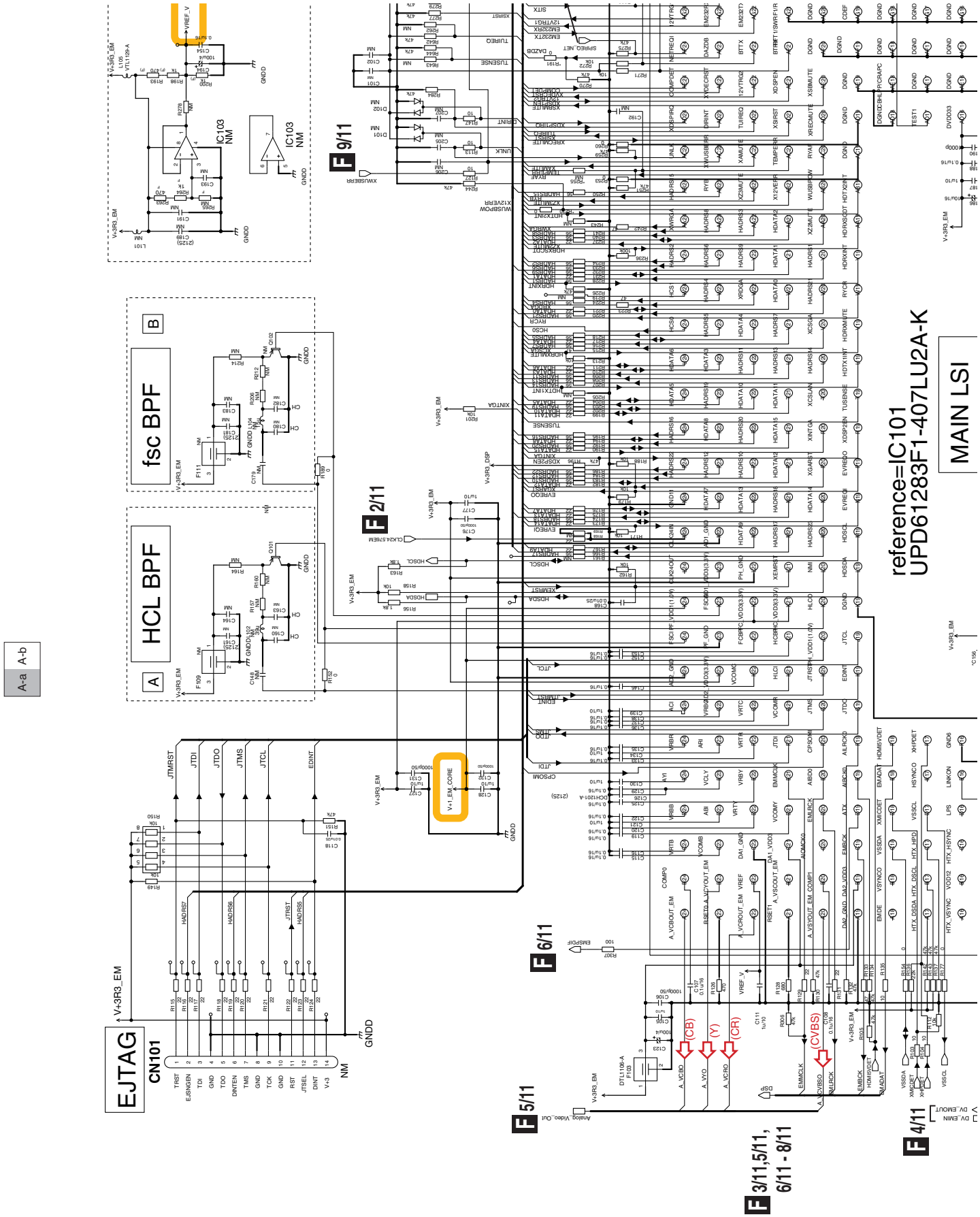


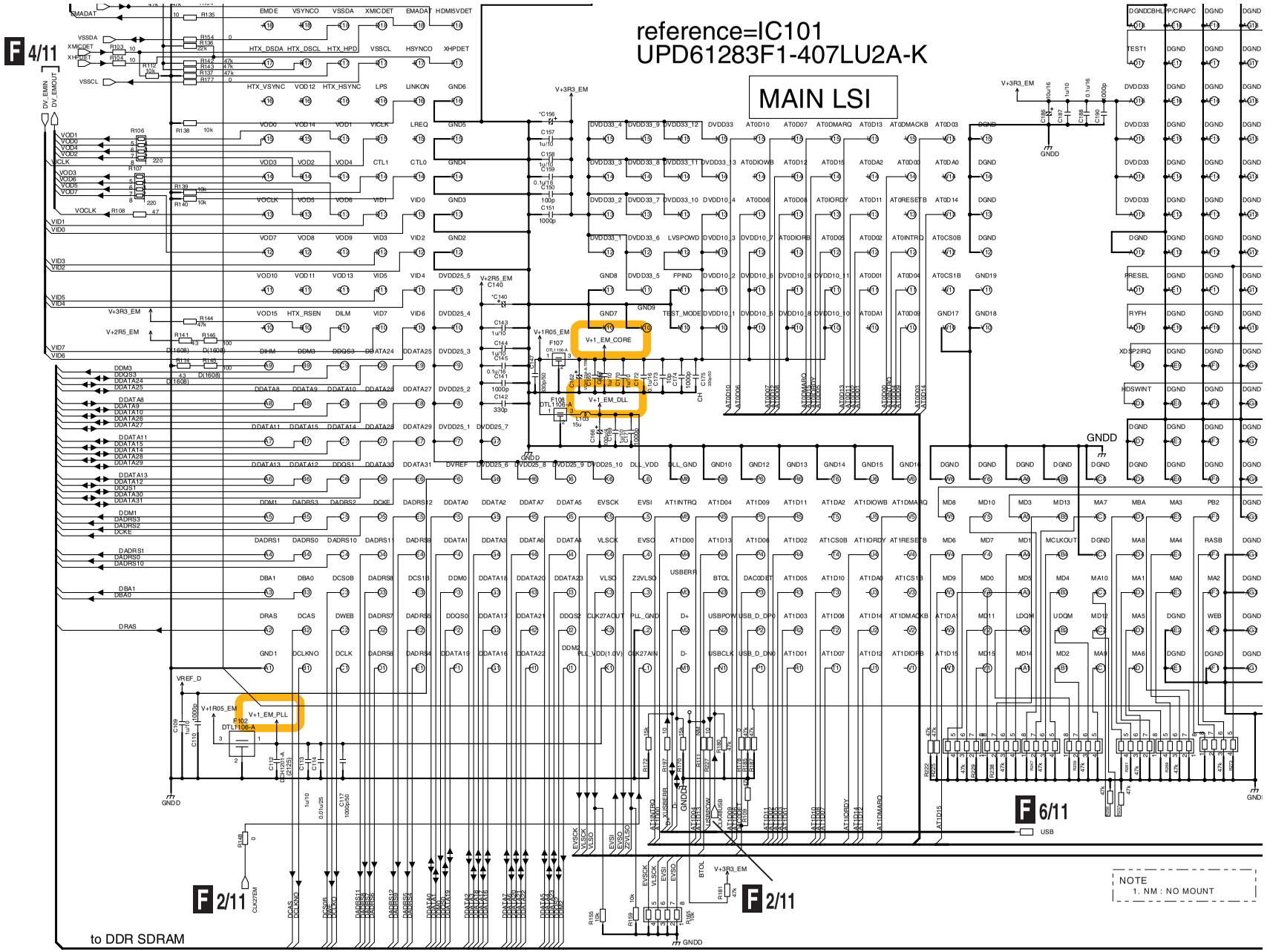
(CVBS): Video Signal Route
(CB): Video Signal Route
(CR): Video Signal Route
(Y): Video Signal Route

All 1u/10 is DCH1246-A.

	AWX9727(MK_SY,J)	AWX9824(ML_CU,GEN)	AWX9824(SH_CU)	AWX9825(SL_CU)	AWX9827(MK_CU,GEN)	AWX9930(SH_SY,GEN&SL_SY)	AWX9931(SH_J)	AWX9950(ML_SY,J)
C103	NM	10p/50	10p/50	10p/50	NM	10p/50	10p/50	NM
C140	VCH1277-A	220u/4	220u/4	220u/4	VCH1277-A	220u/4	220u/4	220u/4
C156	VCH1268-A	100u/4	100u/4	100u/4	VCH1268-A	100u/4	100u/4	100u/4
C185	10p/50	0.1u/16	0.1u/16	0.1u/16	10p/50	10p/50	10p/50	10p/50
C197	100p/50	NM	NM	NM	NM	NM	NM	100p/50
C203	330p/50	0.1u/16	0.1u/16	0.1u/16	0.1u/16	0.1u/16	0.1u/16	330p/50
C428	330p/50	0.1u/16	0.1u/16	0.1u/16	0.1u/16	0.1u/16	0.1u/16	330p/50
C447	330p/50	0.1u/16	0.1u/16	0.1u/16	0.1u/16	0.1u/16	0.1u/16	330p/50
R191	10	0	0	0	10	10	10	10
R230	10	0	0	0	10	10	10	10
R255	NM	NM	0	0	NM	0	0	NM

A-a A-b


reference=IC101
UPD61283F1-407LU2A-K
MAIN LSI
fsc BPF
HCL BPF
EJTAG
CN101
F 9/11
F 2/11
F 6/11
F 5/11
F 3/11,5/11, 6/11 - 8/11
F 4/11
A-a
A-b


reference=IC101
UPD61283F1-407LU2A-K
MAIN LSI
F 4/11
F 2/11
F 2/11
F 6/11
USB
to DDR SDRAM
V+1_EM_CORE
V+1_EM_DLL
V+1_EM_PLL
NOTE
1. NM : NO MOUNT

10.9 DIGITAL MAIN ASSY (2/11)

	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)
C619	100p/50	100p/50	100p/50	100p/50	100p/50	100p/50	100p/50	100p/50
C650	100p/50	100p/50	100p/50	100p/50	100p/50	100p/50	100p/50	100p/50
C652	100p/50	100p/50	0.1u/16	0.1u/16	100p/50	100p/50	100p/50	100p/50
C657	0.1u/16	0.1u/16	1000p/50	1000p/50	0.1u/16	0.1u/16	0.1u/16	0.1u/16
C658	0.1u/16	0.1u/16	1000p/50	1000p/50	0.1u/16	0.1u/16	0.1u/16	0.1u/16
C661	100p/50	100p/50	0.1u/16	0.1u/16	100p/50	100p/50	100p/50	100p/50
C671	1000p/50	1000p/50	0.1u/16	0.1u/16	1000p/50	1000p/50	1000p/50	1000p/50
C672	0.1u/16	0.1u/16	1000p/50	1000p/50	0.1u/16	0.1u/16	0.1u/16	0.1u/16
C677	330p/50	330p/50	1000p/50	1000p/50	330p/50	330p/50	330p/50	330p/50
R610	1M	NM	NM	NM	NM	NM	NM	1M
R615	10	10	0	0	10	0	0	10
R618	1M	NM	NM	NM	NM	NM	NM	1M
R624	10	10	0	0	10	0	0	10
R625	10	10	0	0	10	10	10	10
R638	100	56	56	56	56	100	56	100
R667	10	10	0	0	10	10	10	10
R686	NM	NM	100	100	NM	100	100	NM
R687	NM	NM	100	100	NM	100	100	NM
R688	NM	NM	100	100	NM	100	100	NM
R718	10	10	0	0	10	10	10	10
R723	10	10	0	0	10	10	10	10
R725	10	10	0	0	10	10	10	10

	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
C686	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
C758	10p/50	10p/50	NM	NM	10p/50	NM	NM	10p/50
C759	0.1u/16	0.1u/16	NM	NM	0.1u/16	NM	NM	0.1u/16
R652	100	100	NM	NM	100	NM	NM	100
R656	100	100	NM	NM	100	NM	NM	100
R665	100	100	NM	NM	100	NM	NM	100
R702	100	100	NM	NM	100	NM	NM	100
R703	100	100	NM	NM	100	NM	NM	100
R704	47k	47k	NM	NM	47k	NM	NM	47k
R710	47k	47k	NM	NM	47k	NM	NM	47k
R711	47k	47k	NM	NM	47k	NM	NM	47k
R712	47k	47k	NM	NM	47k	NM	NM	47k
R715	47k	47k	NM	NM	47k	NM	NM	47k
R722	100	100	NM	NM	100	NM	NM	100
R724	100	100	NM	NM	100	NM	NM	100
R728	100	100	NM	NM	100	NM	NM	100
R729	100	100	NM	NM	100	NM	NM	100
IC601	TC74VHCT08AFKS1	TC74VHCT08AFKS1	NM	NM	TC74VHCT08AFKS1	NM	NM	TC74VHC
IC607	TC74VHCT08AFKS1	TC74VHCT08AFKS1	NM	NM	TC74VHCT08AFKS1	NM	NM	TC74VHC
KN601	VNE1948-A	VNE1948-A	NM	NM	VNE1948-A	NM	NM	VNE1948-

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

F 3/11 - 10/11

F 6/11

F 9/11

F 1/11

F 2/11

NOTE
1. NM : NO MOUNT

	AWX9727(MH_SY_J)	AWX9824(ML_CU,GEN)	AWX9825(SH_CU)	AWX9826(SL_
C687	NM	NM	0.1u/16	0.1u/16
C688	NM	NM	0.1u/16	0.1u/16
C689	NM	NM	0.1u/16	0.1u/16
R776	NM	NM	47k	47k
R778	NM	NM	5.6k	5.6k
R780	NM	NM	47k	47k
R793	NM	NM	47k	47k
R795	NM	NM	5.6k	5.6k
R796	NM	NM	2.7k	2.7k
CN604	NM	NM	KM200NA2L	KM200NA2L
CN605	NM	NM	KM200NA3L	KM200NA3L
CN606	NM	NM	KM200NA2L	KM200NA2L
Q607	NM	NM	RN4983	RN4983
Q608	NM	NM	RN4983	RN4983
Q609	NM	NM	RN4983	RN4983
TP616	NM	NM	TESTPOINT	TESTPOINT
TP617	NM	NM	TESTPOINT	TESTPOINT
TP689	NM	NM	TESTPOINT	TESTPOINT
TP690	NM	NM	TESTPOINT	TESTPOINT
TP691	NM	NM	TESTPOINT	TESTPOINT

F 2/11 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

F 6/11

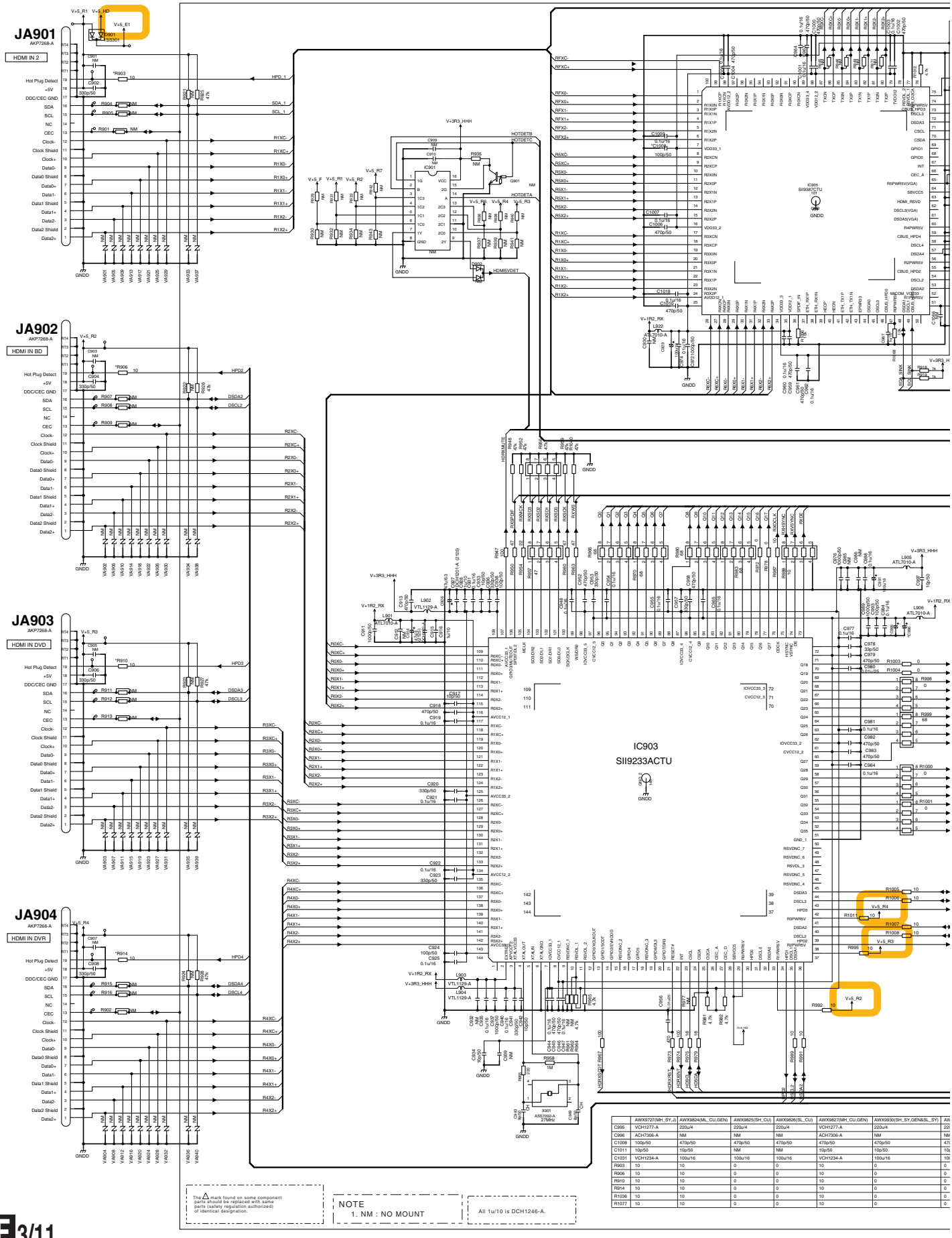
F 6/11

X9930(SH_SY,GEN&SL_SY)	AWX9931(SH_JI)	AWX9950(ML_SY_JI)
	NM	0.1u/16
	NM	10p/50
	NM	0.1u/16
	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	TC74VHCT08AFKS1
	NM	TC74VHCT08AFKS1
	NM	VNE1948-A

ML_CU,GEN)	AWX9825(SH_CU)	AWX9826(SL_CU)	AWX9827(MH_CU,GEN)	AWX9930(SH_SY,GEN&SL_SY)	AWX9931(SH_JI)	AWX9950(ML_SY_JI)
	0.1u/16	0.1u/16	NM	0.1u/16	0.1u/16	NM
	0.1u/16	0.1u/16	NM	0.1u/16	0.1u/16	NM
	0.1u/16	0.1u/16	NM	0.1u/16	0.1u/16	NM
	47k	47k	NM	47k	47k	NM
	5.6k	5.6k	NM	5.6k	5.6k	NM
	47k	47k	NM	47k	47k	NM
	47k	47k	NM	47k	47k	NM
	5.6k	5.6k	NM	5.6k	5.6k	NM
	2.7k	2.7k	NM	2.7k	2.7k	NM
	KM200NA2L	KM200NA2L	NM	KM200NA2L	KM200NA2L	NM
	KM200NA3L	KM200NA3L	NM	KM200NA3L	KM200NA3L	NM
	KM200NA2L	KM200NA2L	NM	KM200NA2L	KM200NA2L	NM
	RN4983	RN4983	NM	RN4983	RN4983	NM
	RN4983	RN4983	NM	RN4983	RN4983	NM
	RN4983	RN4983	NM	RN4983	RN4983	NM
	TESTPOINT	TESTPOINT	NM	TESTPOINT	TESTPOINT	NM
	TESTPOINT	TESTPOINT	NM	TESTPOINT	TESTPOINT	NM
	TESTPOINT	TESTPOINT	NM	TESTPOINT	TESTPOINT	NM
	TESTPOINT	TESTPOINT	NM	TESTPOINT	TESTPOINT	NM
	TESTPOINT	TESTPOINT	NM	TESTPOINT	TESTPOINT	NM

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

10.10 DIGITAL MAIN ASSY (3/11)



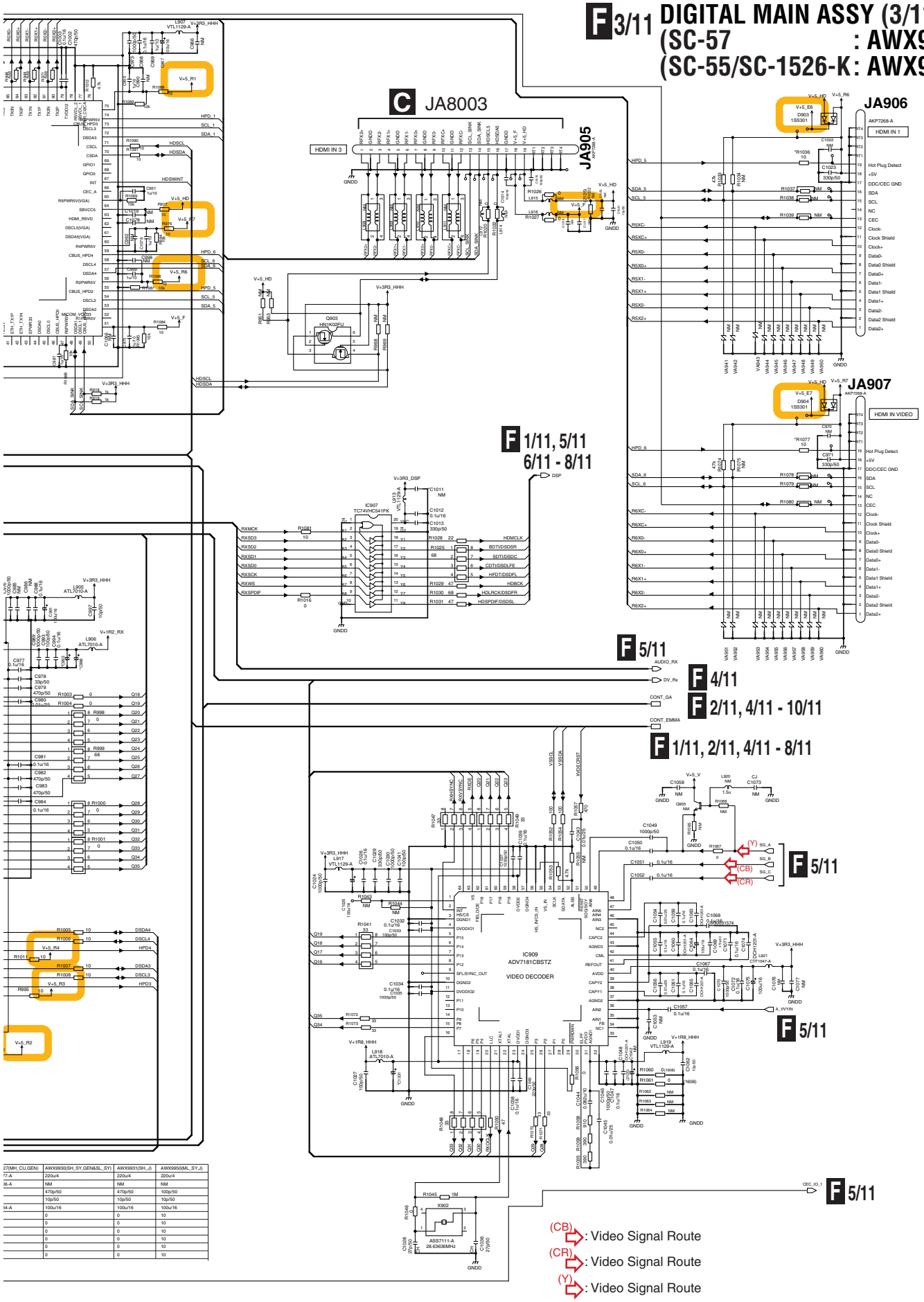
	AWX9727(MH_SY_J)	AWX9824(ML_CU,GEN)	AWX9825(SH_CU)	AWX9826(SL_CU)	AWX9827(MH_CU,GEN)	AWX9930(SH_SY,GEN&SL_SY)	AW
C995	VCH1277-A	220u/4	220u/4	220u/4	VCH1277-A	220u/4	22
C996	ACH7306-A	NM	NM	NM	ACH7306-A	NM	NM
C1008	100p/50	470p/50	470p/50	470p/50	470p/50	470p/50	47
C1011	10p/50	10p/50	NM	NM	10p/50	10p/50	10
C1031	VCH1234-A	100u/16	100u/16	100u/16	VCH1234-A	100u/16	10
R903	10	10	0	0	10	0	0
R906	10	10	0	0	10	0	0
R910	10	10	0	0	10	0	0
R914	10	10	0	0	10	0	0
R1036	10	10	0	0	10	0	0
R1077	10	10	0	0	10	0	0

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

NOTE
1. NM : NO MOUNT

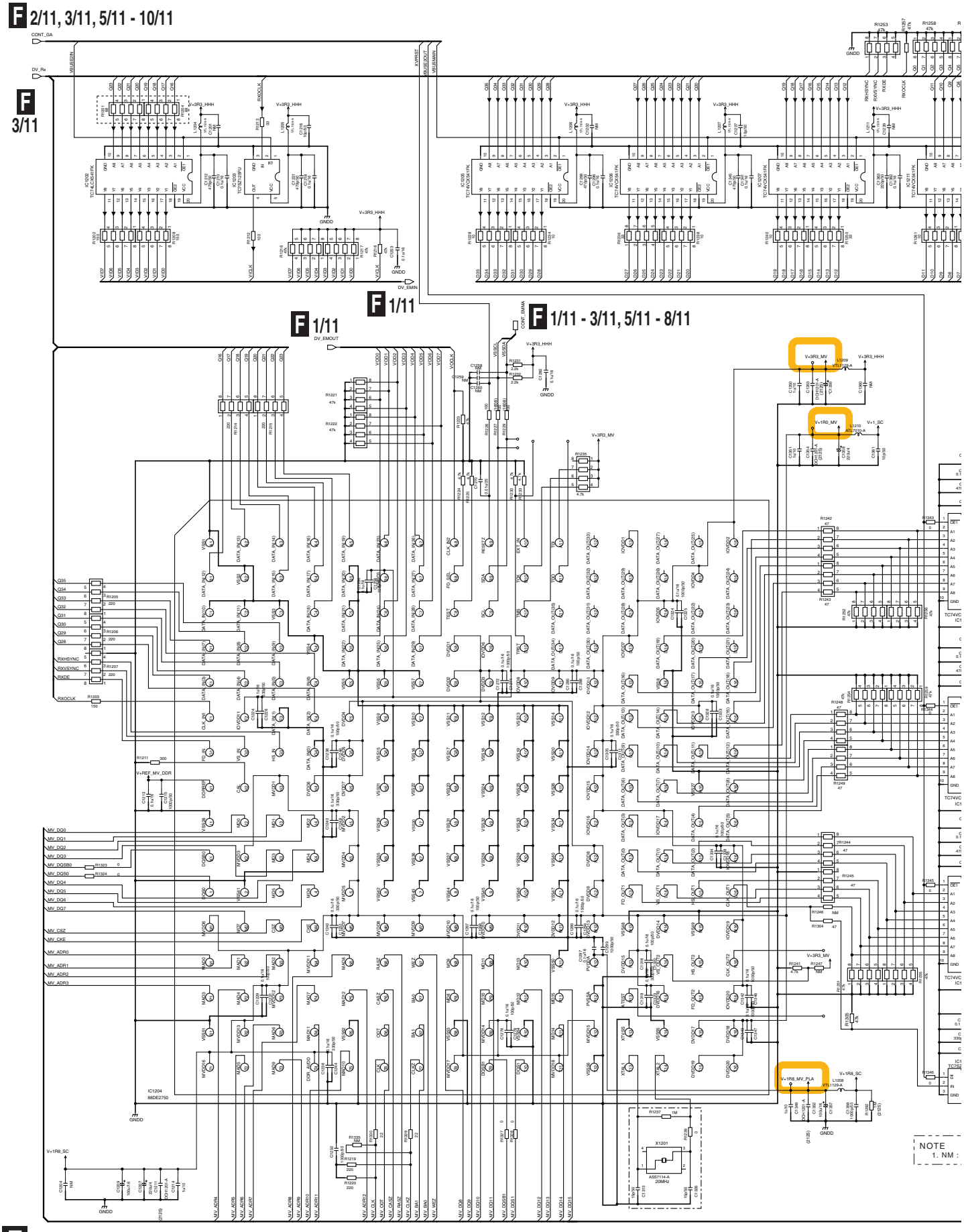
All 1u/10 is DCH1246-A.

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

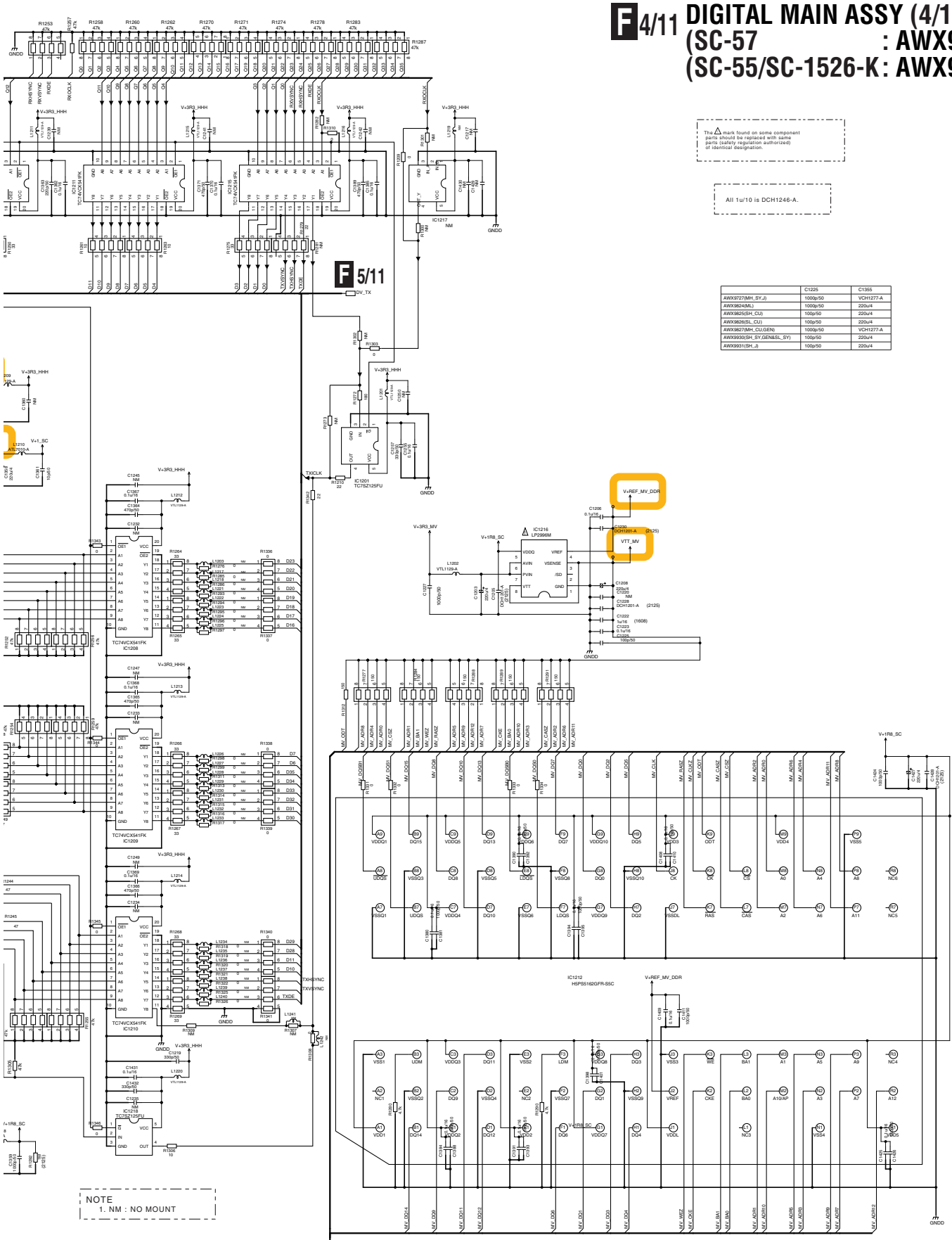


27(MH_CU,GEN)	AWX9930(SH_SY,GEN&SL_SY)	AWX9931(SH_J)	AWX9950(ML_SY,J)
77-A	220u/4	220u/4	220u/4
36-A	NM	NM	NM
	470p/50	470p/50	100p/50
	10p/50	10p/50	10p/50
04-A	100u/16	100u/16	100u/16
	0	0	10
	0	0	10
	0	0	10
	0	0	10
	0	0	10

10.11 DIGITAL MAIN ASSY (4/11)

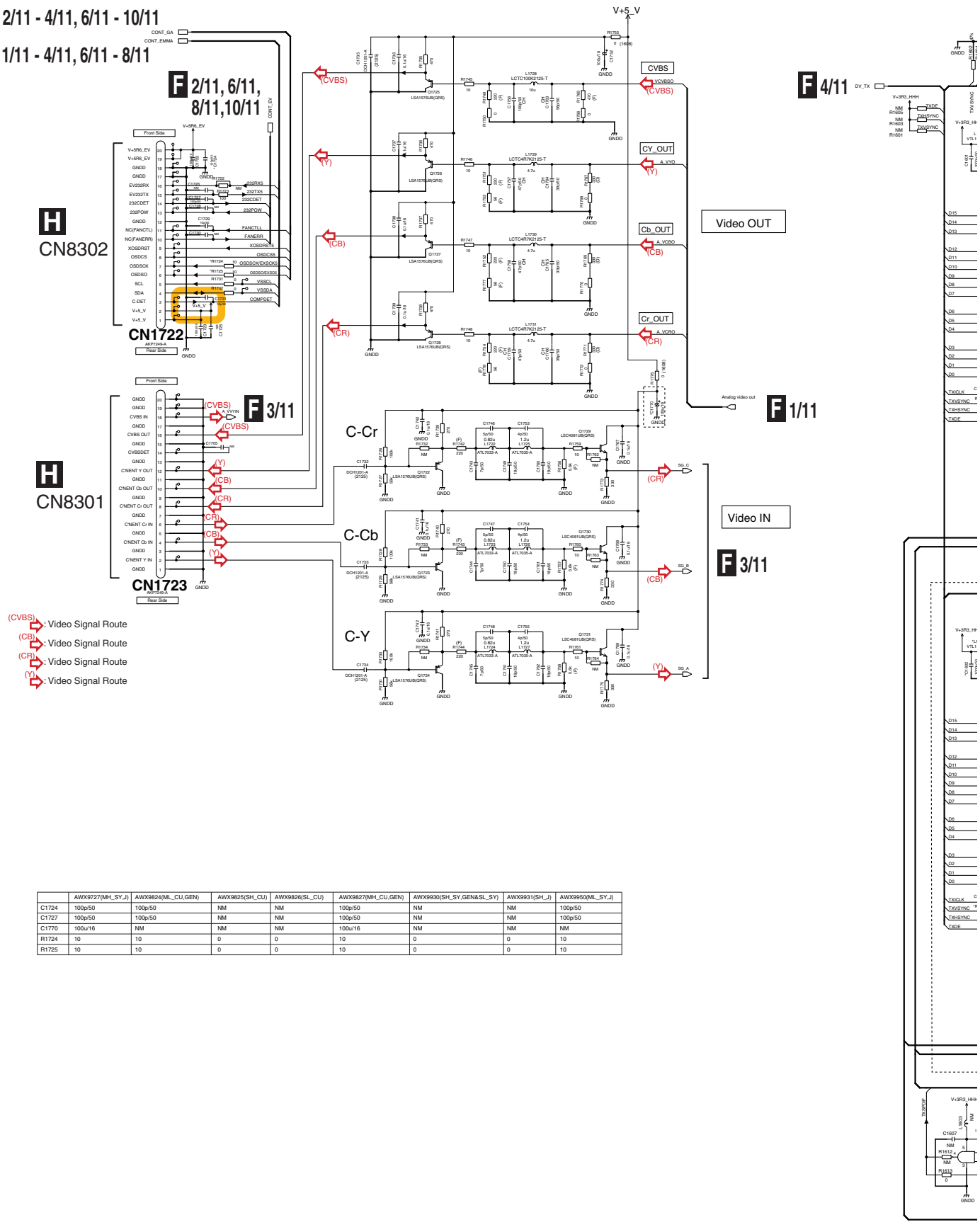


F 4/11 DIGITAL MAIN ASSY (4/11)
(SC-57 : AWX9827)
(SC-55/SC-1526-K : AWX9824)



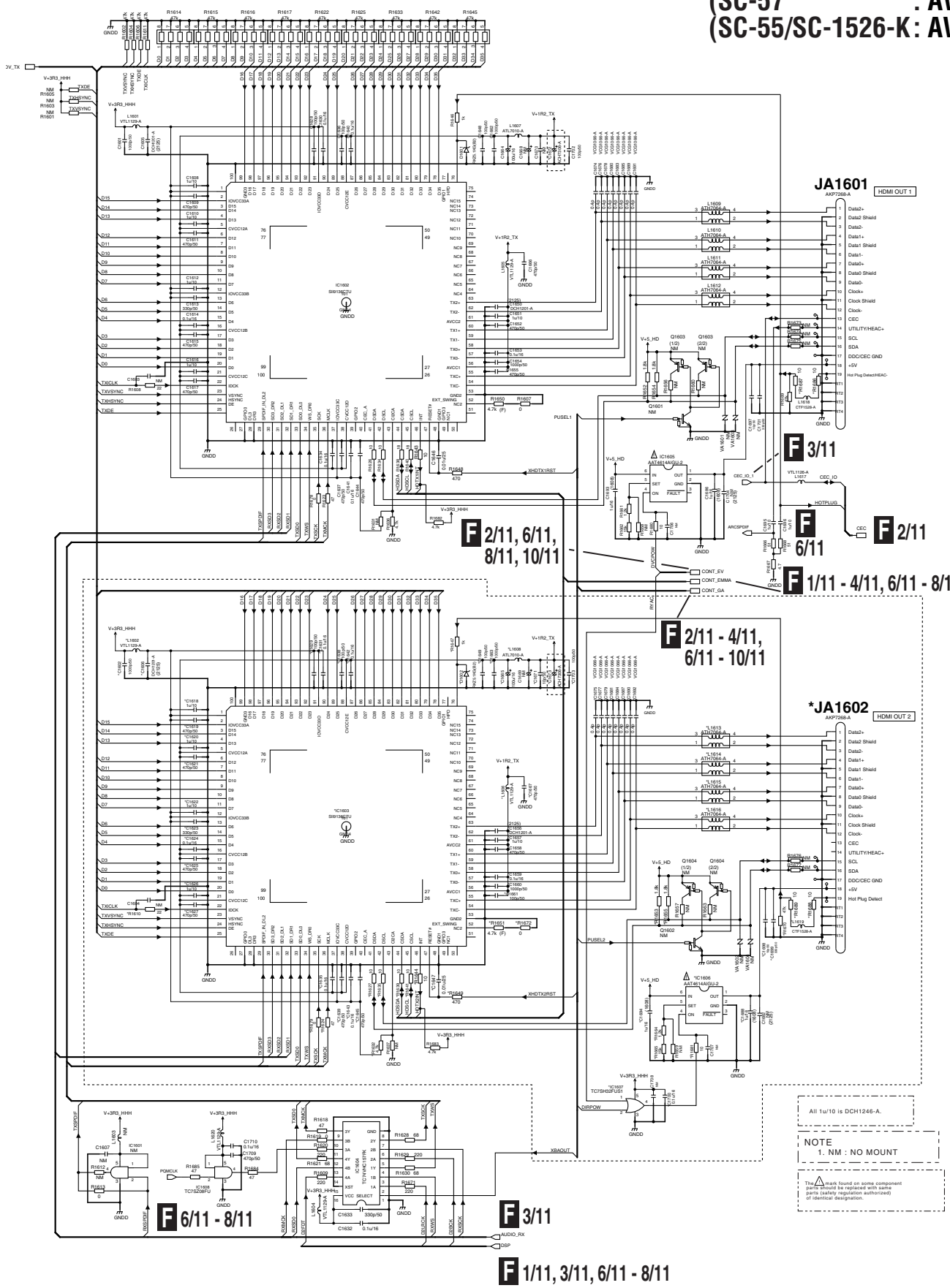
	C1225	C1355
AWX9727(MH_SY_J)	1000p/50	VCH1277-A
AWX9824(ML)	1000p/50	220u/4
AWX9825(SH_CU)	100p/50	220u/4
AWX9826(SL_CU)	100p/50	220u/4
AWX9827(MH_CU,GEN)	1000p/50	VCH1277-A
AWX9930(SH_SY,GEN&SL_SY)	100p/50	220u/4
AWX9931(SH_J)	100p/50	220u/4

10.12 DIGITAL MAIN ASSY (5/11)

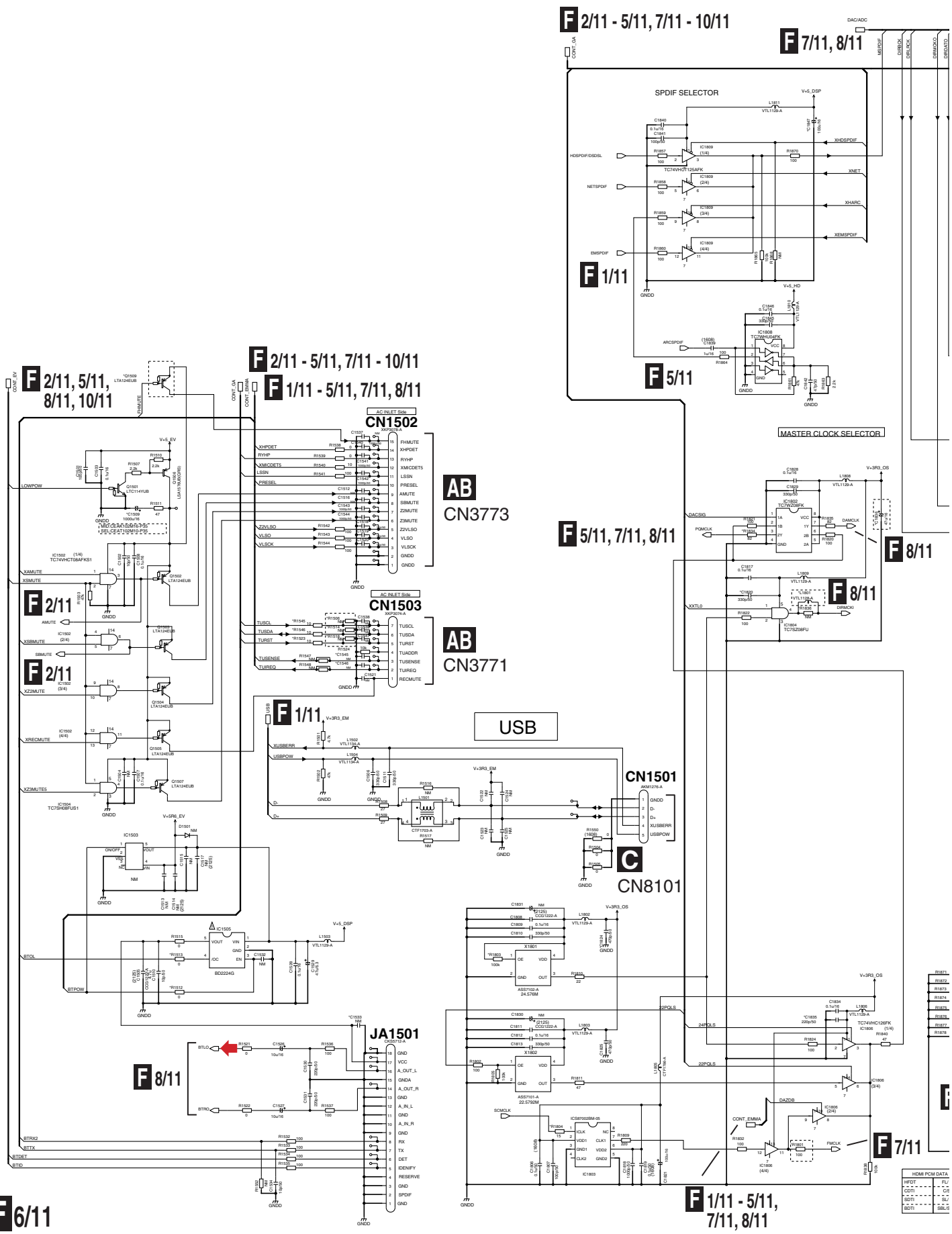


	AWX9727(MH_SY,J)	AWX9824(ML_CU,GEN)	AWX9825(SH_CU)	AWX9826(SL_CU)	AWX9827(MH_CU,GEN)	AWX9930(SH_SY,GEN&SL_SY)	AWX9931(SH_J)	AWX9950(ML_SY,J)
C1724	100p/50	100p/50	NM	NM	100p/50	NM	NM	100p/50
C1727	100p/50	100p/50	NM	NM	100p/50	NM	NM	100p/50
C1770	100u/16	NM	NM	NM	100u/16	NM	NM	NM
R1724	10	10	0	0	10	0	0	10
R1725	10	10	0	0	10	0	0	10

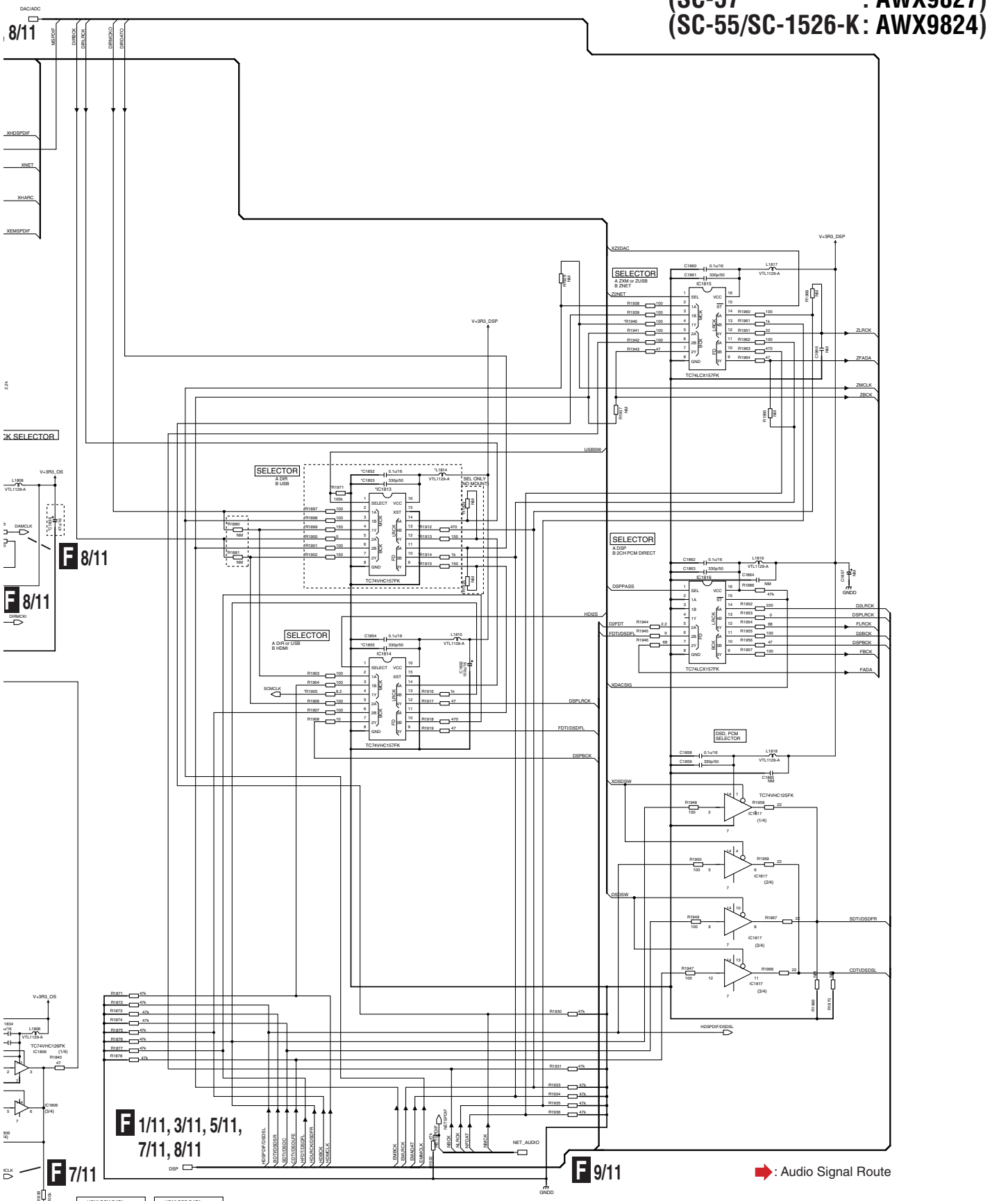
F 5/11 DIGITAL MAIN ASSY (5/11)
(SC-57 : AWX9827)
(SC-55/SC-1526-K : AWX9824)



10.13 DIGITAL MAIN ASSY (6/11)



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



HDMI PCM DATA	
HPDT	FL/FR
CDTI	C/SW
SDTI	SL/SR
BDTI	SBL/SBR

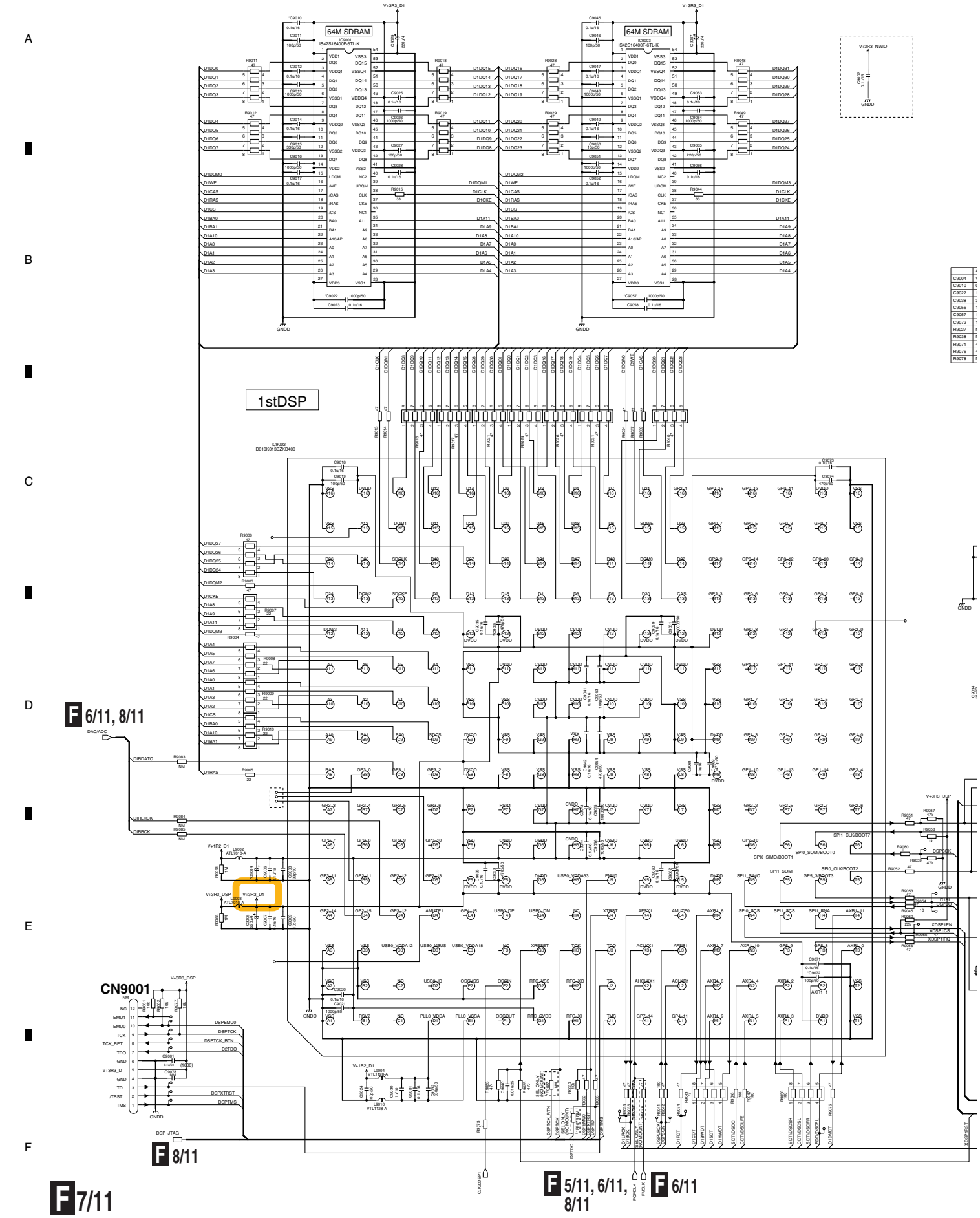
HDMI DSD DATA	
HPDT	FL
HDLRCK	FR
SDTI	C
CDTI	SW
HSPDIF	SL
BDTI	SR

NOTE
1. NM : NO MOUNT

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

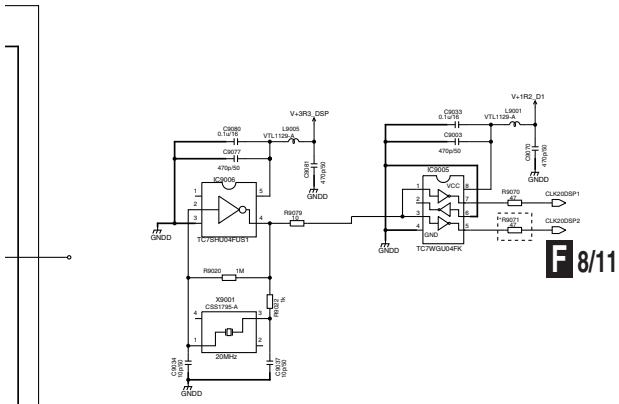
All 1u/10 is DCH1246-A.

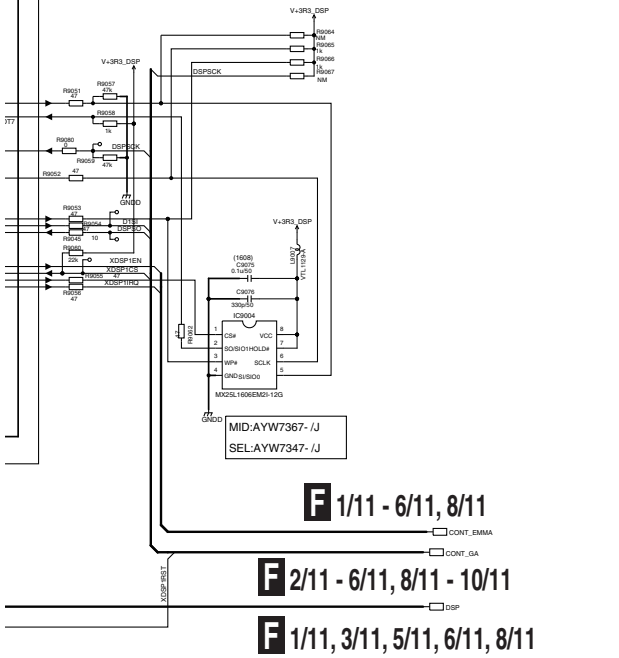
10.14 DIGITAL MAIN ASSY (7/11)



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

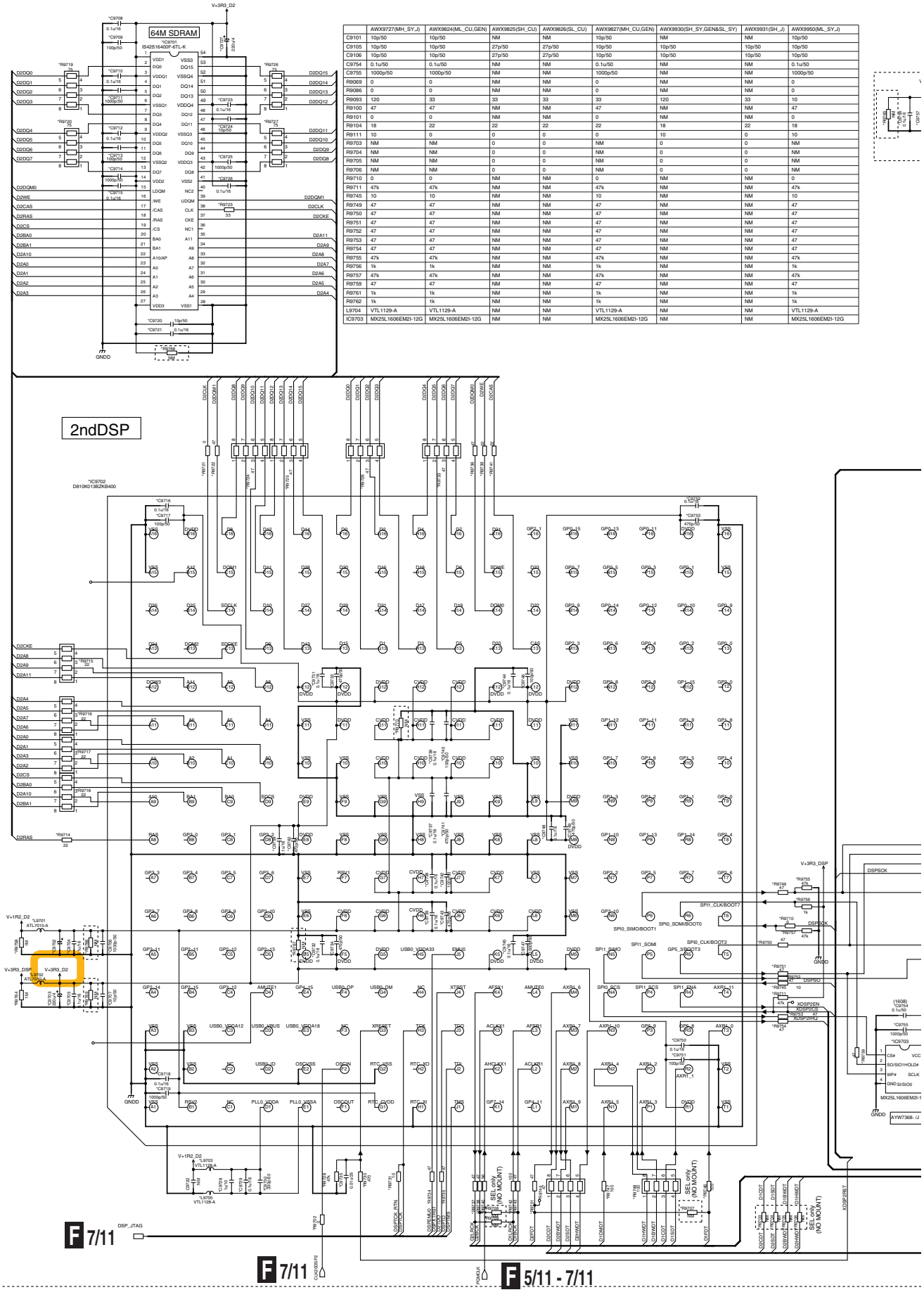
	AWX9727(MH_SY,J)	AWX9824(ML_CU,GEN)	AWX9825(SH_CU)	AWX9826(SL_CU)	AWX9827(MH_CU,GEN)	AWX9930(SH_SY,GEN&SL_SY)	AWX9931(SH_J)	AWX9950(ML_SY,J)
C9004	VCH1234-A	100u/16	100u/16	100u/16	VCH1234-A	100u/16	100u/16	100u/16
C9010	0.1u/16	0.1u/16	0.1u/16	0.1u/16	0.1u/16	0.1u/16	0.01u/25	0.1u/16
C9022	10p/50	10p/50	1000p/50	1000p/50	10p/50	10p/50	10p/50	10p/50
C9038	330p/50	330p/50	470p/50	470p/50	330p/50	330p/50	330p/50	330p/50
C9056	100p/50	470p/50	470p/50	470p/50	470p/50	470p/50	470p/50	100p/50
C9057	100p/50	100p/50	1000p/50	1000p/50	100p/50	100p/50	100p/50	100p/50
C9072	100p/50	470p/50	470p/50	470p/50	470p/50	470p/50	470p/50	100p/50
R9027	NM	NM	0	0	NM	0	0	NM
R9038	NM	NM	47	47	NM	56	47	NM
R9071	47	47	NM	NM	47	NM	NM	47
R9076	47	47	NM	NM	47	NM	NM	47
R9078	NM	NM	0	0	NM	0	0	NM





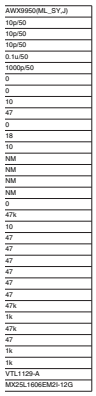
NOTE
1. NM : NO MOUNT

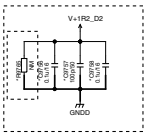
10.15 DIGITAL MAIN ASSY (8/11)



	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)
C9101	10p/50	10p/50	NM	NM	10p/50	NM	NM	10p/50
C9105	10p/50	10p/50	27p/50	27p/50	10p/50	10p/50	10p/50	10p/50
C9106	10p/50	10p/50	27p/50	27p/50	10p/50	10p/50	10p/50	10p/50
C9754	0.1u/50	0.1u/50	NM	NM	0.1u/50	NM	NM	0.1u/50
C9755	1000p/50	1000p/50	NM	NM	1000p/50	NM	NM	1000p/50
R9069	0	0	NM	NM	0	NM	NM	0
R9086	0	0	NM	NM	0	NM	NM	0
R9093	120	33	33	33	33	120	33	10
R9100	47	47	NM	NM	47	NM	NM	47
R9101	0	0	NM	NM	0	NM	NM	0
R9104	18	22	22	22	22	18	22	18
R9111	10	0	0	0	0	10	0	10
R9703	NM	NM	0	0	NM	0	0	NM
R9704	NM	NM	0	0	NM	0	0	NM
R9705	NM	NM	0	0	NM	0	0	NM
R9706	NM	NM	0	0	NM	0	0	NM
R9710	0	0	NM	NM	0	NM	NM	0
R9711	47k	47k	NM	NM	47k	NM	NM	47k
R9745	10	10	NM	NM	10	NM	NM	10
R9749	47	47	NM	NM	47	NM	NM	47
R9750	47	47	NM	NM	47	NM	NM	47
R9751	47	47	NM	NM	47	NM	NM	47
R9752	47	47	NM	NM	47	NM	NM	47
R9753	47	47	NM	NM	47	NM	NM	47
R9754	47	47	NM	NM	47	NM	NM	47
R9755	47k	47k	NM	NM	47k	NM	NM	47k
R9756	1k	1k	NM	NM	1k	NM	NM	1k
R9757	47k	47k	NM	NM	47k	NM	NM	47k
R9759	47	47	NM	NM	47	NM	NM	47
R9761	1k	1k	NM	NM	1k	NM	NM	1k
R9762	1k	1k	NM	NM	1k	NM	NM	1k
L9704	VTL1129-A	VTL1129-A	NM	NM	VTL1129-A	NM	NM	VTL1129-A
IC9703	MX25L1606EM2I-12G	MX25L1606EM2I-12G	NM	NM	MX25L1606EM2I-12G	NM	NM	MX25L1606EM2I-12G

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



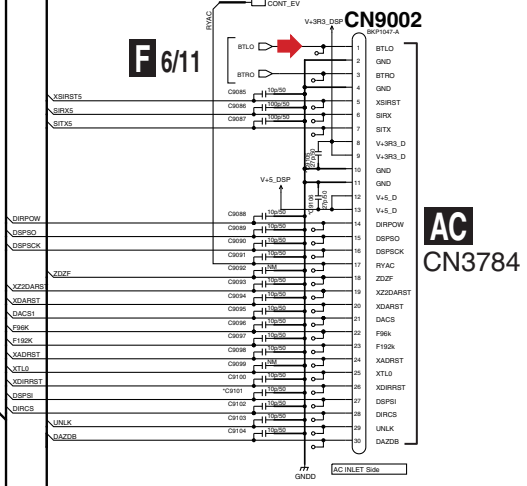


F 2/11 - 7/11, 9/11, 10/11

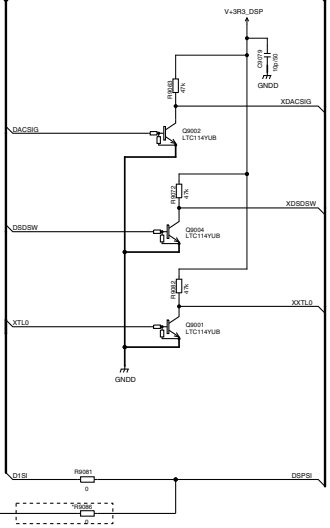
F 1/11 - 7/11

F 2/11, 5/11, 6/11, 10/11

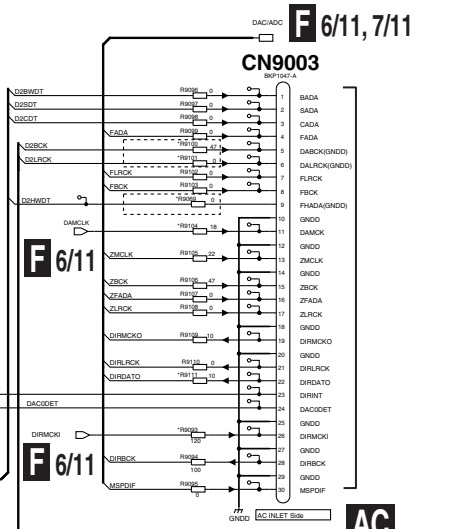
F 6/11



AC CN3784



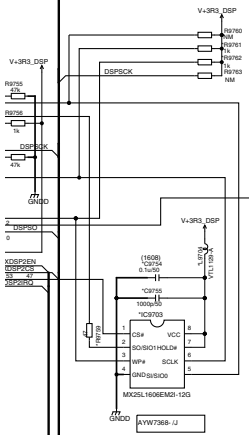
F 6/11, 7/11

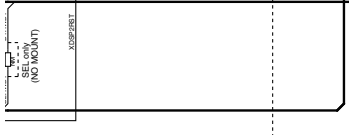


F 6/11

F 6/11

AC CN3782





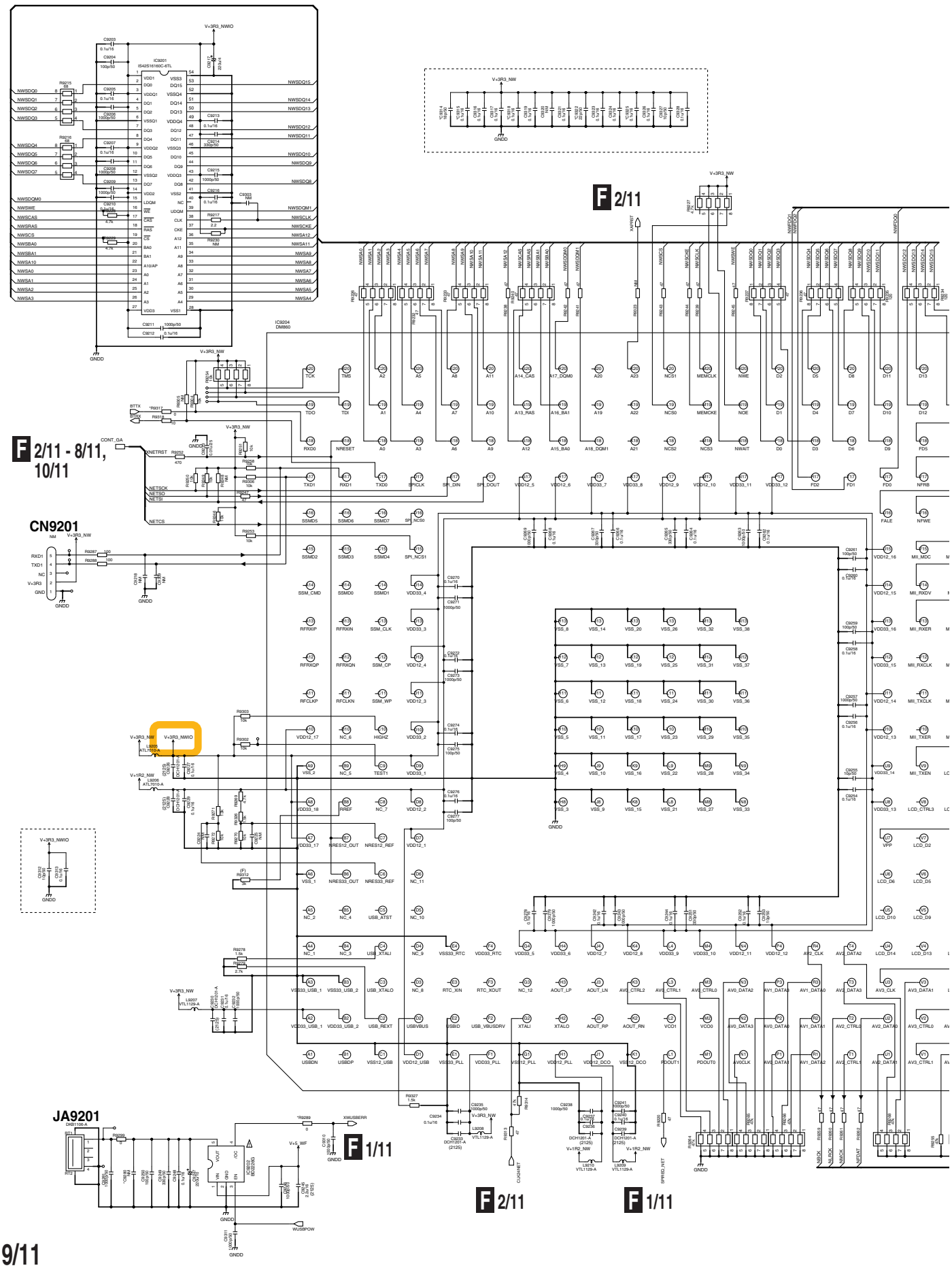
F 1/11, 3/11, 5/11 - 7/11

: Audio Signal Route

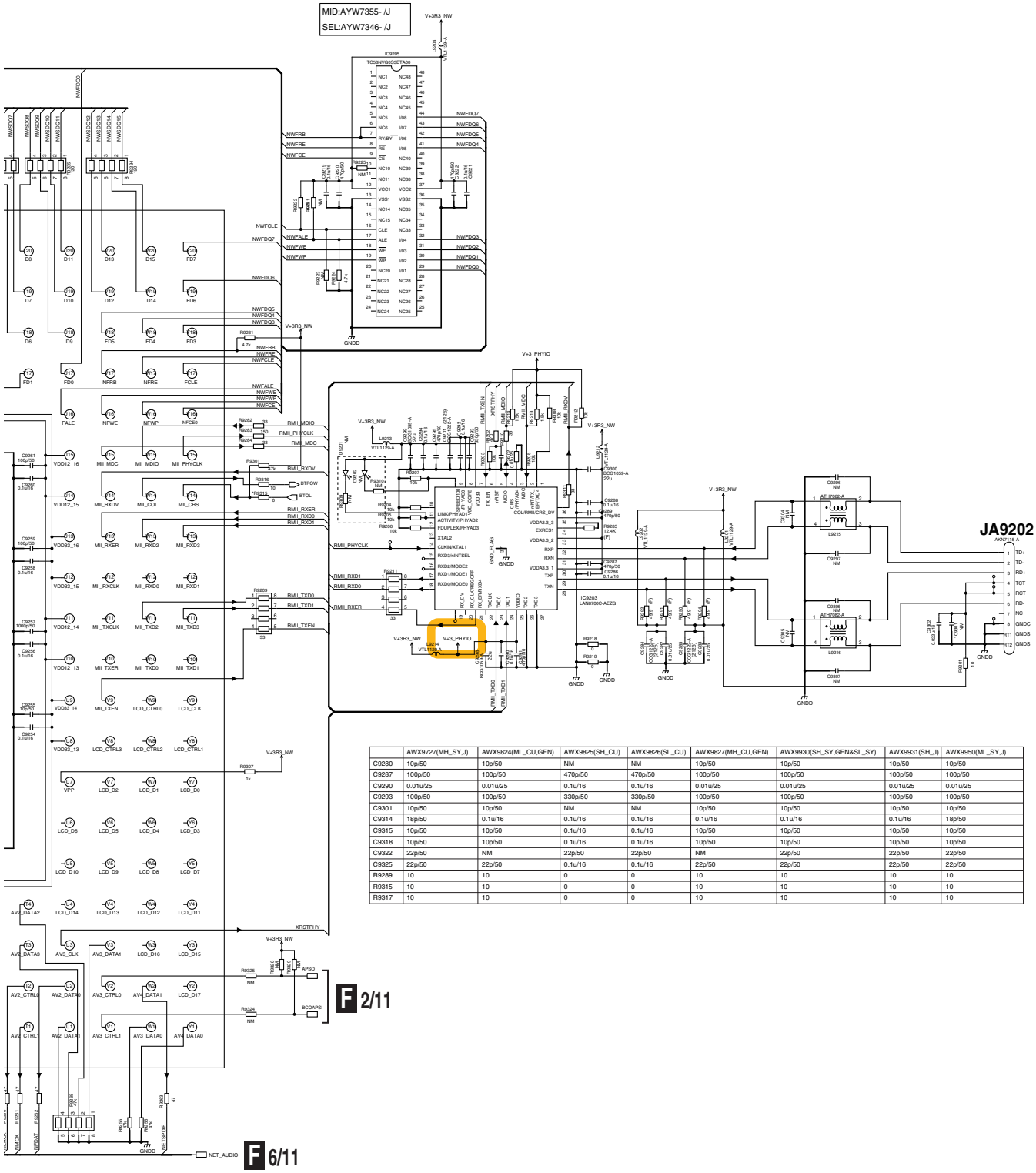
NOTE
1. NM : NO MOUNT

F 8/11

10.16 DIGITAL MAIN ASSY (9/11)



F 9/11 DIGITAL MAIN ASSY (9/11)
(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)
C9280	10p/50	10p/50	NM	NM	10p/50	10p/50	10p/50	10p/50
C9287	100p/50	100p/50	470p/50	470p/50	100p/50	100p/50	100p/50	100p/50
C9290	0.01u/25	0.01u/25	0.1u/16	0.1u/16	0.01u/25	0.01u/25	0.01u/25	0.01u/25
C9293	100p/50	100p/50	330p/50	330p/50	100p/50	100p/50	100p/50	100p/50
C9301	10p/50	10p/50	NM	NM	10p/50	10p/50	10p/50	10p/50
C9314	18p/50	0.1u/16	0.1u/16	0.1u/16	0.1u/16	0.1u/16	0.1u/16	18p/50
C9315	10p/50	10p/50	0.1u/16	0.1u/16	10p/50	10p/50	10p/50	10p/50
C9318	10p/50	10p/50	0.1u/16	0.1u/16	10p/50	10p/50	10p/50	10p/50
C9322	22p/50	NM	22p/50	22p/50	NM	22p/50	22p/50	22p/50
C9325	22p/50	22p/50	0.1u/16	0.1u/16	22p/50	22p/50	22p/50	22p/50
R9289	10	10	0	0	10	10	10	10
R9315	10	10	0	0	10	10	10	10
R9317	10	10	0	0	10	10	10	10

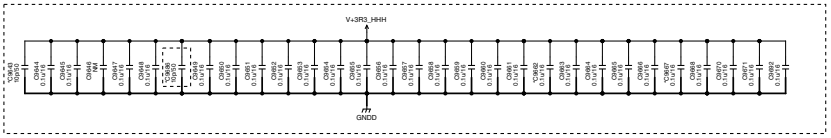
The ⚠ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

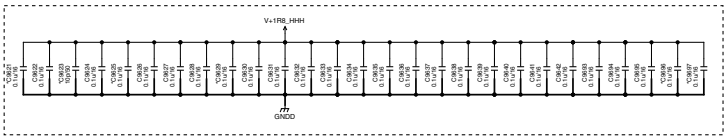
NOTE
1. NM : NO MOUNT

All 1u/10 is DCH1246-A.

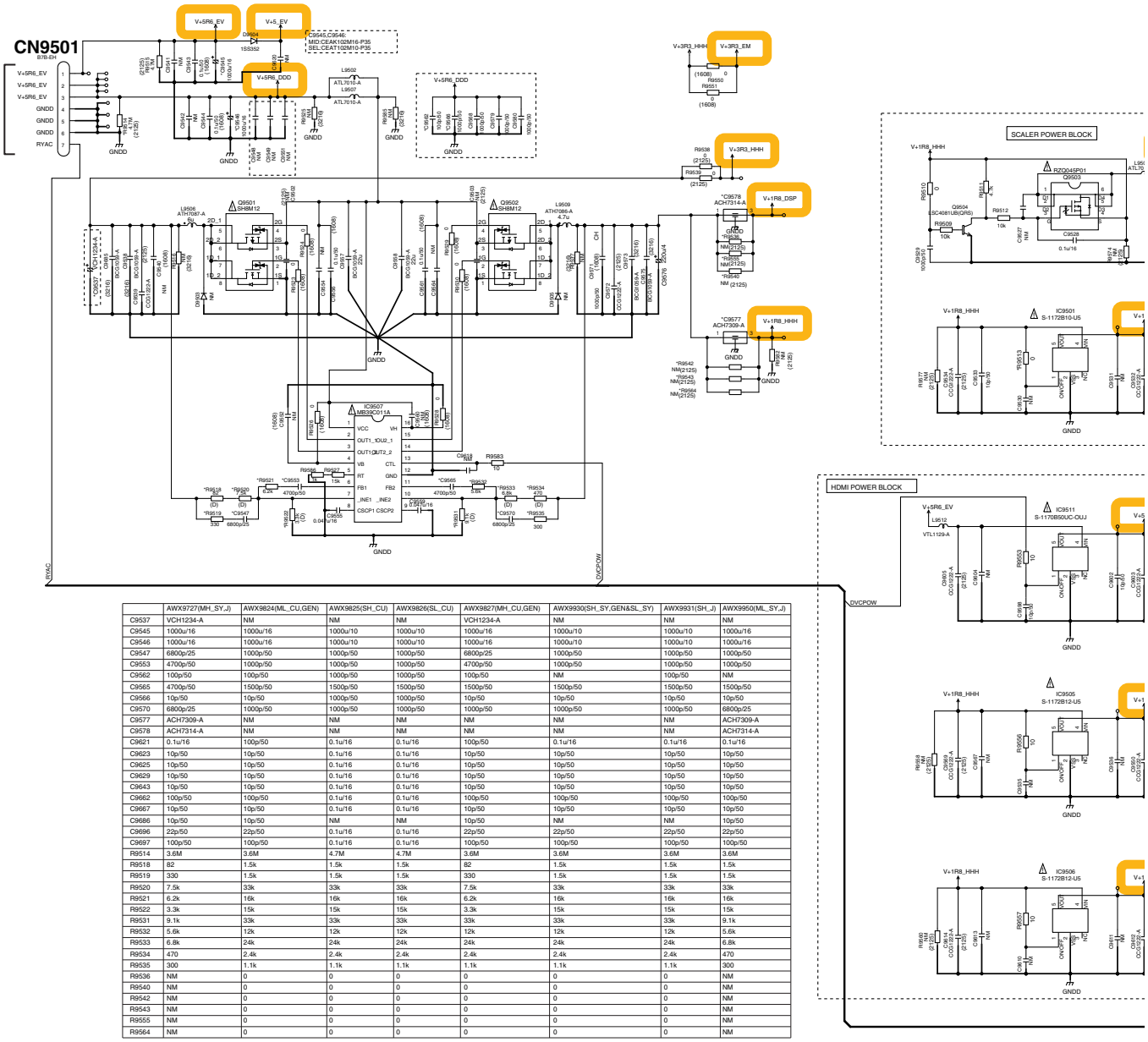
10.17 DIGITAL MAIN ASSY (10/11)

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









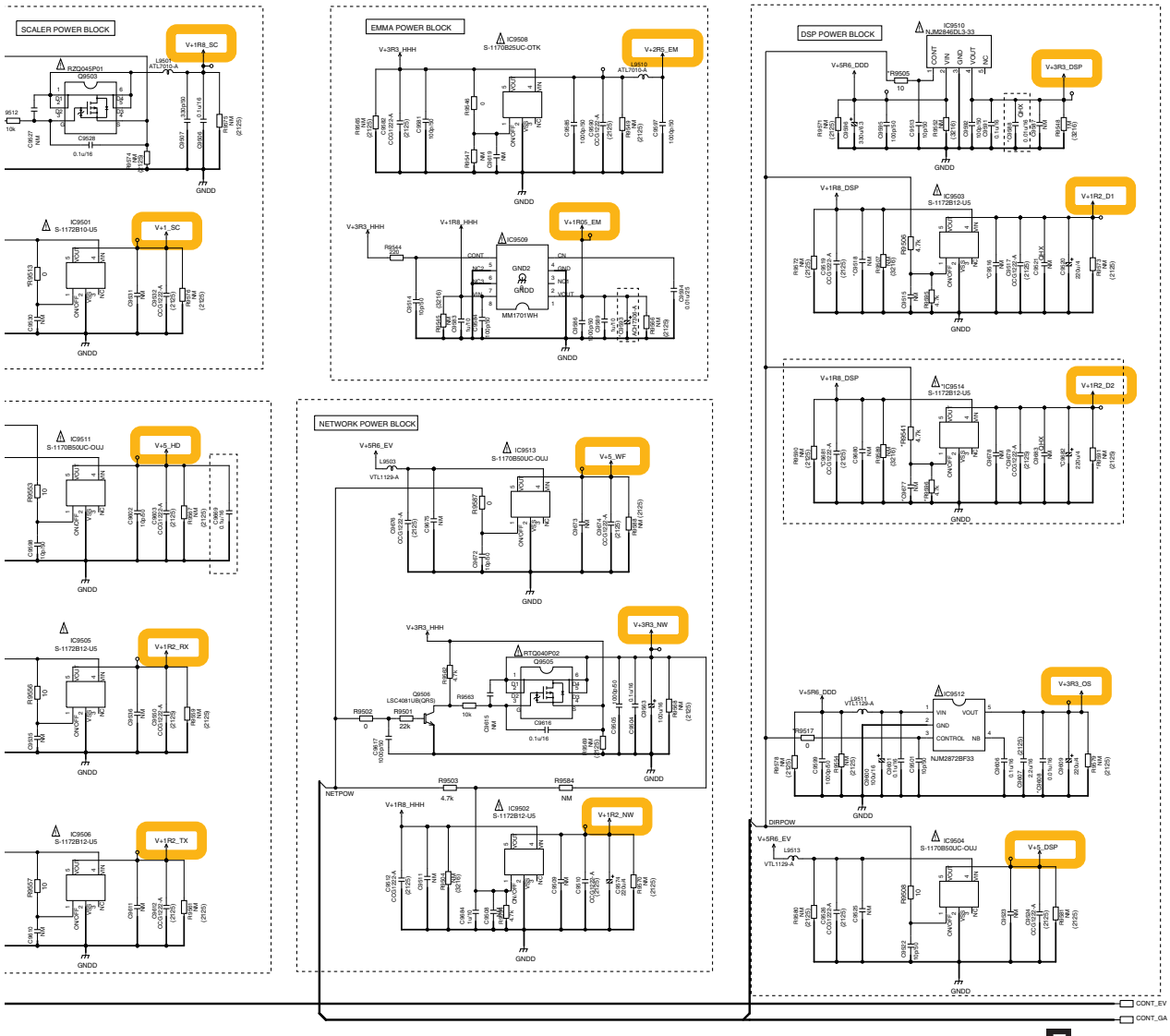
	AWX9727(MH_SY,J)	AWX9824(ML_CU,GEN)	AWX9825(SH_CU)	AWX9826(SL_CU)	AWX9827(MH_CU,GEN)	AWX9930(SH_SY,GEN&SL_SY)	AWX9931(SH_J)	AWX9950(ML_SY,J)
C9537	VCH1234-A	NM	NM	NM	VCH1234-A	NM	NM	NM
C9545	1000u/16	1000u/16	1000u/10	1000u/10	1000u/16	1000u/10	1000u/10	1000u/16
C9546	1000u/16	1000u/16	1000u/10	1000u/10	1000u/16	1000u/10	1000u/10	1000u/16
C9547	6800p/25	1000p/50	1000p/50	1000p/50	6800p/25	1000p/50	1000p/50	1000p/50
C9553	4700p/50	1000p/50	1000p/50	1000p/50	4700p/50	1000p/50	1000p/50	1000p/50
C9562	100p/50	100p/50	1000p/50	1000p/50	100p/50	NM	100p/50	NM
C9565	4700p/50	1500p/50	1500p/50	1500p/50	1500p/50	1500p/50	1500p/50	1500p/50
C9566	10p/50	10p/50	1000p/50	1000p/50	10p/50	10p/50	10p/50	10p/50
C9570	6800p/25	1000p/50	1000p/50	1000p/50	1000p/50	1000p/50	1000p/50	6800p/25
C9577	ACH7309-A	NM	NM	NM	NM	NM	NM	ACH7309-A
C9578	ACH7314-A	NM	NM	NM	NM	NM	NM	ACH7314-A
C9621	0.1u/16	100p/50	0.1u/16	0.1u/16	100p/50	0.1u/16	0.1u/16	0.1u/16
C9623	10p/50	10p/50	0.1u/16	0.1u/16	10p/50	10p/50	10p/50	10p/50
C9625	10p/50	10p/50	0.1u/16	0.1u/16	10p/50	10p/50	10p/50	10p/50
C9629	10p/50	10p/50	0.1u/16	0.1u/16	10p/50	10p/50	10p/50	10p/50
C9643	10p/50	10p/50	0.1u/16	0.1u/16	10p/50	10p/50	10p/50	10p/50
C9662	100p/50	100p/50	0.1u/16	0.1u/16	100p/50	100p/50	100p/50	100p/50
C9667	10p/50	10p/50	0.1u/16	0.1u/16	10p/50	10p/50	10p/50	10p/50
C9686	10p/50	10p/50	NM	NM	10p/50	NM	NM	10p/50
C9696	22p/50	22p/50	0.1u/16	0.1u/16	22p/50	22p/50	22p/50	22p/50
C9697	100p/50	100p/50	0.1u/16	0.1u/16	100p/50	100p/50	100p/50	100p/50
R9514	3.6M	3.6M	4.7M	4.7M	3.6M	3.6M	3.6M	3.6M
R9518	82	1.5k	1.5k	1.5k	82	1.5k	1.5k	1.5k
R9519	330	1.5k	1.5k	1.5k	330	1.5k	1.5k	1.5k
R9520	7.5k	33k	33k	33k	7.5k	33k	33k	33k
R9521	6.2k	16k	16k	16k	6.2k	16k	16k	16k
R9522	3.3k	15k	15k	15k	3.3k	15k	15k	15k
R9531	9.1k	33k	33k	33k	33k	33k	33k	9.1k
R9532	5.6k	12k	12k	12k	12k	12k	12k	5.6k
R9533	6.8k	24k	24k	24k	24k	24k	24k	6.8k
R9534	470	2.4k	2.4k	2.4k	2.4k	2.4k	2.4k	470
R9535	300	1.1k	1.1k	1.1k	1.1k	1.1k	1.1k	300
R9536	NM	0	0	0	0	0	0	NM
R9540	NM	0	0	0	0	0	0	NM
R9542	NM	0	0	0	0	0	0	NM
R9543	NM	0	0	0	0	0	0	NM
R9555	NM	0	0	0	0	0	0	NM
R9564	NM	0	0	0	0	0	0	NM

	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	NM	33p/50	NM
C9588	0.01u/16	NM	NM	NM	0.01u/16	NM	NM	NM
C9593	ACH7306-A	NM	NM	NM	ACH7306-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	CCG1222-A	CCG1222-A	NM	NM	CCG1222-A	NM	NM	CCG1222-A
C9681	CCG1222-A	CCG1222-A	NM	NM	CCG1222-A	NM	NM	CCG1222-A
C9682	220u/4	220u/4	NM	NM	220u/4	NM	NM	220u/4
R9505	10	10	10	10	10	10	22	10
R9513	0	10	0	0	10	0	0	0
R9517	10	10	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	0	NM
R9596	4.7k	4.7k	NM	NM	4.7k	NM	NM	4.7k
IC9514	S-1172B12-U5	S-1172B12-U5	NM	NM	S-1172B12-U5	NM	NM	S-1172B12-U5

All 1u/10 is DCH1246-A.
CCG1222-A is 4.7u/25.

The ⚠ 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

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)

	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)
C1602	1000p/50	1000p/50	1000p/50	NM	1000p/50	1000p/50	1000p/50	1000p/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	0	0	10	0	0	10
R1687	10	10	0	0	10	0	0	10
R1688	10	10	0	NM	10	0	0	10
R1689	10	10	0	NM	10	0	0	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	SII9136CTU	SII9136CTU	SII9136CTU	NM	SII9136CTU	SII9136CTU	SII9136CTU	SII9136CTU
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)
JA1602	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)

	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)
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	NM	0	0	0
R9768	NM	NM	NM	NM	NM	0	0	NM
IC9701	IS42S16400F-6TL	IS42S16400F-6TL	NM	NM	IS42S16400F-6TL	NM	NM	IS42S16400F-6TL

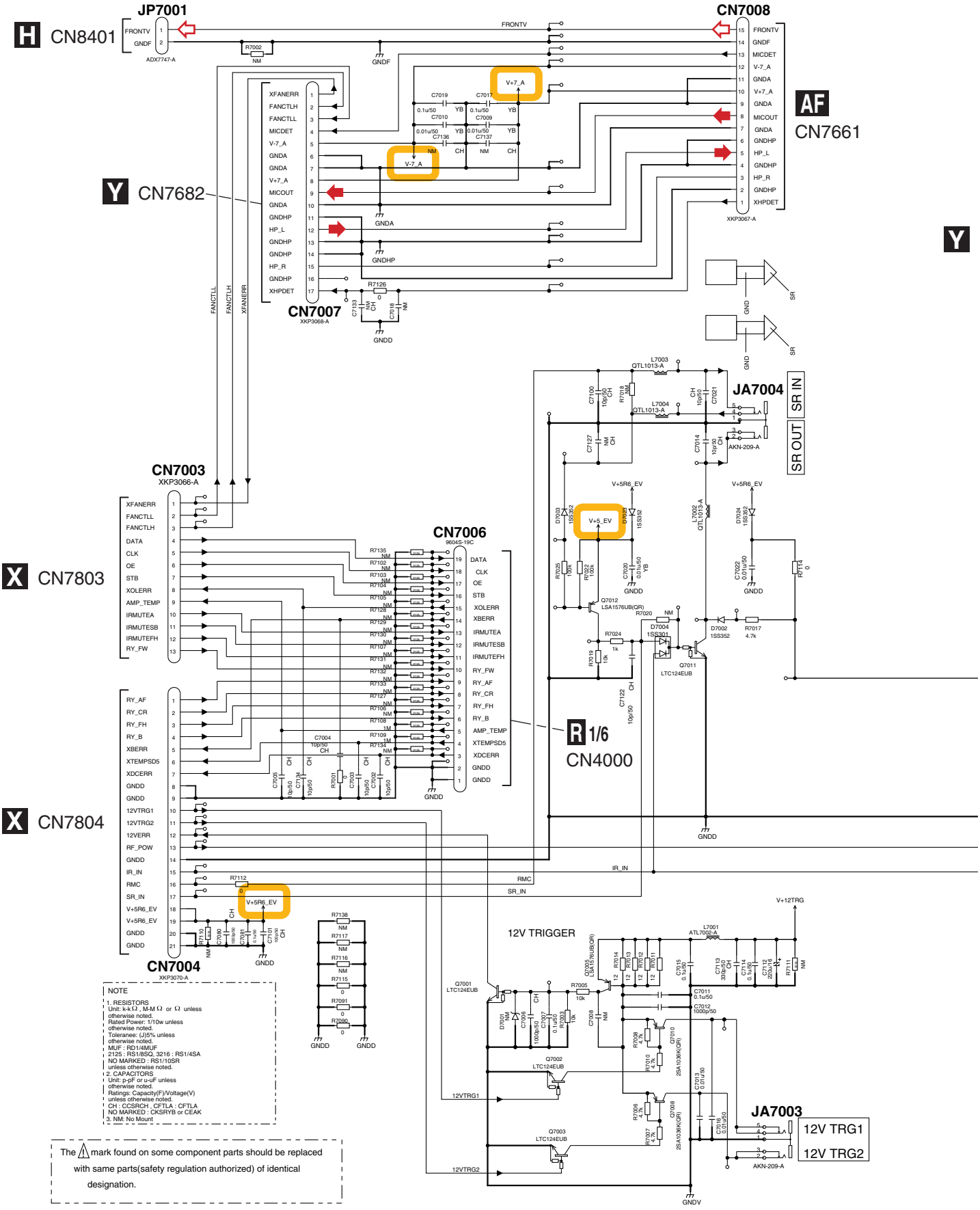
REGION TABLE for DIGITAL MAIN ASSY (6/11)

	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)
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	NM	220p/50	NM
C1546	NM	NM	NM	NM	NM	NM	220p/50	NM
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	10	15	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	47	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	TC74VHC157FK	TC74VHC157FK	NM	NM	TC74VHC157FK	NM	NM	TC74VHC157FK
Q1509	LTA124EUB	LTA124EUB	NM	NM	LTA124EUB	NM	NM	LTA124EUB

REGION TABLE for DIGITAL MAIN ASSY (8/11)

	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)
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	1000p/50	1000p/50	NM	NM	1000p/50	NM	NM	1000p/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	0.1u/16	0.1u/16	NM	NM	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



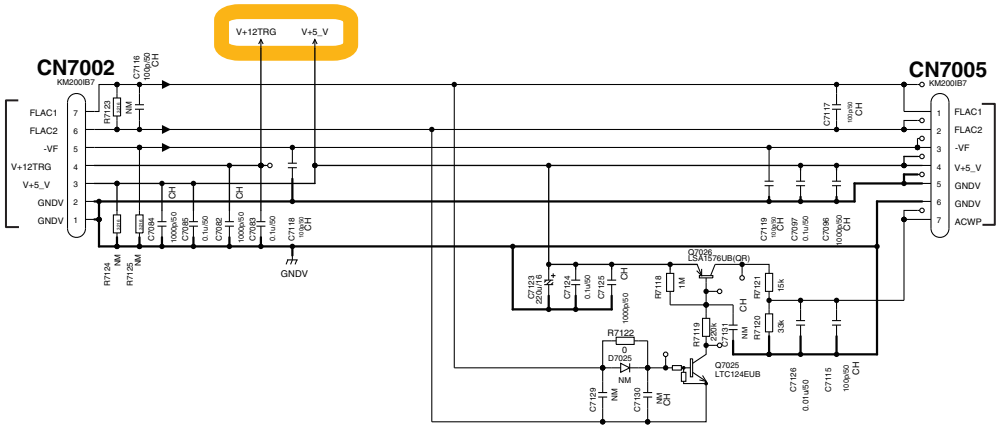
NOTE

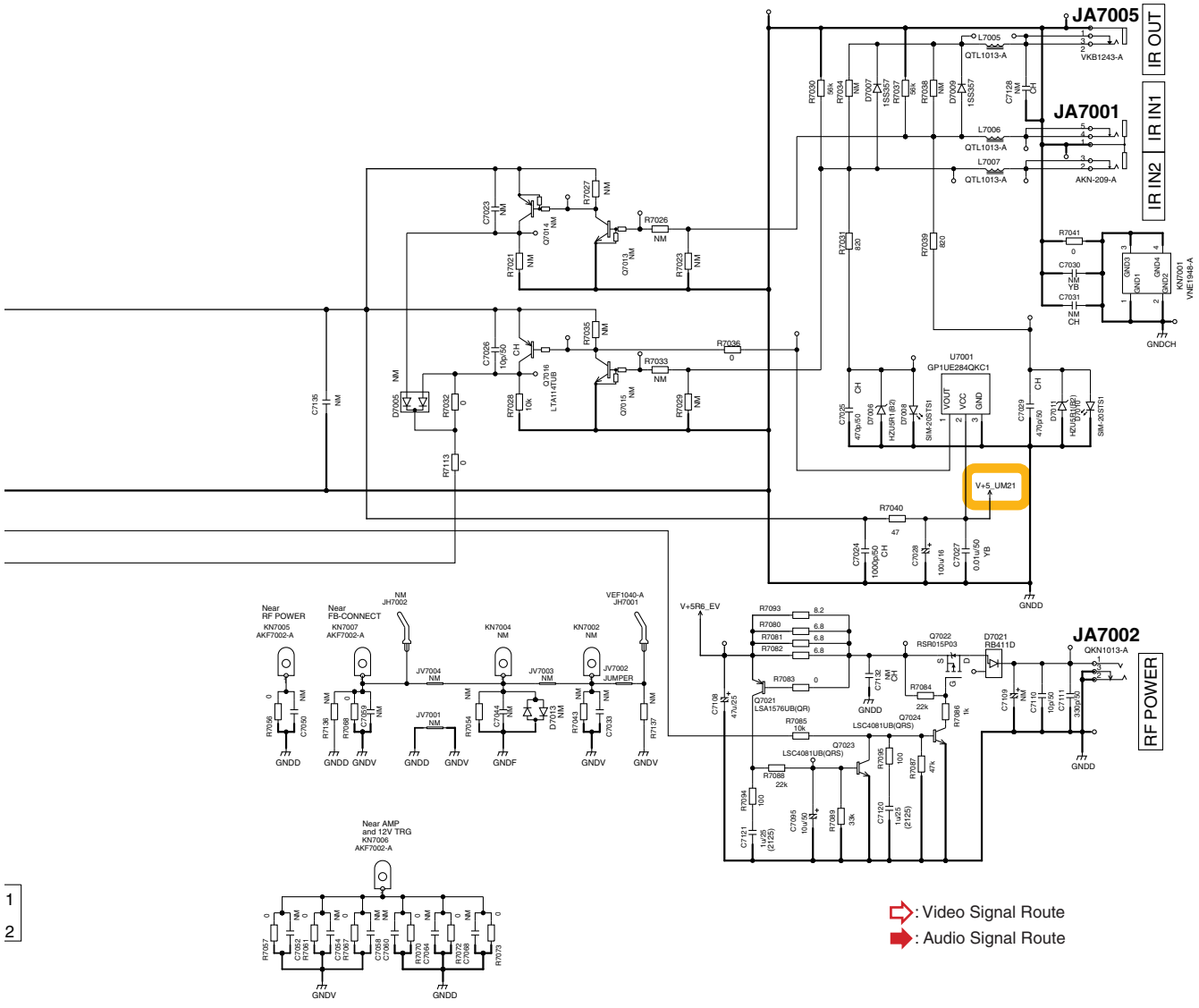
1. RESISTORS
Unit: k-kΩ , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/10w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
MUF : RD1/4MUF
2125 : RS1/8SQ, 3216 : RS1/4SA
NO MARKED : RS1/10SR
unless otherwise noted.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
CH : CCSRCH , CFTLA : CFTLA
NO MARKED : CKSRYB or CEAK
3. NM: No Mount

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

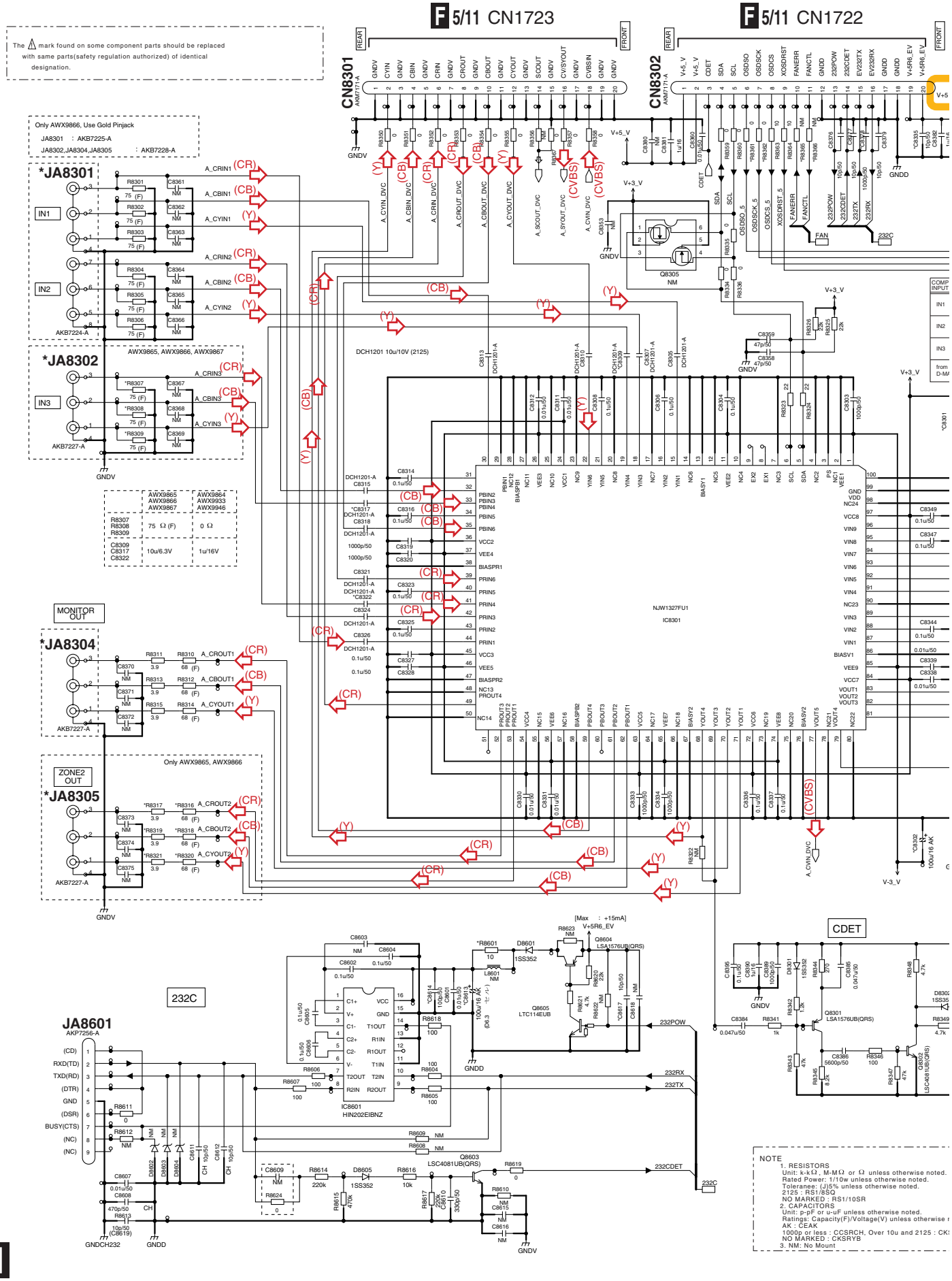
G INTERFACE ASSY (AWX9805)

Y CN7681

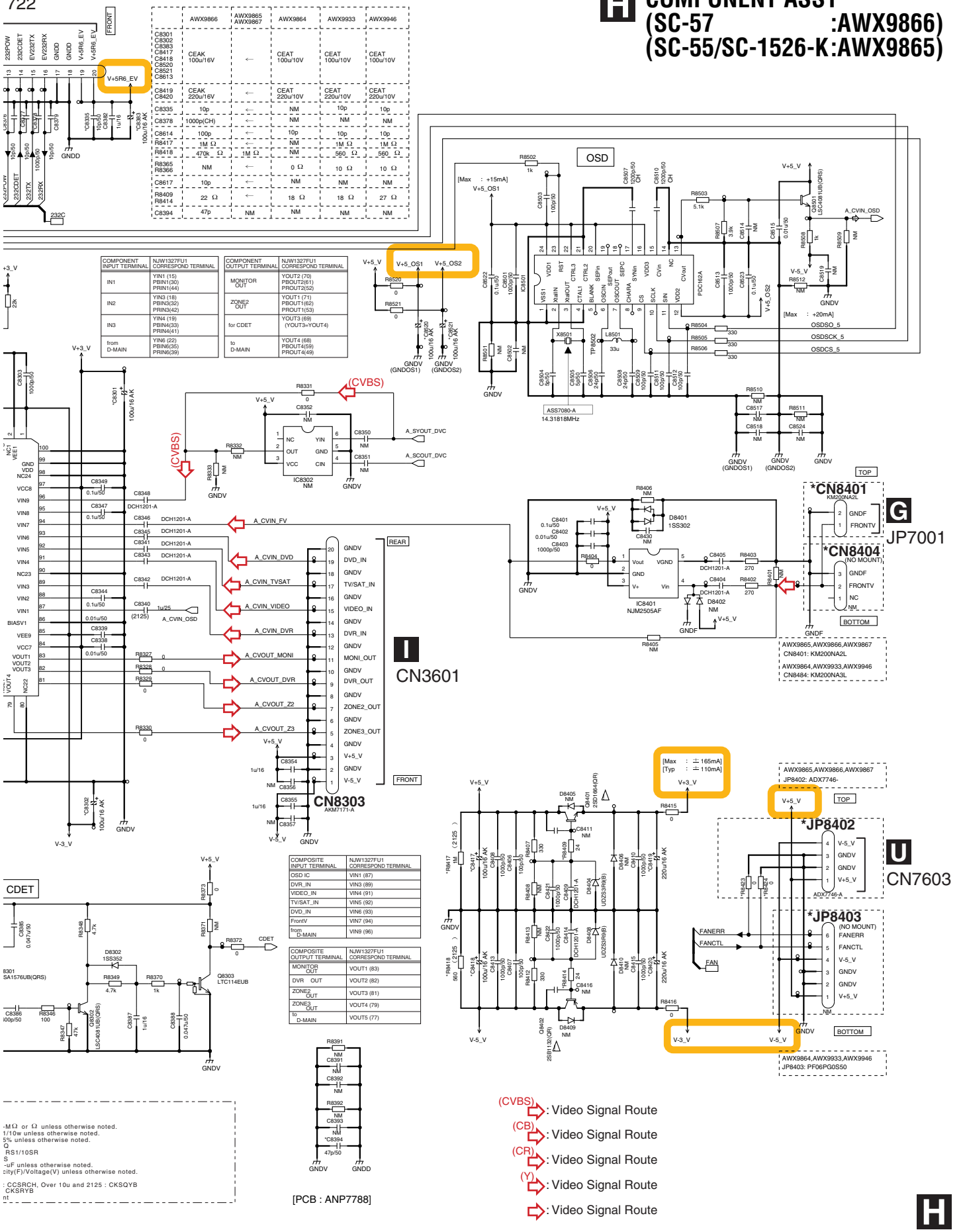




10.20 COMPONENT ASSY



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



	AWX9866	AWX9865 AWX9867	AWX9864	AWX9933	AWX9946
C8301 C8302 C8383 C8417 C8418 C8520 C8521 C8613	CEAK 100u/16V	←	CEAT 100u/10V	CEAT 100u/10V	CEAT 100u/10V
C8419 C8420	CEAK 220u/16V	←	CEAT 220u/10V	CEAT 220u/10V	CEAT 220u/10V
C8335	10p	←	NM	10p	10p
C8378	1000p(CH)	←	NM	NM	NM
C8614	100p	←	10p	10p	10p
R8417	1M Ω	←	NM	1M Ω	1M Ω
R8418	470k Ω	1M Ω	NM	560 Ω	560 Ω
R8365 R8366	NM	←	0 Ω	10 Ω	10 Ω
C8617	10p	←	NM	NM	NM
R8409 R8414	22 Ω	←	18 Ω	18 Ω	27 Ω
C8394	47p	NM	NM	NM	NM

COMPONENT INPUT TERMINAL	NJW1327FU1 CORRESPOND TERMINAL
IN1	YIN1 (15) PBIN1(30) PRIN1(44)
IN2	YIN3 (18) PBIN3(32) PRIN3(42)
IN3	YIN4 (19) PBIN4(33) PRIN4(41)
from D-MAIN	YIN6 (22) PBIN6(35) PRIN6(39)

COMPONENT OUTPUT TERMINAL	NJW1327FU1 CORRESPOND TERMINAL
MONITOR OUT	YOUT2 (70) PBOUT2(61) PROUT2(52)
ZONE2 OUT	YOUT1 (71) PBOUT1(62) PROUT1(53)
for CDET	YOUT3 (69) (YOUT3=YOUT4)
to D-MAIN	YOUT4 (68) PBOUT4(59) PROUT4(49)

COMPOSITE INPUT TERMINAL	NJW1327FU1 CORRESPOND TERMINAL
OSD IC	VIN1 (87)
DVR_IN	VIN3 (89)
VIDEO_IN	VIN4 (91)
TV/SAT_IN	VIN5 (92)
DVD_IN	VIN6 (93)
FrontV	VIN7 (94)
from D-MAIN	VIN9 (96)

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.
1/10w unless otherwise noted.
5% unless otherwise noted.
O
RS1/10SR
S
-uF unless otherwise noted.
city(F)/Voltage(V) unless otherwise noted.
: CCSRCH, Over 10u and 2125 : CKSQYB
CKSRYB
nt

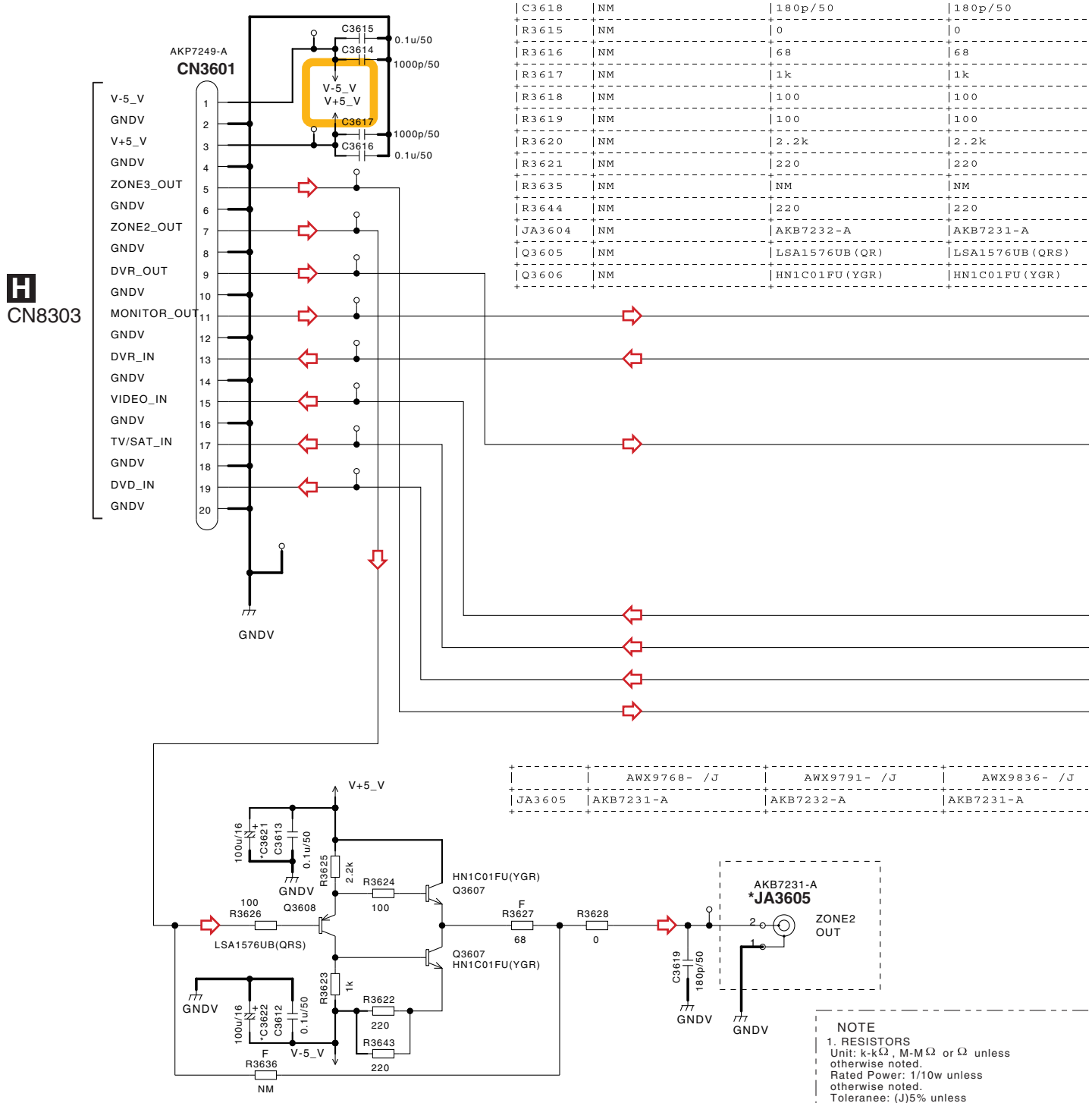
[PCB : ANP7788]

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

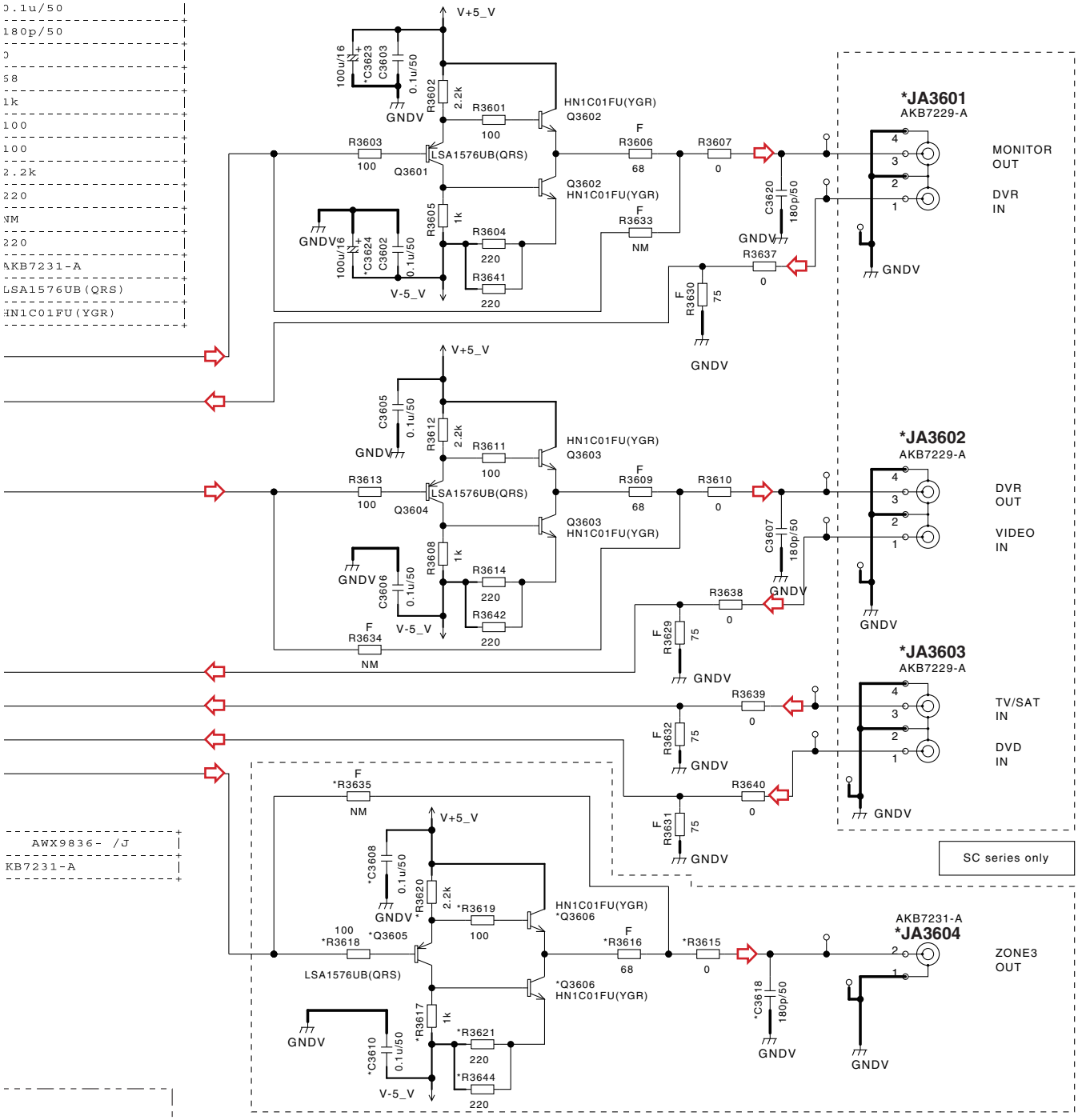
NOTE
1. RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated Power: 1/10w unless otherwise noted.
Toleranee: (J)5% unless otherwise noted.

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

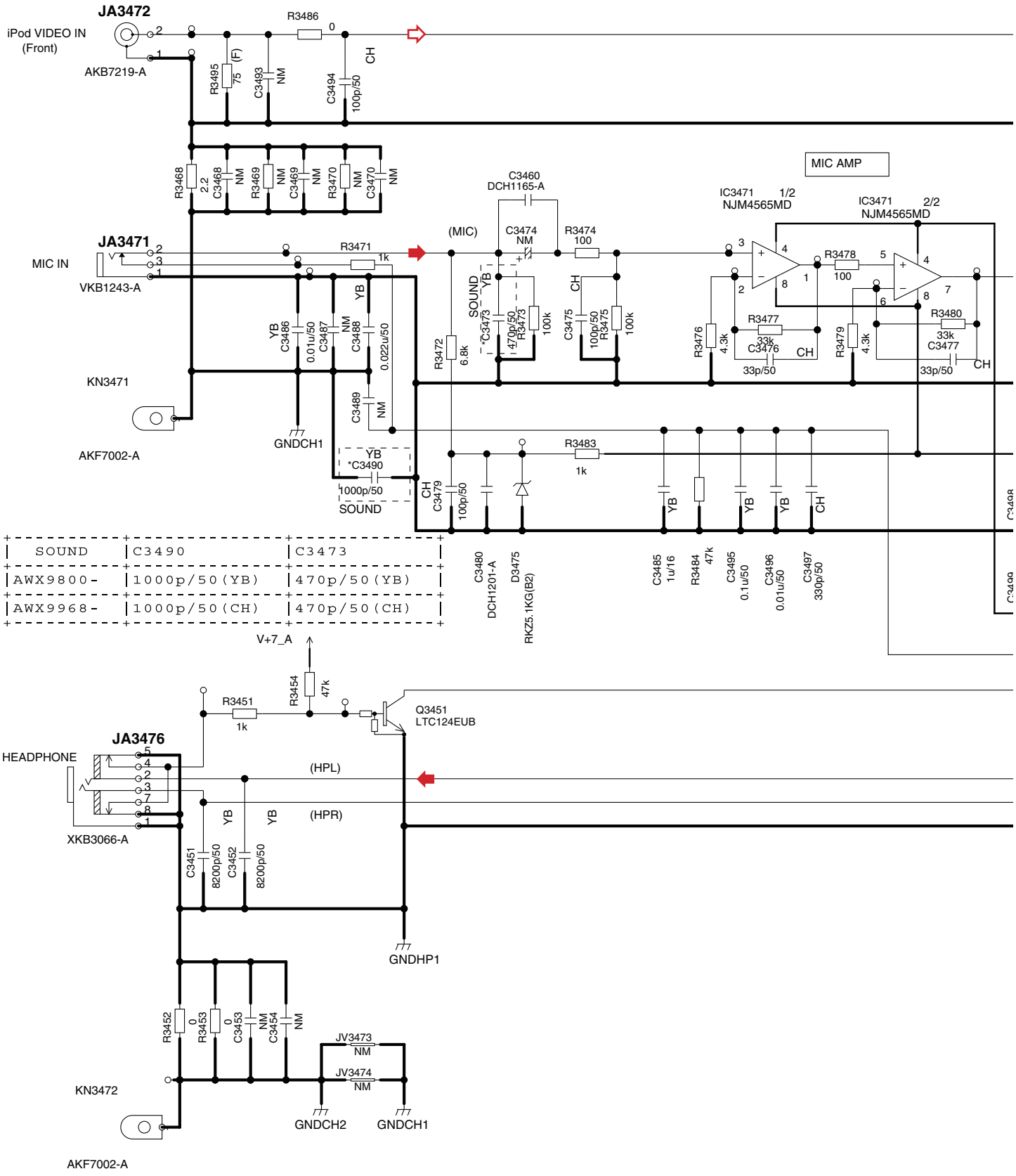
: Video Signal Route

I

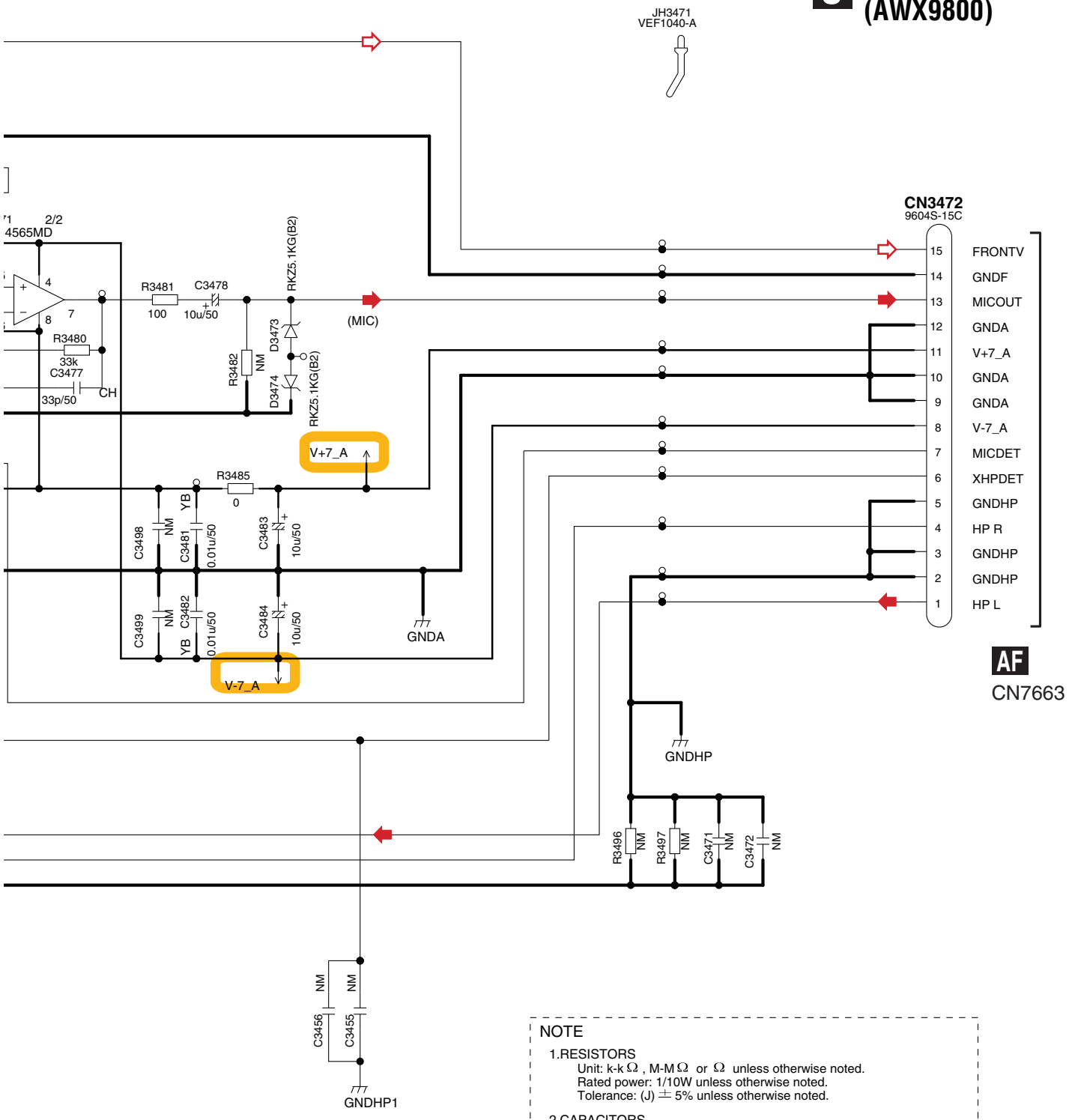
I COMPOSITE ASSY (SC-57 :AWX9791) (SC-55/SC-1526-K:AWX9836)



10.22 MIC HP ASSY



J MIC HP ASSY (AWX9800)



NOTE

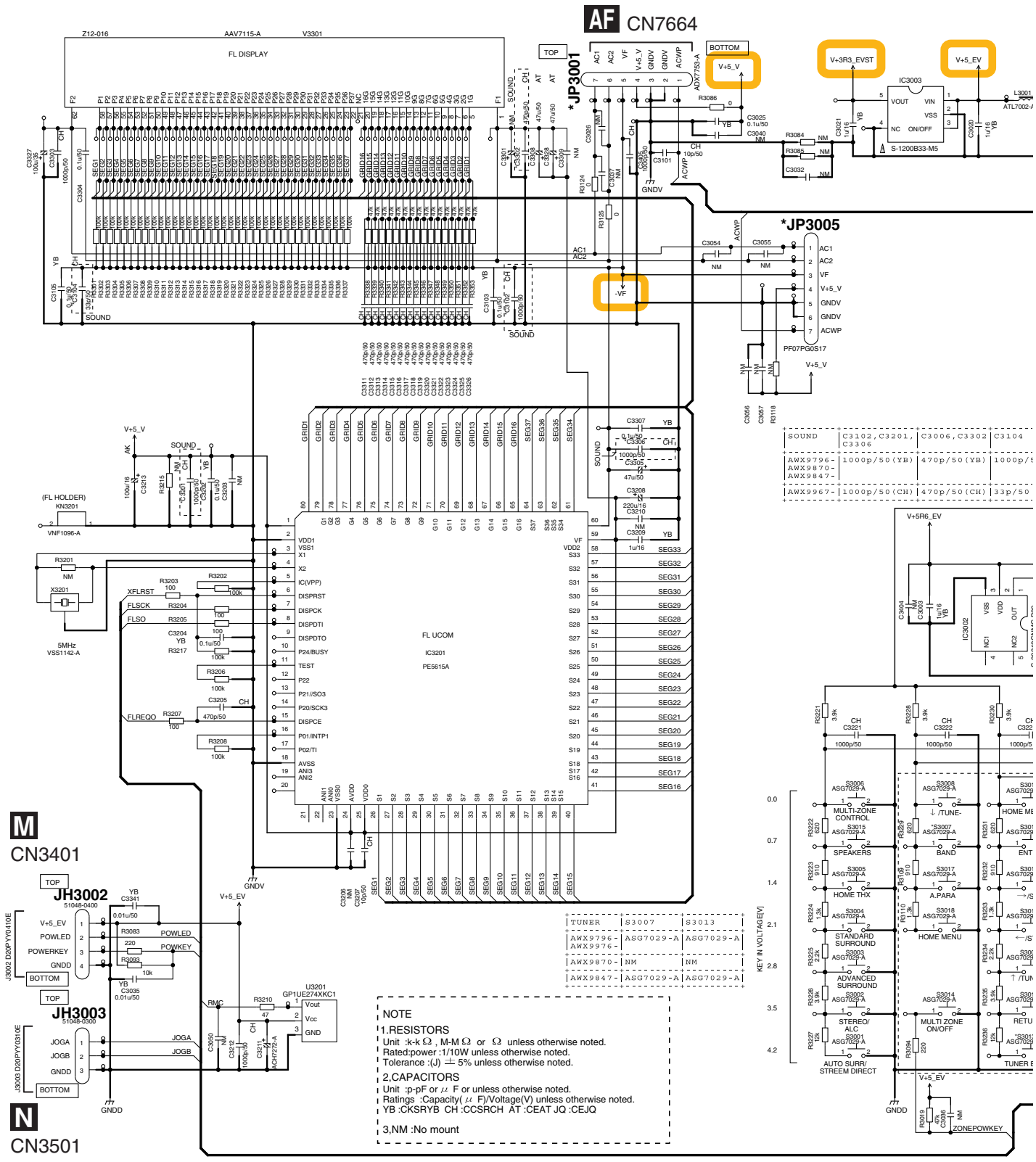
1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/10W unless otherwise noted.
Tolerance: (J) ± 5% unless otherwise noted.

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
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)	LTC124EUB	LTC124EU
AWX9870-	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)	LTC124EUB	LTC124EU
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



SOUND	C3102,C3201, C3306	C3006,C3302	C3104
AWX9796- AWX9870- AWX9847-	1000p/50(YB)	470p/50(YB)	1000p/5
AWX9967-	1000p/50(CH)	470p/50(CH)	33p/50

TUNER	S3007	S3013
AWX9796- AWX9976-	ASG7029-A	ASG7029-A
AWX9870-	NM	NM
AWX9847-	ASG7029-A	ASG7029-A

KEY IN VOLTAGE[V]: 0.0 / 0.7 / 1.4 / 2.1 / 2.8 / 3.5 / 4.2

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.

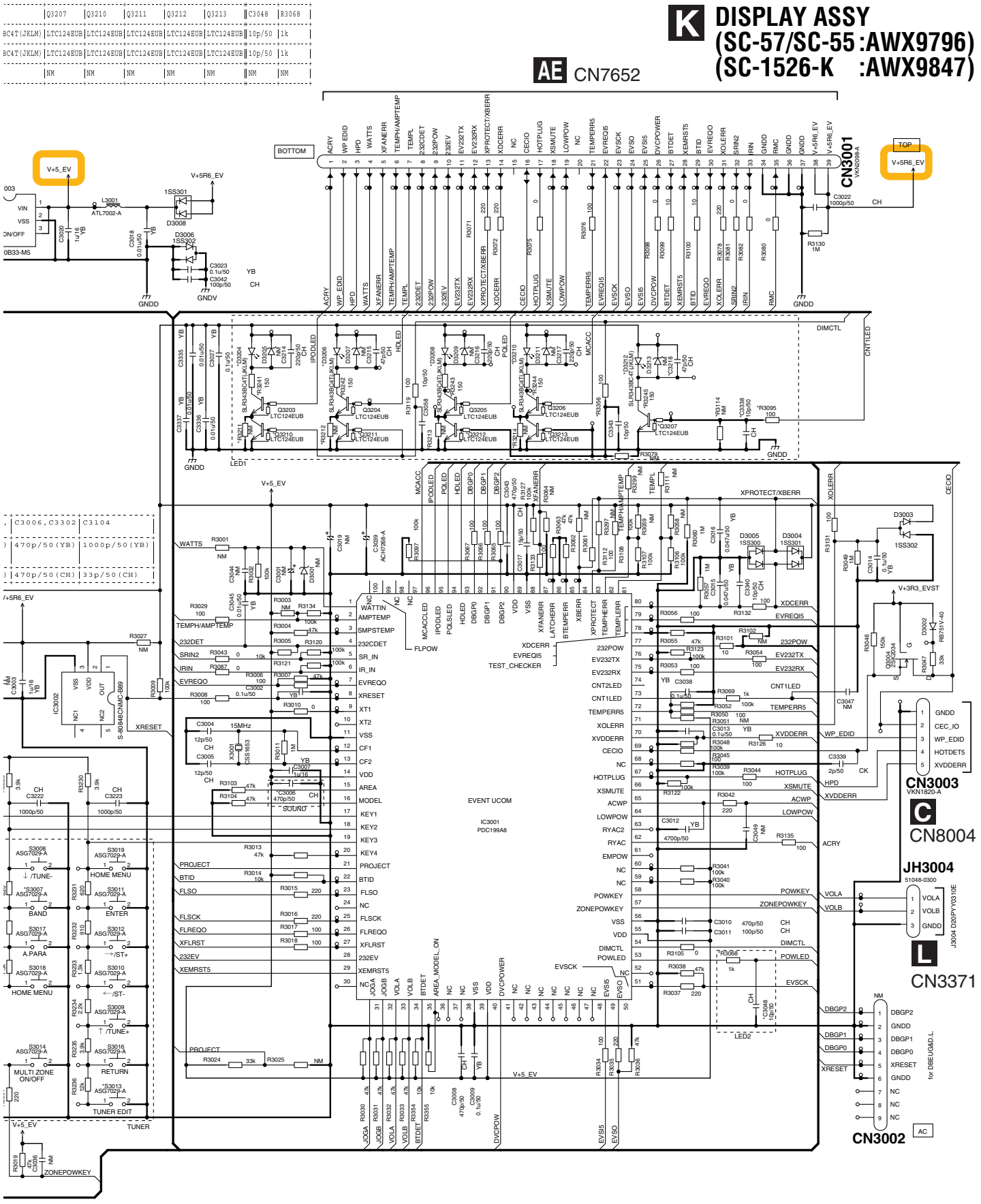
2,CAPACITORS
Unit :p-pF or μ F or unless otherwise noted.
Ratings :Capacity(μ F)/Voltage(V) unless otherwise noted.
YB :CKSRYB CH :CCSRCH AT :CEAT JQ :CEJQ

3,NM :No mount

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

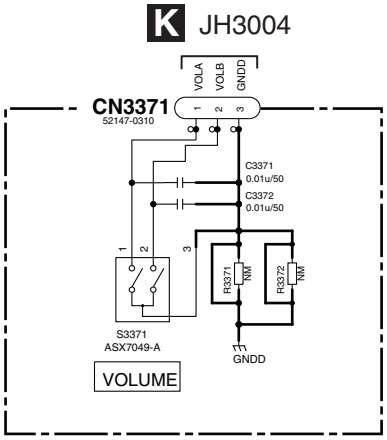
K DISPLAY ASSY (SC-57/SC-55 :AWX9796) (SC-1526-K :AWX9847)

AE CN7652

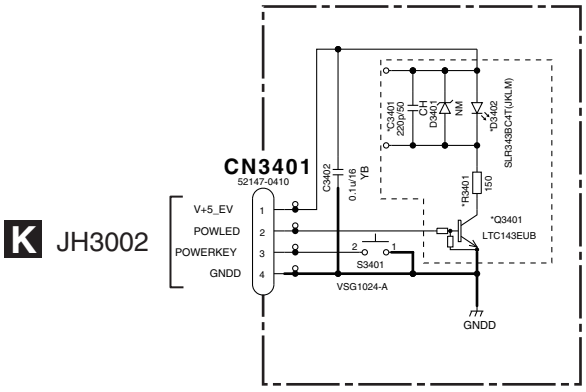


10.24 VOL and POWER SW ASSYS

L VOL ASSY (AWX9797)



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



	AWX9798-	AWX9901-
C3401	220p/50	NM
R3401	150	NM
D3402	SLR343BC4T(JKLM)	NM
Q3401	LTC143EUB	NM

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 or unless otherwise noted.
Ratings :Capacity(μ F)/Voltage(V) unless otherwise noted.
YB :CKSRYB CH :CCSRCH AT :CEAT JQ :CEJQ

3,NM :No mount

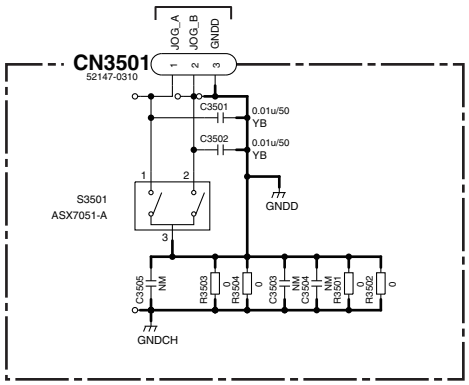
L M

L M

10.25 ENCODER ASSY

N ENCODER ASSY (AWX9801)

K JH3003



NOTE

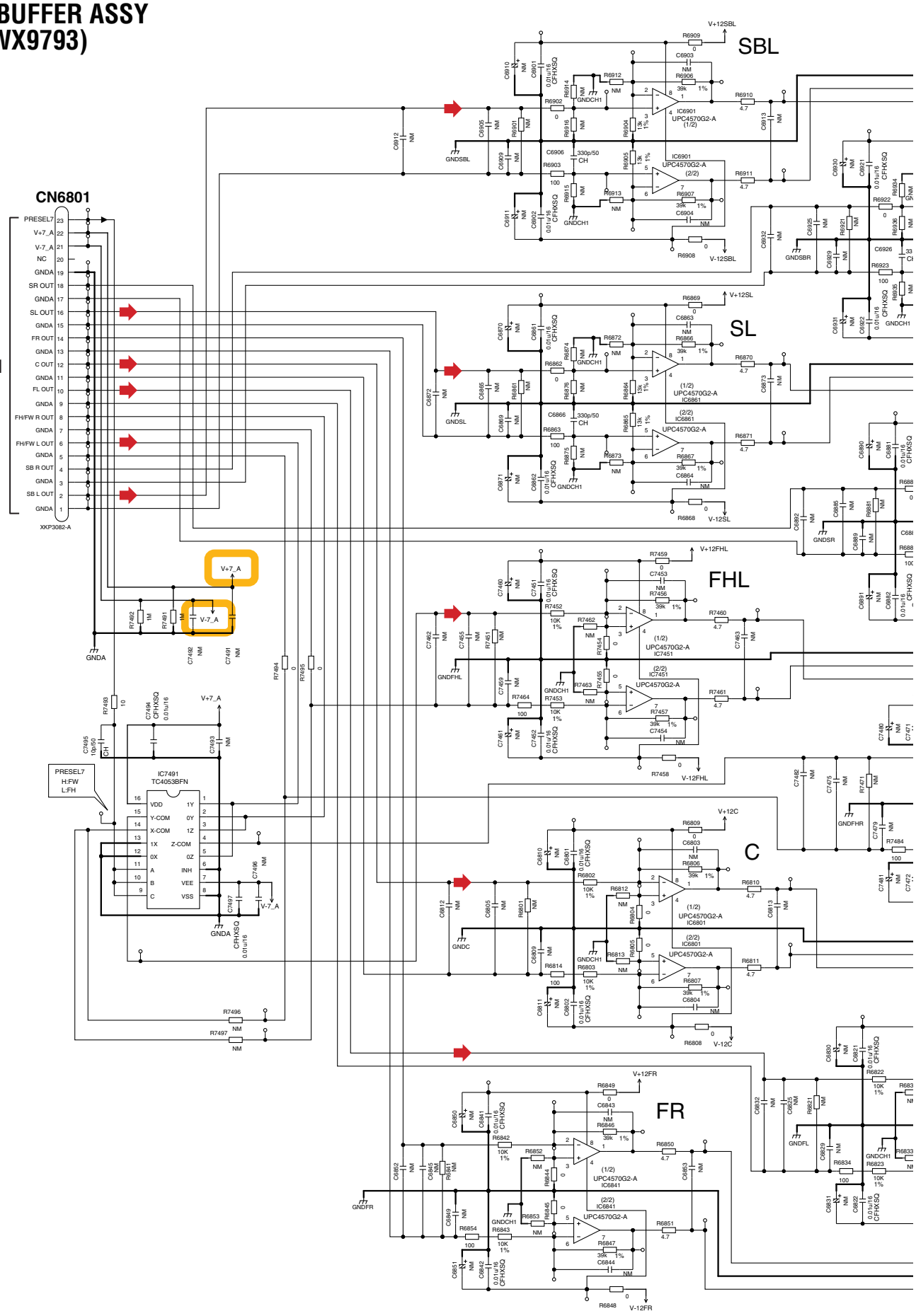
1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/10W unless otherwise noted.
Tolerance: (J) ± 5% unless otherwise noted.

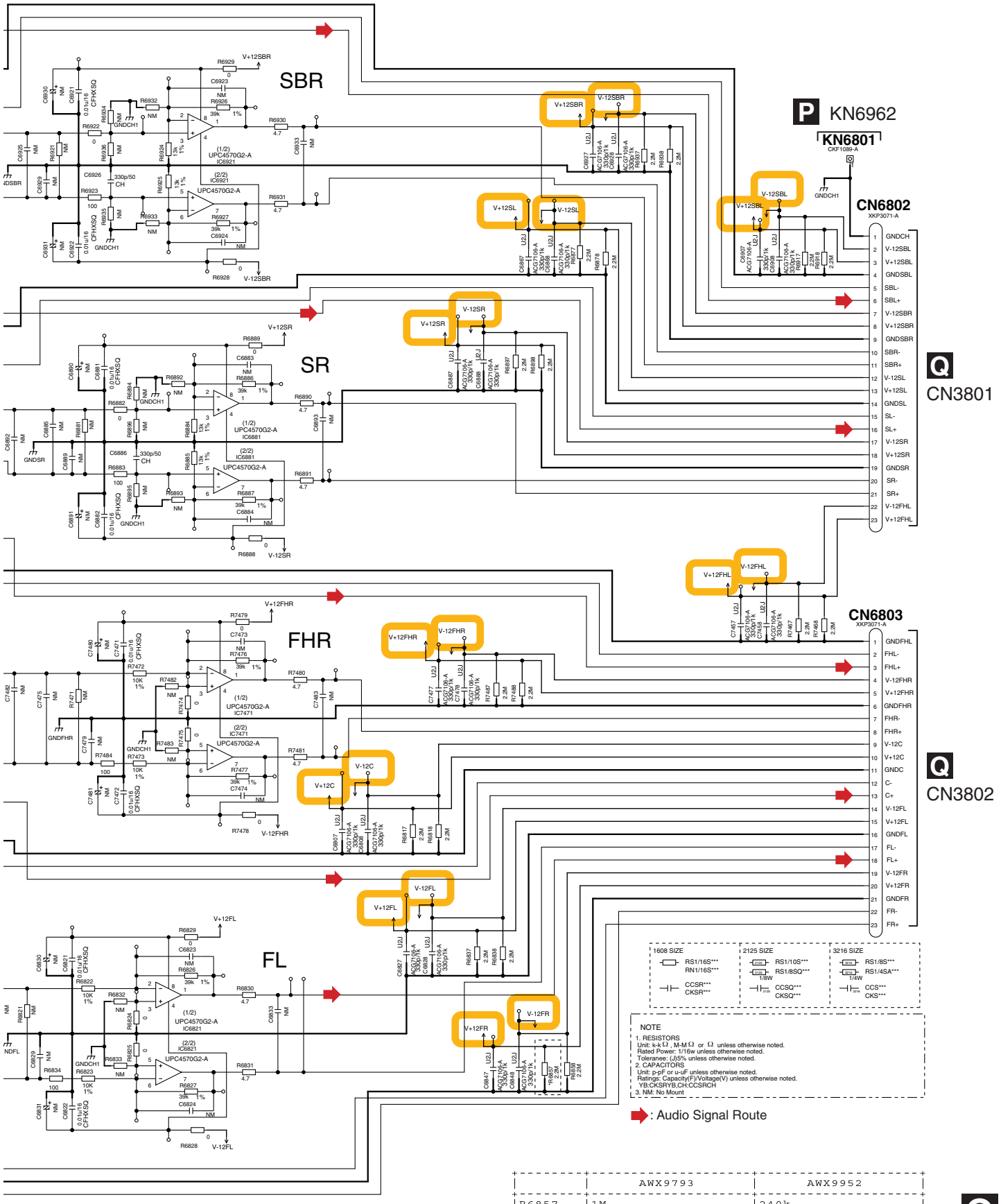
2.CAPACITORS
Unit: p-pF, or μ F unless otherwise noted.
Ratings: Capacity(μ F)/Voltage(V) unless otherwise noted.

3.NM :No mount

10.26 IR BUFFER ASSY

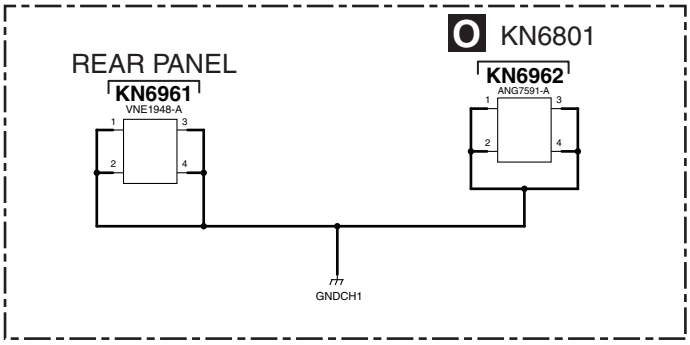
O IR BUFFER ASSY (AWX9793)




SBR
SR
FHR
FL
P KN6962
KN6801
CKF1089-A
CN6802
XKP3071-A
Q CN3801
CN6803
XKP3071-A
Q CN3802
GNDCH
V-12SBL
V+12SBL
GNDSBL
SBL-
SBL+
V-12SBR
V+12SBR
GNDSBR
SBR-
SBR+
V-12SL
V+12SL
GNDSL
SL-
SL+
V-12SR
V+12SR
GNDSR
SR-
SR+
V-12FHL
V+12FHL
GNDFHL
FHL-
FHL+
V-12FHR
V+12FHR
GNDFHR
FHR-
FHR+
V-12C
V+12C
GNDC
C-
C+
V-12FL
V+12FL
GNDFL
FL-
FL+
V-12FR
V+12FR
GNDFR
FR-
FR+
1608 SIZE
RS1/16S***
RN1/16S***
CCSR***
CKSR***
2125 SIZE
RS1/10S***
RS1/8SQ***
1/8W
CCSQ***
CKSQ***
3216 SIZE
RS1/8S***
RS1/4SA***
1/4W
CCS***
CKS***
NOTE
1. 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.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
YB:CKSRYB,CH:CCSRCH
3. NM: No Mount
: Audio Signal Route
AWX9793
AWX9952
R6857
1M
240k

10.27 BUFFER GND and IR INTERFACE ASSYS

P BUFFER GND ASSY (AWX9795)



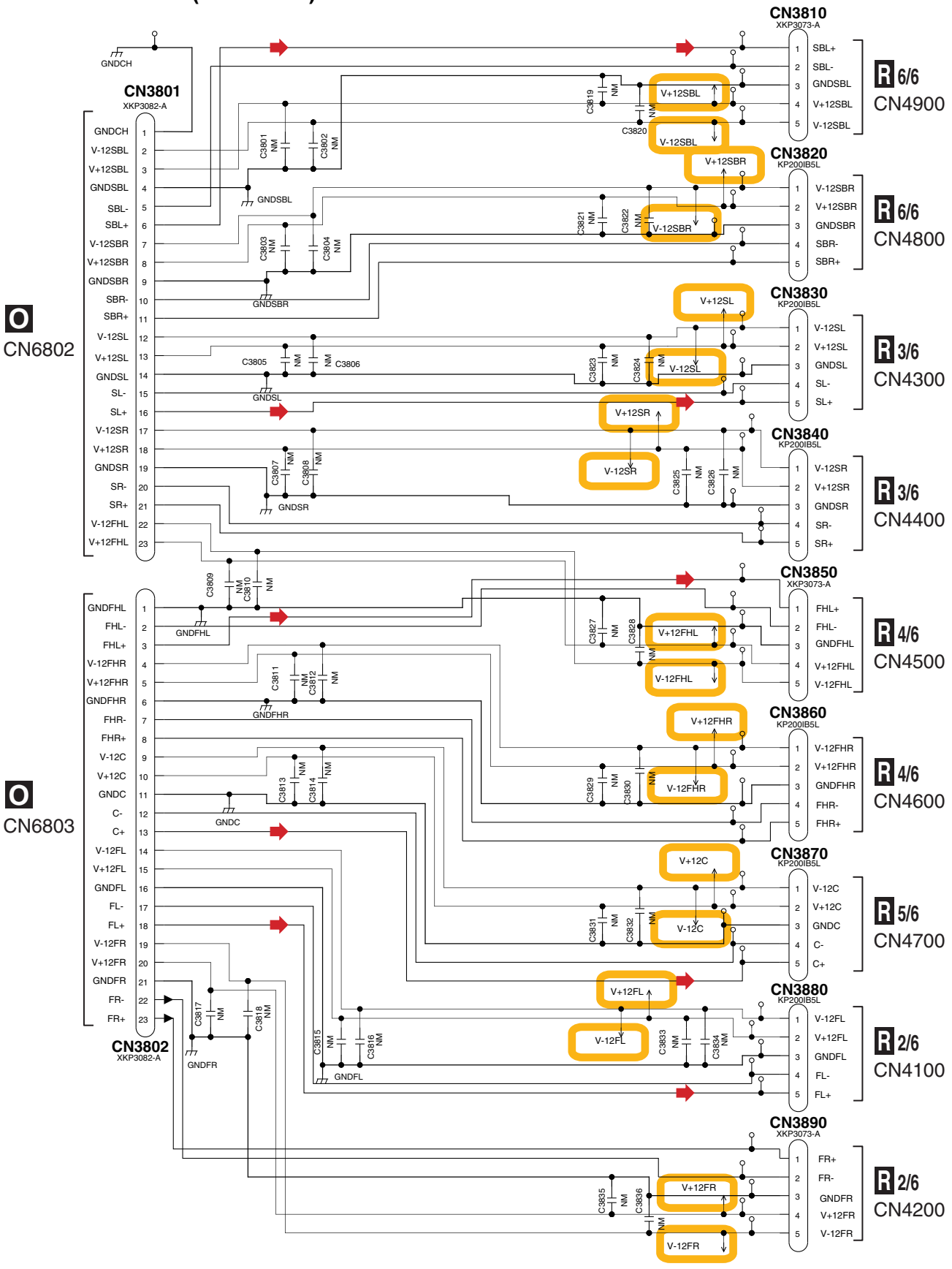
O CN6802

O CN6803

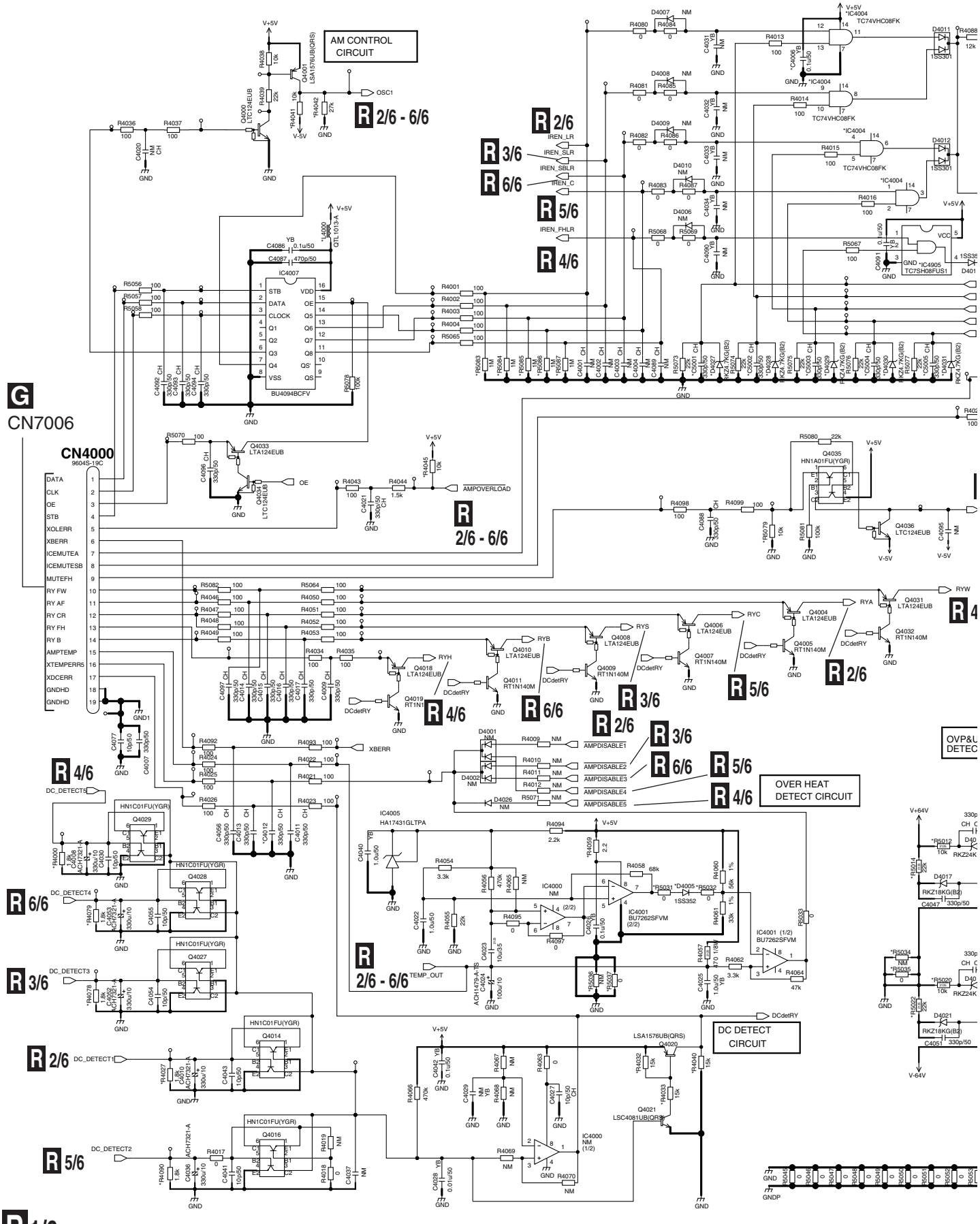
NOTE
1. RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Toleranee: (J)5% unless otherwise noted.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
YB:CKSRYB,CH:CCSRCH
3. NM: No Mount

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***

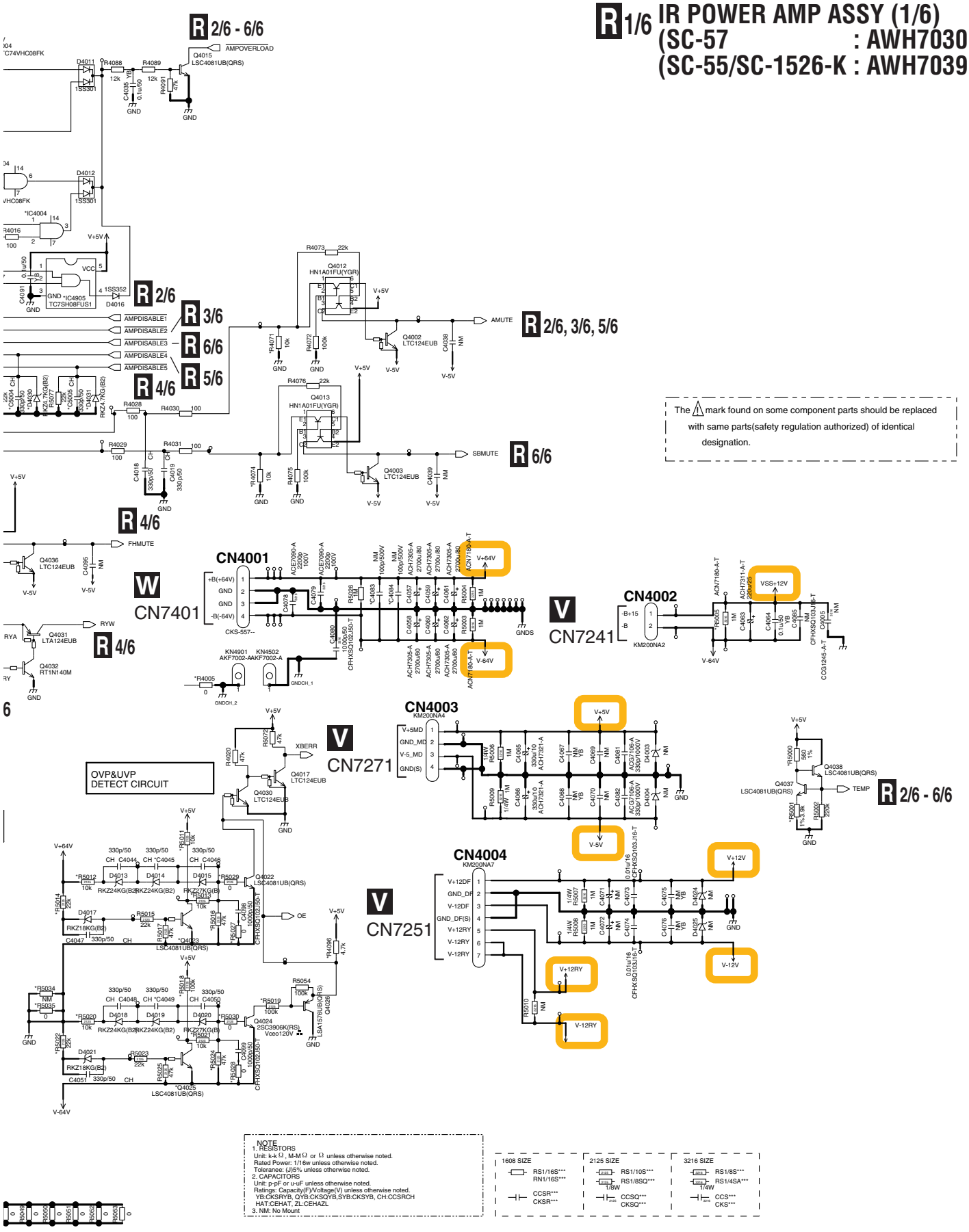
Q IR INTERFACE ASSY (AWX9792)



10.28 IR POWER AMP ASSY (1/6)



R 1/6 IR POWER AMP ASSY (1/6)
(SC-57 : AWH7030)
(SC-55/SC-1526-K : AWH7039)

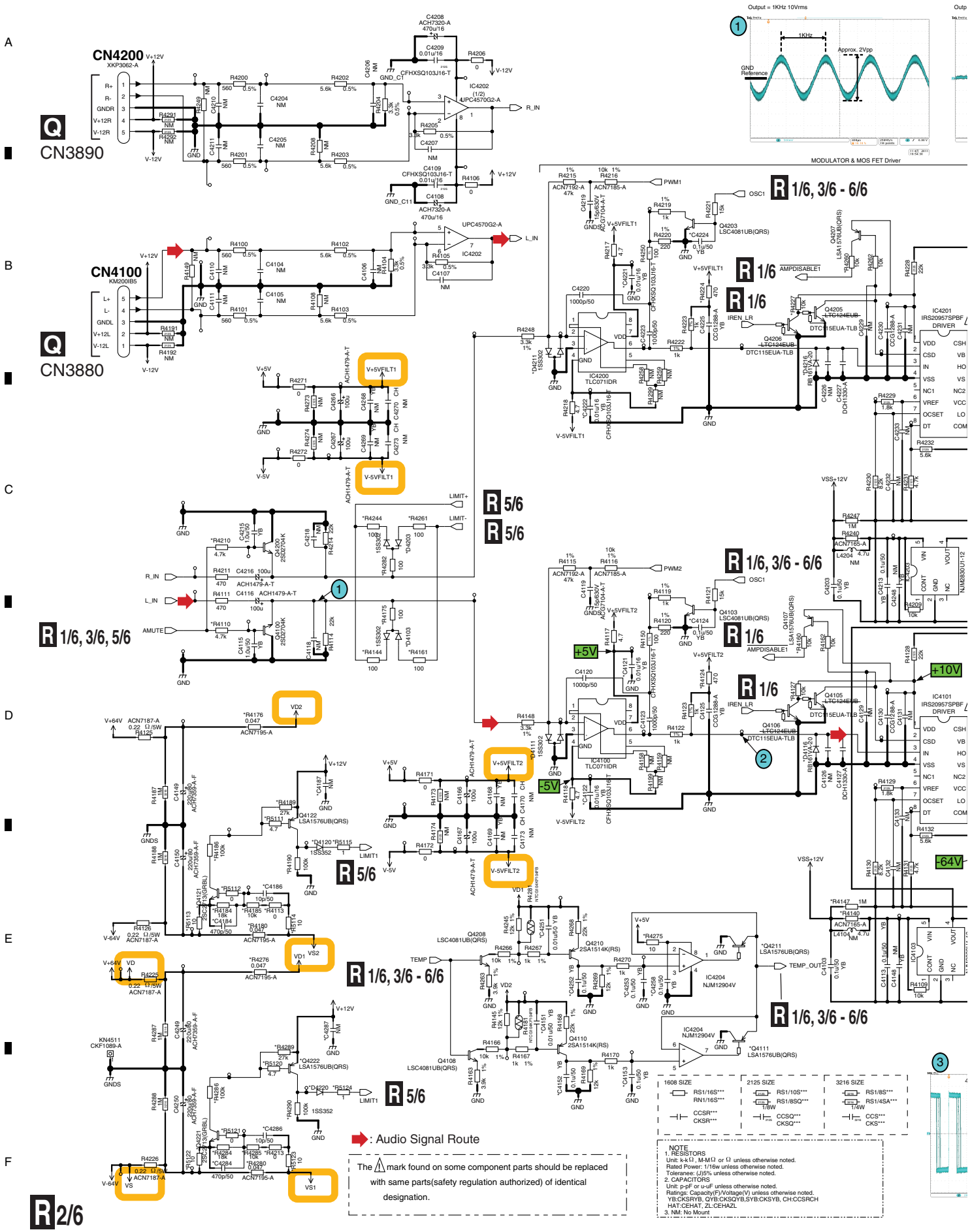


The ⚠ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

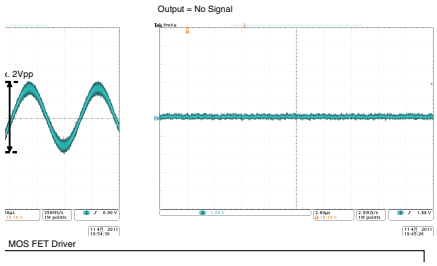
NOTE
1. RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
YB:CKSRYB, QYB:CKSQYB,SYB:CKSYB, CH:CCSRCH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

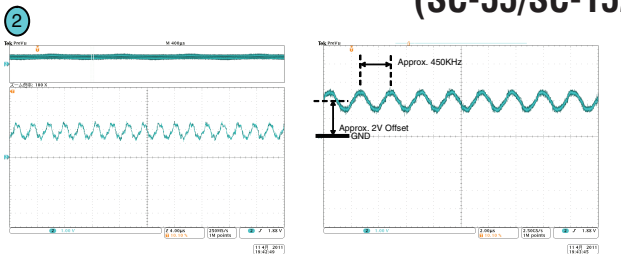
1608 SIZE	2125 SIZE	3216 SIZE
RS1/16S*** RN1/16S***	RS1/10S***	RS1/8S***
CCSR*** CKSR***	RS1/8SQ*** 1/8W CCSQ*** CKSQ***	RS1/4SA*** 1/4W CCS*** CKS***

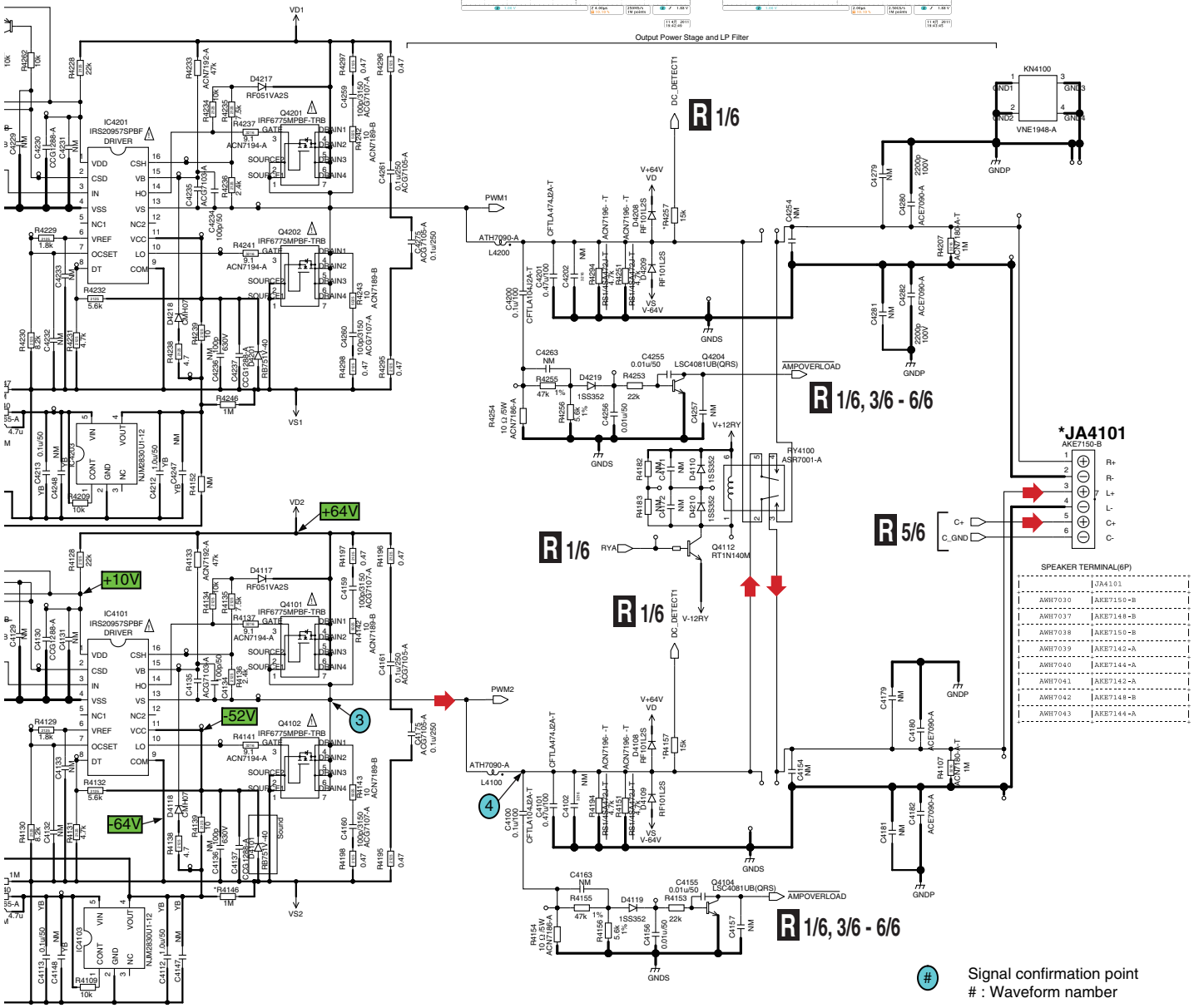
10.29 IR POWER AMP ASSY (2/6)



R2/6 IR POWER AMP ASSY (2/6)
(SC-57 : AWH7030)
(SC-55/SC-1526-K : AWH7039)



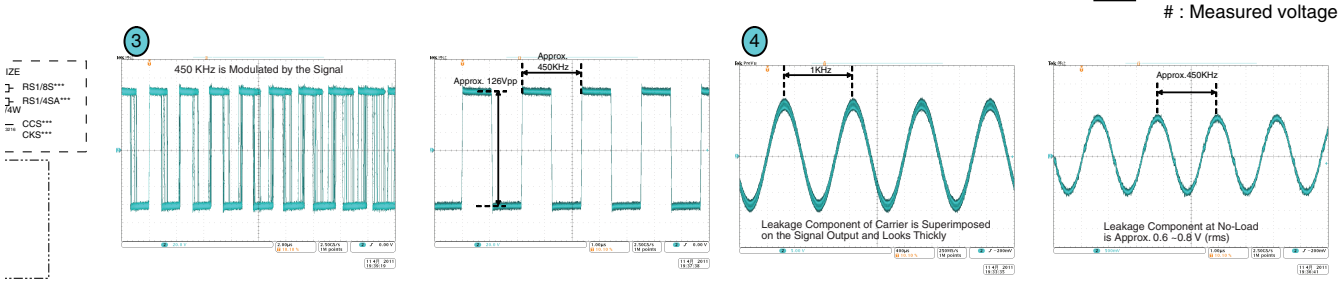




	JA4101
AWH7030	AKE7150-B
AWH7037	AKE7148-B
AWH7038	AKE7150-B
AWH7039	AKE7142-A
AWH7040	AKE7144-A
AWH7041	AKE7142-A
AWH7042	AKE7148-B
AWH7043	AKE7144-A

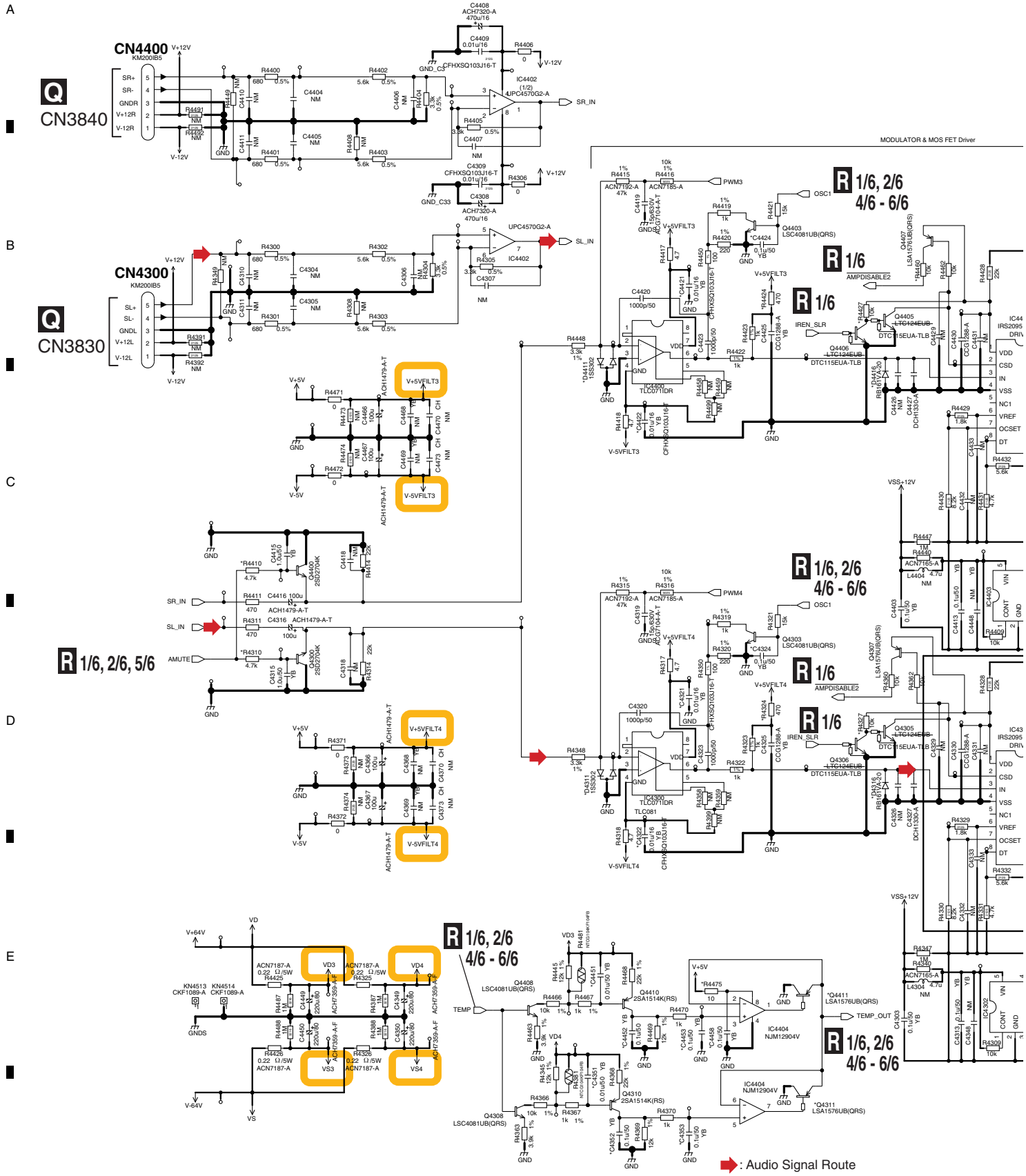
(#) Signal confirmation point
: Waveform namber

Power supply confirmation point
: Measured voltage



R2/6

10.30 IR POWER AMP ASSY (3/6)



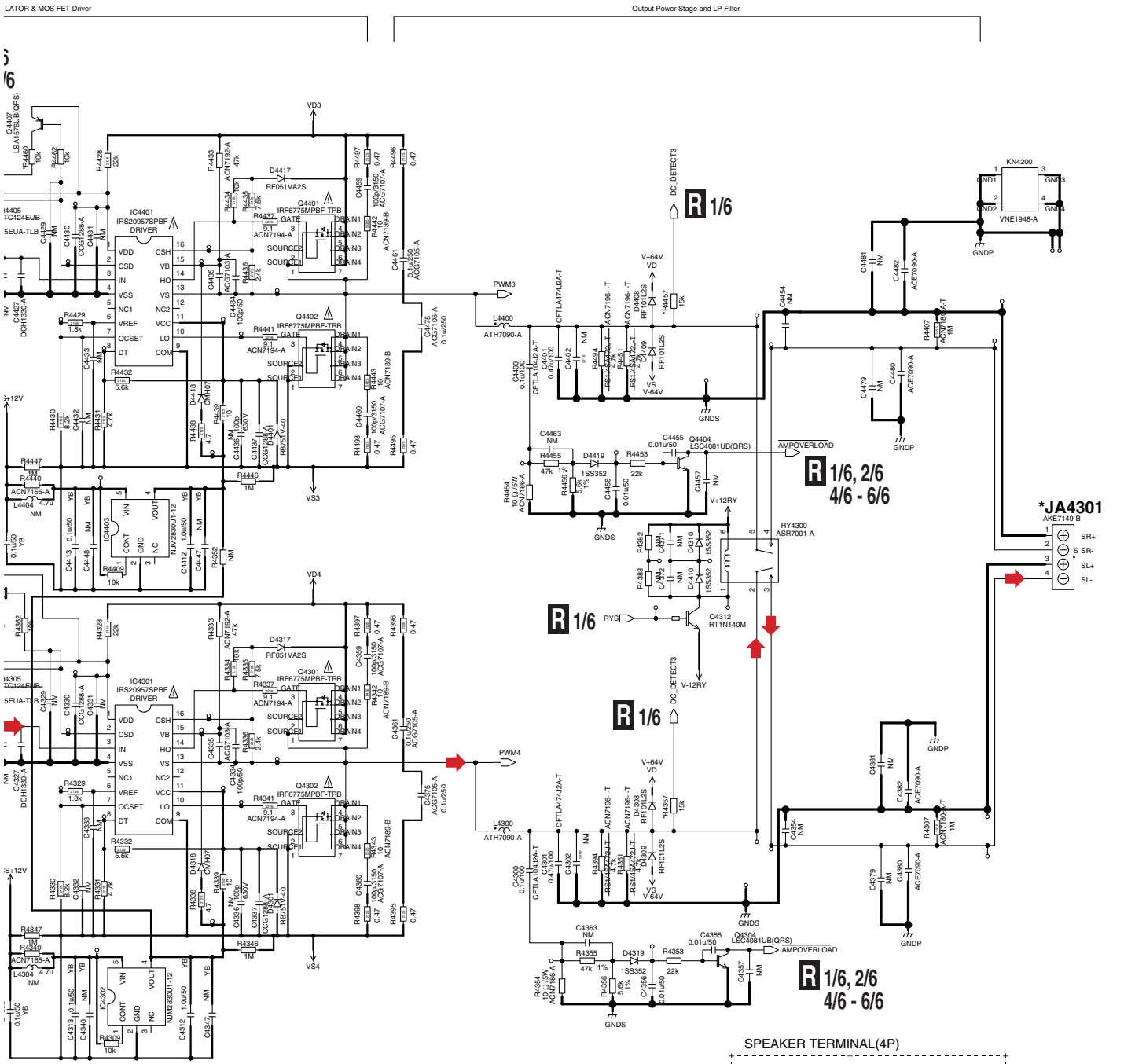
The ⚠ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

NOTE
1. RESISTORS.
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Toleranee: (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:CKSRYB, QYB:CKSQYB,SYB:CKSYB, CH:CCSRCH
HAT:CEHAT, ZL:CEHAZL
3. NM: No Mount

1608 SIZE
RS1/
RN1/
CCS
CKSI

R3/6

R3/6 IR POWER AMP ASSY (3/6)
(SC-57 : AWH7030)
(SC-55/SC-1526-K : AWH7039)

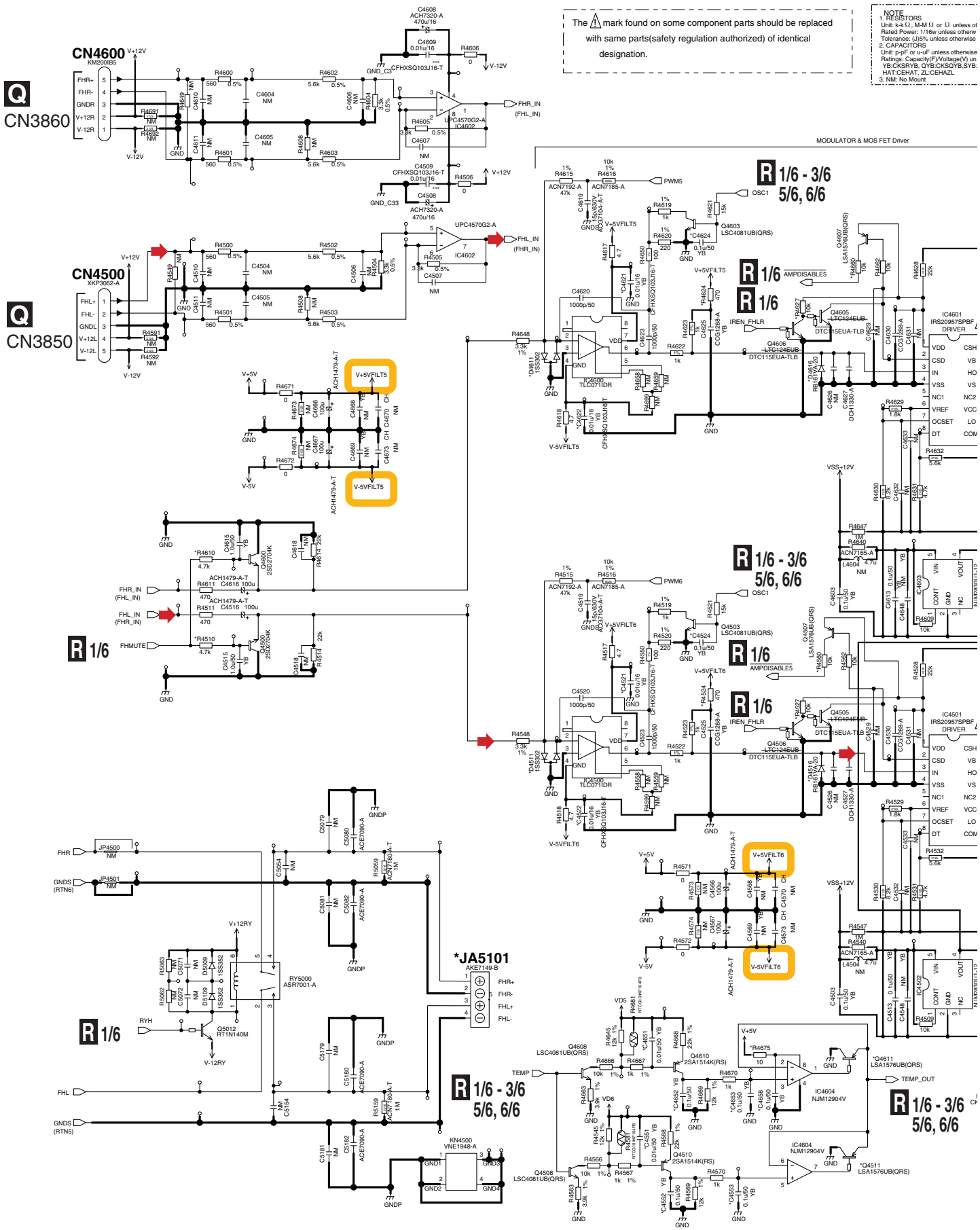


SPEAKER TERMINAL(4P)

	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

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

10.31 IR POWER AMP ASSY (4/6)



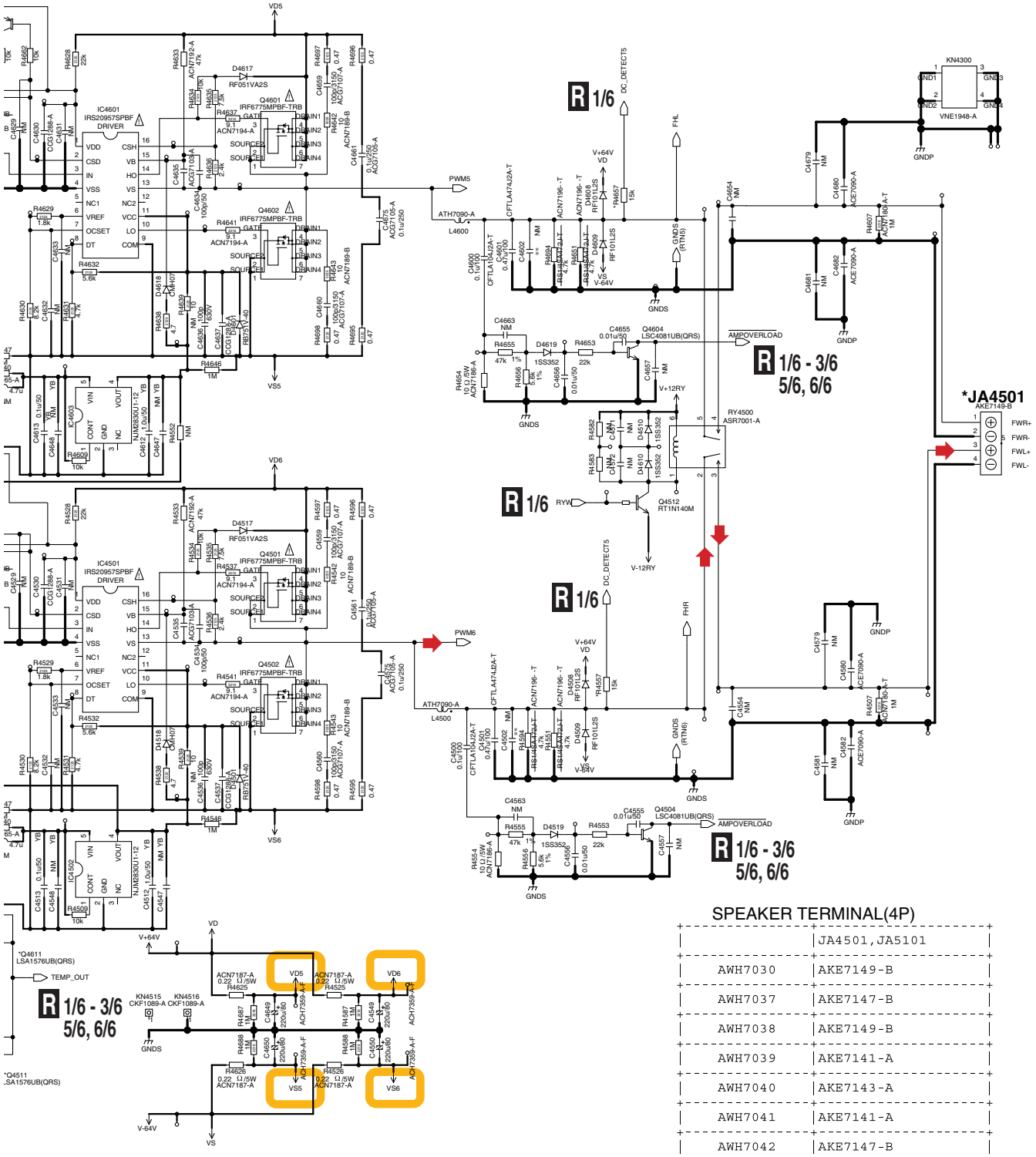
R4/6 IR POWER AMP ASSY (4/6)
(SC-57 : AWH7030)
(SC-55/SC-1526-K : AWH7039)

NOTE
1. RESISTORS
Unit: k-k Ω, M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Toleranee: (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:CKSRYB, QYB:CKSQYB,SYB:CKSYB, CH:CCSRCH
HAT:CEHAT, ZL:CEHAZL
3. NM: No Mount

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

MOS FET Driver

Output Power Stage and LP Filter



R1/6 - 3/6 5/6, 6/6

R1/6

R1/6 - 3/6 5/6, 6/6

R1/6

R1/6

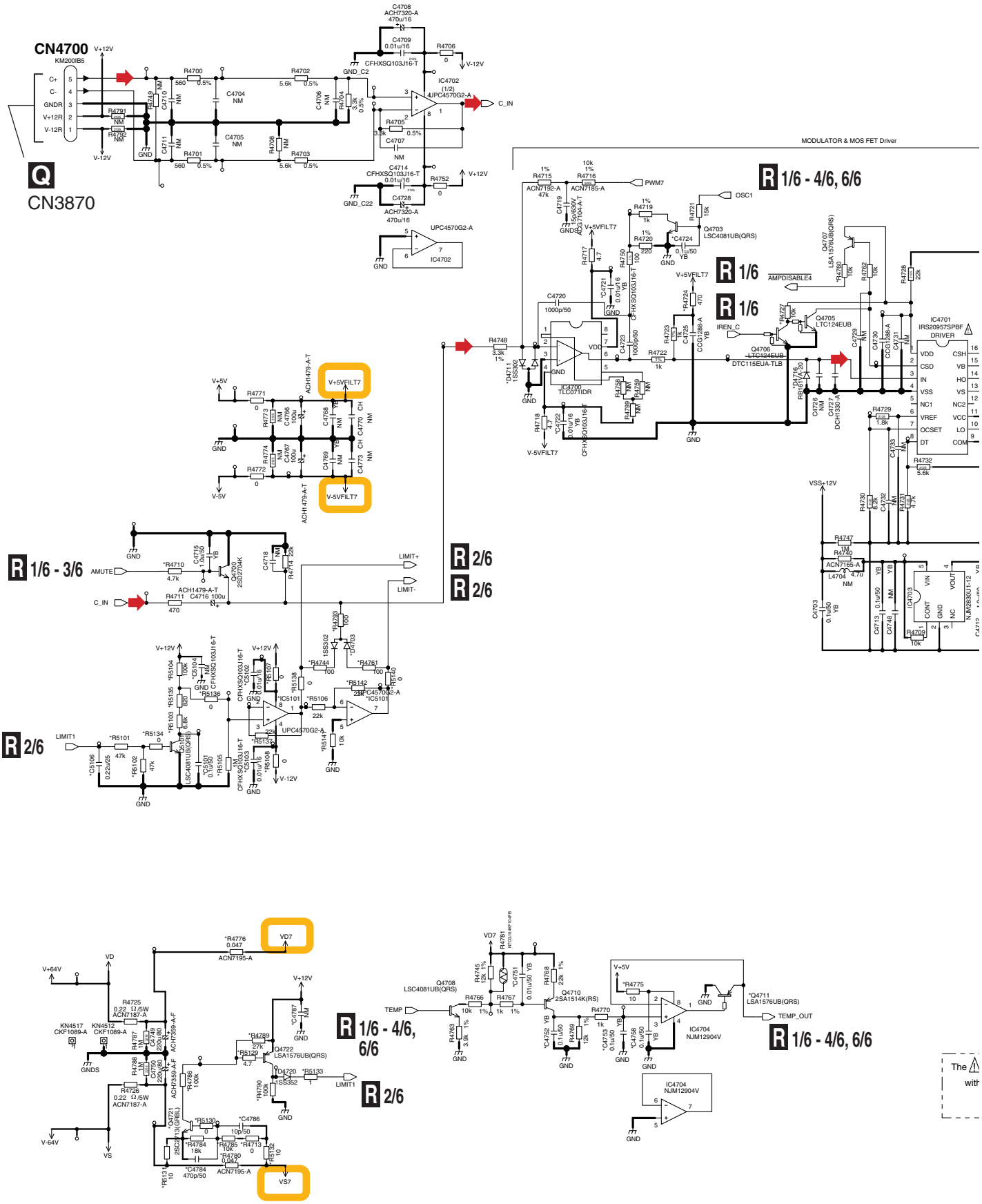
R1/6 - 3/6 5/6, 6/6

: Audio Signal Route

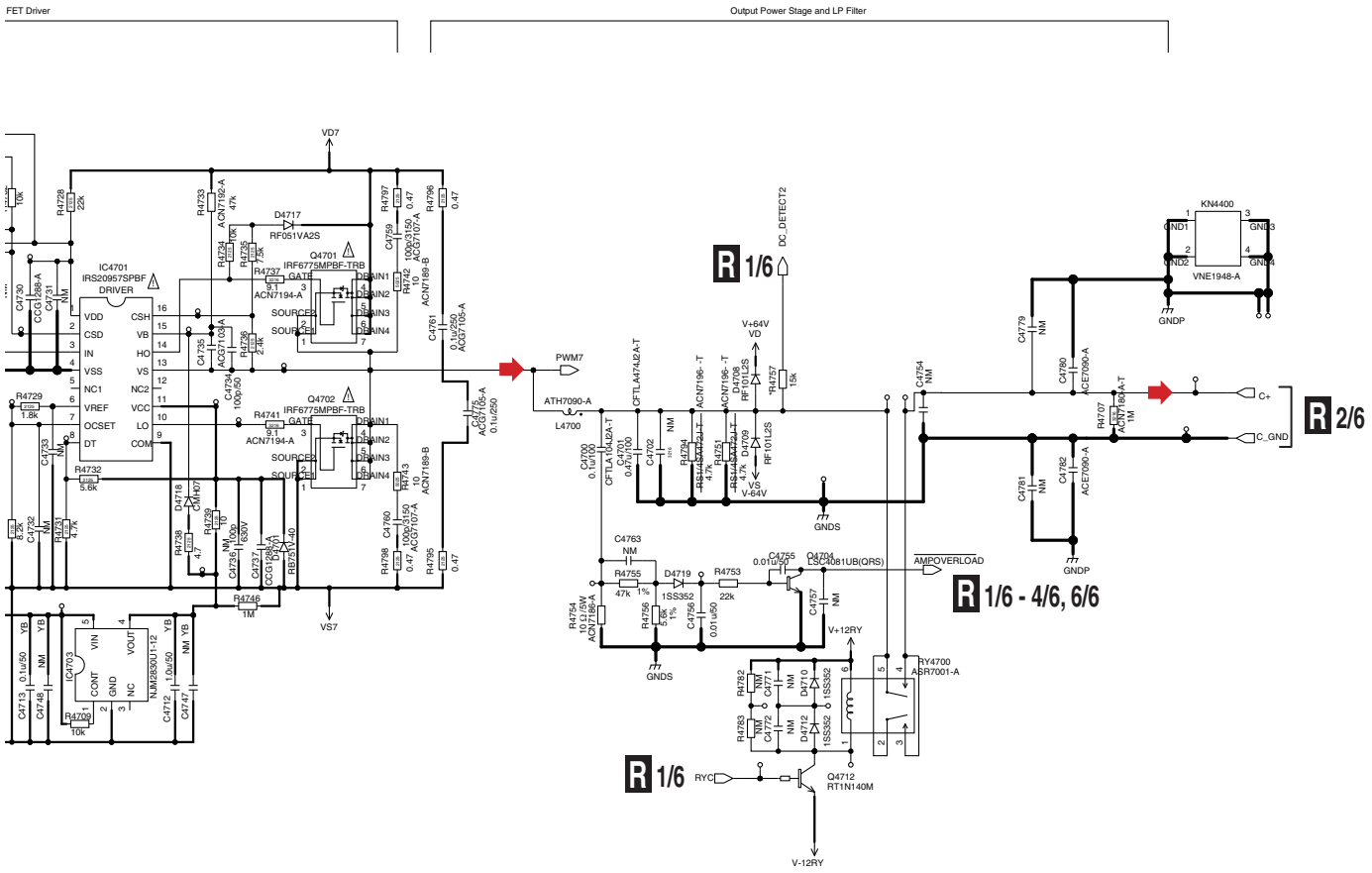
SPEAKER TERMINAL(4P)

	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

10.32 IR POWER AMP ASSY (5/6)



R5/6 IR POWER AMP ASSY (5/6)
(SC-57 : AWH7030)
(SC-55/SC-1526-K : AWH7039)



6

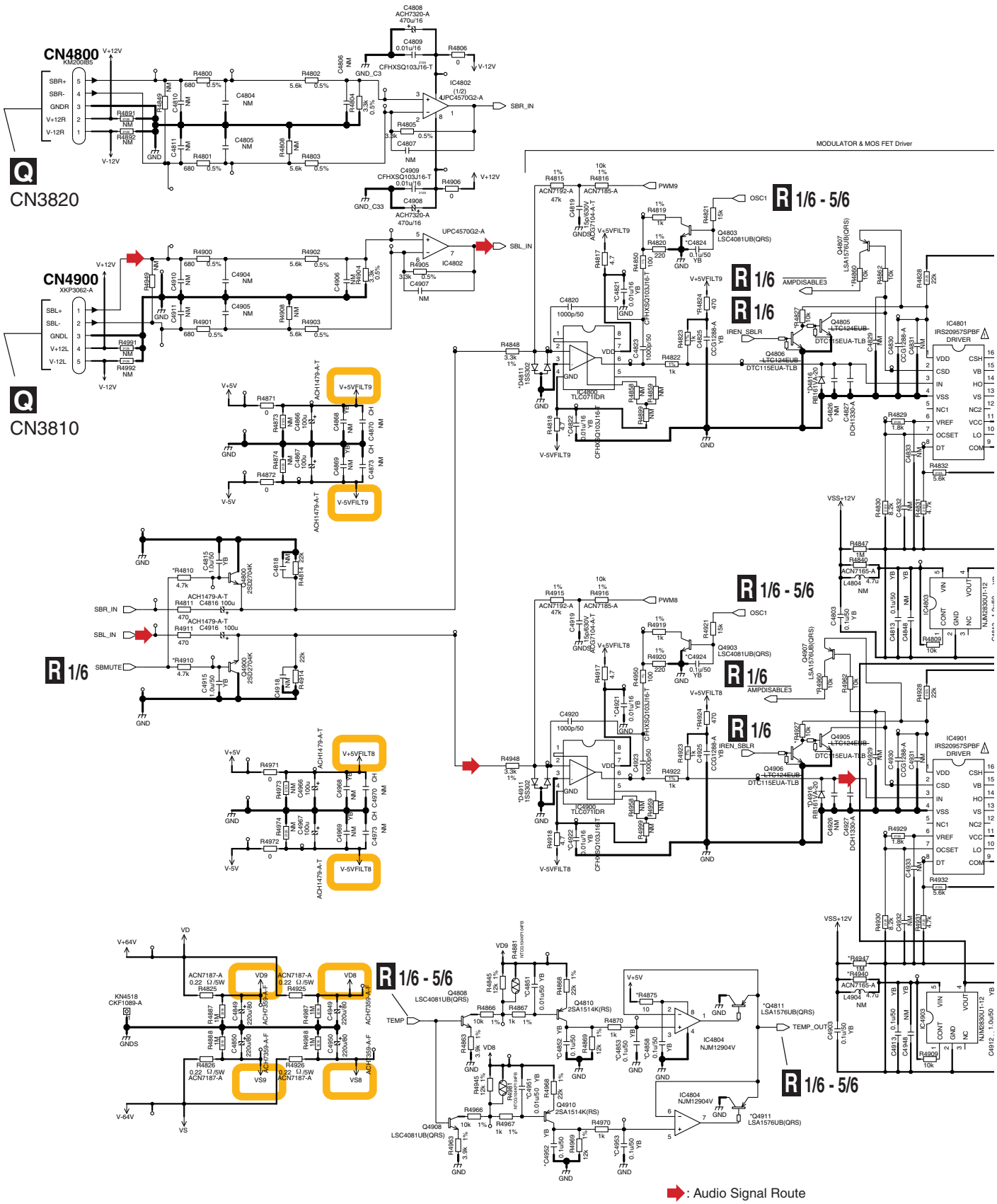
The ⚠ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

NOTE
1. RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Toleranee: (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:CKSRYB, QYB:CKSQYB,SYB:CKSYB, CH:CCSRCH
HAT:CEHAT, ZL:CEHAZL
3. NM: No Mount

: Audio Signal Route

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

10.33 IR POWER AMP ASSY (6/6)

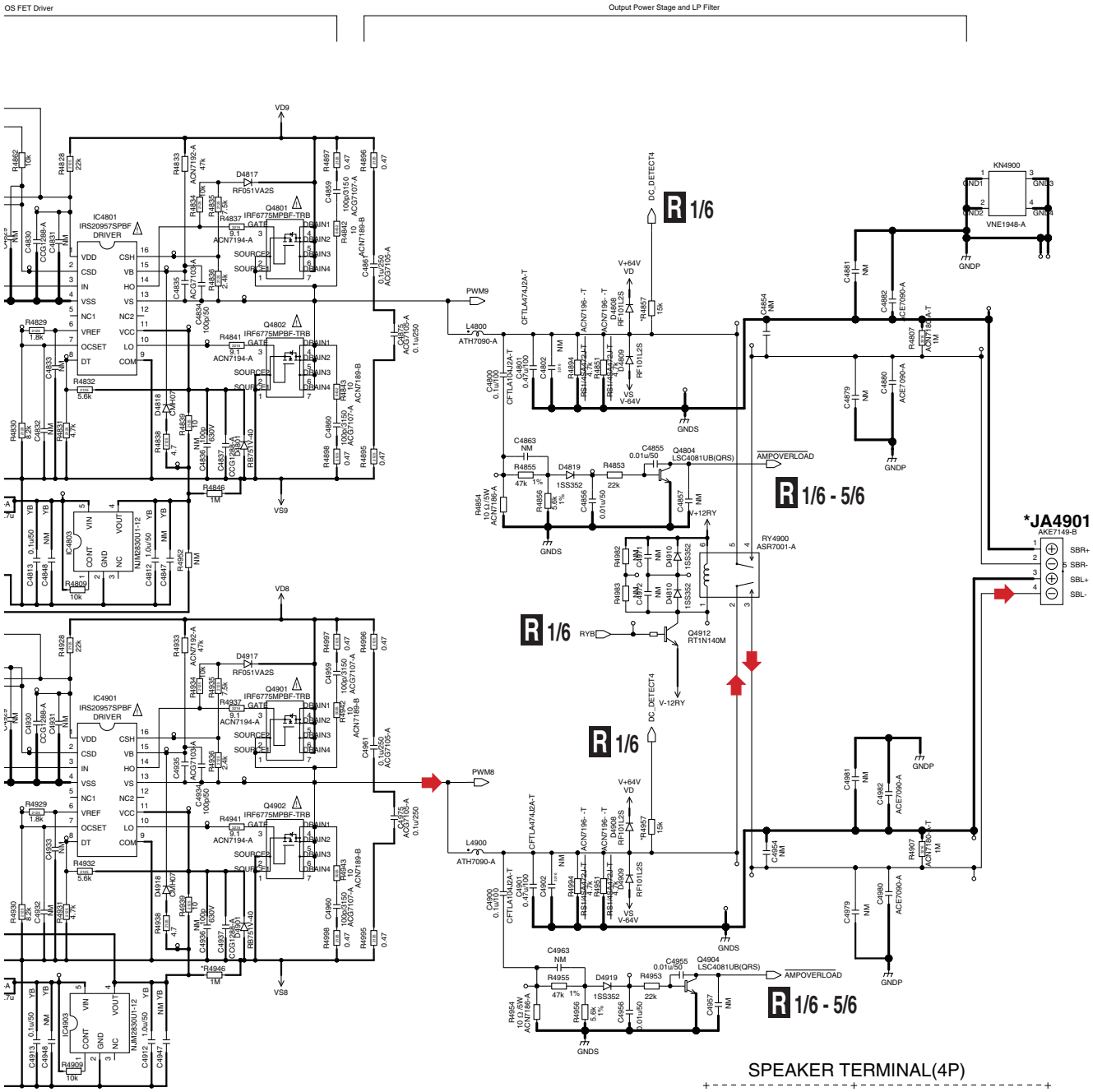


The ⚠ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

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.
YB:CKSRYB, QYB:CKSQYB,SYB:CKSYB, CH:CCSRCH
HAT:CEHAT, ZL:CEHAZL
3. NM: No Mount

1608 SIZE
RS1/16S*
RN1/16S*
CCSR***
CKSR***

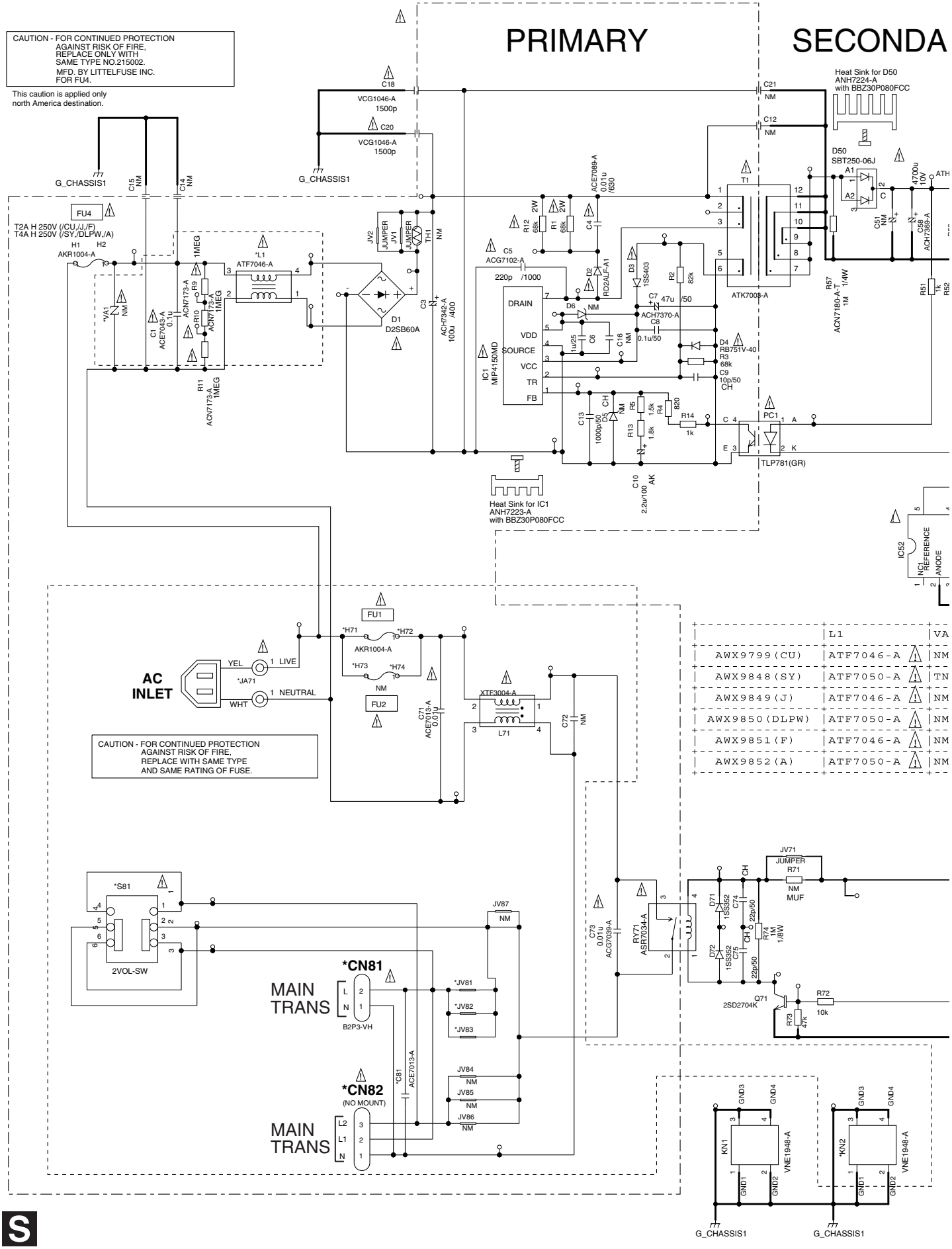
R6/6 IR POWER AMP ASSY (6/6)
(SC-57 : AWH7030)
(SC-55/SC-1526-K : AWH7039)



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

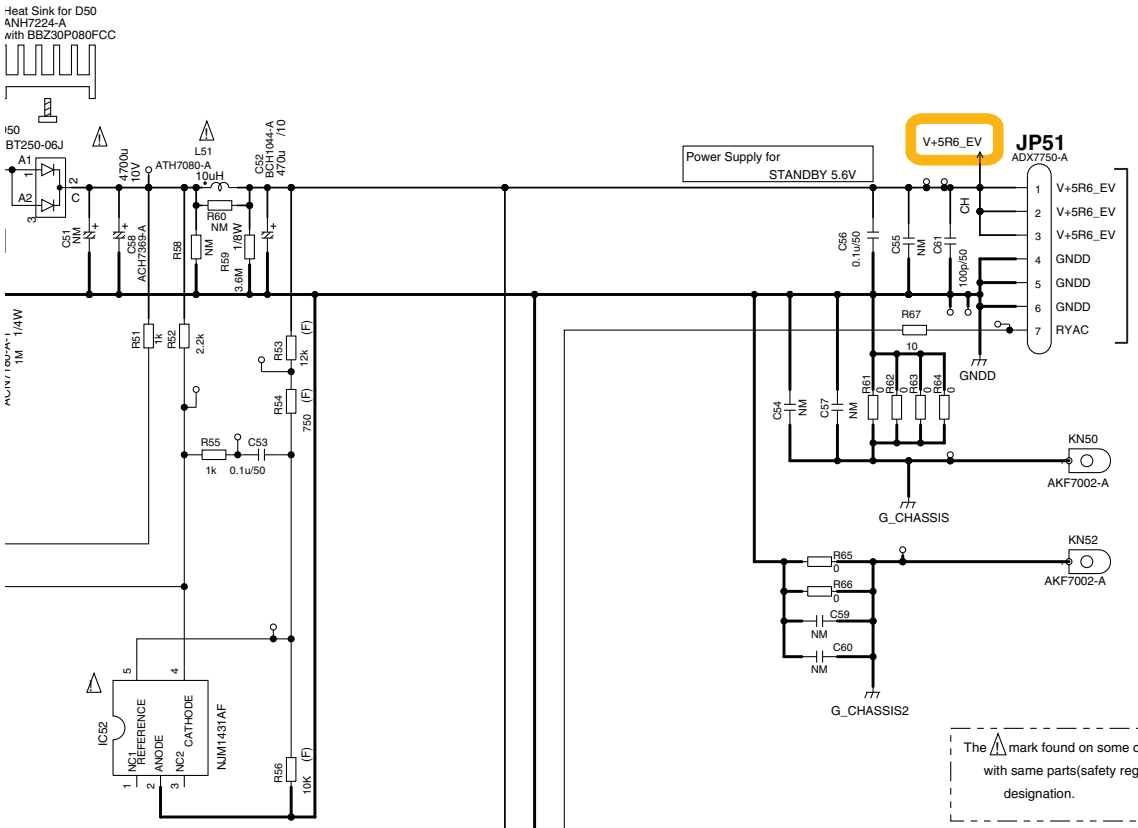
10.34 PRIMARY and PRIMARY SHIELD ASSYS



	L1	VA
AWX9799(CU)	ATF7046-A	NM
AWX9848(SY)	ATF7050-A	TN
AWX9849(J)	ATF7046-A	NM
AWX9850(DLPW)	ATF7050-A	NM
AWX9851(F)	ATF7046-A	NM
AWX9852(A)	ATF7050-A	NM

CONDARY

S PRIMARY ASSY (AWX9799)



F 10/11
CN9501

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

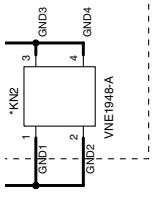
1	VA1
TF7046-A ⚠	NM
TF7050-A ⚠	TND10V-511KB00AAA0 ⚠
TF7046-A ⚠	NM
TF7050-A ⚠	NM
TF7046-A ⚠	NM
TF7050-A ⚠	NM

T PRIMARY SHIELD ASSY (AWX9811)

E CN7762



	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_1 ⚠	ADX7464-B_1 ⚠	ADX7513-A_1 ⚠	ADX7464-B_1 ⚠	ADX7464-B_1 ⚠	ADX7464-B_1 ⚠
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
S81	NM	NM	NM	AKX7020-A ⚠	NM	AKX7020-A ⚠

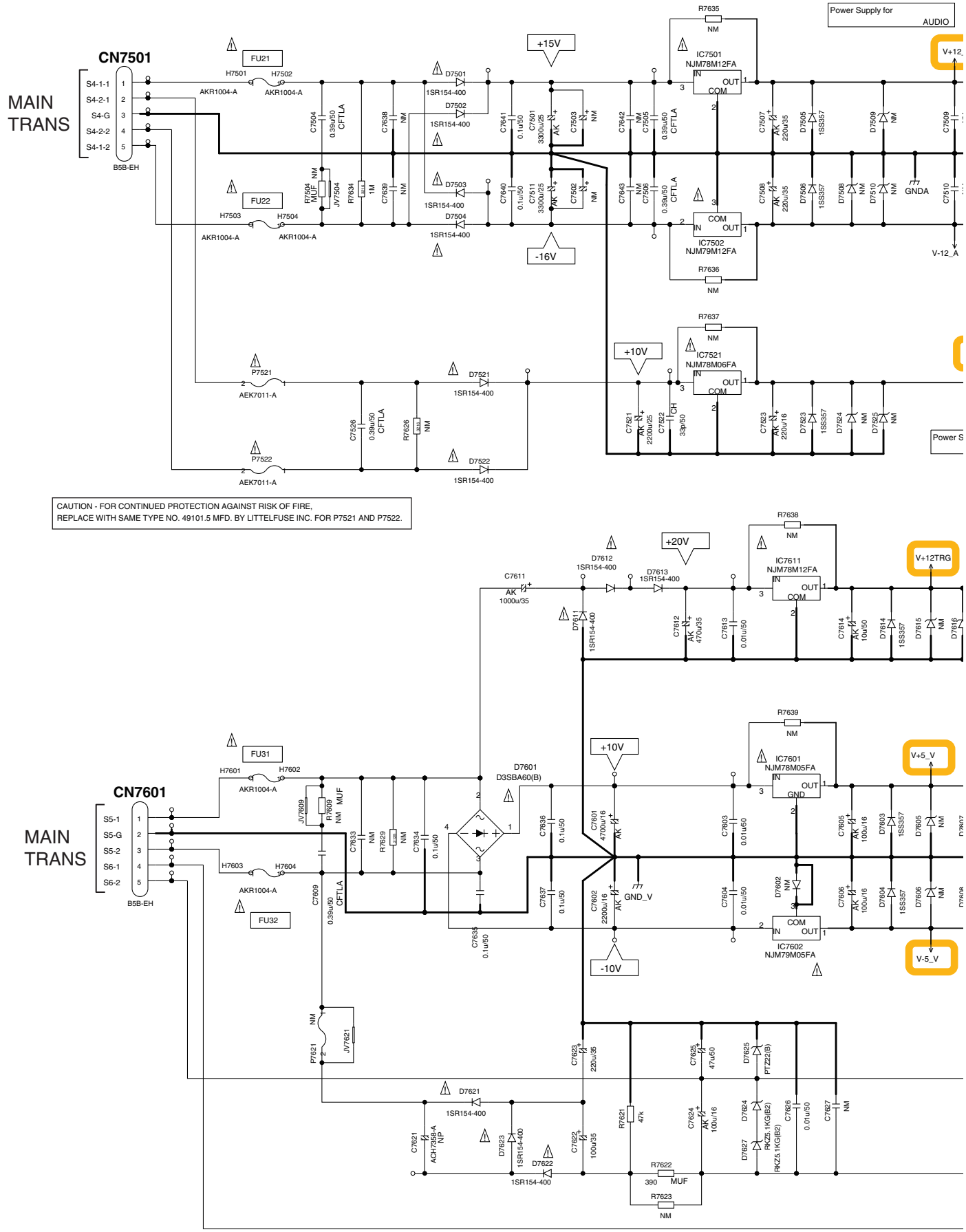


ASSIS1

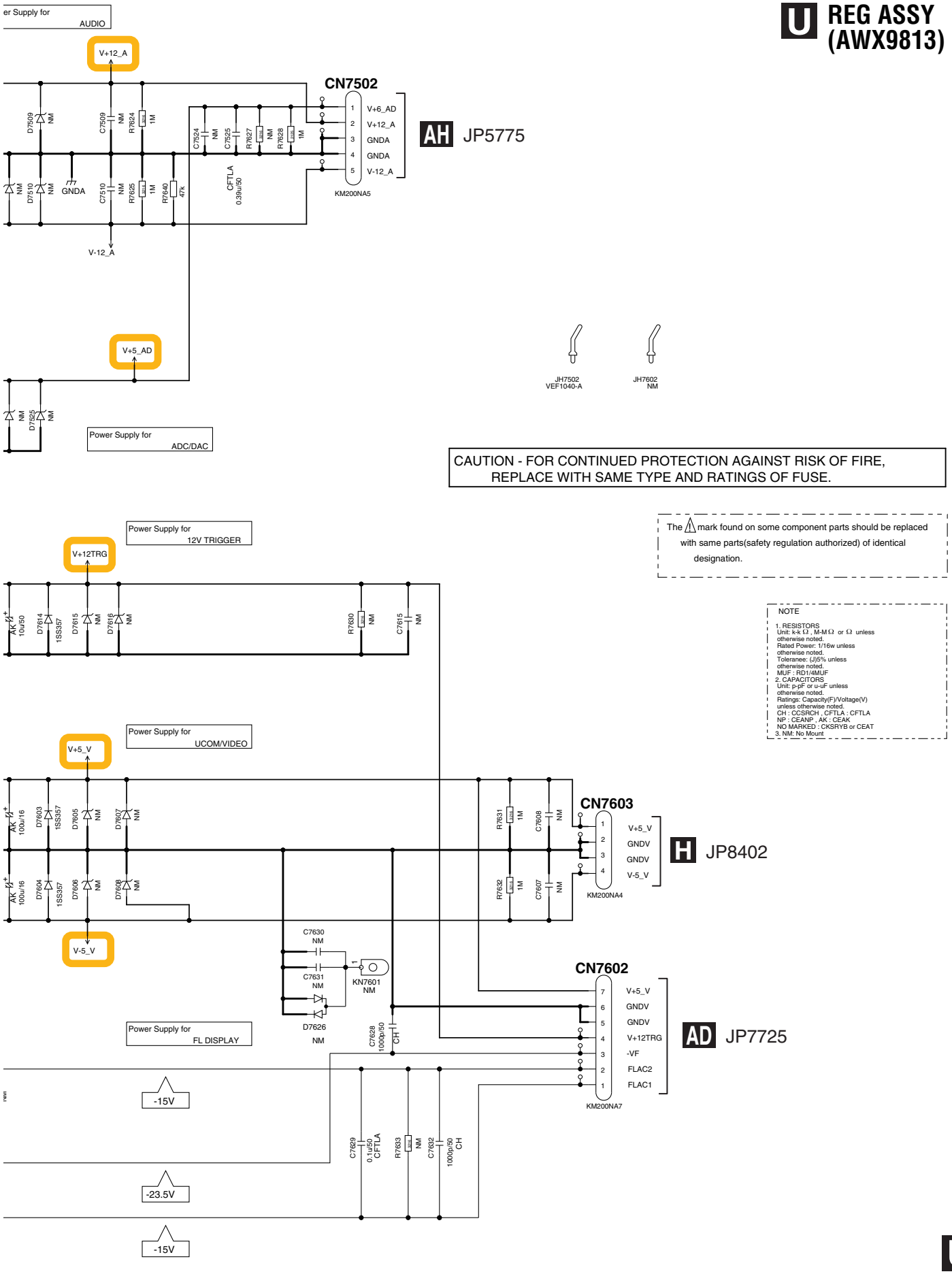
NOTE
1. RESISTORS
Unit: k-kΩ , M-MΩ or Ω unless otherwise noted.
Rated Power: 1/10w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
MUF : RD1/4MUF
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
CH : CCSRCH , CFTLA : CFTLA
AK : CEAK
NO MARKED : CKSRYB or CEAT
3. NM: No Mount

S T

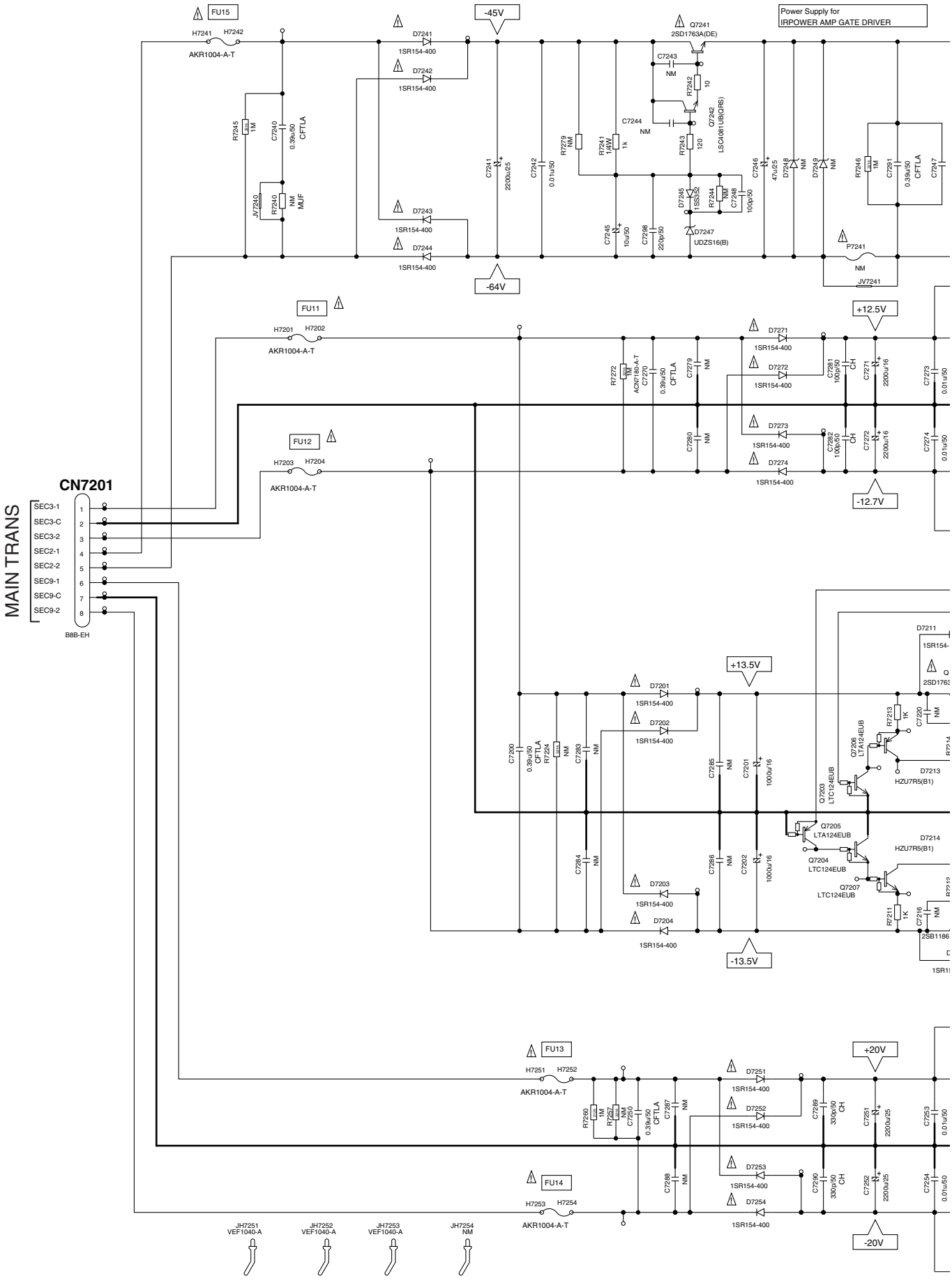
10.35 REG ASSY



U REG ASSY (AWX9813)



10.36 IR REG ASSY



V IR REG ASSY (AWX9806)

The ⚠ 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.
Toleranee: (J)5% unless otherwise noted.
MUF : RD1/4MUF
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

for
1P GATE DRIVER

CN7241
-B+15V
-B
KM200NA2
R 1/6
CN4002

P7241
JV7241

Power Supply for
IRPOWER AMP MODURATOR

+12.5V
IC7271
NJM78M05FA
IN OUT GND
-12.5V
IC7272
NJM79M05FA
COM IN OUT
V+5_MD
GND_MD
V-5_MD

CN7271
V+5_MD
GND_MD
V-5_MD
GND_MD(S)
KM200NA4
R 1/6
CN4003

Power Supply for
COOLING FAN

FANCTLL
FANCTLH

CN7281
XFANERR
FANCTLL
FANCTLH
KM200NA3
AD
CN7723

CN7291
V+FAN
V-FAN
LOCK DET
KM200NA3
AJ
CN5931

FAN	V+FAN	V-FAN
OFF	0V	0V
LOW	-0.7V	-6.5V
HIGH	+6.5V	-6.5V

Power Supply for
IRPOWER AMP INPUT STAGE & SP RELAY

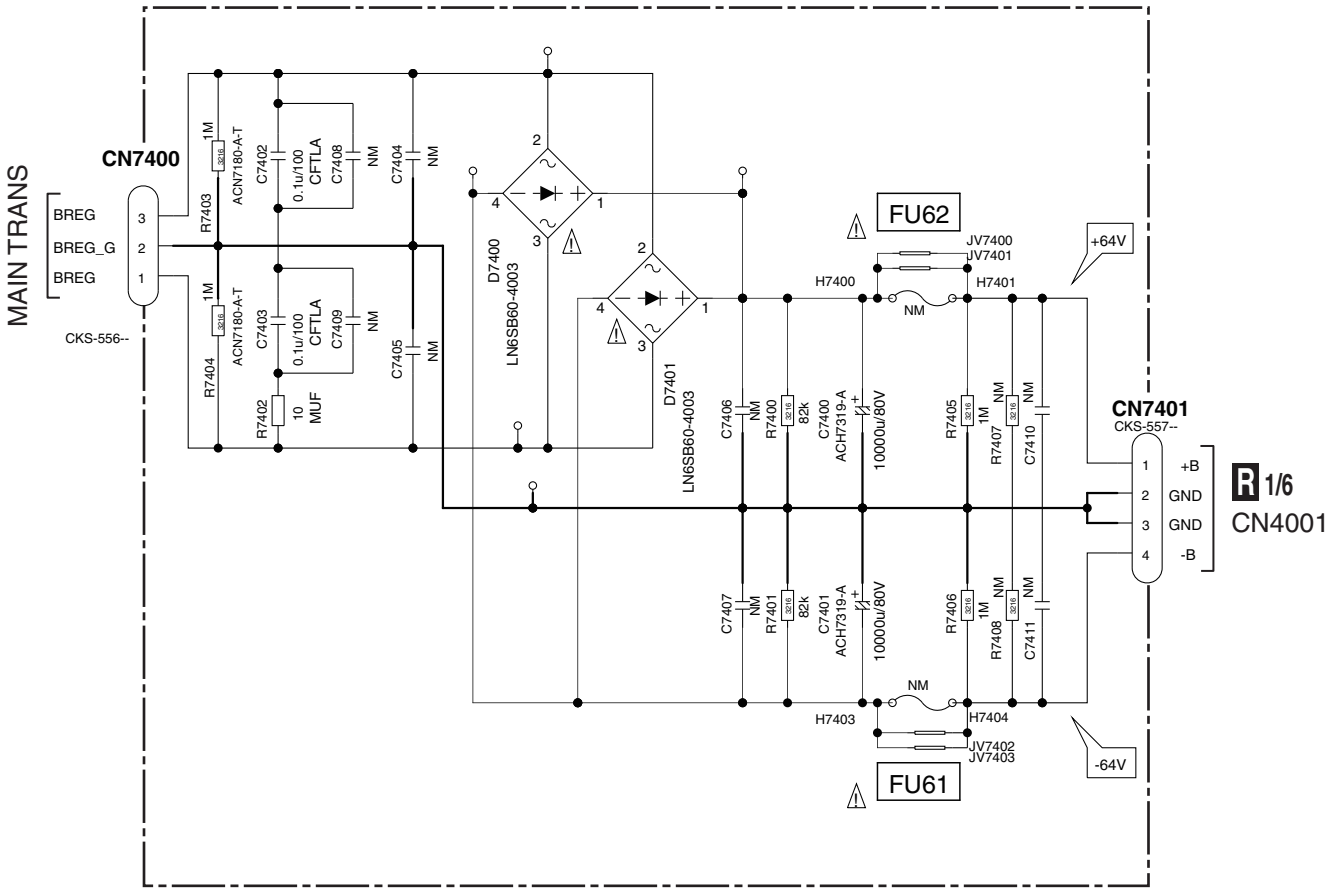
+20V
IC7251
NJM78M12FA
IN OUT COM
-20V
IC7252
NJM79M12FA
COM IN OUT
V+12_DF
GND_DF
V-12_DF

CN7251
V+12_DF
GND_DF
V-12_DF
GND_DF(S)
V+12_RY
V-12_RY
V-12_RY
KM200NA7
R 1/6
CN4004

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)



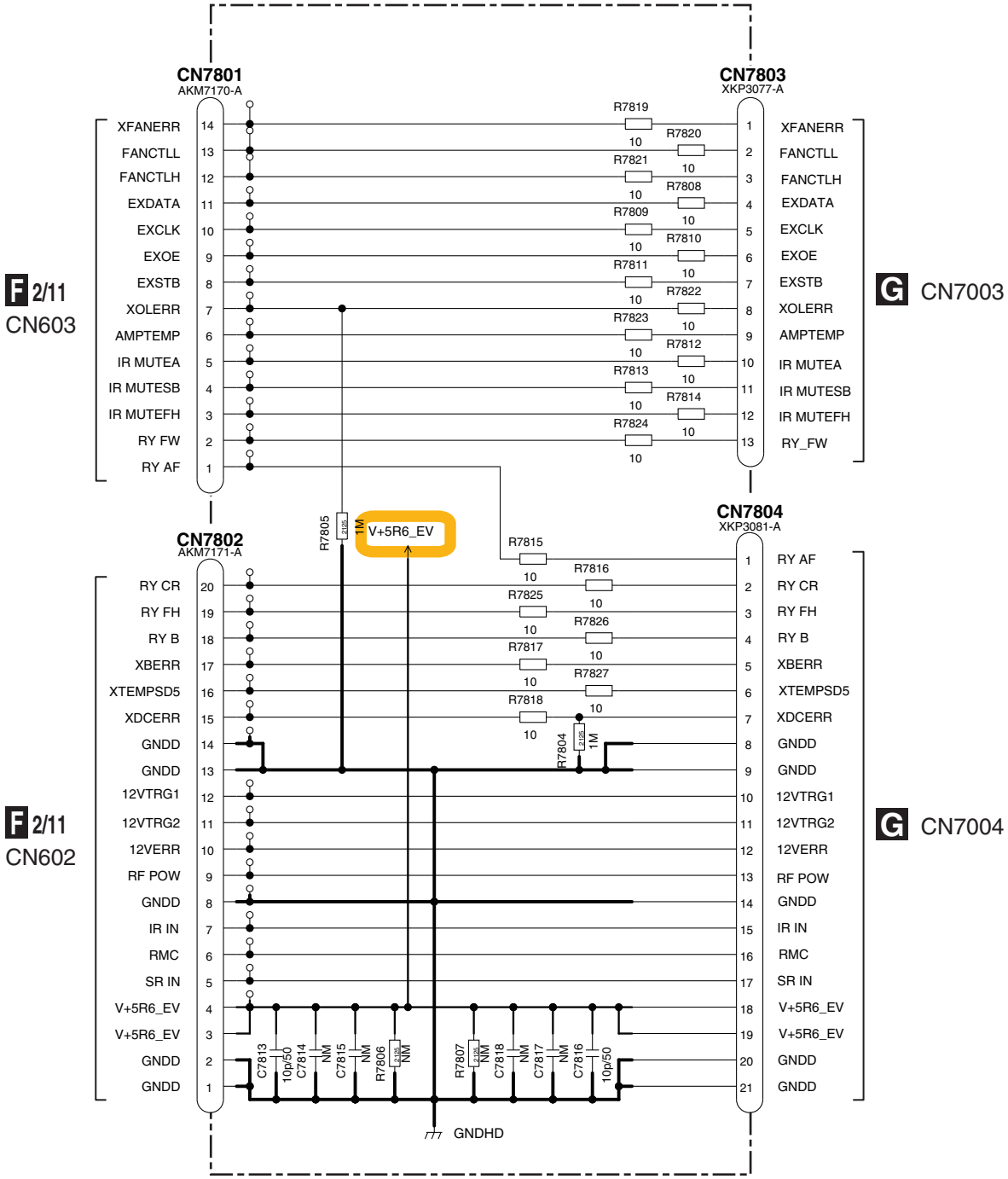
The ⚠ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

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.
   Toleranee: (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

X CONNECT ASSY (AWX9820)

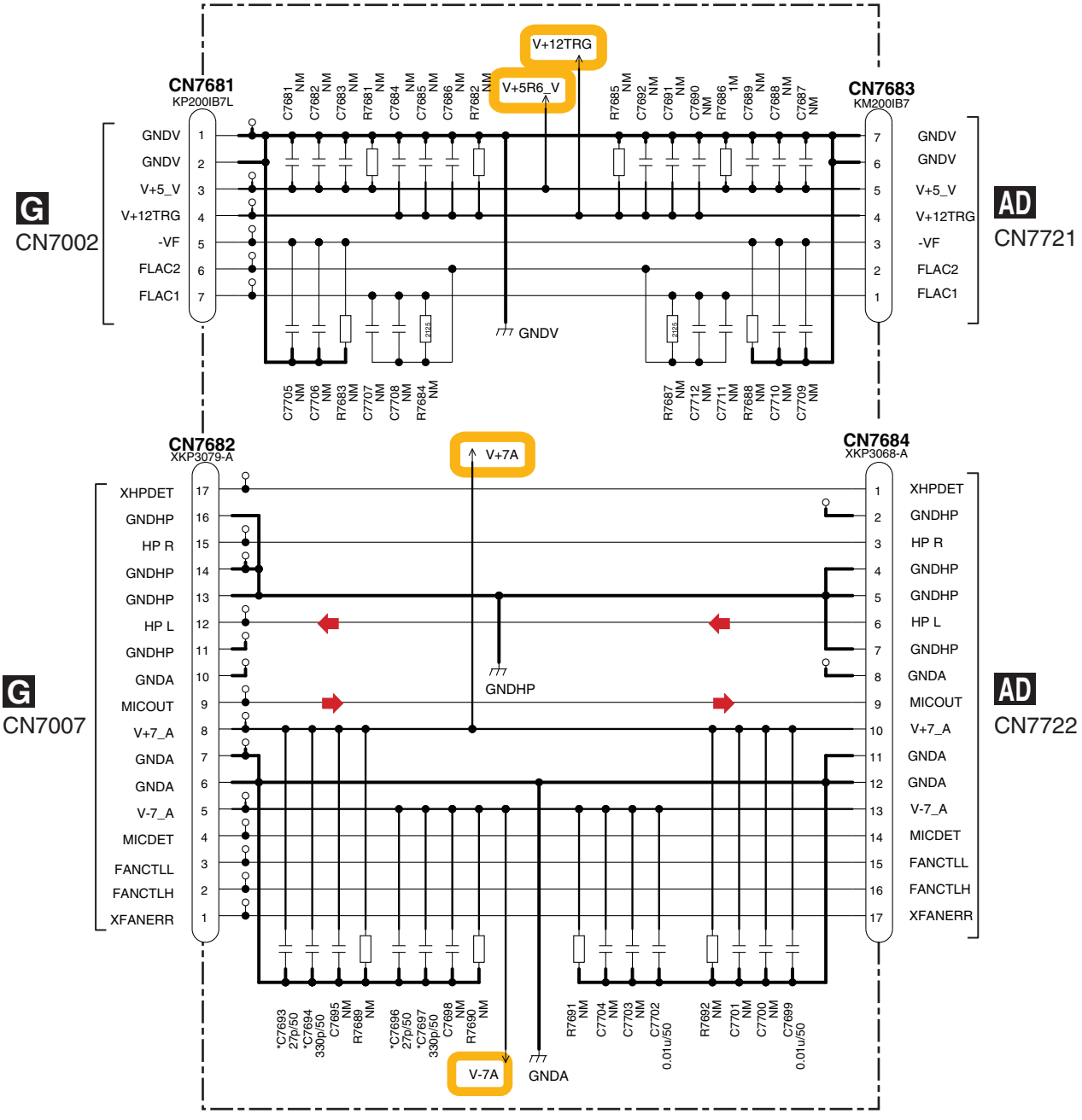


NOTE

1. RESISTORS
   Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
   Rated Power: 1/16w unless otherwise noted.
   Toleranee: (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)



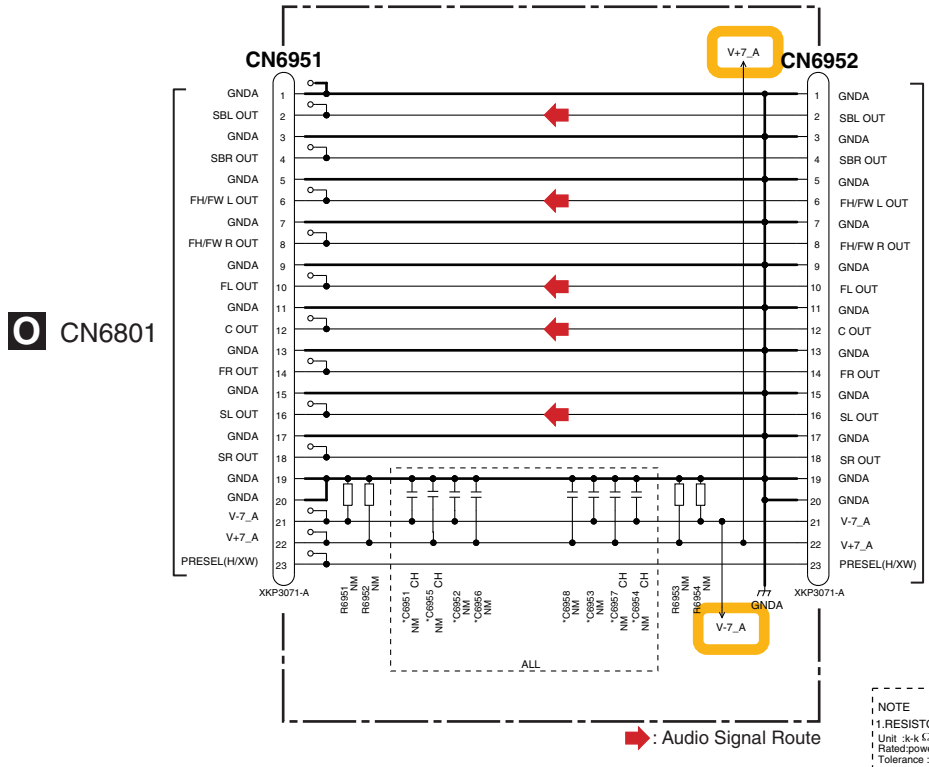
	AWX9819	AWX9966
C7693	27p/50	NM
C7694	330p/50	NM
C7696	27p/50	NM
C7697	330p/50	NM

NOTE

1. RESISTORS
   Unit: k-kΩ , M-MΩ or Ω unless otherwise noted.
   Rated Power: 1/16w unless otherwise noted.
   Toleranee: (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

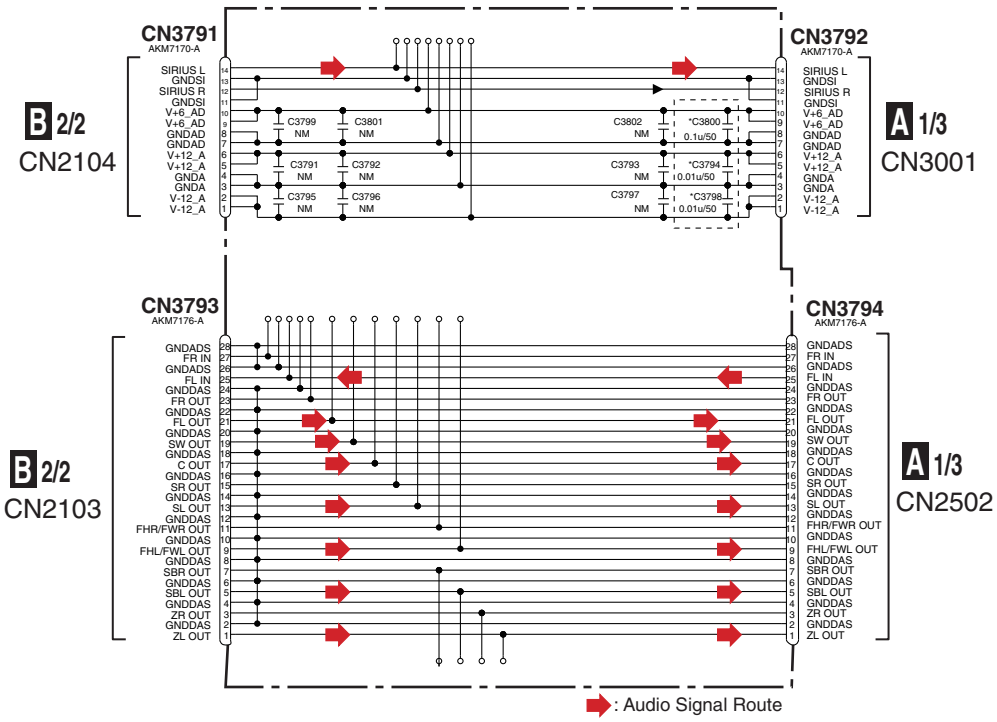
10.40 PRE BRIDGE and A-DAC BRIDGE ASSYS

Z PRE BRIDGE ASSY (AWX9809)



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 or unless otherwise noted.
Ratings :Capacity(μ F)/Voltage(V) unless otherwise noted.
YB :CKSRYB CH :CCSRCH AT :CEAT JQ :CEJQ
3,NM :No mount

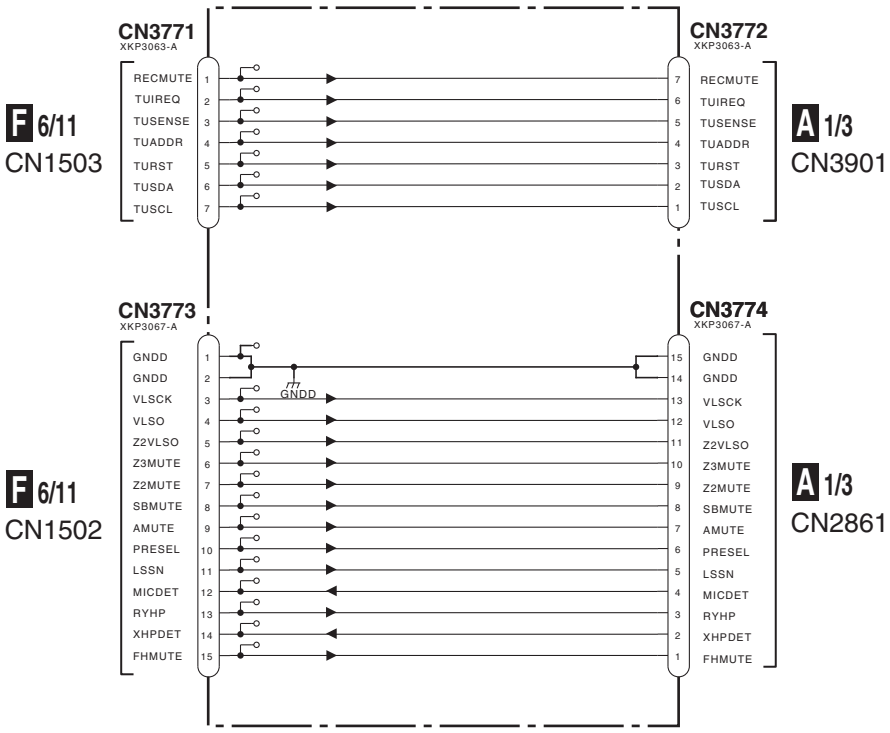
AA A-DAC BRIDGE ASSY (AWX9936)



	AWX9771	AWX9936
C3794	NM	0.01u/50
C3798	NM	0.01u/50
C3800	NM	0.1u/50

10.41 D-AUDIO BRIDGE and D-DAC BRIDGE ASSYS

AB D-AUDIO BRIDGE ASSY (AWX9769)



F 6/11 CN1503

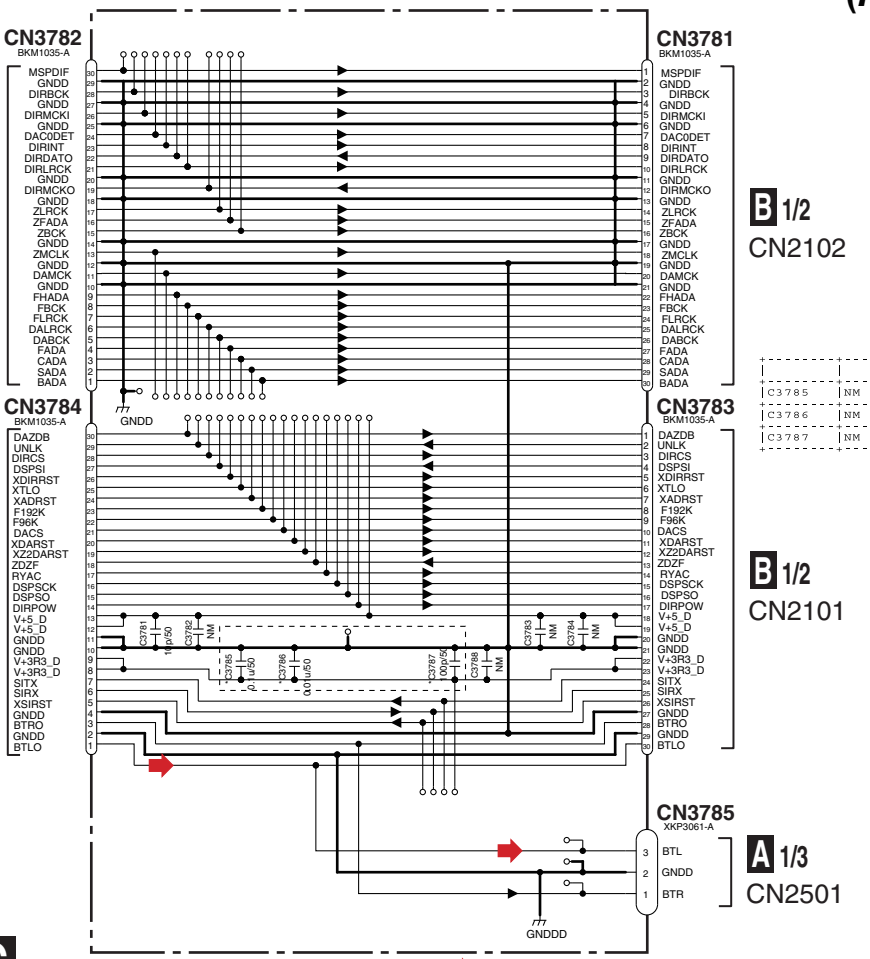
A 1/3 CN3901

F 6/11 CN1502

A 1/3 CN2861

NOTE
1. RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated Power: 1/10w unless otherwise noted.
Toleranee: (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	100p/50

A 1/3 CN2501

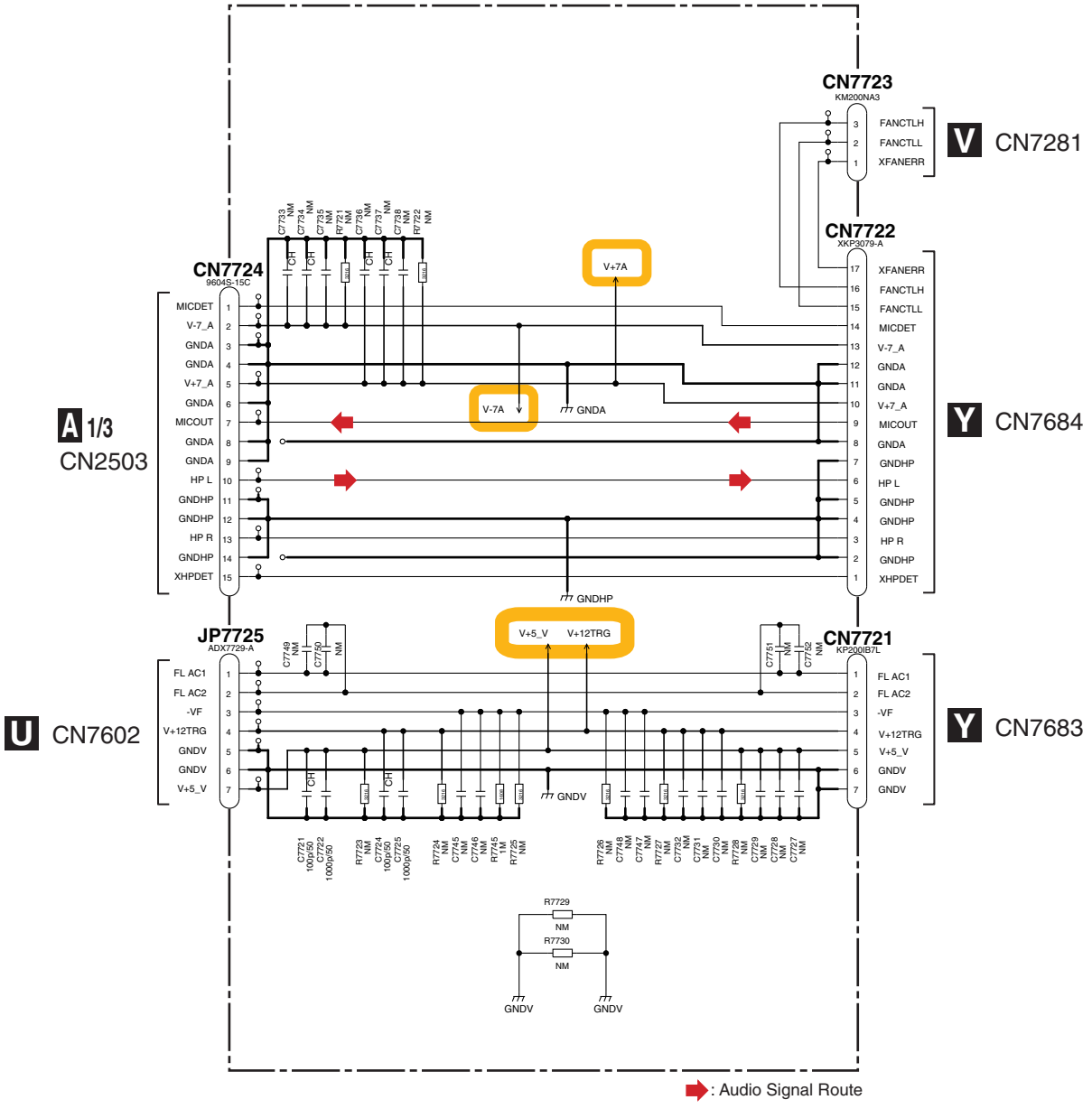
: Audio Signal Route

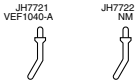
AB AC

AB AC

10.42 FRONT BRIDGE ASSY

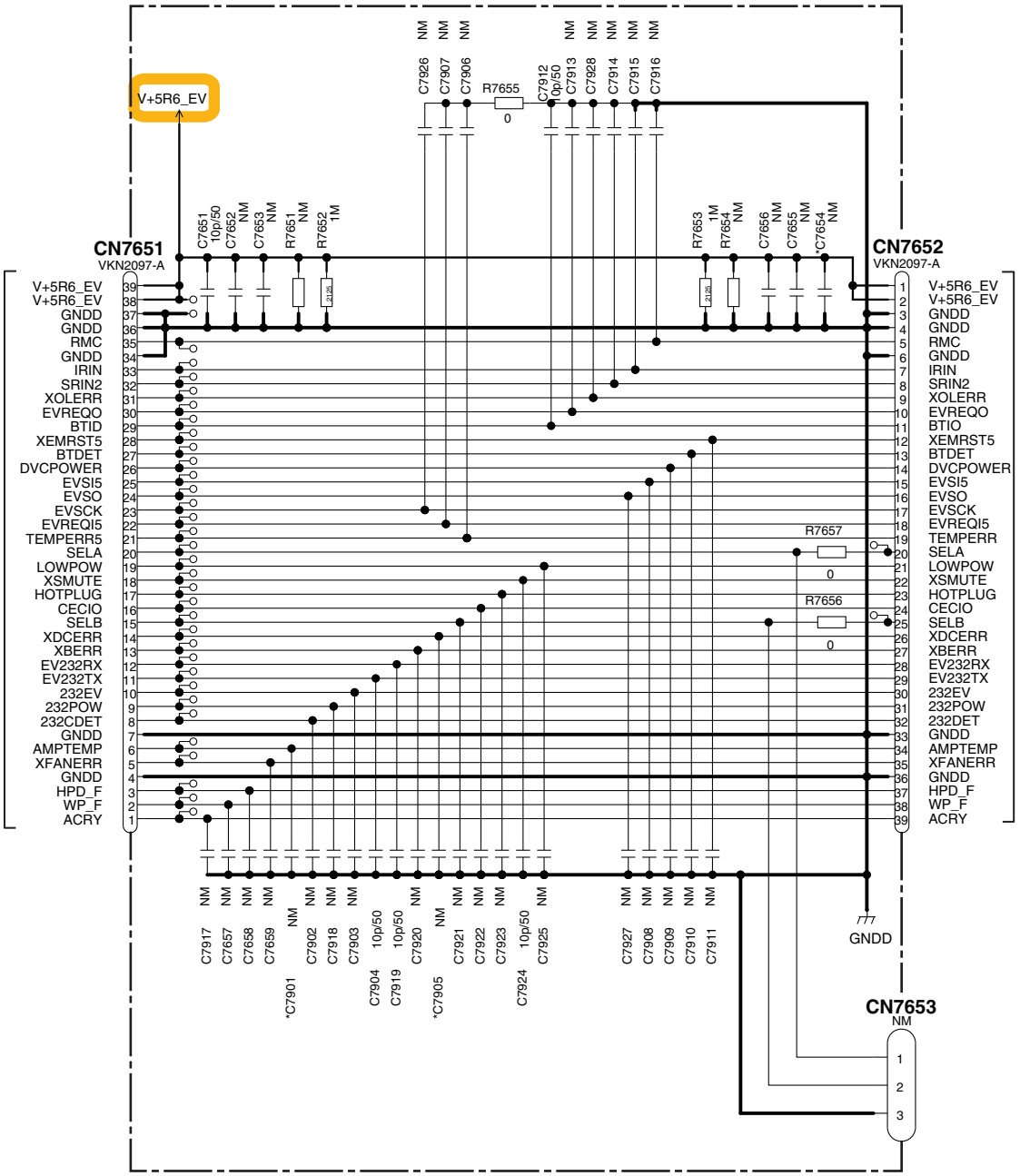
AD FRONT BRIDGE ASSY (AWX9814)





NOTE
1. RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Toleranee: (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

AE DISPLAY BRIDGE ASSY (AWX9815)



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

JH7651 VEF1040-A

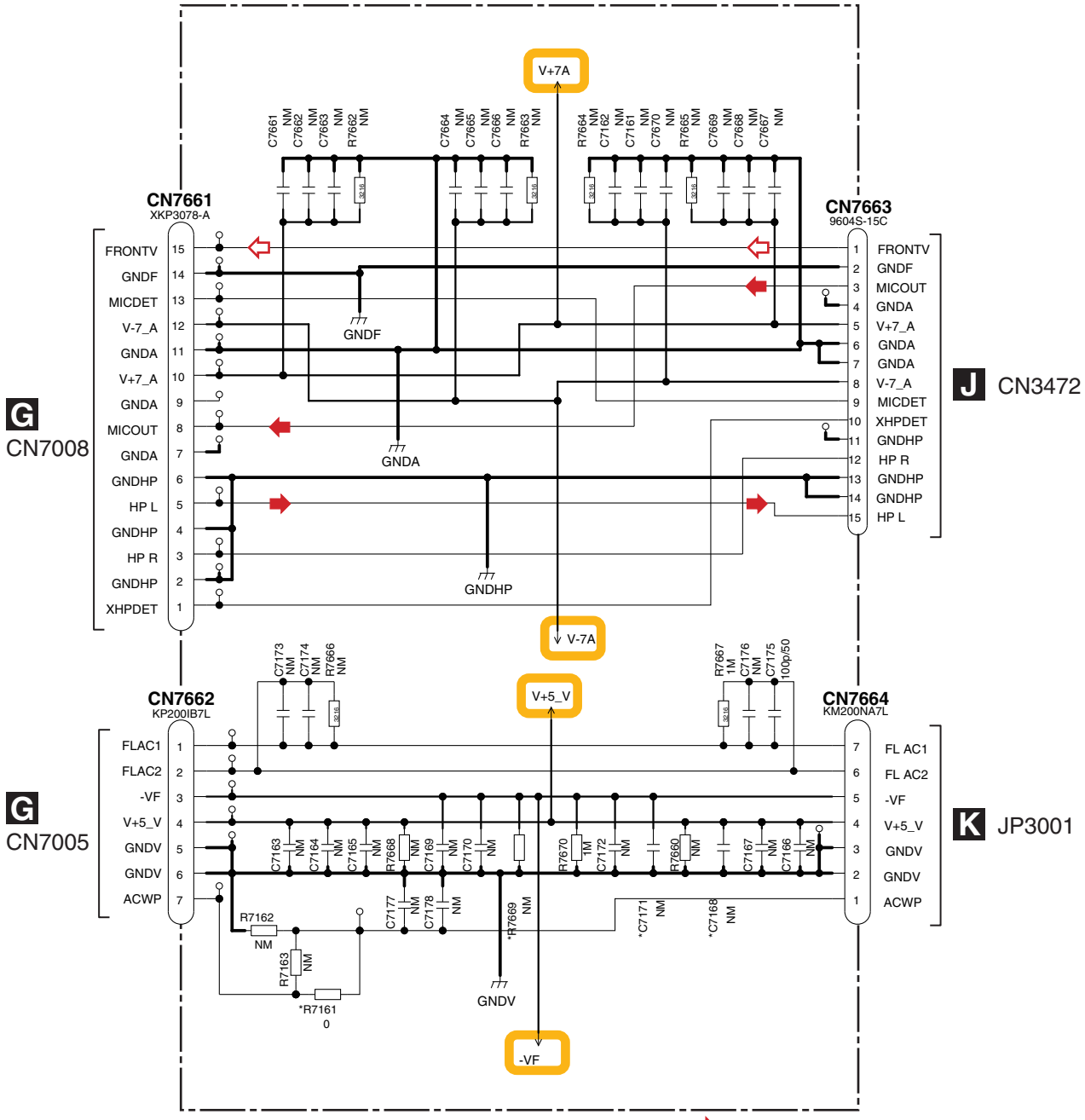
JH7652 VEF1040-A

JH7653 NM

NOTE

1. RESISTORS
   Unit: k-kΩ , M-MΩ or Ω unless otherwise noted.
   Rated Power: 1/16w unless otherwise noted.
   Toleranee: (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

AF F-IN BRIDGE ASSY (AWX9816)



: Video Signal Route
: Audio Signal Route

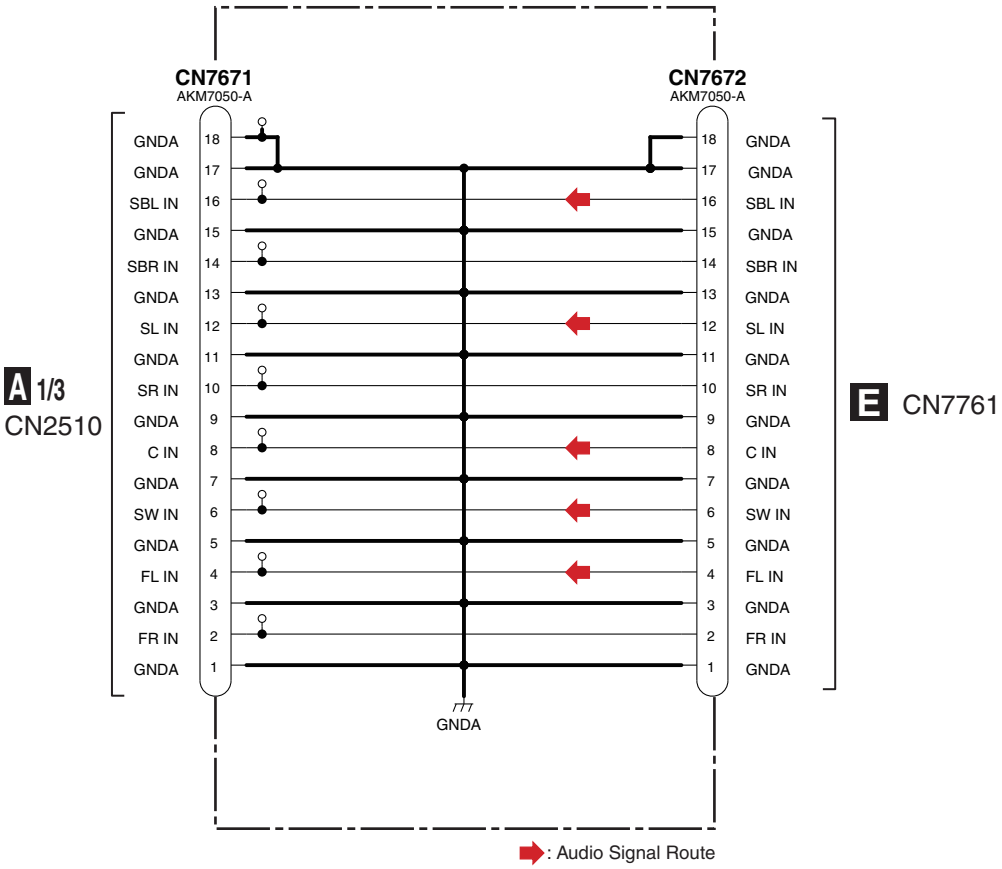
	AWX9816	AWX9965
R7161	0 Ω	10 Ω
R7669	NM	1M Ω
C7168	NM	100p/50
C7171	NM	33p/50

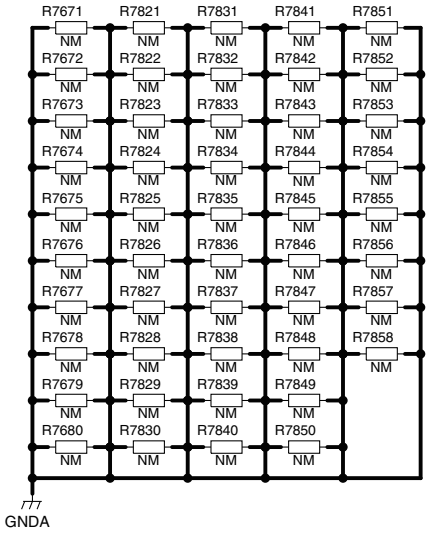
JH7661
VEF1040-A

NOTE
1. RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Toleranee: (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

10.45 MCH BRIDGE ASSY(SC-57)

AG MCH BRIDGE ASSY (SC-57:AWX9818)



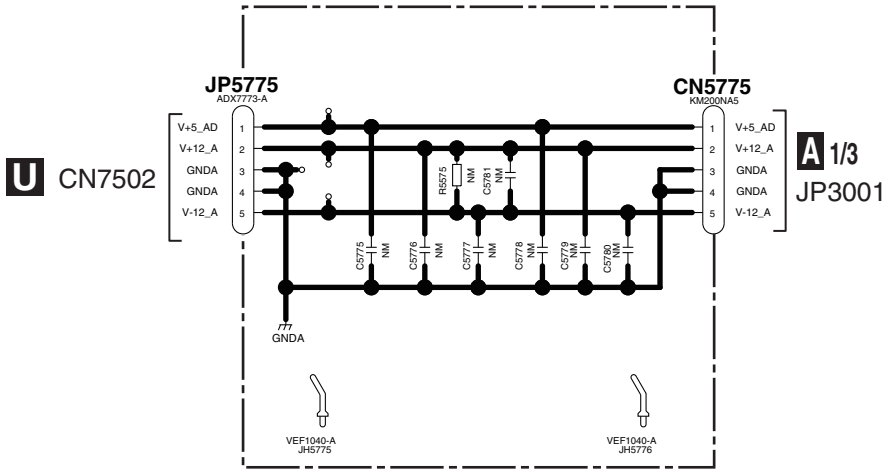


NOTE

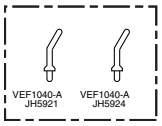
1. RESISTORS
   Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
   Rated Power: 1/16w unless otherwise noted.
   Toleranee: (J)5% unless otherwise noted.
2. CAPACITORS
   Unit: p-pF or u-uF unless otherwise noted.
   Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
3. NM: No Mount

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

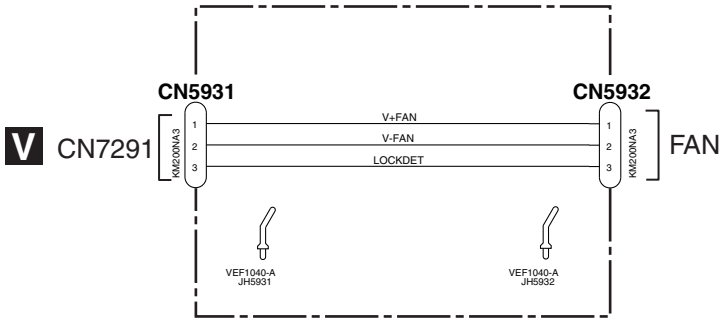
AH A REG BRIDGE ASS'Y (AWX9810)



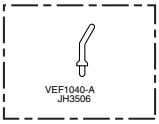
AI MIC HP GUARD ASSY (AWX9803)



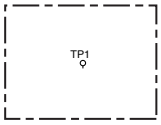
AJ FAN CONNECT ASSY (AWX9804)



AK BIND DM CABLE ASSY (AWX9863)



AL BIND B CABLE ASSY (AWX9807)



AM FFC GUARD2 ASSY (AWX9812)



AN VREG GUARD ASSY (AWX9895)

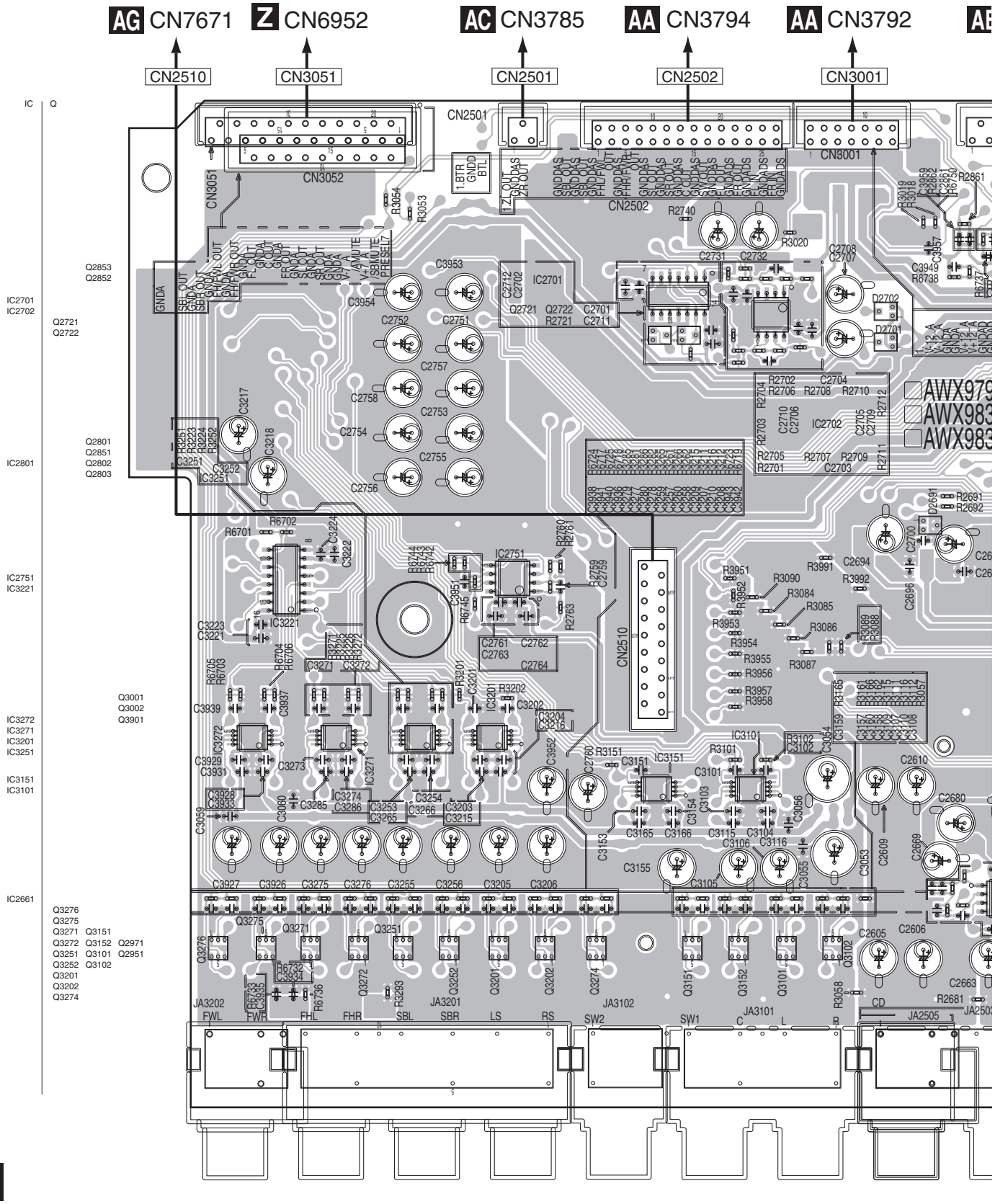


NOTE
1. RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Toleranee: (J)5% unless otherwise noted.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
3. NM: No Mount

11. PCB CONNECTION DIAGRAM
11.1 AUDIO ASSY

SIDE A

A AUDIO ASSY

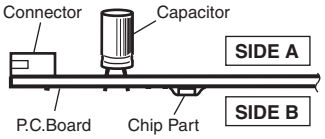


A

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

CN2861 CN3901 CN2503

AWX9790
AWX9831
AWX9832
AWX9833
AWX9834
AWX9835
AWX
AWX9767
AWX9828
AWX9830
AWX
AWX9829

AUDIO ASS'Y

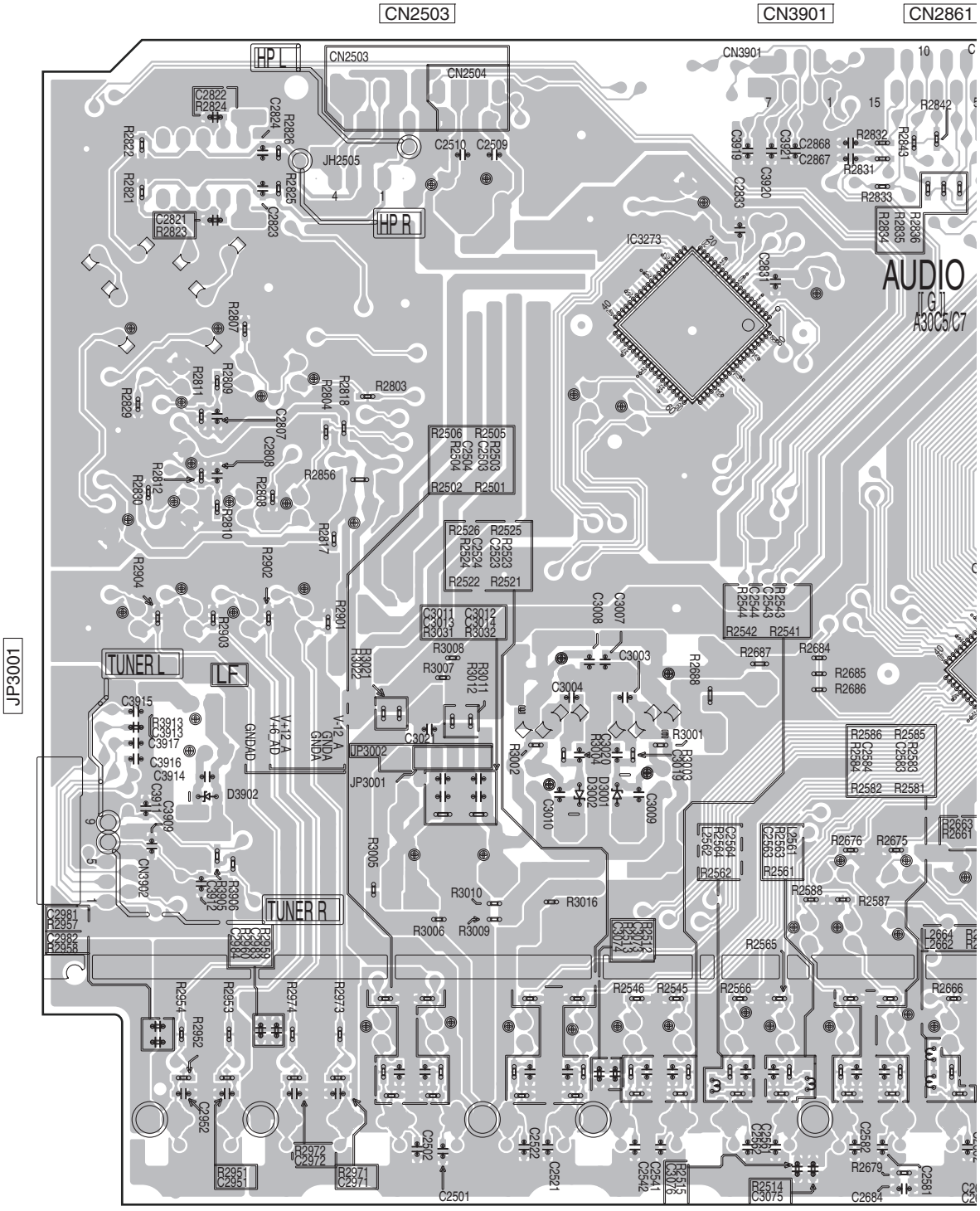
JP3001 AH CN5775

PHONO JA2505 JA2503 DVR I JA2504 DVR O VIDEO JA2502 TV JA2501 DVD JA2951 JA2952

(ANP7778-C)

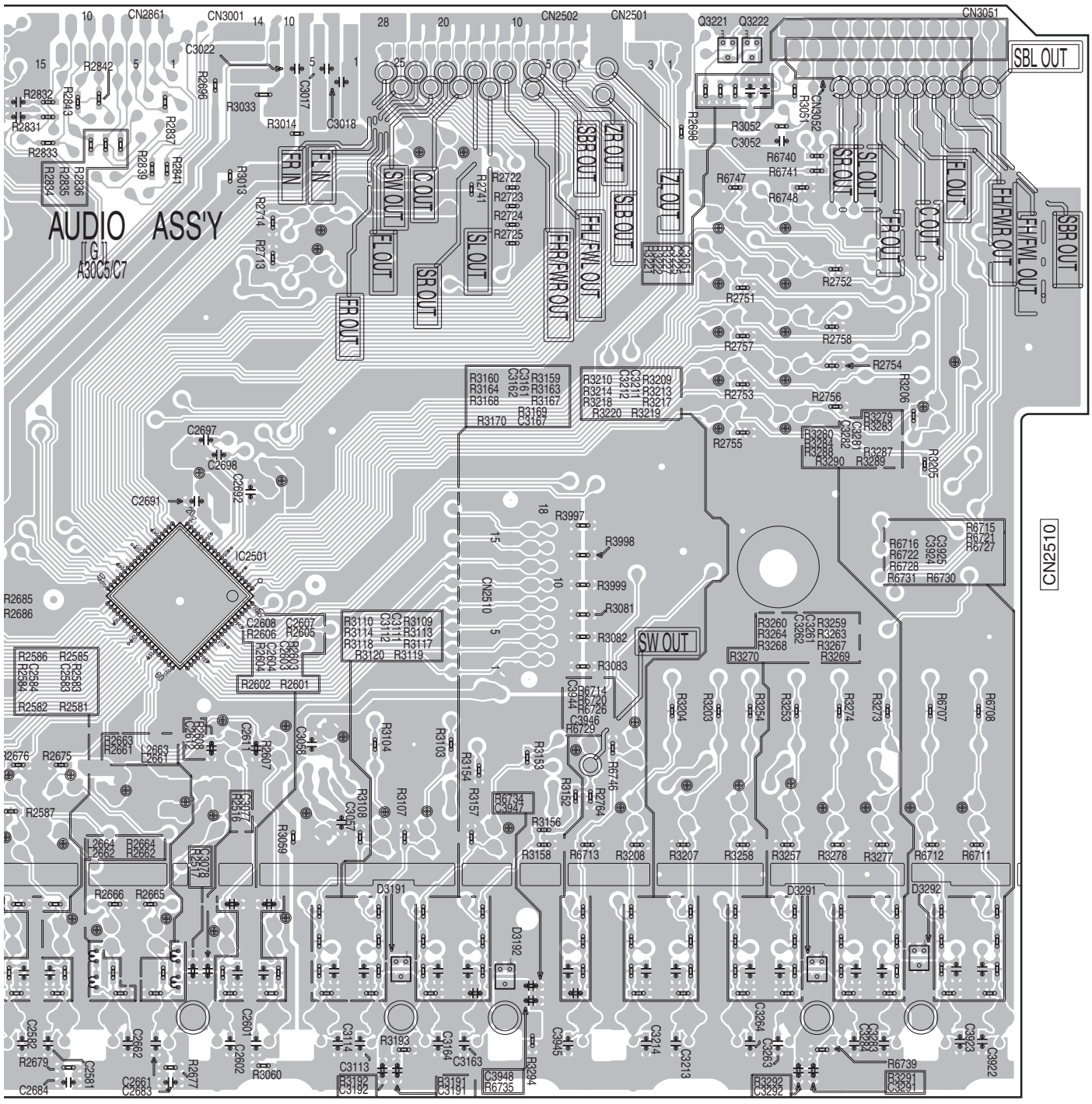
SIDE B

A AUDIO ASSY


CN2503
CN3901
CN2861
IC
Q
Q3221
Q3222
IC3273
IC2501
JP3001
HP L
HP R
CN2503
CN2504
CN3901
JH2505
IC3273
AUDIO
[G]
A30C5/C7
TUNER L
LF
TUNER R
JP3001
UP3002
V+12 A
V+6 AD
GNDA
GNDAD
CN3902
C2501
C2502
C2521
C2522
C2581
C2582
C2684
C2679
R2679
R2676
R2675
R2588
R2587
R2565
R2566
R2546
R2545
R2562
R2561
R2687
R2684
R2685
R2686
R2842
R2832
R2831
R2833
R2834
R2835
R2836
R2843
C2868
C2867
C3919
C3921
C3920
C2833
C2831
R2542
R2541
R2544
R2543
C2544
C2543
R2582
R2581
R2584
R2583
R2586
R2585
C2584
C2583
R2663
R2661
L2664
L2662
R2666
R2514
C3075
R2515
C3076
C2541
C2542
R2972
C2972
R2971
C2971
R2951
C2951
R2952
C2952
R2954
R2953
R2974
R2973
C2981
R2957
C2982
R2958
R3005
R3010
R3016
R3006
R3009
C3010
C3009
C3004
C3003
C3008
C3007
R3008
R3007
R3011
R3012
C3021
R3021
R3022
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R2856
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R2901
R2904
R2903
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R2804
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R2803
C2807
C2808
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R2830
R2808
R2810
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R2824
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R2822
R2826
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C2509
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R3913
C3913
C3917
C3916
C3914
C3911
C3909
D3902
D3001
D3002
R3004
R3003
C3018
C3019
C3020
R3014
R3013
C3012
C3013
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C2951
R2971
C2971
R2972
C2972
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R2974
R2953
R2954
R2952
C2952

SIDE B

CN2861 CN3001 CN2502 CN2501 CN3051

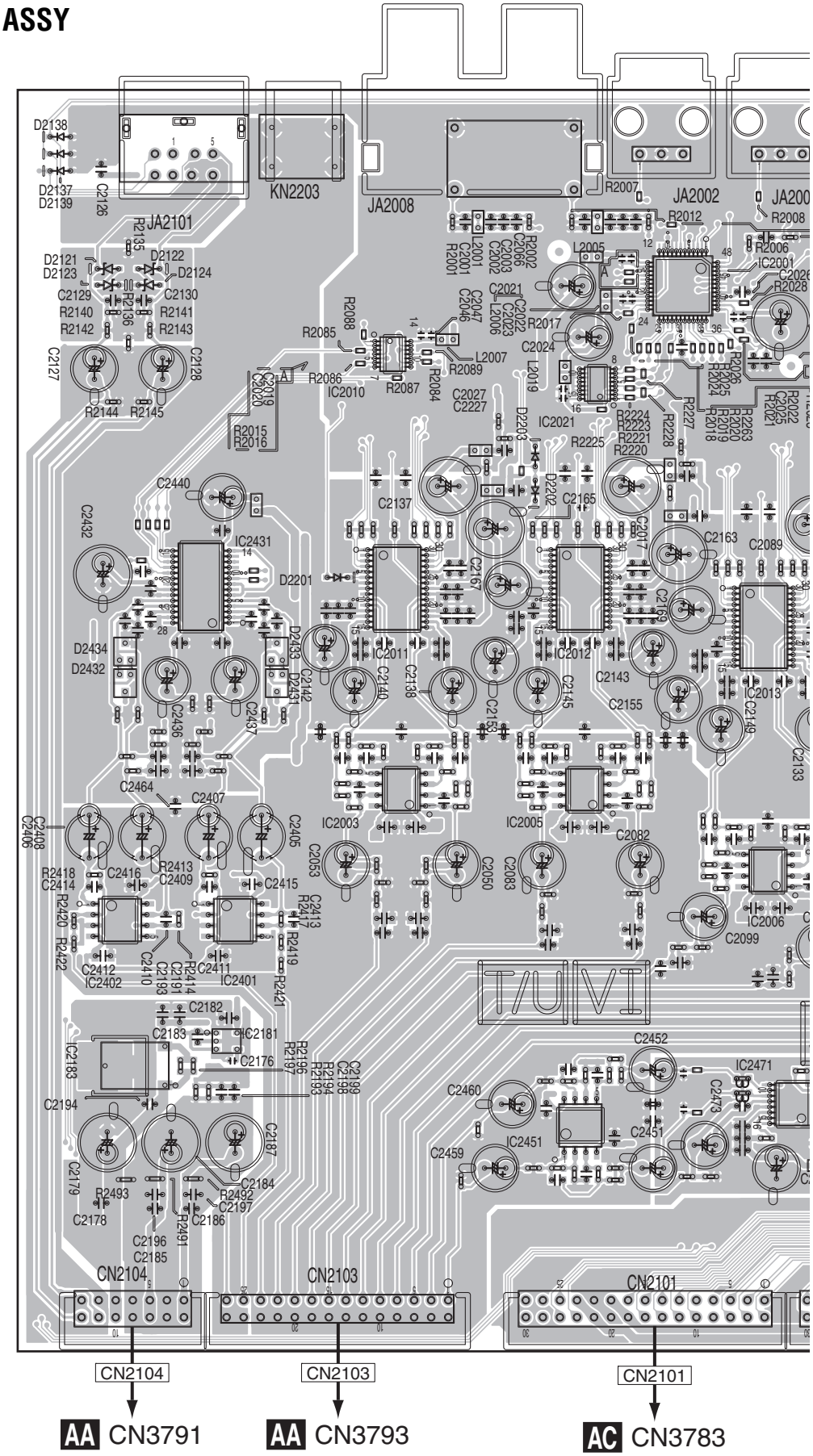


(ANP7778-C)

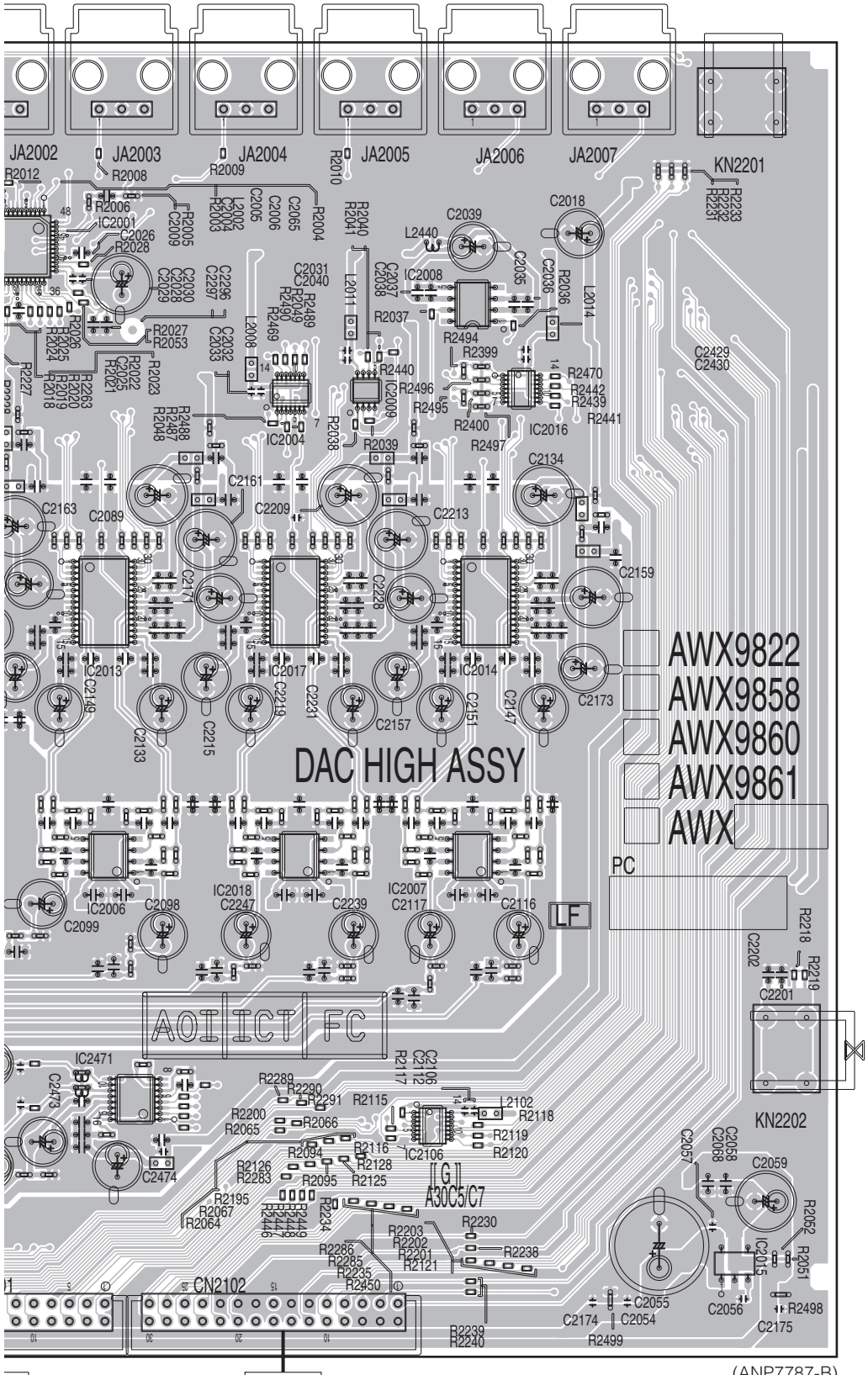
11.2 DAC HIGH ASSY

SIDE A

B DAC HIGH ASSY



SIDE A

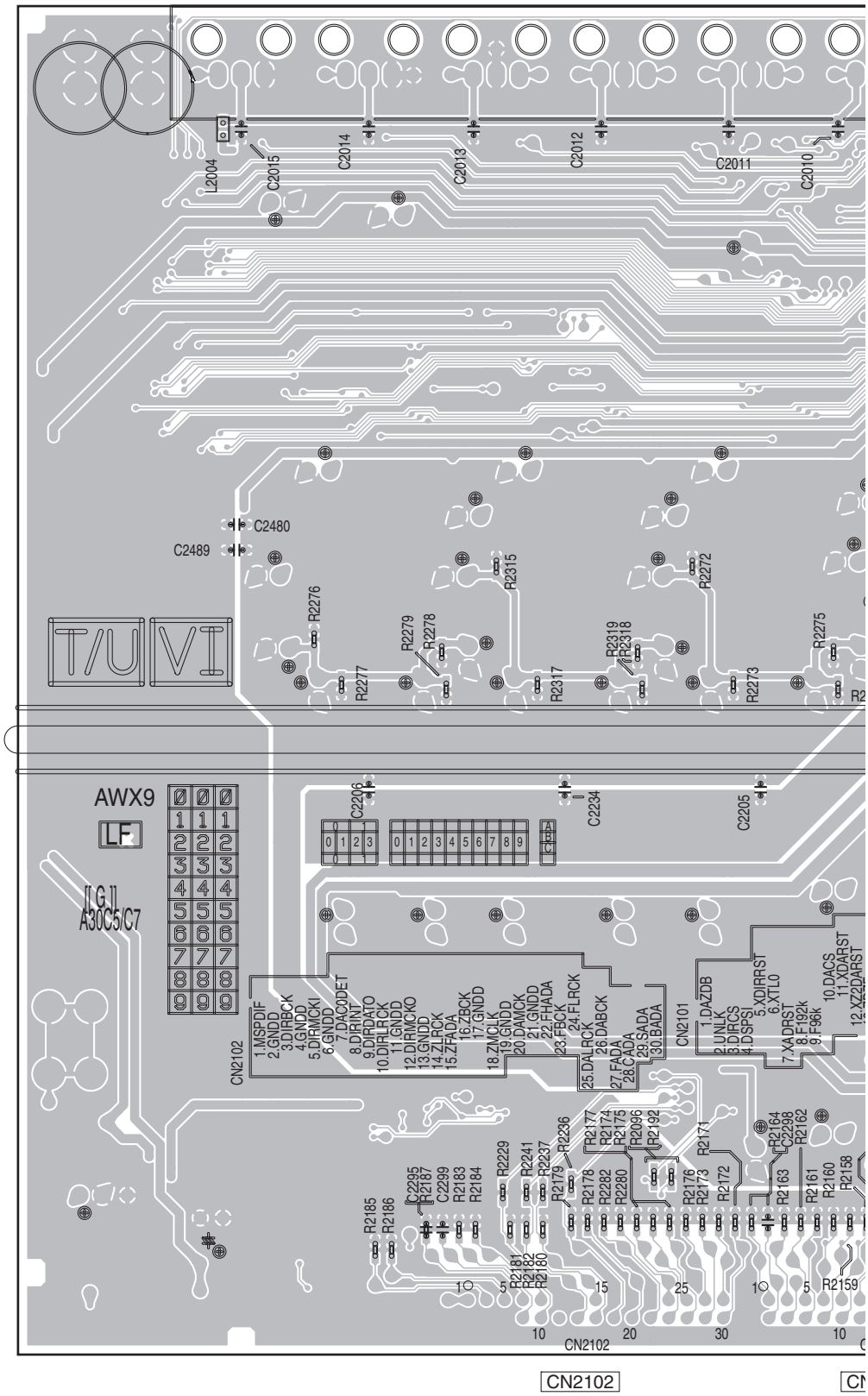


(ANP7787-B)

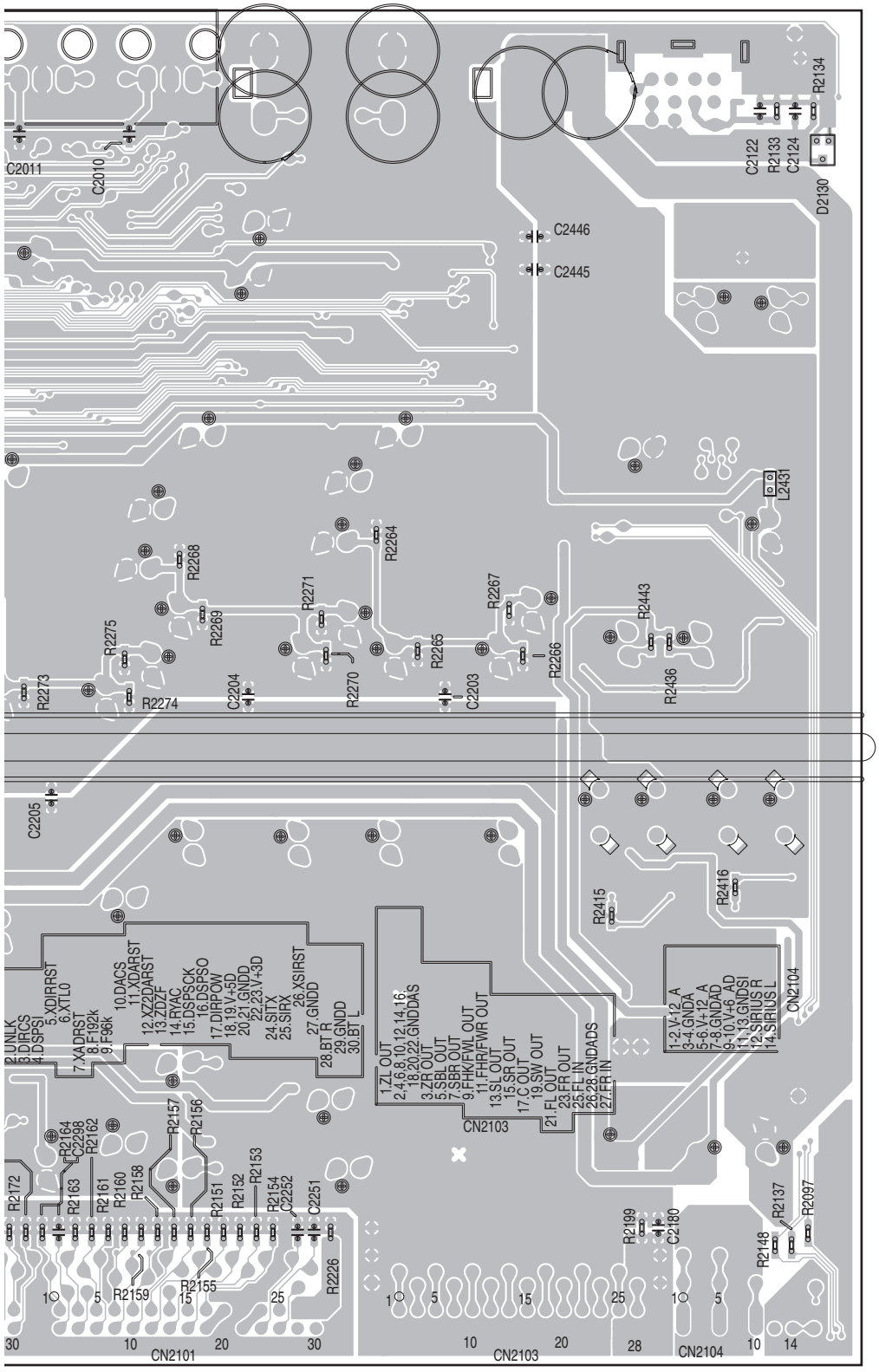
CN2102

3783 AC CN3781

B DAC HIGH ASSY



SIDE B



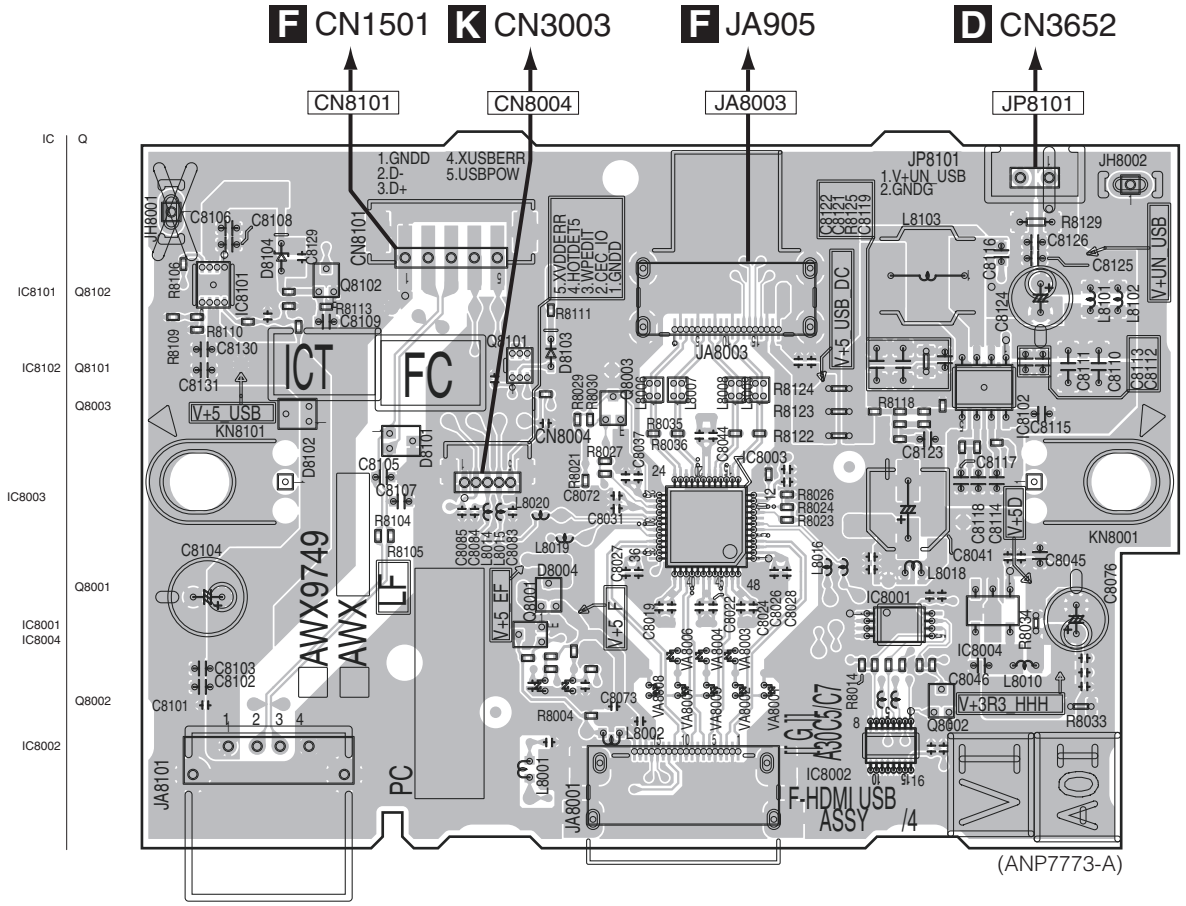
(ANP7787-B)

CN2101 CN2103 CN2104

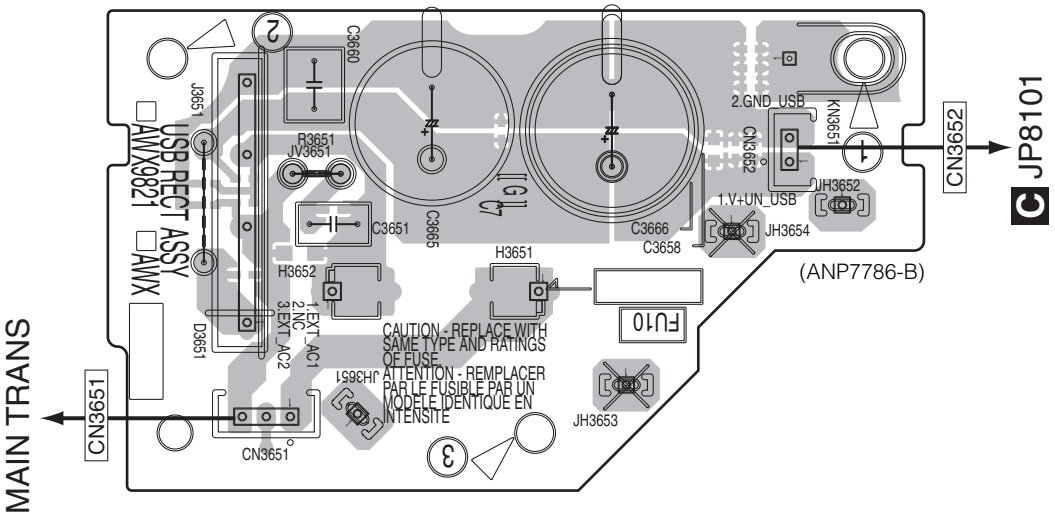
11.3 FRONT HDMI USB, USB RECT and MULTI CH IN(SC-57) ASSYS

SIDE A

C FRONT HDMI USB ASSY

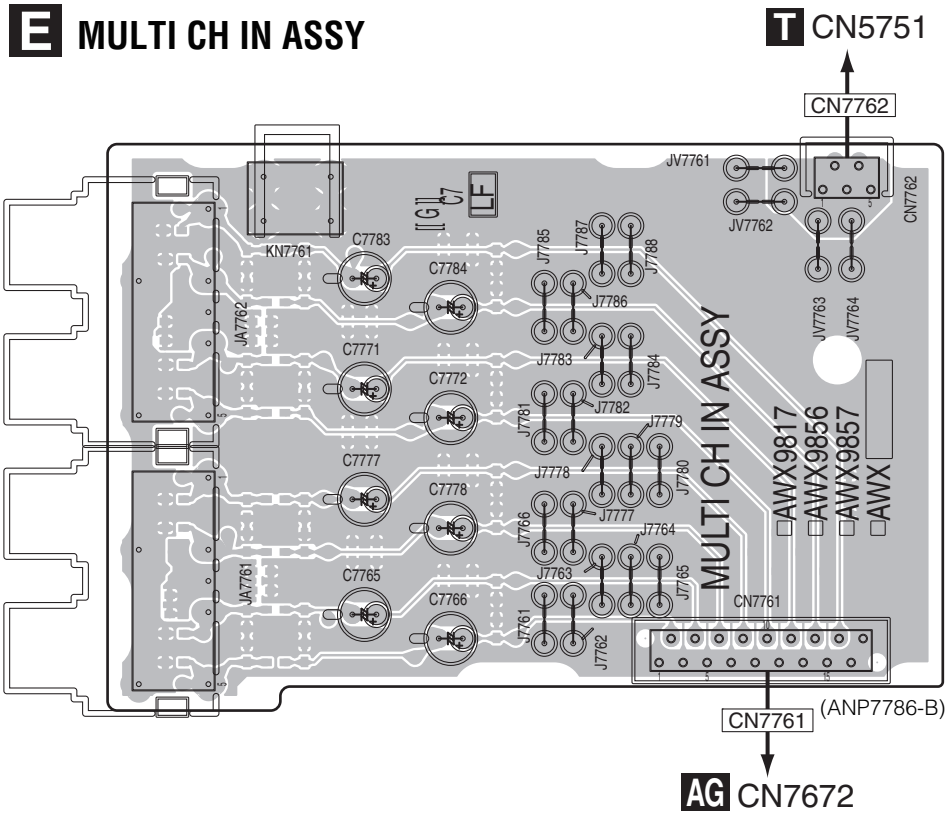


D USB RECT ASSY



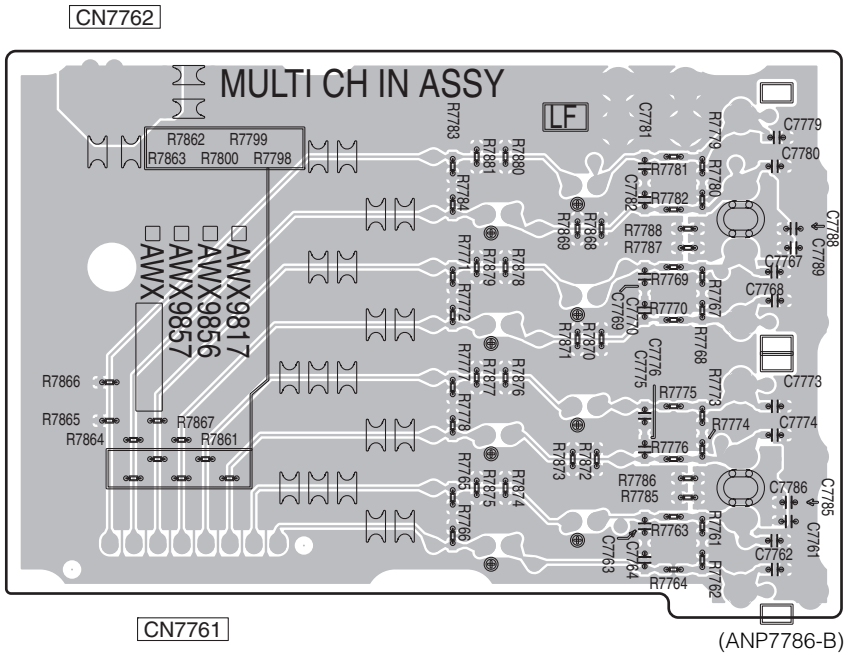
C D

E MULTI CH IN ASSY

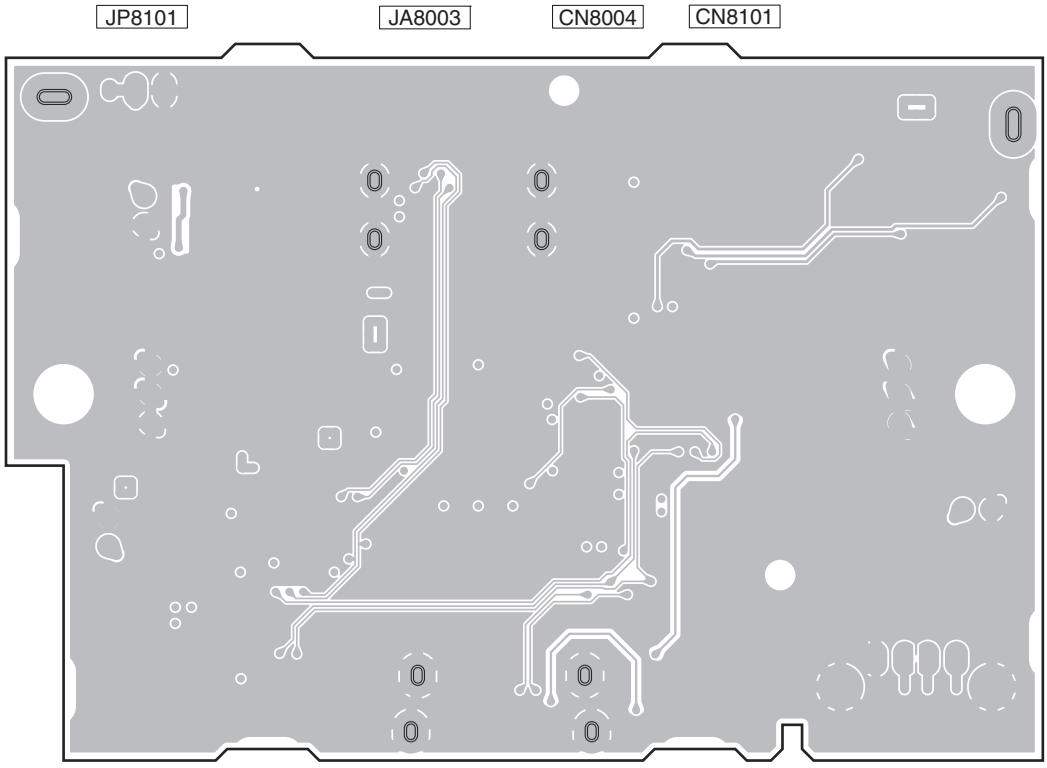


SIDE B

E MULTI CH IN ASSY

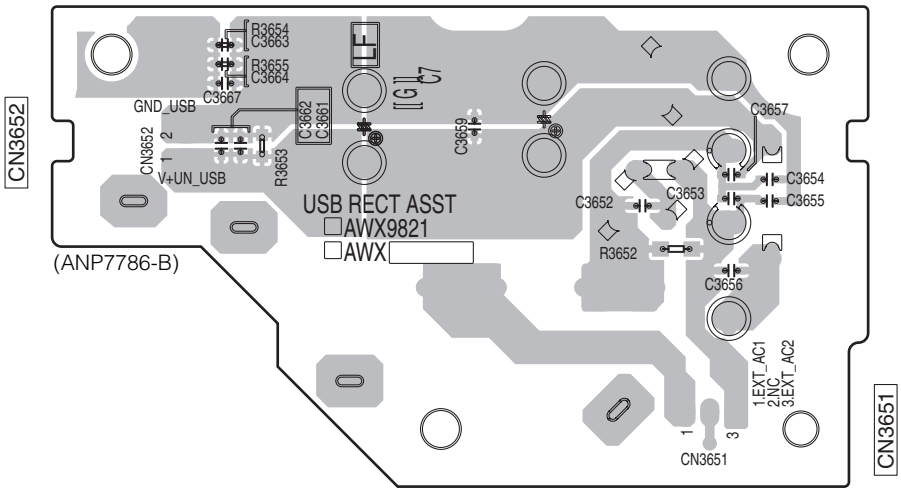


C FRONT HDMI USB ASSY



(ANP7773-A)

D USB RECT ASSY

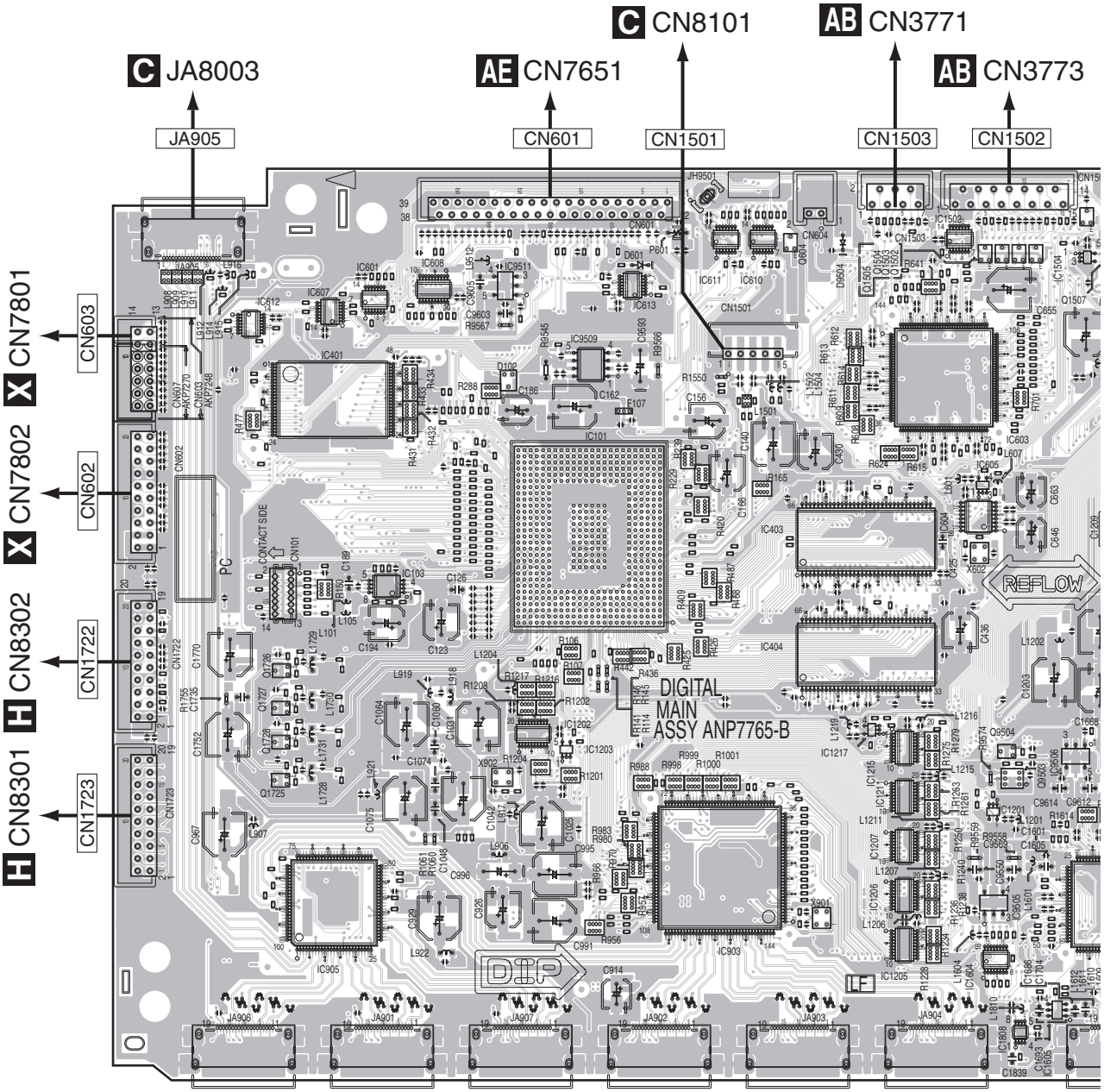


(ANP7786-B)

11.4 DIGITAL MAIN ASSY

SIDE A

F DIGITAL MAIN ASSY



| | | |

SIDE A

A

B

C

D

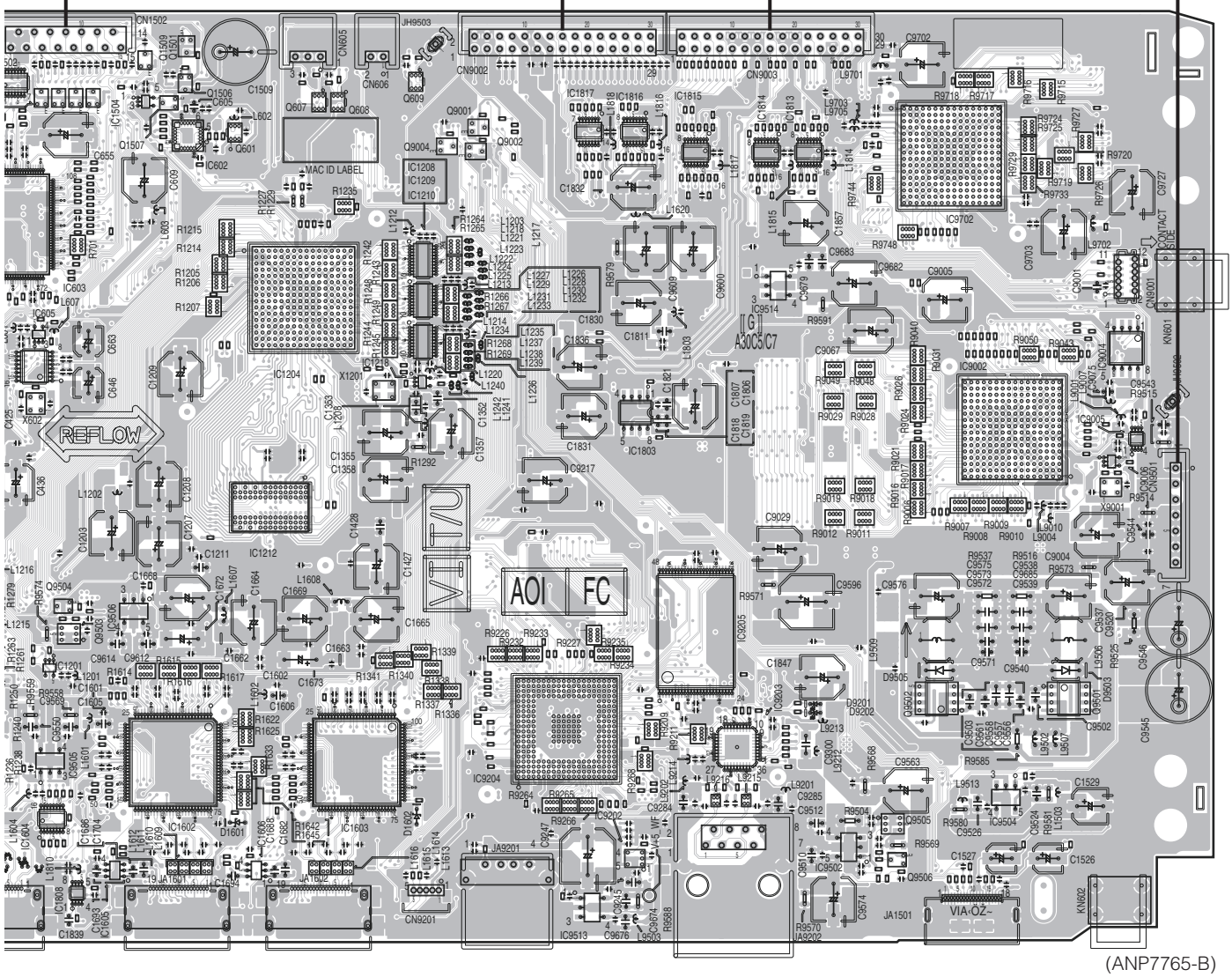
E

F

71

B CN3773 **AC** CN3784 **AC** CN3782 **S** JP51

CN1502 CN9002 CN9003 CN9501



(ANP7765-B)

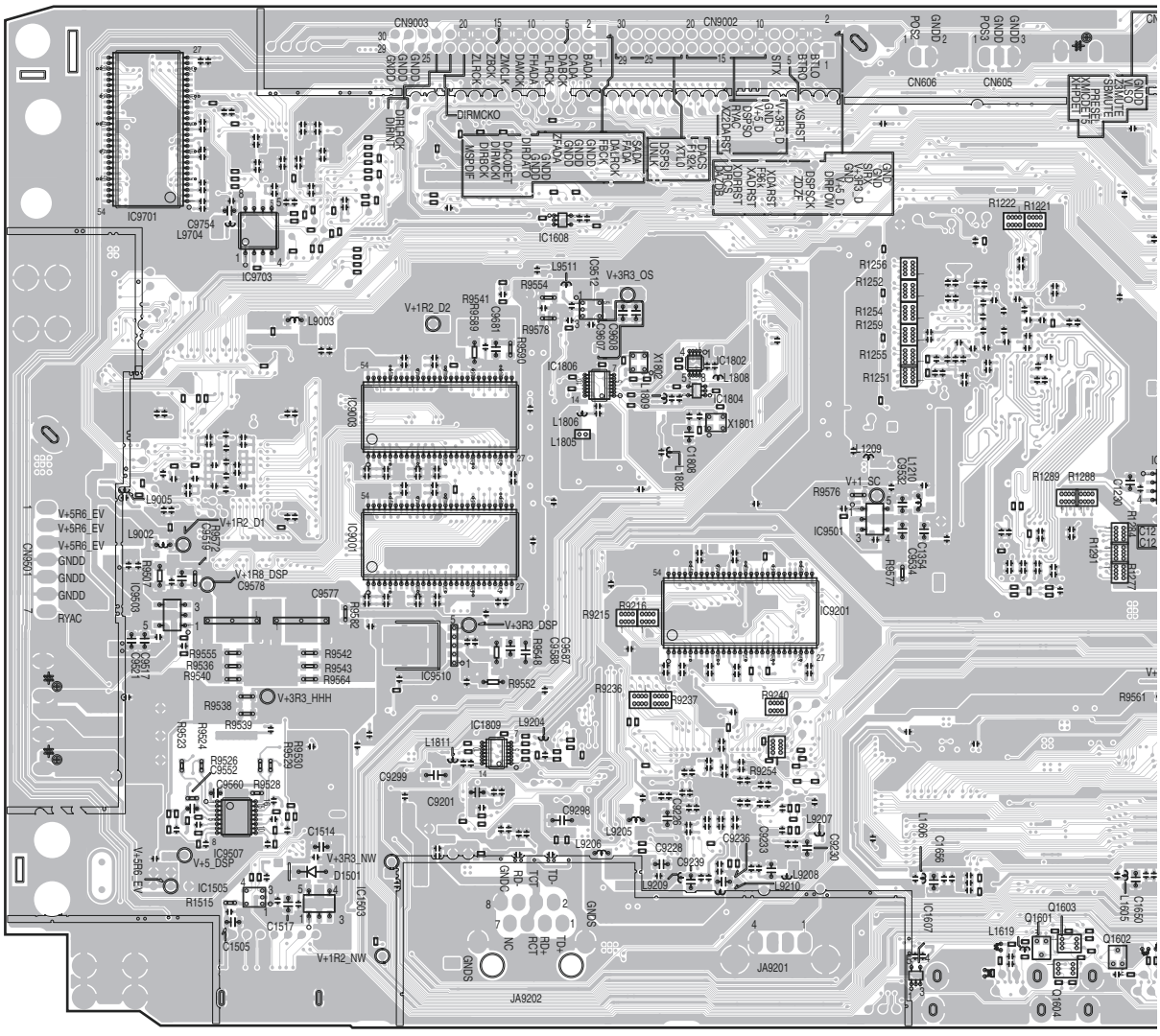
Q1505 Q1504 Q1503 Q1502 Q9504 Q9503 | Q1509 Q1501 Q601 Q1507 Q1506 | Q607 Q608 Q609 | Q9001 Q9004 Q9002 | Q9502 Q9505 Q9506 | Q9501

IC1502 IC603 IC604 IC605 IC9506 IC1808 | IC1504 IC602 | IC1602 | IC1204 IC1218 IC1212 | IC1606 | IC1603 | IC1208 IC1209 IC1210 | IC1817 IC1816 IC1815 IC1814 IC1813 IC9514 IC9204 IC1803 IC9205 IC9203 IC9513 IC9202 | IC9502 | IC9702 IC9002 IC9504 | IC9004 IC9005 IC9006

SIDE B

F DIGITAL MAIN ASSY

CN9501 CN9003 CN9002



Q

IC IC9701 IC9703 IC1608

IC9503 IC9003 IC9512

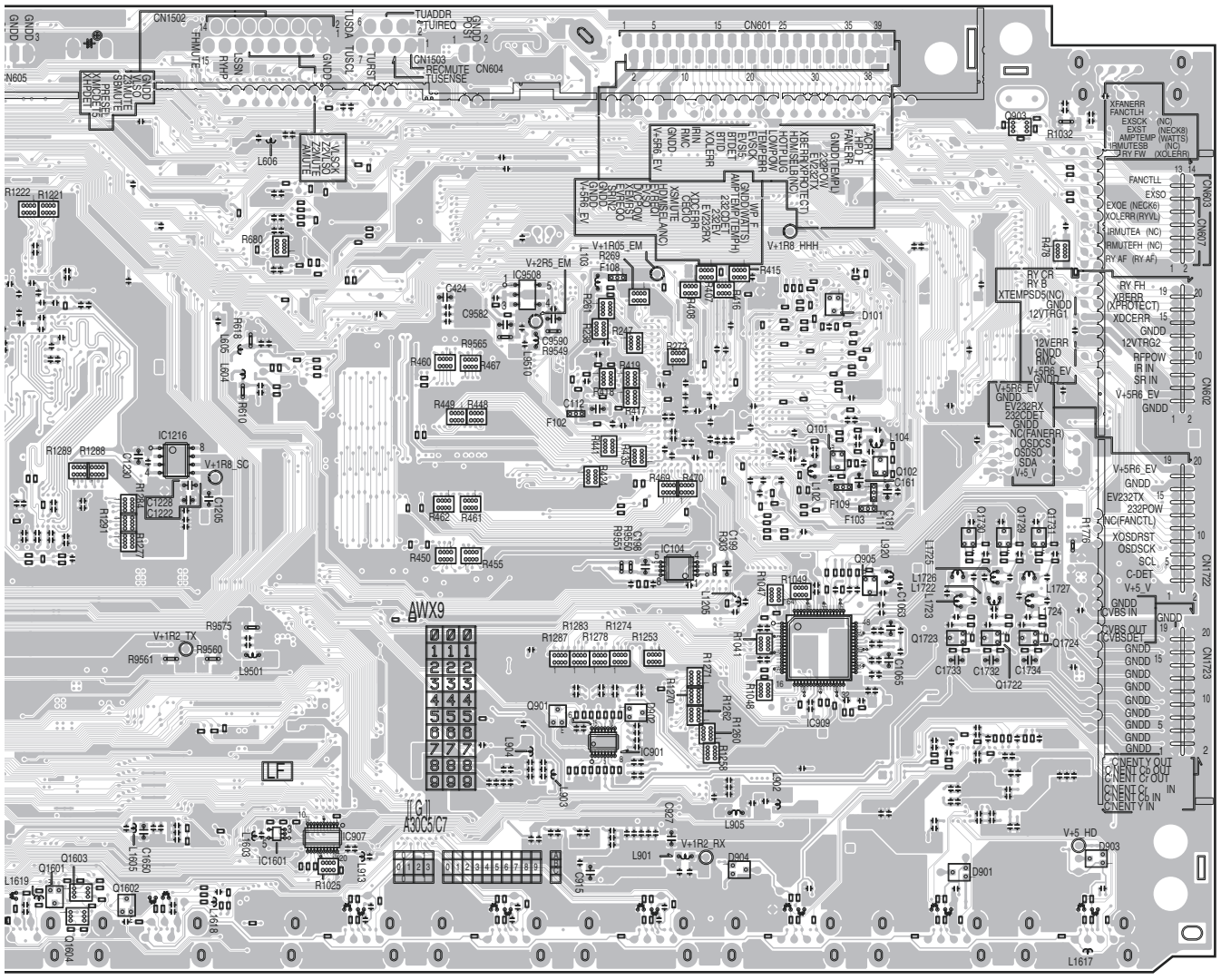
IC9001 IC1806 IC1802 IC9501

IC9507 IC9510 IC1809 IC1804

IC1505 IC1503 IC9201 IC1607

SIDE B

CN1502 CN1503 CN1501 CN601 JA905

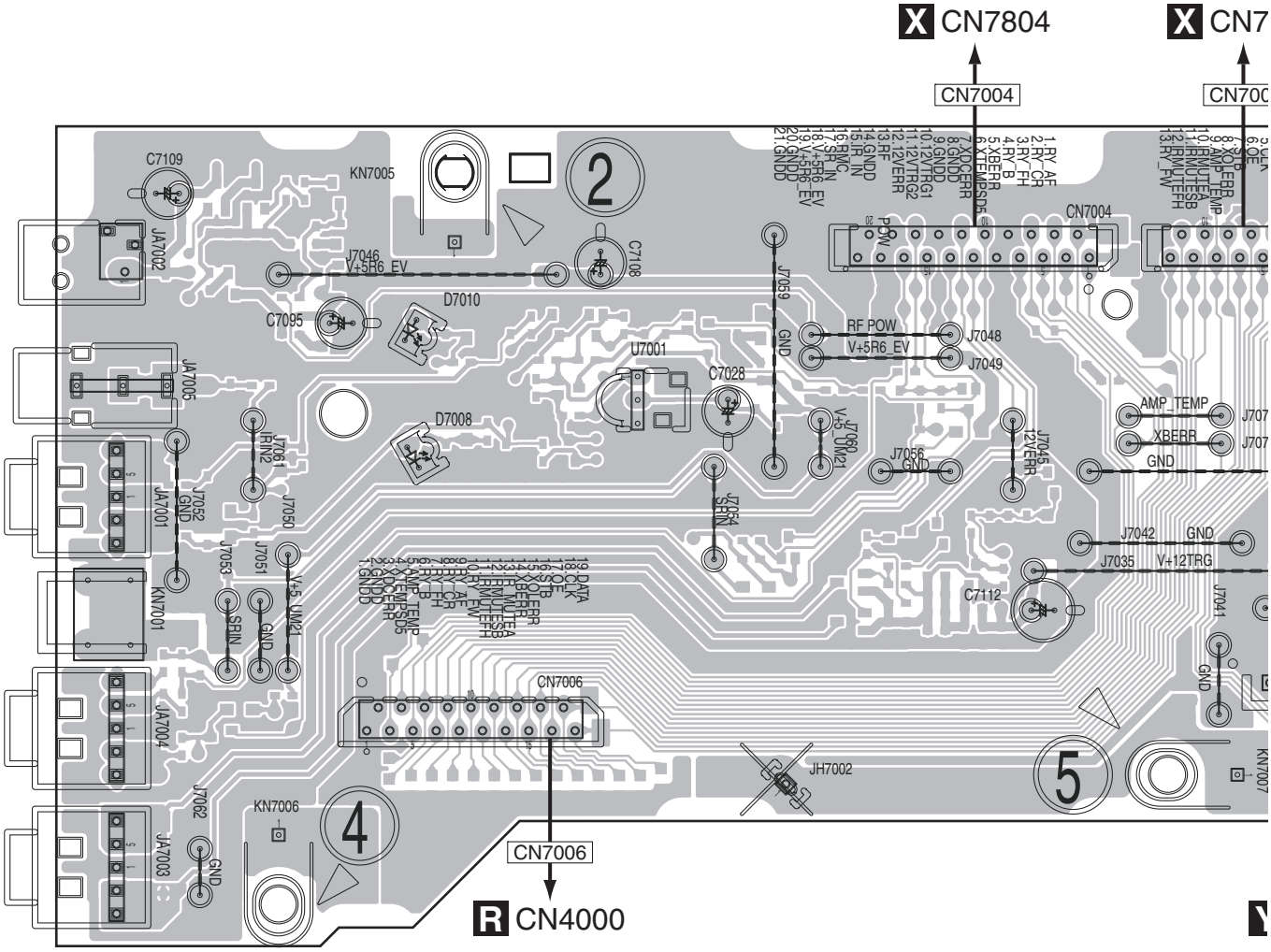


(ANP7765-B)

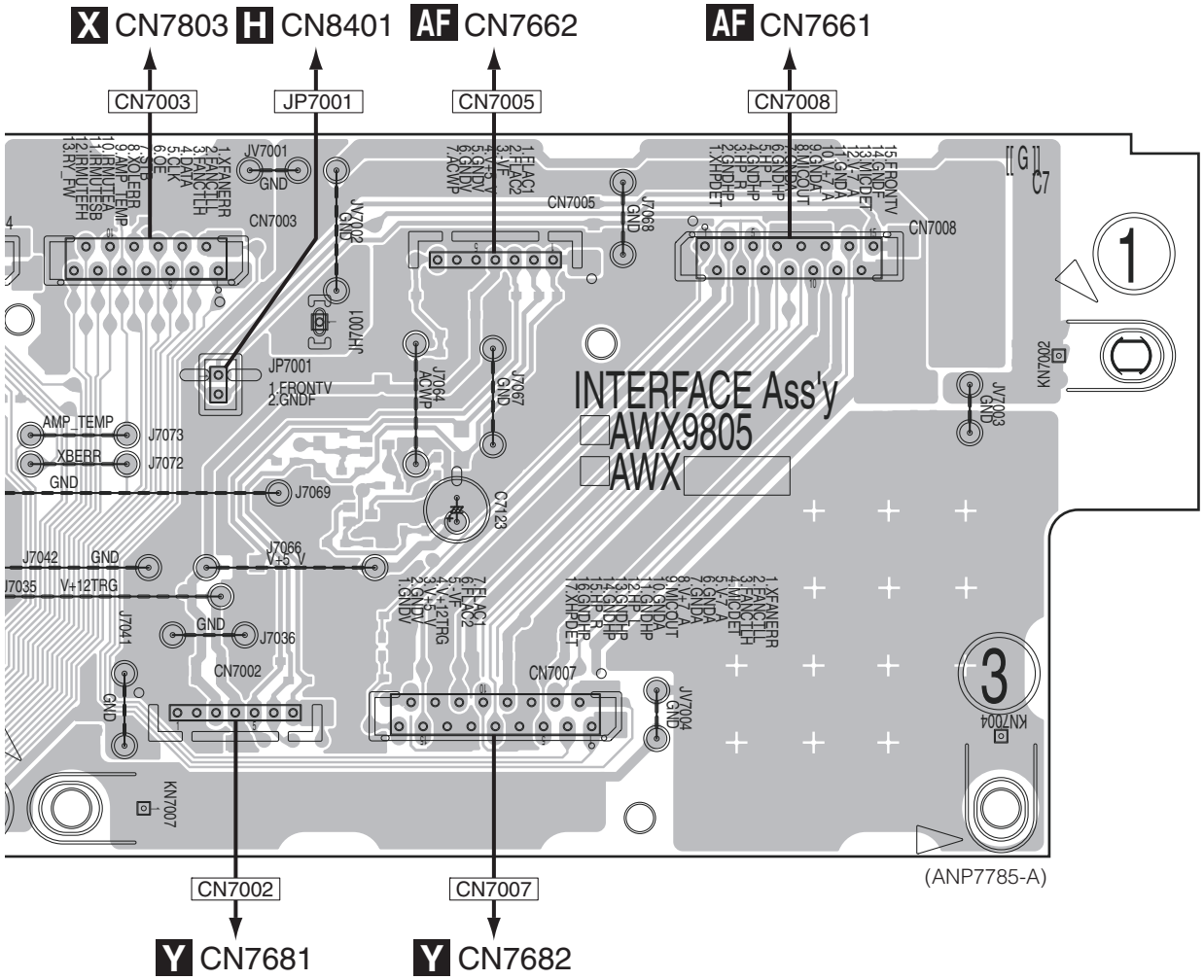
11.5 INTERFACE ASSY

SIDE A

G INTERFACE ASSY



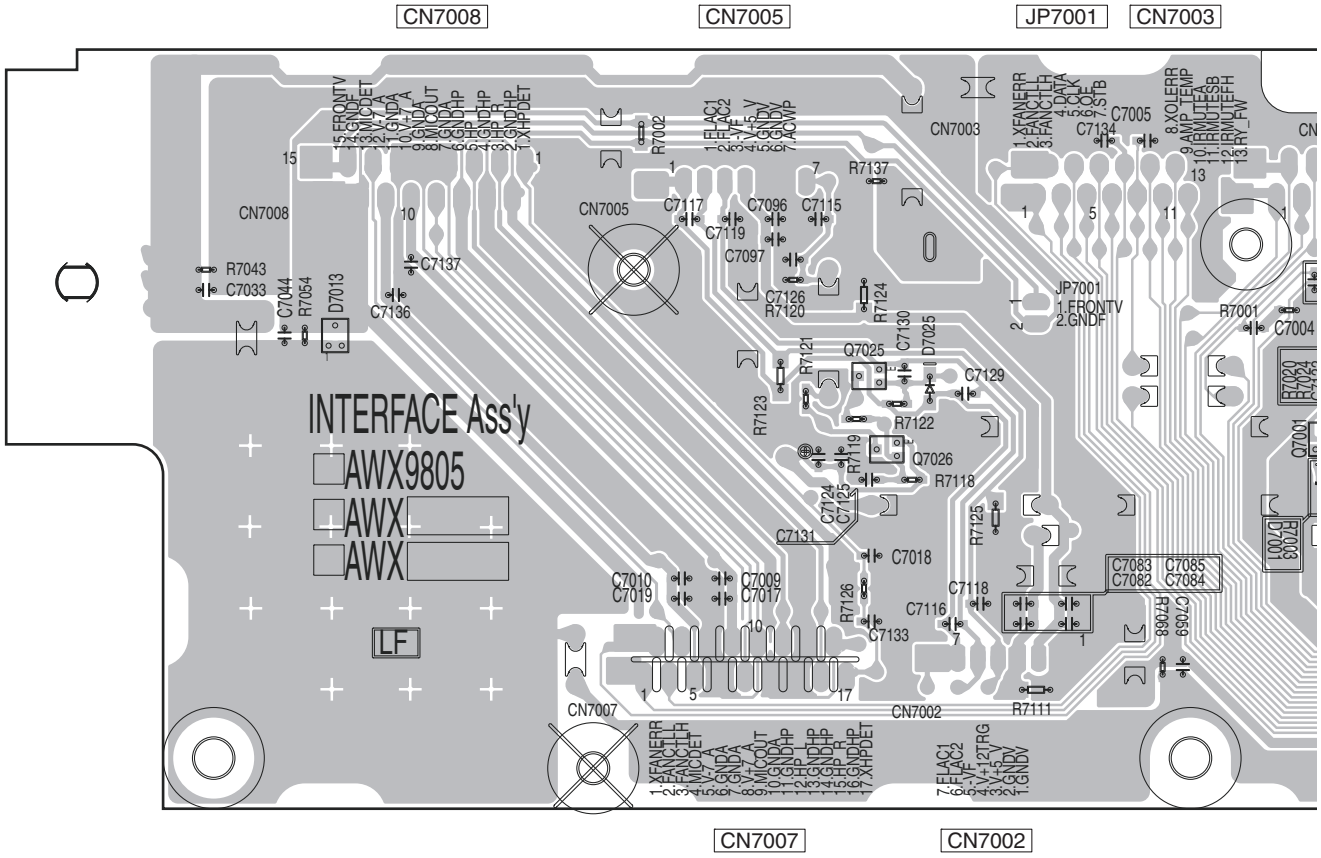
SIDE A



(ANP7785-A)

SIDE B

G INTERFACE ASSY



Q7025
Q7026

Q

IC

SIDE B

A

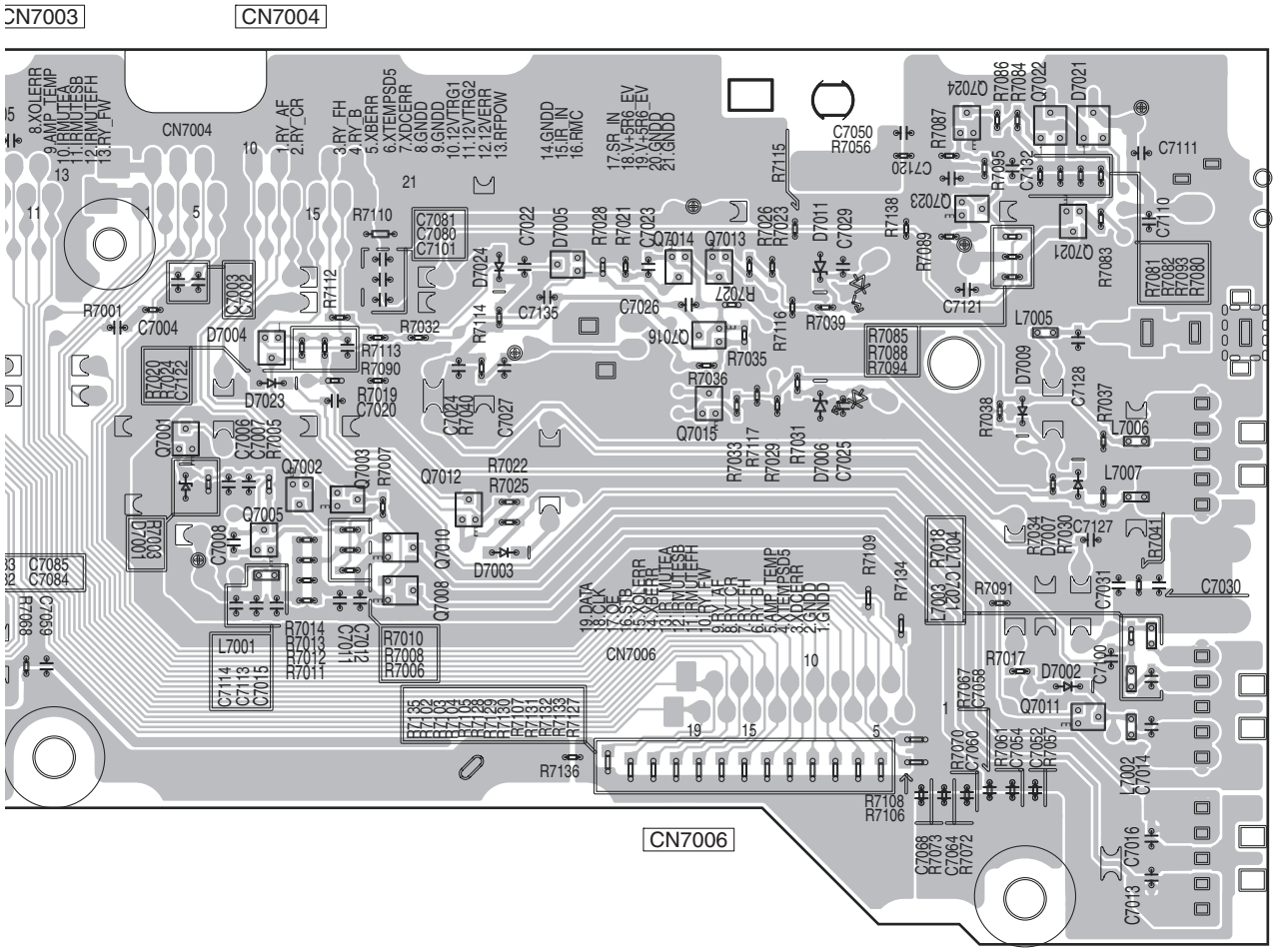
B

C

D

E

F



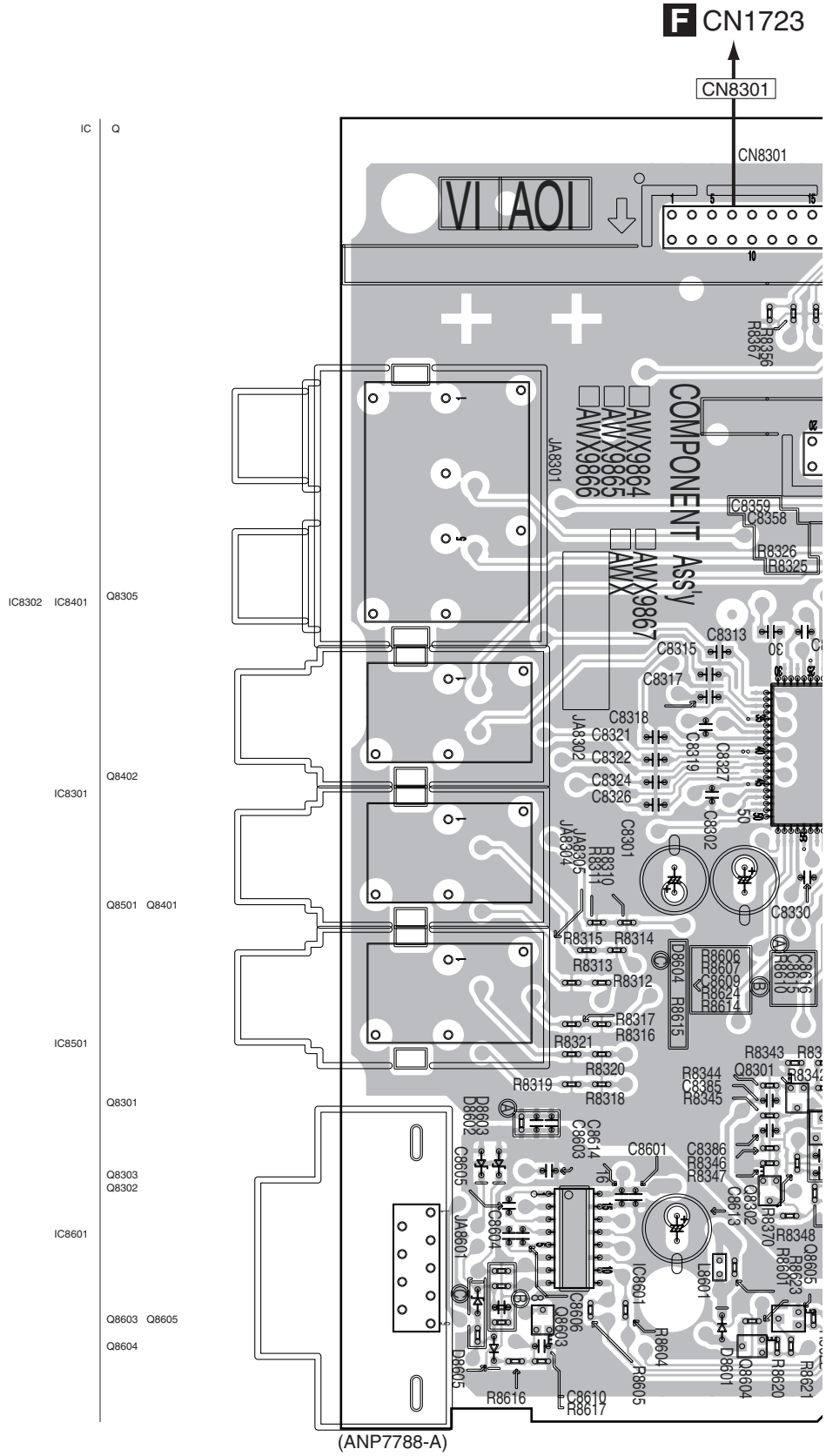
(ANP7785-A)

Q7001
Q7002 Q7003
Q7005
Q7012
Q7010
Q7008
Q7014 Q7013
Q7016
Q7015
Q7024
Q7023
Q7022
Q7021
Q7011

11.6 COMPONENT ASSY

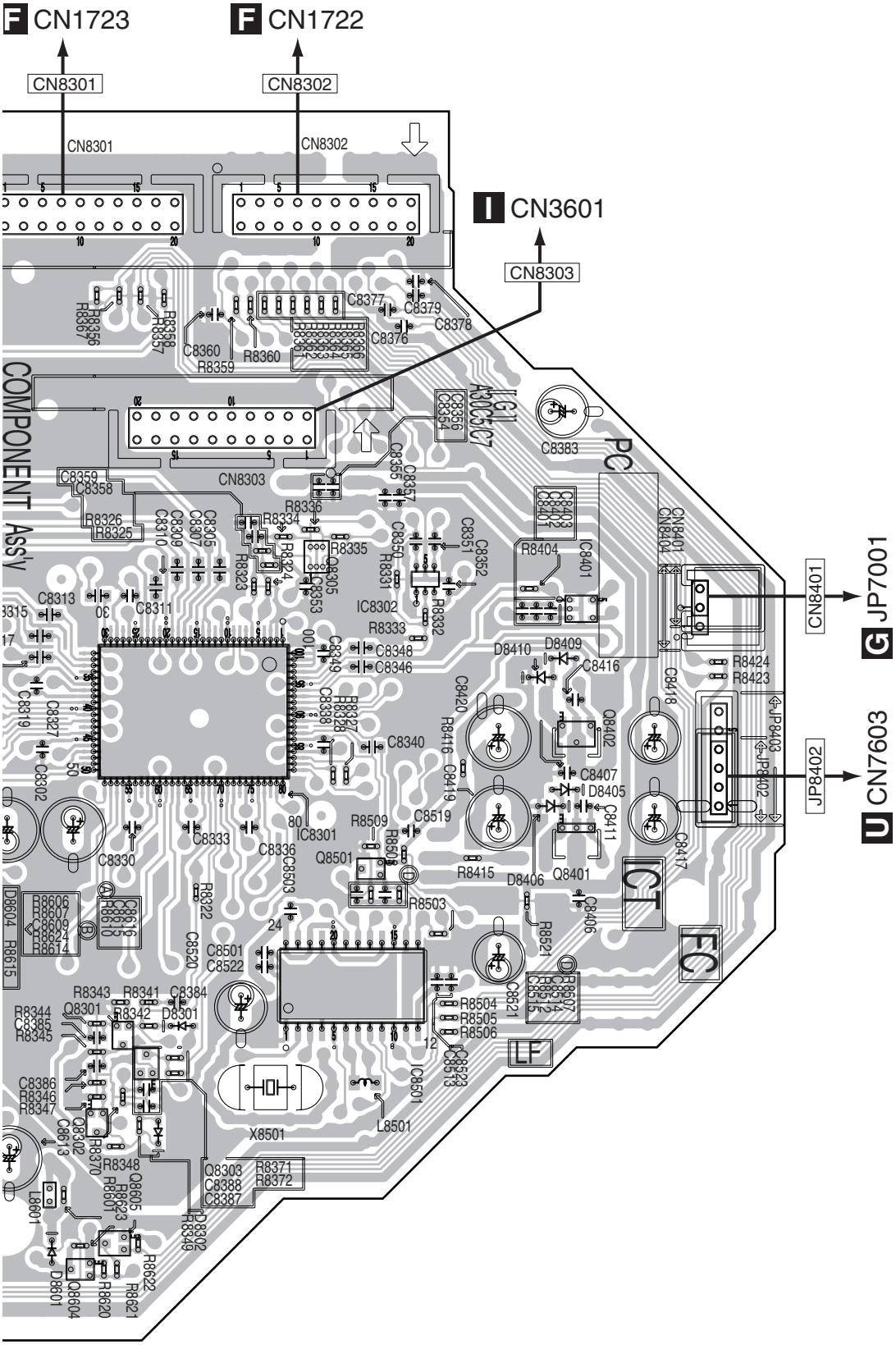
SIDE A

H COMPONENT ASSY



(ANP7788-A)

SIDE A


F CN1723
F CN1722
CN8301
CN8302
I CN3601
CN8303
COMPONENT Ass'y
PC
CT
FC
LF
G JP7001
U CN7603
CN8401
JP8402
IC8301
IC8302
IC8501
Q8501
Q8401
X8501
L8501
L8601
D8601
D8604
R8615

SIDE B

A

B

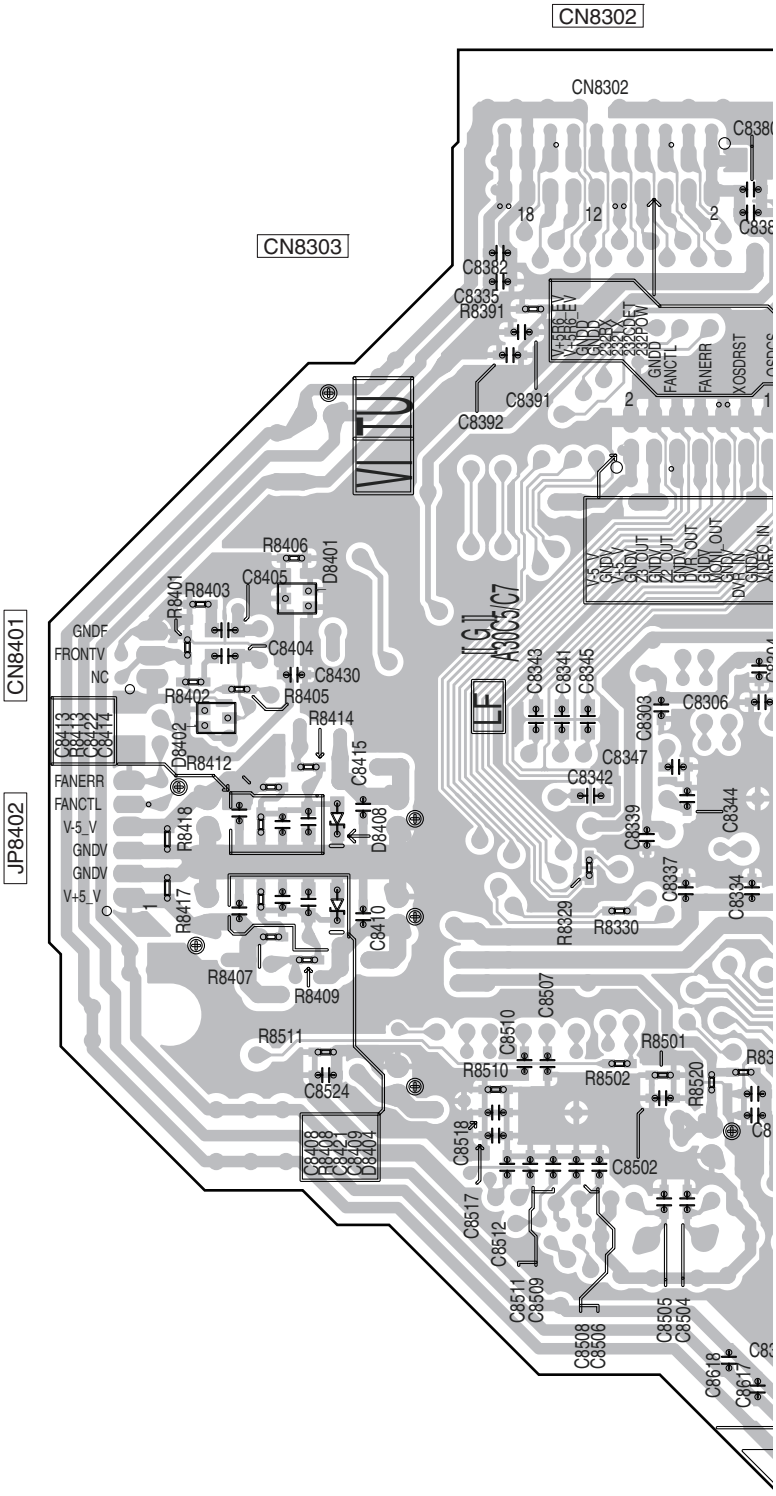
C

D

E

F

H COMPONENT ASSY



SIDE B

A

B

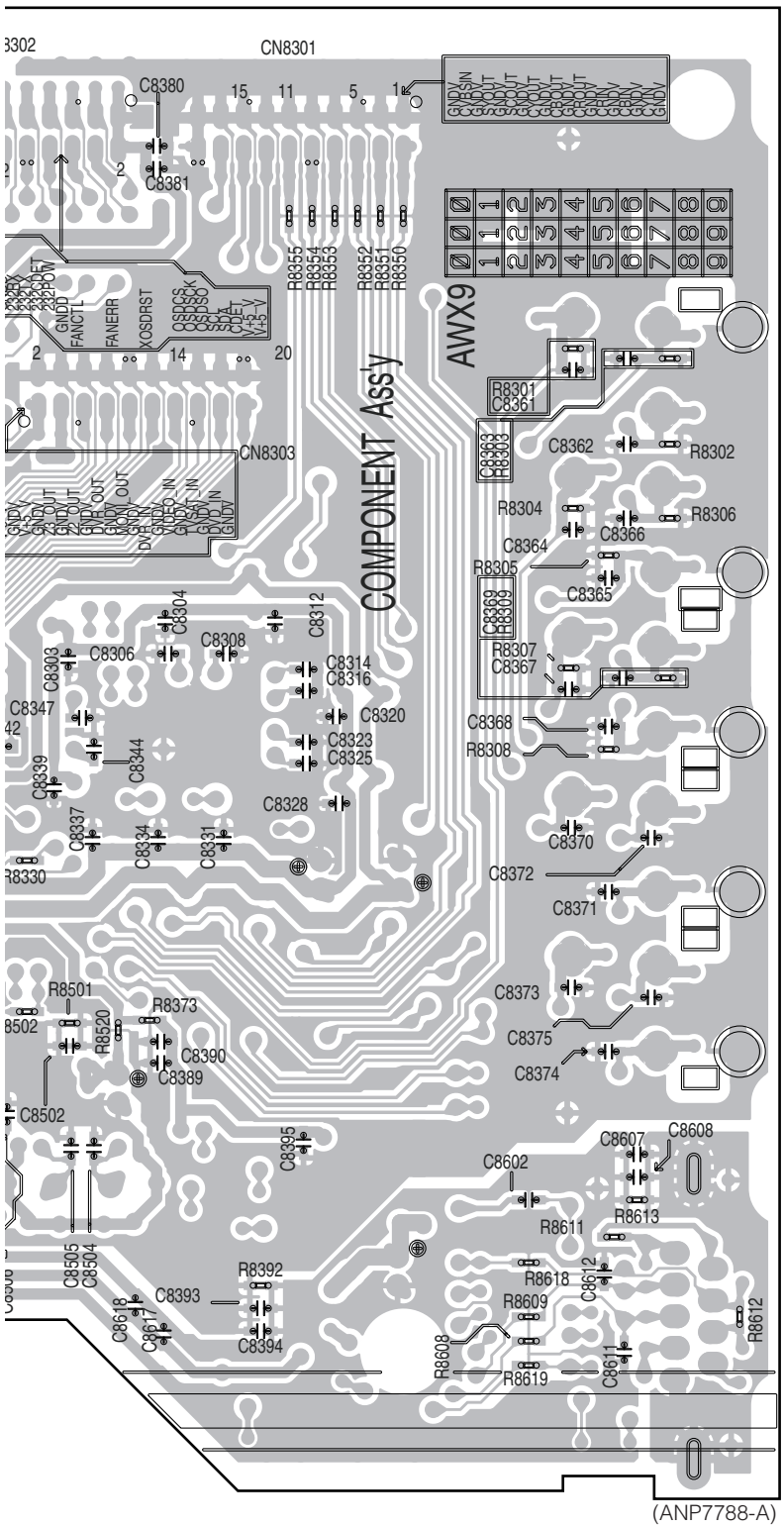
C

D

E

F

8302 CN8301

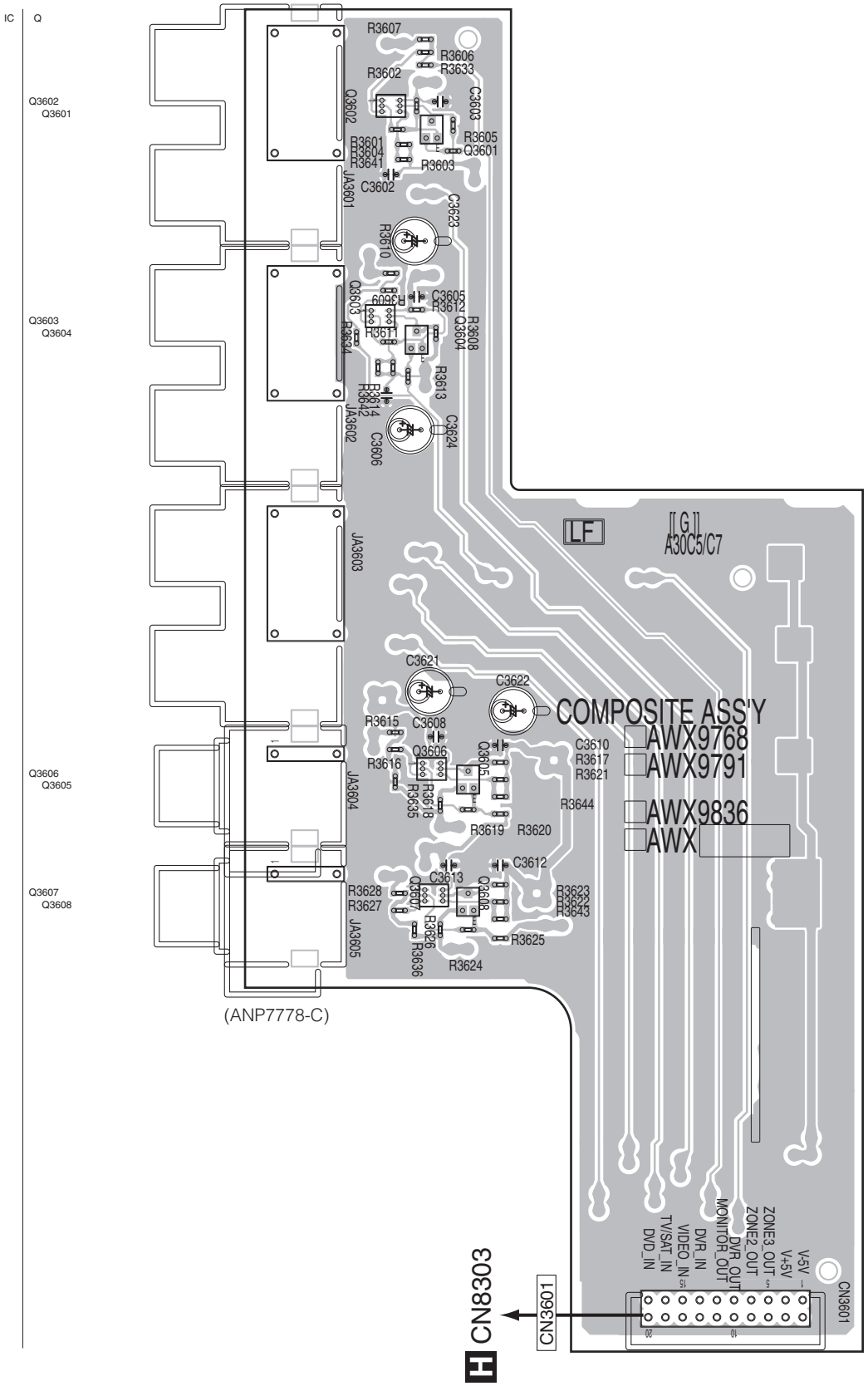


11.7 COMPOSITE ASSY

SIDE A

SIDE A

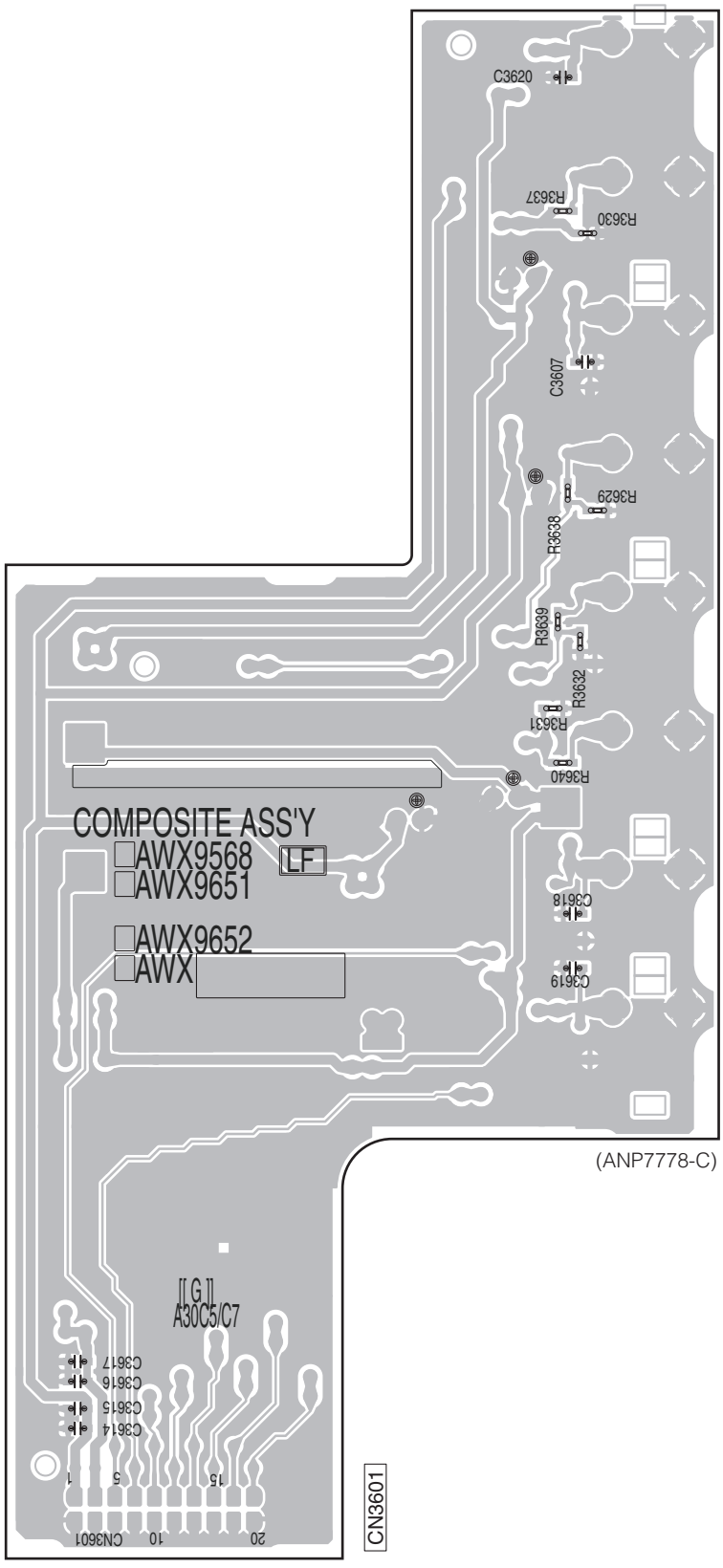
COMPOSITE ASSY



SIDE B

SIDE B

COMPOSITE ASSY

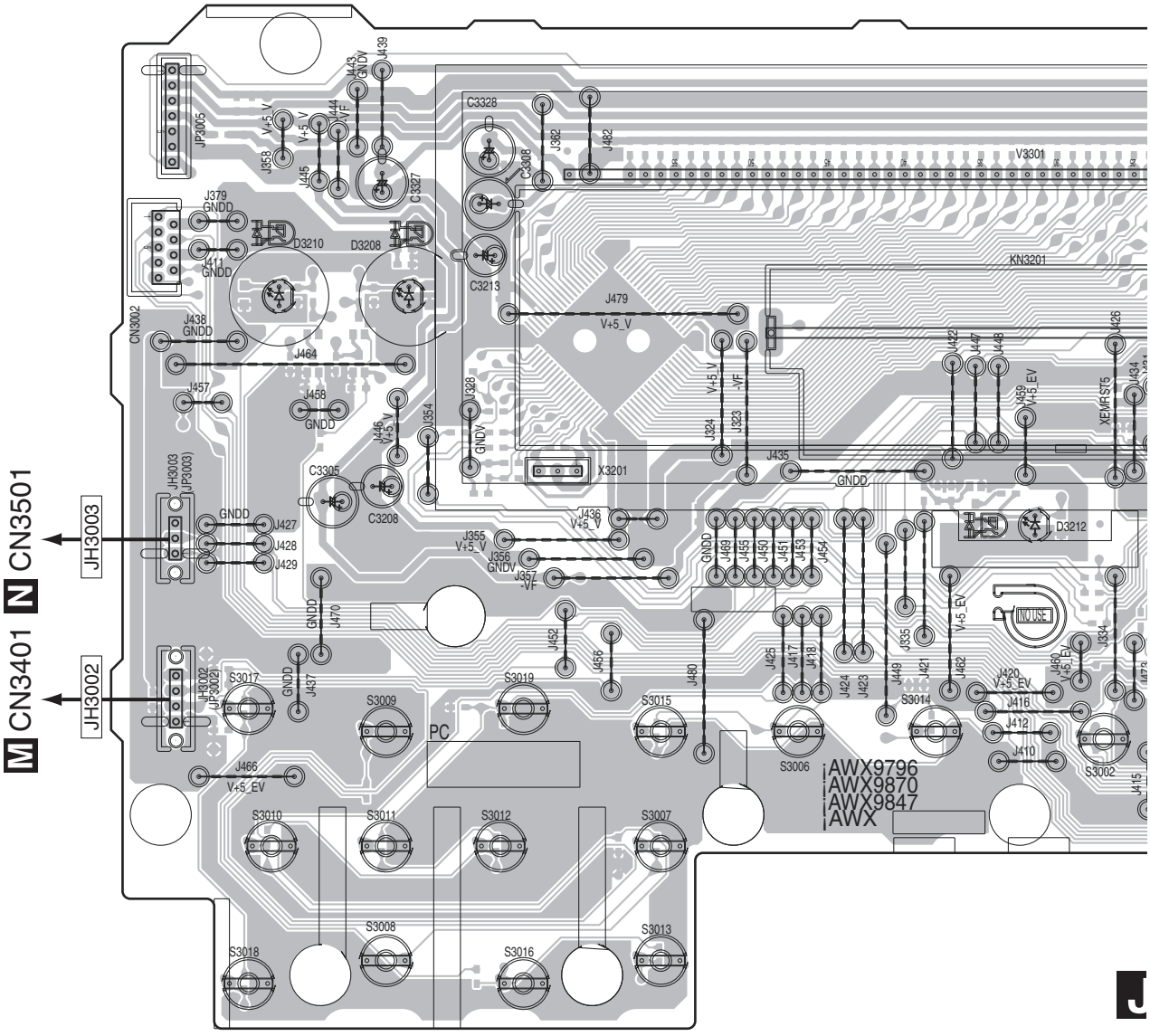


(ANP7778-C)

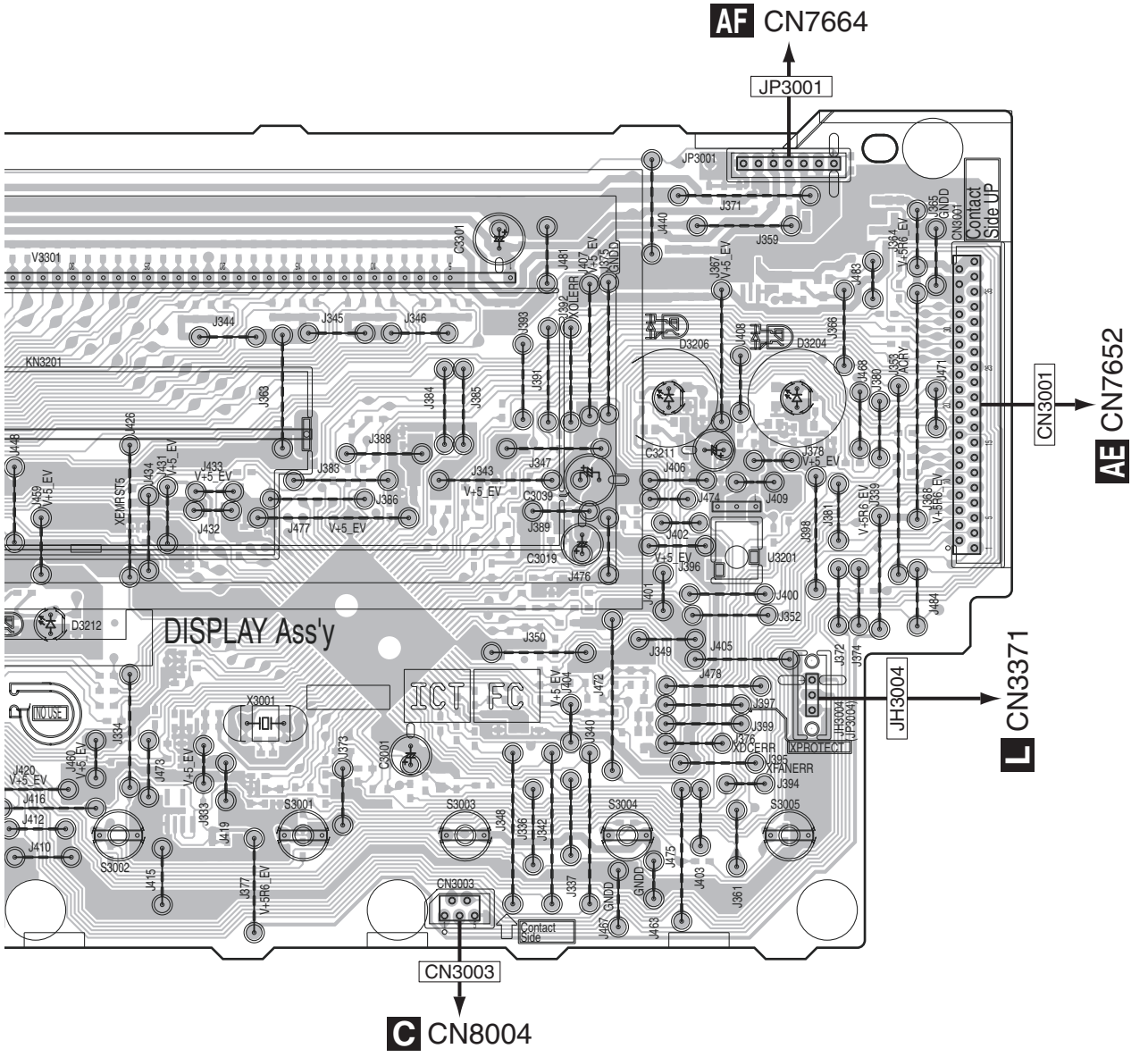
11.8 MIC HP and DISPLAY ASSYS

SIDE A

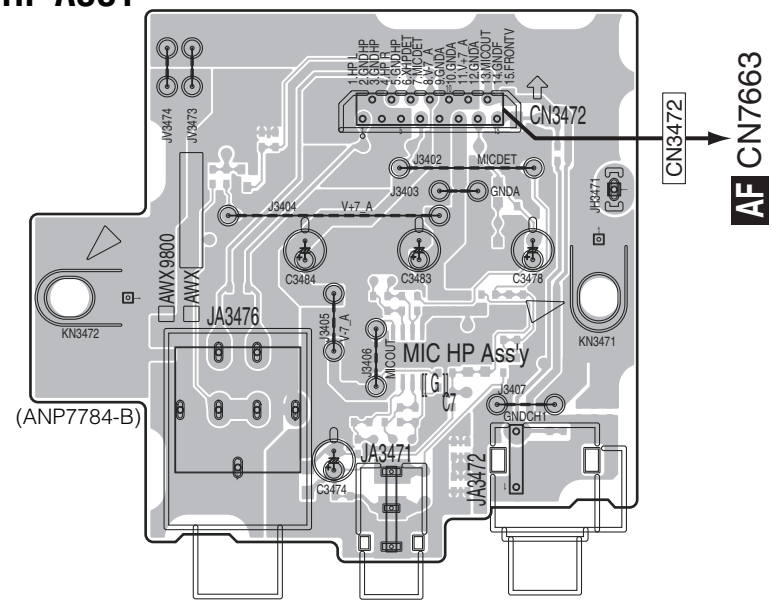
K DISPLAY ASSY



SIDE A

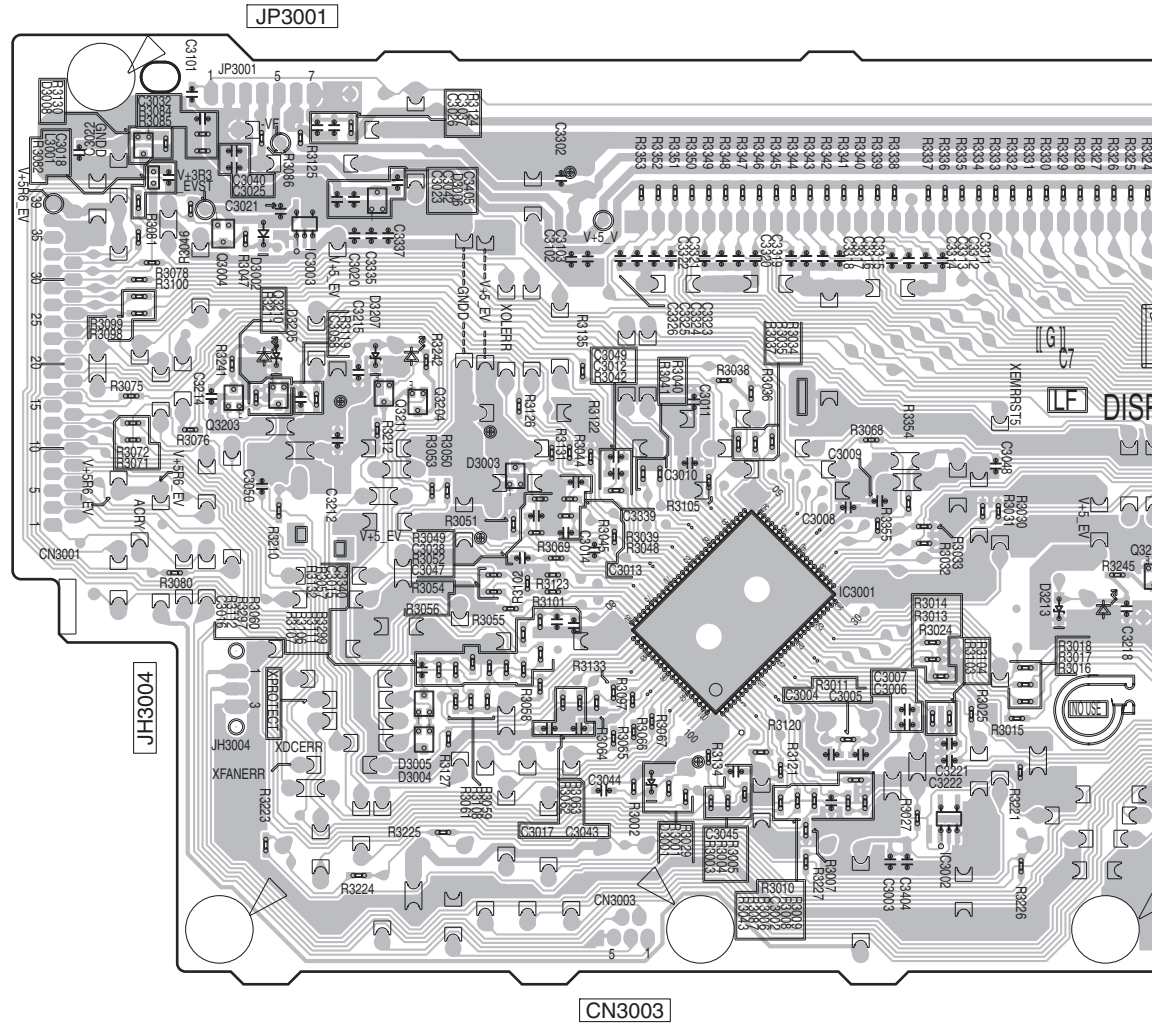


J MIC HP ASSY

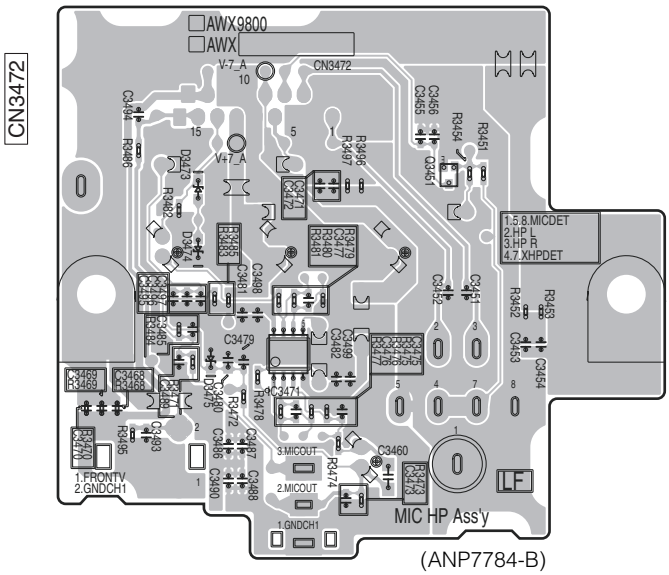


SIDE B

K DISPLAY ASSY

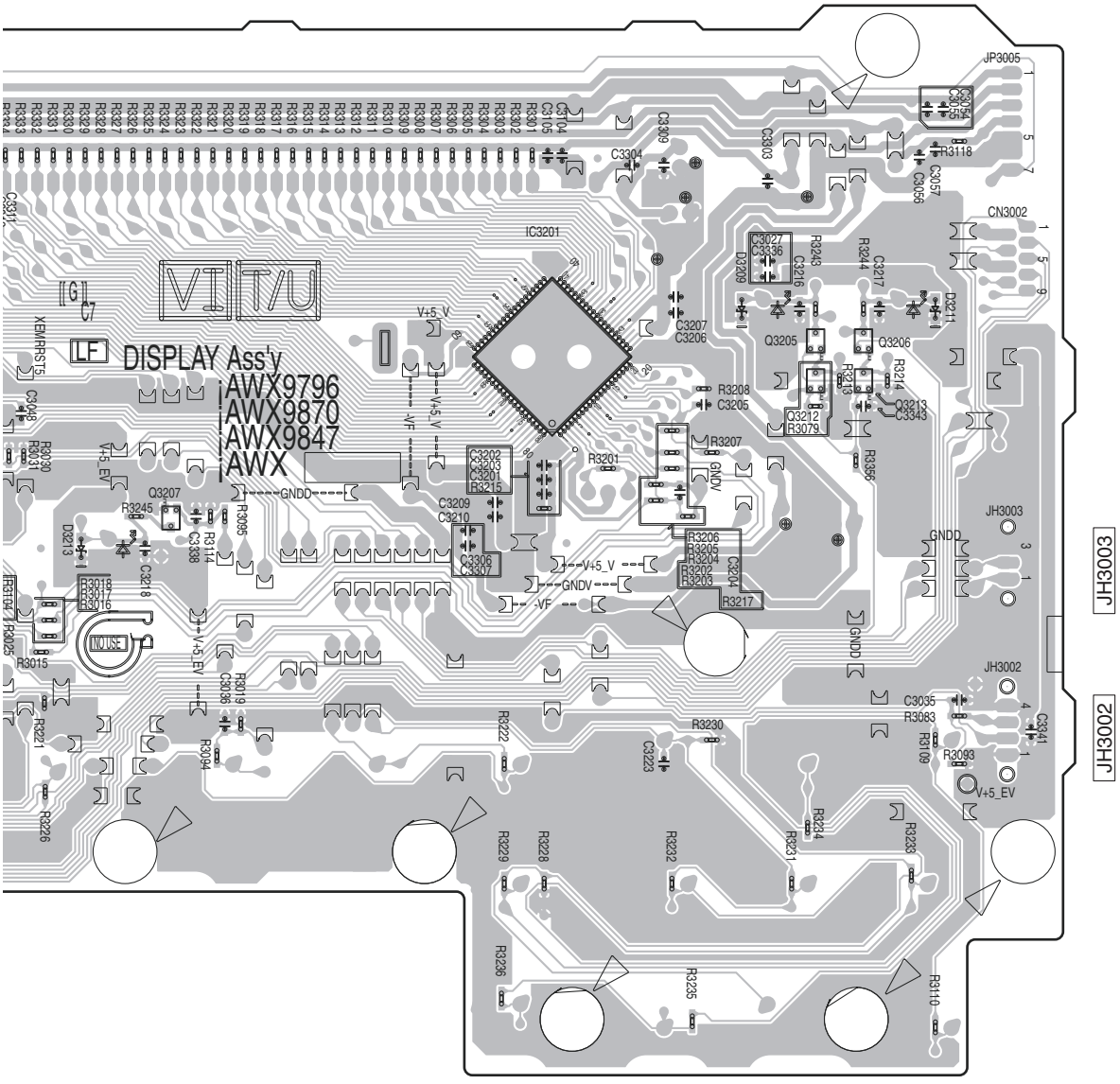


J MIC HP ASSY



(ANP7784-B)

SIDE B



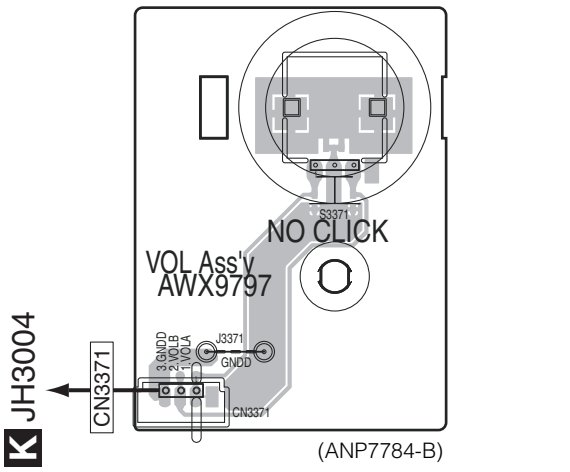
(ANP7784-B)

11.9 VOL, POWER SW and ENCODER ASSYS

SIDE A

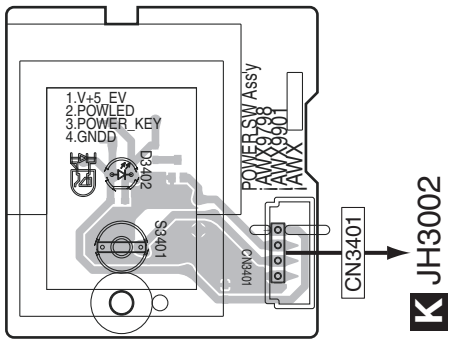
SIDE A

L VOL ASSY



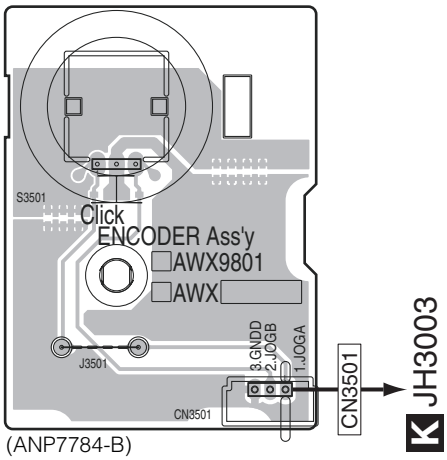
(ANP7784-B)

M POWER SW ASSY



(ANP7784-B)

N ENCODER ASSY

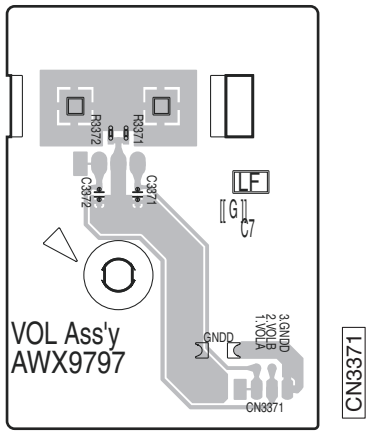


(ANP7784-B)

SIDE B

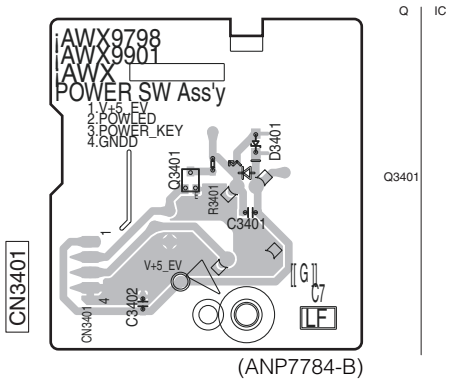
SIDE B

L VOL ASSY



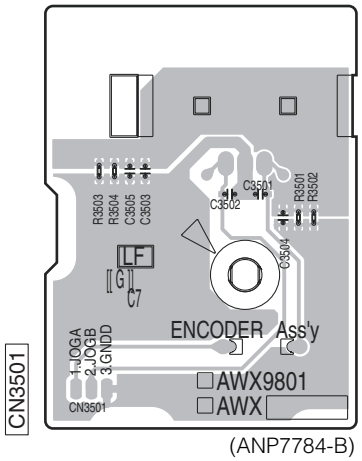
(ANP7784-B)

M POWER SW ASSY



(ANP7784-B)

N ENCODER ASSY



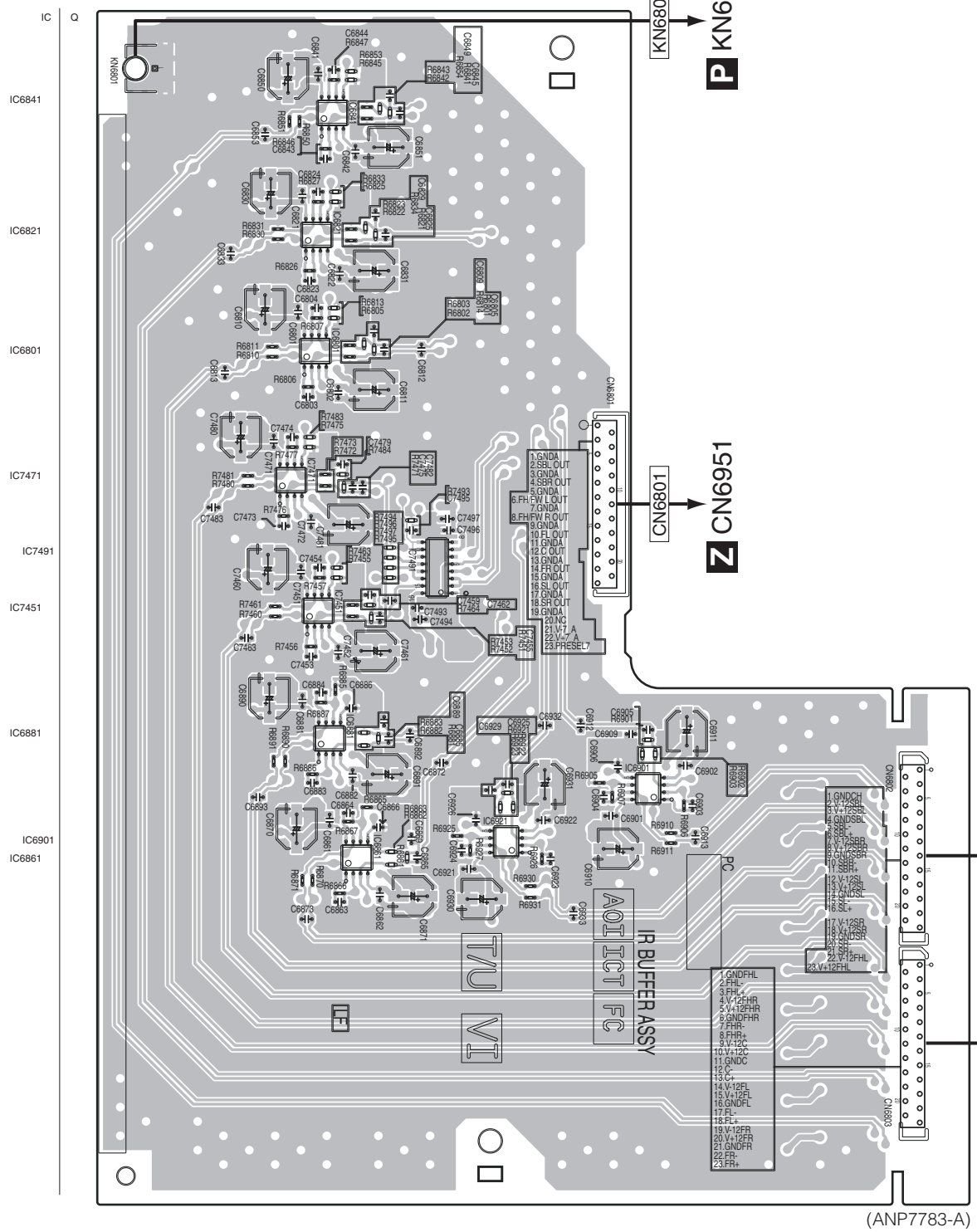
(ANP7784-B)

11.10 IR BUFFER ASSY

SIDE A

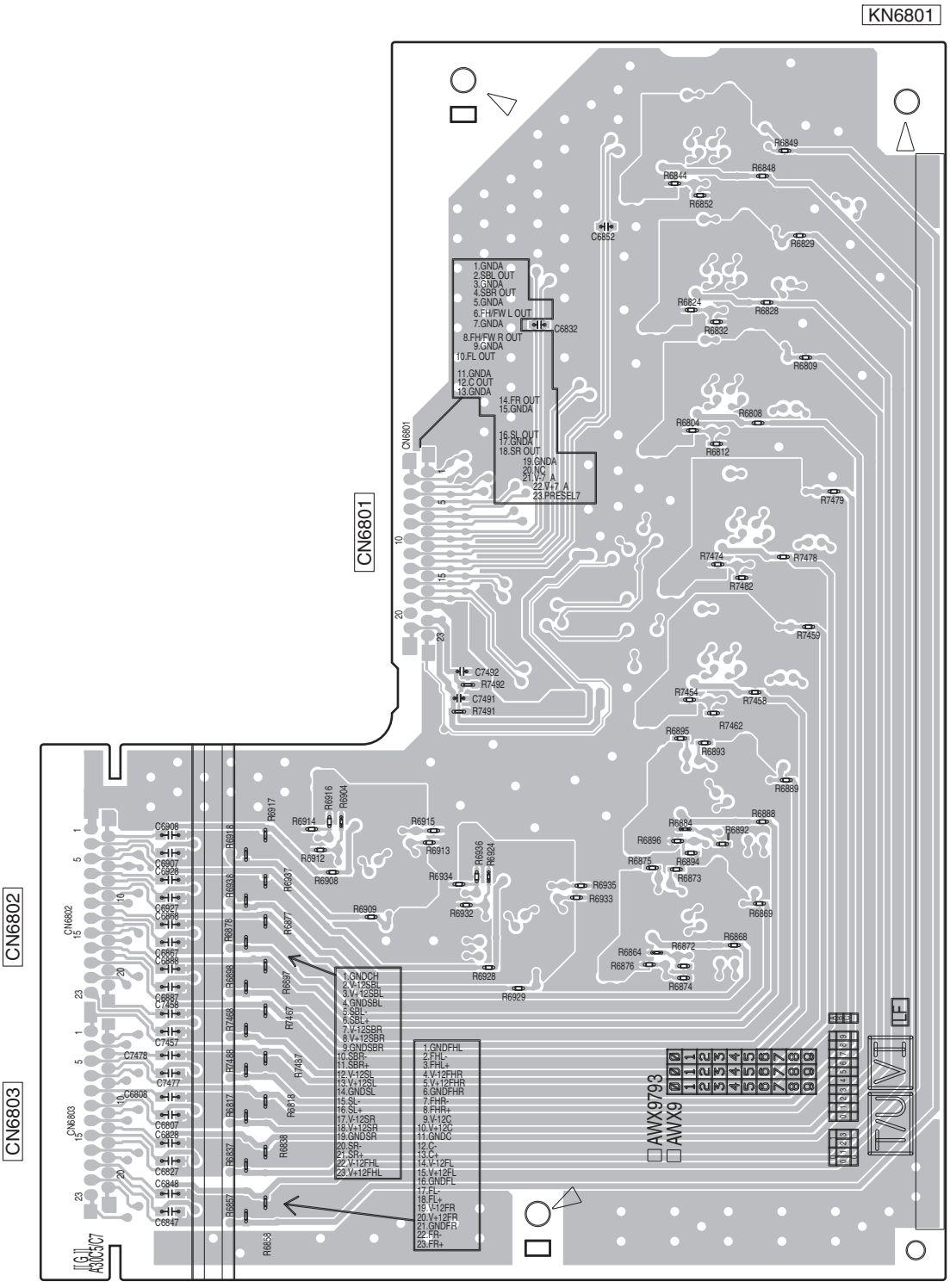
SIDE A

O IR BUFFER ASSY



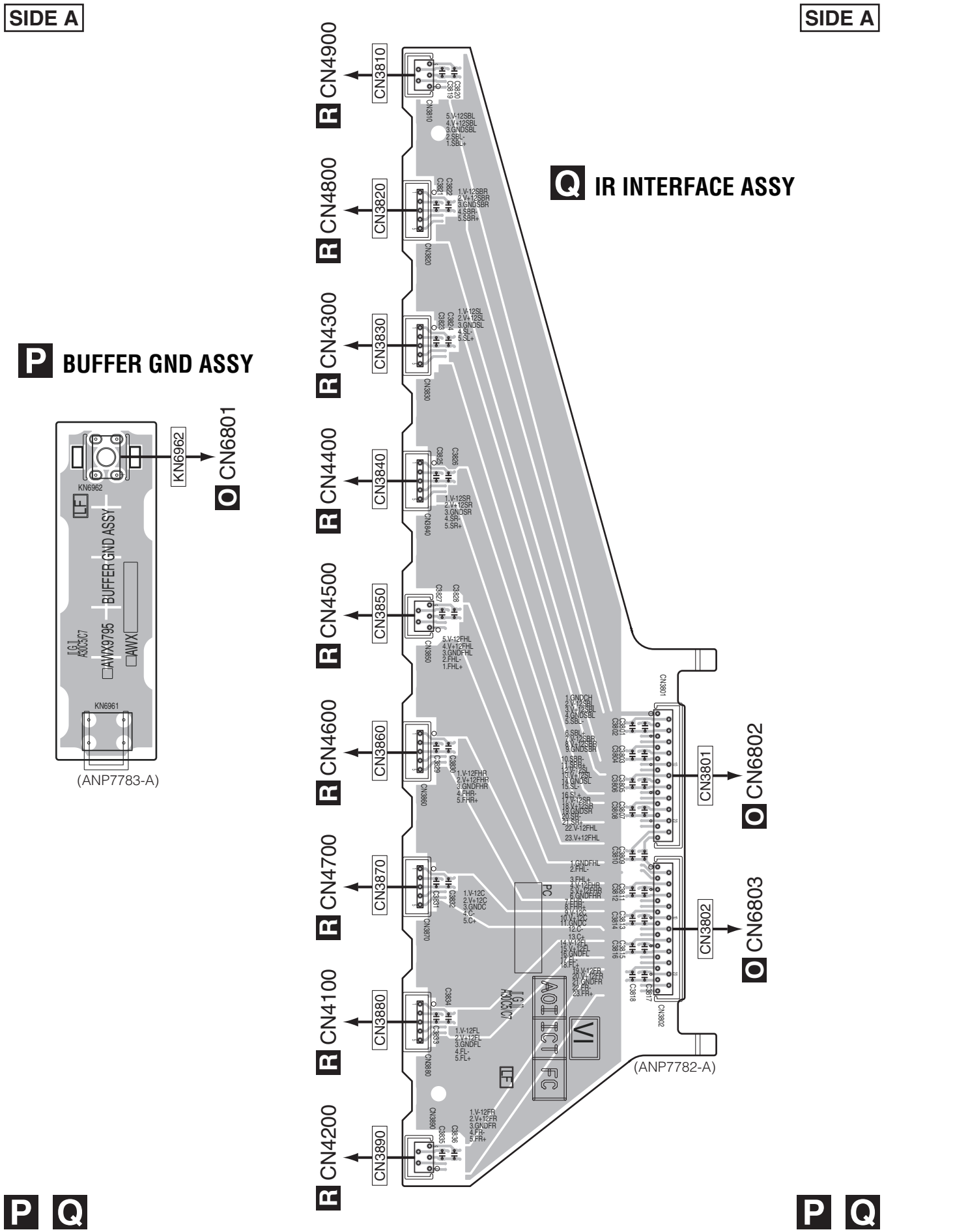
SIDE B

O IR BUFFER ASSY



(ANP7783-A)

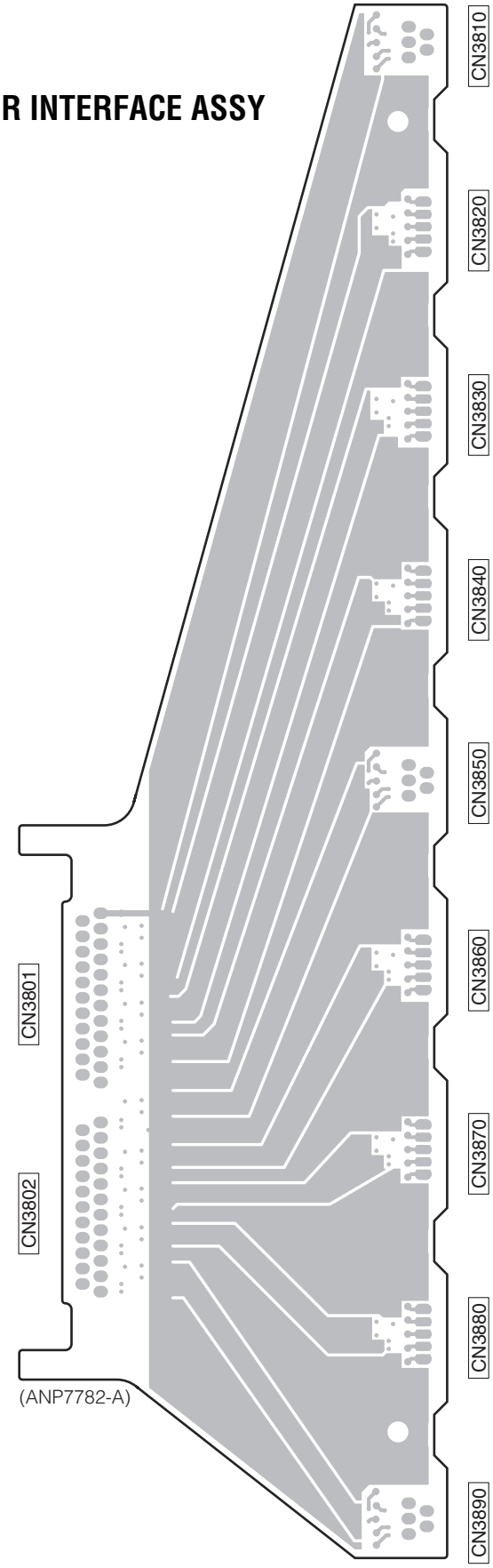
11.11 BUFFER GND and IR INTERFACE ASSYS



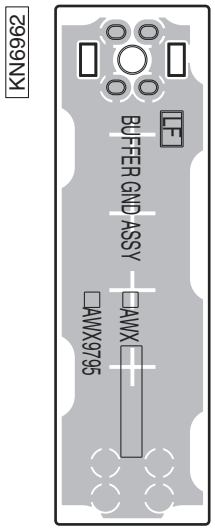
SIDE B

SIDE B

Q IR INTERFACE ASSY



P BUFFER GND ASSY



A B C D E F

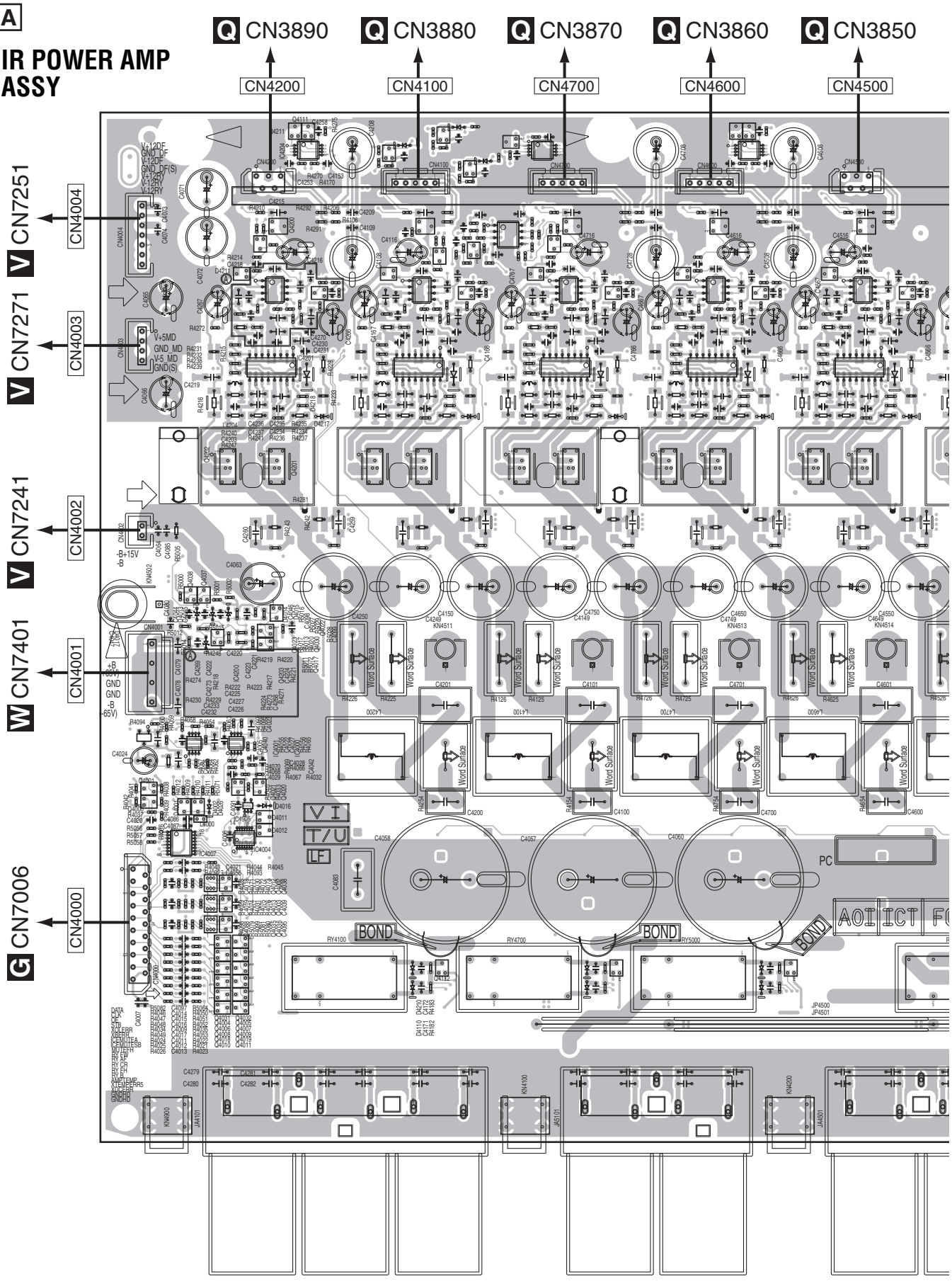
P Q

P Q

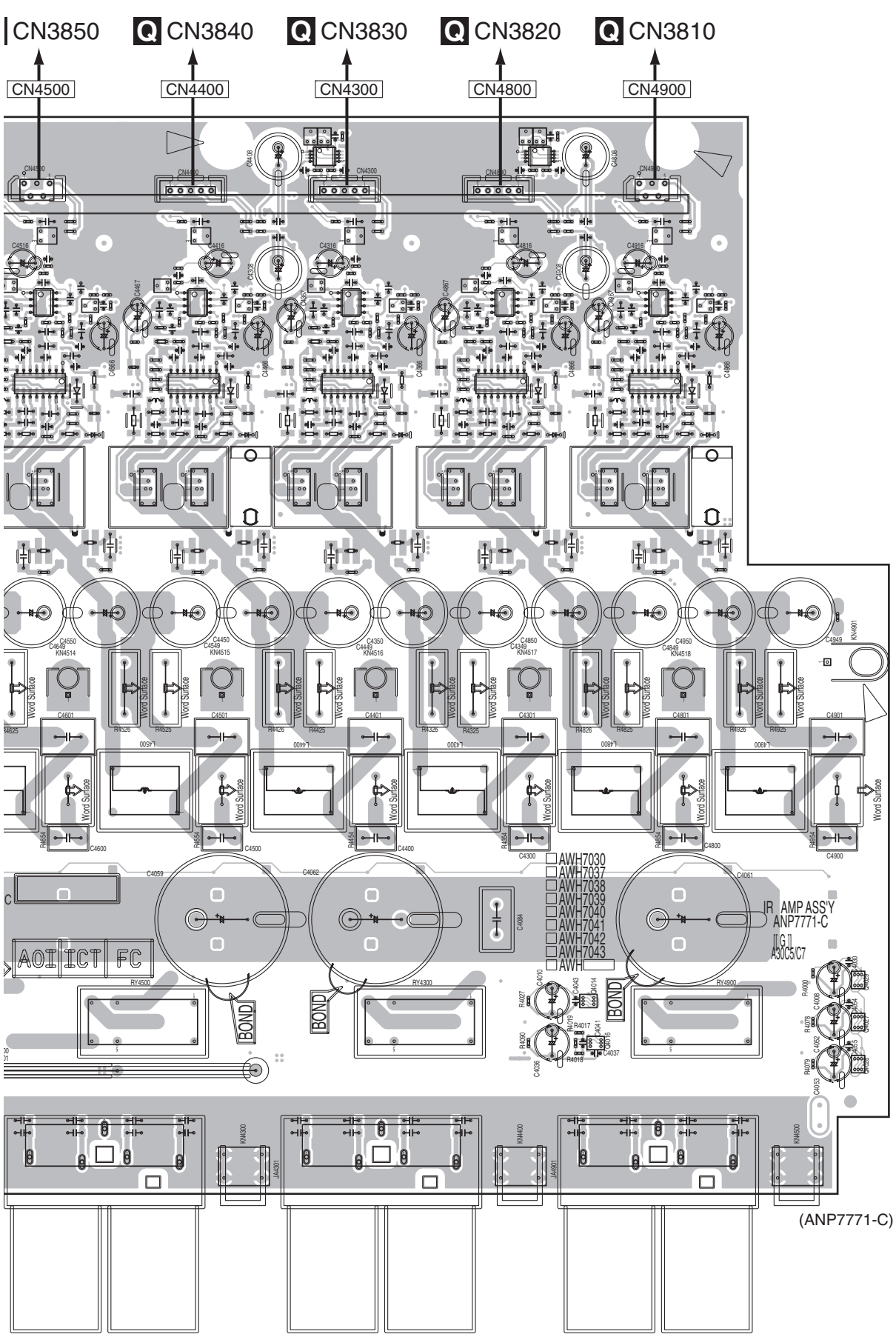
11.12 IR POWER AMP ASSY

SIDE A

R IR POWER AMP ASSY



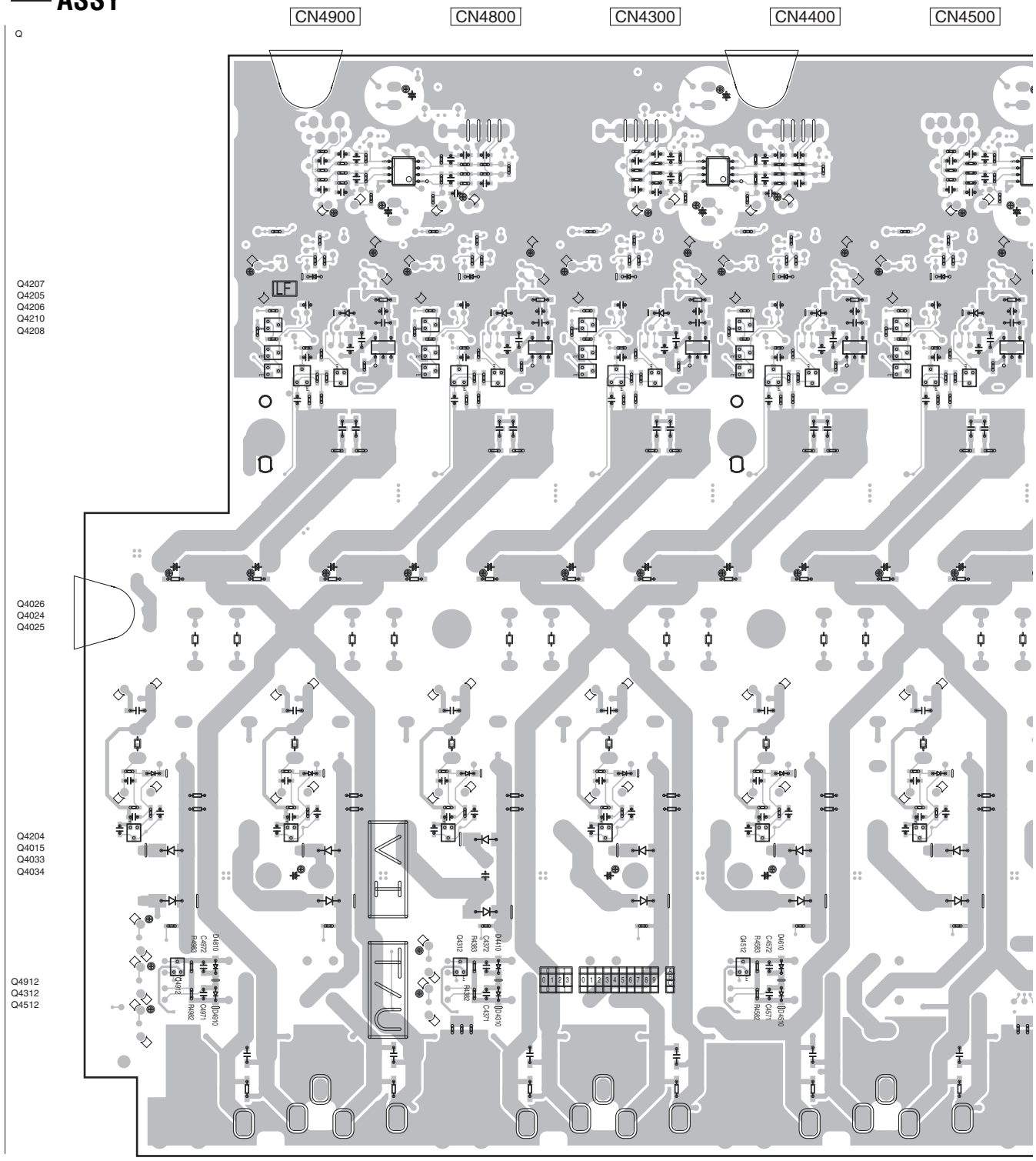
SIDE A



Q	IC
Q4111	
Q4211	IC4204
Q4200	
	IC4201
Q4202	
Q4201	
Q4038	
Q4037	
Q4022	
Q4023	
Q4030	
Q4017	
Q4203	IC4200
	IC4005
	IC4001
	IC4000
Q4001	
Q4000	
Q4021	IC4905
Q4020	
	IC4007
Q4012	
Q4002	IC4004
Q4013	
Q4003	
Q4035	
Q4036	
Q4112	
Q4031	
Q4004	
Q4006 Q4029	
Q4008 Q4014	
Q4018	
Q4010 Q4027	
Q4032 Q4016	
Q4005 Q4028	
Q4007	
Q4009	
Q4019	
Q4011	

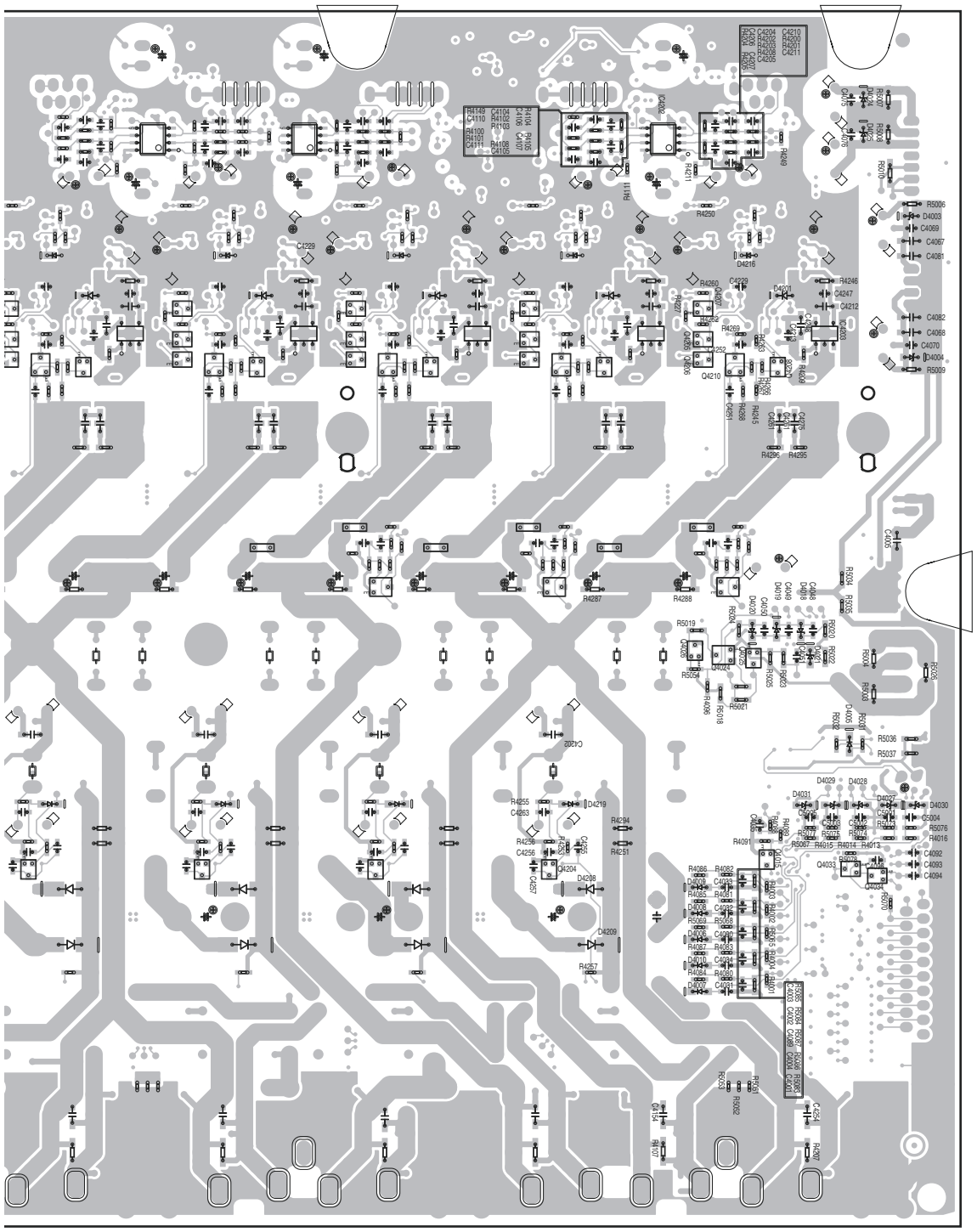
SIDE B

R IR POWER AMP ASSY



SIDE B

CN4500 CN4600 CN4700 CN4100 CN4200



CN4004 CN4003 CN4002 CN4001 CN4000

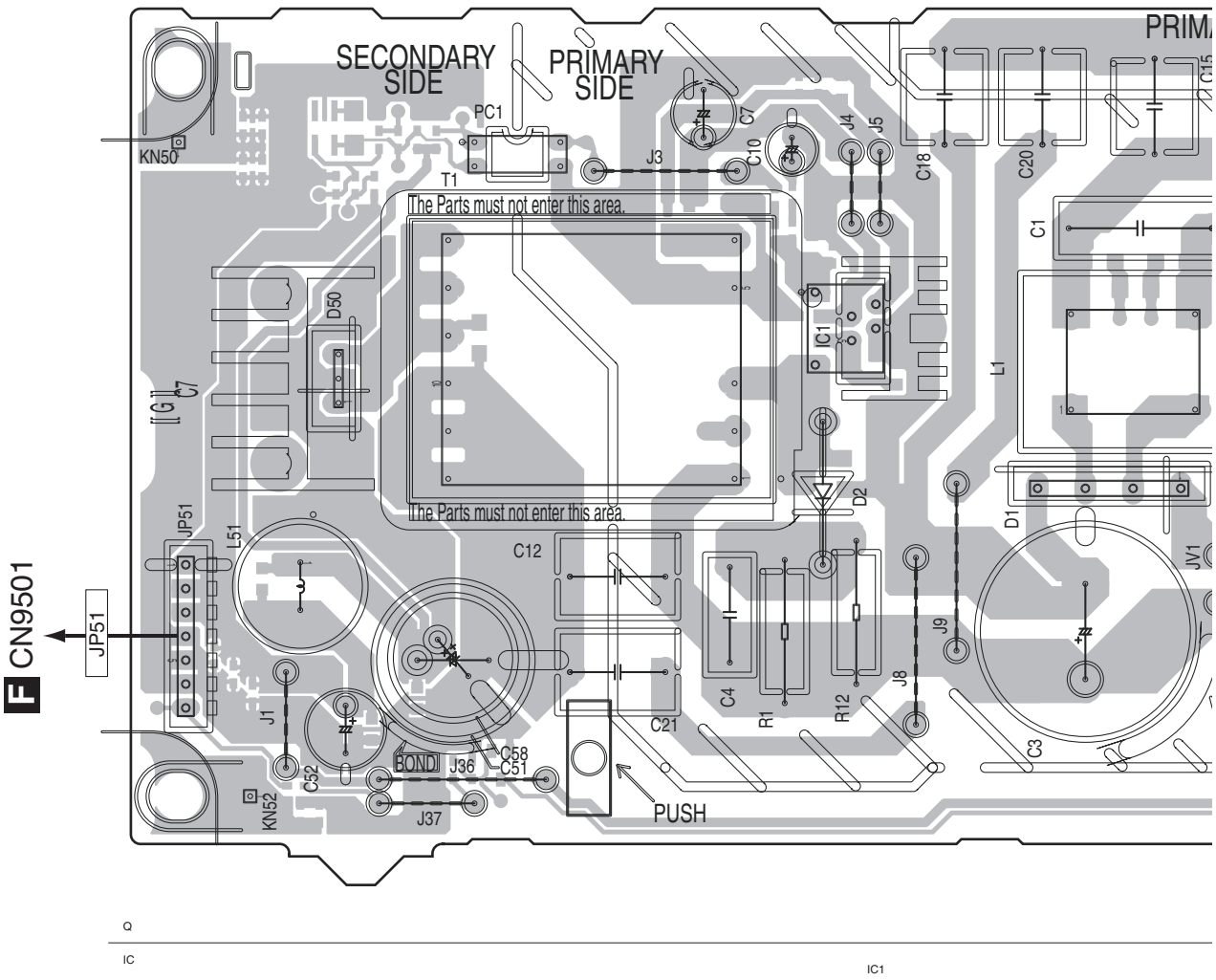
(ANP7771-C)

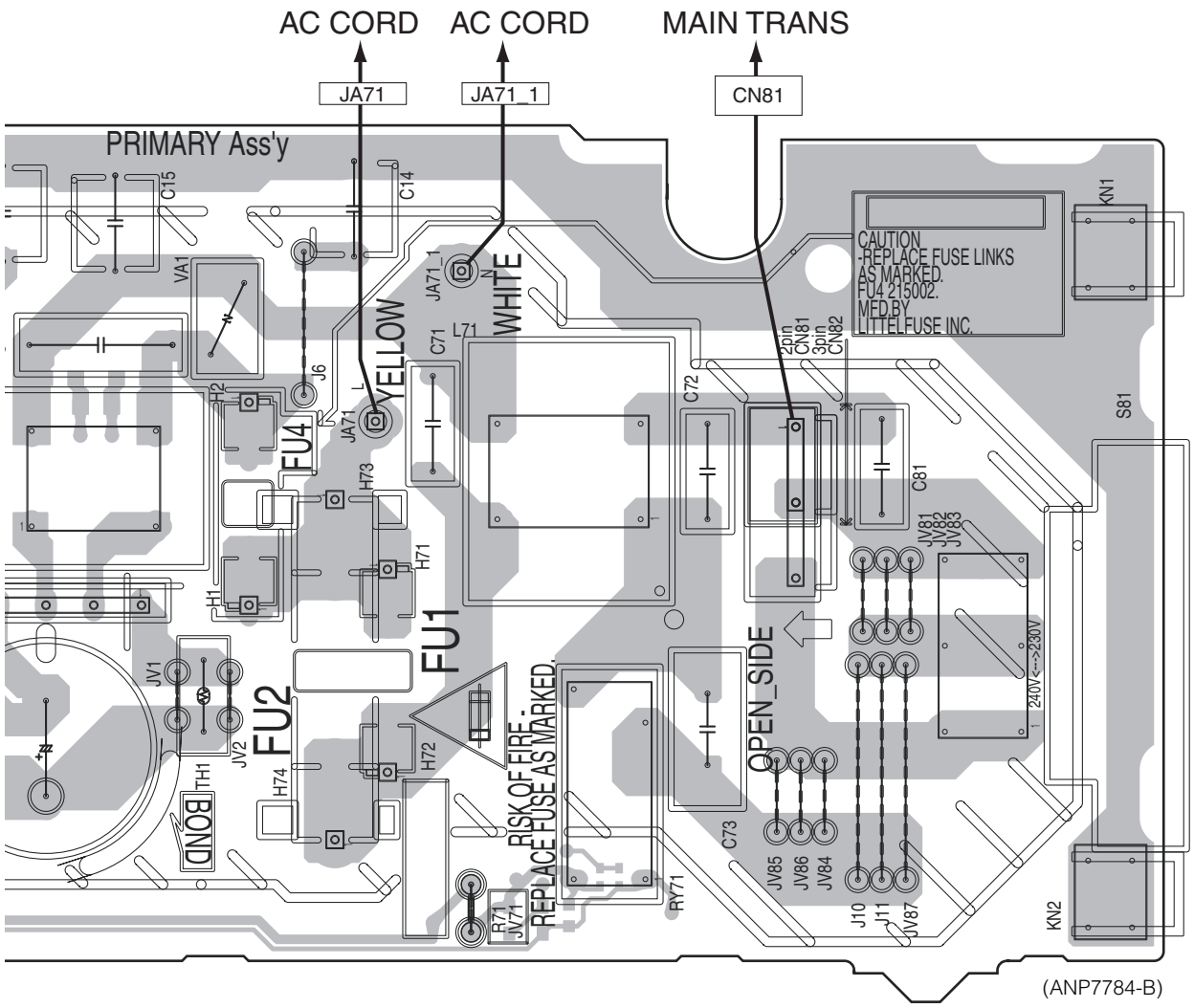
5 6 7 8

11.13 PRIMARY ASSY

SIDE A

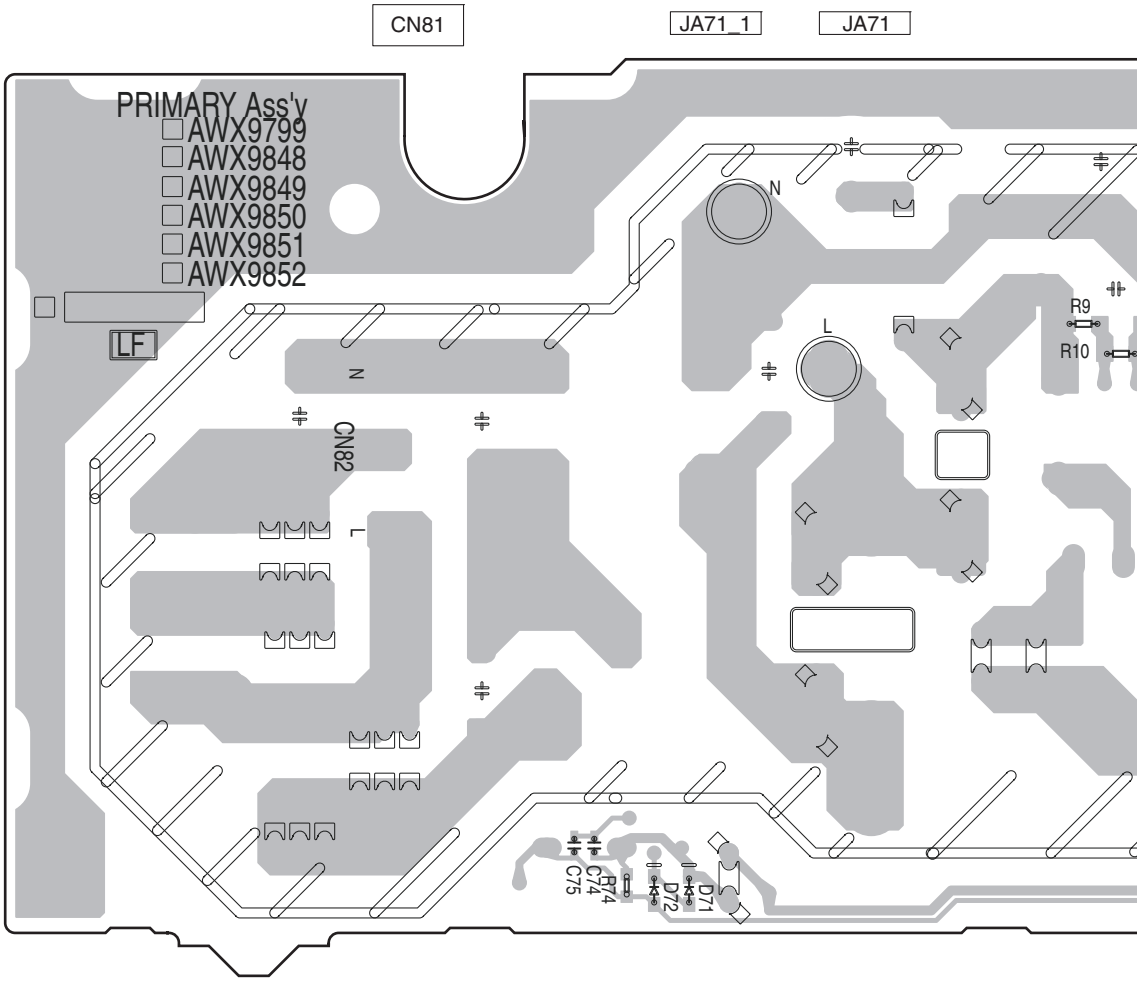
S PRIMARY ASSY




AC CORD
AC CORD
MAIN TRANS
JA71
JA71_1
CN81
PRIMARY Ass'y
C15
C14
VA1
JA71_1
WHITE
YELLOW
C71
L71
J6
H2
FU4
JA71
H73
H71
H1
FU1
FU2
JV1
JV2
TH1
BOND
H74
H72
RISK OF FIRE -
REPLACE FUSE AS MARKED.
R71
JV71
RY71
C73
OPEN_SIDE
JV85
JV86
JV84
J10
J11
JV87
KN2
C72
2pin
CN81
3pin
CN82
CAUTION
-REPLACE FUSE LINKS
AS MARKED.
FU4 215002.
MFD.BY
LITTELFUSE INC.
KN1
S81
C81
JV81
JV82
JV83
240V <---> 230V
(ANP7784-B)

SIDE B

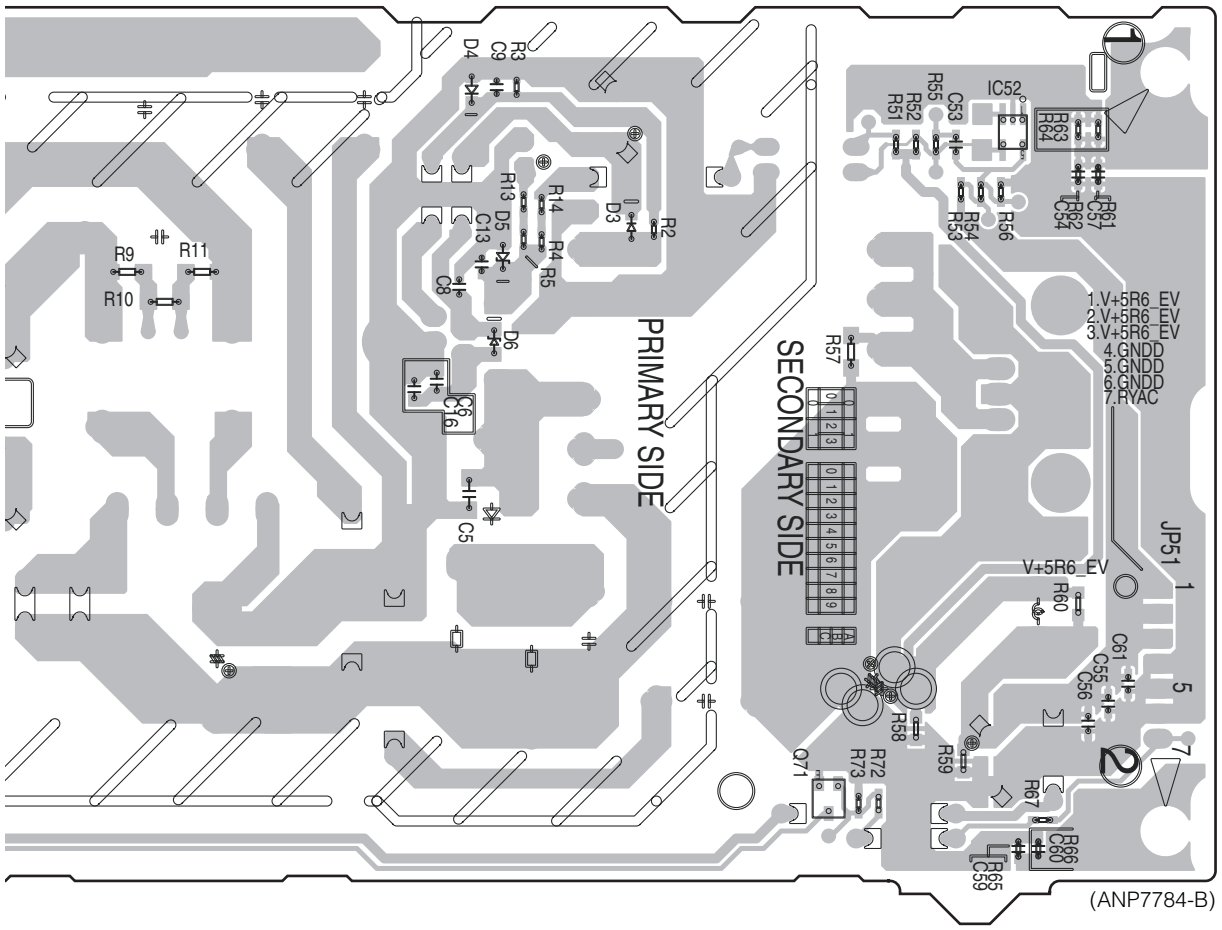
S PRIMARY ASSY



Q

IC

SIDE B



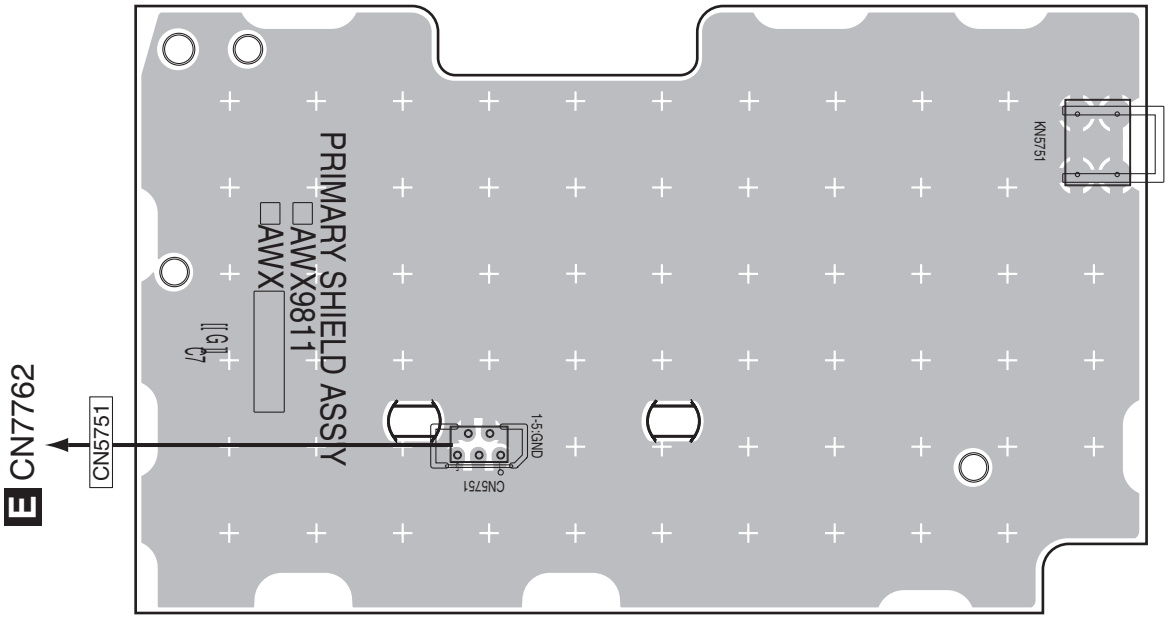
Q71

IC52

11.14 PRIMARY SHIELD and REG ASSYS

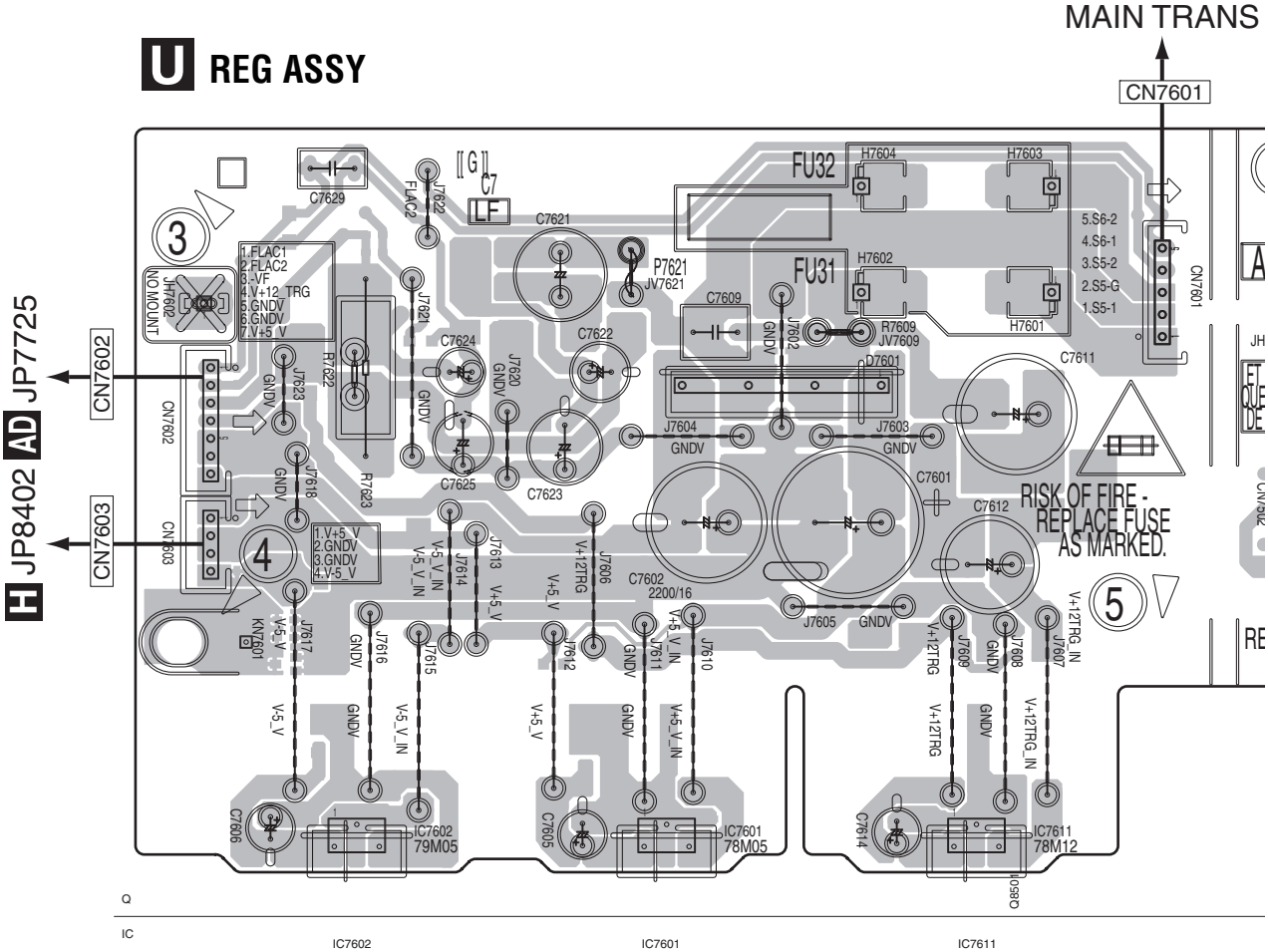
SIDE A

T PRIMARY SHIELD ASSY



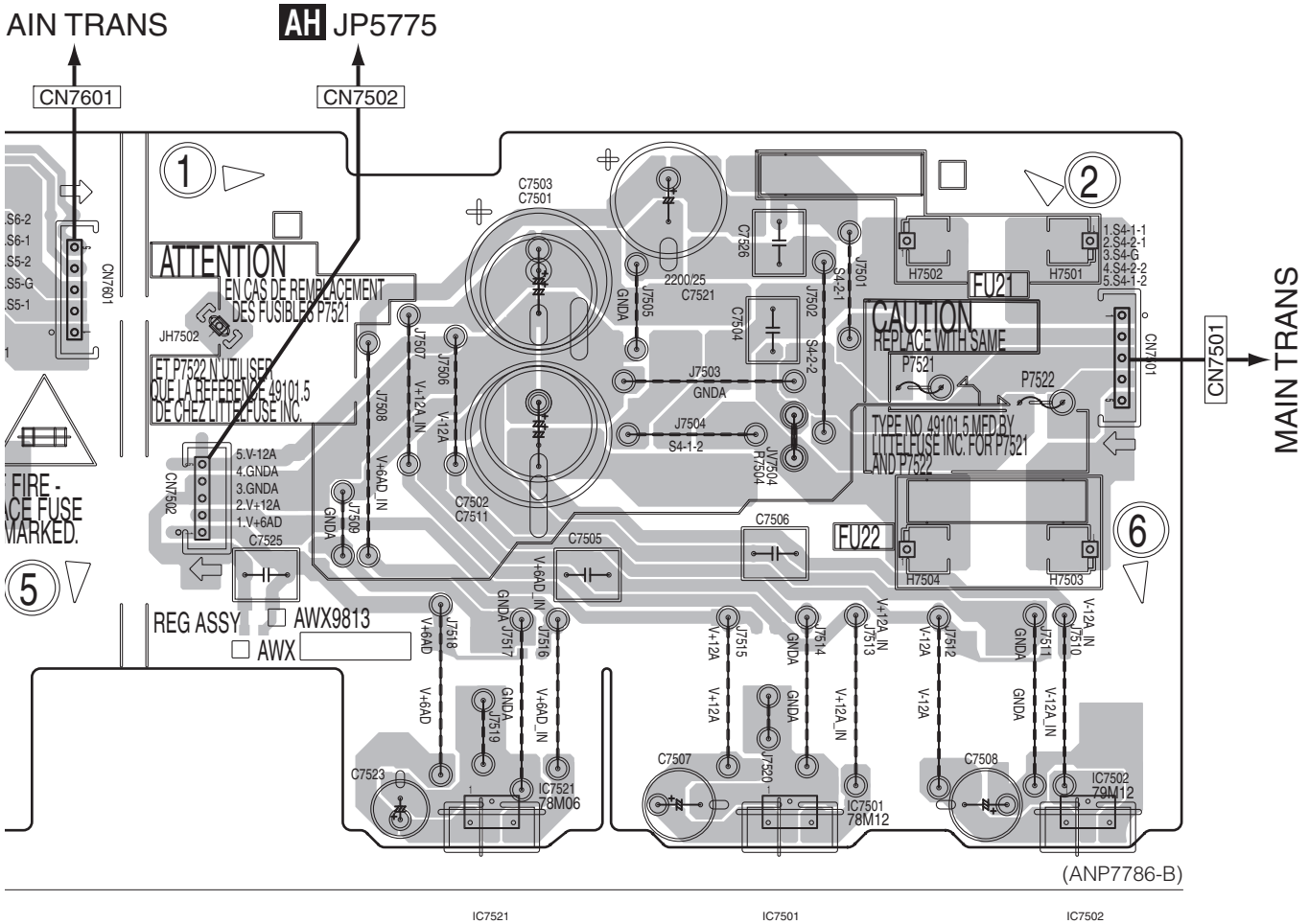
(ANP7785-A)

U REG ASSY



SIDE A




AIN TRANS
AH JP5775
CN7601
CN7502
CN7501
MAIN TRANS
ATTENTION
EN CAS DE REMPLACEMENT
DES FUSIBLES P7521
ET P7522 N'UTILISER
QUE LA REFERENCE 49101.5
DE CHEZ LITTELFUSE INC.
CAUTION
REPLACE WITH SAME
TYPE NO. 49101.5 MFD BY
LITTELFUSE INC. FOR P7521
AND P7522
FU21
FU22
P7521
P7522
H7501
H7502
H7503
H7504
JH7502
CN7601
CN7502
CN7701
1.S4-1-1
2.S4-2-1
3.S4-G
4.S4-2-2
5.S4-1-2
5.V-12A
4.GNDA
3.GNDA
2.V+12A
1.V+6AD
REG ASSY
AWX9813
AWX
C7503
C7501
C7526
2200/25
C7521
C7504
C7502
C7511
C7505
C7506
C7525
C7523
C7507
C7508
J7501
J7502
J7503
J7504
J7505
J7506
J7507
J7508
J7509
J7510
J7511
J7512
J7513
J7514
J7515
J7516
J7517
J7518
J7519
J7520
S4-2-1
S4-2-2
S4-1-2
R7504
GNDA
V+12A
V+12A_IN
V+6AD
V+6AD_IN
IC7521
78M06
IC7501
78M12
IC7502
79M12
1
5
6
(ANP7786-B)
IC7521
IC7501
IC7502

SIDE B

A

B

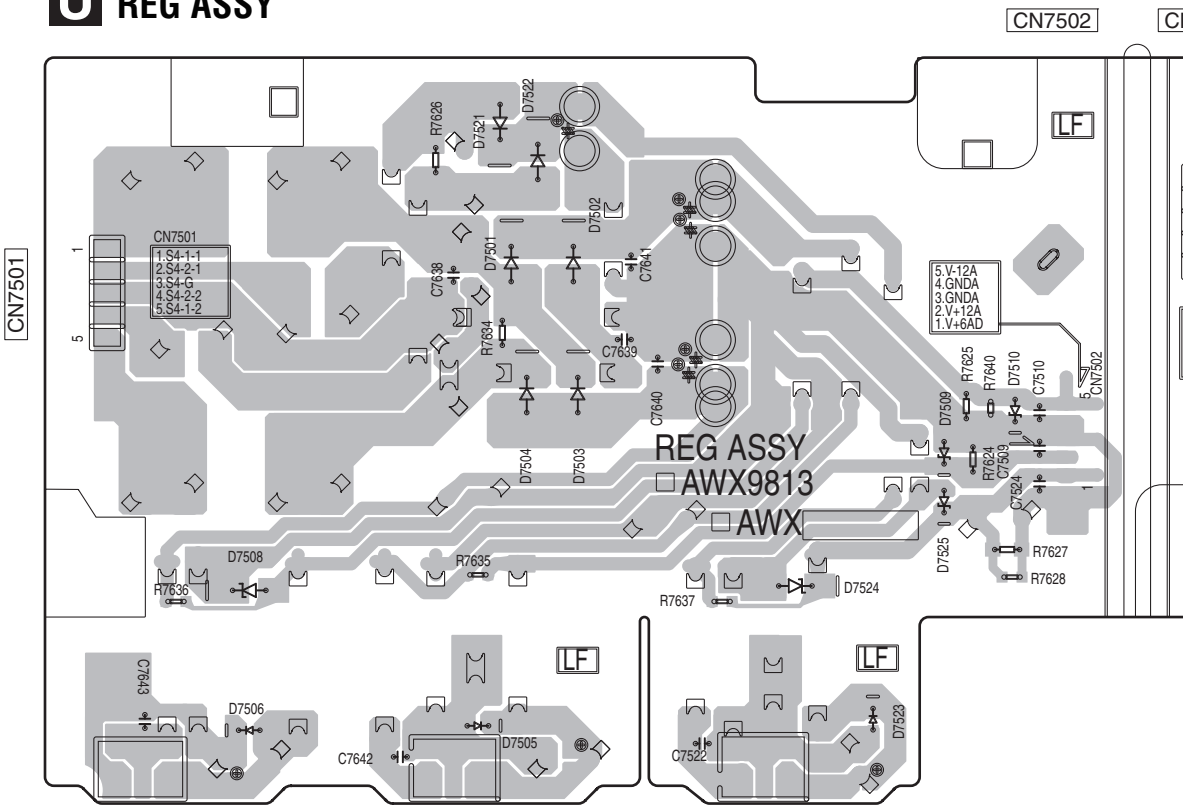
C

D

E

F

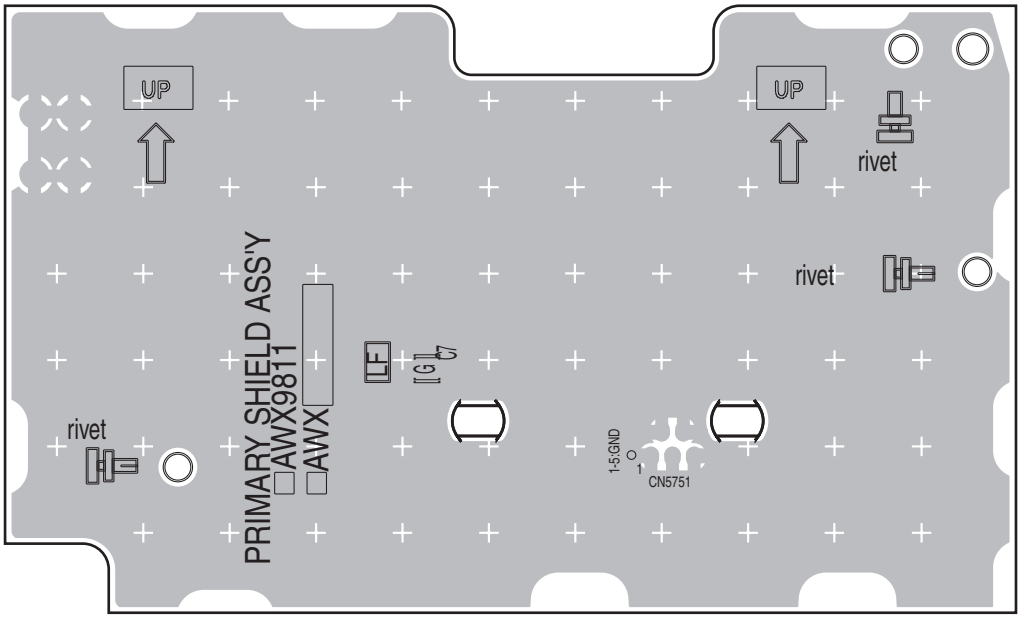
U REG ASSY



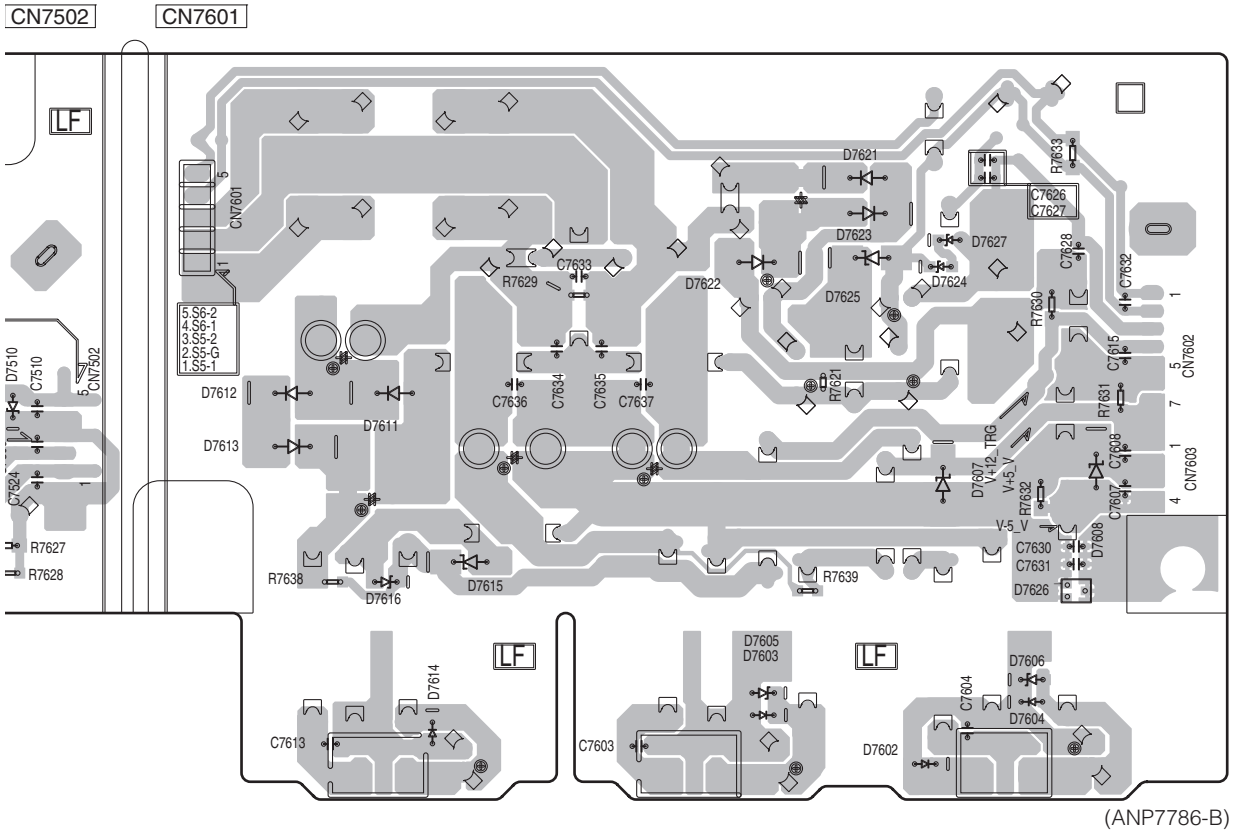
U

SIDE B

T PRIMARY SHIELD ASSY



(ANP7785-A)



(ANP7786-B)

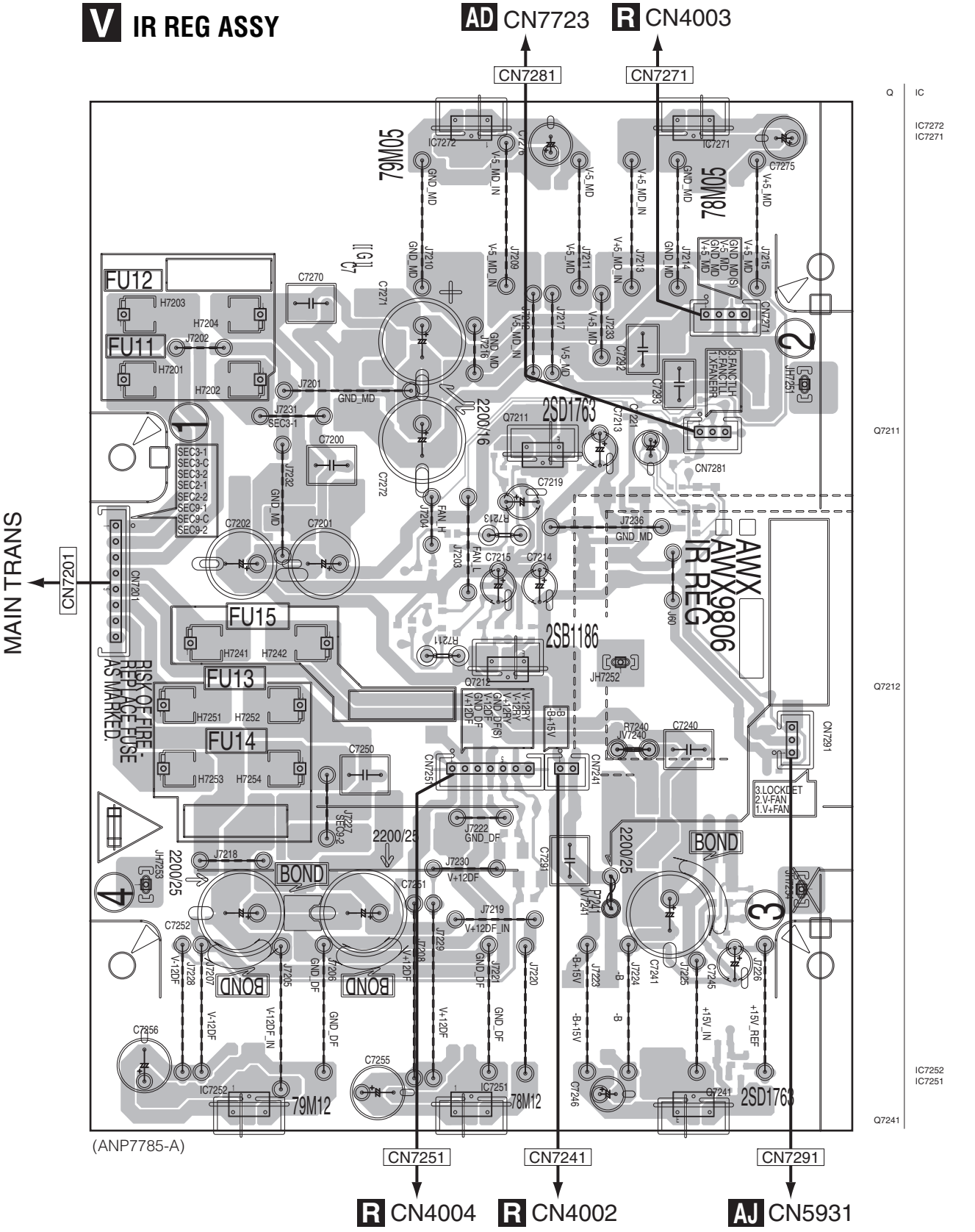
T U

11.15 IR REG ASSY

SIDE A

SIDE A

V IR REG ASSY



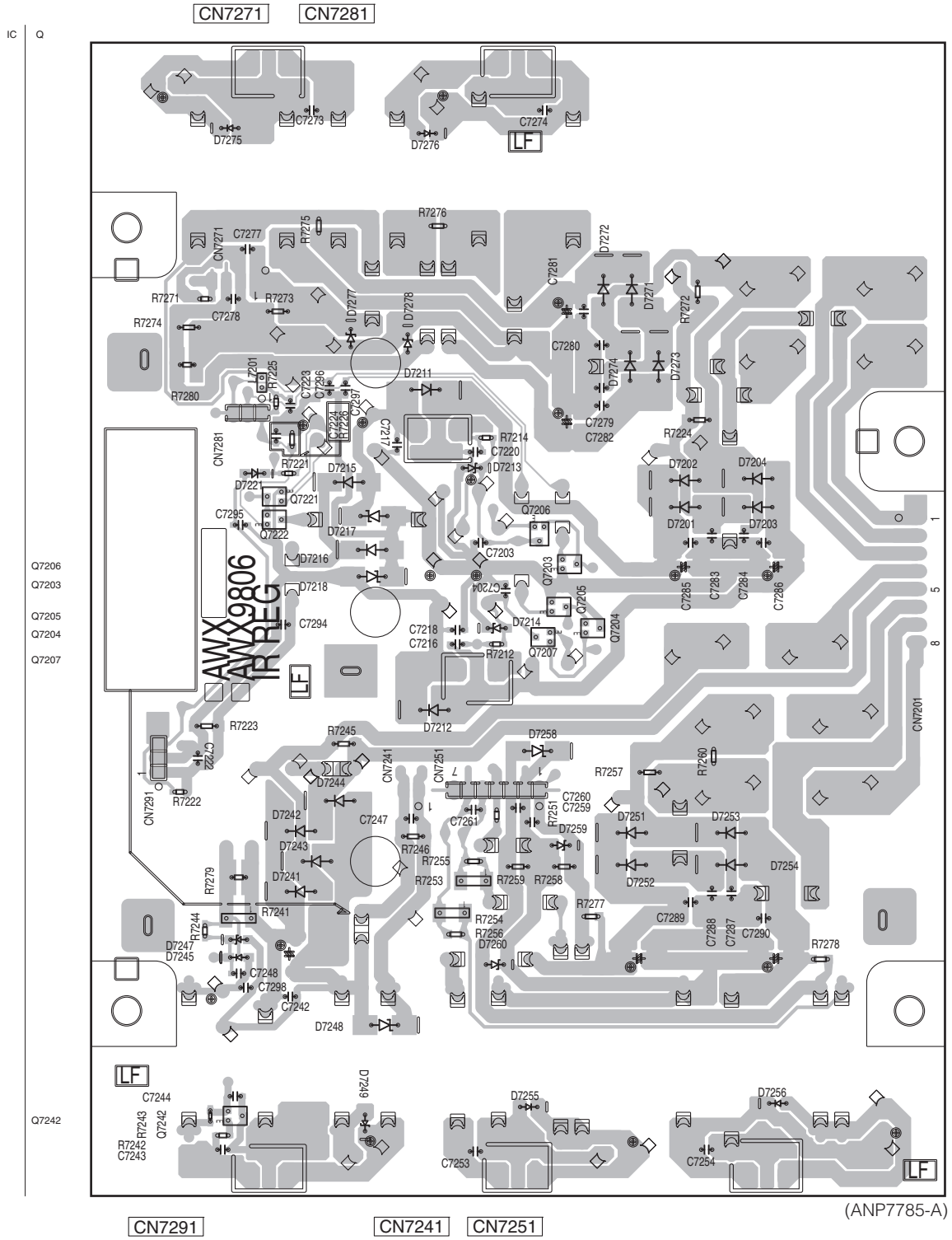
V

V

SIDE B

SIDE B

V IR REG ASSY

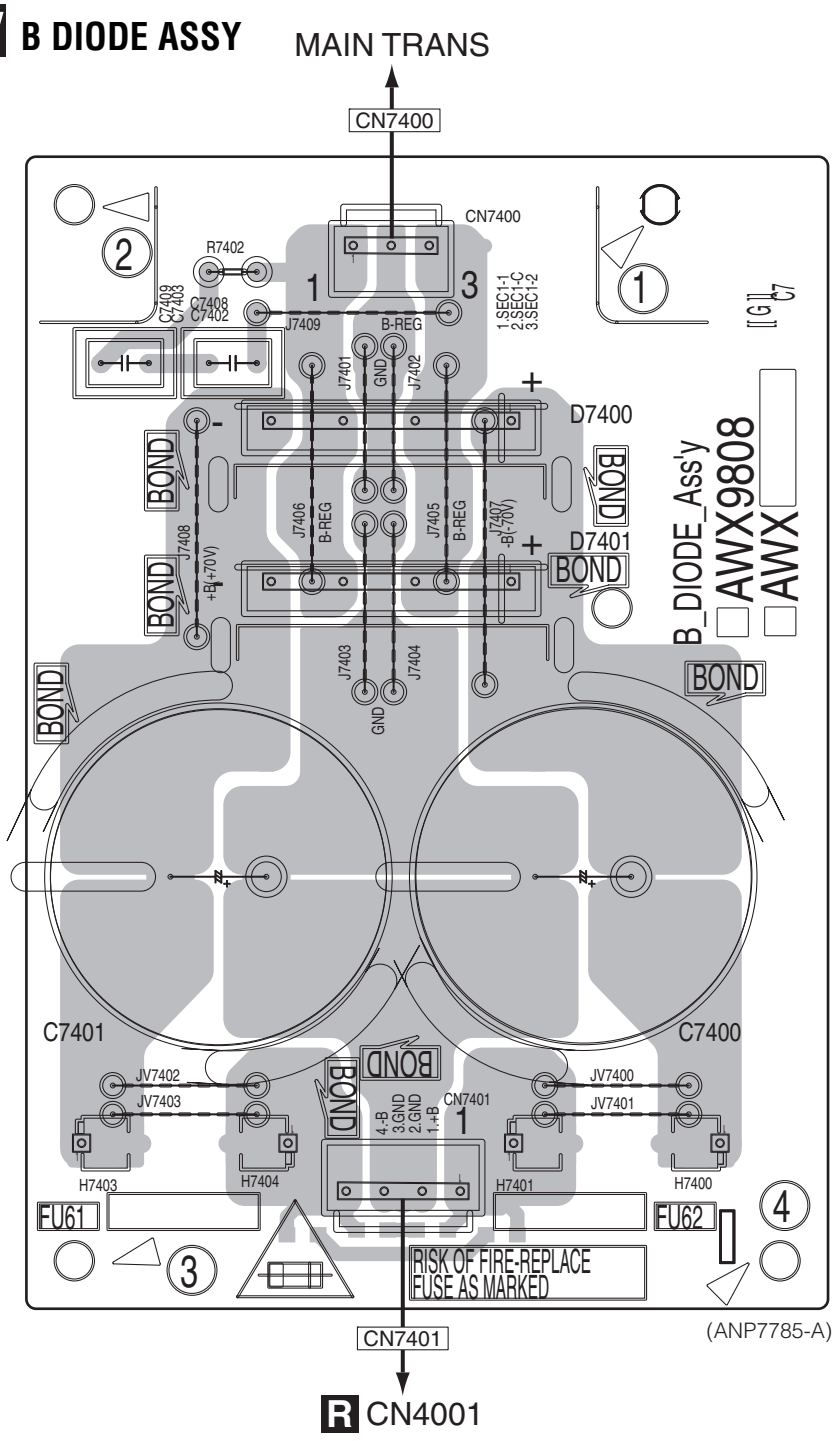


11.16 B DIODE ASSY

SIDE A

SIDE A

W B DIODE ASSY



SIDE B

SIDE B

A

B

C

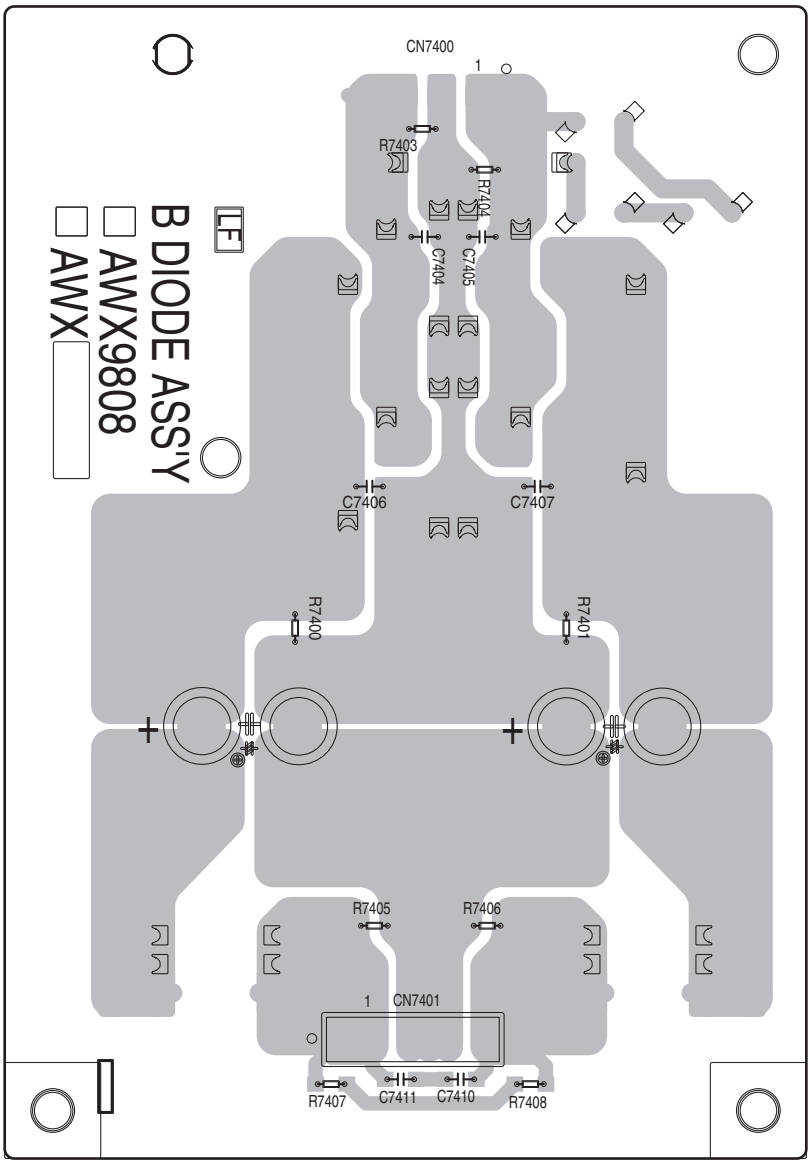
D

E

F

W B DIODE ASSY

CN7400



(ANP7785-A)

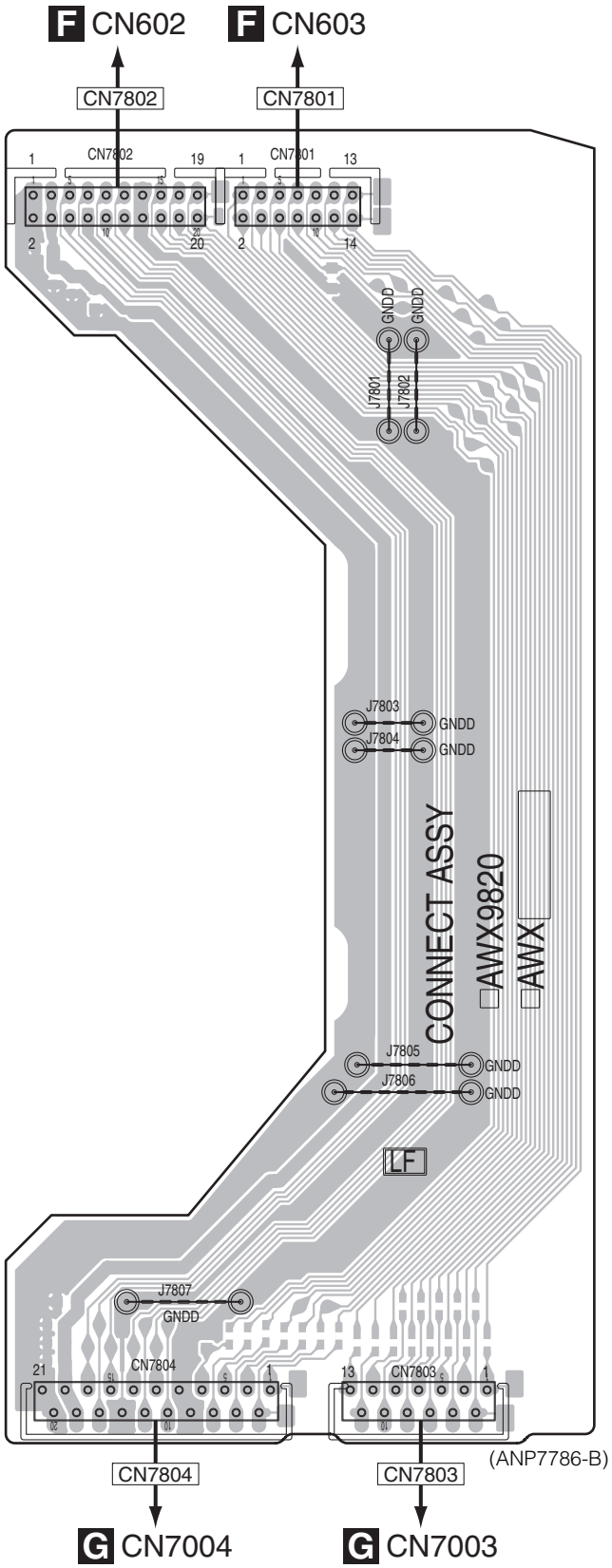
CN7401

11.17 CONNECT ASSY

SIDE A

SIDE A

X CONNECT ASSY

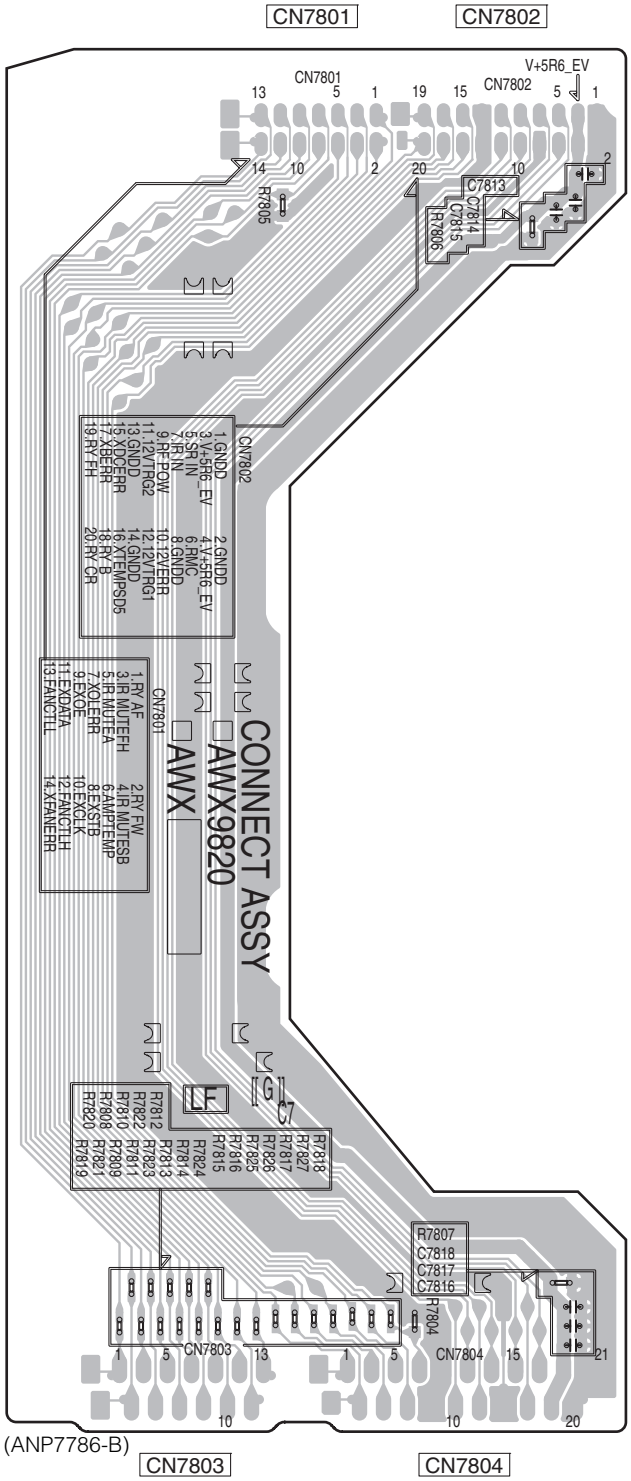


X

X

SIDE B

X CONNECT ASSY

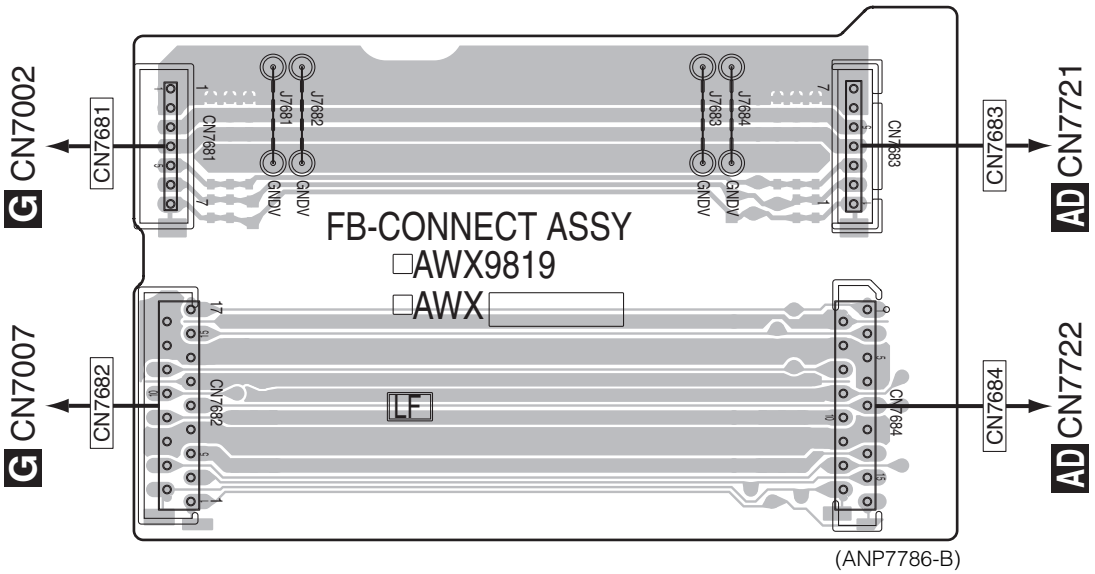


11.18 FB-CONNECT and PRE BRIDGE ASSYS

SIDE A

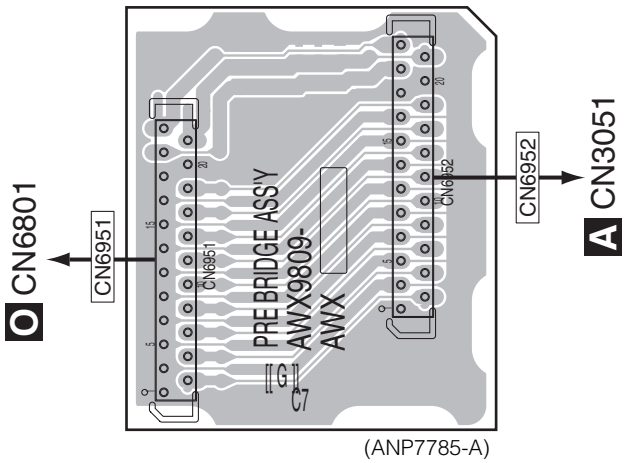
SIDE A

Y FB-CONNECT ASSY



(ANP7786-B)

Z PRE BRIDGE ASSY



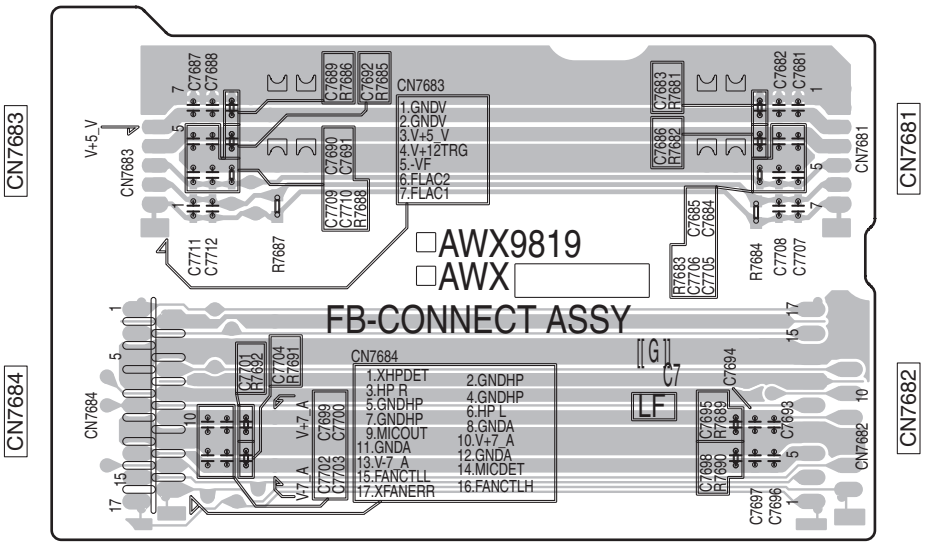
(ANP7785-A)

Y Z

Y Z

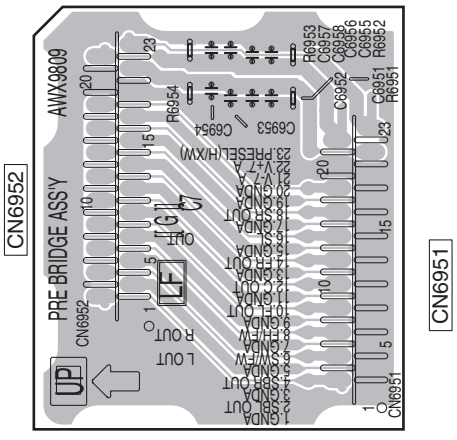
SIDE B

Y FB-CONNECT ASSY



(ANP7786-B)

Z PRE BRIDGE ASSY

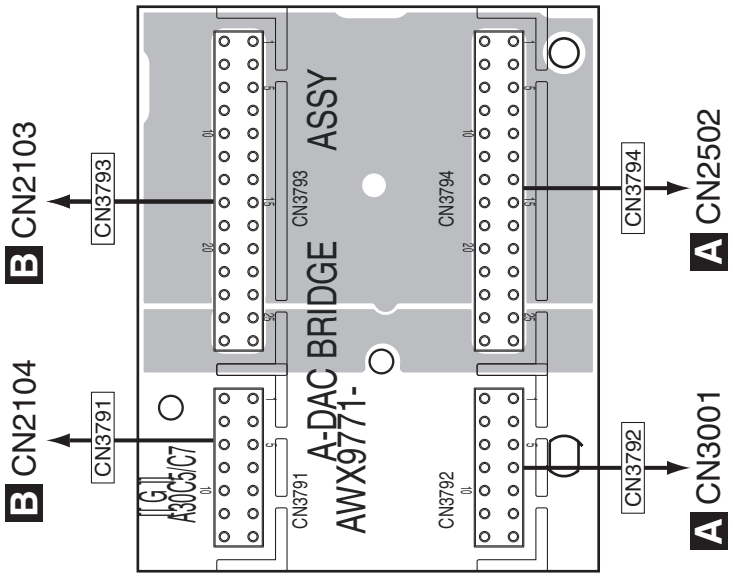


(ANP7785-A)

11.19 A-DAC/D-AUDIO/D-DAC/FRONT BRIDGE ASSYS

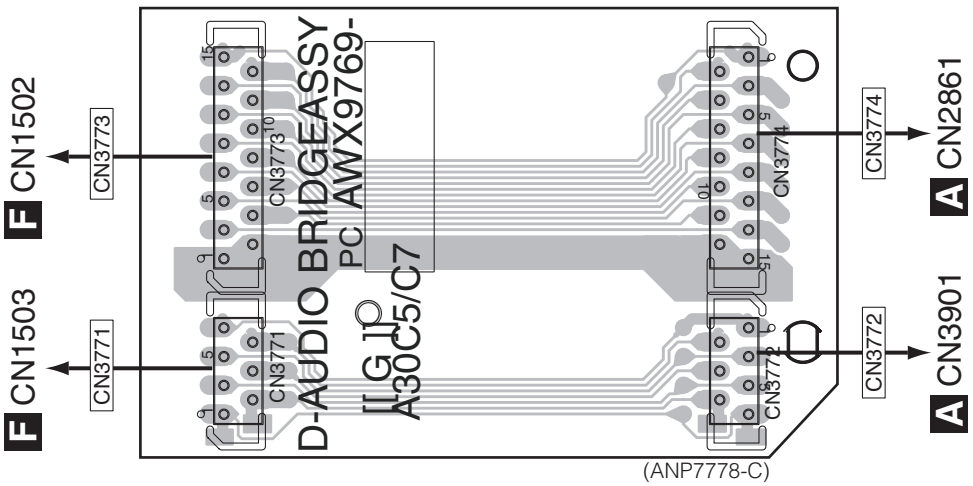
SIDE A

AA A-DAC BRIDGE ASSY



(ANP7778-C)

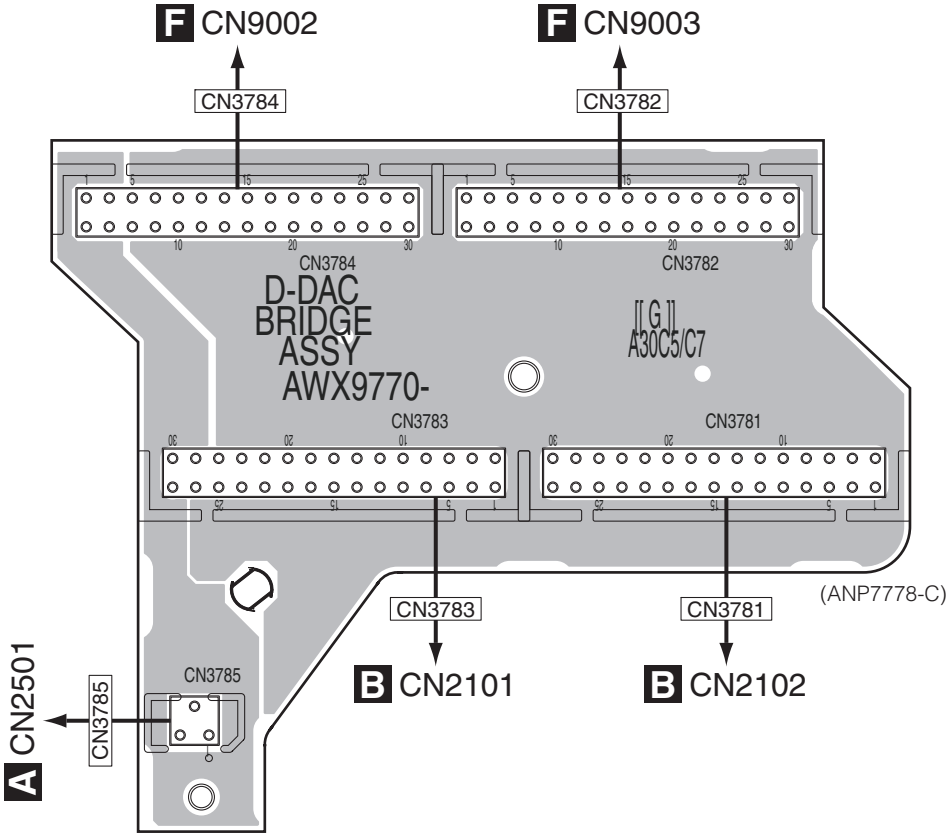
AB D-AUDIO BRIDGE ASSY



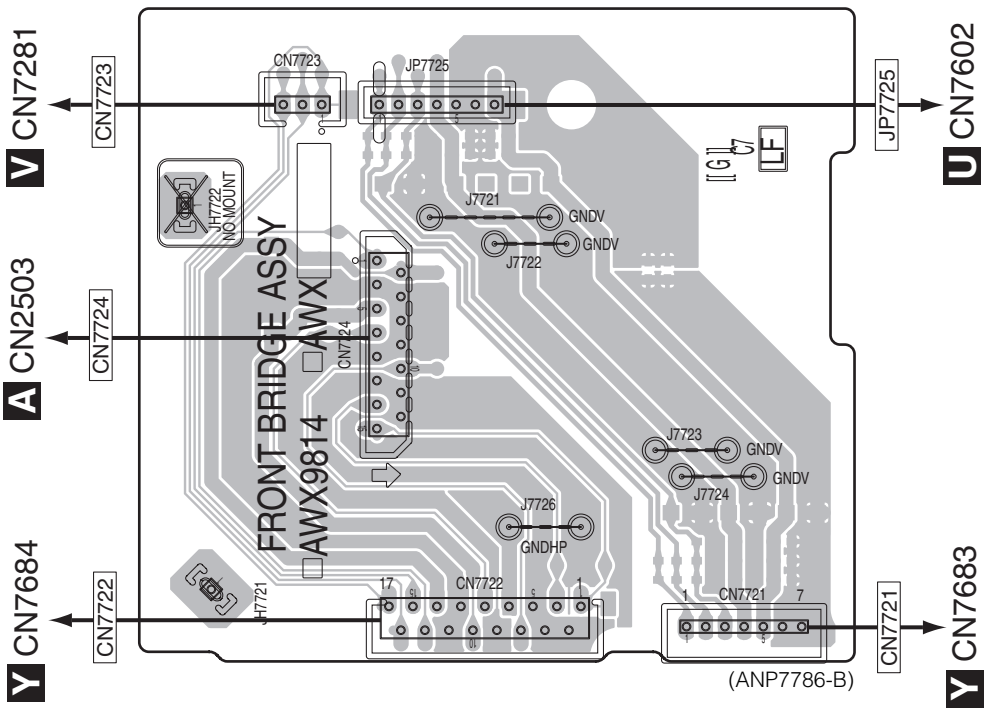
(ANP7778-C)

AA AB

AC D-DAC BRIDGE ASSY



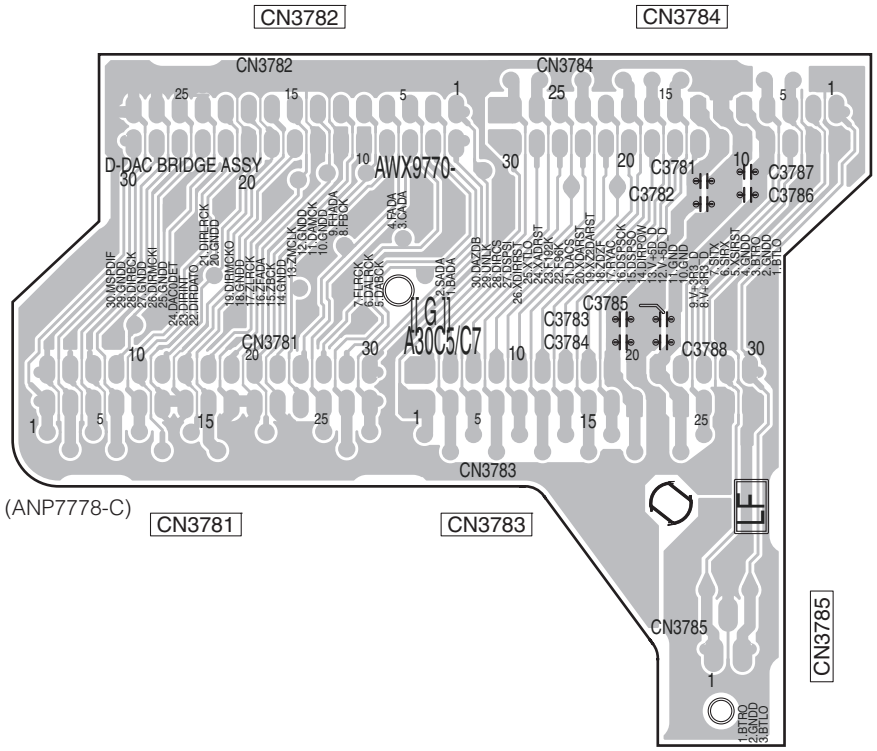
AD FRONT BRIDGE ASSY



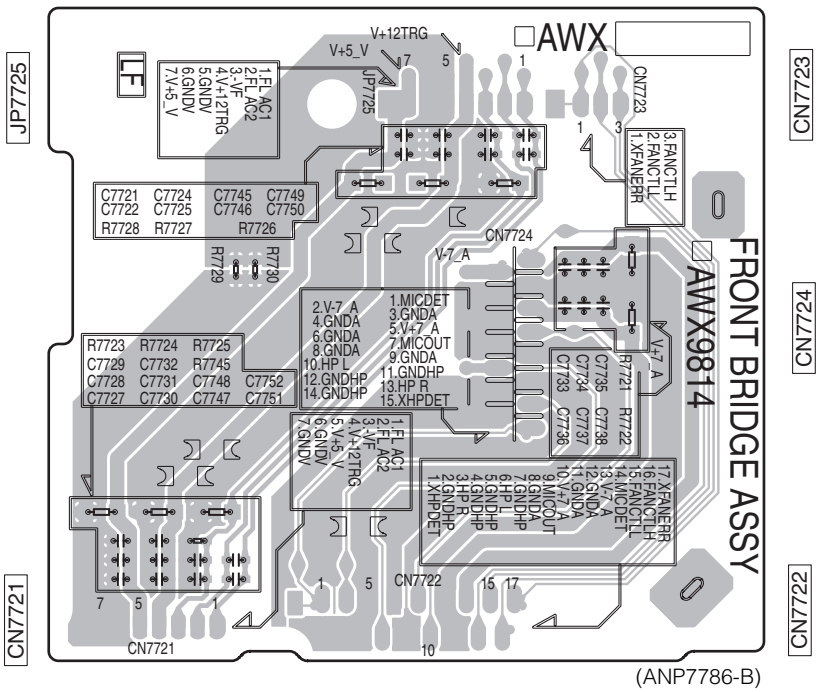
AC AD

SIDE B

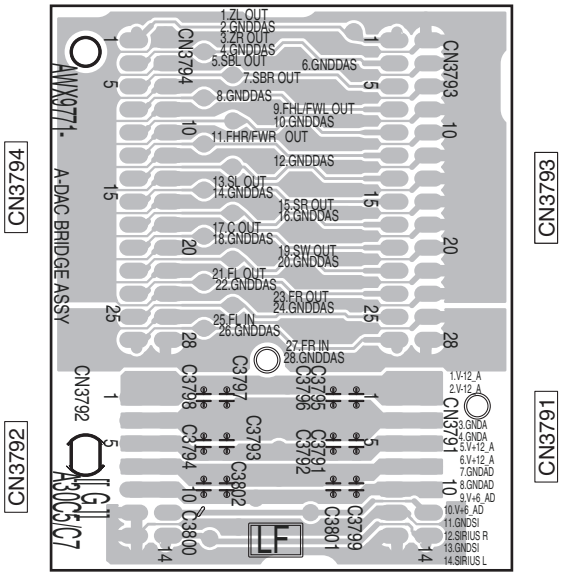
AC D-DAC BRIDGE ASSY



AD FRONT BRIDGE ASSY

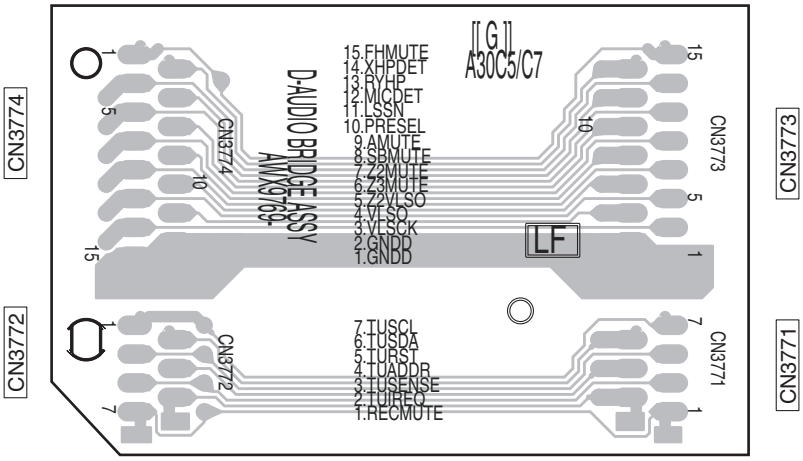


AA A-DAC BRIDGE ASSY



(ANP7778-C)

AB D-AUDIO BRIDGE ASSY

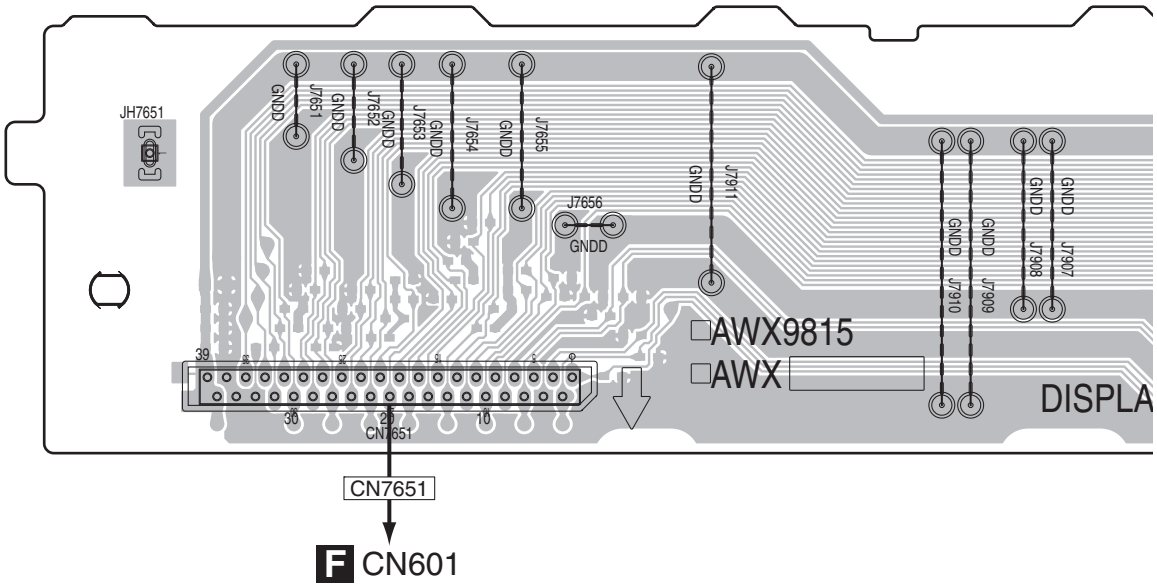


(ANP7778-C)

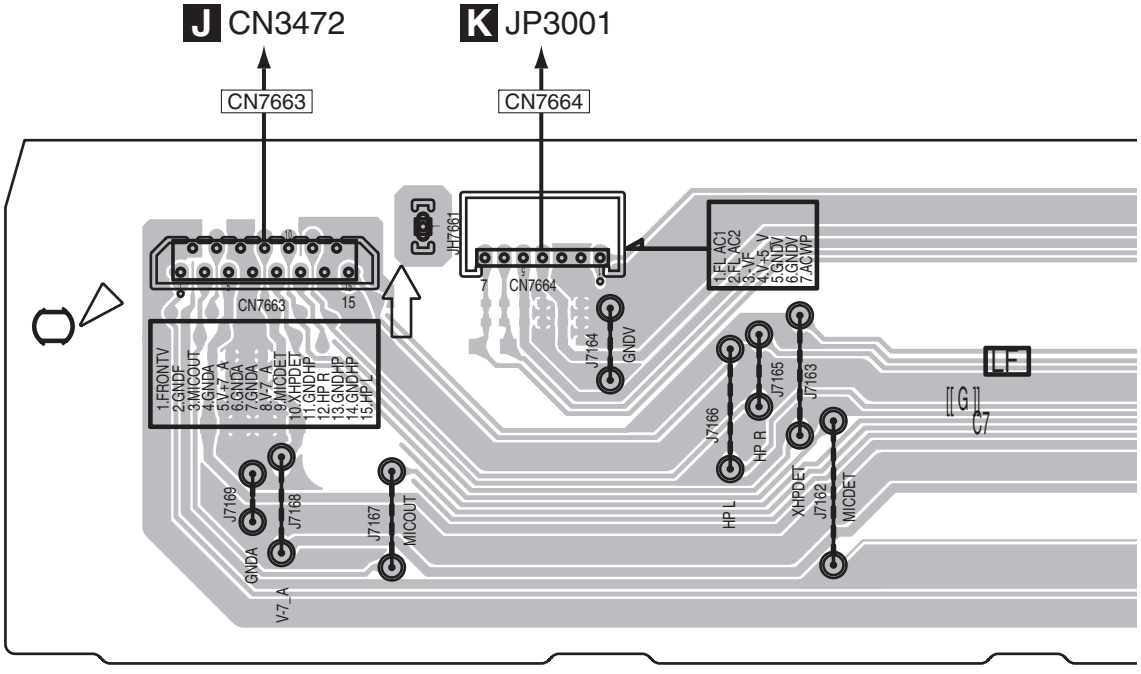
11.20 DISPLAY BRIDGE and F-IN BRIDGE ASSYS

SIDE A

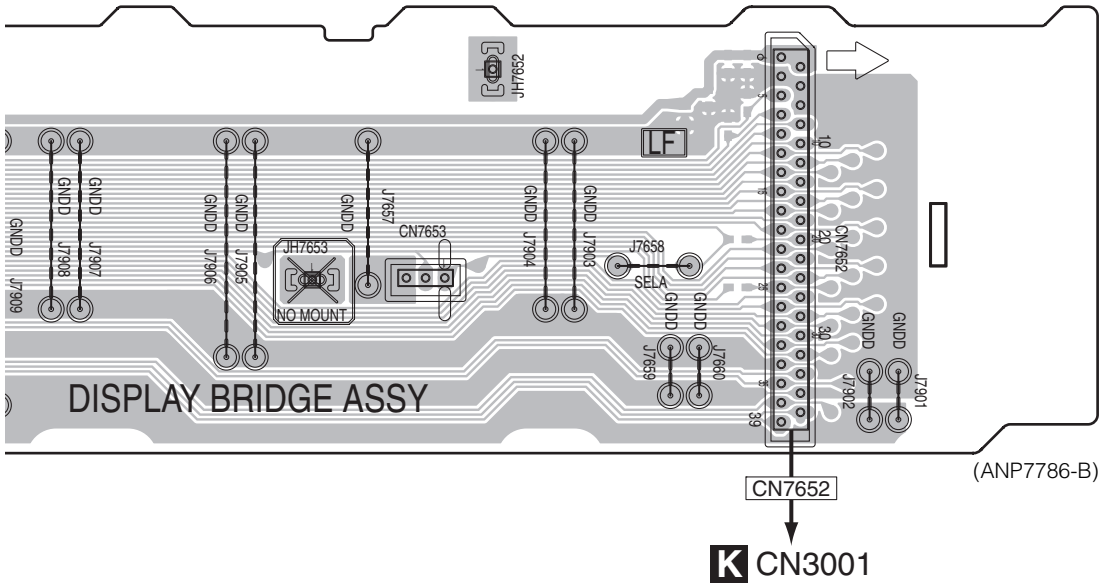
AE DISPLAY BRIDGE ASSY

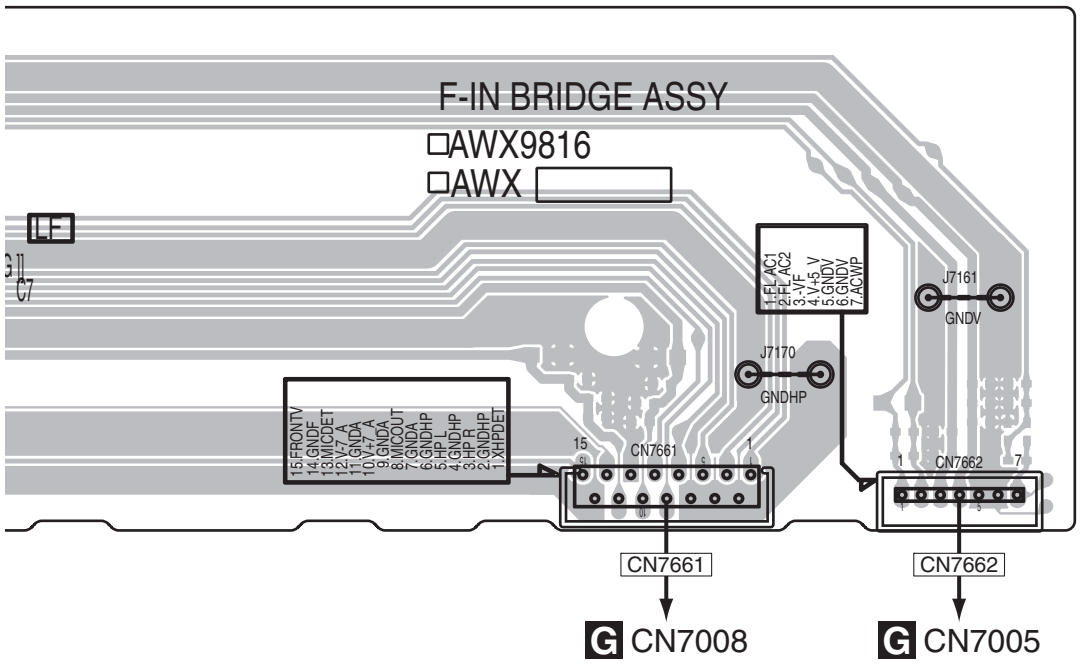


AF F-IN BRIDGE ASSY



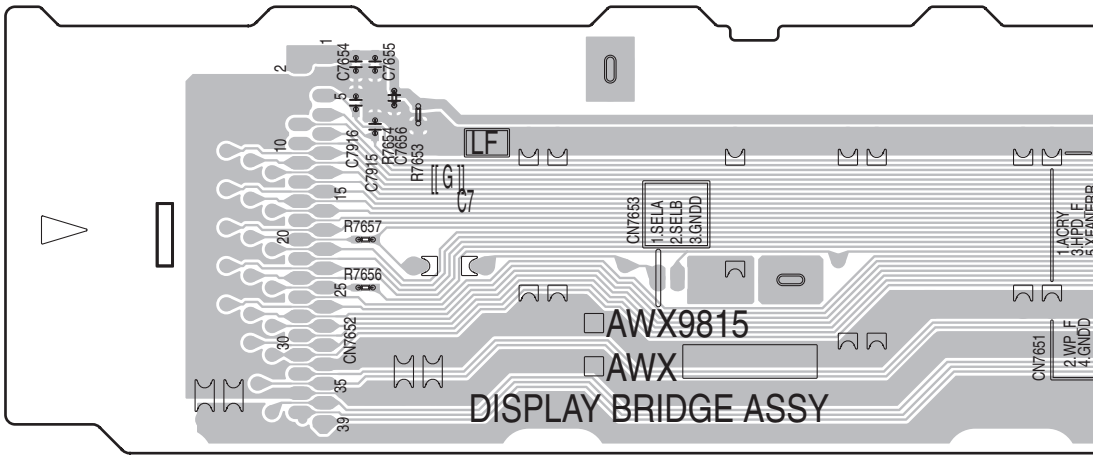
(ANP7786-B)


JH7652
LF
GNDD
J7908
J7907
J7906
J7905
J7767
CN7653
JH7653
NO MOUNT
J7658
SELA
J7659
J7660
J7904
J7903
CN7652
J7902
J7901
DISPLAY BRIDGE ASSY
(ANP7786-B)
CN7652
K CN3001


F-IN BRIDGE ASSY
AWX9816
AWX
LF
1.FL AC1
2.FL AC2
3.-VF
4.V-5 -V
5.GNDV
6.GNDV
7.ACWP
J7161
GNDV
J7170
GNDHP
15.FRONTV
14.GNDF
13.MICDET
12.V-7 A
11.GNDA
10.V+7 A
9.GNDA
8.MICOUT
7.GNDA
6.GNDHP
5.HP L
4.GNDHP
3.HP R
2.GNDHP
1.XHPDET
CN7661
CN7662
CN7661
CN7662
G CN7008
G CN7005

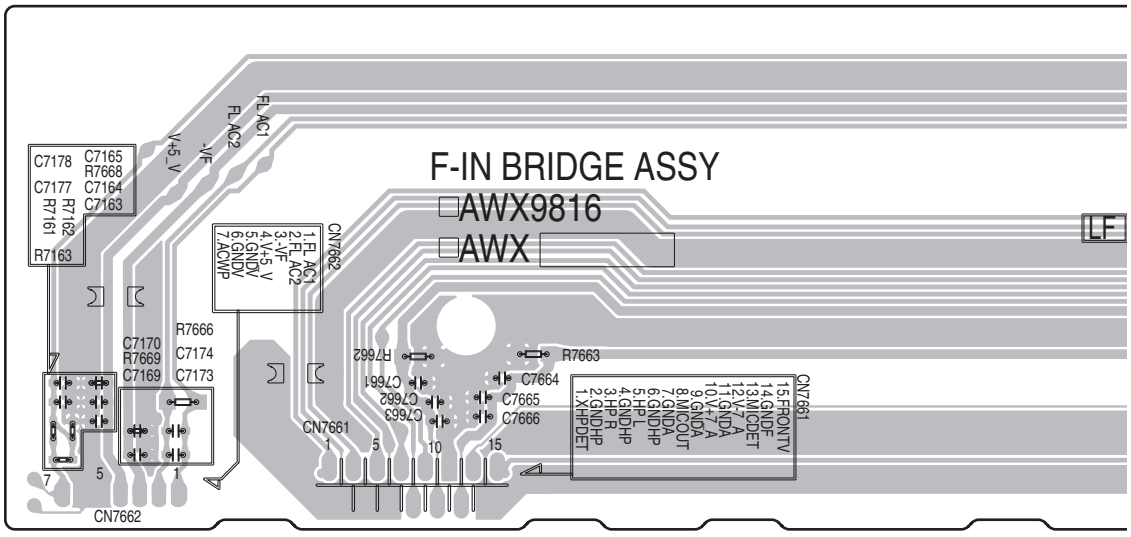
SIDE B

AE DISPLAY BRIDGE ASSY



CN7652

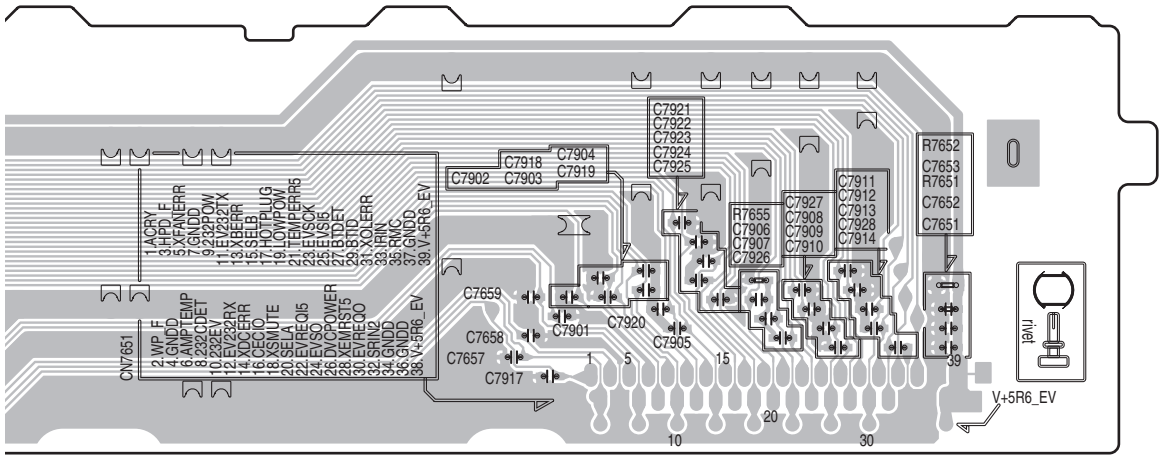
AF F-IN BRIDGE ASSY



CN7662 CN7661

AE AF

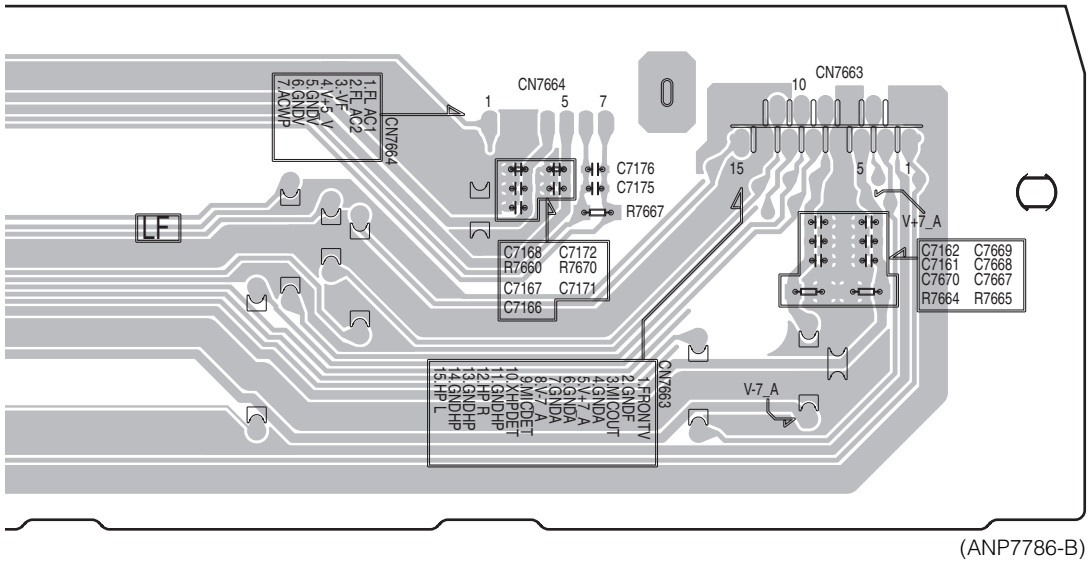
SIDE B



(ANP7786-B)

CN7651

CN7664 CN7663

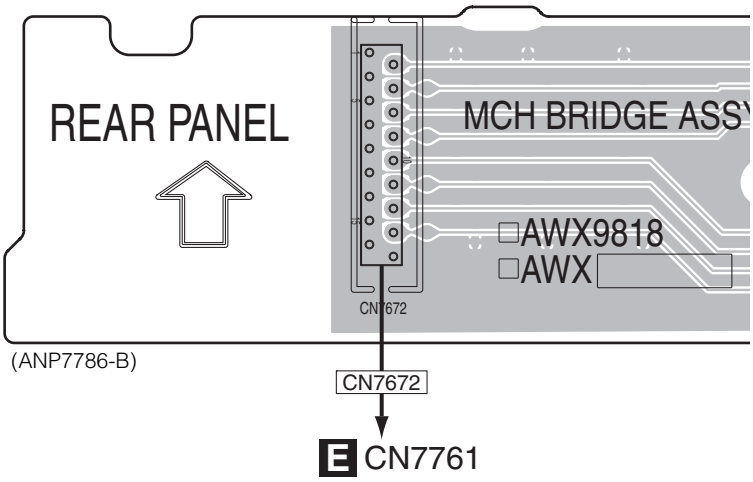


(ANP7786-B)

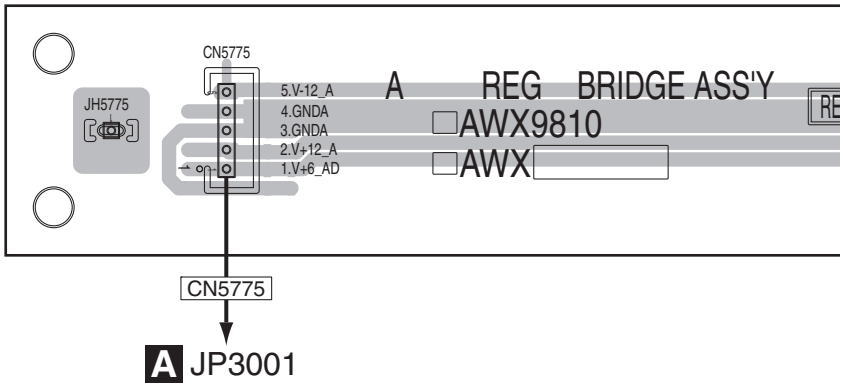
11.21 MCH BRIDGE, A REG BRIDGE and MIC HP GUARD ASSYS

SIDE A

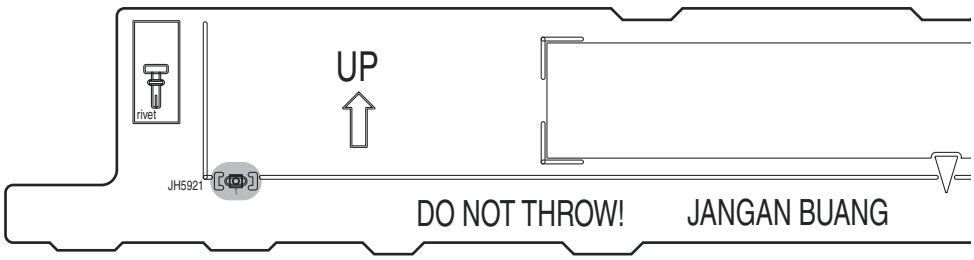
AG MCH BRIDGE ASSY



AH A REG BRIDGE ASS'Y

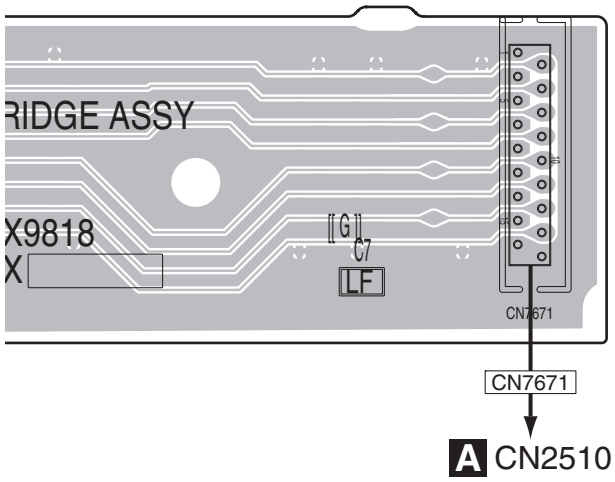


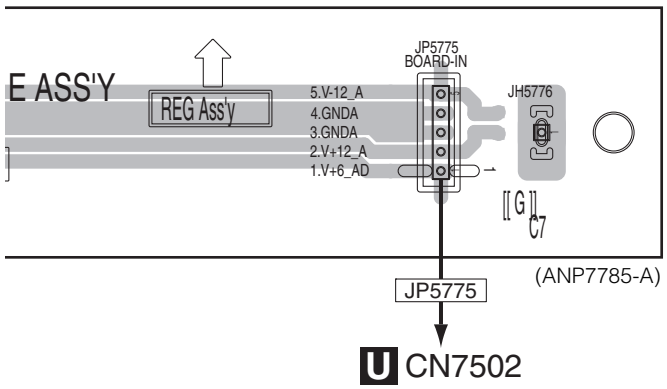
AI MIC HP GUARD ASSY

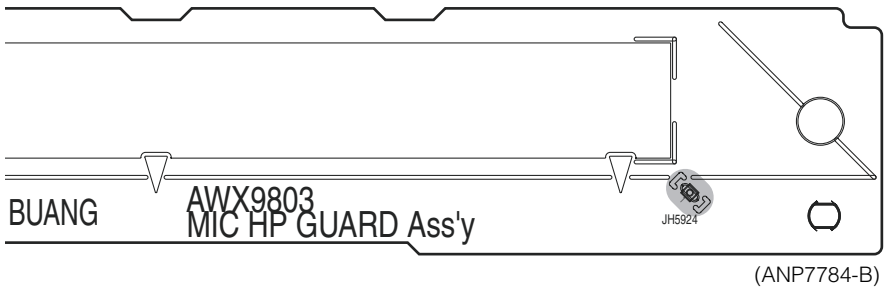


AG AH AI

SIDE A

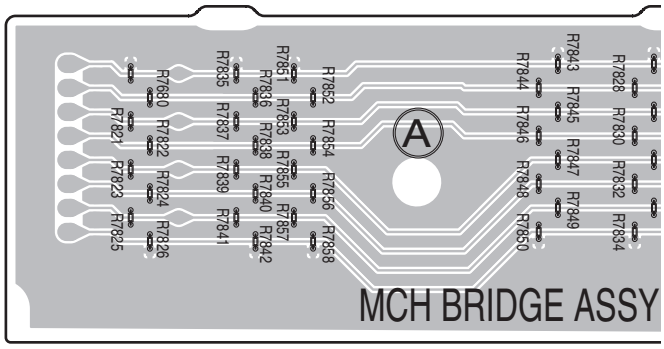

RIDGE ASSY
X9818
X
C7
LF
CN7671
CN7671
A CN2510


E ASS'Y
REG Ass'y
JP5775
BOARD-IN
5.V-12_A
4.GNDA
3.GNDA
2.V+12_A
1.V+6_AD
JH5776
C7
(ANP7785-A)
JP5775
U CN7502


BUANG
AWX9803
MIC HP GUARD Ass'y
JH5924
(ANP7784-B)

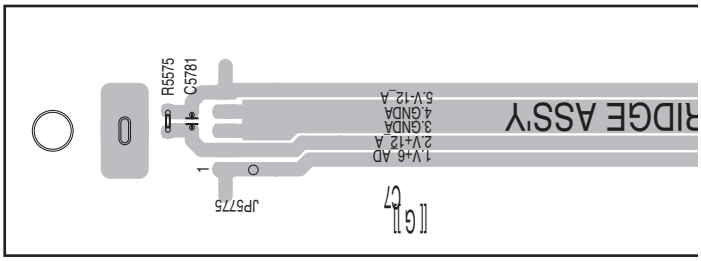
SIDE B

AG MCH BRIDGE ASSY



CN7671

AH A REG BRIDGE ASS'Y



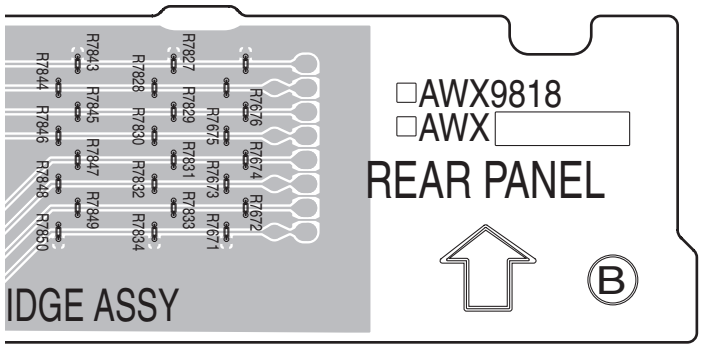
JP5775

AI MIC HP GUARD ASSY



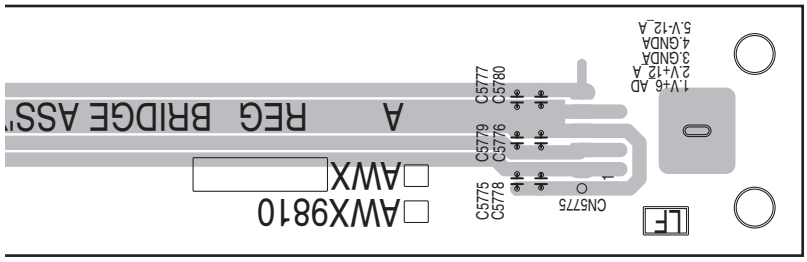
AG AH AI

SIDE B



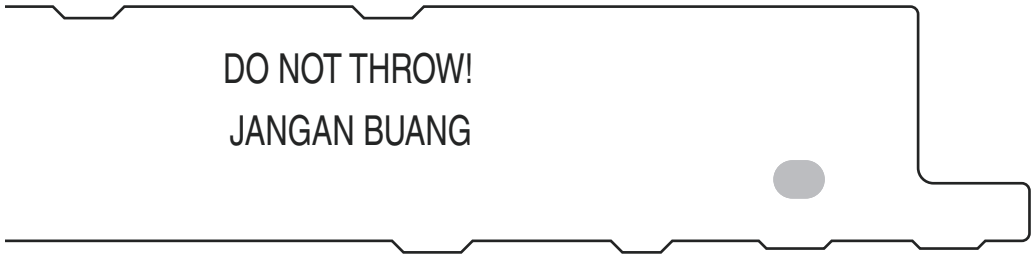
CN7672

(ANP7786-B)



(ANP7785-A)

CN5775



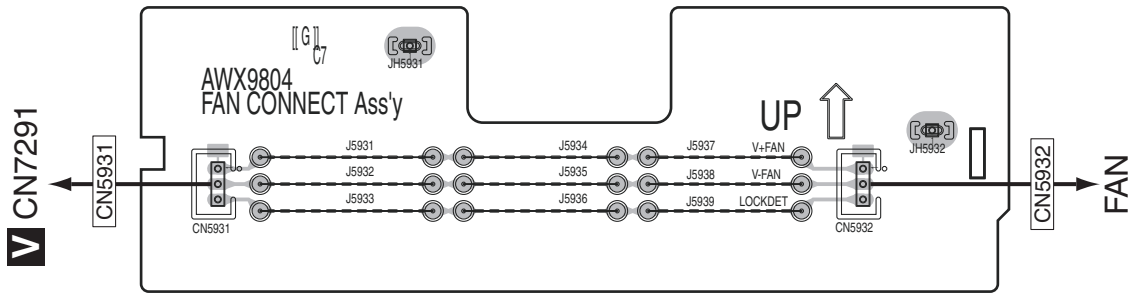
(ANP7784-B)

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

SIDE A

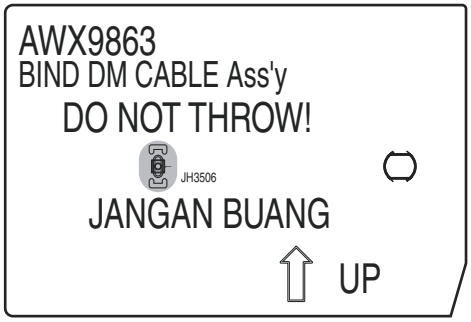
SIDE A

AJ FAN CONNECT ASSY



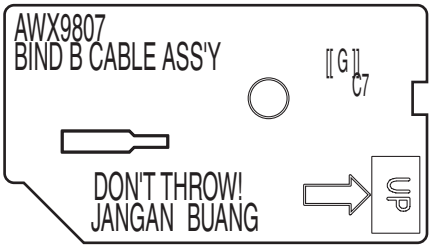
(ANP7784-B)

AK BIND DM CABLE ASSY



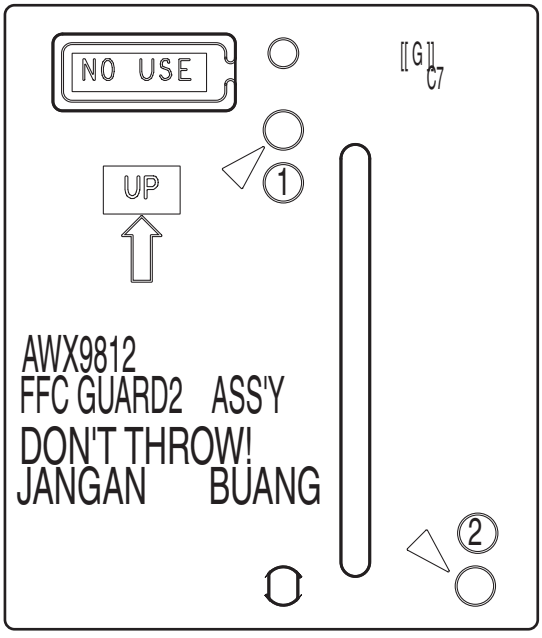
(ANP7784-B)

AL BIND B CABLE ASSY



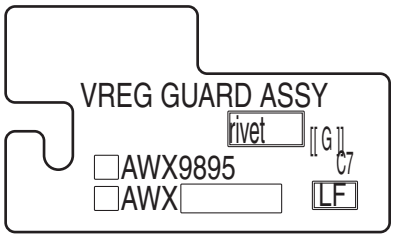
(ANP7785-A)

AM FFC GUARD2 ASSY



(ANP7785-A)

AN VREG GUARD ASSY



(ANP7786-B)

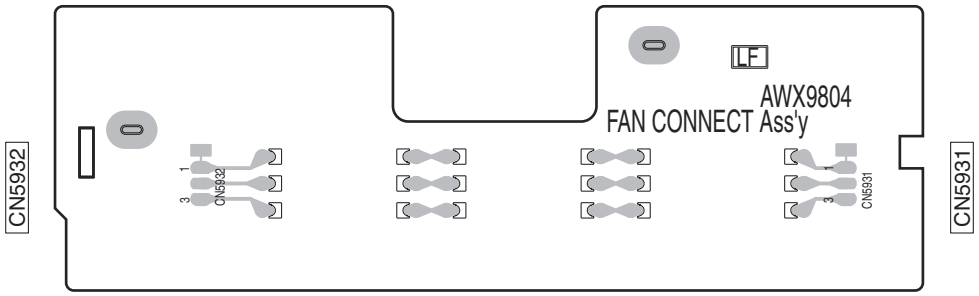
AJ AK AL AM AN

AJ AK AL AM AN

SIDE B

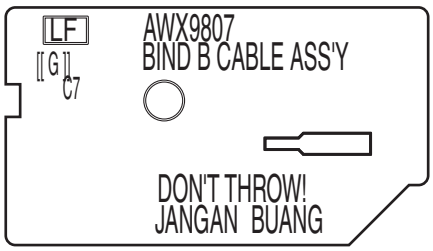
SIDE B

AJ FAN CONNECT ASSY



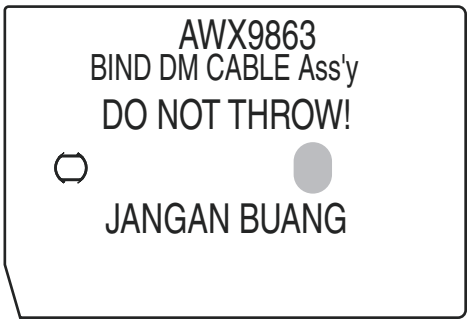
(ANP7784-B)

AL BIND B CABLE ASSY



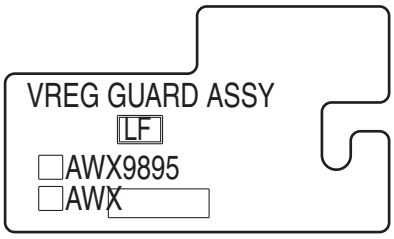
(ANP7785-A)

AK BIND DM CABLE ASSY



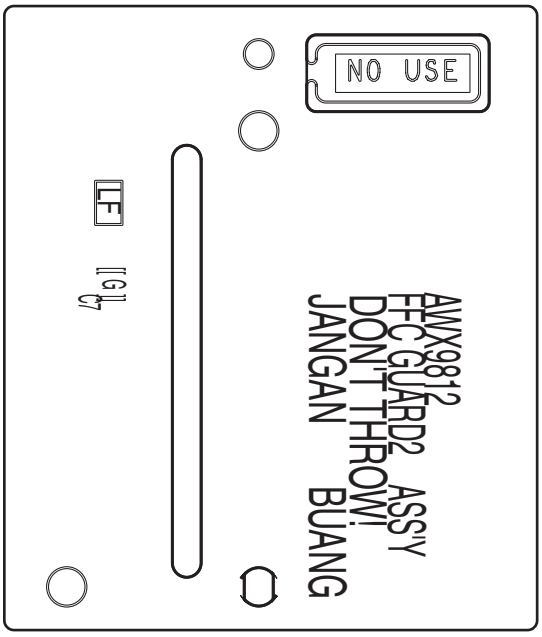
(ANP7784-B)

AN VREG GUARD ASSY



(ANP7786-B)

AM FFC GUARD2 ASSY



(ANP7785-A)

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 ⚠ 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 → 56 × 10^1 → 561 ..... RD1/4PU 5 6 1 J

47 kΩ → 47 × 10^3 → 473 ..... RD1/4PU 4 7 3 J

0.5 Ω → R50 ..... RN2H R 5 0 K

1 Ω → 1R0 ..... RS1P 1 R 0 K

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

5.62 kΩ → 562 × 10^1 → 5621 ..... RN1/4PC 5 6 2 1 F

LIST OF ASSEMBLIES

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

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

A AUDIO ASSY

SEMICONDUCTORS

Mark	No.	Description	Part No.
	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

Mark	No.	Description	Part No.
	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
	JP	3001 HOUSING	ADX7745

RESISTORS

Mark	No.	Description	Part No.
	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

Mark	No.	Description	Part No.
	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	CKSRYB822K50
	C	2673-2676	CCSRCH122J50
	C	2677,2678,2707,2708	CEAK100M50
	C	2679,2680,3903,3906	CEAK101M16
	C	2683,2699,2803,2804	CKSRYB103K50
	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	CEAT1R0M50
	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	CKSRYB104K50
	C	2908,3025,3026	CEAK100M50
	C	2981,2983,3007,3008	CKSRYB103K50
	C	3001,3002	CEAK2R2M50
	C	3011,3012,3909	CCSRCH331J50
	C	3021,3904,3907,3947	CKSRYB103K50

Mark	No.	Description	Part No.
	C	3053,3054	ACH1480
	C	3074,3076,3077,3192	CCSRCH471J50
	C	3078,3191,3291,3905	CKSRYB104K50
	C	3103,3104,3153,3154	CFHXSQ103J16
	C	3105,3106,3155,3205	CEAK220M50
	C	3203,3204,3221,3222	CFHXSQ103J16
	C	3206,3255,3256,3275	CEAK220M50
	C	3253,3254,3273,3274	CFHXSQ103J16
	C	3276,3926,3927	CEAK220M50
	C	3292,3935,3948	CCSRCH471J50
	C	3901	CCSRCH270J50
	C	3908,3911-3913	CCSRCH100D50
	C	3915-3917,3919-3921	CCSRCH100D50
	C	3918,3934	CKSRYB104K50
	C	3928,3929	CFHXSQ103J16
	C	3946	CCSRCH100D50
	C	3951	CCSRCH101J50
	C	3952-3954	CEAK100M50

B DAC HIGH ASSY

SEMICONDUCTORS

Mark	No.	Description	Part No.
	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	2130	1SS302
	D	2201-2203	1SS352
	D	2431,2432	1SS301
	D	2433,2434	1SS300

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
	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

Mark	No.	Description	Part No.
	R	2007-2010,2012,2016	RS1/16SS101J
	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
	R	2022,2263,2472	RS1/16SS221J
	R	2026,2470	RS1/16SS471J
	R	2028	RS1/16SS1002F
	R	2048,2084,2085,2087	RS1/16SS470J
	R	2049,2053,2086,2088	RS1/16SS101J
	R	2064-2067,2094,2095	RS1/16SS100J
	R	2089,2115,2119,2238	RS1/16SS101J
	R	2121,2125,2126,2431	RS1/16SS100J
	R	2200-2203,2227,2228	RS1/16SS0R0J
	R	2222	RS1/16SS183J
	R	2230,2234,2235,2239	RS1/16SS0R0J
	R	2240	RS1/16SS470J
	R	2285,2286,2289-2291	RS1/16SS0R0J
	R	2432	RS1/16SS100J
	R	2433-2435,2437-2439	RS1/16SS101J
	R	2440,2446-2450	RS1/16SS0R0J
	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

CAPACITORS

Mark	No.	Description	Part No.
	C	2002,2005,2124,2126	CKSRYB103K50
	C	2003,2006,2009-2016	CKSRYB104K50
	C	2017,2030,2059,2089	CEAK221M16
	C	2018,2021,2024,2440	CEAK101M16
	C	2019,2029,2032,2046	CCSSCH331J50
	C	2020,2023,2028,2033	CKSSYB104K16
	C	2022,2054	CCSSCH101J50
	C	2025,2295,2490-2499	CCSRCH100D50
	C	2026,2065,2066	CKSRYB474K16
	C	2034,2041,2074,2075	CCSRCH102J50
	C	2042-2045,2076,2078	CCSRCH331J50
	C	2047,2056,2106,2176	CKSSYB104K16
	C	2048,2049,2080,2081	CFHXSQ103J16
	C	2055	CEAK102M16
	C	2057	CKSSYB103K25
	C	2058,2193	CKSQYB225K10
	C	2070,2071,2086,2087	CFHXSQ472J16
	C	2073,2105,2122,2131	CKSRYB104K50
	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	CKSRYB103K50
	C	2132,2135,2136,2139	CKSRYB104K50

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.

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
	KN	8001,8101	EARTH TERMINAL AKF7002
	CN	8004	5P CONNECTOR VKN1374
	CN	8101	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

D USB RECT ASSY

SEMICONDUCTORS

Mark	No.	Description	Part No.
⚠	D	3651	D5SBA60(B)

MISCELLANEOUS

Mark	No.	Description	Part No.
	H	3651,3652 FUSE CLIP	AKR1004
	KN	3651 EARTH TERMINAL	AKF7002
	CN	3651 3P TOP POST	B3B-EH
	CN	3652 2P TOP POST	B2B-EH
	JH	3651,3652 PCB BINDER	VEF1040

RESISTORS

Mark	No.	Description	Part No.
	R	3652	RS1/4SA105J
		Other Resistors	RS1/8SQ###J

CAPACITORS

Mark	No.	Description	Part No.
	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

Mark	No.	Description	Part No.
	JA	7761,7762 PIN JACK(4P)	AKB7218
	KN	7761 SCREW PLATE	VNE1948
	CN	7761 18P SOCKET	AKP7123
	CN	7762 5P SOCKET	XKP3073

RESISTORS

Mark	No.	Description	Part No.
		All Resistors	RS1/10SR###J

CAPACITORS

Mark	No.	Description	Part No.
	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

Mark	No.	Description	Part No.
	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
	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	TC74VCX541FK
	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

Mark	No.	Description	Part No.
MISCELLANEOUS			
L	103	INDUCTOR	LCTC150K2125
L	105,601-606	CHIP BEADS	VTL1129
L	607	CHIP BEADS	VTL1132
L	901,905,906,918	CHIP BEADS	ATL7010
L	902-904,907,913	CHIP BEADS	VTL1129
L	917,919,1201,1202	CHIP BEADS	VTL1129
L	921	INDUCTOR	CTF1547
L	922,1210,1607,1608	CHIP BEADS	ATL7010
L	1204-1209,1211-1216	CHIP BEADS	VTL1129
L	1220,1503,1601,1602	CHIP BEADS	VTL1129
L	1501	FILTER	CTF1703
L	1502,1504	CHIP BEADS	VTL1134
L	1604-1606,1620,1802	CHIP BEADS	VTL1129
L	1609-1616	COIL	ATH7064
L	1617	CHIP BEADS	VTL1126
L	1618,1619	FERRITE BEAD	CTF1528
L	1722-1724	INDUCTOR	ATL7033
L	1725-1727	INDUCTOR	ATL7035
L	1728	INDUCTOR	LCTC100K2125
L	1729-1731	INDUCTOR	LCTC4R7K2125
L	1803,1806,1808-1811	CHIP BEADS	VTL1129
L	1805	INDUCTOR	CTF1786
L	1814-1818,9001,9005	CHIP BEADS	VTL1129
L	9002,9003,9205,9206	CHIP BEADS	ATL7010
L	9004,9010,9703,9705	CHIP BEADS	VTL1128
L	9007,9201,9202,9204	CHIP BEADS	VTL1129
L	9207-9210,9212-9214	CHIP BEADS	VTL1129
L	9215,9216	COIL	ATH7082
L	9501,9502,9507,9510	CHIP BEADS	ATL7010
L	9503,9511-9513,9704	CHIP BEADS	VTL1129
L	9506	INDUCTOR	ATH7087
L	9509	INDUCTOR	ATH7086
L	9701,9702	CHIP BEADS	ATL7010
F	102,103,107,108	EMI FILTER	DTL1106
JA	901-907,1601,1602	HDMI JACK	AKP7268
JA	1501	CONNECTOR	CKS5712
JA	9201	USB CONNECTOR	DKB1106
JA	9202	RJ45 CONNECTOR	AKN7115
KN	601,602	SCREW PLATE	VNE1948
X	602,901	CRYSTAL	ASS7092
X	902	CRYSTAL	ASS7111
X	1201	CRYSTAL	ASS7114
X	1801	CRYSTAL OSCILLATOR	ASS7102
X	1802	CRYSTAL OSCILLATOR	ASS7101
X	9001	RESONATOR	CSS1795
CN	601	39P CONNECTOR	VKN2098
CN	602,1722,1723	20P SOCKET	AKP7249
CN	603	14P SOCKET	AKP7248
CN	1501	CONNECTOR	AKM1276
CN	1502	15P SOCKET	XKP3078
CN	1503	7P SOCKET	XKP3074
CN	9002,9003	SOCKET(30PL)	BKP1047
CN	9501	CONNECTOR	B7B-EH
JH	9501,9502	PCB BINDER	VEF1040
P	601	POLYSWITCH	NANOSMDC035F

Mark	No.	Description	Part No.
RESISTORS			
R	106,107,1205-1207		RAB4CQ221J
R	114,141		RS1/10SR43R0D
R	145,146		RS1/10SR1000D
R	150,165,407,408		RAB4CQ103J
R	193,1765		RS1/16SS4700F
R	198,200,293,294		RS1/16SS1001F
R	229,238,239,247		RAB4CQ473J
R	261,269,273,288		RAB4CQ473J
R	303,1060,1061,1515		RS1/10SR0R0J
R	409,424-426		RAB4CQ560J
R	415-420,431-434		RAB4CQ103J
R	435,436,441,442		RAB4CQ220J
R	448-450,455		RAB4CQ330J
R	460-462,467,1041		RAB4CQ330J
R	468-470,487,1279		RAB4CQ220J
R	478,1235,9227		RAB4CQ472J
R	608,609,998,1000		RAB4CQ0R0J
R	611-614,641,701		RAB4CQ101J
R	615,624,988,1228		RAB4CQ100J
R	680,956,1216,1217		RAB4CQ473J
R	957,1242-1245,1248		RAB4CQ470J
R	966,970,980,983		RAB4CQ680J
R	999,1025,1201,1204		RAB4CQ680J
R	1001,1336-1341		RAB4CQ0R0J
R	1032,1292		RS1/8SQ105J
R	1047-1049,1236,1250		RAB4CQ330J
R	1202,1208,1277,1284		RAB4CQ151J
R	1214,1215		RAB4CQ221J
R	1221,1222,1251-1256		RAB4CQ473J
R	1227,1229		RS1/10SR101J
R	1234,1238,1240,1261		RAB4CQ100J
R	1249,9006,9011,9012		RAB4CQ470J
R	1258-1260,1262,1270		RAB4CQ473J
R	1263		RAB4CQ100J
R	1264-1269,1275,9209		RAB4CQ330J
R	1271,1274,1278,1283		RAB4CQ473J
R	1287,1614-1617,1622		RAB4CQ473J
R	1288,1289,1291		RAB4CQ151J
R	1550,1755,1776,9523		RS1/10SR0R0J
R	1625,1633,1642,1645		RAB4CQ473J
R	1650,1651		RS1/16SS4701F
R	1742-1744,1749,1751		RS1/16SS2200F
R	1752,1754		RS1/16SS2200F
R	1753,1777,1778		RS1/16SS56R0F
R	1756-1758		RS1/16SS5601F
R	1767,1769,1771		RS1/16SS3300D
R	9007-9010,9715-9718		RAB4CQ220J
R	9016-9019,9021,9024		RAB4CQ470J
R	9026,9028,9029,9031		RAB4CQ470J
R	9040,9043,9048,9049		RAB4CQ470J
R	9050,9748		RAB4CQ101J
R	9211		RAB4CQ330J
R	9215,9216		RAB4CQ680J
R	9226,9232,9233,9236		RAB4CQ470J
R	9234,9235		RAB4CQ121J

Mark	No.	Description	Part No.
	R	9237,9240,9724,9725	RAB4CQ470J
	R	9254	RAB4CQ103J
	R	9264-9266,9268	RAB4CQ473J
A	R	9285	RS1/16SS1242F
	R	9290-9292,9294	RS1/16SS49R9F
	R	9312	RS1/16SS3001F
	R	9514,9515	RS1/8SQ475J
	R	9518	RS1/16SS82R0D
	R	9520	RS1/16SS7501D
	R	9522	RS1/16SS3301D
	R	9524,9526,9528-9530	RS1/10SR0R0J
	R	9531	RS1/16SS3302D
	R	9533	RS1/16SS2402D
	R	9534	RS1/16SS2401D
B	R	9536,9538-9540,9542	RS1/8SQ0R0J
	R	9543,9555,9564	RS1/8SQ0R0J
	R	9548	RS1/4SA105J
	R	9550,9551	RS1/10SR0R0J
	R	9719,9720,9726,9727	RAB4CQ750J
	R	9729,9733,9744	RAB4CQ470J
		Other Resistors	RS1/16SS###J
		CAPACITORS	
	C	104,107,108,115	CKSSYB104K16
C	C	105,109,111,113	DCH1246
	C	106,110,117,131	CCSSCH102J50
	C	112,126,199,424	DCH1201
	C	114,118,168,411	CKSSYB103K25
	C	116,119,120,122	CKSSYB104K16
	C	121,127,128,130	DCH1246
	C	123,166,194,430	CEVW101M4
	C	124,125,129,133	CKSSYB104K16
	C	132,141,151,171	CCSSCH102J50
	C	134,139,143,144	DCH1246
	C	135-138,145,146	CKSSYB104K16
D	C	140,995,1355	VCH1277
	C	142,147,175,423	CCSSCH331J50
	C	149,152-155,159	CKSSYB104K16
	C	150,623,636,659	CCSSCH101J50
	C	156	VCH1268
	C	157,158,167,169	DCH1246
	C	162,1031,9004,9537	VCH1234
	C	170,177,187,401	DCH1246
	C	172,178,184,185	CKSSYB104K16
	C	173,406,433,604	CCSSCH100D50
	C	174,176,190,402	CCSSCH102J50
E	C	186,1526,1527	CEVW100M16
	C	188,195,196,200	CKSSYB104K16
	C	198,9245,9607	CKSQYB225K16
	C	201,203,204,403	CKSSYB104K16
	C	404,408,410,413	DCH1246
	C	407,409,417,428	CKSSYB104K16
	C	412,415,420,441	CCSSCH102J50
	C	414,416,418,421	DCH1246
	C	419,432,438,606	CKSSYB103K25
	C	422,431,434,437	DCH1246
	C	425,915,927,1048	DCH1201
F	C	429,435,440,443	CKSSYB104K16

Mark	No.	Description	Part No.
	C	436	CEVW101M4
	C	439,618,624,631	CCSSCH331J50
	C	442,619,620,627	CCSSCH102J50
	C	445-447,607,610	CKSSYB104K16
	C	608,611,621,629	CCSSCH100D50
	C	609,655,929,967	CEVW101M16
	C	613,615-617,622	CKSSYB104K16
	C	614,625,653,667	CKSSYB103K25
	C	626,628,632,637	CKSSYB104K16
	C	630,634,651,679	CCSSCH100D50
	C	633,635,639,641	CCSSCH102J50
	C	638,640,642-645	CKSSYB104K16
	C	646,663,914	CEVW470M4
	C	647,648,696,713	CCSSCH331J50
	C	649,650,657,658	CCSSCH102J50
	C	652,654,661,662	CKSSYB104K16
	C	660,682,690-692	CCSSCH101J50
	C	664,671,675,676	CKSSYB104K16
	C	665,949	CCSSCH8R0D50
	C	666,943	CCSSCH9R0D50
	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
	C	698-701,704	CCSSCH102J50
	C	703,741-746,755	CCSSCH100D50
	C	718,720,721,751	CCSSCH101J50
	C	726,902,904,906	CCSSCH331J50
	C	727-731,740	CCSSCH102J50
	C	748-750,753,754	CCSSCH102J50
	C	752,924,938,993	CCSSCH101J50
	C	756,757,911,937	CCSSCH102J50
	C	758,917,933,934	CCSSCH100D50
	C	908,920,923,936	CCSSCH331J50
	C	913,918,945,946	CCSSCH471J50
	C	916,928,950,951	DCH1246
	C	919,921,922,925	CKSSYB104K16
	C	926,1529	CEVW470M6R3
	C	931,935,940,944	CKSSYB104K16
	C	941,953,957,971	CCSSCH331J50
	C	942,997,1021,1062	CCSSCH100D50
	C	947,948,954,955	CKSSYB104K16
	C	952,958,959,961	CCSSCH471J50
	C	960,962,964,965	CKSSYB104K16
	C	963,979,982,983	CCSSCH471J50
	C	968,974,977,981	CKSSYB104K16
	C	969,975,987,999	DCH1246
	C	972,973,976,989	CCSSCH102J50
	C	978,9008	CCSSCH330J50
	C	984,988,994,1001	CKSSYB104K16
	C	991,1025,1064,1075	CEVW101M16
	C	996,1672,1673,9593	ACH7306
	C	1000,1002,1004,1006	CCSSCH471J50
	C	1003,1005,1007,1009	CKSSYB104K16
	C	1008,1010,1069,1212	CCSSCH471J50
	C	1012,1018,1026,1032	CKSSYB104K16
	C	1013,1023,1029,1219	CCSSCH331J50
	C	1014,1015,1027,1033	CCSSCH101J50
	C	1024,1030,1035,1037	CCSSCH102J50

Mark	No.	Description	Part No.
C	1028,1036,9105,9106		CCSSCH270J50
C	1034,1038,1039,1047		CKSSYB104K16
C	1041,1231,1246,1256		CCSSCH101J50
C	1044		CKSSYB823K10
C	1045,1054,1056,1270		CKSSYB103K25
C	1046,1049,1070,1215		CCSSCH102J50
C	1050-1052,1055,1057		CKSSYB104K16
C	1059,1061,1067,1068		CKSSYB104K16
C	1060,1063,1065,1074		DCH1201
C	1071,1072,1206,1210		CKSSYB104K16
C	1079,1214,1349-1351		DCH1246
C	1203,1207,1208,1358		CEVW221M4
C	1205,1211,1228,1230		DCH1201
C	1209,1357,1664,1665		CEVW101M16
C	1213,1218,1223,1224		CKSSYB104K16
C	1216,1237,1361,1410		CCSSCH100D50
C	1221,1298,1345		CCSSCH471J50
C	1222,1686,1688,1693		CKSRYB105K16
C	1225,1227,1252,1274		CCSSCH102J50
C	1226,1244,1248,1251		CCSSCH331J50
C	1229,1236,1238,1240		CKSSYB104K16
C	1243,1253-1255,1267		CKSSYB104K16
C	1257,1311,1323,1388		CCSSCH331J50
C	1268,1278,1286,1322		CCSSCH101J50
C	1272,1276,1282,1285		CKSSYB104K16
C	1289,1296,1297,1305		CKSSYB104K16
C	1294,1299,1325,1333		CCSSCH102J50
C	1313,1326		CCSSCH150J50
C	1318,1319,1324,1328		CKSSYB104K16
C	1334,1341-1343,1362		CKSSYB104K16
C	1339,1392,1393,1426		CCSSCH101J50
C	1346,1347,1359,1381		CCSSCH102J50
C	1352-1354,1428,1605		DCH1201
C	1364-1366,1371,1389		CCSSCH471J50
C	1367-1370,1380,1384		CKSSYB104K16
C	1385,1390,1391,1394		CKSSYB104K16
C	1395,1401,1411,1424		CCSSCH102J50
C	1398,1408,1409,1425		CKSSYB104K16
C	1427,9005,9029,9067		CEVW221M4
C	1431,1503,1507,1508		CKSSYB104K16
C	1432,1506,1511,1613		CCSSCH331J50
C	1501,1628,1629,1636		CCSSCH101J50
C	1502,1510,1518-1520		CCSSCH100D50
C	1505,1808,1811,9201		CCG1222
C	1509,9545,9546		CEAK102M16-P35
C	1528,1614,1624		CKSSYB104K16
C	1531,9065,9742		CCSSCH221J50
C	1534,1671,1697,1698		CCSSCH100D50
C	1540-1544,1654,1660		CCSSCH102J50
C	1601,1602,1662,1663		CKSSYB102K50
C	1606,1650,1656		DCH1201
C	1608,1610,1612,1616		DCH1246
C	1609,1611,1615,1617		CCSSCH471J50
C	1618,1620,1622,1626		DCH1246
C	1619,1621,1625,1627		CCSSCH471J50
C	1623,1633,1699,1701		CCSSCH331J50
C	1630-1632,1634,1635		CKSSYB104K16
C	1637,1639,1644,1645		CCSSCH471J50
C	1638,1648,1649,1661		CCSSCH101J50
C	1640-1643,1653,1659		CKSSYB104K16

Mark	No.	Description	Part No.
C	1646,1647,9040,9202		CKSSYB103K25
C	1651,1657,1695,1696		DCH1246
C	1652,1655,1658,1666		CCSSCH471J50
C	1667,1709,1824,1825		CCSSCH471J50
C	1674-1681,1683-1685		VCG1066
C	1687,1689-1692		VCG1066
C	1694,1839		CKSRYB105K16
C	1700,1710,1736-1742		CKSSYB104K16
C	1702,1703,1756,1807		CCSSCH101J50
C	1722,1723,1729,9013		CCSSCH102J50
C	1731,9009,9034,9037		CCSSCH100D50
C	1732-1735,9226,9228		DCH1201
C	1743-1745		CCSSCH7R0D50
C	1746-1748		CCSSCH5R0C50
C	1749-1751,1760-1762		CCSSCH180J50
C	1752,1770,1821,1832		CEVW101M16
C	1753-1755		CCSSCH4R0C50
C	1757-1759,1842		CCSSCH470J50
C	1763		CCSSCH560J50
C	1764-1766		CCSSCH390J50
C	1767-1769,1809,1812		CKSSYB104K16
C	1806,1819,9001,9075		CKSRYB104K50
C	1810,1813,1820,1829		CCSSCH331J50
C	1817,1828,1834,1840		CKSSYB104K16
C	1818,9571		CCSRCH102J50
C	1835,9003,9038,9039		CCSSCH471J50
C	1836		CEVW470M16
C	1841,1845,1853,1855		CCSSCH331J50
C	1846,1852,1854,1858		CKSSYB104K16
C	1847,9563,9600		CEVW101M16
C	1859,1861,1863,9015		CCSSCH331J50
C	1860,1862,9002,9006		CKSSYB104K16
C	9007,9010,9012,9014		CKSSYB104K16
C	9011,9019,9046,9053		CCSSCH101J50
C	9016,9021,9022,9026		CCSSCH102J50
C	9017,9018,9020,9023		CKSSYB104K16
C	9025,9028,9031,9033		CKSSYB104K16
C	9027,9048,9051,9055		CCSSCH102J50
C	9030,9583,9589,9684		DCH1246
C	9032,9076,9214,9249		CCSSCH331J50
C	9035,9036,9041-9045		CKSSYB104K16
C	9047,9049,9052		CKSSYB104K16
C	9050,9079,9085		CCSSCH100D50
C	9054,9056,9069,9070		CCSSCH471J50
C	9057,9061,9062,9064		CCSSCH102J50
C	9058-9060,9063,9066		CKSSYB104K16
C	9068,9071,9073,9080		CKSSYB104K16
C	9072,9074,9077,9081		CCSSCH471J50
C	9086,9087,9204,9250		CCSSCH101J50
C	9088-9091,9093-9098		CCSSCH100D50
C	9100,9102-9104,9312		CCSSCH100D50
C	9203,9205,9207,9210		CKSSYB104K16
C	9206,9208,9209,9211		CCSSCH102J50
C	9212,9213,9216,9219		CKSSYB104K16
C	9215,9232,9235,9238		CCSSCH102J50
C	9217,9520,9574,9576		CEVW221M4
C	9220,9222,9287,9289		CCSSCH471J50
C	9221,9227,9229,9231		CKSSYB104K16
C	9223,9282,9283,9594		CKSSYB103K25
C	9230,9233,9236,9239		DCH1201

Mark	No.	Description	Part No.
	C	9234,9237,9240,9242	CKSSYB104K16
	C	9241,9243,9246,9253	CCSSCH102J50
A	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

Mark	No.	Description	Part No.

G 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

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.

H 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
	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

I 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

J 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
	JH	3471 PCB BINDER	VEF1040

RESISTORS

	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
	C	3481,3482,3486,3496	CKSRYB103K50
	C	3485	CKSRYB105K16
	C	3488	CKSRYB223K50
	C	3490	CKSRYB102K50
	C	3495	CKSRYB104K50
	C	3497	CCSRCH331J50

K DISPLAY ASSY

SEMICONDUCTORS

Mark	No.	Description	Part No.
	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
	D	3204,3206,3208,3210	SLR343BC4T(JKLM)
	D	3212	SLR343BC4T(JKLM)

MISCELLANEOUS

Mark	No.	Description	Part No.
	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

Mark	No.	Description	Part No.
	All Resistors		RS1/10SR###J

MISCELLANEOUS

Mark	No.	Description	Part No.
	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

Mark	No.	Description	Part No.
	C	3002,3009,3013,3014	CKSRYB104K50
	C	3003,3007,3020,3021	CKSRYB105K16
	C	3004,3005	CCSRCH120J50
	C	3006,3302	CKSRYB471K50
	C	3008,3010,3043,3205	CCSRCH471J50
	C	3011,3042	CCSRCH101J50
	C	3012	CKSRYB472K50
	C	3015,3016	CKSRYB473K50
	C	3017	CCSRCH150J50
	C	3018,3035,3045	CKSRYB103K50
	C	3022,3212,3221-3223	CCSRCH102J50
	C	3023,3025,3027,3038	CKSRYB104K50
	C	3039	ACH7268
	C	3048,3058,3101,3207	CCSRCH100D50
	C	3102,3104,3201,3306	CKSRYB102K50
	C	3103,3105,3202,3204	CKSRYB104K50
	C	3208	CEAK221M16
	C	3209	CKSRYB105K16
	C	3211	ACH7272
	C	3213	CEAK101M16
	C	3214,3216,3217	CCSRCH221J50
	C	3215,3218	CCSRCH470J50
	C	3303,3405	CCSRCH102J50
	C	3304,3307	CKSRYB104K50
	C	3305,3308,3328	CEAK470M50
	C	3311-3326	CCSRCH471J50
	C	3327	CEAK101M35
	C	3335-3337,3341	CKSRYB103K50
	C	3338,3340,3343	CCSRCH100D50
	C	3339	CCSRCK2R0C50

L VOL ASSY

MISCELLANEOUS

Mark	No.	Description	Part No.
	S	3371 ROTARY ENCODER	ASX7049
	CN	3371 3P JUMPER CONNECTOR	52147-0310

CAPACITORS

Mark	No.	Description	Part No.
	C	3371,3372	CKSRYB103K50

M POWER SW ASSY

SEMICONDUCTORS

Mark	No.	Description	Part No.
	Q	3401	LTC143EUB
	D	3402	SLR343BC4T(JKLM)

MISCELLANEOUS

Mark	No.	Description	Part No.
	S	3401 SWITCH	VSG1024
	CN	3401 4P JUMPER CONNECTOR	52147-0410

RESISTORS

Mark	No.	Description	Part No.
	All Resistors		RS1/10SR###J

CAPACITORS

Mark	No.	Description	Part No.
	C	3401	CCSRCH221J50
	C	3402	CKSRYB104K16

N ENCODER ASSY

MISCELLANEOUS

Mark	No.	Description	Part No.
	S	3501 ROTARY ENCODER	ASX7051
	CN	3501 3P JUMPER CONNECTOR	52147-0310

RESISTORS

Mark	No.	Description	Part No.
	All Resistors		RS1/10SR###J

CAPACITORS

Mark	No.	Description	Part No.
	C	3501,3502	CKSRYB103K50

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

	KN 6801 WRAPPING TERMINAL	CKF1089
	CN 6801 23P SOCKET	XKP3082
	CN 6802,6803 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 6866,6886,6906,6926	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

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

Q IR INTERFACE ASSY

MISCELLANEOUS

	CN 3801,3802 23P SOCKET	XKP3082
	CN 3810,3850,3890 5P SOCKET	XKP3073
	CN 3820,3830,3840,3860 5P SOCKET	KP200IB5L
	CN 3870,3880 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	TLC071IDR
⚠	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	TLC071IDR
⚠	IC 4501,4601,4701,4801	IRS20957SPBF
⚠	IC 4502,4603,4703,4803	NJM2830U1-12
	IC 4802,5101	UPC4570G2-A
	IC 4804	NJM12904V
	IC 4900	TLC071IDR
⚠	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.
	Q	4807,4811,4907,4911	LSA1576UB
	Q	4808,4903,4904,4908	LSC4081UB
	Q	4900	2SD2704K
⚠	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)
	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
	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	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
	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
	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

Mark	No.	Description	Part No.

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.
	R	4500,4501,4600,4601	RN1/16SE5600D
	R	4502,4503,4602,4603	RN1/16SE5601D
	R	4504,4505,4604,4605	RN1/16SE3301D
	R	4507,4546,4547,4587	ACN7180
	R	4511,4519,4522,4523	RS1/10SR1001F
	R	4515,4533,4615,4633	ACN7192
	R	4516,4616,4716,4816	ACN7185
	R	4520,4620,4720,4820	RS1/10SR2200F
	R	4525,4526,4625,4626	ACN7187
	R	4528,4628,4728,4828	RS1/4SA223J
	R	4529,4629,4729,4829	RS1/8SQ182J
	R	4530,4630,4730,4830	RS1/8SQ822J
	R	4531,4631,4731,4831	RS1/8SQ472J
	R	4532,4632,4732,4832	RS1/8SQ562J
	R	4534,4634,4734,4834	RS1/8SQ103J
	R	4535,4635,4735,4835	RS1/8SQ752J
	R	4536,4636,4736,4836	RS1/8SQ242J
	R	4537,4541,4637,4641	ACN7194
	R	4538,4638,4738,4838	RS1/8SQ4R7J
	R	4539,4639,4739,4839	RS1/8SQ100J
	R	4540,4640,4740,4840	ACN7165
	R	4542,4543,4642,4643	ACN7189
	R	4545,4569,4645,4669	RS1/10SR1202F
	R	4548,4648,4748,4848	RS1/10SR3301F
	R	4550,4650,4750,4850	RS1/10SR1000F
	R	4551,4651,4751,4851	ACN7191
	R	4554,4654,4754,4854	ACN7186
	R	4555,4655,4755,4855	RS1/10SR4702F
	R	4556,4656,4756,4856	RS1/10SR5601F
	R	4563,4663,4763,4863	RS1/10SR3901F
	R	4566,4666,4766,4866	RS1/10SR1002F
	R	4567,4611,4619,4622	RS1/10SR1001F
	R	4568,4668,4768,4868	RS1/10SR2202F
⚠	R	4581,4681,4781,4881	NTCG104KF104FB
	R	4588,4607,4646,4647	ACN7180
	R	4595-4598,4695-4698	RS1/8SQR47J
	R	4623,4667,4711,4719	RS1/10SR1001F
	R	4687,4688,4707,4746	ACN7180
	R	4700,4701	RN1/16SE5600D
	R	4702,4703,4802,4803	RN1/16SE5601D
	R	4704,4705,4804,4805	RN1/16SE3301D
	R	4715,4733,4815,4833	ACN7192
	R	4722,4723,4767,4811	RS1/10SR1001F
	R	4725,4726,4825,4826	ACN7187
	R	4737,4741,4837,4841	ACN7194
	R	4742,4743,4842,4843	ACN7189
	R	4745,4769,4845,4869	RS1/10SR1202F
	R	4747,4787,4788,4807	ACN7180
	R	4776,4780	ACN7195
	R	4795-4798,4895-4898	RS1/8SQR47J
	R	4800,4801,4900,4901	RN1/16SE6800D
	R	4819,4822,4823,4867	RS1/10SR1001F
	R	4846,4847,4887,4888	ACN7180
	R	4902,4903	RN1/16SE5601D
	R	4904,4905	RN1/16SE3301D
	R	4907,4946,4947,4987	ACN7180
	R	4911,4919,4922,4923	RS1/10SR1001F
	R	4915,4933	ACN7192
	R	4916	ACN7185
	R	4920	RS1/10SR2200F

Mark	No.	Description	Part No.
	R	4925,4926	ACN7187
	R	4928	RS1/4SA223J
	R	4929	RS1/8SQ182J
	R	4930	RS1/8SQ822J
	R	4931	RS1/8SQ472J
	R	4932	RS1/8SQ562J
	R	4934,5011-5013,5020	RS1/8SQ103J
	R	4935	RS1/8SQ752J
	R	4936	RS1/8SQ242J
	R	4937,4941	ACN7194
	R	4938	RS1/8SQ4R7J
	R	4939	RS1/8SQ100J
	R	4940	ACN7165
	R	4942,4943	ACN7189
	R	4945,4969	RS1/10SR1202F
	R	4948	RS1/10SR3301F
	R	4950	RS1/10SR1000F
	R	4951	ACN7191
	R	4954	ACN7186
	R	4955	RS1/10SR4702F
	R	4956	RS1/10SR5601F
	R	4963,5001	RS1/10SR3901F
	R	4966	RS1/10SR1002F
	R	4967	RS1/10SR1001F
	R	4968	RS1/10SR2202F
⚠	R	4981	NTCG104KF104FB
	R	4988,5003-5005,5026	ACN7180
	R	4995-4998	RS1/8SQR47J
	R	5000	RS1/10SR5600F
	R	5006-5009	RS1/4SA105J
	R	5014,5015,5022,5023	RS1/8SQ223J
	R	5016,5017,5024,5025	RS1/8SQ473J
	R	5018,5019	RS1/8SQ104J
	R	5021	RS1/8SQ103J
	R	5059,5159	ACN7180
	R	5083-5087	RS1/8SQ105J
	Other Resistors		RS1/10SR###J

CAPACITORS

	C	4006,4026,4035,4042	CKSRYB104K50
	C	4007,4009,4011-4019	CCSRCH331J50
	C	4008,4010,4036,4052	ACH7321
	C	4021,4044-4051,4056	CCSRCH331J50
	C	4022,4025,4040,4112	CCG1255
	C	4023	CCG1236
	C	4024,4116,4166,4167	ACH1479
	C	4027,4030,4041,4043	CCSRCH100D50
	C	4028,4151,4155,4156	CKSRYB103K50
	C	4053,4065,4066	ACH7321
	C	4054,4055,4077,4185	CCSRCH100D50
	C	4057-4062	ACH7305
	C	4063	ACH7311
	C	4064,4086,4091,4103	CKSRYB104K50
	C	4073,4074,4109,4121	CFHXSQ103J16
	C	4078,4079,4180,4182	ACE7090
	C	4080,4120,4123,4220	CFHXSQ102J50
	C	4081,4082	ACG7106
	C	4087,4183,4184,4283	CCSRCH471J50
	C	4088,4092-4094,4096	CCSRCH331J50

Mark	No.	Description	Part No.
	C	4097,5001-5005	CCSRCH331J50
	C	4098,4099	CCSRCH102J50
	C	4100,4200,4300,4400	CFTLA104J2A
	C	4101,4201,4301,4401	CFTLA474J2A
	C	4108,4208,4308,4408	ACH7320
	C	4113,4124,4152,4153	CKSRYB104K50
	C	4115,4212,4215,4312	CCG1255
	C	4119,4219,4319,4419	ACG7104
	C	4122,4209,4221,4222	CFHXSQ103J16
	C	4125,4130,4137,4225	CCG1288
	C	4127,4227,4327,4427	DCH1330
	C	4134,4234,4334,4434	CCSQCH101J50
	C	4135,4235,4335,4435	ACG7103
	C	4149,4150,4249,4250	ACH7359
	C	4159,4160,4259,4260	ACG7107
	C	4161,4175,4261,4275	ACG7105
	C	4186,4285,4286,4785	CCSRCH100D50
	C	4203,4213,4224,4252	CKSRYB104K50
	C	4216,4266,4267,4316	ACH1479
	C	4223,4320,4323,4420	CFHXSQ102J50
	C	4230,4237,4325,4330	CCG1288
	C	4251,4255,4256,4351	CKSRYB103K50
	C	4253,4258,4303,4313	CKSRYB104K50
	C	4280,4282,4380,4382	ACE7090
	C	4284,4783,4784	CCSRCH471J50
	C	4309,4321,4322,4409	CFHXSQ103J16
	C	4315,4412,4415,4512	CCG1255
	C	4324,4352,4353,4403	CKSRYB104K50
	C	4337,4425,4430,4437	CCG1288
	C	4349,4350,4449,4450	ACH7359
	C	4355,4356,4451,4455	CKSRYB103K50
	C	4359,4360,4459,4460	ACG7107
	C	4361,4375,4461,4475	ACG7105
	C	4366,4367,4416,4466	ACH1479
	C	4413,4424,4452,4453	CKSRYB104K50
	C	4421,4422,4509,4521	CFHXSQ103J16
	C	4423,4520,4523,4620	CFHXSQ102J50
	C	4456,4551,4555,4556	CKSRYB103K50
	C	4458,4503,4513,4524	CKSRYB104K50
	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
	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	CKSRYB104K50
	C	4559,4560,4659,4660	ACG7107
	C	4561,4575,4661,4675	ACG7105
	C	4616,4666,4667,4716	ACH1479
	C	4623,4720,4723,4820	CFHXSQ102J50
	C	4624,4652,4653,4658	CKSRYB104K50
	C	4630,4637,4725,4730	CCG1288
	C	4651,4655,4656,4751	CKSRYB103K50
	C	4680,4682,4780,4782	ACE7090
	C	4703,4713,4724,4752	CKSRYB104K50
	C	4709,4714,4721,4722	CFHXSQ103J16
	C	4715,4812,4815,4912	CCG1255
	C	4737,4825,4830,4837	CCG1288
	C	4749,4750,4849,4850	ACH7359
	C	4753,4758,4803,4813	CKSRYB104K50
	C	4755,4756,4851,4855	CKSRYB103K50
	C	4759,4760,4859,4860	ACG7107
	C	4761,4775,4861,4875	ACG7105
	C	4766,4767,4816,4866	ACH1479
	C	4786	CCSRCH100D50
	C	4808,4908	ACH7320
	C	4809,4821,4822,4909	CFHXSQ103J16
	C	4823,4920,4923	CFHXSQ102J50
	C	4824,4852,4853,4858	CKSRYB104K50
	C	4856,4951,4955,4956	CKSRYB103K50
	C	4867,4916,4966,4967	ACH1479
	C	4880,4882,4980,4982	ACE7090
	C	4900	CFTLA104J2A
	C	4901	CFTLA474J2A
	C	4903,4913,4924,4952	CKSRYB104K50
	C	4915	CCG1255
	C	4919	ACG7104
	C	4921,4922,5102,5103	CFHXSQ103J16
	C	4925,4930,4937	CCG1288
	C	4927	DCH1330
	C	4934	CCSQCH101J50
	C	4935	ACG7103
	C	4949,4950	ACH7359
	C	4953,5101	CKSRYB104K50
	C	4959,4960	ACG7107
	C	4961,4975	ACG7105
	C	5080,5082,5180,5182	ACE7090
	C	5106	CKSRYB224K25

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

	KN	5751 SCREW PLATE	VNE1948
	CN	5751 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.

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

W B DIODE ASSY

Mark	No.	Description	Part No.
SEMICONDUCTORS			
⚠	D	7400,7401	LN6SB60-4003
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

X CONNECT ASSY

Mark	No.	Description	Part No.
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

Y FB-CONNECT ASSY

Mark	No.	Description	Part No.
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
CAPACITORS			
	C	7693,7696	CCSRCH270J50
	C	7694,7697	CCSRCH331J50
	C	7699,7702	CKSRYB103K50

Z PRE BRIDGE ASSY

Mark	No.	Description	Part No.
MISCELLANEOUS			
	CN	6951,6952 23P PLUG	XKP3071

AA A-DAC BRIDGE ASSY

Mark	No.	Description	Part No.
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

Mark	No.	Description	Part No.
MISCELLANEOUS			
	CN	3771,3772 7P PLUG	XKP3063
	CN	3773,3774 15P PLUG	XKP3067

AC D-DAC BRIDGE ASSY

Mark	No.	Description	Part No.
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			
	CN	7721 7P SOCKET	KP200IB7L
	CN	7722 17P SOCKET	XKP3079
	CN	7723 PLUG(3P)	KM200NA3
	CN	7724 CONNECTOR	9604S-15C
RESISTORS			
		All Resistors	RS1/10SR###J
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			
	CN	7651,7652 39P CONNECTOR	VKN2097
	JH	7651,7652 PCB BINDER	VEF1040
RESISTORS			
	R	7655-7657	RS1/10SR0R0J
		Other Resistors	RS1/8SQ###J
CAPACITORS			
	C	7651,7904,7912,7919	CCSRCH100D50
	C	7924	CCSRCH100D50

AF F-IN BRIDGE ASSY

MISCELLANEOUS			
	CN	7661 15P SOCKET	XKP3078
	CN	7662 7P SOCKET	KP200IB7L
	CN	7663 CONNECTOR	9604S-15C
	CN	7664 L-PLUG(7P)	KM200NA7L
	JH	7661 PCB BINDER	VEF1040
RESISTORS			
	R	7667	RS1/4SA105J
		Other Resistors	RS1/10SR###J
CAPACITORS			
	C	7175	CCSRCH101J50

AG MCH BRIDGE ASSY

MISCELLANEOUS			
	CN	7671,7672 18P PLUG	AKM7050

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

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

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.