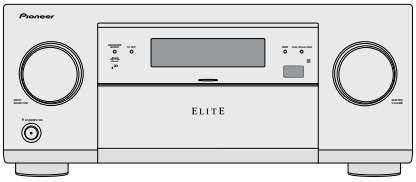
Pioneer

Service Manual



SC-65

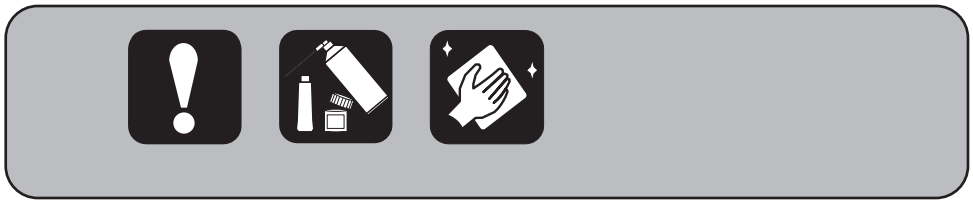
ORDER NO.
RRV4311

AV RECEIVER

SC-65
SC-1527-K
SC-1522-K

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

Model	Type	Power Requirement	Remarks
SC-65	UXJCB	AC 120V	
SC-1527-K	CUXJ	AC 120V	
SC-1522-K	UXJCB	AC 120V	



PIONEER CORPORATION 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan
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PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium
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ⓒ**PIONEER CORPORATION 2012**

K-FZV JUNE 2012 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.

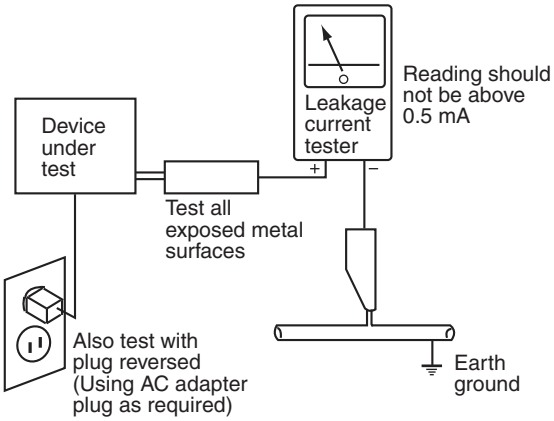
(FOR USA MODEL ONLY)

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.

CONTENTS

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	AWX1199	IC903	HDMI RECEIVER	----------	IC with heat-pad
		IC1204	DIGITAL VIDEO FORMAT CONVERTER	----------	BGA
		IC1212	DDR2-SDRAM	----------	BGA
		IC1602	HDMI TRANSMITTER	----------	IC with heat-pad
		IC1609	HDMI TRANSMITTER	----------	IC with heat-pad
		IC9002	1st DSP	----------	IC with heat-pad
		IC9203	LAN PHY	----------	IC with heat-pad
		IC9204	MEDIA PROCESSOR	----------	BGA
		IC9510	REGULATOR	----------	IC with heat-pad
		IC9520	REGULATOR	----------	IC with heat-pad
		IC9521	REGULATOR	----------	IC with heat-pad
		IC9522	REGULATOR	----------	IC with heat-pad
		IC9524	REGULATOR	----------	IC with heat-pad
		IC9602	HDMI RECEIVER	----------	IC with heat-pad
		IC9702	2nd DSP	----------	IC with heat-pad
D-AMP_S ASSY	AWX1210	Q4101,4102 Q4201,4202 Q4301,4302 Q4401,4402 Q4501,4502 Q4601,4602 Q4701,4702 Q4801,4802 Q4901,4902	FET	----------	Land is under parts

1.3 CAUTION

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

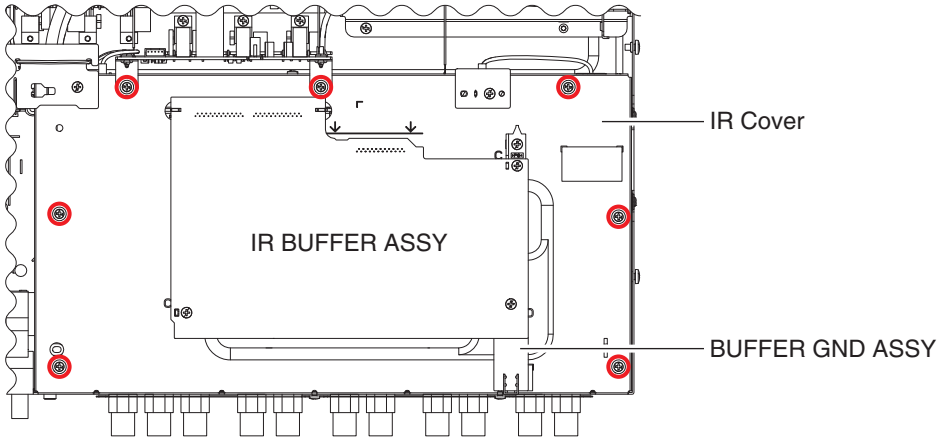
- **Ground Points**
  Please refer to “Ground Points”.

1.4 NOTES ON ASSEMBLING

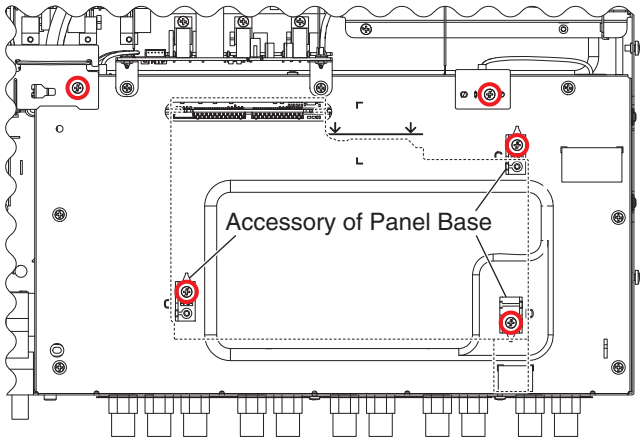
Note : The right and left positions for the attachment positioning of digital amplifier block are gradual, however, adjust the front and back positions correctly. For the positioning procedure, refer to "7. DISASSEMBLY".

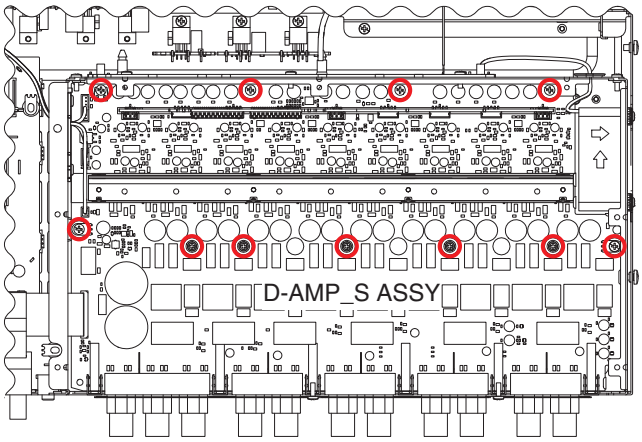
When assembling the digital amplifier block, please note the following points of screws to prevent from short-circuit.

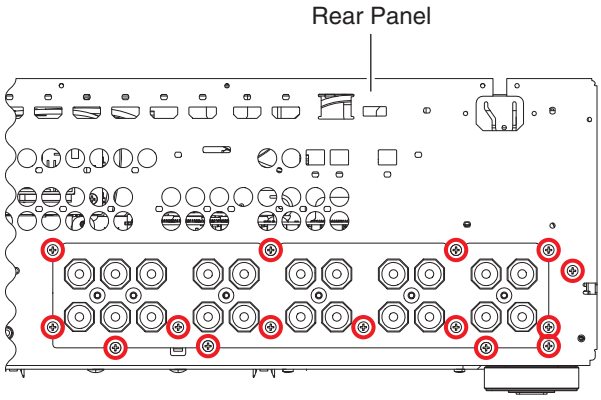
The following 7 points of screws must always be used AMZ30P060FTC

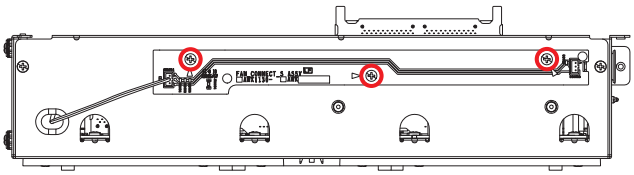


Points to be watched for swarf









• Front View

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-65 SPECIFICATIONS

Amplifier section

Continuous average power output*
- 8 Ω ..... 130 W** per channel
- 6 Ω ..... 170 W*** per channel

** Measured pursuant to the Federal Trade Commission's Trade Regulation rule on Power Output Claims for Amplifiers*
*** 1 kHz with no more than 0.08 %**** total harmonic distortion*
**** 1 kHz with no more than 1 %**** total harmonic distortion*
***** Measured by Audio Spectrum Analyzer*

Multi channel simultaneous power output (1 kHz, 1 %, 8Ω)
- 9 ch total ..... 720 W

Continuous Power Output (1 kHz, 8 Ω, 0.08 %)
- Front ..... 130 W + 130 W
- Center ..... 130 W
- Surround ..... 130 W + 130 W
- Surround back ..... 130 W + 130 W
- Front height/Front wide ..... 130 W + 130 W

Continuous Power Output (1 kHz, 6 Ω, 1.0 %)
- Front ..... 170 W + 170 W
- Center ..... 170 W
- Surround ..... 170 W + 170 W
- Surround back ..... 170 W + 170 W
- Front height/Front wide ..... 170 W + 170 W

Continuous Power Output (1 kHz, 4 Ω, 1.0 %)
- Front ..... 210 W + 210 W
- Center ..... 210 W
- Surround ..... 210 W + 210 W
- Surround back ..... 210 W + 210 W
- Front height/Front wide ..... 210 W + 210 W

Total harmonic distortion ..... 0.04 % (1 kHz, 110 W + 110 W, 8Ω)
Guaranteed speaker impedance ..... 4 Ω to 16 Ω

Audio Section

Input (Sensitivity/Impedance)
- LINE ..... 380 mV/47 kΩ

Output (Level/Impedance)
- REC ..... 380 mV/2.2 kΩ

Signal-to-Noise Ratio (IHF, short circuited, A network)
- LINE ..... 101 dB

Tuner Section

Frequency Range (FM) ..... 87.5 MHz to 108 MHz
Antenna Input (FM) ..... 75 Ω unbalanced
Frequency Range (AM) ..... 530 kHz to 1700 kHz
Antenna (AM) ..... Loop antenna (balanced)

Video Section

Signal level
- Composite Video ..... 1 Vp-p (75 Ω)
- Component Video ..... Y: 1.0 Vp-p (75 Ω), PB/PR: 0.7 Vp-p (75 Ω)

Corresponding maximum resolution
- Component Video ..... 1080p (1125p) (Video convert off)

Digital In/Out Section

HDMI terminal ..... 19-pin (Not DVI)
HDMI output type ..... 5 V, 55 mA
HDMI input/MHL terminal ..... 5 V, 1 A
USB terminal ..... USB2.0 High Speed (Type A) 5 V, 2.1 A
iPod terminal ..... USB, and Video (Composite)
ADAPTER PORT terminal ..... 5 V, 100 mA
WIRELESS LAN ADAPTER terminal ..... 5 V, 600 mA

Integrated Control Section

Control (IR) terminal ..... ø 3.5 Mini-jack (MONO)
IR signal ..... High Active (High Level: 2.0 V)
12 V Trigger terminal ..... ø 3.5 Mini-jack (MONO)
12 V Trigger output type ..... 12 V, Total 150 mA
RS-232C cable type ..... 9-pin, cross type, female-female
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 ..... 330 W
In standby ..... 0.1 W (HDMI Setup – Control : OFF)
0.3 W (HDMI Setup – Control : ON)
Dimensions ..... 435 mm (W) x 185 mm (H) x 441 mm (D)
(17 1/8 in. (W) x 7 1/4 in. (H) x 17 3/8 in. (D))
Weight (without package) ..... 15.1 kg (33.3 lb)

Number of Furnished Parts

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

Note

- Specifications and the design are subject to possible modifications without notice, due to improvements.
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2.2 SC-1527-K/SC-1522-K SPECIFICATIONS

Amplifier section

Continuous average power output*

8 Ω ..... 130 W** per channel

6 Ω ..... 170 W*** per channel

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

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

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

***** Measured by Audio Spectrum Analyzer*

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

9 ch total ..... 720 W

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

Front ..... 130 W + 130 W

Center ..... 130 W

Surround ..... 130 W + 130 W

Surround back ..... 130 W + 130 W

Front height/Front wide ..... 130 W + 130 W

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

Front ..... 170 W + 170 W

Center ..... 170 W

Surround ..... 170 W + 170 W

Surround back ..... 170 W + 170 W

Front height/Front wide ..... 170 W + 170 W

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

Front ..... 210 W + 210 W

Center ..... 210 W

Surround ..... 210 W + 210 W

Surround back ..... 210 W + 210 W

Front height/Front wide ..... 210 W + 210 W

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

Guaranteed speaker impedance ..... 4 Ω to 16 Ω

Audio Section

Input (Sensitivity/Impedance)

LINE ..... 380 mV/47 kΩ

Output (Level/Impedance)

REC ..... 380 mV/2.2 kΩ

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

LINE ..... 101 dB

Tuner Section

Frequency Range (FM) ..... 87.5 MHz to 108 MHz

Antenna Input (FM) ..... 75 Ω unbalanced

Frequency Range (AM) ..... 530 kHz to 1700 kHz

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

Video Section

Signal level

Composite Video ..... 1 Vp-p (75 Ω)

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

Corresponding maximum resolution

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

Digital In/Out Section

HDMI terminal	19-pin (Not DVI)
HDMI output type	5 V, 55 mA
HDMI input/MHL terminal	5 V, 1 A
USB terminal	USB2.0 High Speed (Type A) 5 V, 2.1 A
iPod terminal	USB, and Video (Composite)
ADAPTER PORT terminal	5 V, 100 mA
WIRELESS LAN ADAPTER terminal	5 V, 600 mA

Integrated Control Section

Control (IR) terminal	ø 3.5 Mini-jack (MONO)
IR signal	High Active (High Level: 2.0 V)
12 V Trigger terminal	ø 3.5 Mini-jack (MONO)
12 V Trigger output type	12 V, Total 150 mA
RS-232C cable type	9-pin, cross type, female-female
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	330 W
In standby	0.1 W (HDMI Setup – Control : OFF) 0.3 W (HDMI Setup – Control : ON)
Dimensions	435 mm (W) x 185 mm (H) x 441 mm (D) (17 1/8 in. (W) x 7 1/4 in. (H) x 17 3/8 in. (D))
Weight (without package)	15.1 kg (33.3 lb)

Number of Furnished Parts

MCACC Setup microphone	1
Remote control unit	1
AAA size IEC R03 dry cell batteries	2
iPod cable	1
MHL cable	1
AM loop antenna	1
FM wire antenna	1

Power cord
CD-ROM (AVNavigator)
Quick start guide
Safety Brochure
Warranty sheet

Note

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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.

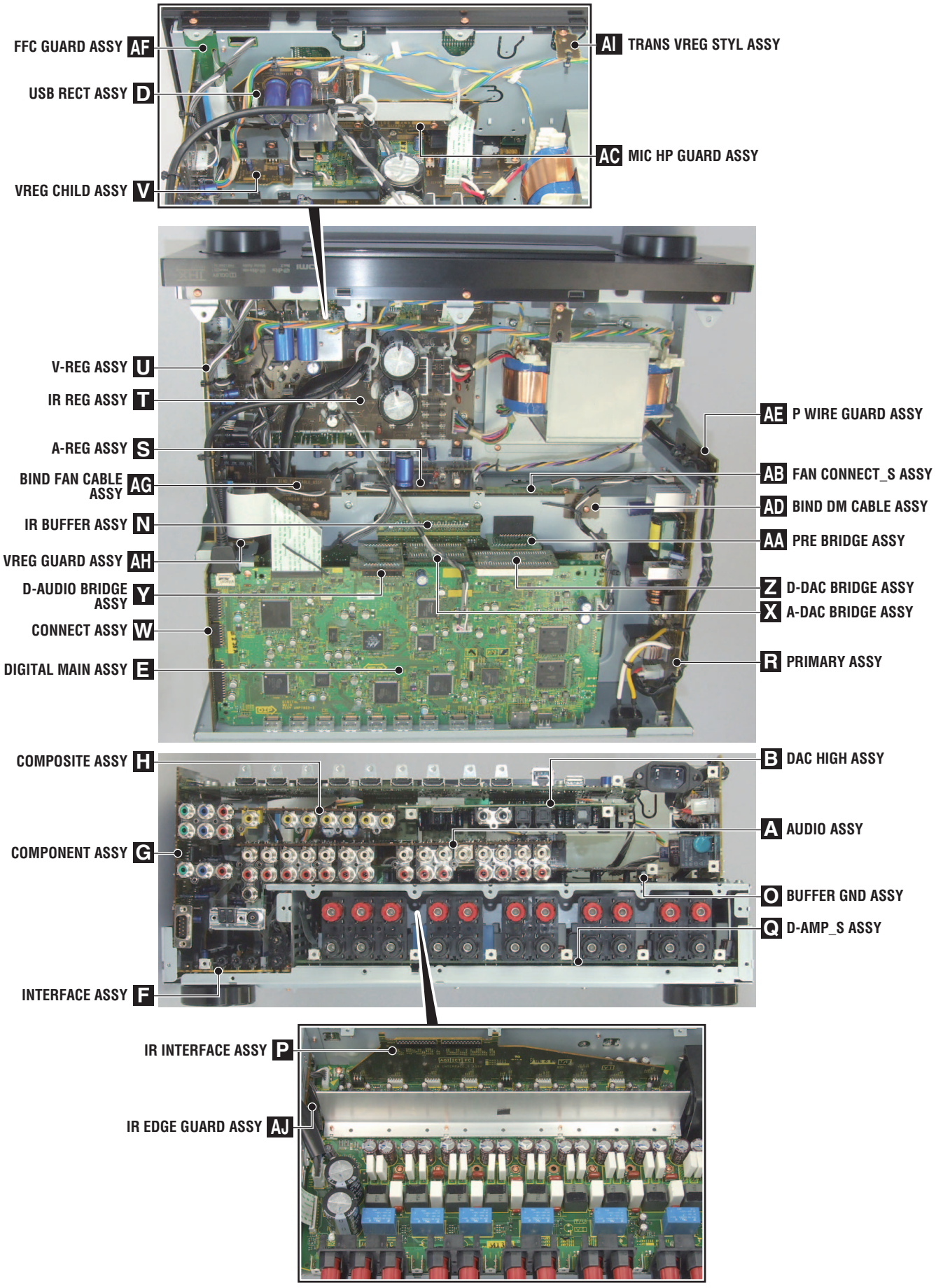
Item to be checked regarding video	Item to be checked regarding audio
Block noise	Distortion
Horizontal noise	Noise
Flicker	Volume too low
Disturbed image (video jumpiness)	Volume too high
Too dark	Volume fluctuating
Too bright	Sound interrupted
Mottled color	

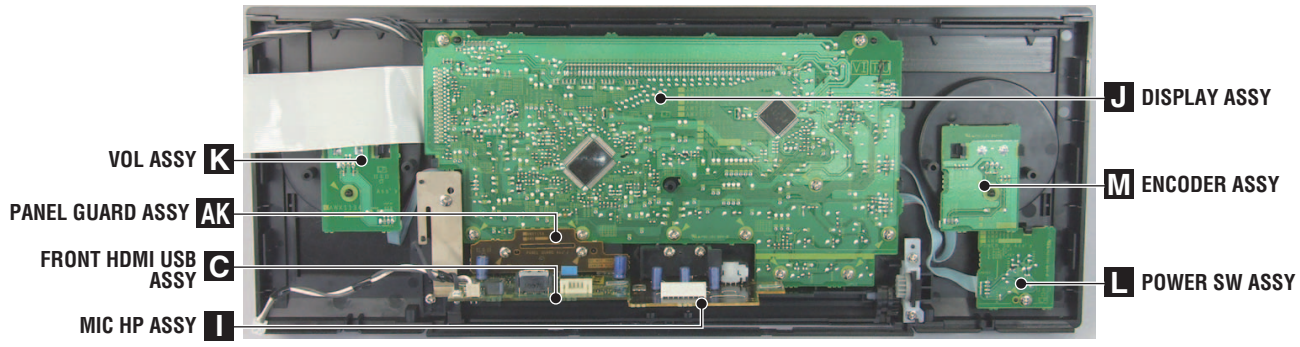
Cleaning

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.
NSP	1	D-AMP_S ASSY	AWH7047
	2	D-AMP_S ASSY	AWX1210
NSP	1	IR BUFFER ASSY	AWM8306
	2	IR BUFFER ASSY	AWX1155
	2	BUFFER GND ASSY	AWX1156
NSP	1	PRIM DISPLAY ASSY (SC-65)	AWM8289
	2	DISPLAY ASSY	AWX1131
	2	VOL ASSY	AWX1134
	2	POWER SW ASSY	AWX1135
	2	PRIMARY ASSY	AWX1136
	2	MIC HP ASSY	AWX1148
	2	ENCODER ASSY	AWX1150
	2	MIC HP GUARD ASSY	AWX1152
NSP	2	VREG GUARD ASSY	AWX1153
NSP	2	PANEL GUARD ASSY	AWX1154
NSP	1	PRIM DISPLAY ASSY (SC-1527-K/SC-1522-K)	AWM8290
	2	DISPLAY ASSY	AWX1132
	2	VOL ASSY	AWX1134
	2	POWER SW ASSY	AWX1151
	2	PRIMARY ASSY	AWX1136
	2	MIC HP ASSY	AWX1148
	2	ENCODER ASSY	AWX1150
	2	MIC HP GUARD ASSY	AWX1152
NSP	2	VREG GUARD ASSY	AWX1153
NSP	2	PANEL GUARD ASSY	AWX1154
NSP	1	AUDIO COMPOSITE ASSY	AWR7135
	2	AUDIO ASSY	AWX1113
	2	COMPOSITE ASSY	AWX1116
	2	D-AUDIO BRIDGE ASSY	AWX1127
	2	D-DAC BRIDGE ASSY	AWX1128
	2	A-DAC BRIDGE ASSY	AWX1129
	2	FAN CONNECT_S ASSY	AWX1130
NSP	1	INTERFACE REG ASSY	AWR7147
	2	INTERFACE ASSY	AWX1157
	2	CONNECT ASSY	AWX1160
	2	PRE BRIDGE ASSY	AWX1161
	2	IR REG ASSY	AWX1283
NSP	2	TRANS VREG STYL ASSY	AWX1256

Mark	No.	Description	Part No.
NSP	1	PRE POWER ASSY	AWR7149
	2	A-REG ASSY	AWX1162
	2	V-REG ASSY	AWX1163
	2	VREG CHILD ASSY	AWX1165
	2	USB RECT ASSY	AWX1166
	2	BIND DM CABLE ASSY	AWX1168
	2	P WIRE GUARD ASSY	AWX1229
NSP	2	FFC GUARD ASSY	AWX1167
NSP	2	BIND FAN CABLE ASSY	AWX1231
	1	DAC HIGH ASSY	AWX1103
	1	COMPONENT ASSY	AWX1105
	1	FRONT HDMI USB ASSY	AWX1110
	1	IR INTERFACE ASSY	AWX1112
NSP	2	IR EDGE GUARD ASSY	AWX1230
	1	DIGITAL MAIN ASSY	AWX1199

3.3 JIGS LIST

[1] Jigs List

Name	Jig No.	Remarks
39P FFC	GGD1681	Diagnosis for AUDIO ASSY, D-AMP_S ASSY, DIGITAL MAIN ASSY, DAC HIGH ASSY
15P FFC	GGD1680	Diagnosis for AUDIO ASSY, D-AMP_S ASSY
20P + 14P board to board extension jig cable	GGD1798	Diagnosis for AUDIO ASSY, D-AMP_S ASSY, DIGITAL MAIN ASSY, DAC HIGH ASSY
23P + 23P board to board extension jig cable	GGD1804	Diagnosis for AUDIO ASSY, D-AMP_S ASSY
5P PH Housing ASSY	GGD1594	Diagnosis for AUDIO ASSY, D-AMP_S ASSY
4P PH Housing ASSY	GGD1809	Diagnosis for AUDIO ASSY, D-AMP_S ASSY
23P board to board extension jig cable	GGD1805	Diagnosis for DIGITAL MAIN ASSY, DAC HIGH ASSY
27P board to board extension jig cable	GGD1799	Diagnosis for DIGITAL MAIN ASSY, DAC HIGH ASSY
30P + 28P board to board extension jig cable	GGD1806	Diagnosis for DIGITAL MAIN ASSY, DAC HIGH ASSY
28P + 14P board to board extension jig cable	GGD1763	Diagnosis for DAC HIGH ASSY

[2] Lubricants and Glues List

Name	Lubricants and Glues No.	Remarks
Silicone Grease	ZLB-PN397B	Refer to “9.5 FRONT SECTION”

A

B

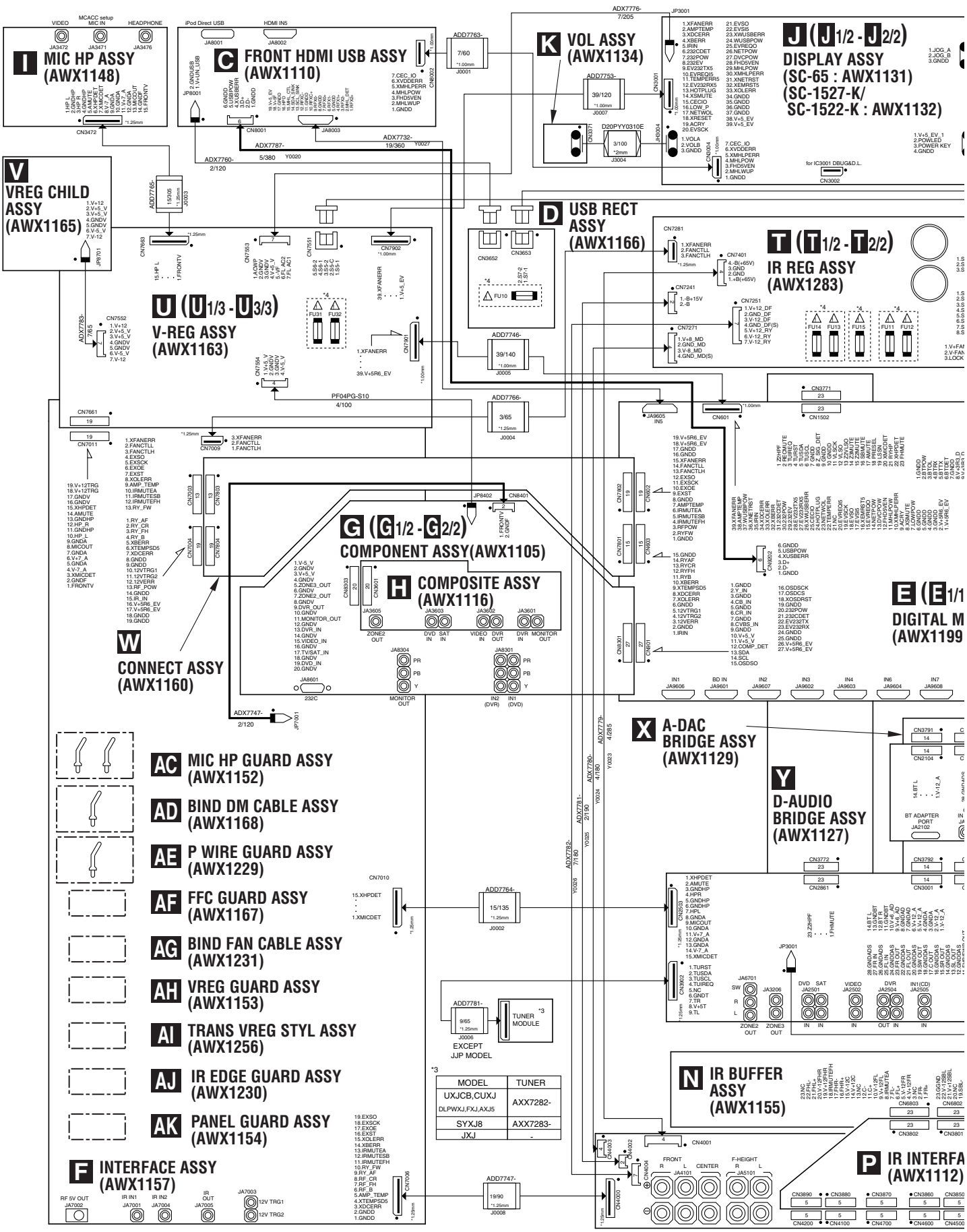
C

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.

*4 ⚠

MODEL		FU1	FU4	FU10	FU11,FU12	FU13,FU14	FU15	FU21,FU22	FU31,FU32
SC-65 SC-1527-K SC-1522-K	UXJCB CUXJ	REK1154- (10A/125V)	REK1139- (T2A H/250V)	REK1151- (6A/125V)	REK1143- (1.25A/125V)	REK1142- (1A/125V)	REK1143- (1.25A/125V)	REK1143- (1.25A/125V)	REK1144- (1.6A/125V)
SC-LX56	JXJ	REK1154- (10A/125V)	REK1139- (T2A H/250V)	REK1151- (6A/125V)	REK1143- (1.25A/125V)	REK1142- (1A/125V)	REK1143- (1.25A/125V)	REK1143- (1.25A/125V)	REK1144- (1.6A/125V)
SC-LX56	SYXJ8	AEK1061- (T5A L/250V)	REK1104- (T4A H/250V)	AEK1061- (T5A L/250V)	AEK7073- (T1A L/250V)	AEK7072- (T800mA L/250V)	AEK7073- (T1A L/250V)	AEK7072- (T800mA L/250V)	AEK7072- (T800mA L/250V)
SC-LX56	DLPWXJ AXJ5	AEK1061- (T5A L/250V)	REK1104- (T4A H/250V)	AEK1061- (T5A L/250V)	AEK7073- (T1A L/250V)	AEK7072- (T800mA L/250V)	AEK7073- (T1A L/250V)	AEK7072- (T800mA L/250V)	AEK7072- (T800mA L/250V)
SC-LX56	FXJ	DEK1045- (T10A L/250V)	REK1139- (T2A H/250V)	AEK1061- (T5A L/250V)	AEK7073- (T1A L/250V)	AEK7072- (T800mA L/250V)	AEK7073- (T1A L/250V)	AEK7072- (T800mA L/250V)	AEK7072- (T800mA L/250V)

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

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

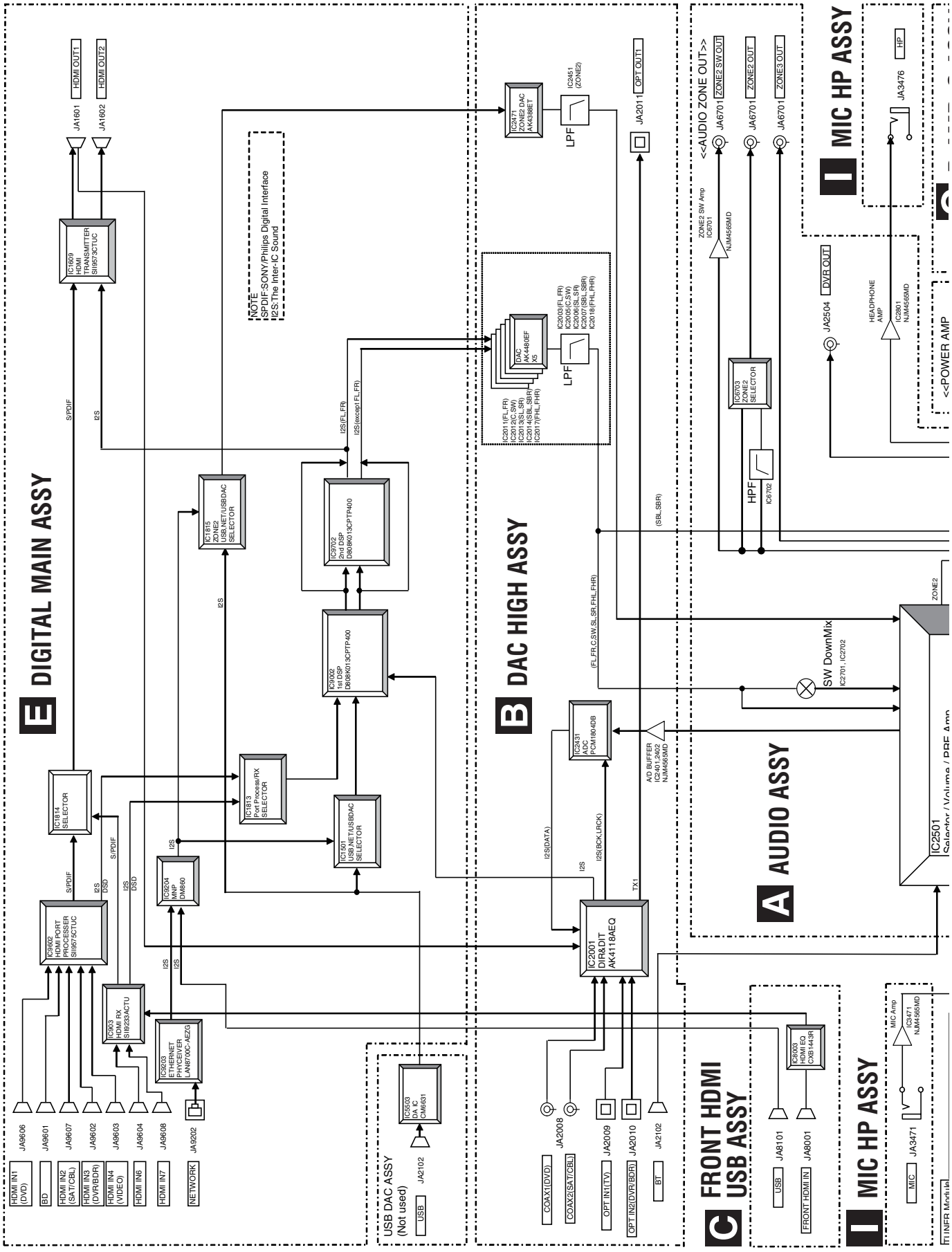
*1 ⚠

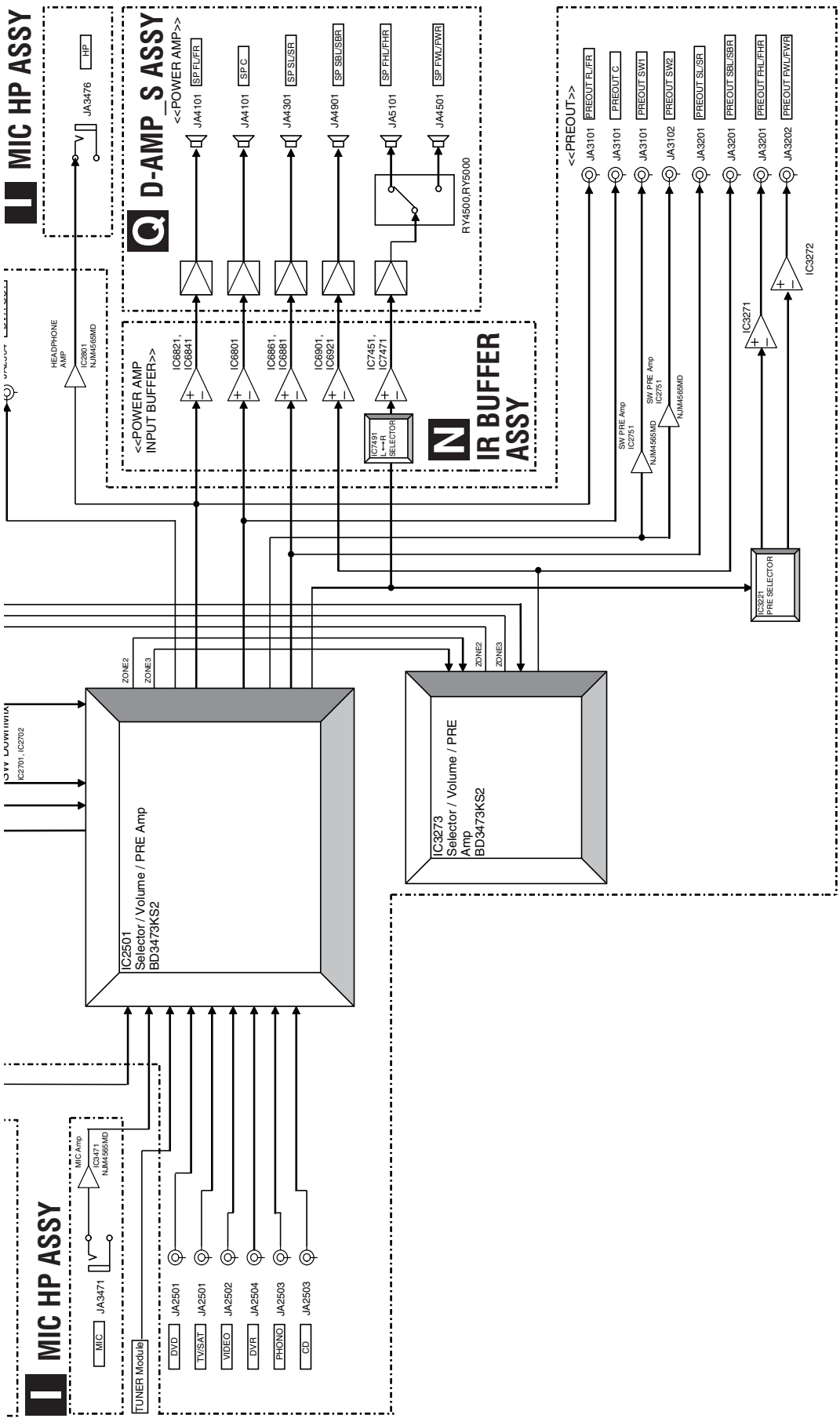
MODEL		MAIN TRANS	AC CORD
SC-65 SC-1527-K SC-1522-K	UXJCB CUXJ	ATS7455-A	ADG7118-A
SC-LX56	SYXJ8	ATS7452-A	ADG7123-A
SC-LX56	FXJ	ATS7454-A	ADG7120-A
SC-LX56	DLPWXJ	ATS7452-A	ADG7123-A
SC-LX56	AXJ5	ATS7452-A	ADG7122-A
SC-LX56	JXJ	ATS7453-A	ADG7121-A

*OPTION

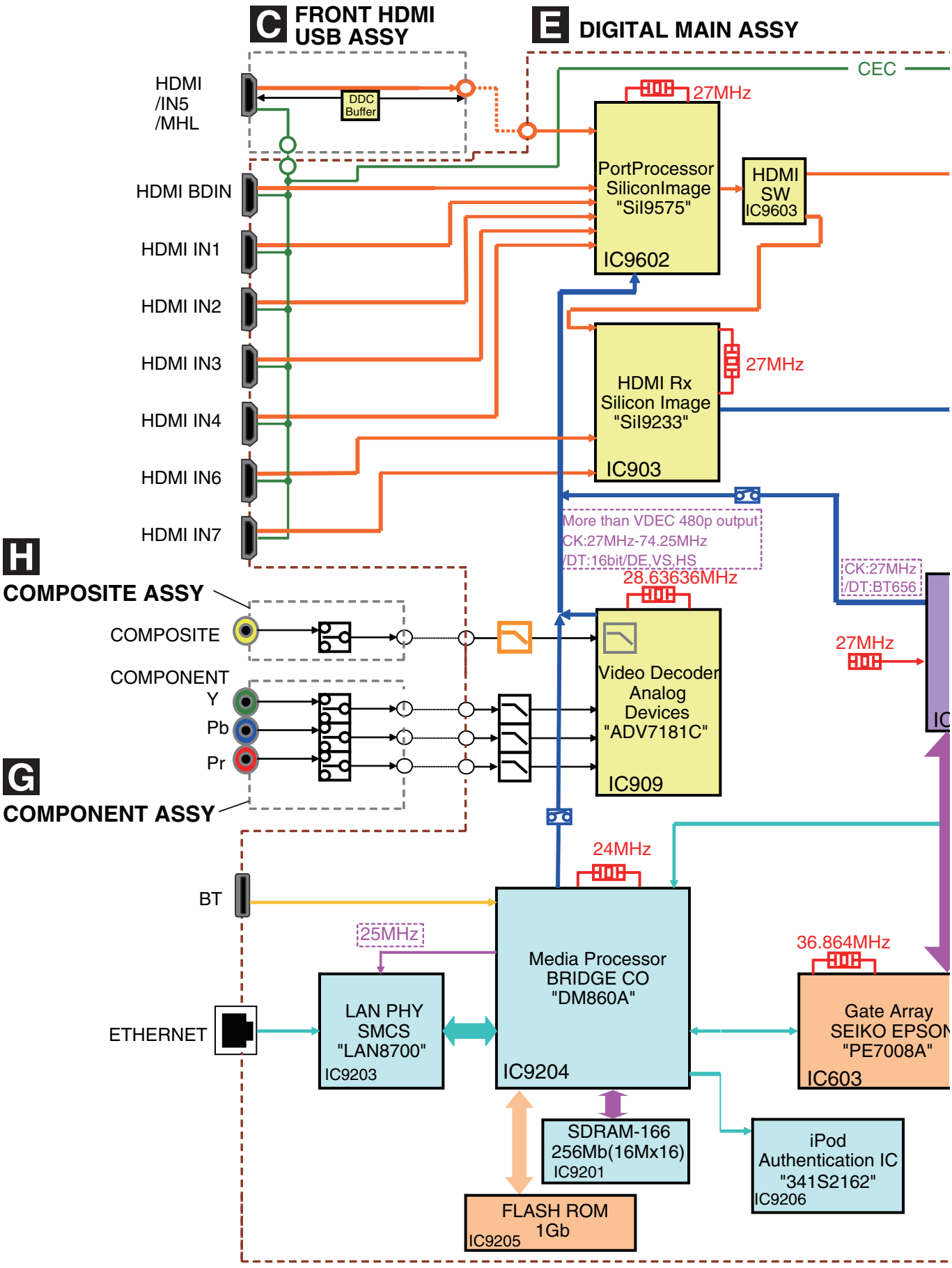
MODEL		MICROPHONE	REMO-COM	iPod CABLE	MHL CABLE	WIFI CABLE
SC-65 SC-1522-K SC-1527-K	UXJCB CUXJ	APM7010-	AXD7668-	ADE7136-	ADE7139-	——
SC-LX56	JXJ	APM7010-	AXD7669-	ADE7136-	ADE7139-	——
SC-LX56	SYXJ8	APM7010-	AXD7668-	ADE7136-	ADE7139-	ADE7137-
SC-LX56	DLPWXJ AXJ5	APM7010-	AXD7668-	ADE7136-	ADE7139-	——
SC-LX56	FXJ	APM7010-	AXD7668-	ADE7136-	ADE7139-	——

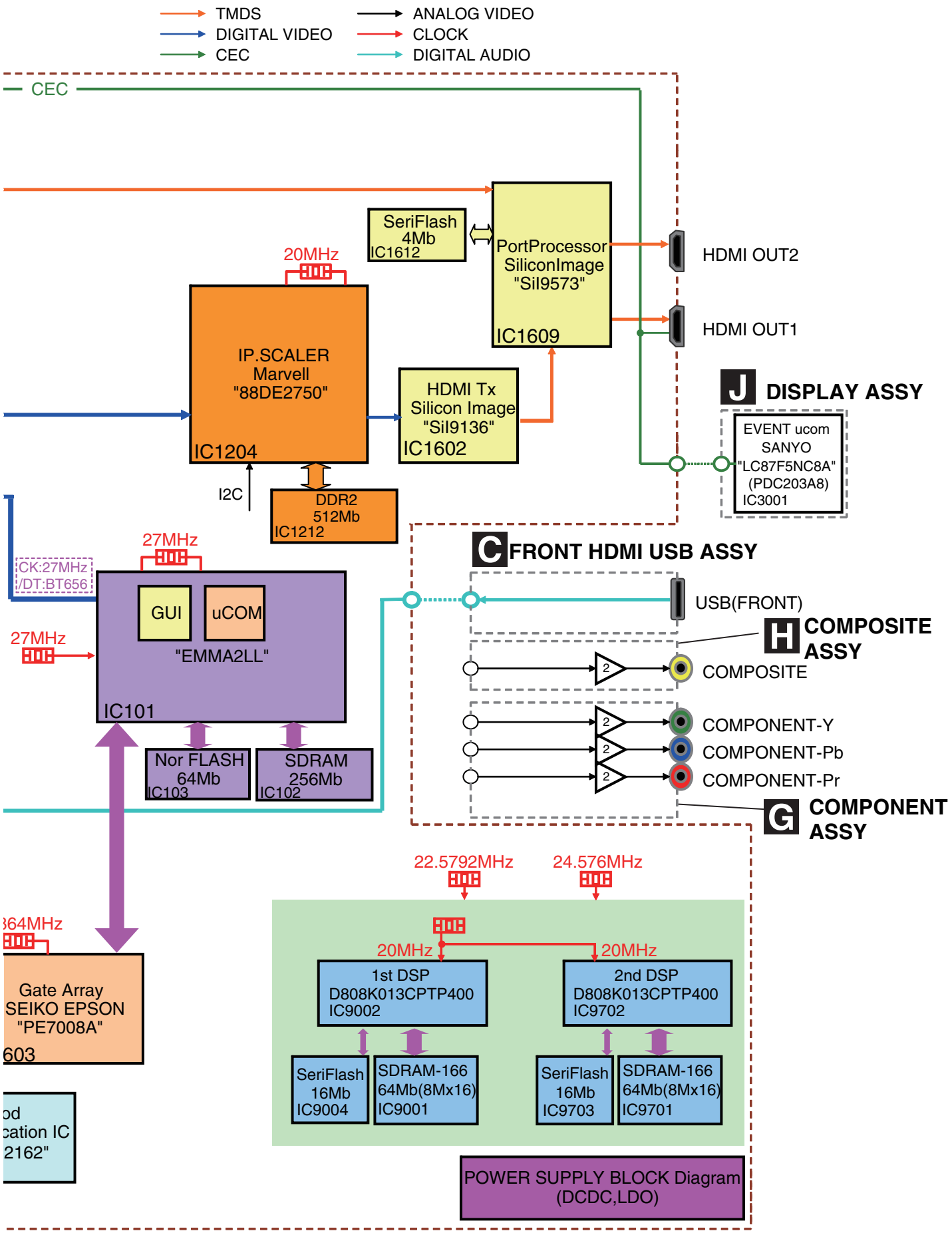
4.2 BLOCK DIAGRAM FOR AUDIO BLOCK



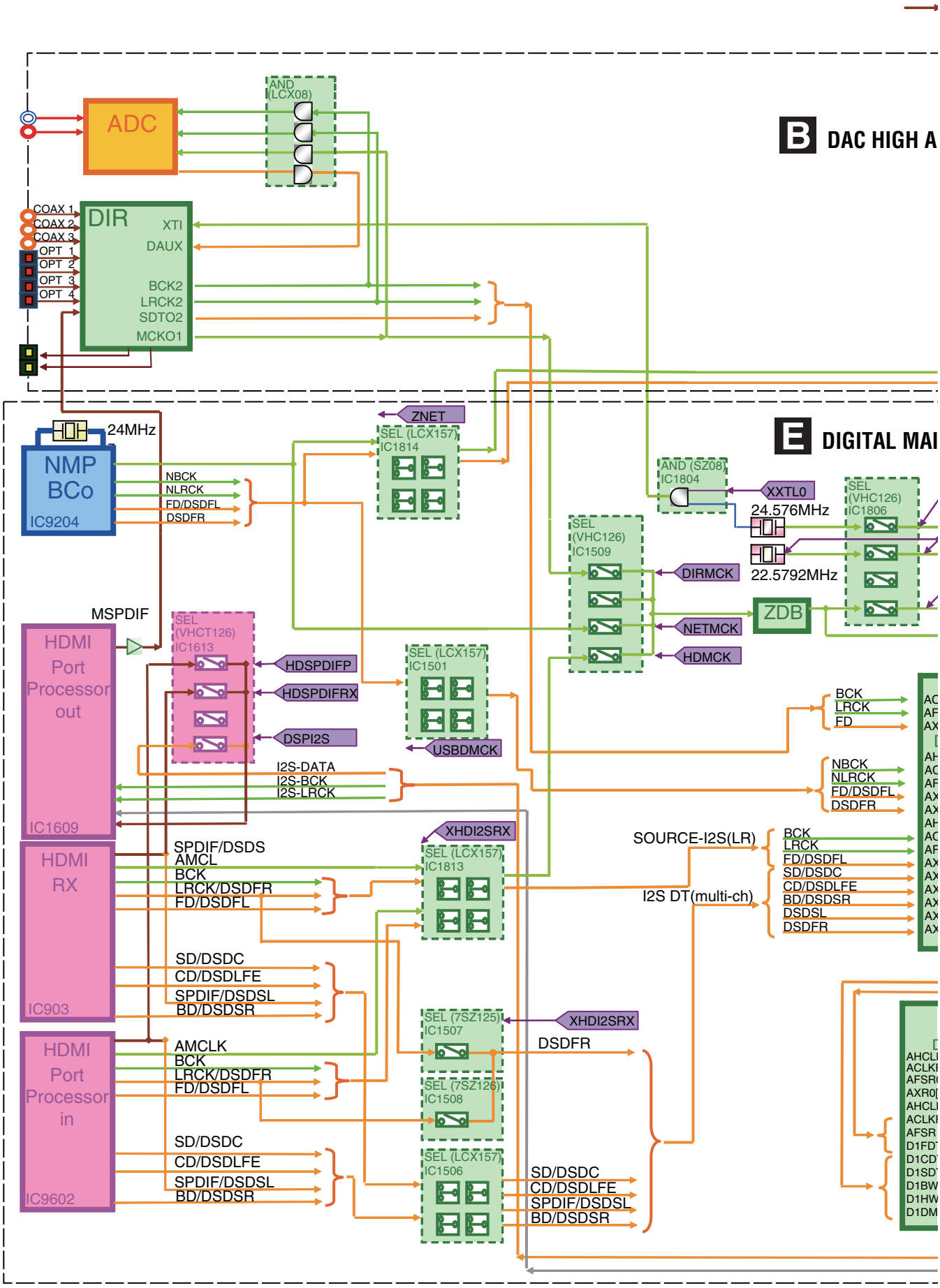

L MIC HP ASSY
HP
JA3476
Q D-AMP_S ASSY
<<POWER AMP>>
JA4101 SP FL/FR
JA4101 SP C
JA4301 SP SL/SR
JA4901 SP SBL/SBR
JA5101 SP FHL/FHR
JA4501 SP FWL/FWR
RY4500,RY5000
<<PREOUT>>
JA3101 PREOUT FL/FR
JA3101 PREOUT C
JA3101 PREOUT SW1
JA3102 PREOUT SW2
JA3201 PREOUT SL/SR
JA3201 PREOUT SBL/SBR
JA3201 PREOUT FHL/FHR
JA3202 PREOUT FWL/FWR
HEADPHONE AMP
IC2801 NJM4565MD
<<POWER AMP INPUT BUFFER>>
IC6821, IC6841
IC6801
IC6861, IC6881
IC6901, IC6921
IC7451, IC7471
IC7491 L↔R SELECTOR
N IR BUFFER ASSY
SW PRE Amp IC2751
NJM4565MD
IC3271
IC3272
IC3221 PRE SELECTOR
ZONE2
ZONE3
IC2701, IC2702
IC2501 Selector / Volume / PRE Amp BD3473KS2
IC3273 Selector / Volume / PRE Amp BD3473KS2
I MIC HP ASSY
MIC Amp
IC3471 NJM4565MD
MIC
JA3471
TUNER Module
DVD JA2501
TV/SAT JA2501
VIDEO JA2502
DVR JA2504
PHONO JA2503
CD JA2503

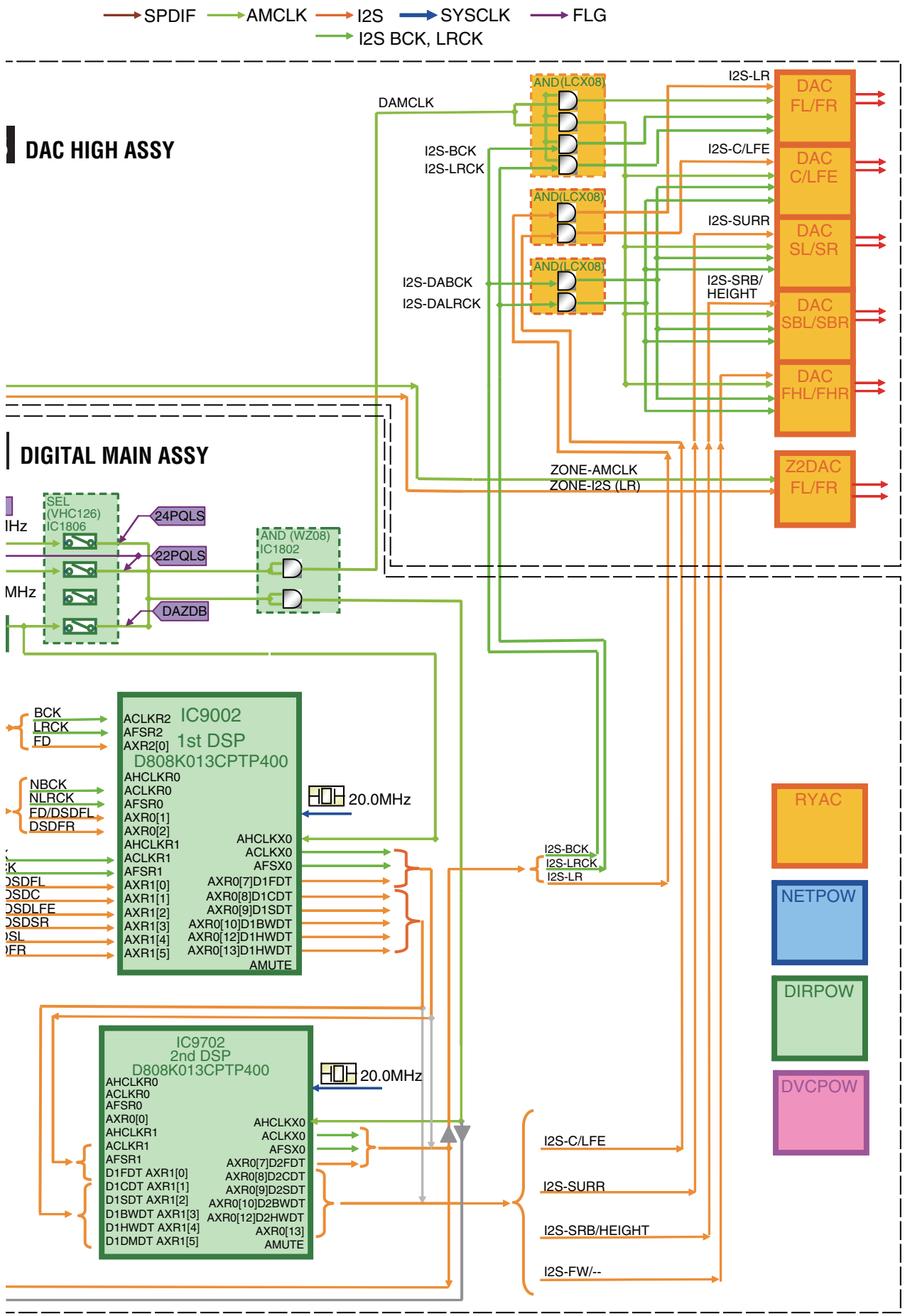
4.3 BLOCK DIAGRAM FOR DIGITAL MAIN VIDEO BLOCK



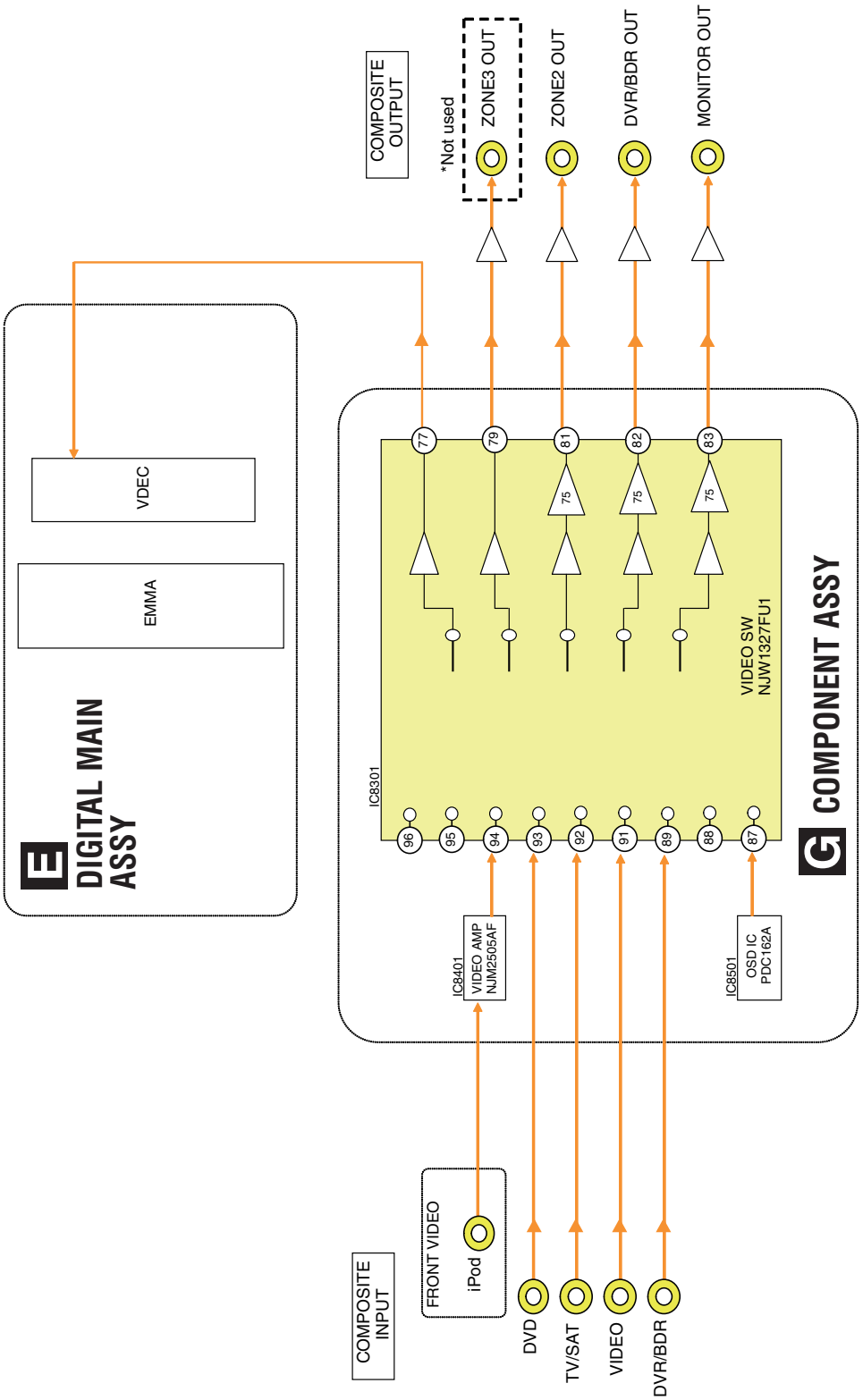

TMDS
DIGITAL VIDEO
CEC
ANALOG VIDEO
CLOCK
DIGITAL AUDIO
CEC
SeriFlash
4Mb
IC1612
PortProcessor
SiliconImage
"Sil9573"
IC1609
HDMI OUT2
HDMI OUT1
20MHz
IP.SCALER
Marvell
"88DE2750"
IC1204
HDMI Tx
Silicon Image
"Sil9136"
IC1602
J DISPLAY ASSY
EVENT ucom
SANYO
"LC87F5NC8A"
(PDC203A8)
IC3001
I2C
DDR2
512Mb
IC1212
27MHz
CK:27MHz
/DT:BT656
GUI
uCOM
"EMMA2LL"
IC101
27MHz
C FRONT HDMI USB ASSY
USB(FRONT)
H COMPOSITE ASSY
COMPOSITE
COMPONENT-Y
COMPONENT-Pb
COMPONENT-Pr
G COMPONENT ASSY
Nor FLASH
64Mb
IC103
SDRAM
256Mb
IC102
22.5792MHz
24.576MHz
20MHz
20MHz
1st DSP
D808K013CPTP400
IC9002
2nd DSP
D808K013CPTP400
IC9702
SeriFlash
16Mb
IC9004
SDRAM-166
64Mb(8Mx16)
IC9001
SeriFlash
16Mb
IC9703
SDRAM-166
64Mb(8Mx16)
IC9701
Gate Array
SEIKO EPSON
"PE7008A"
603
POWER SUPPLY BLOCK Diagram
(DCDC,LDO)

4.4 BLOCK DIAGRAM FOR DIGITAL MAIN AUDIO BLOCK

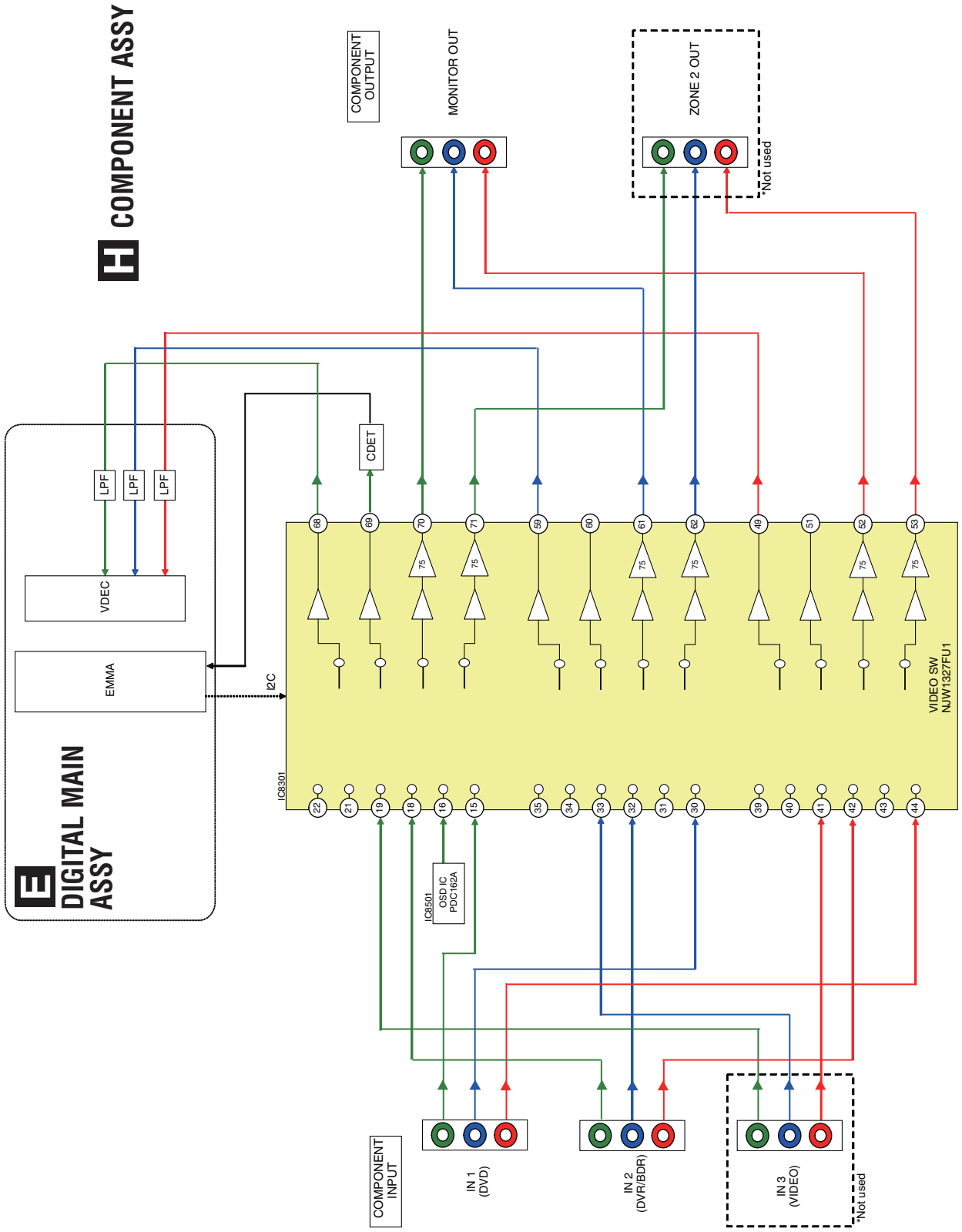



SPDIF
AMCLK
I2S
SYSCLK
FLG
I2S BCK, LRCK
DAC HIGH ASSY
DAMCLK
AND(LCX08)
I2S-BCK
I2S-LRCK
I2S-DABCK
I2S-DALRCK
I2S-LR
I2S-C/LFE
I2S-SURR
I2S-SRB/
HEIGHT
DAC
FL/FR
DAC
C/LFE
DAC
SL/SR
DAC
SBL/SBR
DAC
FHL/FHR
Z2DAC
FL/FR
ZONE-AMCLK
ZONE-I2S (LR)
DIGITAL MAIN ASSY
SEL
(VHC126)
IC1806
24PQLS
22PQLS
DAZDB
AND (WZ08)
IC1802
IHz
MHz
BCK
LRCK
FD
NBCK
NLRCK
FD/DSDFL
DSDFR
IC9002
1st DSP
D808K013CPTP400
ACLKR2
AFSR2
AXR2[0]
AHCLKR0
ACLKR0
AFSR0
AXR0[1]
AXR0[2]
AHCLKR1
ACLKR1
AFSR1
AXR1[0]
AXR1[1]
AXR1[2]
AXR1[3]
AXR1[4]
AXR1[5]
AHCLKX0
ACLKX0
AFSX0
AXR0[7]D1FDT
AXR0[8]D1CDT
AXR0[9]D1SDT
AXR0[10]D1BWDT
AXR0[12]D1HWDT
AXR0[13]D1HWDT
AMUTE
20.0MHz
I2S-BCK
I2S-LRCK
I2S-LR
RYAC
NETPOW
DIRPOW
DVCPOW
IC9702
2nd DSP
D808K013CPTP400
AHCLKR0
ACLKR0
AFSR0
AXR0[0]
AHCLKR1
ACLKR1
AFSR1
D1FDT AXR1[0]
D1CDT AXR1[1]
D1SDT AXR1[2]
D1BWDT AXR1[3]
D1HWDT AXR1[4]
D1DMDT AXR1[5]
AHCLKX0
ACLKX0
AFSX0
AXR0[7]D2FDT
AXR0[8]D2CDT
AXR0[9]D2SDT
AXR0[10]D2BWDT
AXR0[12]D2HWDT
AXR0[13]
AMUTE
20.0MHz
I2S-C/LFE
I2S-SURR
I2S-SRB/HEIGHT
I2S-FW/--

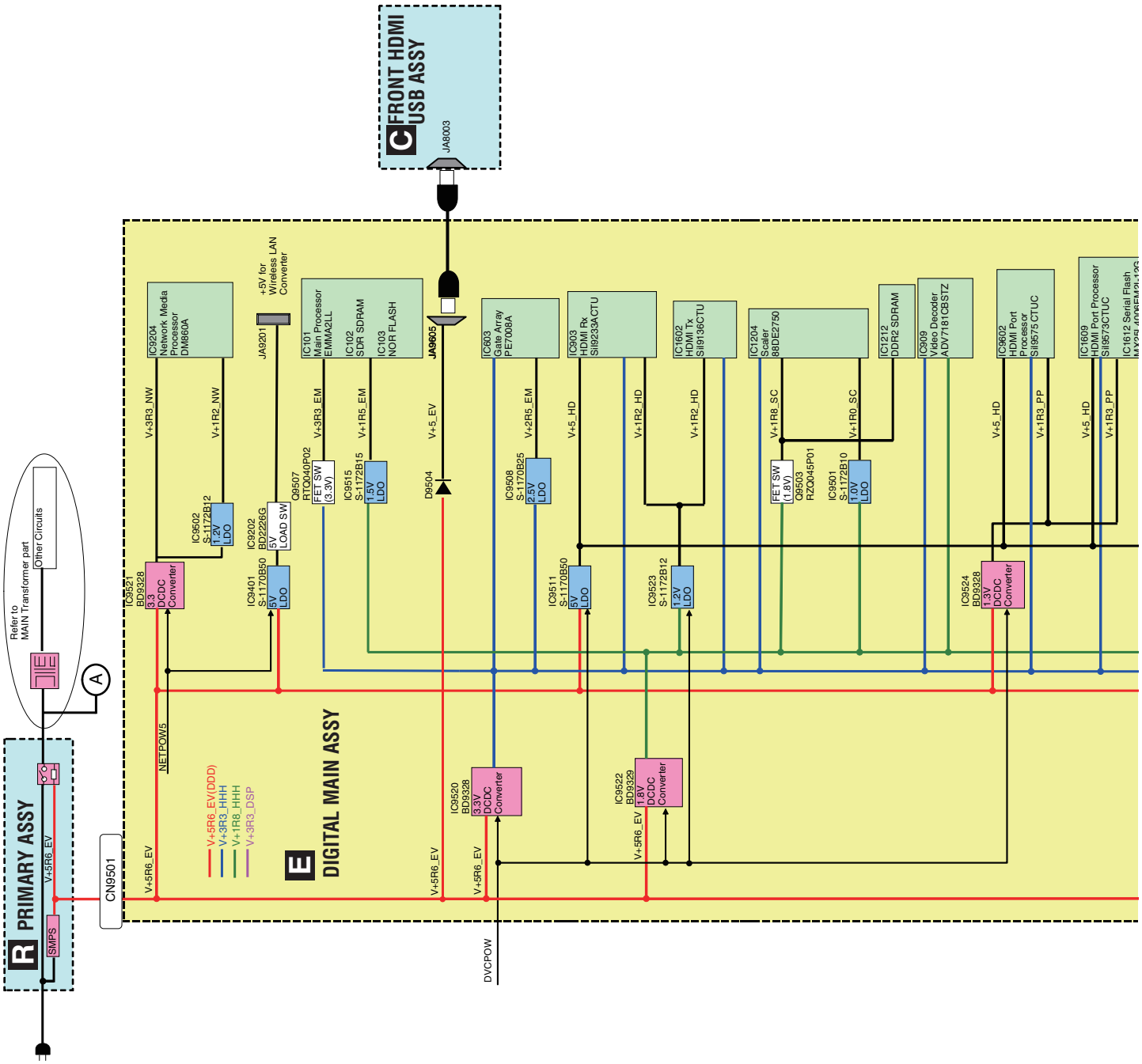
4.5 BLOCK DIAGRAM FOR COMPOSITE VIDEO BLOCK



4.6 BLOCK DIAGRAM FOR COMPONENT VIDEO BLOCK



4.7 BLOCK DIAGRAM FOR POWER BLOCK (1)



A

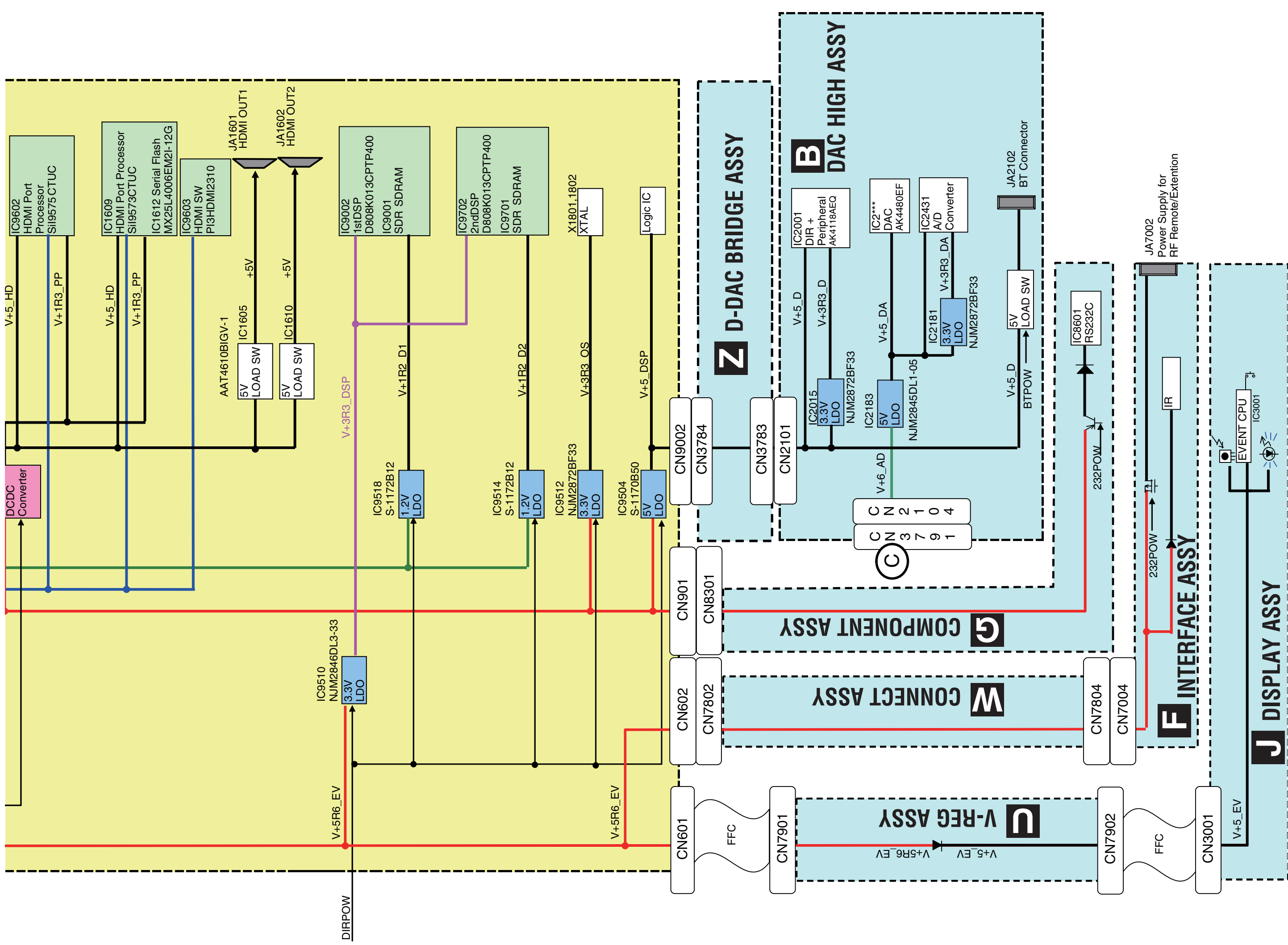
B

C

D

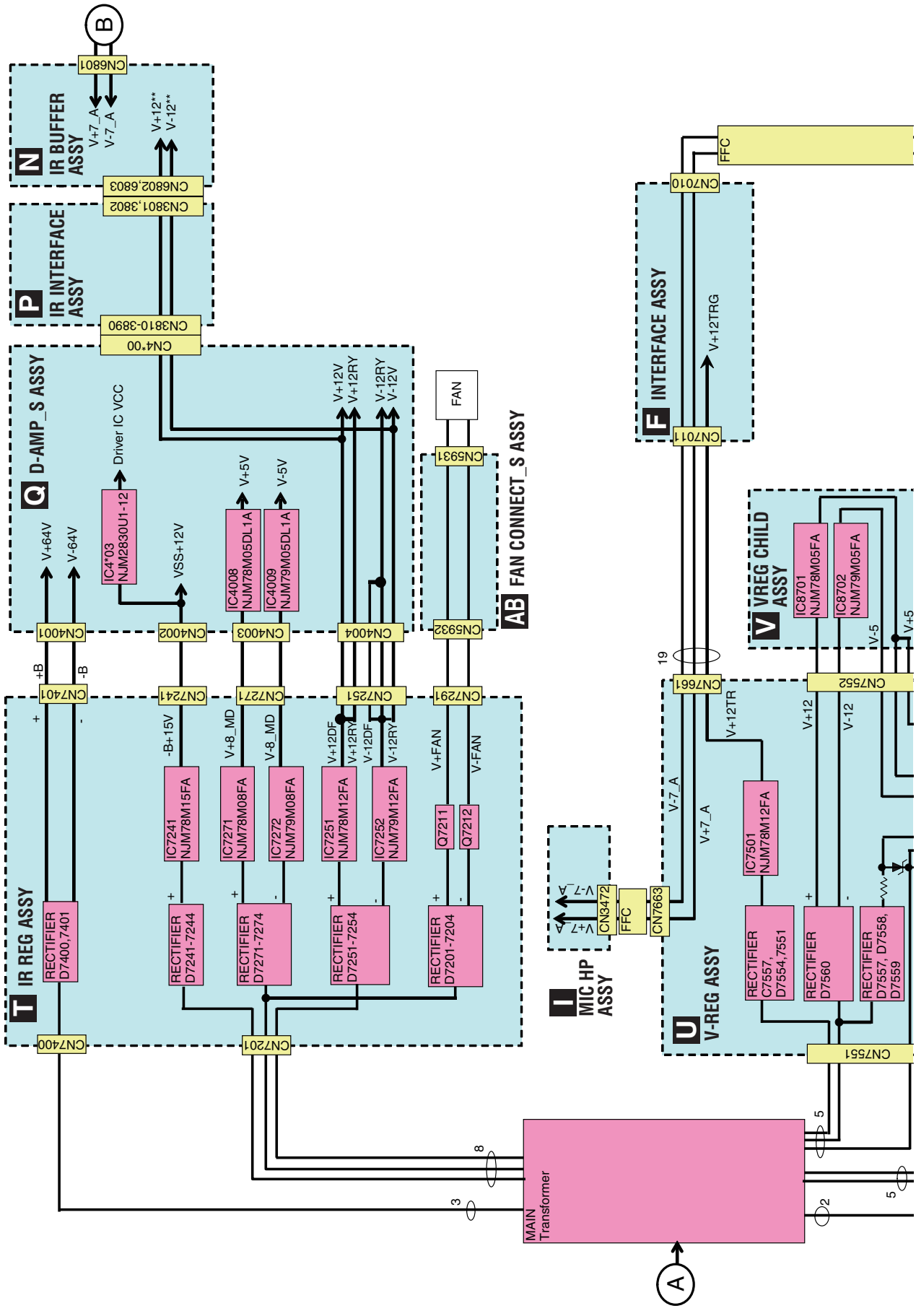
E

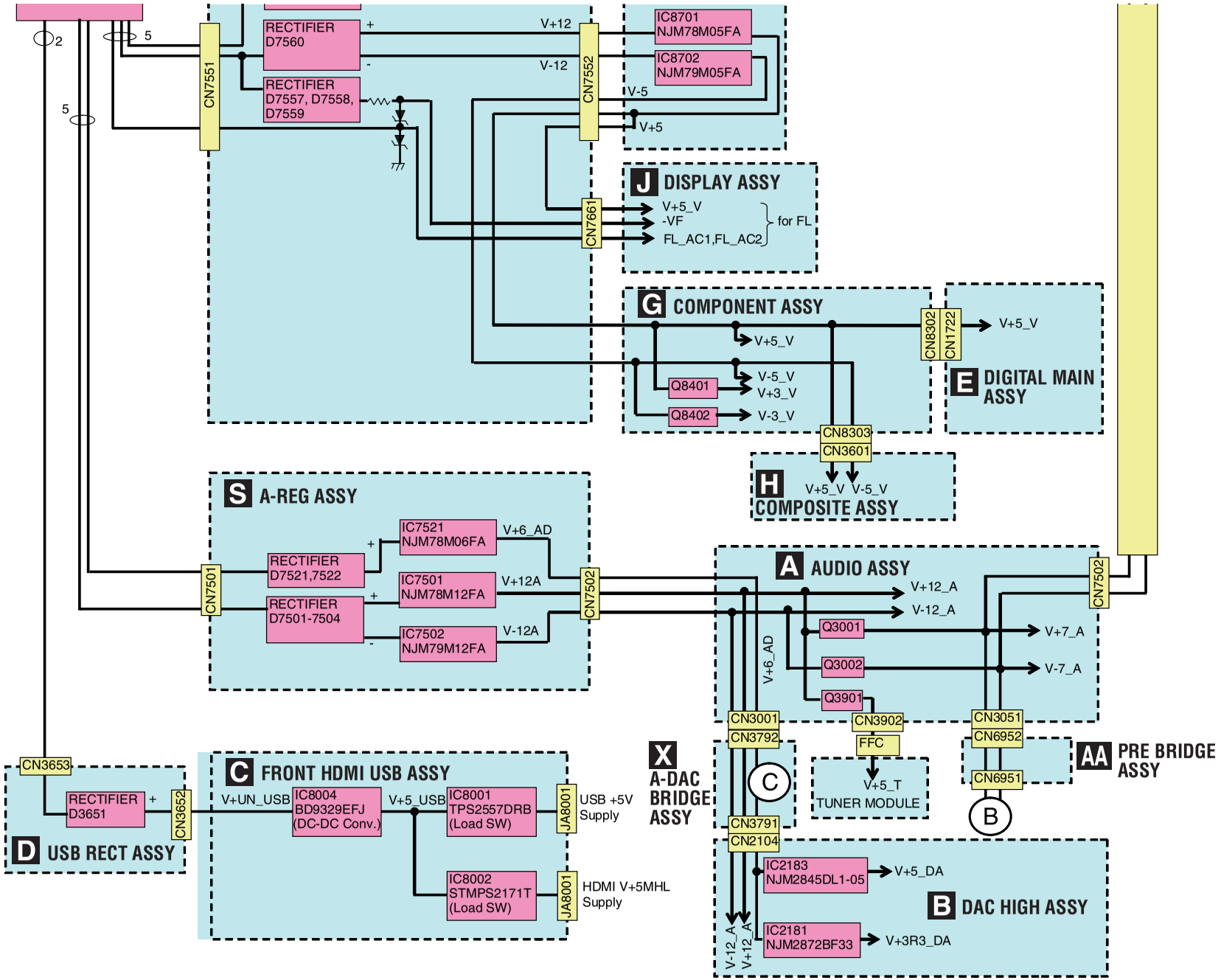
F



IC9602 HDMI Port Processor SiI9575CTUC
IC1609 HDMI Port Processor SiI9573CTUC
IC1612 Serial Flash MX25L4006EM2I-12G
IC9603 HDMI SW PI3HDMI2310
JA1601 HDMI OUT1
JA1602 HDMI OUT2
IC9002 1stDSP D808K013CPTP400
IC9001 SDR SDRAM
IC9702 2ndDSP D808K013CPTP400
IC9701 SDR SDRAM
X1801,1802 XTAL
Logic IC
V+5_HD
V+1R3_PP
AAT4610BIGV-1
IC1605 5V LOAD SW
IC1610 5V LOAD SW
+5V
V+3R3_DSP
V+1R2_D1
V+1R2_D2
V+3R3_OS
V+5_DSP
DCDC Converter
IC9518 S-1172B12 1.2V LDO
IC9514 S-1172B12 1.2V LDO
IC9512 NJM2872BF33 3.3V LDO
IC9504 S-1170B50 5V LDO
IC9510 NJM2846DL3-33 3.3V LDO
V+5R6_EV
DIRPOW
CN9002
CN3784
CN3783
CN2101
CN901
CN8301
CN602
CN7802
CN601
FFC
CN7901
Z D-DAC BRIDGE ASSY
B DAC HIGH ASSY
IC2001 DIR + Peripheral AK4118AEQ
IC2*** DAC AK4480EF
IC2431 A/D Converter
JA2102 BT Connector
V+5_D
V+3R3_D
V+5_DA
V+3R3_DA
IC2015 3.3V LDO NJM2872BF33
IC2183 5V LDO NJM2845DL1-05
IC2181 3.3V LDO NJM2872BF33
5V LOAD SW
BTPOW
V+6_AD
CN2104
CN3791
C
IC8601 RS232C
232POW
G COMPONENT ASSY
W CONNECT ASSY
CN7804
CN7004
JA7002 Power Supply for RF Remote/Extention
IR
F INTERFACE ASSY
EVENT CPU
IC3001
J DISPLAY ASSY
V+5_EV
U V-REG ASSY
V+5R6_EV
V+5_EV
CN7902
CN3001

4.8 BLOCK DIAGRAM FOR POWER BLOCK (2)

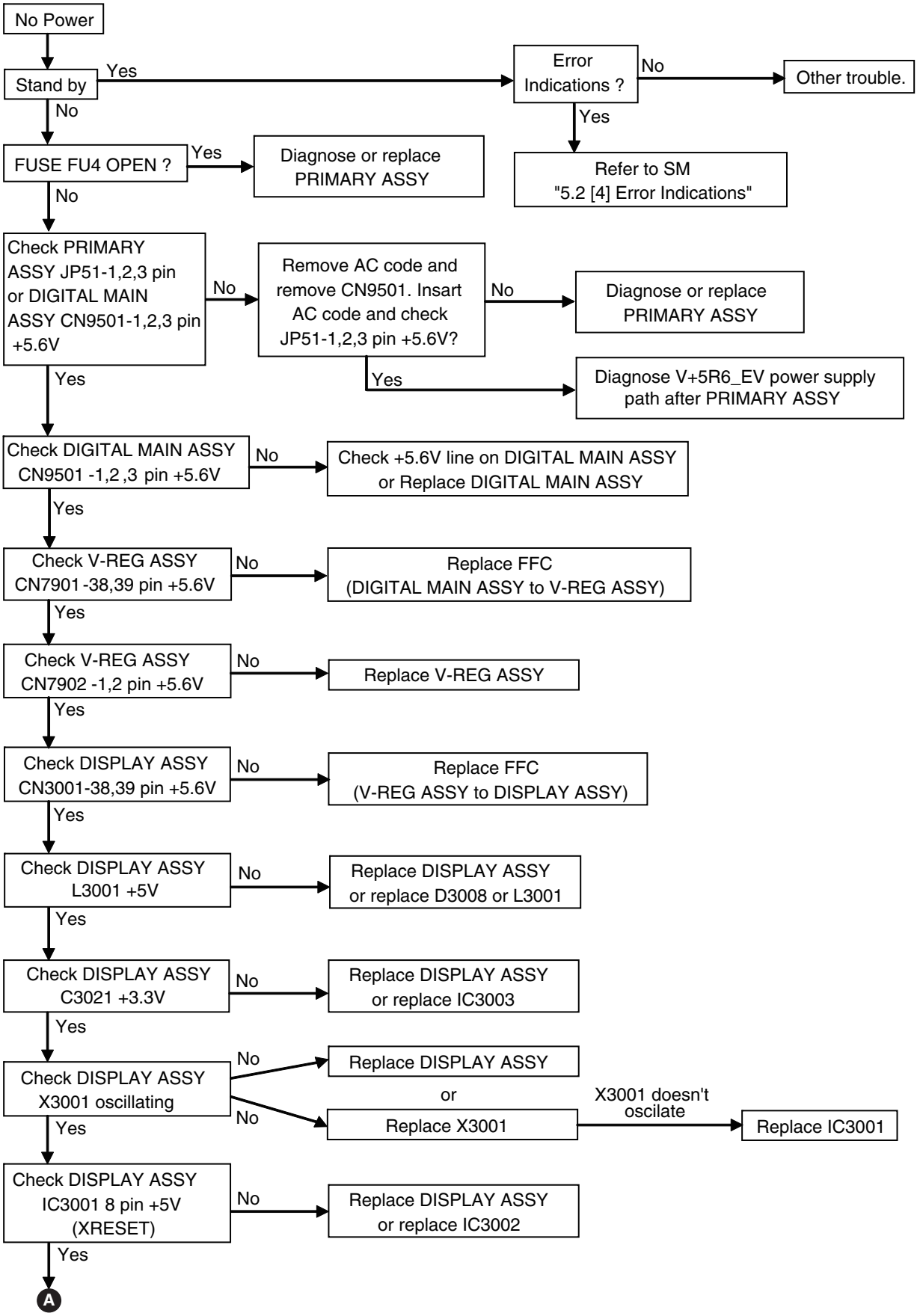


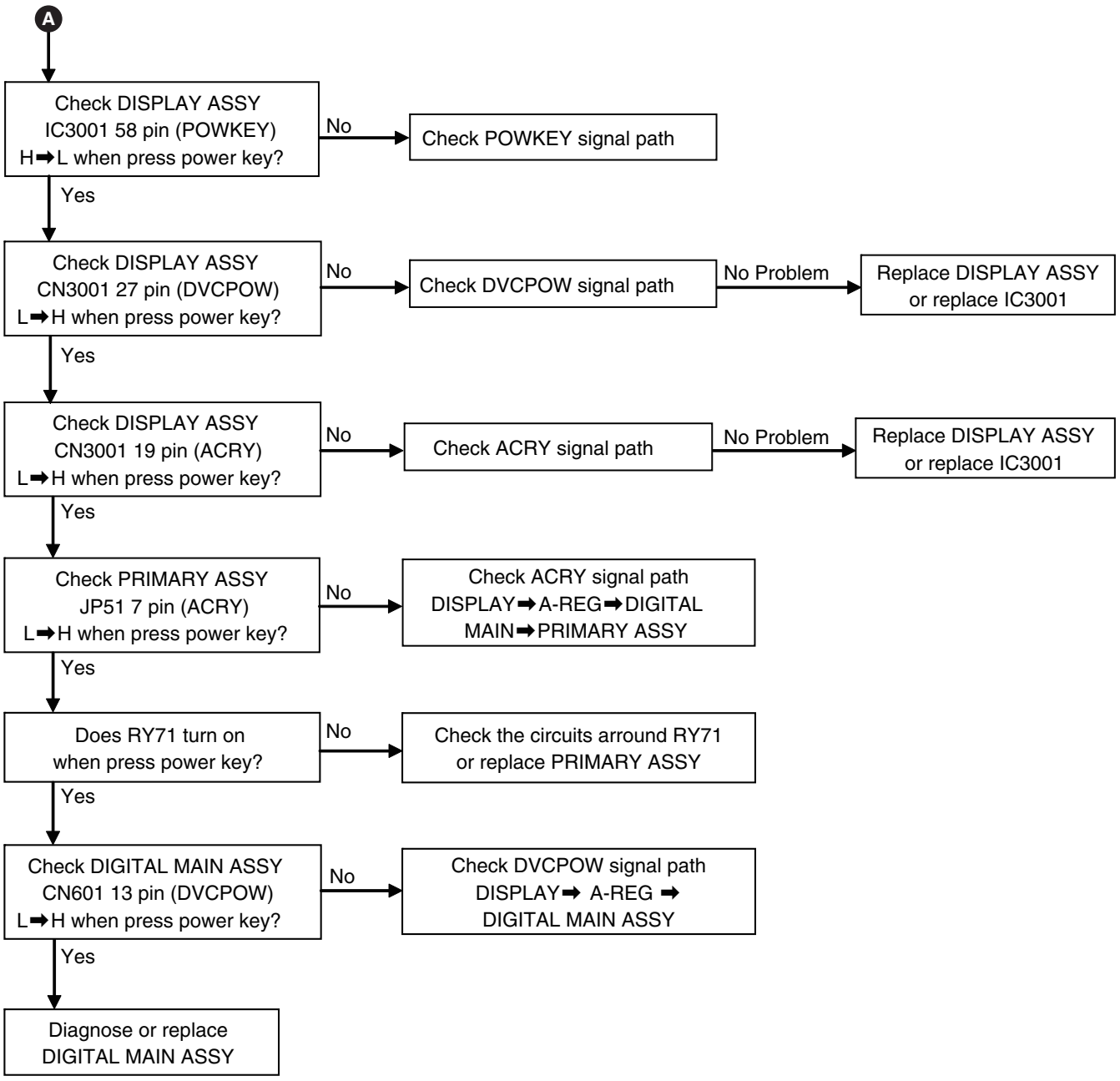

RECTIFIER D7560
RECTIFIER D7557, D7558, D7559
CN7551
CN7552
V+12
V-12
IC8701 NJM78M05FA
IC8702 NJM79M05FA
V-5
V+5
J DISPLAY ASSY
CN7661
V+5_V
-VF
FL_AC1,FL_AC2
for FL
G COMPONENT ASSY
CN8302
CN1722
E DIGITAL MAIN ASSY
Q8401
Q8402
V-5_V
V+3_V
V-3_V
CN8303
CN3601
H COMPOSITE ASSY
S A-REG ASSY
CN7501
CN7502
RECTIFIER D7521,7522
RECTIFIER D7501-7504
IC7521 NJM78M06FA
IC7501 NJM78M12FA
IC7502 NJM79M12FA
V+6_AD
V+12A
V-12A
A AUDIO ASSY
V+12_A
V-12_A
Q3001
Q3002
Q3901
V+7_A
V-7_A
CN3001
CN3792
CN3902
FFC
CN3051
CN6952
CN6951
AA PRE BRIDGE ASSY
X A-DAC BRIDGE ASSY
C
B
V+5_T
TUNER MODULE
CN3791
CN2104
IC2183 NJM2845DL1-05
V+5_DA
B DAC HIGH ASSY
IC2181 NJM2872BF33
V+3R3_DA
CN3653
RECTIFIER D3651
CN3652
D USB RECT ASSY
C FRONT HDMI USB ASSY
V+UN_USB
IC8004 BD9329EFJ (DC-DC Conv.)
V+5_USB
IC8001 TPS2557DRB (Load SW)
JA8001
USB +5V Supply
IC8002 STMPS2171T (Load SW)
HDMI V+5MHL Supply

5. DIAGNOSIS
5.1 DIAGNOSIS FLOWCHART

NO POWER

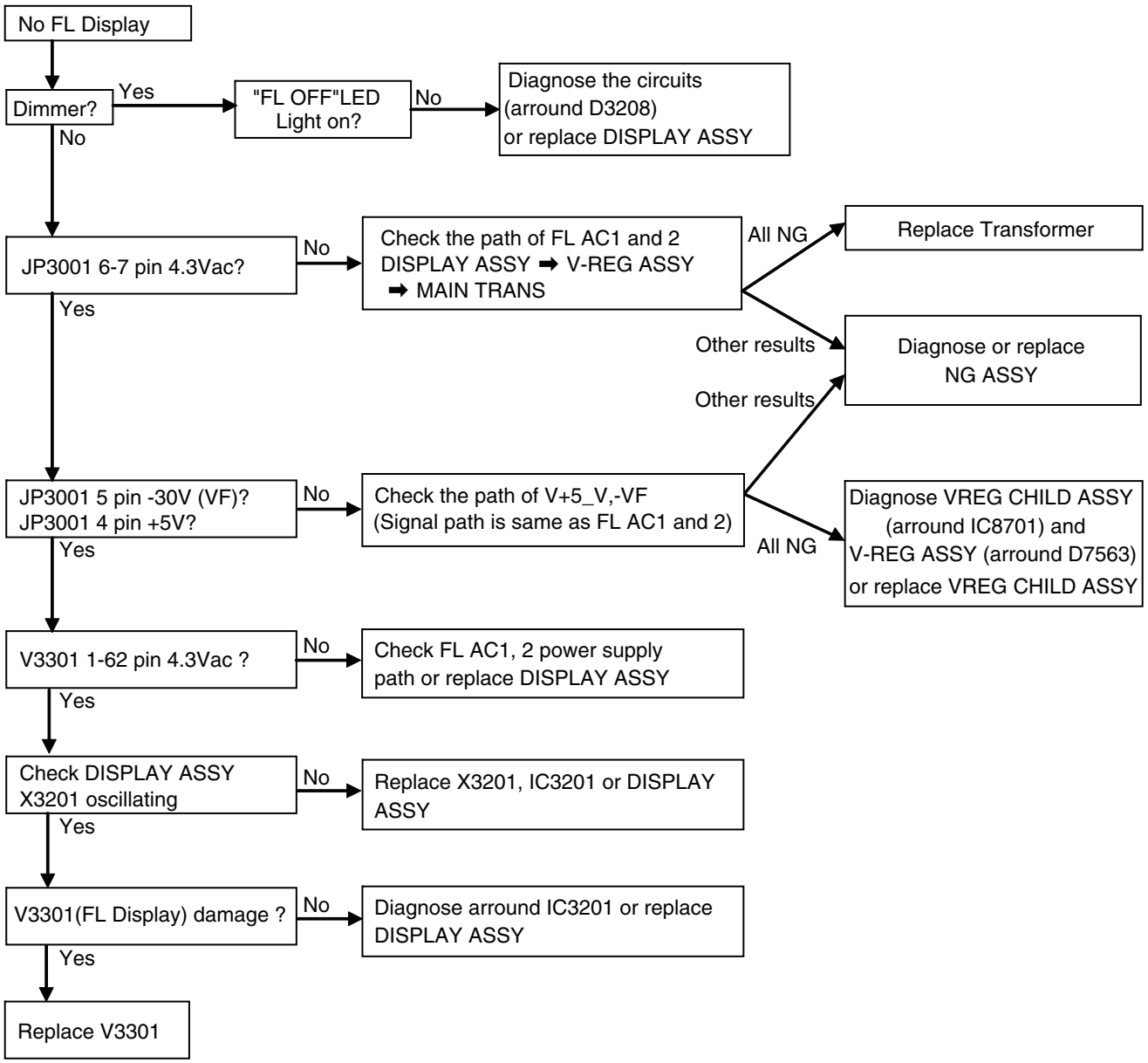
This is just for general reference and does not including every single case.




A
Check DISPLAY ASSY
IC3001 58 pin (POWKEY)
H➡L when press power key?
No
Check POWKEY signal path
Yes
Check DISPLAY ASSY
CN3001 27 pin (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 19 pin (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 7 pin (ACRY)
L➡H when press power key?
No
Check ACRY signal path
DISPLAY➡A-REG➡DIGITAL
MAIN➡PRIMARY ASSY
Yes
Does RY71 turn on
when press power key?
No
Check the circuits arround RY71
or replace PRIMARY ASSY
Yes
Check DIGITAL MAIN ASSY
CN601 13 pin (DVCPOW)
L➡H when press power key?
No
Check DVCPOW signal path
DISPLAY➡ A-REG ➡
DIGITAL MAIN ASSY
Yes
Diagnose or replace
DIGITAL MAIN ASSY

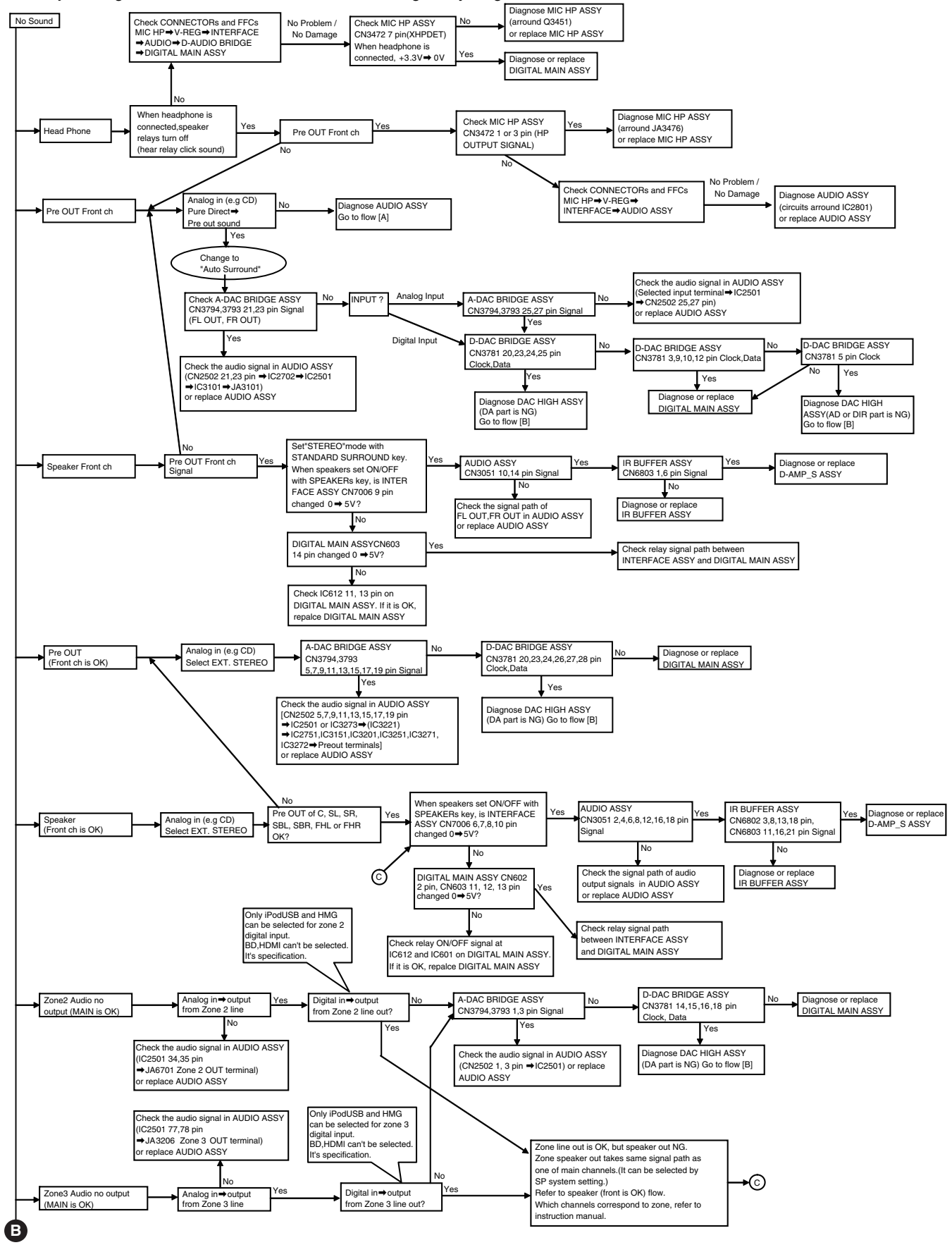
NO FL DISPLAY

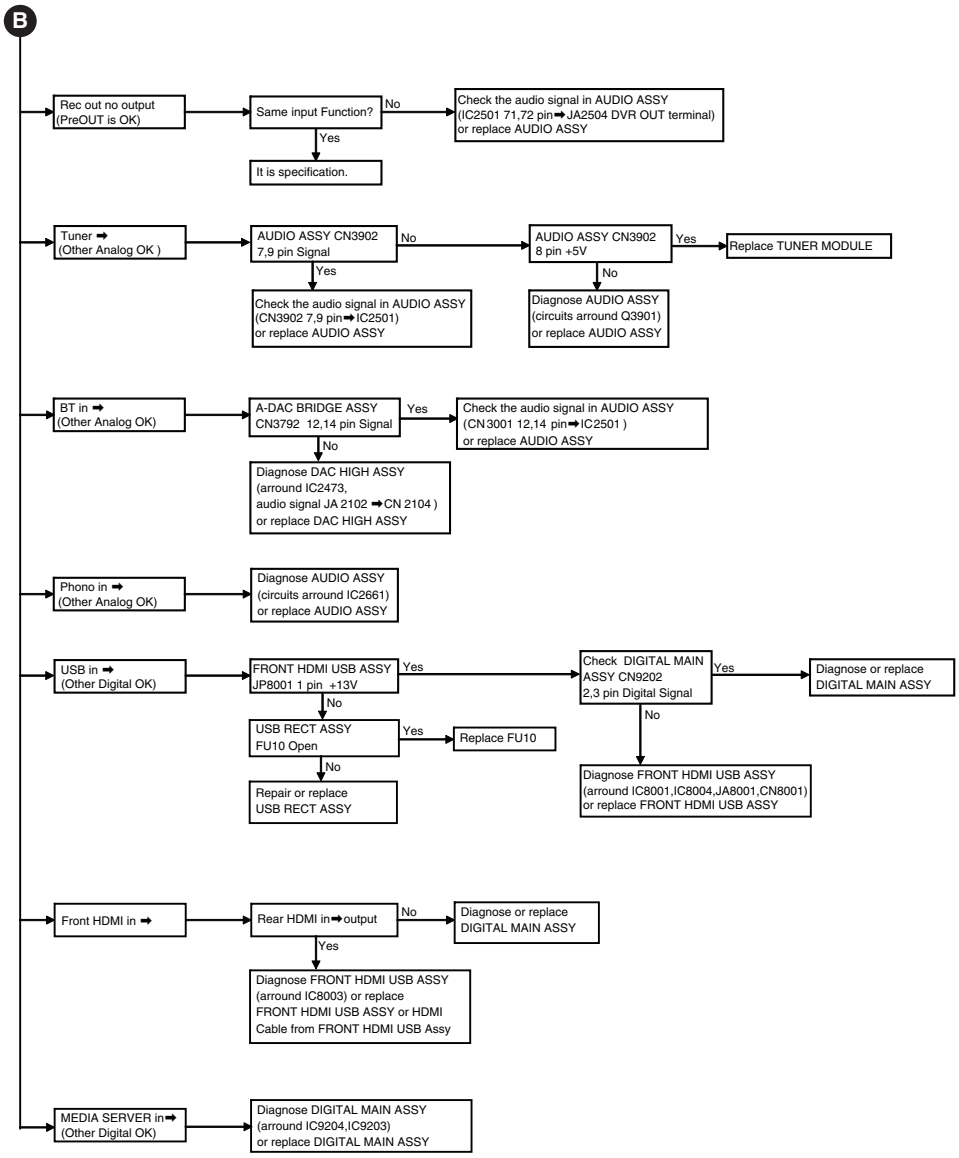
This is just for general reference and does not including every single case.

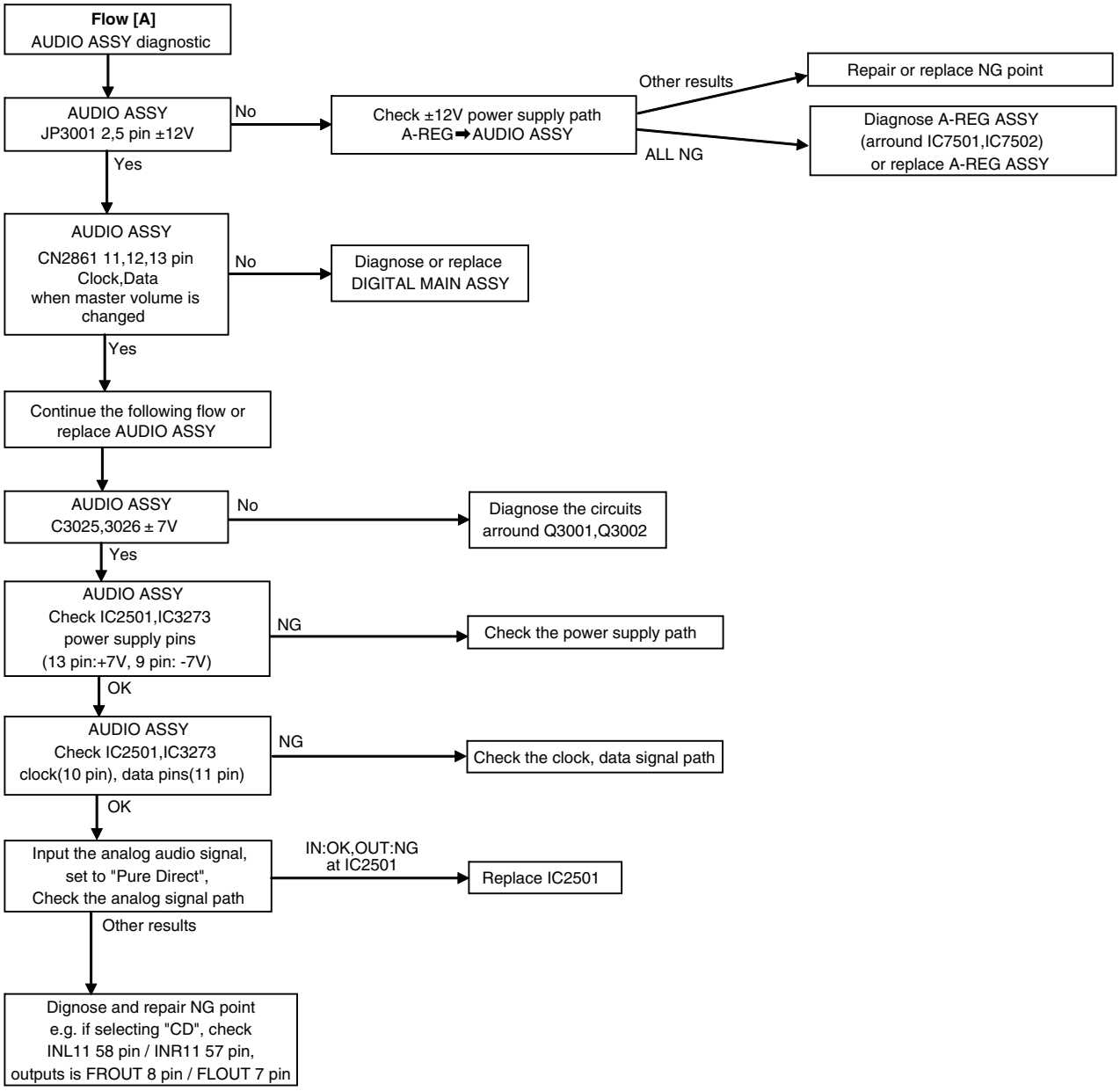


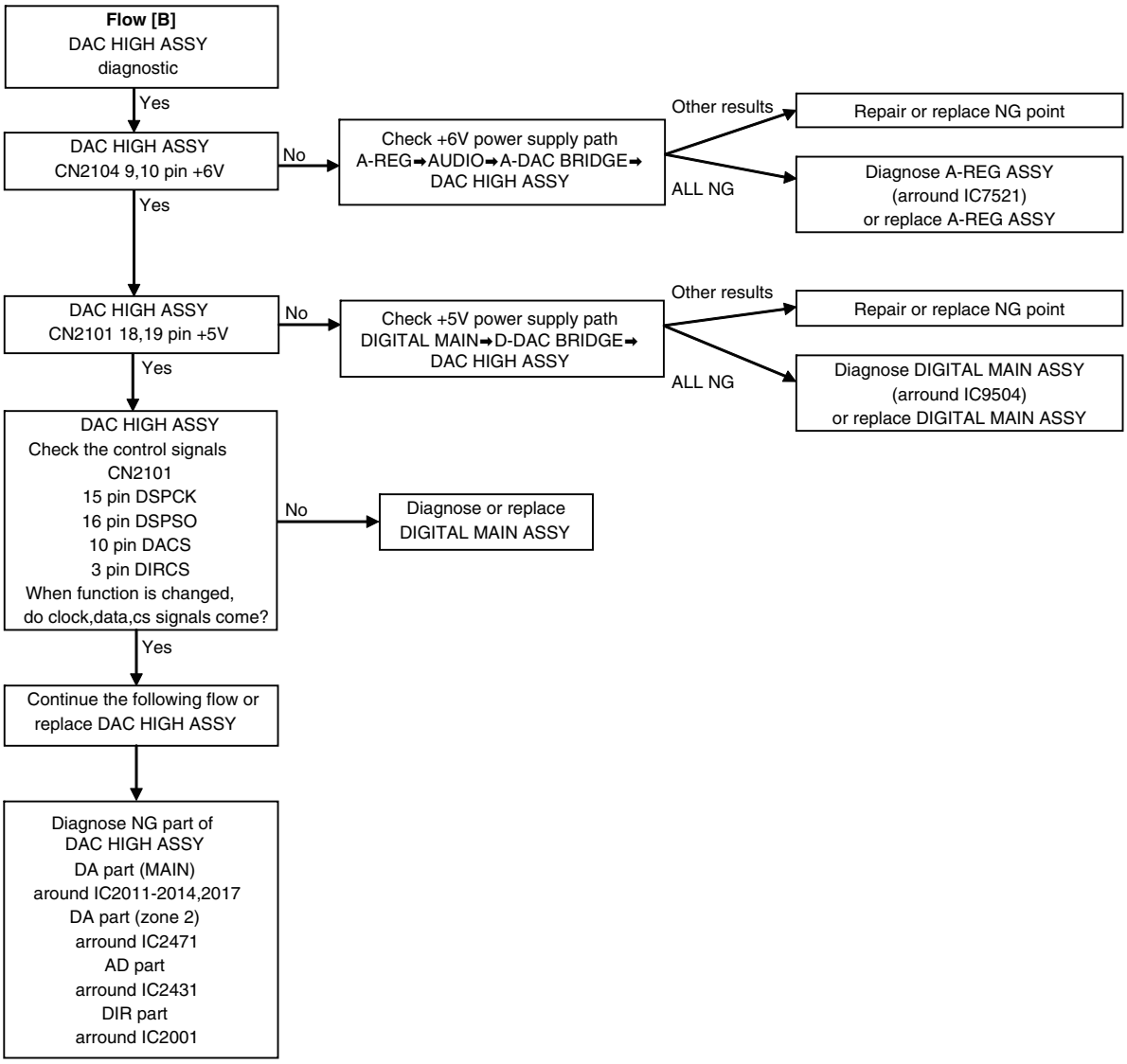
NO SOUND

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



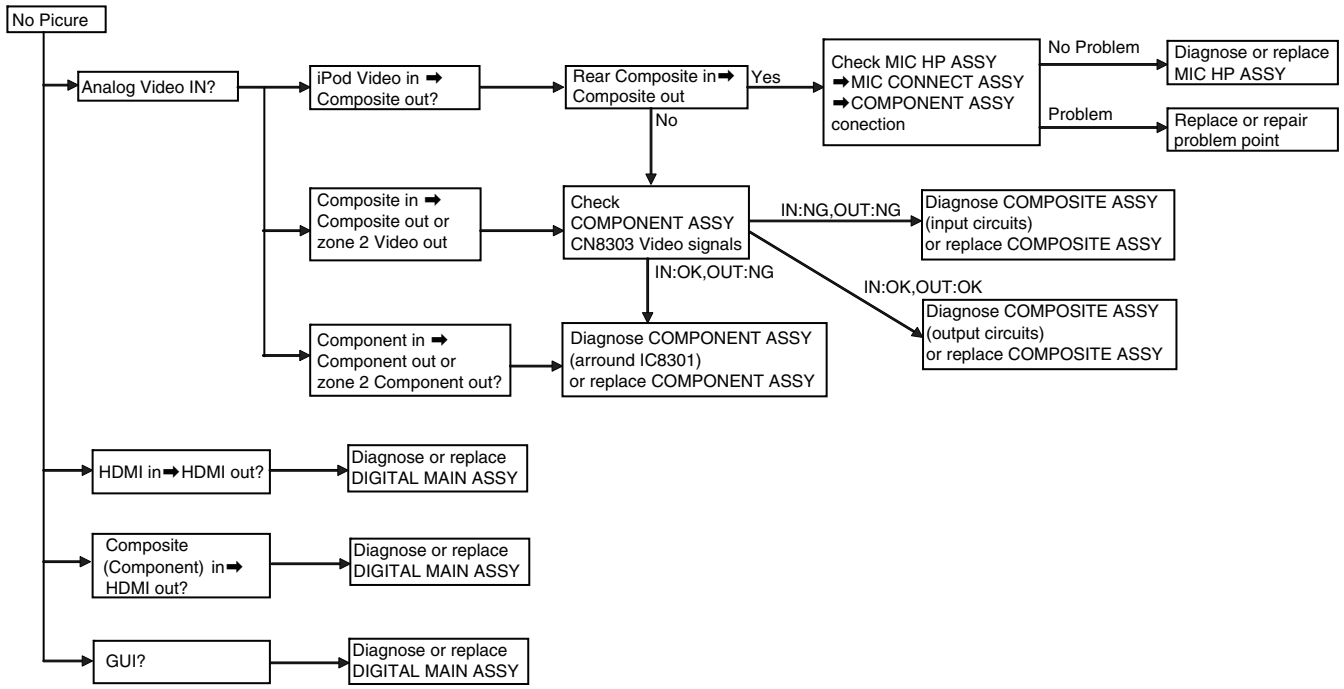

B
Rec out no output
(PreOUT is OK)
Same input Function?
No
Check the audio signal in AUDIO ASSY
(IC2501 71,72 pin➡JA2504 DVR OUT terminal)
or replace AUDIO ASSY
Yes
It is specification.
Tuner ➡
(Other Analog OK)
AUDIO ASSY CN3902
7,9 pin Signal
No
AUDIO ASSY CN3902
8 pin +5V
Yes
Replace TUNER MODULE
Yes
No
Check the audio signal in AUDIO ASSY
(CN3902 7,9 pin➡IC2501)
or replace AUDIO ASSY
Diagnose AUDIO ASSY
(circuits arround Q3901)
or replace AUDIO ASSY
BT in ➡
(Other Analog OK)
A-DAC BRIDGE ASSY
CN3792 12,14 pin Signal
Yes
Check the audio signal in AUDIO ASSY
(CN3001 12,14 pin➡IC2501)
or replace AUDIO ASSY
No
Diagnose DAC HIGH ASSY
(arround IC2473,
audio signal JA 2102 ➡CN 2104)
or replace DAC HIGH ASSY
Phono in ➡
(Other Analog OK)
Diagnose AUDIO ASSY
(circuits arround IC2661)
or replace AUDIO ASSY
USB in ➡
(Other Digital OK)
FRONT HDMI USB ASSY
JP8001 1 pin +13V
Yes
Check DIGITAL MAIN
ASSY CN9202
2,3 pin Digital Signal
Yes
Diagnose or replace
DIGITAL MAIN ASSY
No
No
USB RECT ASSY
FU10 Open
Yes
Replace FU10
No
Diagnose FRONT HDMI USB ASSY
(arround IC8001,IC8004,JA8001,CN8001)
or replace FRONT HDMI USB ASSY
Repair or replace
USB RECT ASSY
Front HDMI in ➡
Rear HDMI in➡output
No
Diagnose or replace
DIGITAL MAIN ASSY
Yes
Diagnose FRONT HDMI USB ASSY
(arround IC8003) or replace
FRONT HDMI USB ASSY or HDMI
Cable from FRONT HDMI USB Assy
MEDIA SERVER in➡
(Other Digital OK)
Diagnose DIGITAL MAIN ASSY
(arround IC9204,IC9203)
or replace DIGITAL MAIN ASSY


Flow [A]
AUDIO ASSY diagnostic
AUDIO ASSY
JP3001 2,5 pin ±12V
No
Check ±12V power supply path
A-REG➡AUDIO ASSY
Other results
Repair or replace NG point
ALL NG
Diagnose A-REG ASSY
(arround IC7501,IC7502)
or replace A-REG ASSY
Yes
AUDIO ASSY
CN2861 11,12,13 pin
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
(13 pin:+7V, 9 pin: -7V)
NG
Check the power supply path
OK
AUDIO ASSY
Check IC2501,IC3273
clock(10 pin), data pins(11 pin)
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
INL11 58 pin / INR11 57 pin,
outputs is FROUT 8 pin / FLOUT 7 pin


Flow [B]
DAC HIGH ASSY
diagnostic
Yes
DAC HIGH ASSY
CN2104 9,10 pin +6V
No
Check +6V power supply path
A-REG➡AUDIO➡A-DAC BRIDGE➡
DAC HIGH ASSY
Other results
Repair or replace NG point
ALL NG
Diagnose A-REG ASSY
(arround IC7521)
or replace A-REG ASSY
Yes
DAC HIGH ASSY
CN2101 18,19 pin +5V
No
Check +5V power supply path
DIGITAL MAIN➡D-DAC BRIDGE➡
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
15 pin DSPCK
16 pin DSPSO
10 pin DACS
3 pin DIRCS
When function is changed,
do clock,data,cs signals come?
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 (zone 2)
arround IC2471
AD part
arround IC2431
DIR part
arround IC2001

NO PICTURE

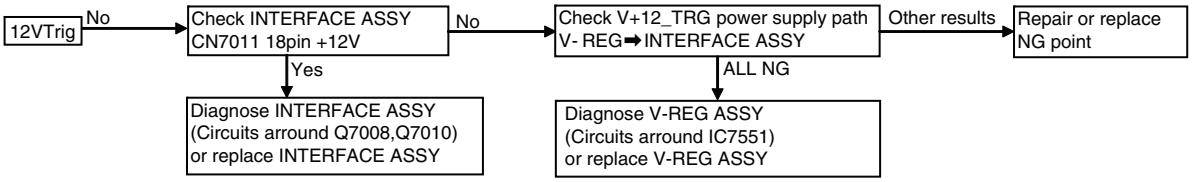
This is just for general reference and does not including every single case.



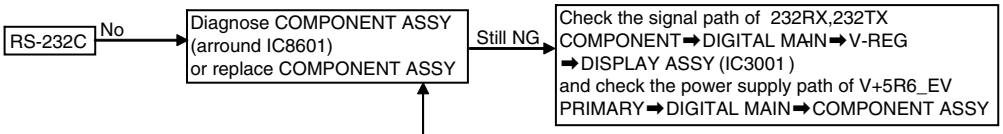
OTHER

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

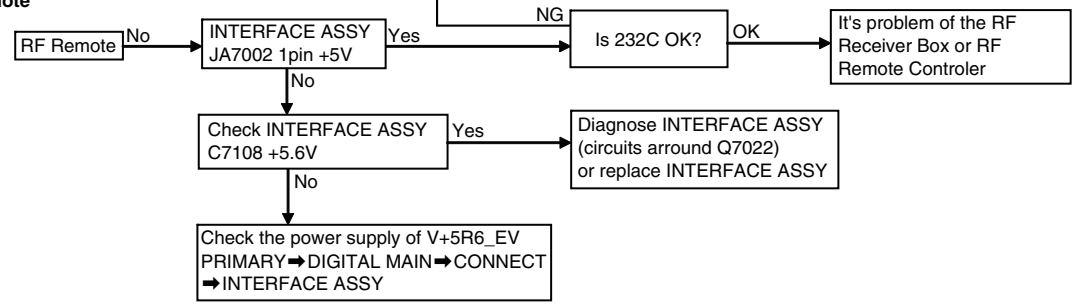
12V Trig



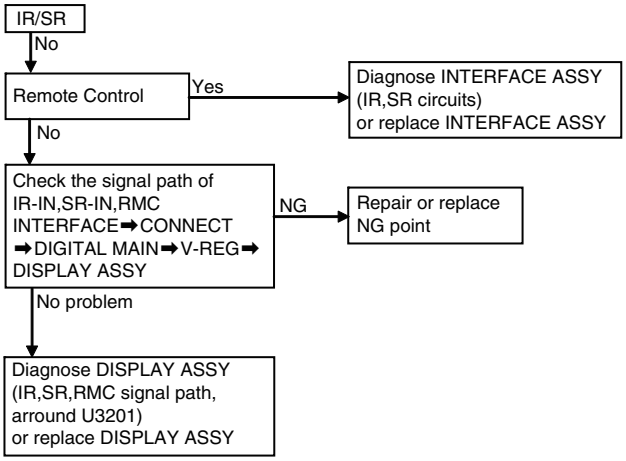
RS-232C



RF Remote



IR/SR



5.2 CIRCUIT DESCRIPTION

[1] Protection Circuit Process List

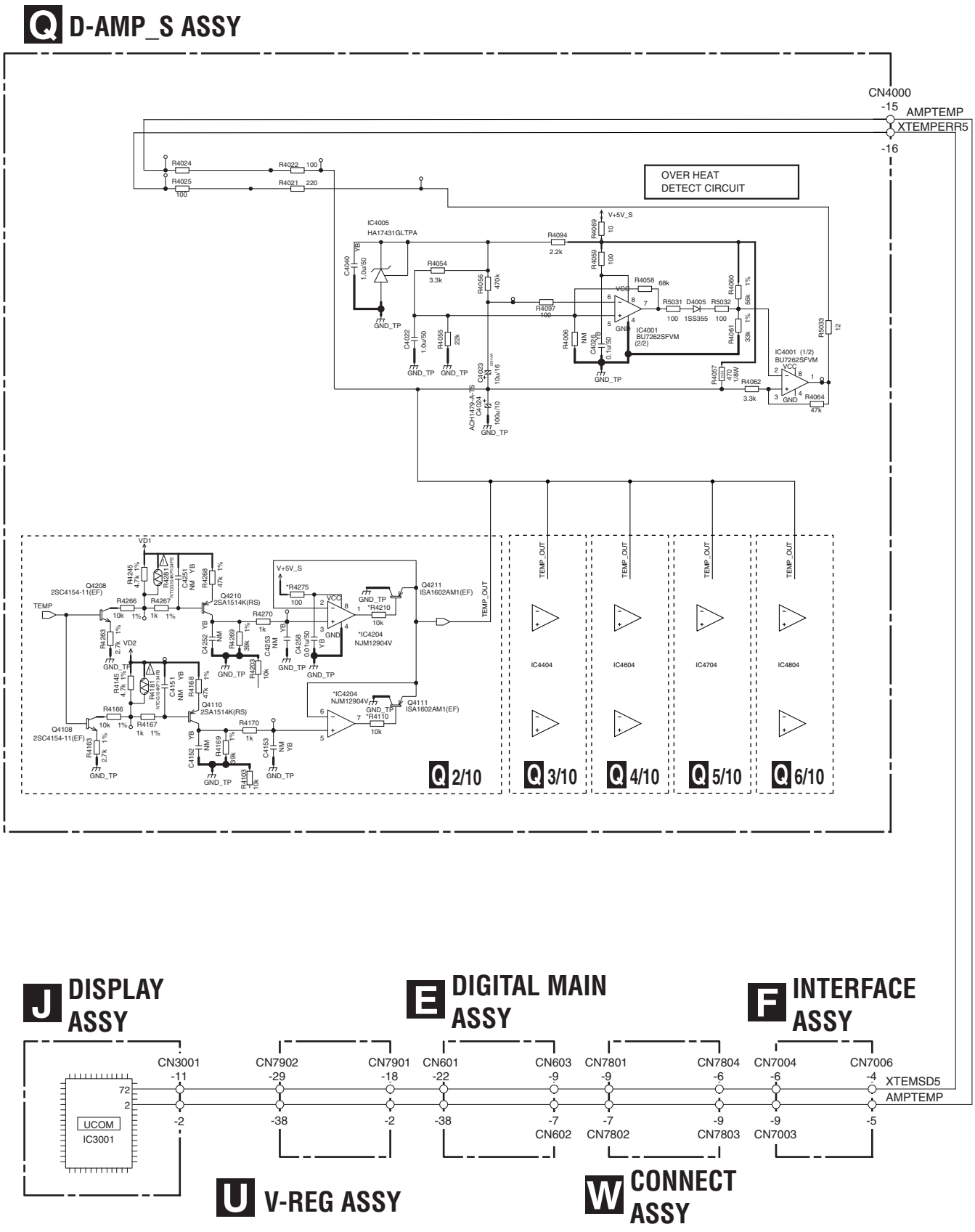
Amplifier Circuit

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]

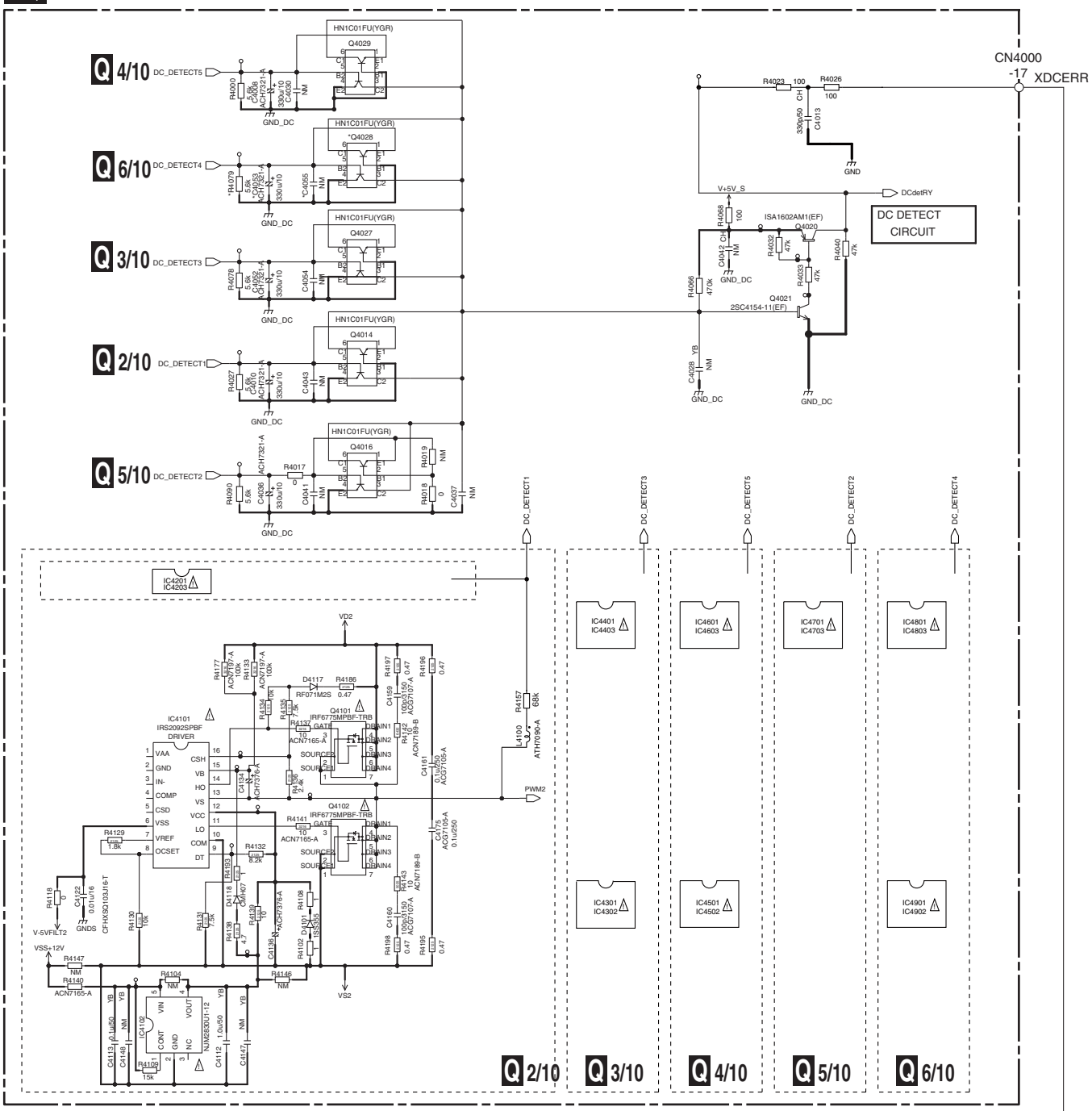
During Standby mode, simultaneously press and hold the "TUNE [↓] " and "MULTI-ZONE ON/OFF" keys for 5 seconds.

Overheat Detection



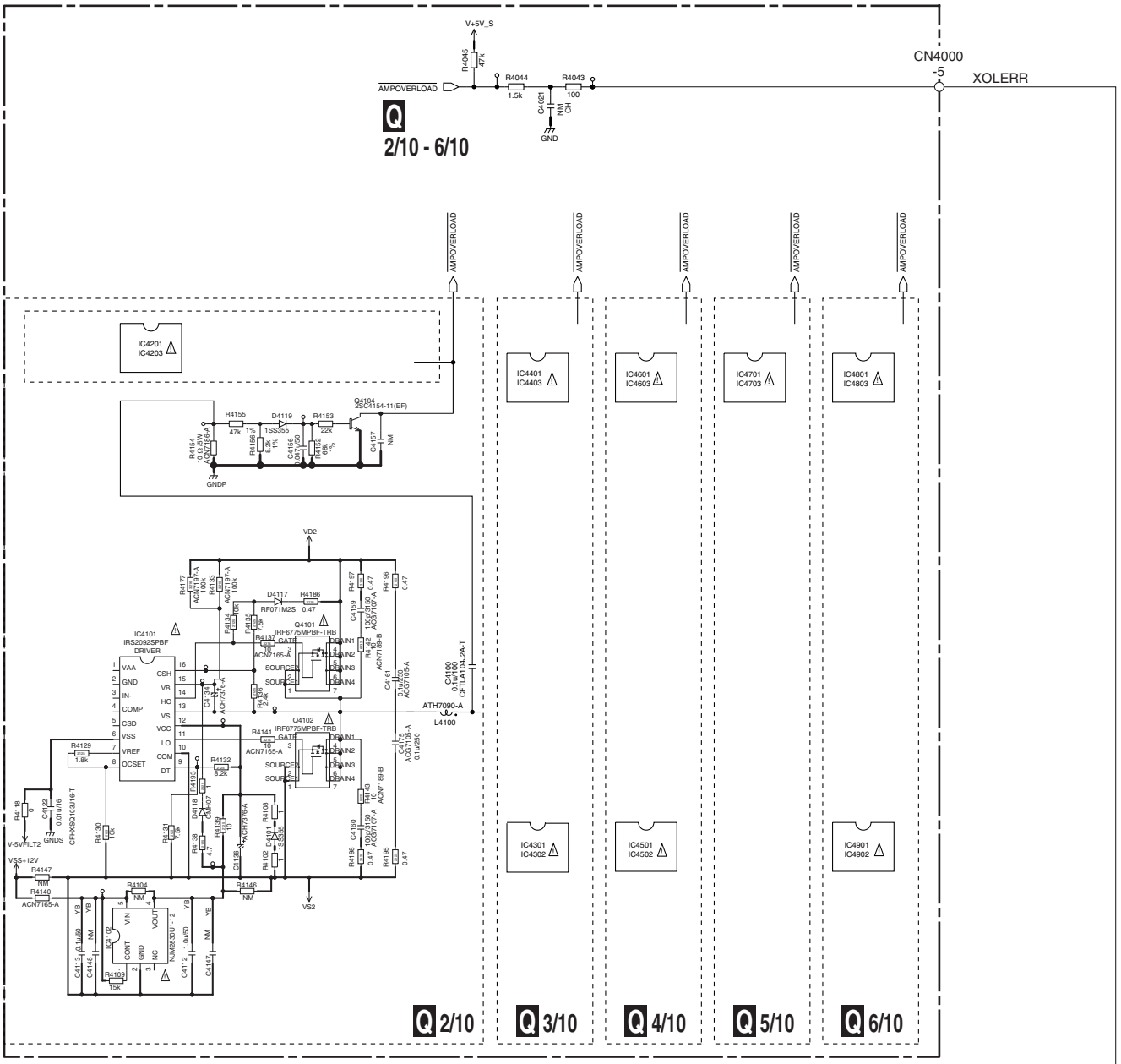
DC Detection

Q D-AMP_S ASSY



Zobel Detection
Over Current Detection of MOS FET in Output Stage

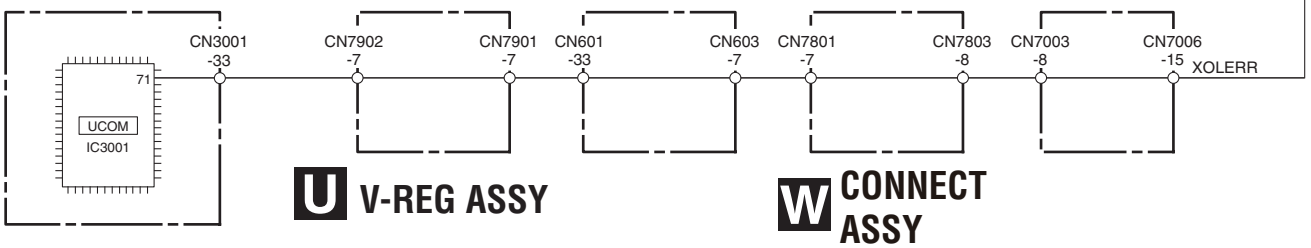
Q D-AMP_S ASSY



J DISPLAY ASSY

E DIGITAL MAIN ASSY

F INTERFACE ASSY

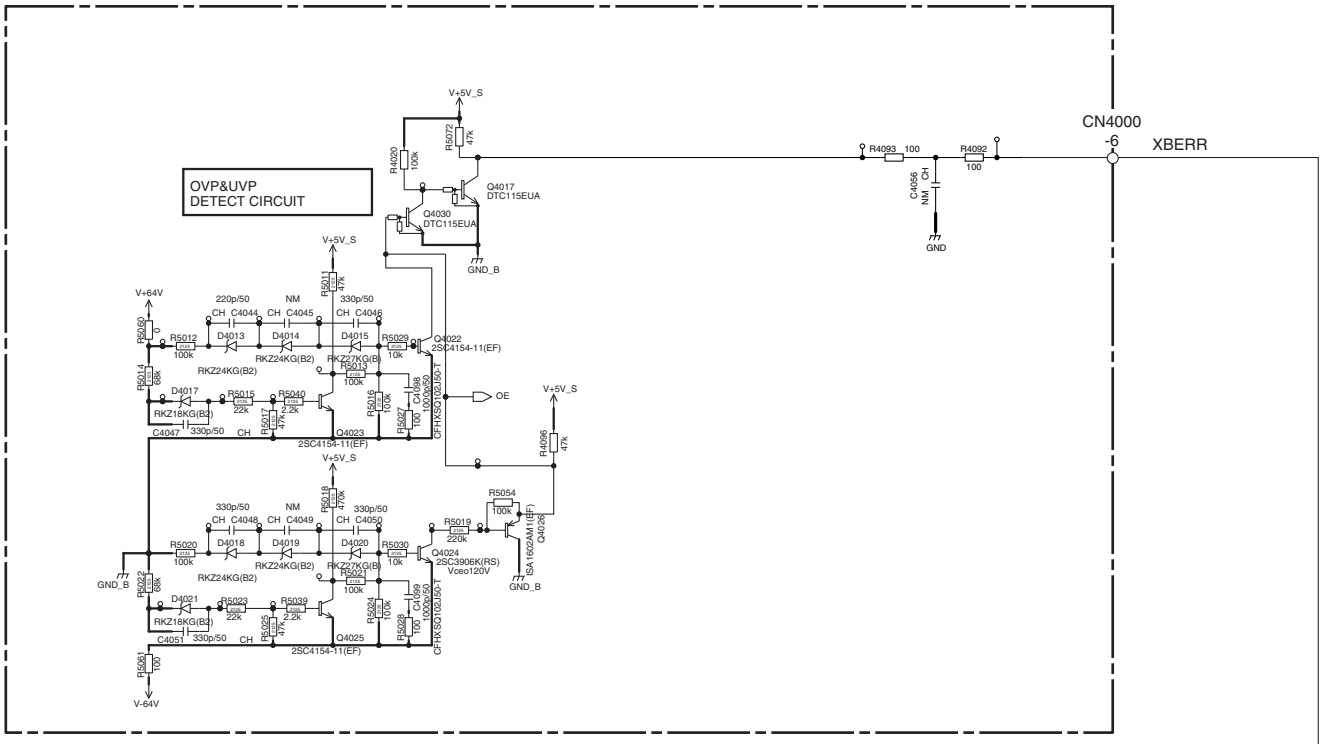


U V-REG ASSY

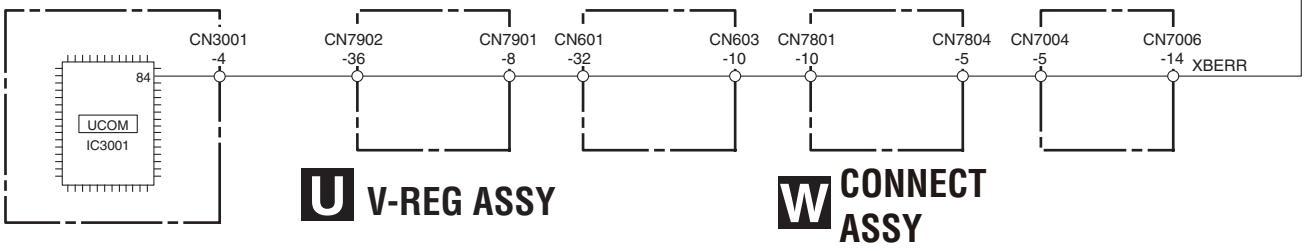
W CONNECT ASSY

Amplifier Power Supply Failure Detection

Q D-AMP_S ASSY



J DISPLAY ASSY



E DIGITAL MAIN ASSY

F INTERFACE ASSY

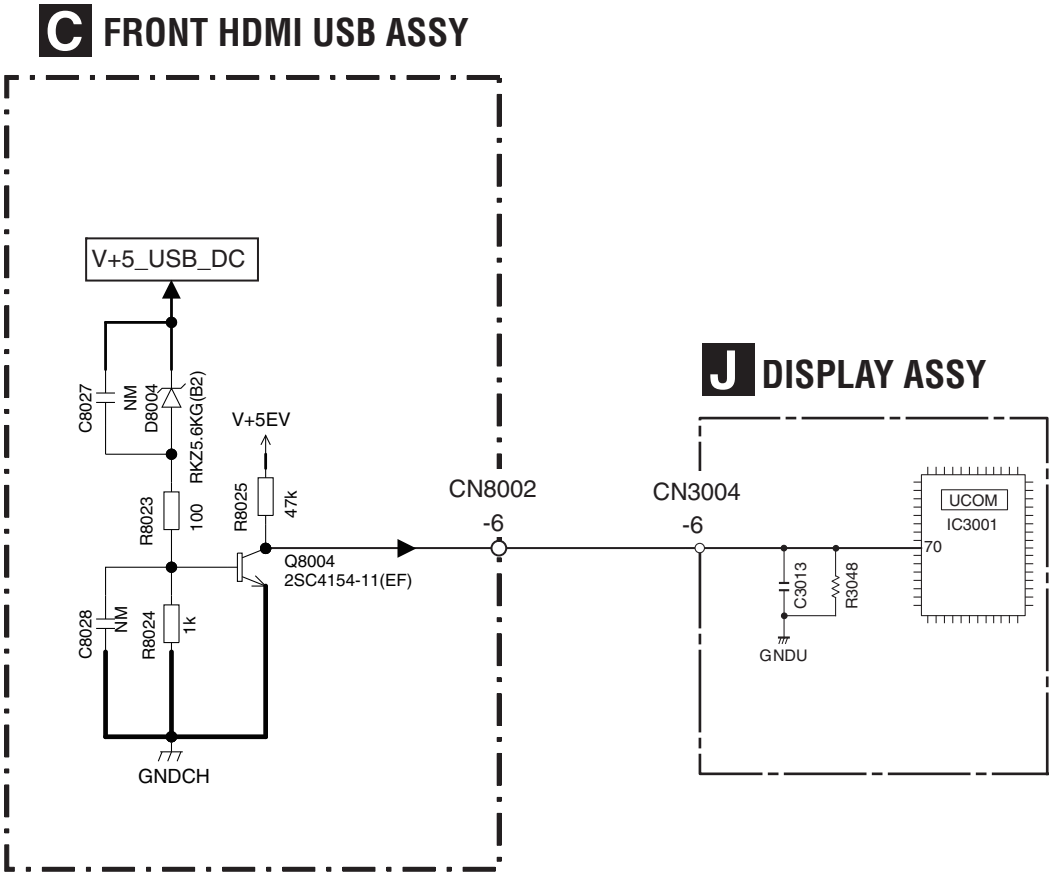
U V-REG ASSY

W 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 iPhone iPad LED	Restoration possible with Power ON

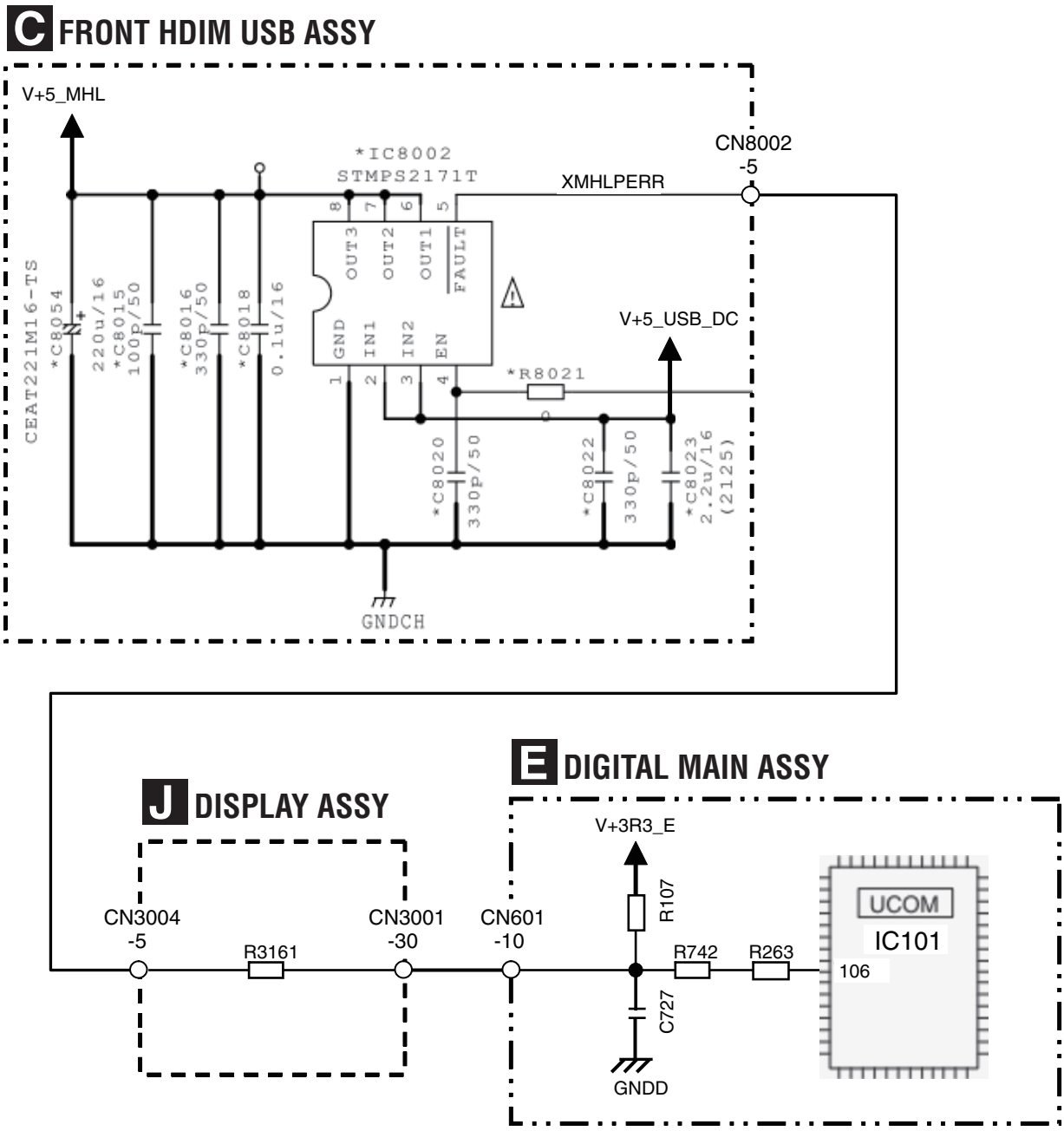
■ XVDDERR Circuit



[3] Protection Circuit Process List (XMHLPERR)

Item	Purpose	Detection Method	Status of Equipment	Warning Indication	Remarks
MHL Overcurrent detecition	Detection of over-current in MHL power supply	IC8002 detectes MHL circuit overcurrent and XMHLPERR port is set to "L".	Flashes "MHL POW ERR" and stops MHL power supply.		MHL power is not supplied until the MHL equipment is acknowledged after second power-on.

■ XMHLPERR Circuit



[4] Error Indications

	FL Display	LED flashes	Status	Timing (sec.)	Description	Remarks
(1)	Over Current	NA	When the overload USB device (over 500 mA) is connected.		The connected USB device is overload.	
(2)	HDCP ERROR	NA	When an HDCP ERROR is detected.	Flashes 5 seconds		Warning indication for HDMI Simplay
(3)	12V TRG ERR	NA	When the 12V trigger circuit is short-circuited.	Flashes	The 12V trigger circuit is short-circuited, and a overcurrent is generated.	
(4)	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.	

	FL Display	LED flashes	Status	Timing (sec.)	Description	Remarks
(11)	UE11	NA	Update error of software for Event Ucom.	Flashing	Updating of Event Ucom was failed due to some reason such as AC OFF during updating. (The unit was starting up with old version)	Update Event Ucom again.
(12)	UE22	NA	Read error of DSP firmware.	Flashing	Updating of DSP firmware was failed due to some reason such as AC OFF during the updating. Or there's a possibility of communication error between DSP IC and flash ROM IC for DSP.	Update DSP firmware aging. If the error still remains after updating, replace DIGITAL MAIN ASSY.
(13)	UE33	NA	Read error of BridgeCo firmware.	Flashing	Updating of BridgeCo firmware was failed due to some reason such as AC OFF during the updating. Or there's a possibility of communication error between BridgeCo IC and flash ROM IC for BridgeCo.	Update DSP firmware aging. If the error still remains after updating, replace DIGITAL MAIN ASSY.

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]

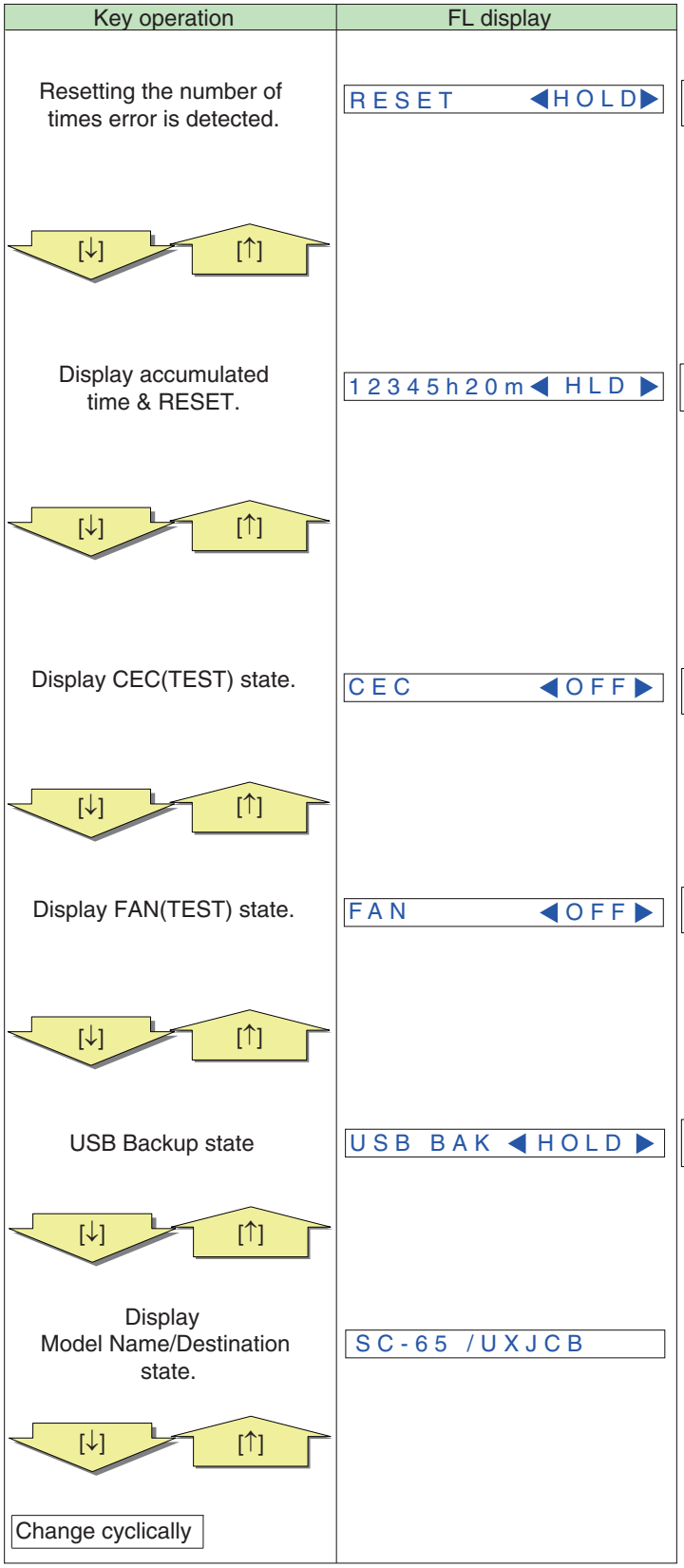
Turn off the power to this unit by setting the main volume level to "---dB" and Multi-zone to "OFF".
During Standby mode, simultaneously press and hold "MULTI-ZONE ON/OFF" and "ENTER" keys for 5 seconds to enter this mode.

[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 failure is detected.	B E R R : ＊＊＊
[↓] [↑]	

Front Panel Key

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



Resetting the number of times error is detected

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

Resetting the accumulated time

Key operation	FL display
[←][→]	12345h 20m ◀CL?▶
[ENTER]	0h 0m ◀RST▶
↓ Continued	

Display CEC(TEST) state.

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

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

Saving and Loading of USB backup state.

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

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

[Description]

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

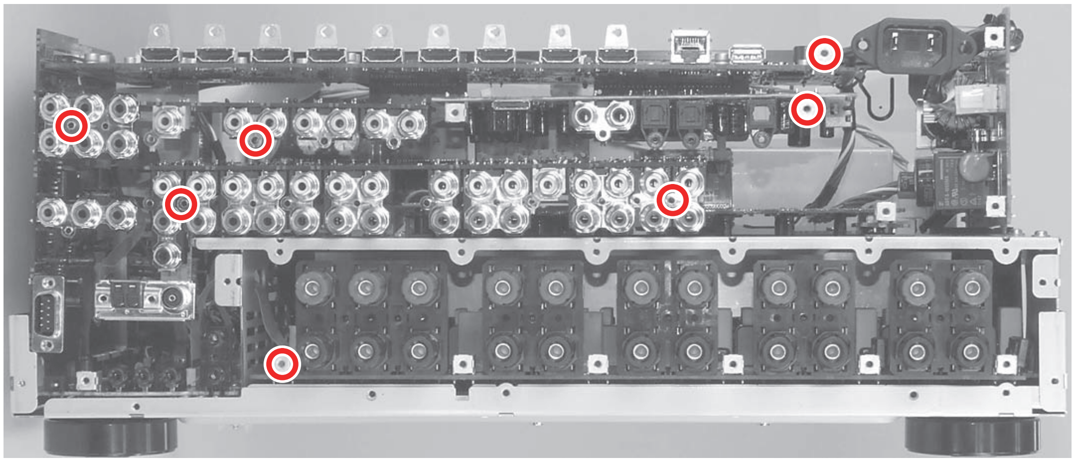
FAN TEST : The function for making the FAN to be forced to rotate.

7. DISASSEMBLY

Ground Points

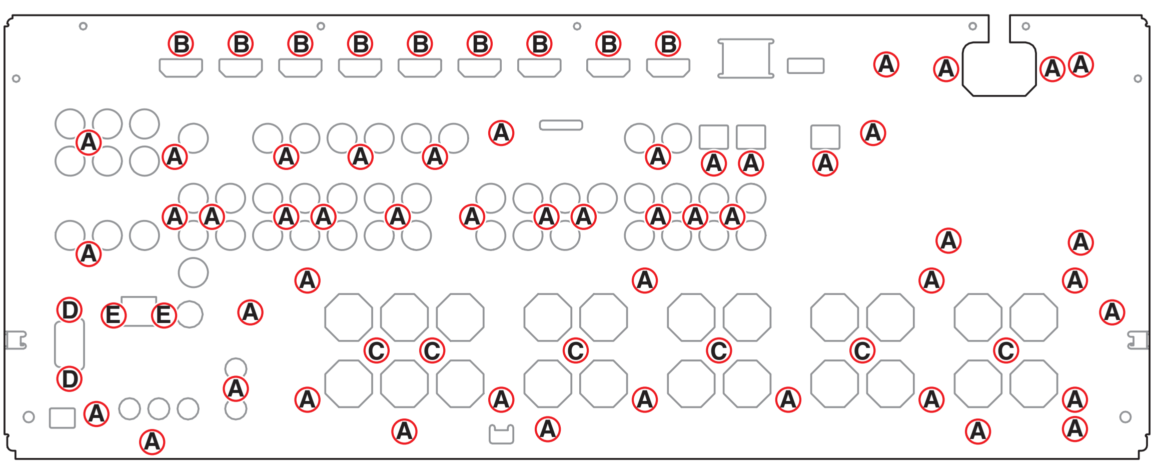
Note:

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



Screws for Rear Panel

Ⓐ BBZ30P080FTB	Ⓑ BMZ30P040FTB	Ⓒ BPZ30P100FTC	Ⓓ ABA7078	Ⓔ ABA1207
				



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.

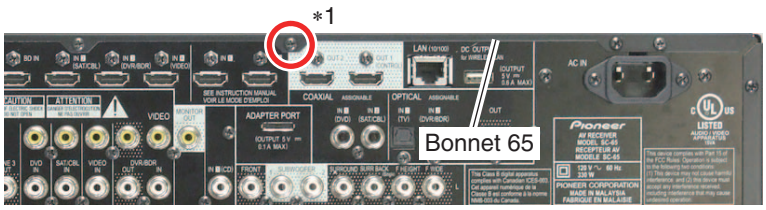
- 39P FFC (GGD1681)
- 15P FFC (GGD1680)
- 20P + 14P board to board extension jig cable (GGD1798)
- 23P + 23P board to board extension jig cable (GGD1804)
- 5P PH Housing ASSY (GGD1594)
- 4P PH Housing ASSY (GGD1809)
- 23P board to board extension jig cable (GGD1805)
- 27P board to board extension jig cable (GGD1799)
- 30P + 28P board to board extension jig cable (GGD1806)
- 28P + 14P board to board extension jig cable (GGD1763)

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

Disassembly

[1] Front Section

Remove the Bonnet 65 by removing the 18 screws.

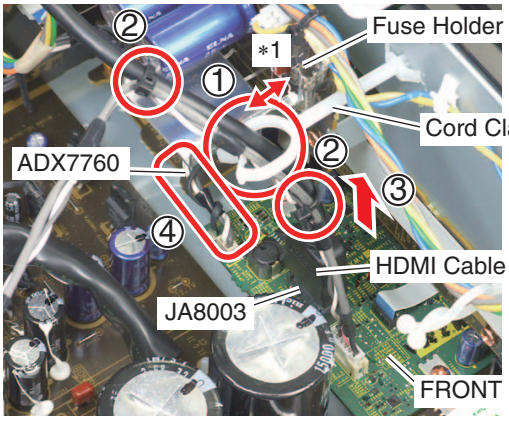


Notes on assembling as to the Bonnet 65

Tighten screw from the location ∗1 on the picture.

[1-1] Front Section

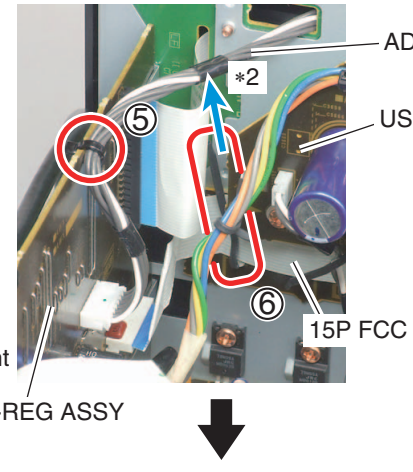
(1) Release the cables from the Cord Clamper HL.
(2) Cut the two Binders.
(3) Disconnect the connector.
(4) Release the cable from the PCB binder.



Notes on assembling

∗1: Doesn't touch the cables to the Fuse Holder.

(5) Cut the Binder.
(6) Release the 15P FCC (ADD7765) from the PCB binder.



Notes on assembling

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

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

(8) Remove the 15P FCC (ADD7765) from the MIC HP GUARD ASSY.

(9) Remove the four screws. (BBZ30P060FCC)

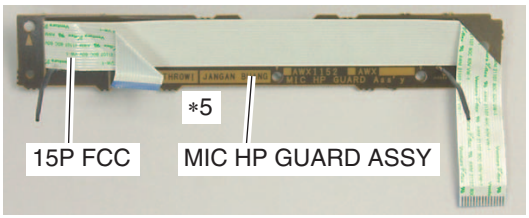
Note: 15P FCC (ADD7765) is affixed with the Double Side Tape (10 x 110mm).

Notes on assembling

∗3: Twist the PCB binder around the 5P Housing ASSY (ADX7787) so that it don't contact the PCB and the Bonnet 65.

∗4: PCB binder tilt in the direction of the blue arrow. Don't touch the 15P FFC (ADD7765) to the Heat Sinks.

∗5: How to bend the 15P FFC (ADD7765).



(10) Remove the two screws. (BBZ30P080FTB)

(11) Remove the two screws. (ABA1193)

(12) Remove the three screws. (BBT30P080FCC)

(13) Unhook the two hooks.

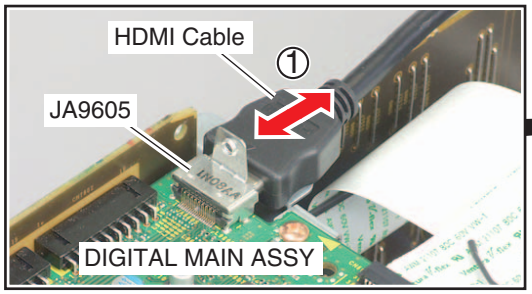
(14) Remove the Front Section.

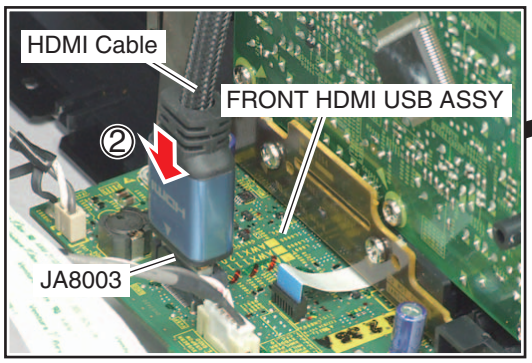
[1-2] Diagnosis

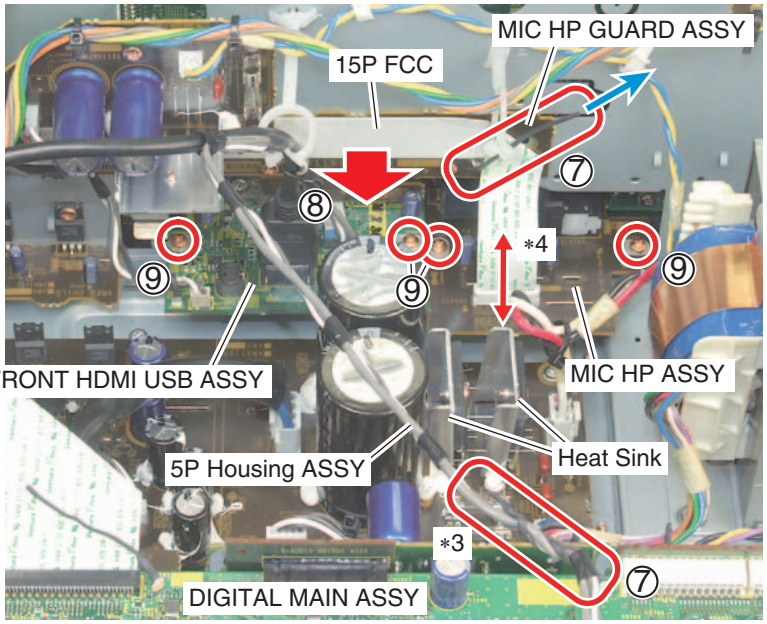
(1) Remove the HDMI Cable (ADX7732) by disconnect the connector, and then connect the another normal HDMI Cable.

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

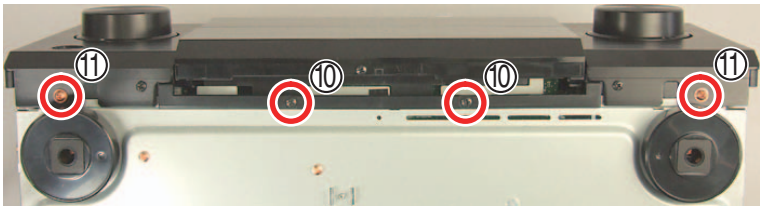
Arrange the unit as shown in the photo.





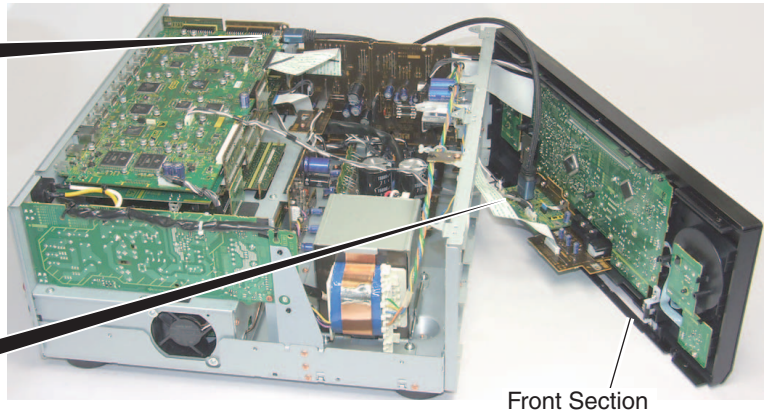


Front



• Bottom View

• Top View

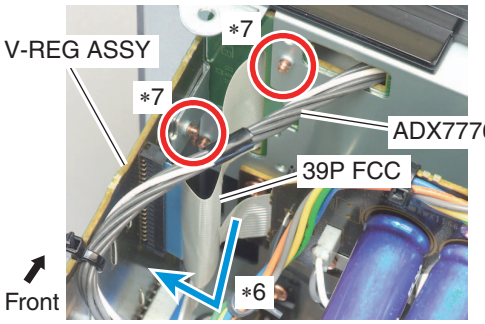


Note: Always connect the HDMI Cable because the iPod iPhone iPad LED blinks, which causes a shutdown, if the power is turned on without the cable connected.

Notes on assembling

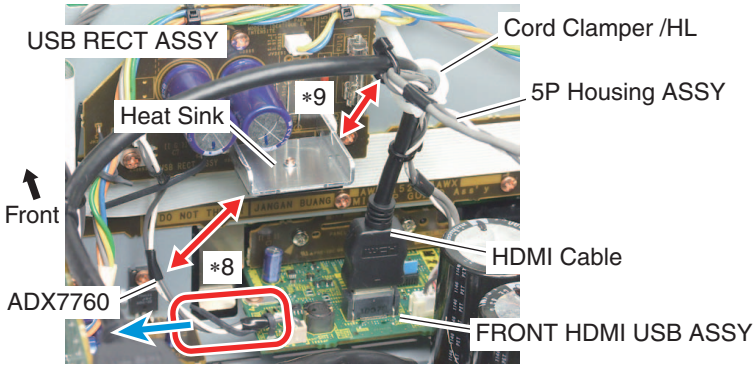
∗6: Bend the 39P FCC. (ADD7753)

∗7: Doesn't touch the cables to a top of screws.



∗8: Twist the PCB binder around the 2P Housing ASSY (ADX7760) and tilt in the direction of the blue arrow, so that it don't contact the Heat Sink.

∗9: Doesn't touch the cables to the Heat Sink.



[2] Rear Section

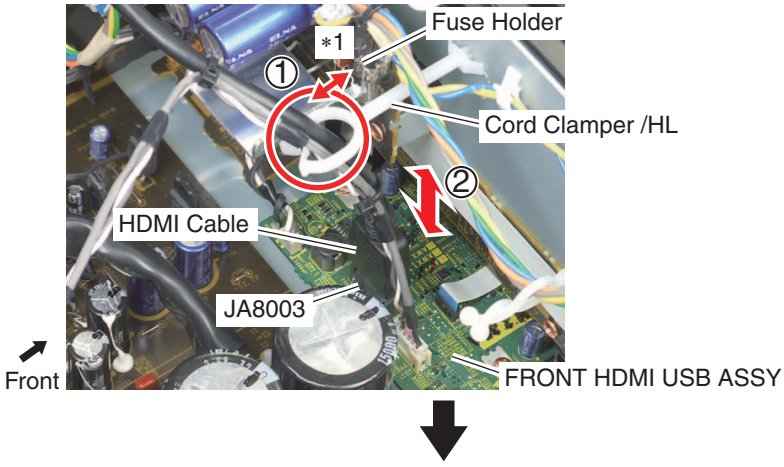
Remove the Bonnet 65 by removing the 18 screws.

[2-1] Rear Section

(1) Release the cables from the Cord Clamper HL.

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

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



Notes on assembling

∗1: Doesn't touch the cables to the Fuse Holder.

(3) Disconnect the connector.

(4) Release the cables from the PCB binders.

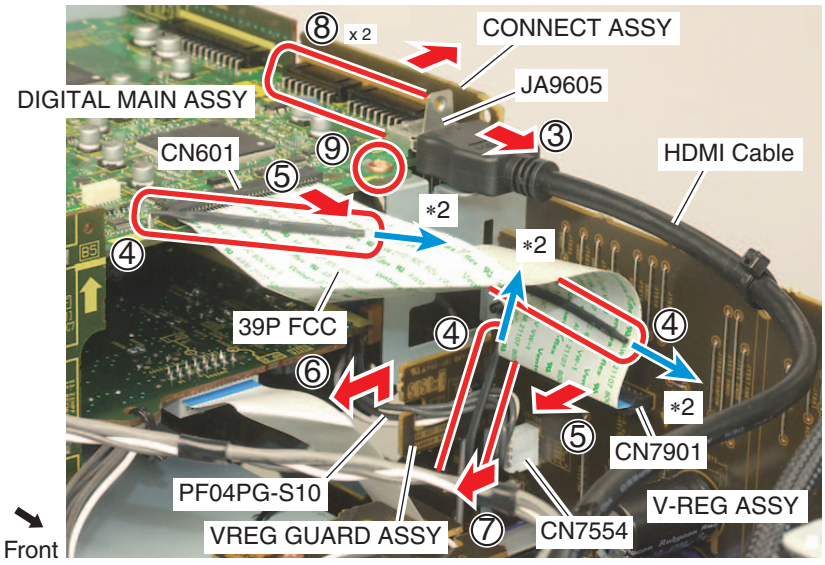
(5) Remove the 39P FFC (ADD7746) by disconnect the two connectors.

(6) Release the cable (PF04PG-S10) from hook of the VREG GUARD ASSY.

(7) Disconnect the connector.

(8) Disconnect the two connectors.

(9) Remove the screw. (BBZ30P060FCC)



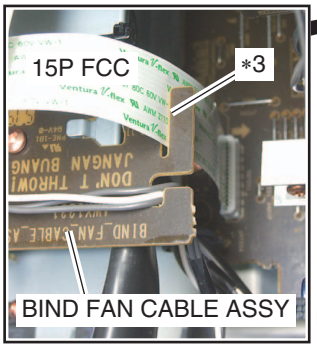
Notes on assembling

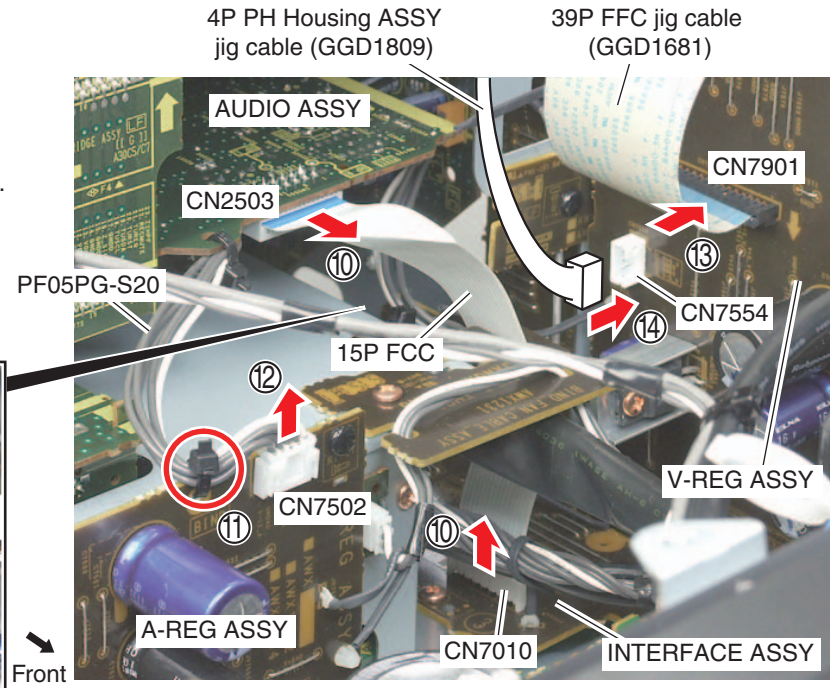
∗2: PCB binder tilt in the direction of the blue arrow. Doesn't touch the other cables.

(10) Remove the 15P FFC (ADD7764) by disconnect the two connectors.
(11) Cut the Binder.
(12) Disconnect the connector.
(13) Connect the 39P FFC jig cable. (GGD1681)
(14) Connect the 4P PH Housing ASSY jig cable. (GGD1809).

Note on assembling

*3: 15P FFC (ADD7764) pass to the slit of the BIND FAN CABLE ASSY. Doesn't touch the other cables.





(15) Remove the PRE BRIDGE ASSY.
(16) Release the 5P Housing ASSY (ADX7787) from the PCB binder.
(17) Release the cable (ADX7791) from the PCB binder.

Note on assembling

*4: Twist the PCB binder around the 5P Housing ASSY (ADX7787) so that it don't contact the Bonnet 65.

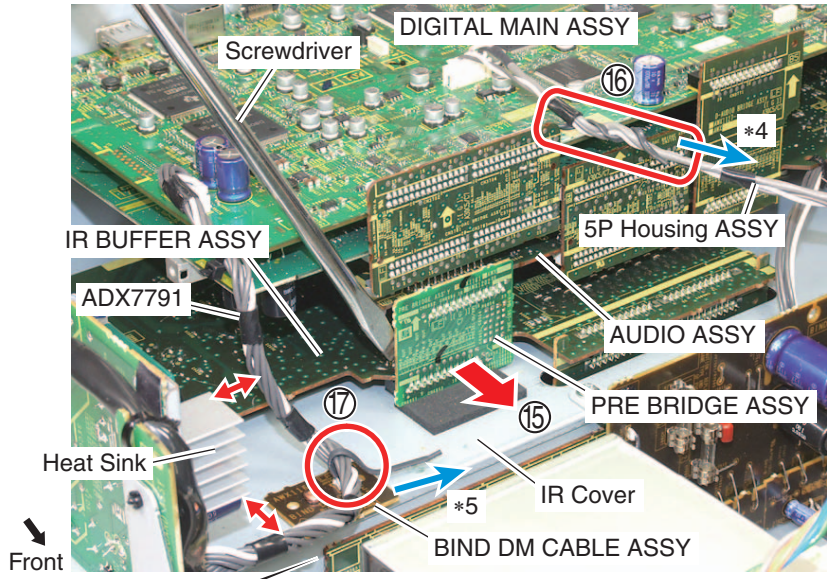
*5: PCB binder tilt in the direction of the blue arrow. Don't touch the cable (ADX7791) to the Heat Sink and the IR Cover.

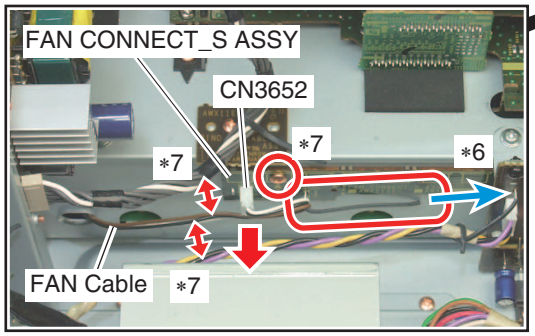
Note: When diagnosing, it is not necessary to connect FAN Cable (FAN CONNECT_S ASSY: CN3652).

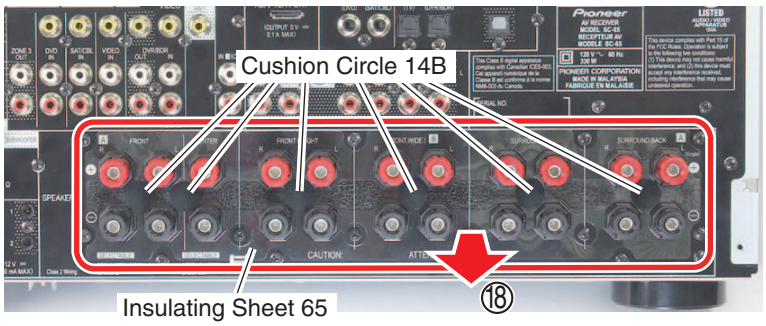
Notes on assembling

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

*7: Don't touch the FAN Cable to the other cables and screw.

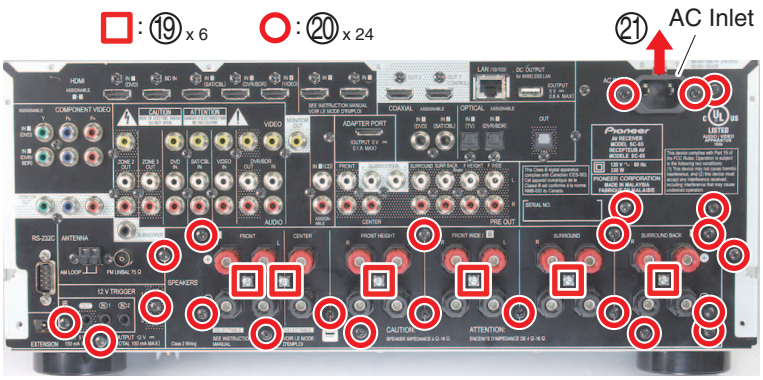






(18) Remove the Insulating Sheet 65 (with the Cushion Circle 14B).

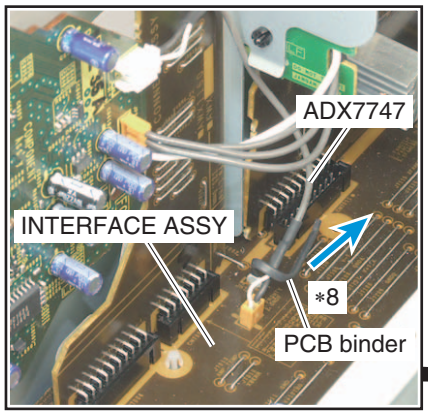
(19) Remove the six screws. (BPZ30P100FTC)
(20) Remove the 24 screws. (BBZ30P080FTB)
(21) Remove the AC Inlet.

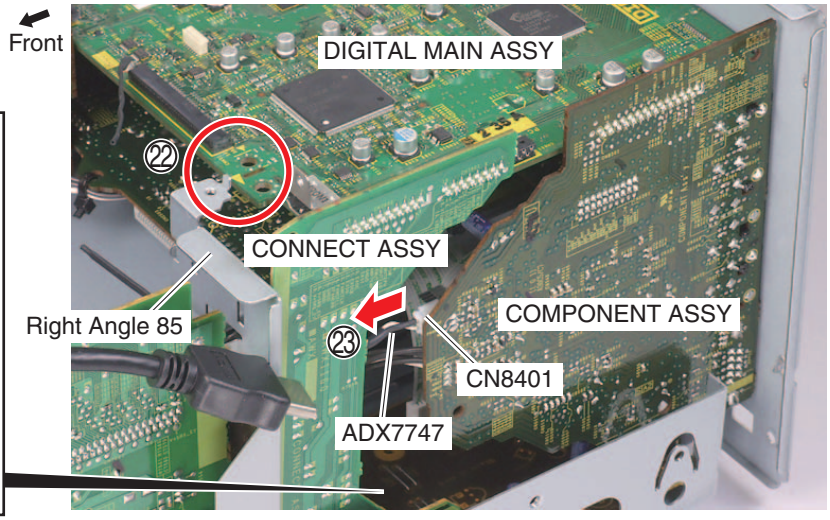


(22) Unhook the hook.
(23) Disconnect the connector.

Note on assembling

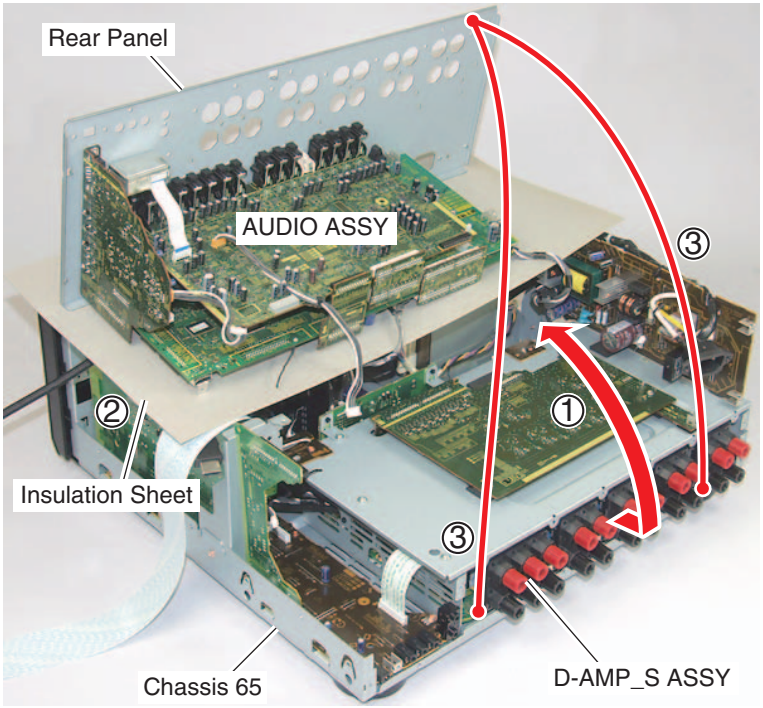
∗8: PCB binder tilt in the direction of the blue arrow. Bind the cable (ADX7747: from the INTERFACE ASSY).





[2-2] Diagnosis

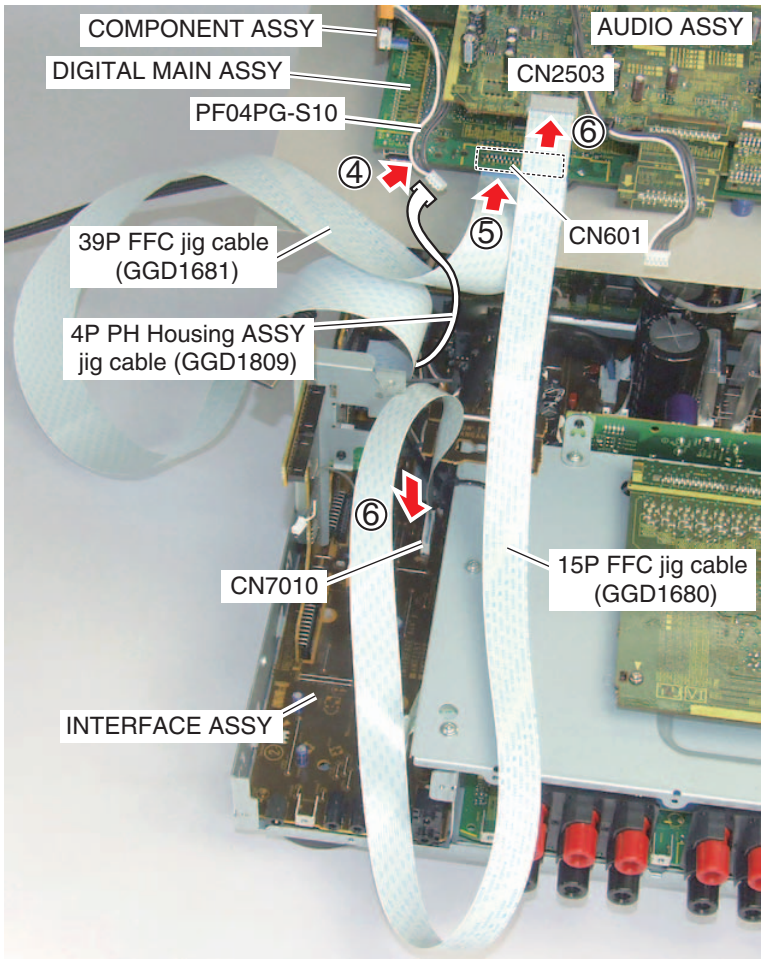
(1) Arrange the unit as shown in the photo.
(2) Insert the Insulation Sheet.
(3) Connect the Rear Panel to the Chassis 65 Ground and GND point of the D-AMP_S ASSY.
(Refer to the **"Ground Points"** for the GND point of the D-AMP_S ASSY.)



(4) Connect the 4P PH Housing ASSY jig cable. (GGD1809)
(V-REG CN7554 <-> COMPONENT PF04PG-S10)

(5) Connect the 39P FCC jig cable. (GGD1681)
(V-REG CN7901 <-> DIGITAL MAIN CN601)

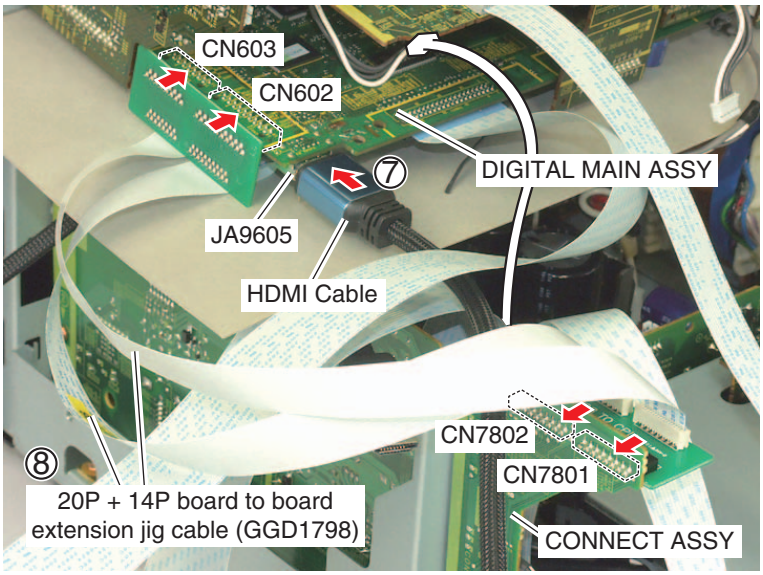
(6) Connect the 15P FCC jig cable. (GGD1680)
(INTERFACE CN7010 <-> AUDIO CN2503)



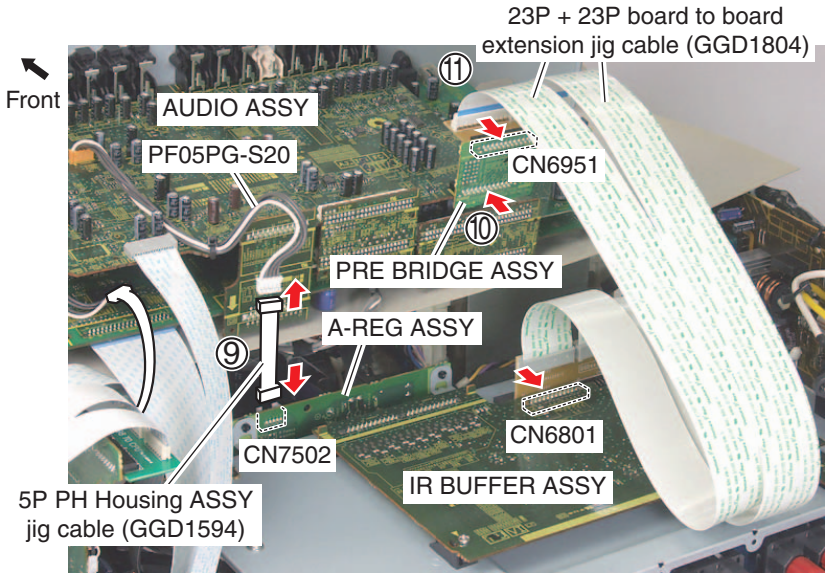
(7) Connect the another normal HDMI Cable from the FRONT HDMI USB ASSY.

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

(8) Connect the two pair board to board extension jig cables. (GGD1798)
(DIGITAL MAIN CN602 <-> CONNECT CN7802)
(DIGITAL MAIN CN603 <-> CONNECT CN7801)



(9) Connect the 5P PH Housing ASSY jig cable. (GGD1594)
(A-REG CN7502 <-> AUDIO PF05PG-S20)
(10) Attach the PRE BRIDGE ASSY.
(11) Connect the two pair board to board extension jig cables. (GGD1804)
(IR BUFFER CN6801 <-> PRE BRIDGE CN6951)

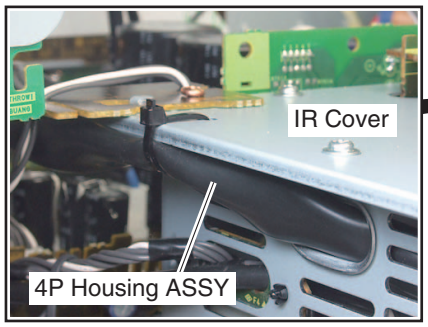


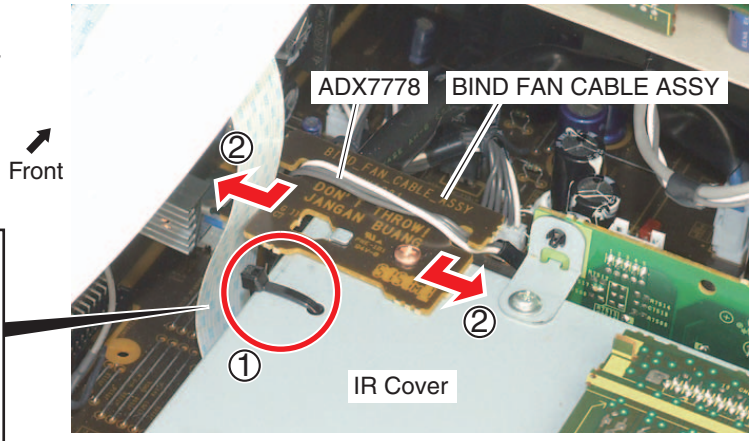
[3] D-AMP_S ASSY

Remove the Rear Section.
(Refer to the **"[2-1] Rear Section"** and the steps (1) to (9) of **"[2-2] Diagnosis"**.)

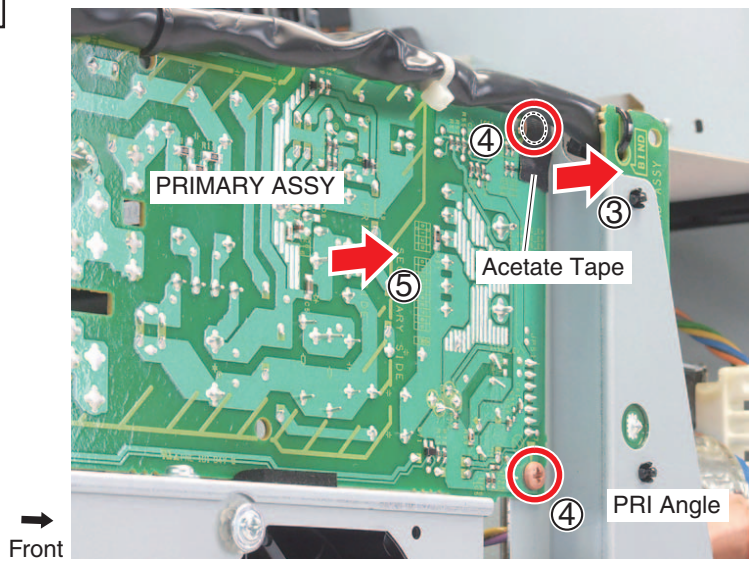
[3-1] Remove the IR Cover

(1) Cut the Binder.
(2) Release the cable (ADX7778) from hook of the BIND FAN CABLE ASSY.





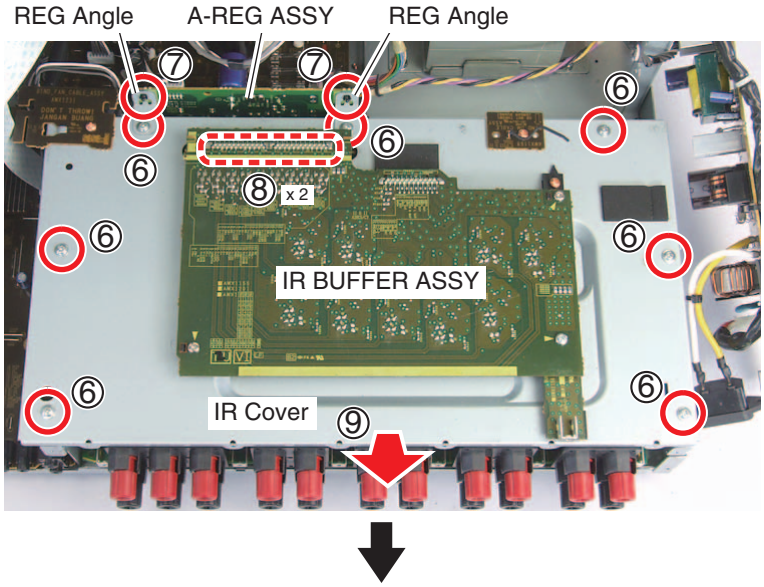
(3) Remove the Acetate Tape.
(4) Remove the two screws. (BSZ30P060FCC)
(5) Remove the PRIMARY ASSY



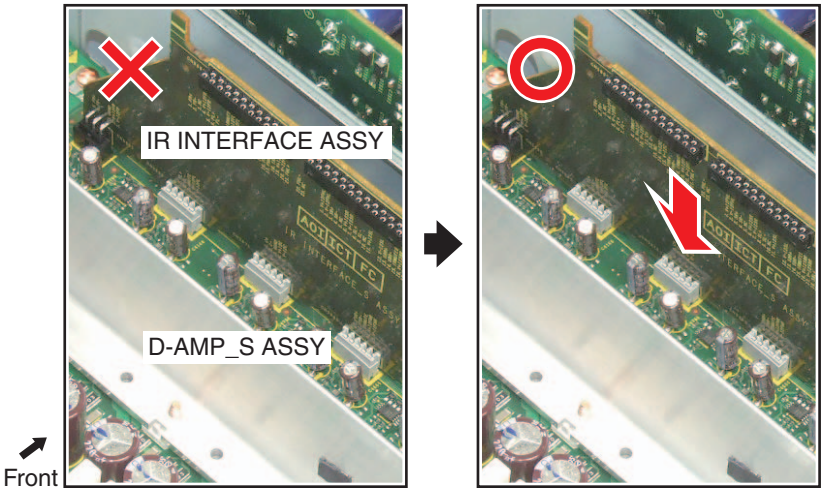
(6) Remove the seven screws. (AMZ30P060FTC)
(7) Remove the two Nylon Rivets (AEC7406) and the two REG Angles.
(8) Disconnect the two connectors.
(9) Remove the IR Cover.

Note on assembling :

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

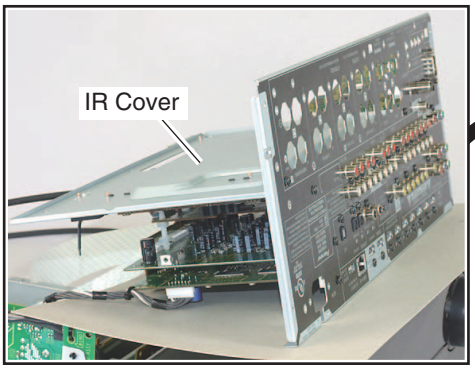


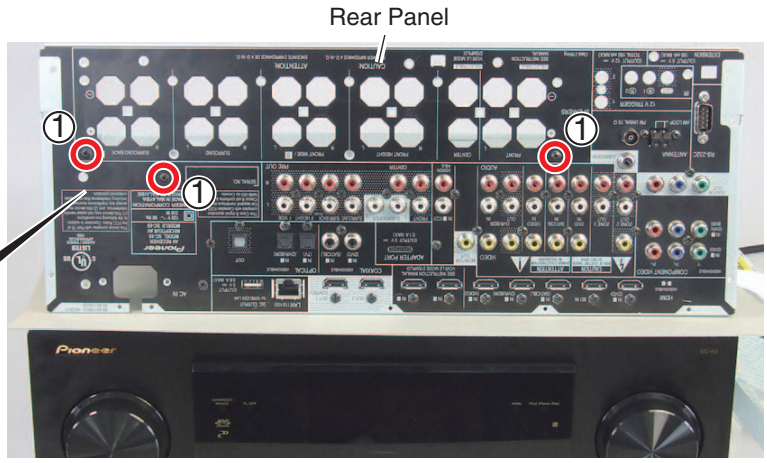
Note: If the IR BUFFER ASSY is removed, the connectors of IR INTERFACE ASSY may be loosened.
Attach the connectors securely.



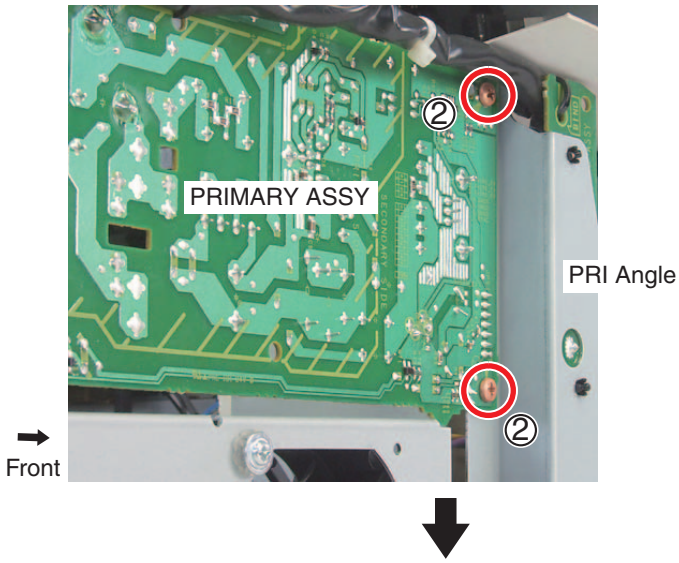
[3-2] Diagnosis

(1) Temporarily attach the IR Cover to the Rear Panel , using the three screws. (BBZ30P080FTB)

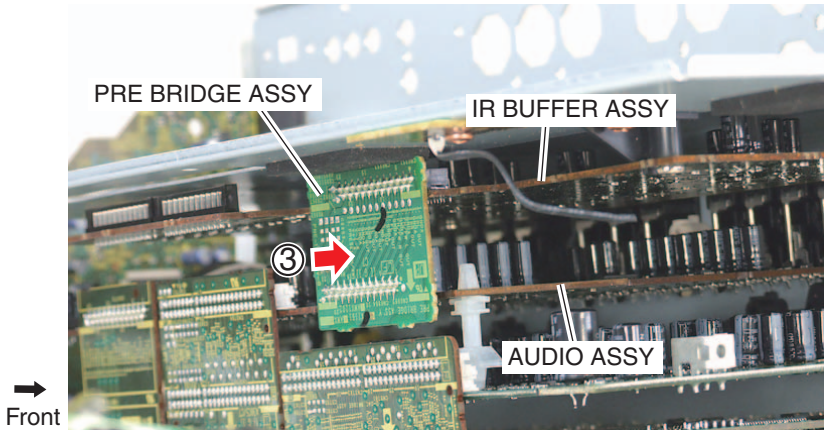




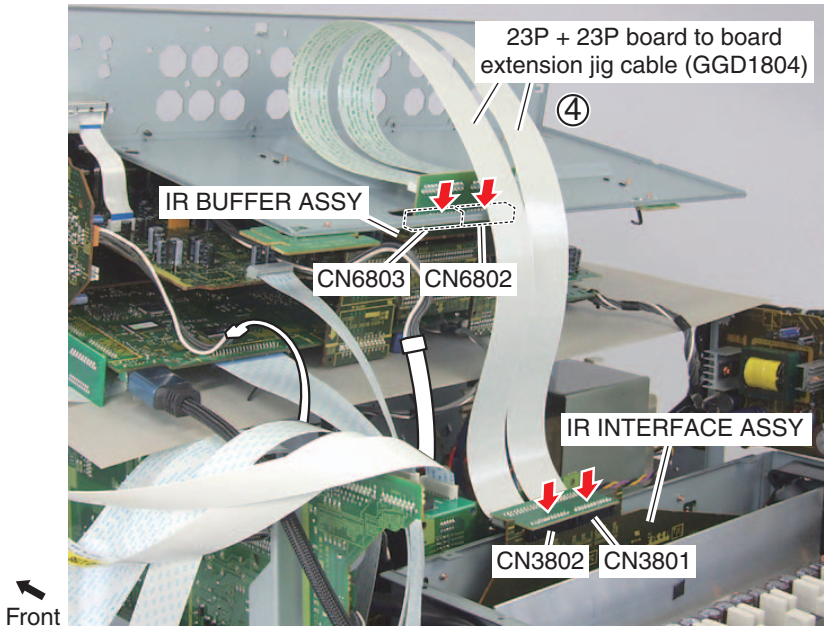
(2) Attach the PRIMARY ASSY, using the two screws. (BSZ30P060FCC)



(3) Attach the PRE BRIDGE ASSY.



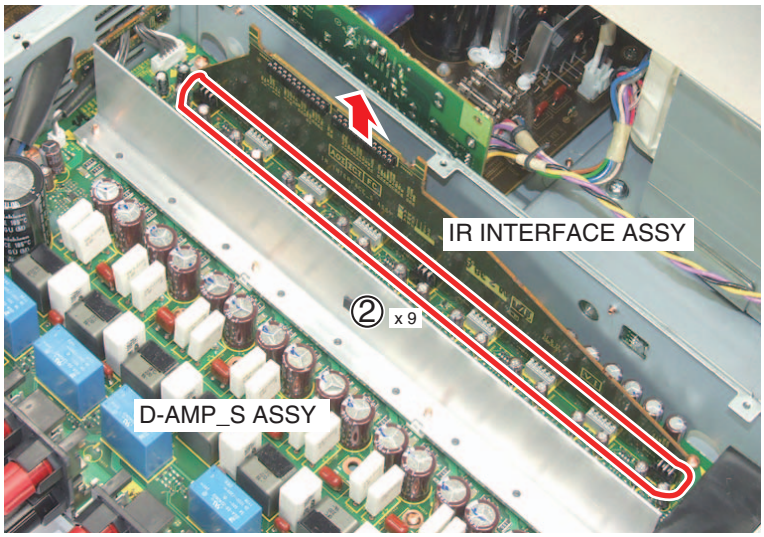
(4) Connect the two pair board to board extension jig cables. (GGD1804)
(IR BUFFER CN6803 <-> IR INTERFACE CN3802)
(IR BUFFER CN6802 <-> IR INTERFACE CN3801)



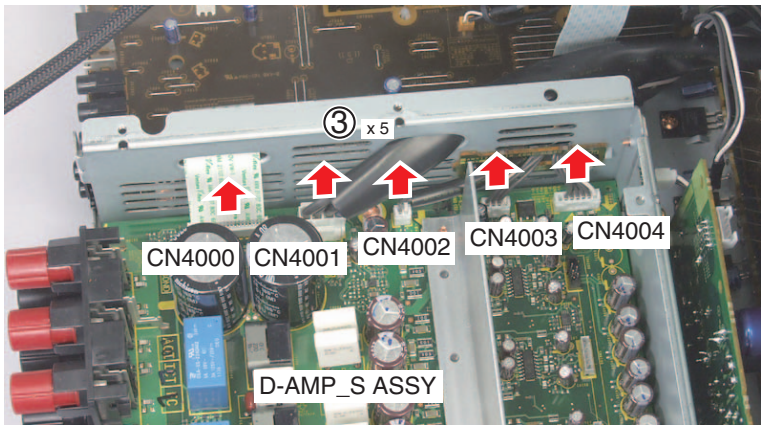
[3-3] Remove the D-AMP_S ASSY

(1) Remove the two pair board to board extension jig cables (GGD1804) and the PRIMARY ASSY.
(Refer to the step (4) and (2) of **"[3-2] Diagnosis"**.

(2) Remove the IR INTERFACE ASSY.

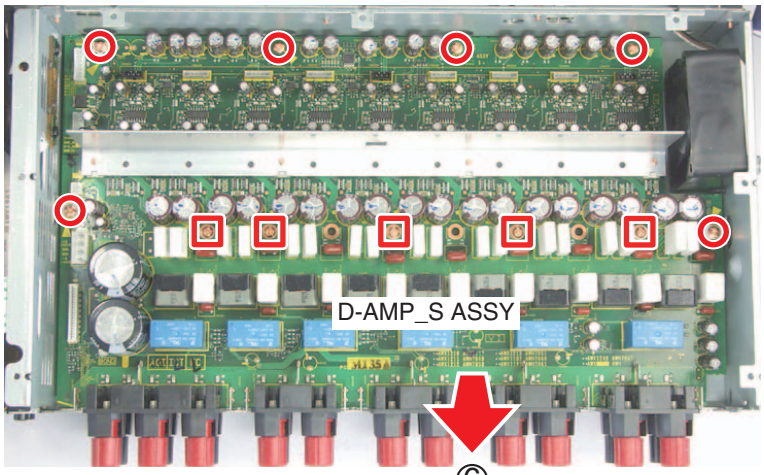


(3) Disconnect the five connectors.



○ : ④ x 6 □ : ⑤ x 5

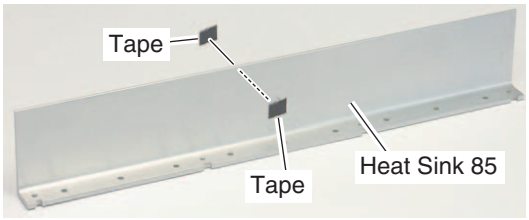
(4) Remove the six screws. (BBZ30P060FCC)
(5) Remove the five screws. (IBZ30P150FCC)
(6) Remove the D-AMP_S ASSY.

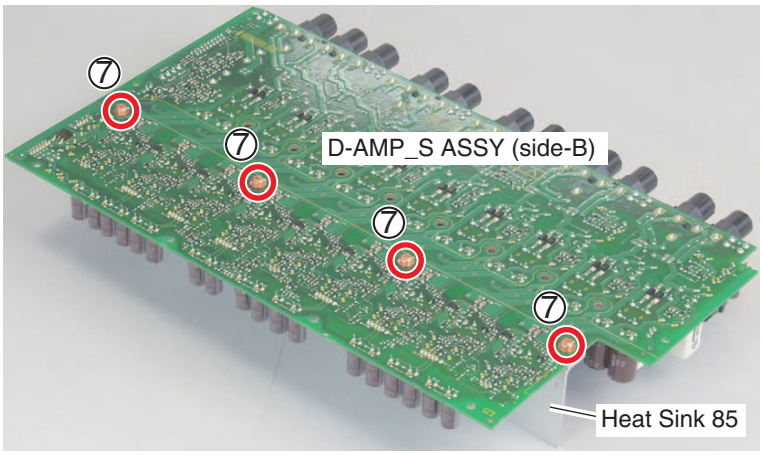


(7) Remove the four screws. (ABA1052)

(8) Remove the Heat Sink 85 with side-A of the D-AMP_S ASSY facing upward.

Note: When replacing the Heat Sink 85, attach the Tape in the center of each side.



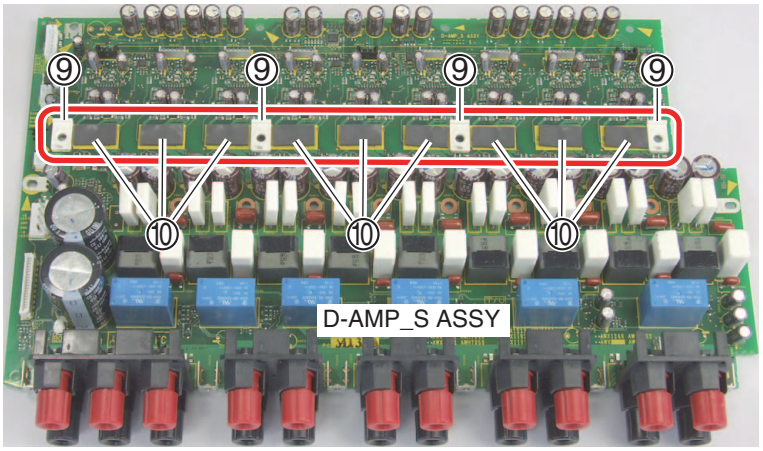


(9) Remove the four Heat Sink Spacers.

(10) Remove the nine Heat Cond Sheets.

Note on assembling :

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



[4] DIGITAL MAIN ASSY

Remove the Bonnet 65 by removing the 18 screws.

[4-1] DIGITAL MAIN ASSY

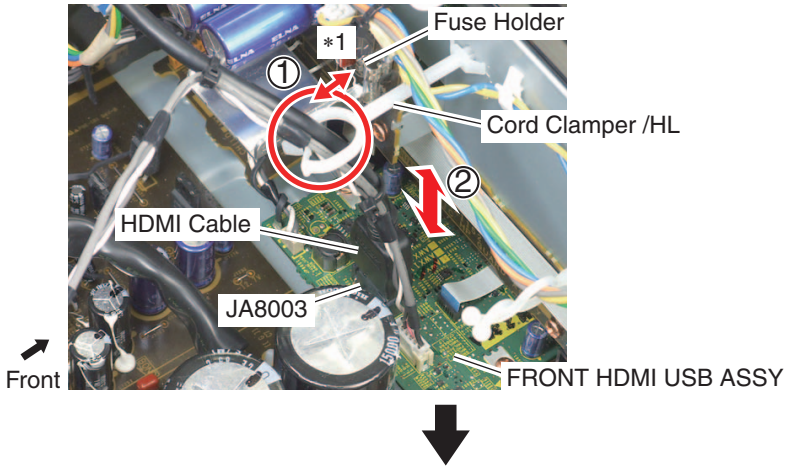
(1) Release the cables from the Cord Clamper HL.

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

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

Notes on assembling

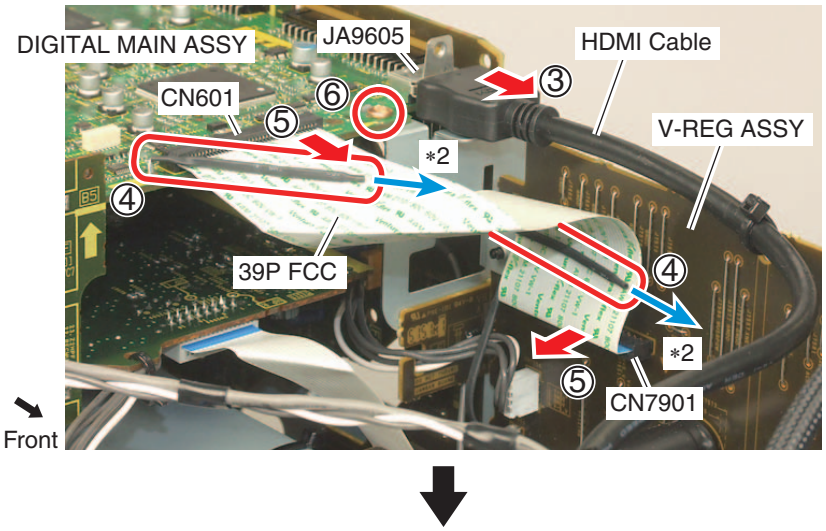
∗1: Don't touch the cables to the Fuse Holder.



(3) Disconnect the connector.
(4) Release the 39P FFC (ADD7746) from the two PCB binders.
(5) Remove the 39P FFC (ADD7746) by disconnect the two connectors.
(6) Remove the screw. (BBZ30P060FCC)

Notes on assembling

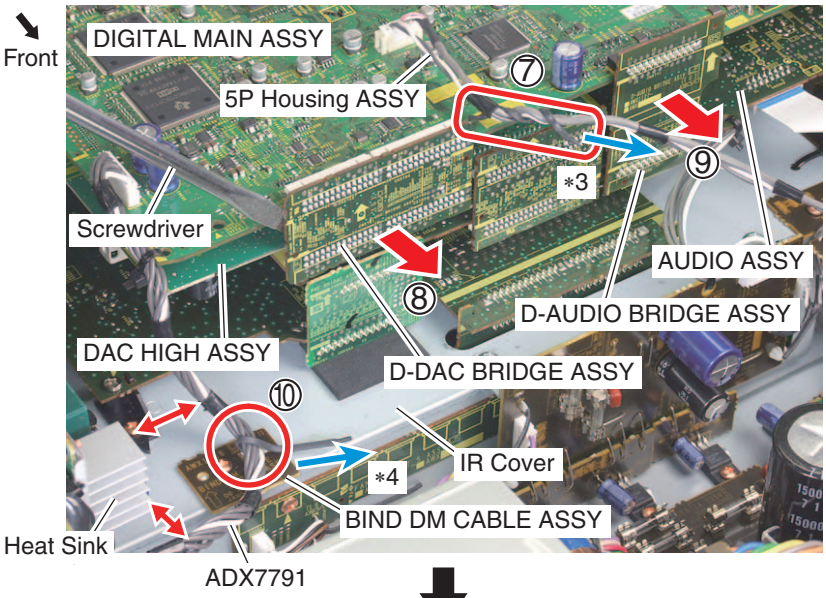
∗2: PCB binder tilt in the direction of the blue arrow. Doesn't touch the other cables.



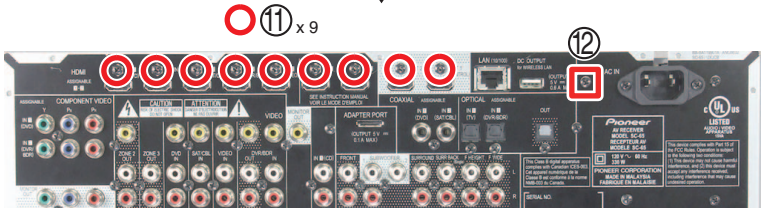
(7) Release the 5P Housing ASSY (ADX7787) from the PCB Binder.
(8) Remove the D-DAC BRIDGE ASSY.
(9) Remove the D-AUDIO BRIDGE ASSY.
(10) Release the cable (ADX7791) from the PCB binder.

Note on assembling

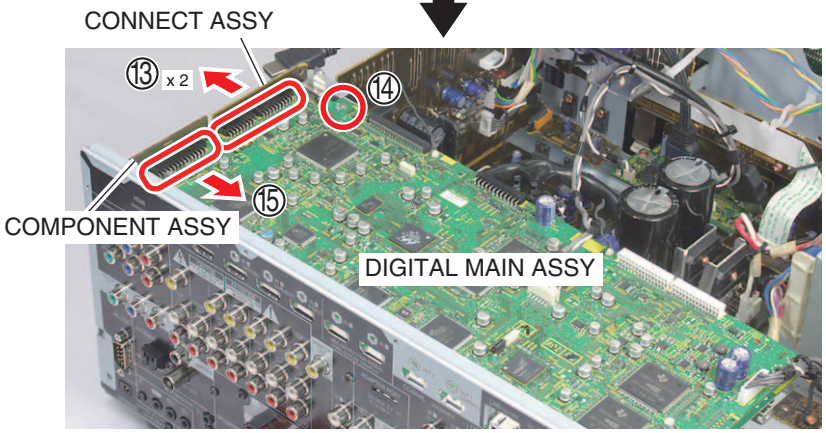
∗3: Twist the PCB binder around the 5P Housing ASSY (ADX7787) so that it don't contact the Bonnet 65.
∗4: PCB binder tilt in the direction of the blue arrow. Don't touch the cable (ADD7791) to the Heat Sink and the IR Cover.



(11) Remove the nine screws. (BMZ30P040FTB)
(12) Remove the screw. (BBZ30P080FTB)



(13) Disconnect the two connectors.
(14) Unhook the hook.
(15) Disconnect the connector and then remove the DIGITAL MAIN ASSY.

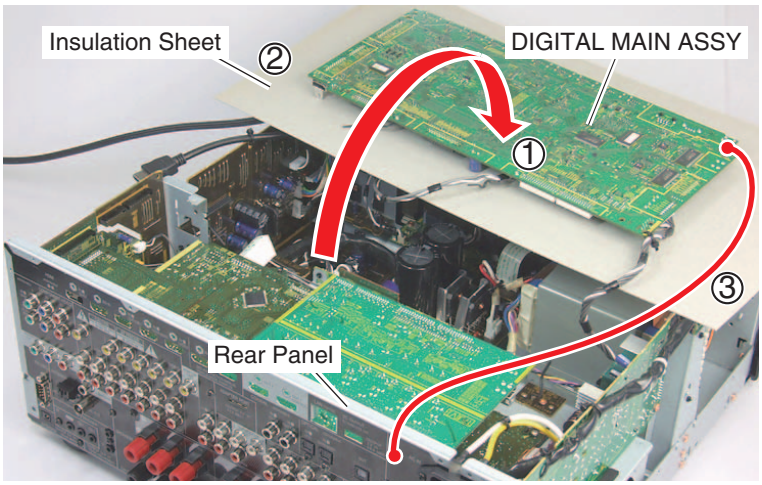


[4-2] Diagnosis

(1) Arrange the DIGITAL MAIN ASSY as shown in the photo.

(2) Insert the Insulation Sheet.

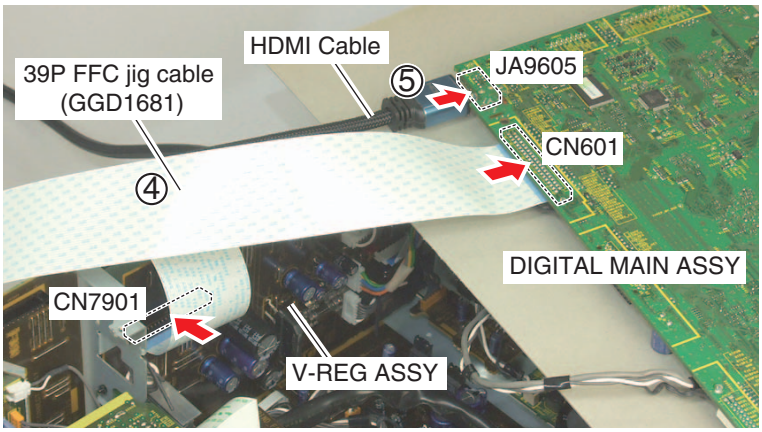
(3) Connect the DIGITAL MAIN ASSY to the Rear Panel Ground.
(Refer to the **"Ground points."**)



(4) Connect the 39P FCC jig cable. (GGD1681)
(V-REG CN7901 <-> DIGITAL MAIN CN601)

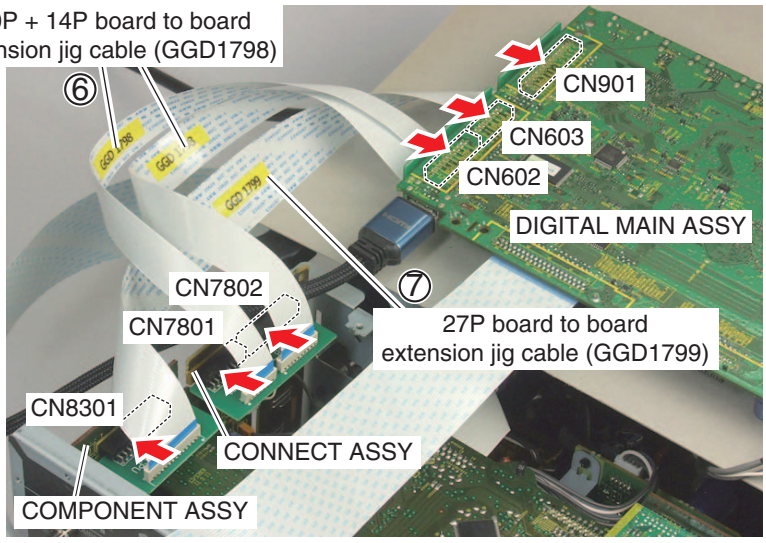
(5) Connect the another normal HDMI Cable from the FRONT HDMI USB ASSY.

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



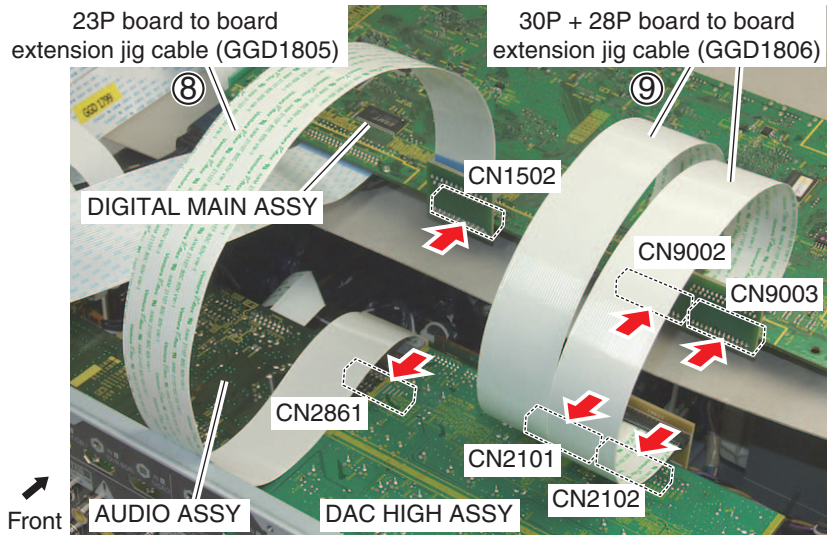
(6) Connect the two pair board to board extension jig cables. (GGD1798)
(DIGITAL MAIN CN602 <-> CONNECT CN7802)
(DIGITAL MAIN CN603 <-> CONNECT CN7801)

(7) Connect the 27P board to board extension jig cable. (GGD1799)
(COMPONENT CN8301 <-> DIGITAL MAIN CN901)



(8) Connect the 23P board to board extension jig cable. (GGD1805)
(AUDIO CN2861 <-> DIGITAL MAIN CN1502)

(9) Connect the two pair board to board extension jig cables. (GGD1806)
(DAC HIGH CN2102 <-> DIGITAL MAIN CN9003)
(DAC HIGH CN2101 <-> DIGITAL MAIN CN9002)



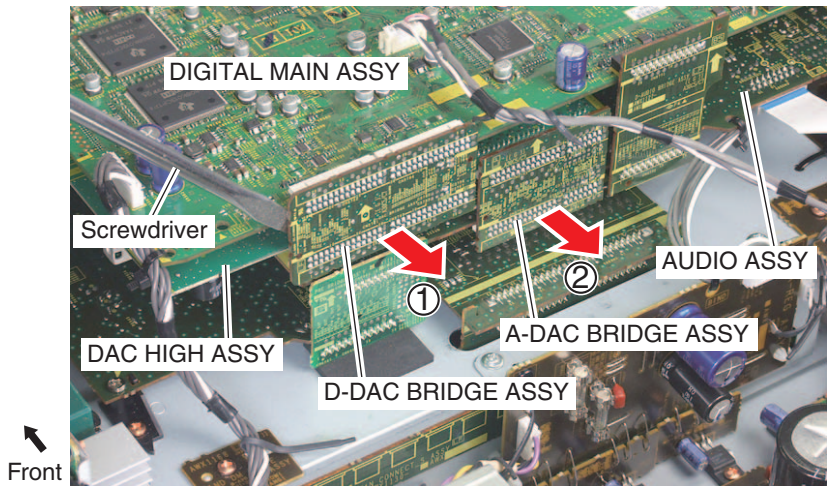
[5] DAC HIGH ASSY

Remove the Bonnet 65 by removing the 18 screws.

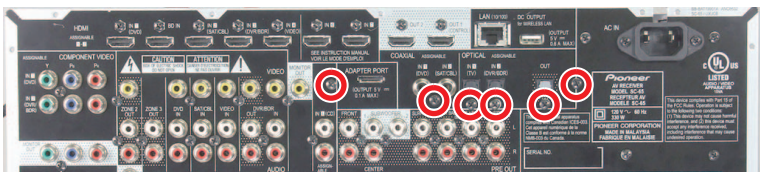
[5-1] DAC HIGH ASSY

(1) Remove the D-DAC BRIDGE ASSY.

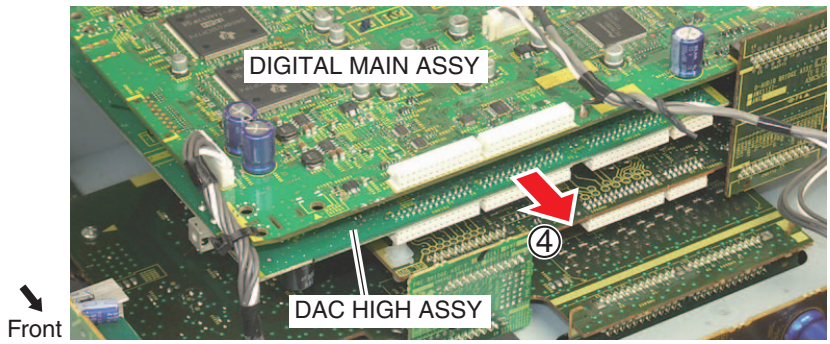
(2) Remove the A-DAC BRIDGE ASSY.



(3) Remove the six screws. (BBZ30P080FTB)



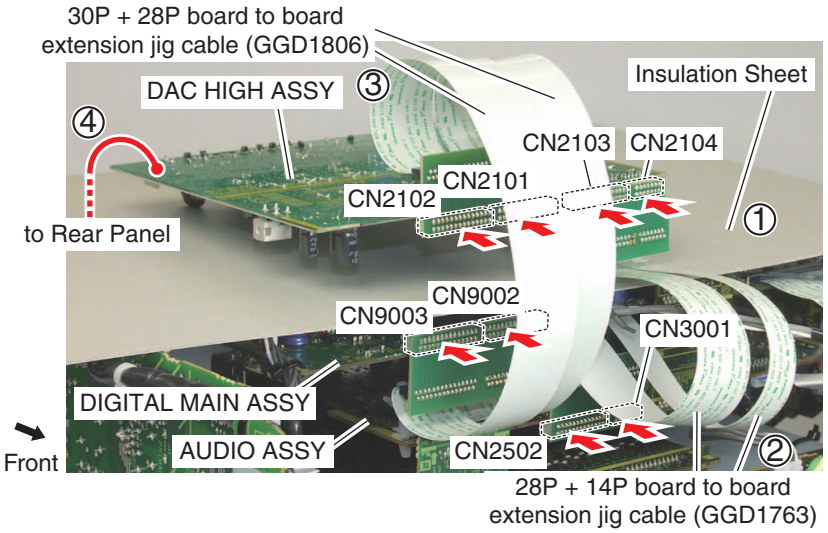
(4) Remove the DAC HIGH ASSY.



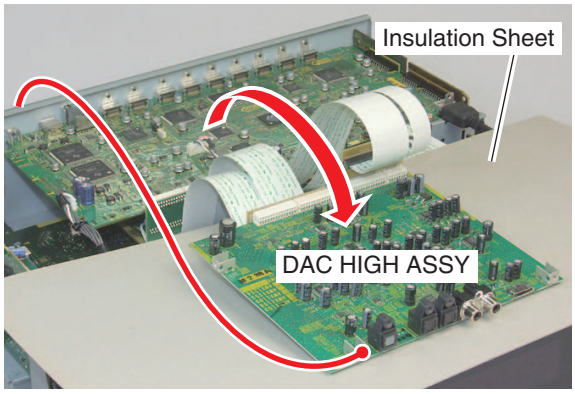
[5-2] Diagnosis

Arrange the DAC HIGH ASSY as shown in the photo.

(1) Insert the Insulation Sheet.
(2) Connect the two pair board to board extension jig cables. (GGD1763)
(AUDIO CN2502 <-> DAC HIGH CN2103)
(AUDIO CN3001 <-> DAC HIGH CN2104)
(3) Connect the two pair board to board extension jig cables. (GGD1806)
(DIGITAL MAIN CN9003 <-> DAC HIGH CN2102)
(DIGITAL MAIN CN9002 <-> DAC HIGH CN2101)
(4) Connect the DAC HIGH ASSY to the Rear Panel Ground.
(Refer to the **"Ground points."**)



Note: When you perform diagnosis side-A, arrange the DAC HIGH ASSY as shown in the photo.

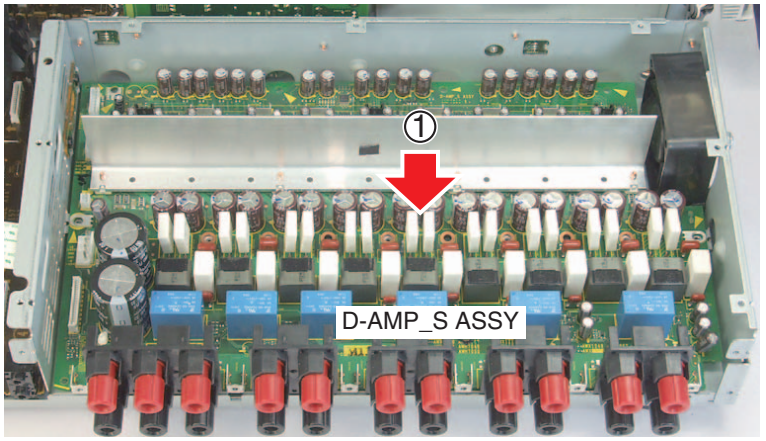


Assembling of Digital Amplifier Block

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

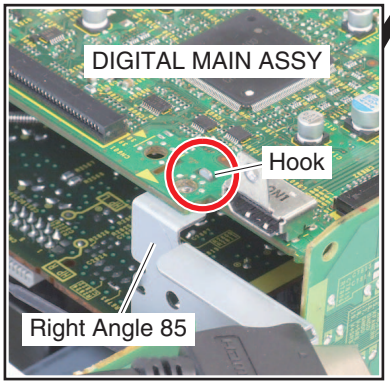
[1] Attach the D-AMP_S ASSY

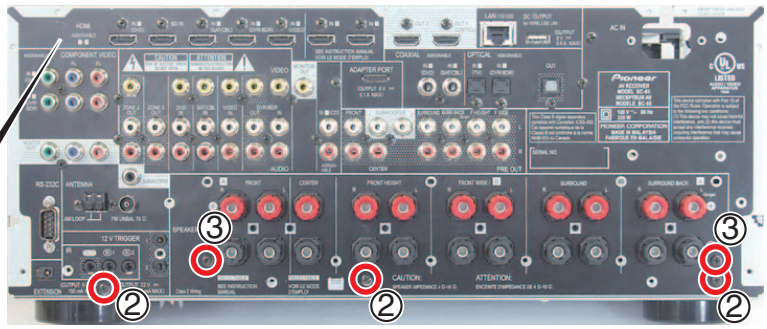
(1) Allocate the D-AMP_S ASSY attached with the Heat Cond Sheet, the Heat Sink Spacer and the Heat Sink 85. Don't fix it with screws.



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

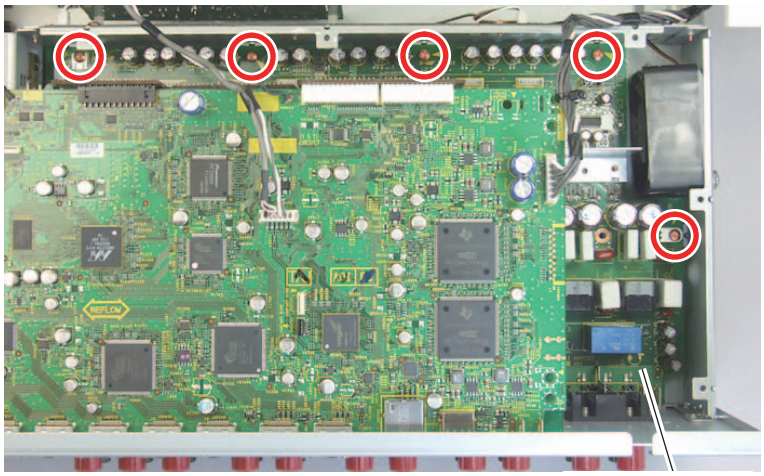
Note: Fix the DIGITAL MAIN ASSY to the Hook of the Right Angle 85.





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

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

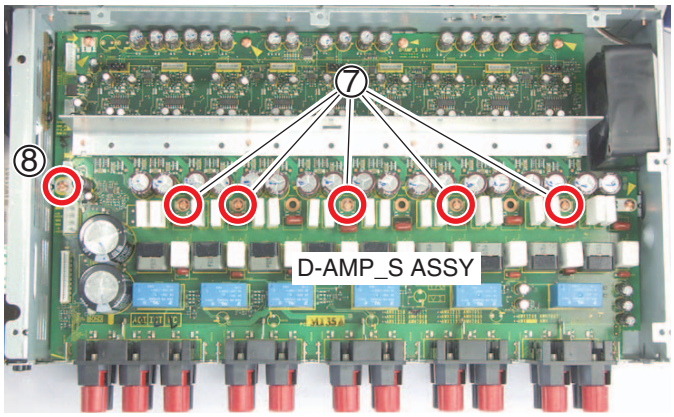


(5) Remove the five screws temporarily fixed in accordance with step (2) and (3). (BBZ30P080FTB)

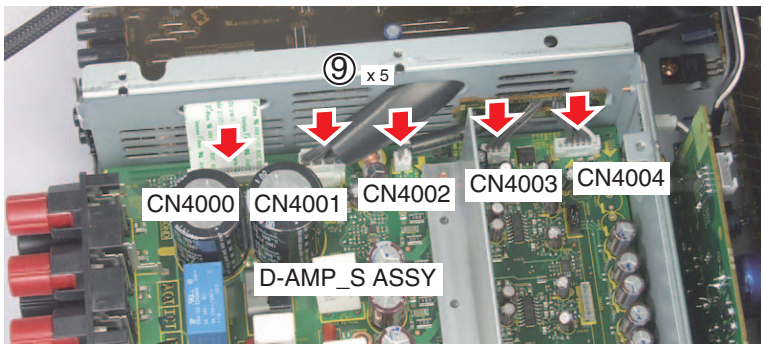
(6) Remove the Rear Panel (with other ASSY).

(7) Attach the five screws. (IBZ30P150FCC)

(8) Attach the screw. (BBZ30P060FCC)

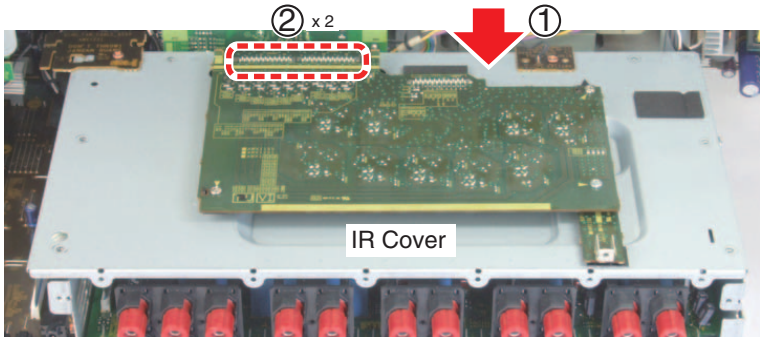


(9) Connect the five connectors.



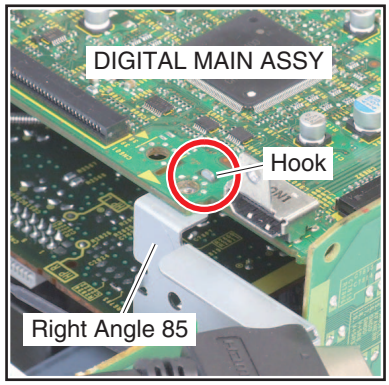
[2] Attach the IR Cover

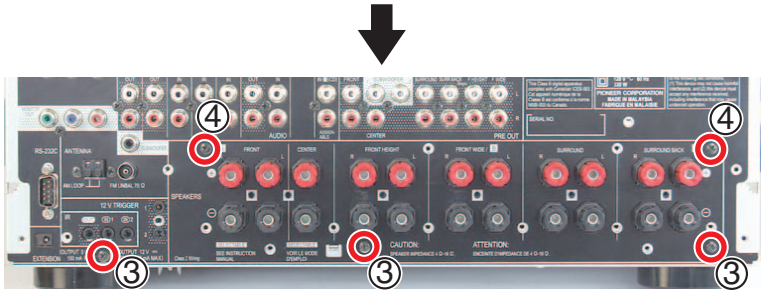
(1) Allocate the IR Cover (with other ASSY). Don't fix it with screws.
(2) Connect the two connectors.

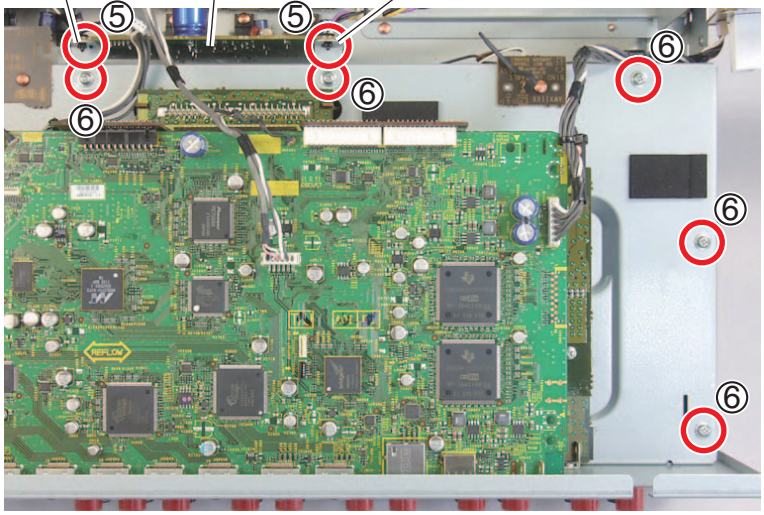


(3) Temporarily attach the Rear Panel (with other ASSY) to the Chassis 65, using the three screws. (BBZ30P080FTB)

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





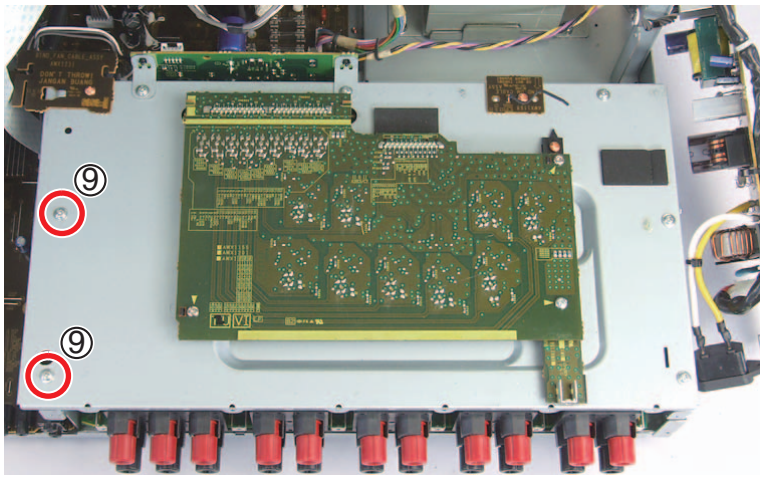


(4) Temporarily attach the IR Cover to the Rear Panel, using the two screws. (BBZ30P080FTB)

(5) Attach the two REG Angles to the A-REG ASSY, using the two Nylon Rivets. (AEC7406)
(6) Attach the IR Cover, using the five screws. (AMZ30P060FTC)

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

(7) Remove the five screws temporarily fixed in accordance with step (3) and (4). (BBZ30P080FTB)
(8) Remove the Rear Panel (with other ASSY).



(9) Attach the two screws. (AMZ30P060FTC)

Refer to the step (5) to (1) of **"[3-1] Remove the IR Cover"** of **"Disassembly"** henceforth.

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. • IC903 (SiI9233ACTU) • IC1204 (88DE2750) • IC1212 (H5PS5162GFR-S5C) • IC1602 (SiI9136CTU) • IC1609 (SiI9573CTUC) • IC9002 (D808K013CPTP400) • IC9203 (LAN8700C-AEZG) • IC9204 (DM860A) • IC9510 (NJM2846DL3-33) • IC9520 (BD9328EFJ) • IC9521 (BD9328EFJ) • IC9522 (BD9329EFJ) • IC9524 (BD9328EFJ) • IC9602 (SiI9575CTUC) • IC9702 (D808K013CPTP400)
D-AMP_S 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)
DISPLAY ASSY	➡	After replacing IC3001(PDC203A8), perform "8.3 REGION WRITING" and then, update to the latest firmware.
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 Setting for Standby Through	EVENT Ucom
Settings for NETWORK Preset Memory, Favorite, Recently played, Accounts, 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(FAT16 or FAT32)

[File saving format]

Files are to be saved in the following format: Model number_backup version.extension(avr)
Example: SC-65_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 "2006/03/08 20:01."
- 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

[Cautions]

- You cannot use the backup function with USB memory until the BridgeCo software starts.
- It takes about 45 seconds before the BridgeCo software starts.

8.3 REGION WRITING

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

[Preparations]

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-65/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.

[Cautions]

- Writing of destination is not completed until the BridgeCo software starts.
- It takes about 45 seconds before the BridgeCo software starts.

[Case of Abnormal Completion]

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

FL Display Examples	Reason for Display	Coping Strategy
E R R O R R 0 1	·Case of unsuccessful USB Read-in ·Case of No File for Writing	·Try writing with other USB Memory ·Place writing required REGION File to root directory
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.

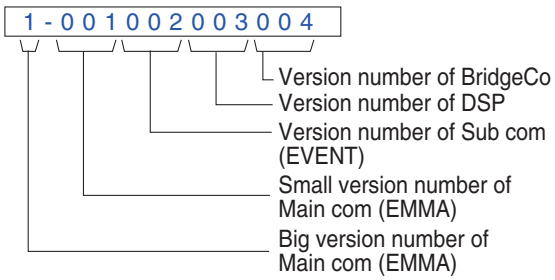
[Procedures]

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．　０％
UPDATE start	
↓	
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 26 minutes at the maximum.
(Actual time is from 3 minutes to 26 minutes.)
Time required for updating varies, because only the programs that require updating will be updated.

[Confirmation]

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

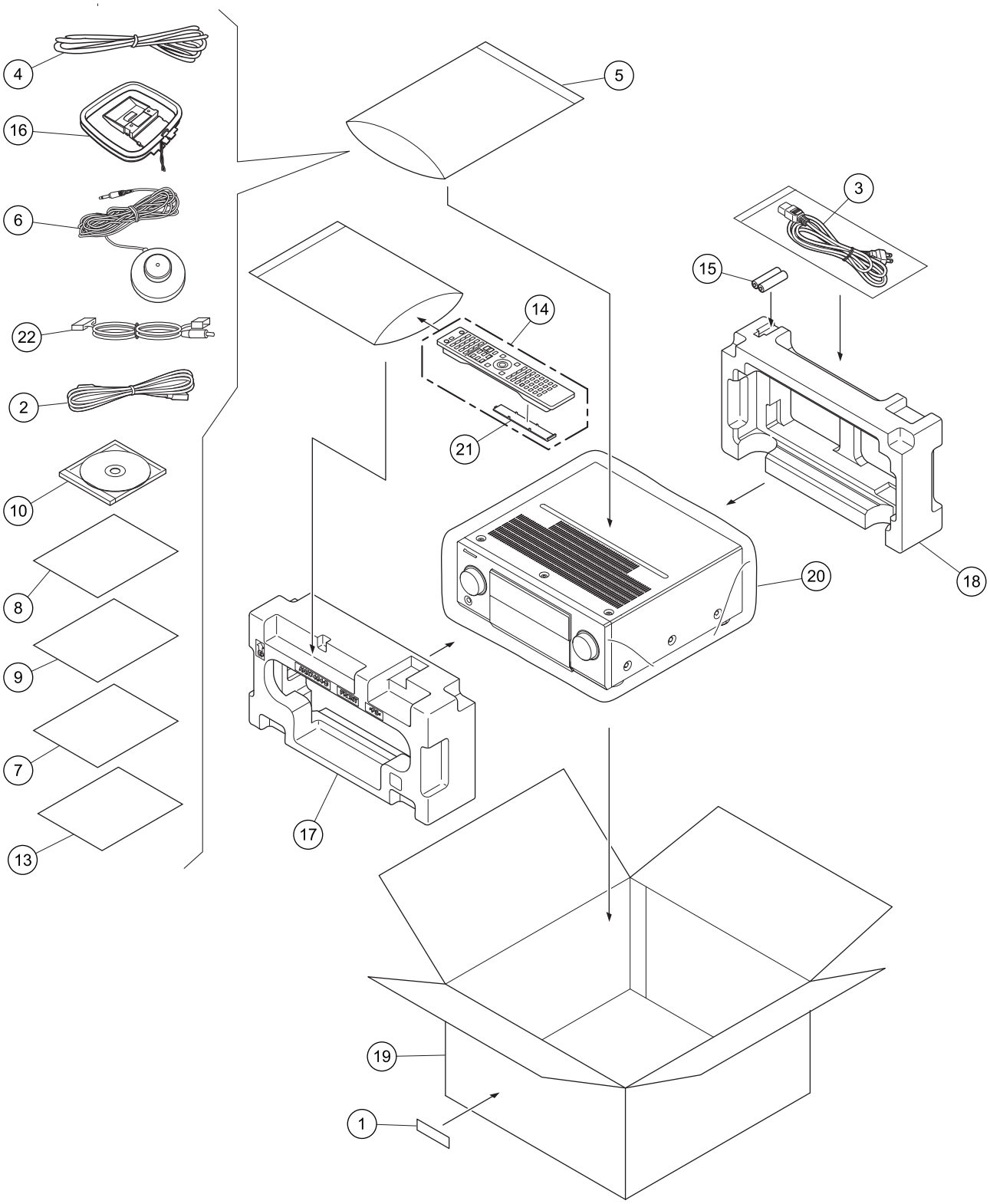
[Cautions]

- You cannot perform an update until the BridgeCo software starts.
- It takes about 45 seconds before the BridgeCo software starts.

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

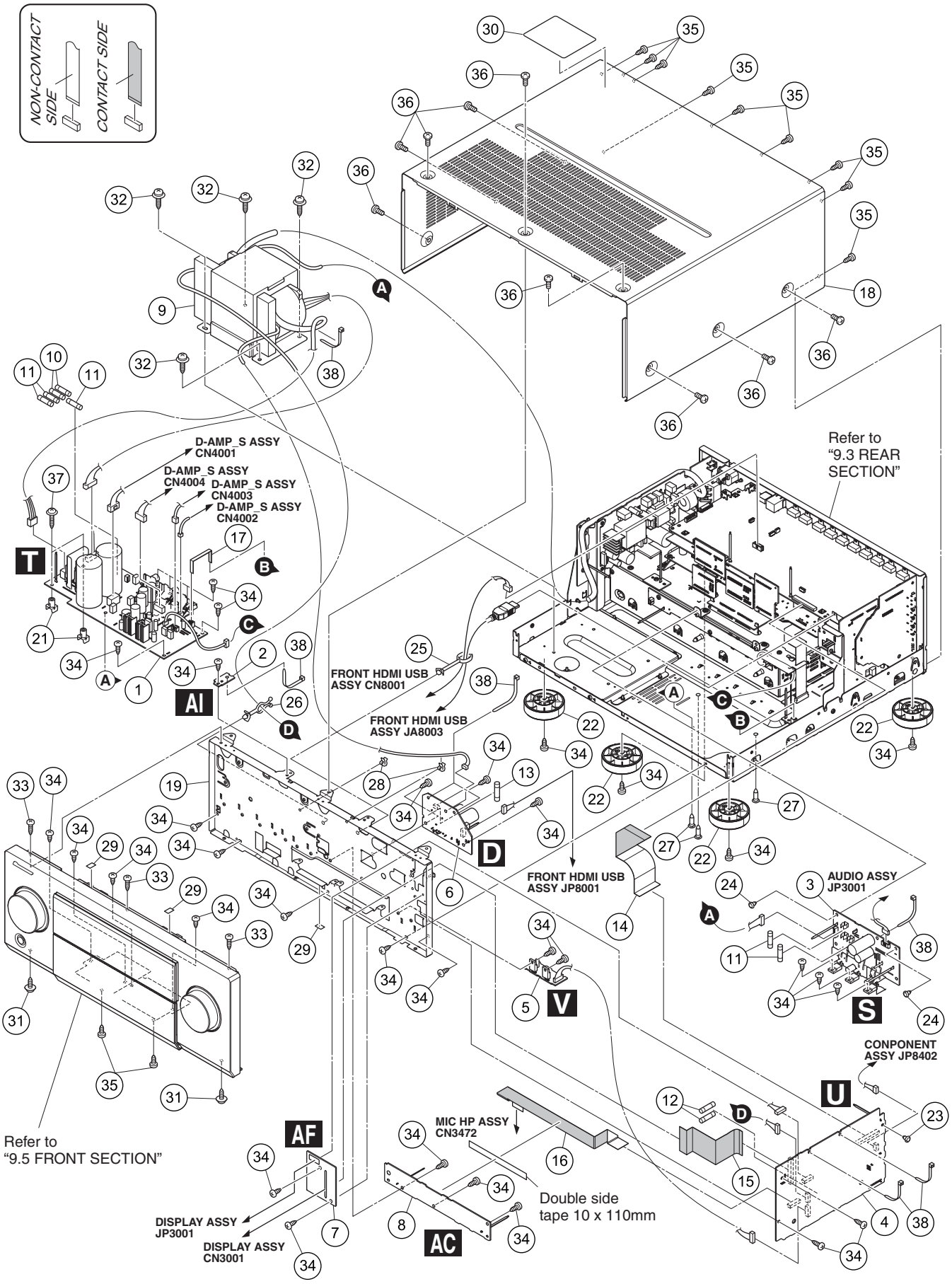
Mark	No.	Description	Part No.
NSP	1	Serial Label S	VRW2017
	2	MHL Cable	ADE7139
⚠	3	AC Power Cord	ADG7118
	4	FM Wire Antenna	ADH7030
NSP	5	Polyethylene Bag	AHG7117
	6	MCACC Setup Microphone	APM7010
	7	Quick Start Guide	See Contrast table (2)
	8	Caution Sheet SP,E	ARM7083
NSP	9	Caution Card CU	ARM7134
	10	Operating Instructions (CD-ROM)	See Contrast table (2)
	11	•••••	
	12	•••••	
NSP	13	Warranty Card	See Contrast table (2)
	14	Remote Control Unit MSW	AXD7668
NSP	15	Dry Cell Battery (R3)	VEM1051
	16	AM Loop Antenna	XTB3004
	17	Packing Pad /F	AHA7494
	18	Packing Pad /R	AHA7495
	19	Packing Case	See Contrast table (2)
	20	Packing Sheet	RHC1023
	21	Battery Door	AZN8047
	22	30P iPod Cable	ADE7136

(2) CONTRAST TABLE

SC-65/UXJCB, SC-1527-K/CUXJ and SC-1522-K/UXJCB are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-65/ UXJCB	SC-1527-K/ CUXJ	SC-1522-K/ UXJCB
	7	Quick Start Guide	ARH7119	ARH7125	ARH7142
	10	Operating Instructions (CD-ROM)	ARU7032	ARU7035	ARU7041
NSP	13	Warranty Card	ARY7007	ARY7045	ARY7045
	19	Packing Case	AHD8754	AHD8755	AHD8779

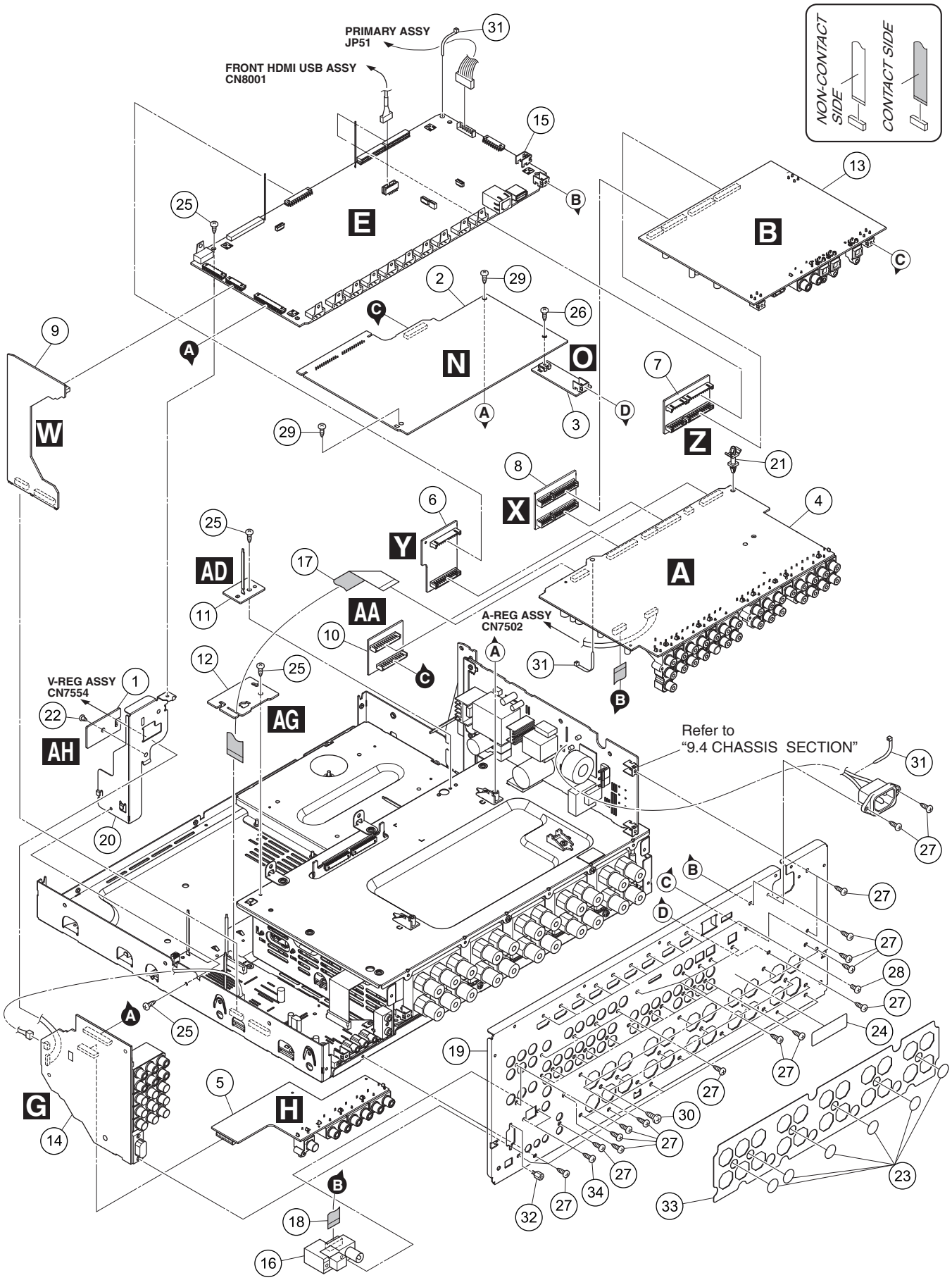
9.2 EXTERIOR SECTION



EXTERIOR SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	IR REG ASSY	AWX1283
NSP	2	TRANS VREG STYL ASSY	AWX1256
	3	A-REG ASSY	AWX1162
	4	V-REG ASSY	AWX1163
	5	VREG CHILD ASSY	AWX1165
	6	USB RECT ASSY	AWX1166
NSP	7	FFC GUARD ASSY	AWX1167
	8	MIC HP GUARD ASSY	AWX1152
⚠	9	Power Transformer	ATS7455
⚠	10	Fuse (FU13, FU14 : 1A)	REK1142
⚠	11	Fuse (FU11, FU12, FU15, FU21, FU22 : 1.25A)	REK1143
⚠	12	Fuse (FU31, FU32 : 1.6A)	REK1144
⚠	13	Fuse (FU10 : 6A)	REK1151
	14	39P FFC (J0005)	ADD7746
	15	39P FFC (J0007)	ADD7753
	16	15P FFC (J0003)	ADD7765
	17	3P FFC (J0004)	ADD7766
	18	Bonnet 65	AZN8052
NSP	19	Panel Stay 85	ANG7684
	20	•••••	
	21	PCB Mold	AMR2533
	22	Insulator	AMR7198
	23	Push Rivet	AEC7071
	24	Nylon Rivet	AEC7406
	25	Cord Clamper HL	AEC7653
	26	Cord Clamper NIP	AEC7655
	27	PCB Holder	PNW2029
NSP	28	Mini Clamp	VEC1597
	29	Cushion 11 x 7	AED7092
	30	Lisence Label	ARW7446
	31	Screw (Steel)	ABA1193
	32	Screw 4 x 12 (FE)	ABA7109
	33	Screw	BBT30P080FCC
	34	Screw	BBZ30P060FCC
	35	Screw	BBZ30P080FTB
	36	Screw	BCZ40P060FTB
	37	Screw	IBZ30P180FTC
	38	Binder (BK-1)	ZCA-BK1

9.3 REAR SECTION



(1) REAR SECTION PARTS LIST

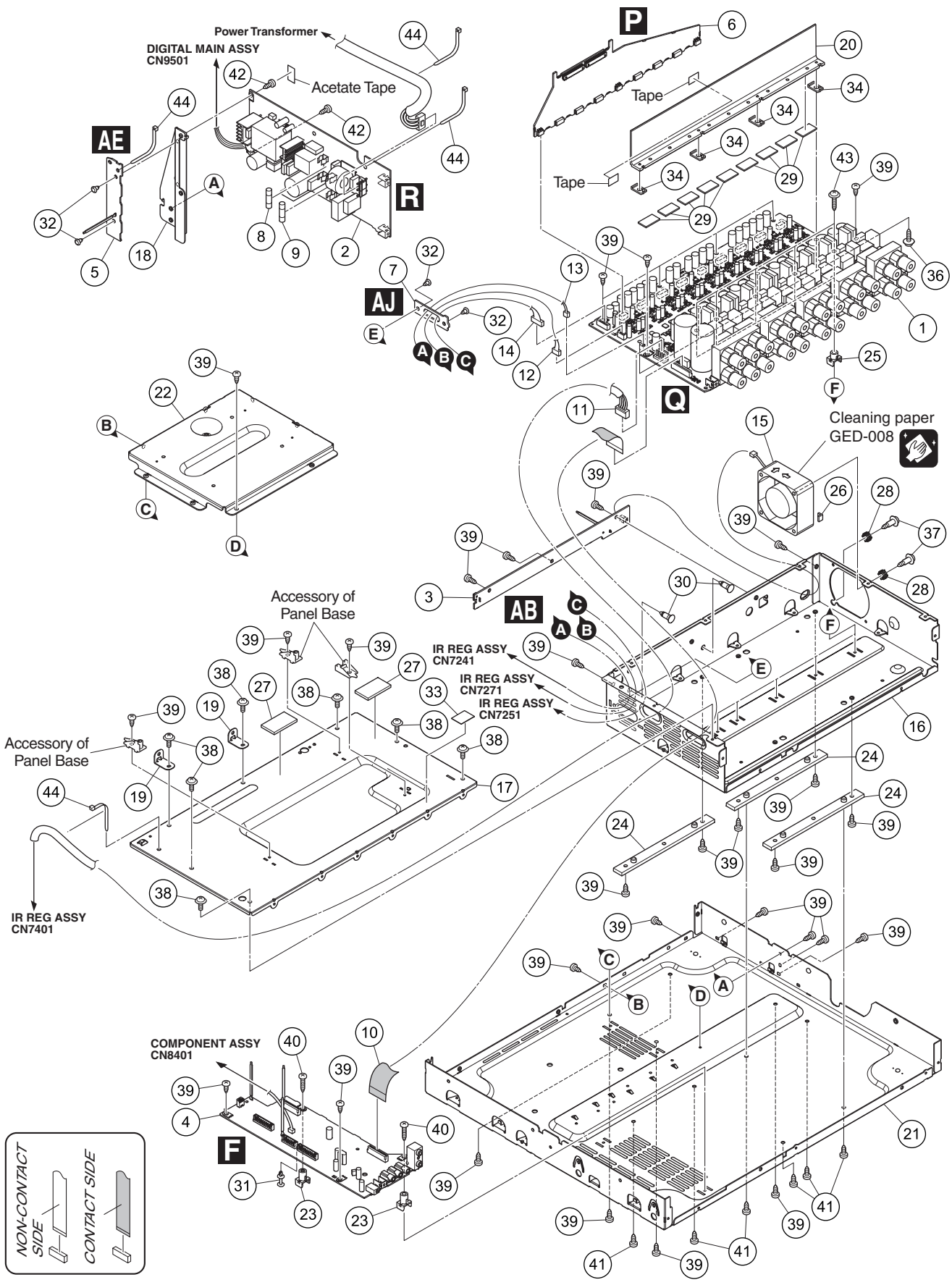
Mark	No.	Description	Part No.
NSP	1	VREG GUARD ASSY	AWX1153
	2	IR BUFFER ASSY	AWX1155
	3	BUFFER GND ASSY	AWX1156
	4	AUDIO ASSY	AWX1113
	5	COMPOSITE ASSY	AWX1116
	6	D-AUDIO BRIDGE ASSY	AWX1127
	7	D-DAC BRIDGE ASSY	AWX1128
	8	A-DAC BRIDGE ASSY	AWX1129
	9	CONNECT ASSY	AWX1160
	10	PRE BRIDGE ASSY	AWX1161
	11	BIND DM CABLE ASSY	AWX1168
NSP	12	BIND FAN CABLE ASSY	AWX1231
	13	DAC HIGH ASSY	AWX1103
	14	COMPONENT ASSY	AWX1105
	15	DIGITAL MAIN ASSY	AWX1199
	16	AM/FM Tuner Unit	AXX7282
	17	15P FFC (J0002)	ADD7764
	18	9P FFC (J0006)	ADD7781
	19	Rear Panel	See Contrast table (2)
	20	Right Angle 85	ANG7687
NSP	21	PCB Spacer	AEC1084
	22	Nylon Rivet	AEC7406
	23	Cushion Circle 14B	AED7081
NSP	24	Serial Label S	VRW2017
	25	Screw	BBZ30P060FCC
	26	Screw	BBZ30P060FTC
	27	Screw	BBZ30P080FTB
	28	Screw	BMZ30P040FTB
	29	Screw	BPZ30P080FNI
	30	Screw	BPZ30P100FTC
	31	Binder (BK-1)	ZCA-BK1
	32	Hex head Screw 2.85 X 7	ABA7078
	33	Insulating Sheet 65	AEC7657
	34	Screw	ABA1207

(2) CONTRAST TABLE

SC-65/UXJCB, SC-1527-K/CUXJ and SC-1522-K/UXJCB are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-65/ UXJCB	SC-1527-K/ CUXJ	SC-1522-K/ UXJCB
	19	Rear Panel	ANC8632	ANC8633	ANC8657

9.4 CHASSIS SECTION

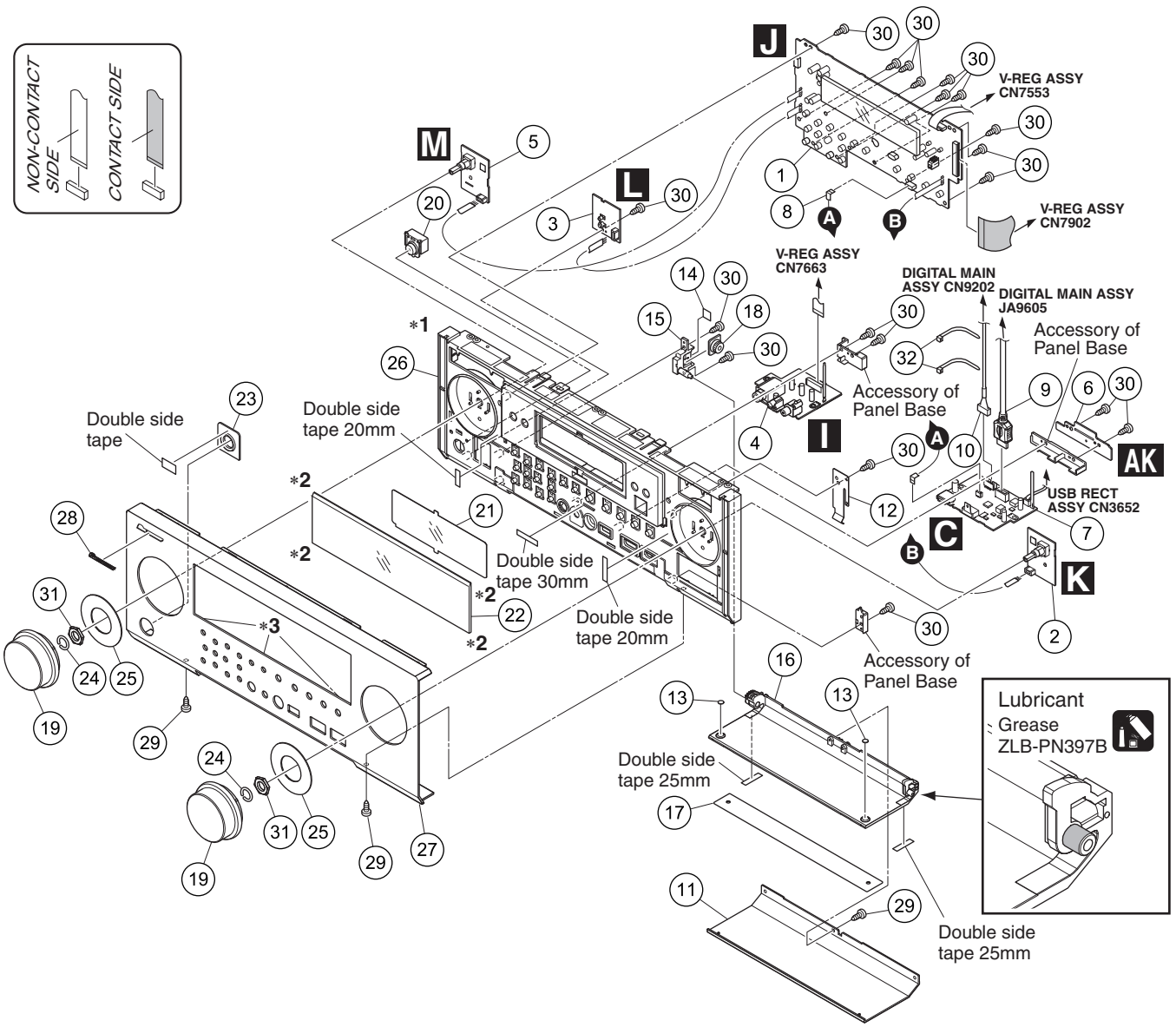


CHASSIS SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	D-AMP_S ASSY	AWX1210
	2	PRIMARY ASSY	AWX1136
	3	FAN CONNECT_S ASSY	AWX1130
	4	INTERFACE ASSY	AWX1157
	5	P WIRE GUARD ASSY	AWX1229
	6	IR INTERFACE ASSY	AWX1112
NSP	7	IR EDGE GUARD ASSY	AWX1230
⚠	8	Fuse (FU4 : 2A)	REK1139
⚠	9	Fuse (FU1 : 10A)	REK1154
	10	19P FFC (J0008)	ADD7747
	11	4P Housing ASSY (Y0023)	ADX7779
	12	4P Housing ASSY (Y0024)	ADX7780
	13	2P Housing ASSY (Y0025)	ADX7781
	14	7P Housing ASSY (Y0026)	ADX7782
⚠	15	DC Fan Motor	AXM7040
NSP	16	IR Box	ANF7067
NSP	17	IR Cover	ANF7068
	18	PRI Angle	ANG7747
	19	REG Angle	ANG7748
NSP	20	Heat Sink 85	ANH7234
NSP	21	Chassis 65	ANA7243
	22	TS Frame	ANG7746
	23	PCB Mold	AMR2533
	24	Insulator ICE	AMR7523
	25	PCB Mold	AMR7536

Mark	No.	Description	Part No.
	26	Cushion 5 x 8	AEB7397
	27	Cushion T3 20 x 35	AEB7406
	28	Damper Bushing 83	AEB7425
	29	Heat Cond Sheet	AEB7434
	30	Spacer	AEC1065
	31	PCB Spacer	AEC7080
	32	Nylon Rivet	AEC7406
	33	Insulating Sheet	AEC7654
	34	Heat Sink Spacer	AMR7568
	35	•••••	
	36	Screw	ABA1052
	37	Screw (3 x 11.6)	ABA7146
	38	Screw	AMZ30P060FTC
	39	Screw	BBZ30P060FCC
	40	Screw	BBZ30P180FCC
	41	Screw	BPZ30P080FNI
	42	Screw	BSZ30P060FCC
	43	Screw	IBZ30P150FCC
	44	Binder (BK-1)	ZCA-BK1

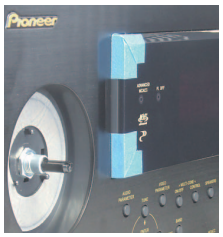
9.5 FRONT SECTION

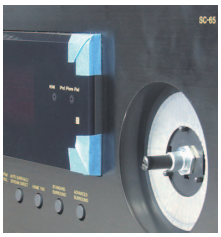


Note ∗1: Please pay attention not to hurt Panel Base 55U when you remove the Panel.

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

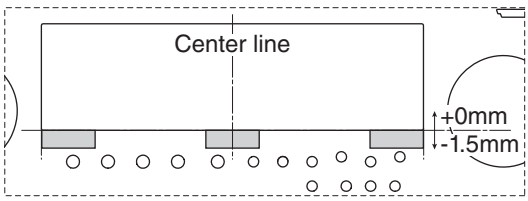
Left side





Right side

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



Inside

(1) FRONT SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	DISPLAY ASSY	See Contrast table (2)
	2	VOL ASSY	AWX1134
	3	POWER SW ASSY	See Contrast table (2)
	4	MIC HP ASSY	AWX1148
	5	ENCODER ASSY	AWX1150
NSP	6	PANEL GUARD ASSY	AWX1154
	7	FRONT HDMI USB ASSY	AWX1110
	8	7P FFC (J0001)	ADD7763
	9	HDMI Cable	ADX7732
	10	5P Housing ASSY (Y0020)	ADX7787
	11	Door Panel	See Contrast table (2)
	12	Door Spring	ABK7061
	13	Cushion Circle 6B	AED7083
	14	Cushion 11 x 7	AED7092
	15	Door Shaft 60	AMR7531
	16	Door Base 85	AMR7565
	17	Door Plate LX55	ANG7682
	18	Damper ASSY (240) LX	AXA7156
	19	VOL. Knob LX55	AAA7068
	20	STDBY BTN LX85 ASSY	AAD7804
	21	Filter	See Contrast table (2)
	22	Display Panel	See Contrast table (2)
	23	Power Ring LX85	AAK8571
	24	Ring	ABH7213
	25	VOL Stabilizer LX85	AEC7644
NSP	26	Panel Base 55U	AMB8041
	27	Panel	See Contrast table (2)
	28	Pioneer Badge	See Contrast table (2)
	29	Screw	BBZ30P080FTB
	30	Screw	BPZ30P080FNI
	31	Nut	NK90FTC
	32	Binder (BK-1)	ZCA-BK1

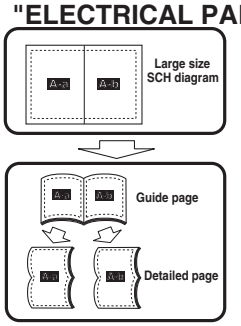
(2) CONTRAST TABLE

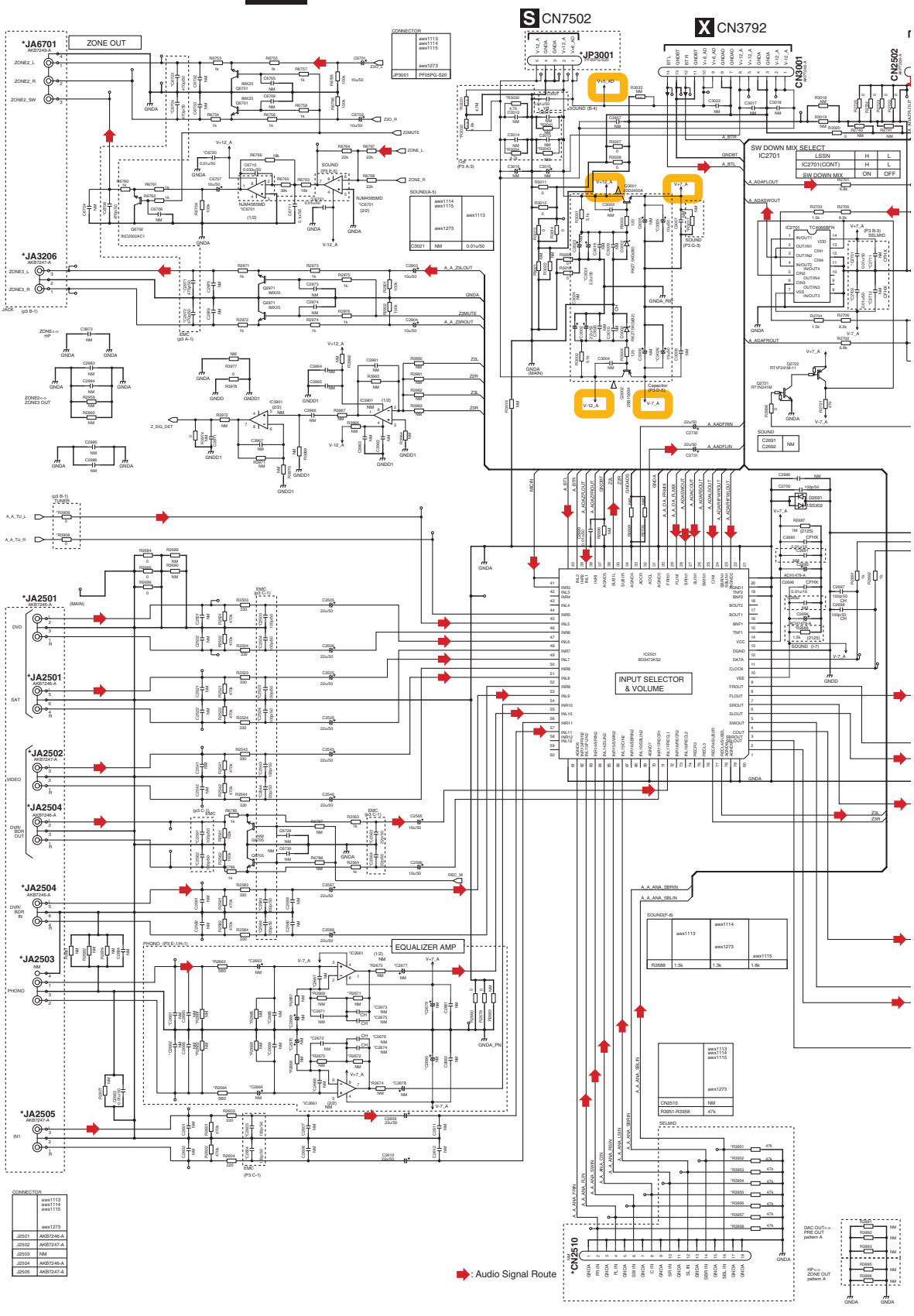
SC-65/UXJCB, SC-1527-K/CUXJ and SC-1522-K/UXJCB are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-65/ UXJCB	SC-1527-K/ CUXJ	SC-1522-K/ UXJCB
	1	DISPLAY ASSY	AWX1131	AWX1132	AWX1132
	3	POWER SW ASSY	AWX1135	AWX1151	AWX1151
	11	Door Panel	AAN7237	AAN7235	AAN7236
	21	Filter	AAK8443	AAK8459	AAK8459
	22	Display Panel	AAK8567	AAK8573	AAK8573
	27	Panel	ANB7577	ANB7578	ANB7588
	28	Pioneer Badge	VAM1159	VAM1158	VAM1158

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

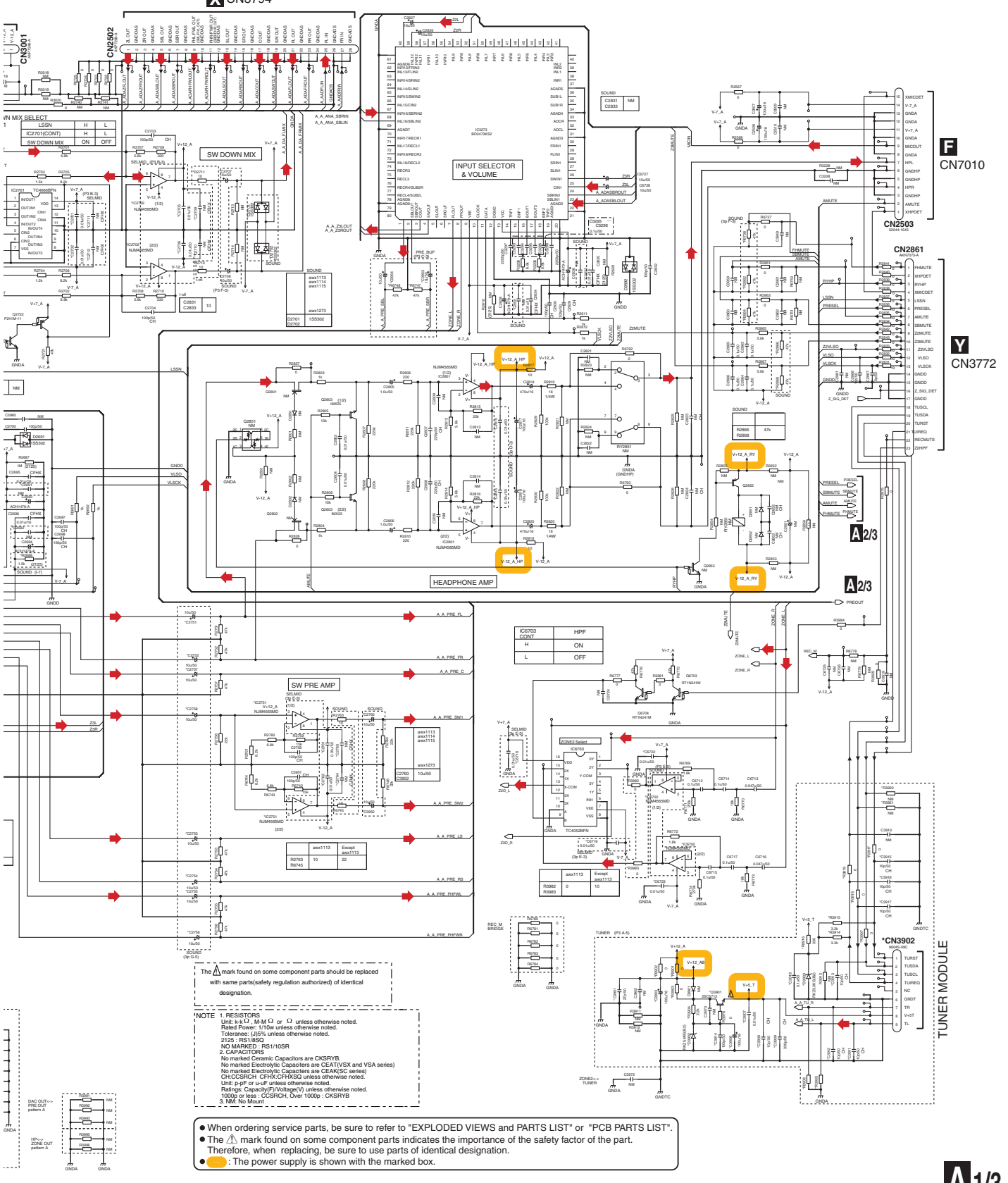
Note: When ordering service parts, be sure to refer to " EXPLODED VIEWS AND PARTS LIST" or "ELECTRICAL PARTS LIST".





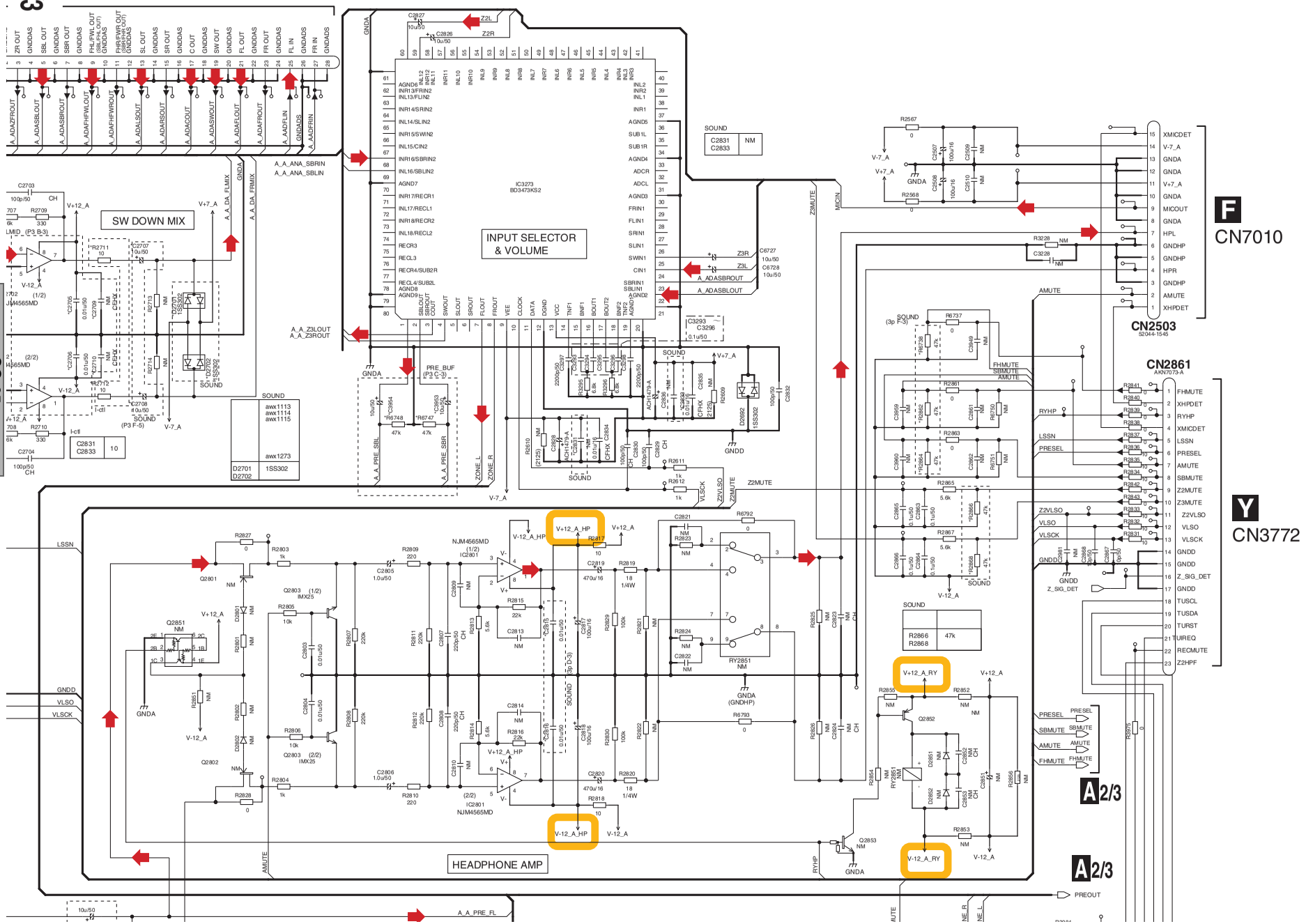
A-b 1/3

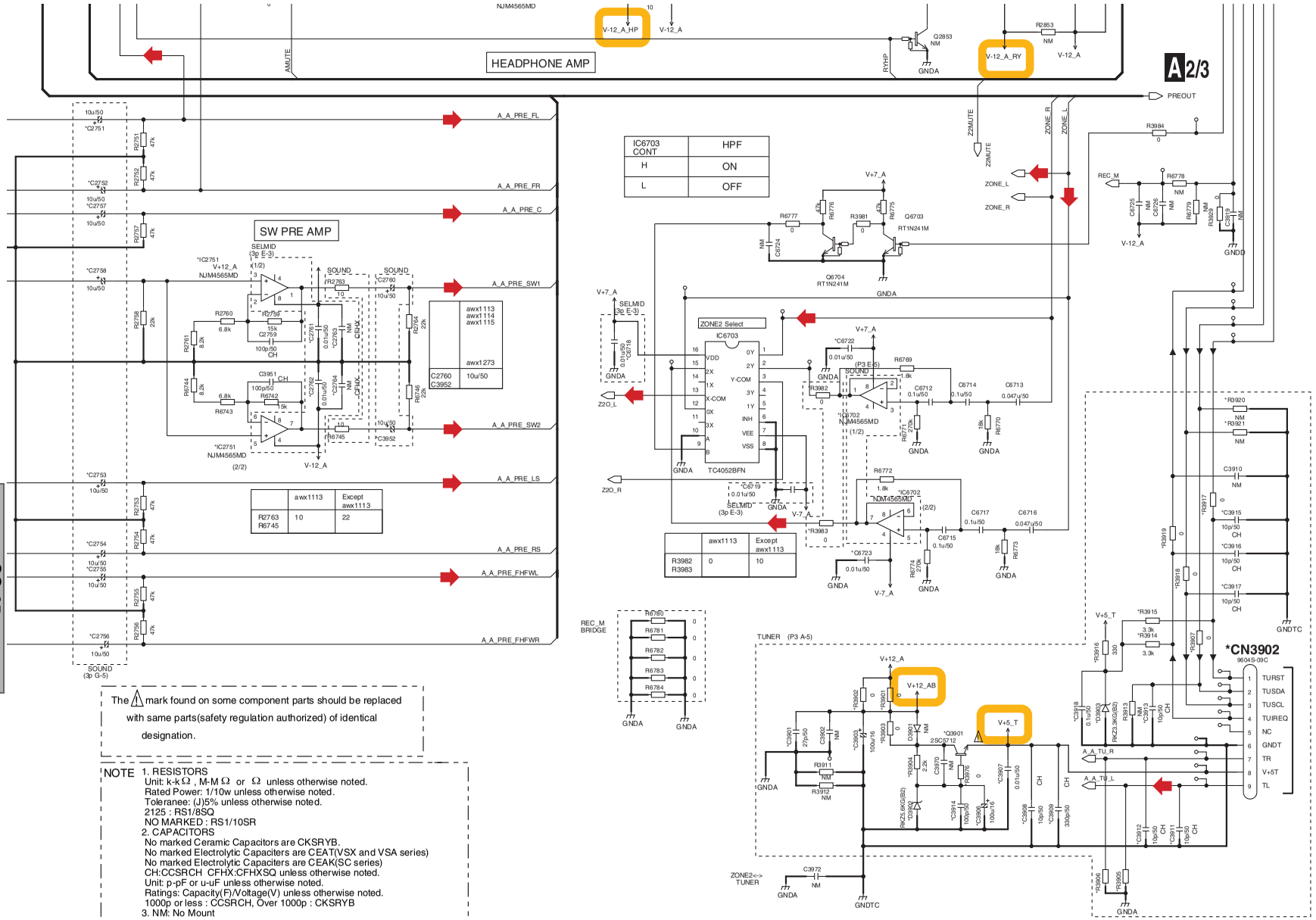
A1/3 AUDIO ASSY (1/3) (AWX1113)



A 1/3 AUDIO ASSY (1/3) (AWX1113)

X CN3794

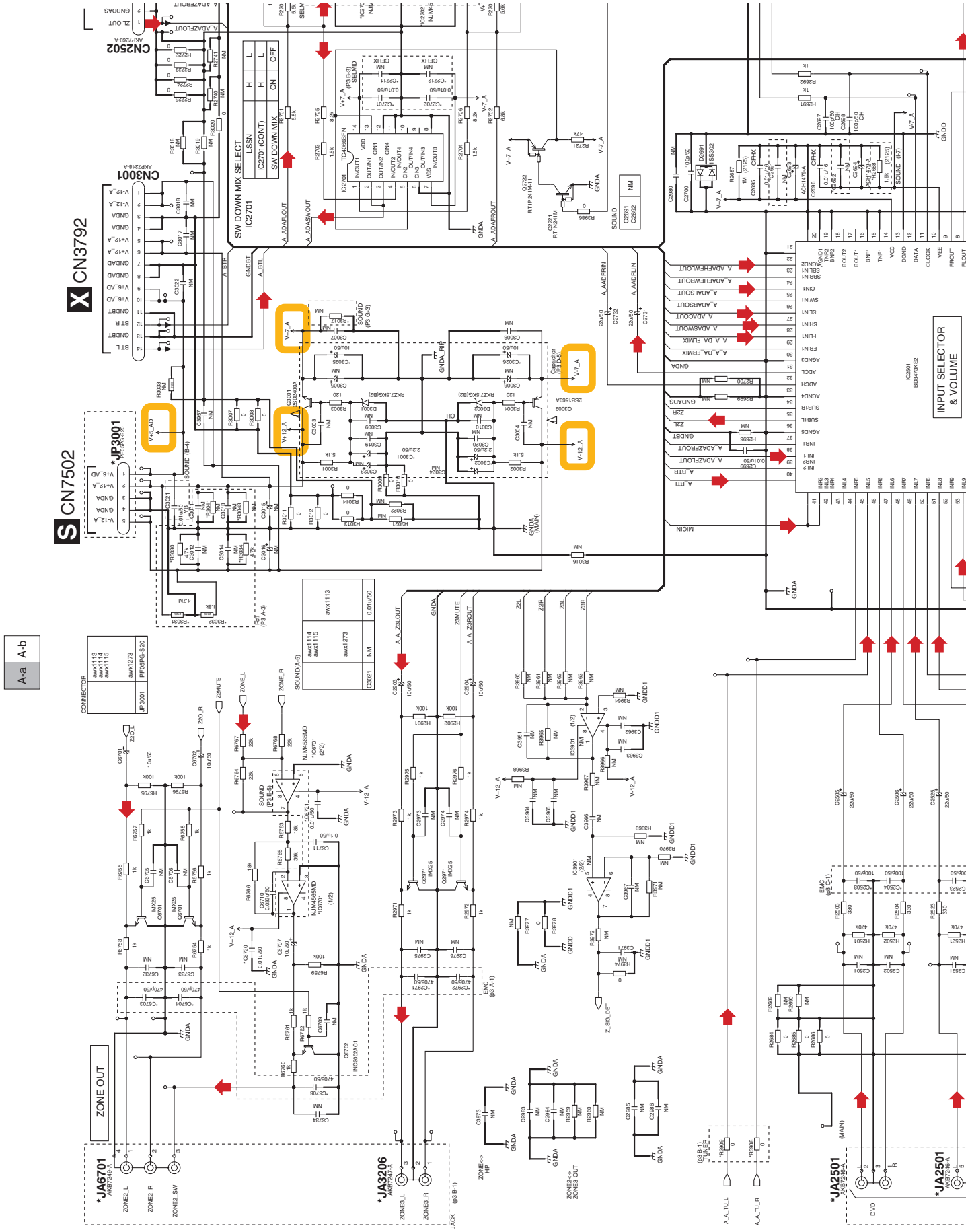


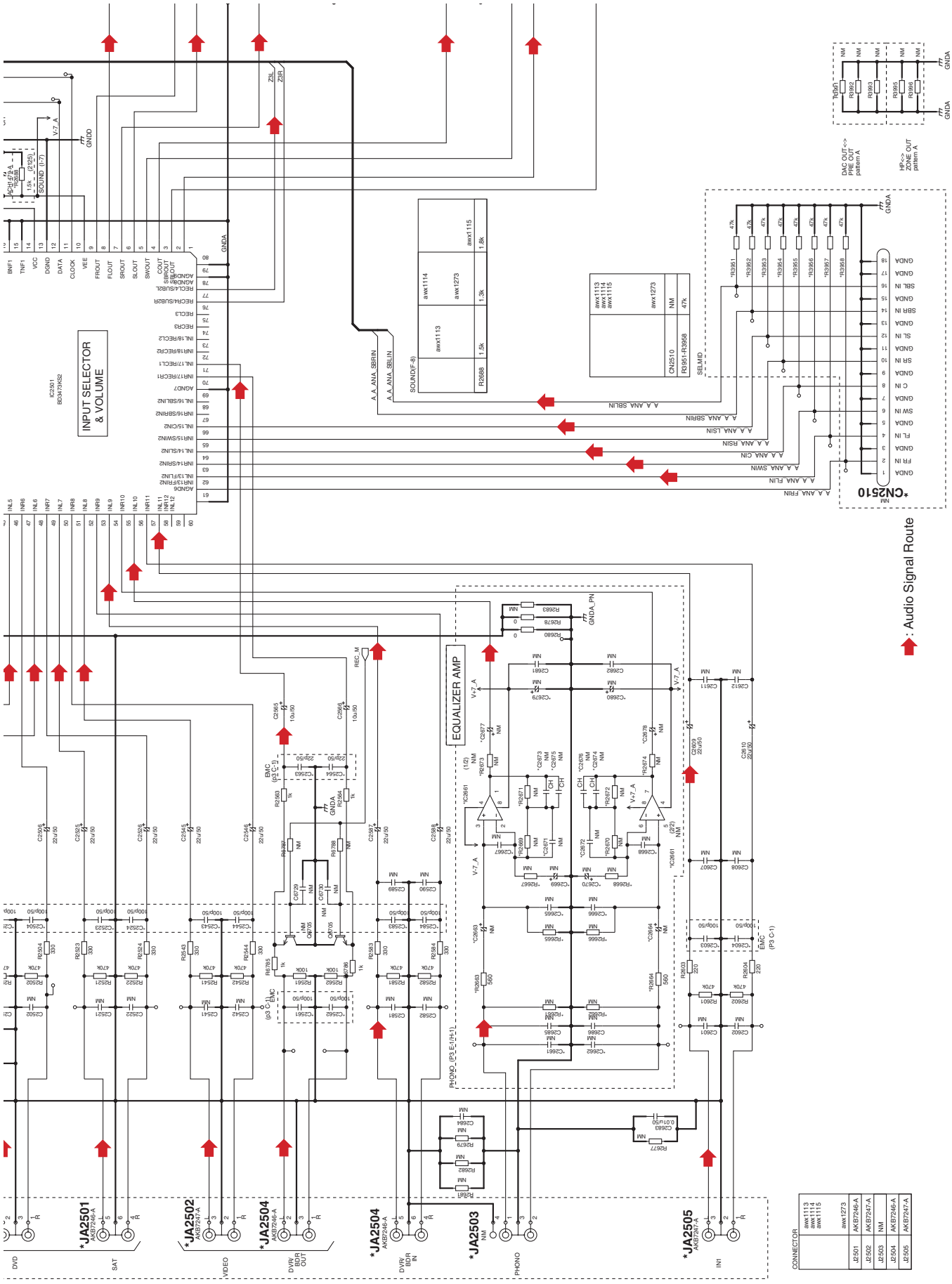


The ⚠ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

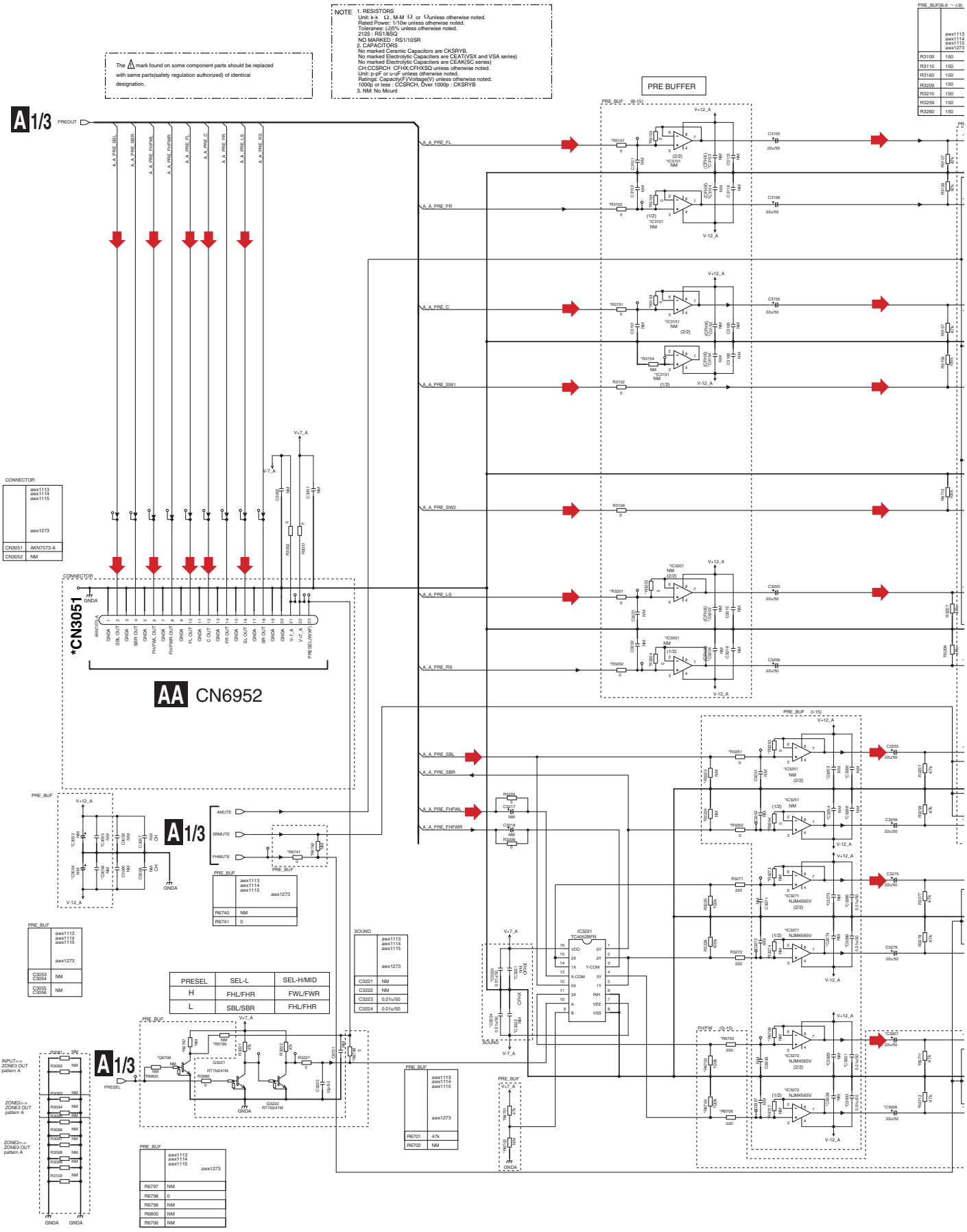
NOTE
1. RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated Power: 1/10w unless otherwise noted.
Toleranee: (J)5% unless otherwise noted.
2125 : RS1/8SQ
NO MARKED : RS1/10SR
2. CAPACITORS
No marked Ceramic Capacitors are CKSRYB.
No marked Electrolytic Capaciters are CEAT(VSX and VSA series)
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

- 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.


CN7502
CN3792
CN2502
CN3001
*JP3001
SW DOWN MIX SELECT
IC2701
INPUT SELECTOR & VOLUME
IC2501
BD3473KS2
ZONE OUT
*JA6701
*JA3206
*JA2501
(MAIN)
DVD
SOUND (P3 G-3)
SOUND (P3 E-5)
EMC (p3 C-1)
JACK (p3 B-1)
TUNER (p3 B-1)
ZONE2_L
ZONE2_R
ZONE2_SW
ZONE3_L
ZONE3_R
ZONE<-> HP
ZONE2<-> ZONE3 OUT
A-a 1/3
88
SC-65


INPUT SELECTOR & VOLUME
EQUALIZER AMP
: Audio Signal Route
*CN2510
*JA2501
*JA2502
*JA2503
*JA2504
*JA2505
DVD
SAT
VIDEO
DVR BDR OUT
DVR BDR IN
PHONO
IN1
CONNECTOR

10.2 AUDIO ASSY (2/3)



CONNECTOR	awx1113 awx1114 awx1115	awx1273
CN3051	AKN7073-A	
CN3052	NM	

PRE_BUF(B-9 ~ I-9)	awx1113 awx1114 awx1115 awx1273
R3109	150
R3110	150
R3160	150
R3209	150
R3210	150
R3259	150
R3260	150

PRE_BUF	awx1113 awx1114 awx1115	awx1273
R6740	NM	
R6741	0	

PRE_BUF	awx1113 awx1114 awx1115	awx1273
C3053 C3054	NM	
C3055 C3056	NM	

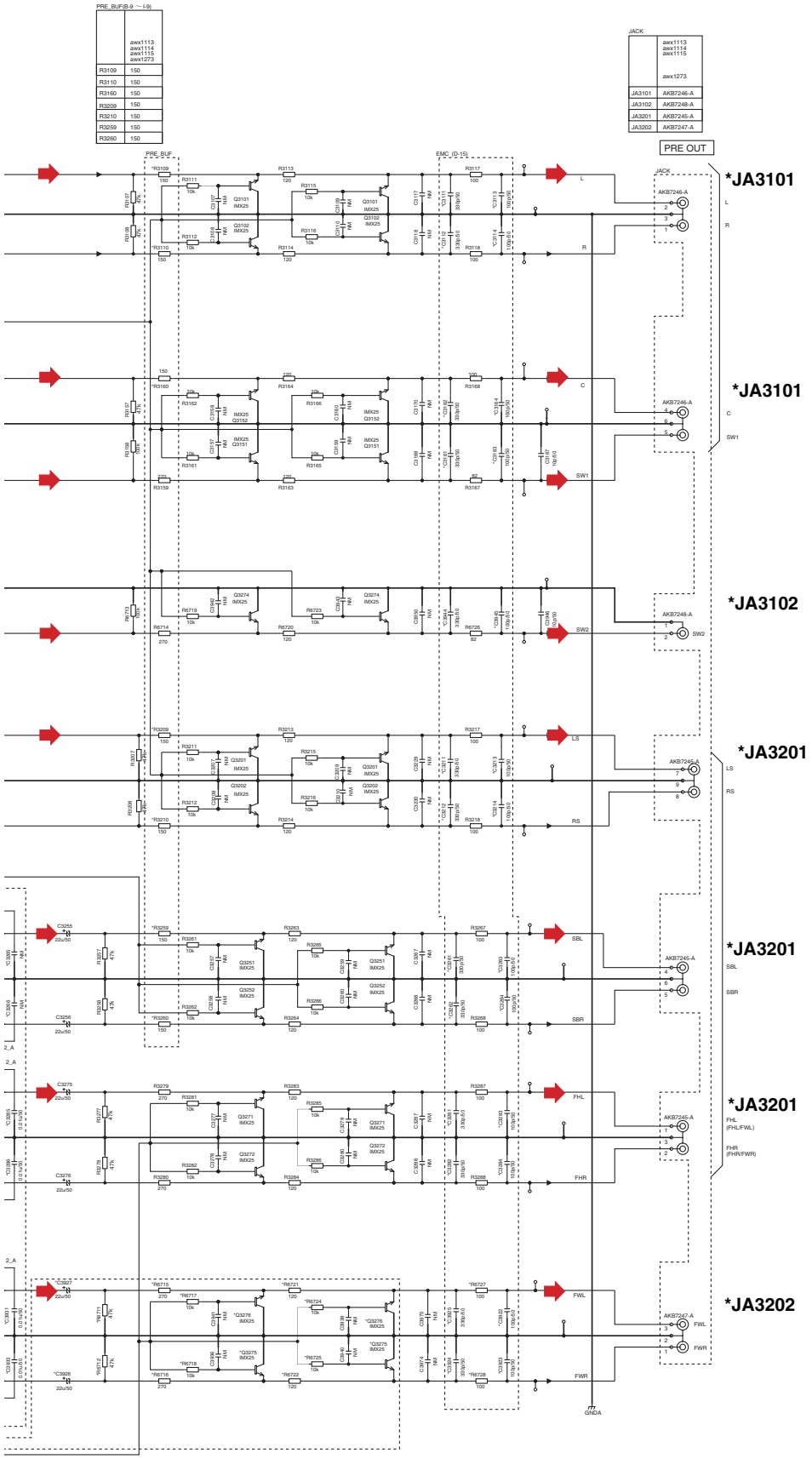
SOUND	awx1113 awx1114 awx1115	awx1273
C3221	NM	
C3222	NM	
C3223	0.01u/50	
C3224	0.01u/50	

PRESEL	SEL-L	SEL-H/MID
H	FHL/FHR	FWL/FWR
L	SBL/SBR	FHL/FHR

PRE_BUF	awx1113 awx1114 awx1115	awx1273
R6701	47k	
R6702	NM	

PRE_BUF	awx1113 awx1114 awx1115	awx1273
R6797	NM	
R6798	0	
R6799	NM	
R6800	NM	
R6706	NM	

A2/3 AUDIO ASSY (2/3) (AWX1113)



PRE_BUF(I-8 ～ K-8)

	awx1113 awx1114 awx1115 awx1273
C3253	NM
C3254	NM
C3265	NM
C3266	NM
C3273	NM
C3274	NM
C3285	0.01u/50
C3286	0.01u/50
C3928	NM
C3929	NM
C3931	0.01u/50
C3933	0.01u/50
R3223	NM
R3224	NM
R3251	0
R3252	0
R3253	0
R3254	0
R3273	NM
R3274	NM
R6707	NM
R6708	NM
IC3251	NM
IC3271	NJM4565V
IC3272	NJM4565V

PRE_BUF(B-7G)

	awx1113 awx1114 awx1115 awx1273
C3103	NM
C3104	NM
C3153	NM
C3154	NM
C3203	NM
C3204	NM
R3101	0
R3102	0
R3103	0
R3104	0
R3151	0
R3153	0
R3154	NM
R3201	0
R3202	0
R3203	0
R3204	0
IC3101	NM
IC3151	NM
IC3201	NM

EMC(11B ～ 11L)

	awx1113 awx1114 awx1273	awx1115
C3111	330p/50	NM
C3112	330p/50	NM
C3113	100p/50	NM
C3114	100p/50	NM
C3161	330p/50	NM
C3162	330p/50	NM
C3163	100p/50	NM
C3164	100p/50	NM
C3211	330p/50	NM
C3212	330p/50	NM
C3213	100p/50	NM
C3214	100p/50	NM
C3261	330p/50	NM
C3262	330p/50	NM
C3263	100p/50	NM
C3264	100p/50	NM
C3281	330p/50	NM
C3282	330p/50	NM
C3283	100p/50	NM
C3284	100p/50	NM
C3922	100p/50	NM
C3923	100p/50	NM
C3924	330p/50	NM
C3925	330p/50	NM
C3944	330p/50	NM
C3945	100p/50	NM
C6727	100	100
C6728	100	100

FH/FW(7K ～ 10K)

	awx1113 awx1114 awx1115	awx1273
C3926	22u/50	
C3927	22u/50	
R6703	100k	
R6704	100k	
R6705	220	
R6706	220	
R6711	47k	
R6712	47k	
R6715	270	
R6716	270	
R6717	10k	
R6718	10k	
R6721	120	
R6722	120	
R6724	10k	
R6725	10k	
Q3275	IMX25	
Q3276	IMX25	

: Audio Signal Route

10.3 AUDIO ASSY (3/3)

EMC(p1 A-2)

	awx1115	awx1113 awx1114 awx1273
C6703	NM	470p/50
C6704	NM	470p/50
C6708	NM	470p/50
C2971	NM	470p/50
C2972	NM	470p/50

I-ctl(p1 A-5)

	awx1115	awx1113 awx1114 awx1273
R3030	NM	4.7k
R3031	3.9k	4.7M
R3032	470k	1.8k
R3034	NM	4.7k
R3041	3.9k	NM
R3043	3.9k	NM

JACK(p1 A-1)

	awx1113 awx1114 awx1115 awx1273
JA3206	AKB7247-A
JA6701	AKB7249-A

SELMID(1p B-8/B-9)

	awx1113 awx1114 awx1115 awx1273
C2701	0.01/50
C2702	0.01/50
C2711	NM
C2712	NM
C2705	0.01/50
C2706	0.01/50
C2709	NM
C2710	NM
IC2702	NJM4565MD

TUNER(p1 E-1)

	awx1115	awx1113 awx1114 awx1273
R3908	NM	0
R3909	NM	0

EMC(p1 H-2/F-3/H-4/K-3)

	awx1115	awx1113 awx1114 awx1273
C2503	NM	100p/50
C2504	NM	100p/50
C2523	NM	100p/50
C2524	NM	100p/50
C2543	NM	100p/50
C2544	NM	100p/50
C2583	NM	100p/50
C2584	NM	100p/50
C2561	NM	100p/50
C2562	NM	100p/50
C2563	NM	22p/50
C2564	NM	22p/50
C2603	NM	100p/50
C2604	NM	100p/50

PRE_BUF(p1 C-11)

	awx1113 awx1114 awx1115 awx1273
C3953 C3954	10u/50
R6747 R6748	47k

SOUND(1p E-12)

	awx1113	awx1114 awx1115 awx1273
C2815	0.01u/50	NM
C2816	0.01u/50	NM

PHONO(p1 J-3)

	awx1113 awx1114 awx1115 awx1273
C2661	NM
C2662	NM
C2663	NM
C2664	NM
C2665	NM
C2666	NM
C2667	NM
C2668	NM
C2669	NM
C2670	NM
C2671	NM
C2672	NM
C2673	NM
C2674	NM
C2675	NM
C2676	NM
C2677	NM
C2678	NM
C2679	NM
C2680	NM
R2661	NM
R2662	NM
R2663	NM
R2664	NM
R2665	NM
R2666	NM
R2667	NM
R2668	NM
R2669	NM
R2670	NM
R2671	NM
R2672	NM
R2673	NM
R2674	NM

SELMID(1p H-10/H-12/I-13)

	awx1113 awx1114 awx1115 awx1273
C2761	0.01u/50
C2762	0.01u/50
C2763	NM
C2764	NM
C6718	0.01u/50
C6719	0.01u/50
IC2702	NJM4565MD

SOUND(1p C-15)

	awx1113 awx1114 awx1115 awx1273
R2862	47k
R2864 R6738	47k

SOUND(1p B-7)

	awx1113 awx1114 awx1115 awx1273
R3017	NM

PHONO(p1 J-3)

	awx1113 awx1114 awx1115 awx1273
IC2661	NM

A3/3 AUDIO ASSY (3/3) (AWX1113)

TUNER(p1 K-14)

	awx1115	awx1113	awx1114 awx1273
C3901	NM	27p/50	NM
C3903	NM	100u/50	100u/50
C3906	NM	100u/50	100u/50
C3907	NM	0.01u/50	0.01u/50
C3908	NM	10p/50	NM
C3909	NM	330p/50	330p/50
C3911	NM	10p/50	NM
C3912	NM	10p/50	NM
C3913	NM	10p/50	10p/50
C3914	NM	100p/50	100p/50
C3915	NM	10p/50	10p/50
C3916	NM	10p/50	NM
C3917	NM	10p/50	10p/50
C3918	NM	0.1u/50	0.1u/50
R3901	NM	0	2.2
R3902	NM	0	2.2
R3903	NM	0	0
R3904	NM	2.2k	2.2k
R3905	0	1M	1M
R3906	0	1M	1M
R3907	NM	0	10
R3914	NM	3.3k	3.3k
R3915	NM	3.3k	NM
R3916	NM	330	330
R3917	NM	0	10
R3918	NM	0	10
R3919	NM	0	10
R3920	47k	NM	NM
R3921	47k	NM	NM
R3976	NM	0	10
CN3902	NM	9604S-09C	9604S-09C
D3902	NM	RKZ5.6KG(B2)	RKZ5.6KG(B2)
D3903	NM	RKZ3.3KG(B2)	RKZ3.3KG(B2)
Q3901	NM	2SC5712	2SC5712

Capacitor(1p B-6/C-6)

	awx1273	awx1113 awx1114 awx1115
C3001 C3002	ACH7379-A	2.2u/50
C3025 C3026	ACH7380-A	10u/50

SOUND(1p B-3/I-14)

	awx1113 awx1114 awx1115 awx1273
IC6701 IC6702	NJM4565MD

SOUND(C-10)

	awx1113 awx1114 awx1115 awx1273
C2707 C2708	10u/50

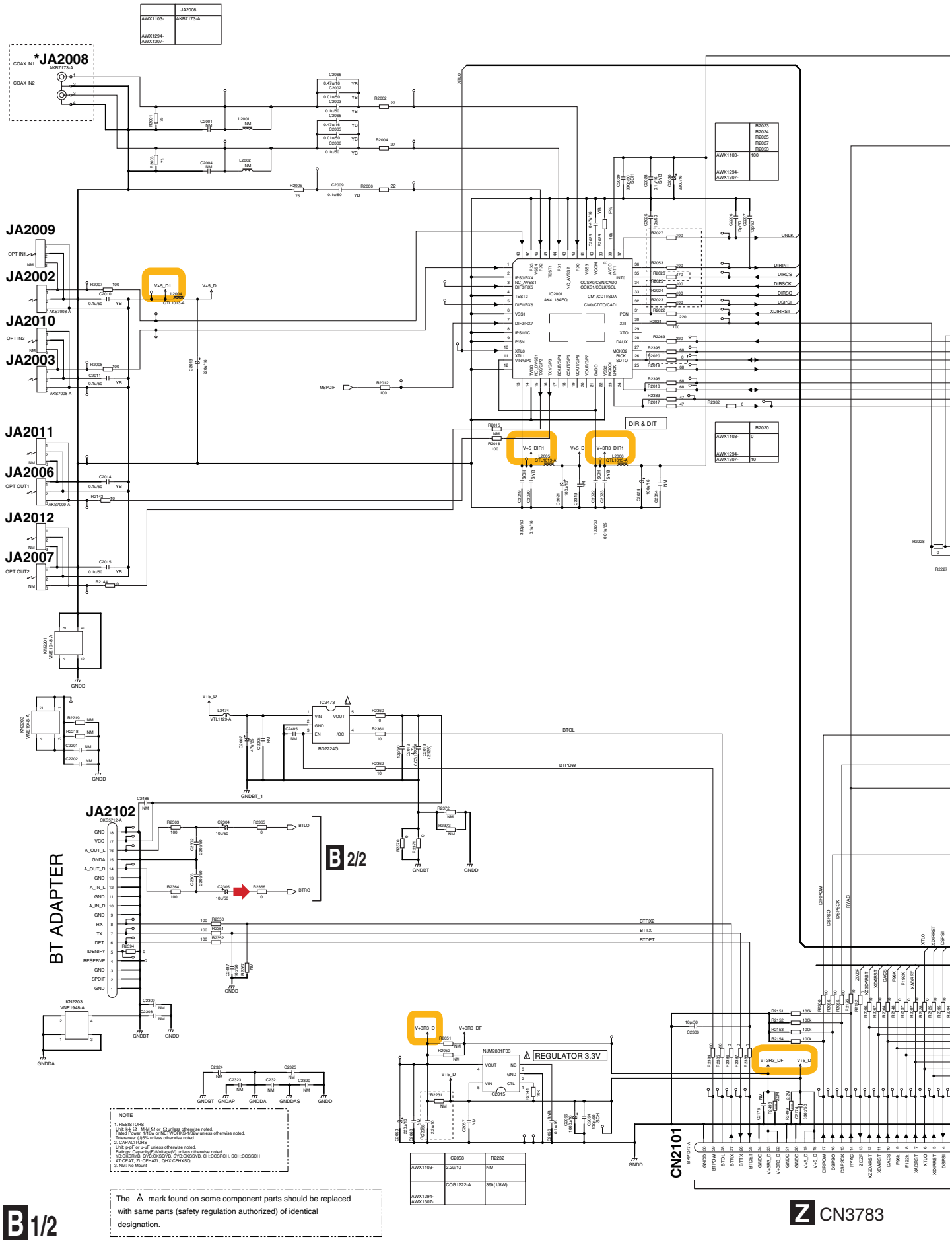
SOUND(G-9 ～J-9)

	awx1113 awx1114 awx1115 awx1273
C2751 C2752 C2753 C2754 C2755 C2756 C2757 C2758	10u/50

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.
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

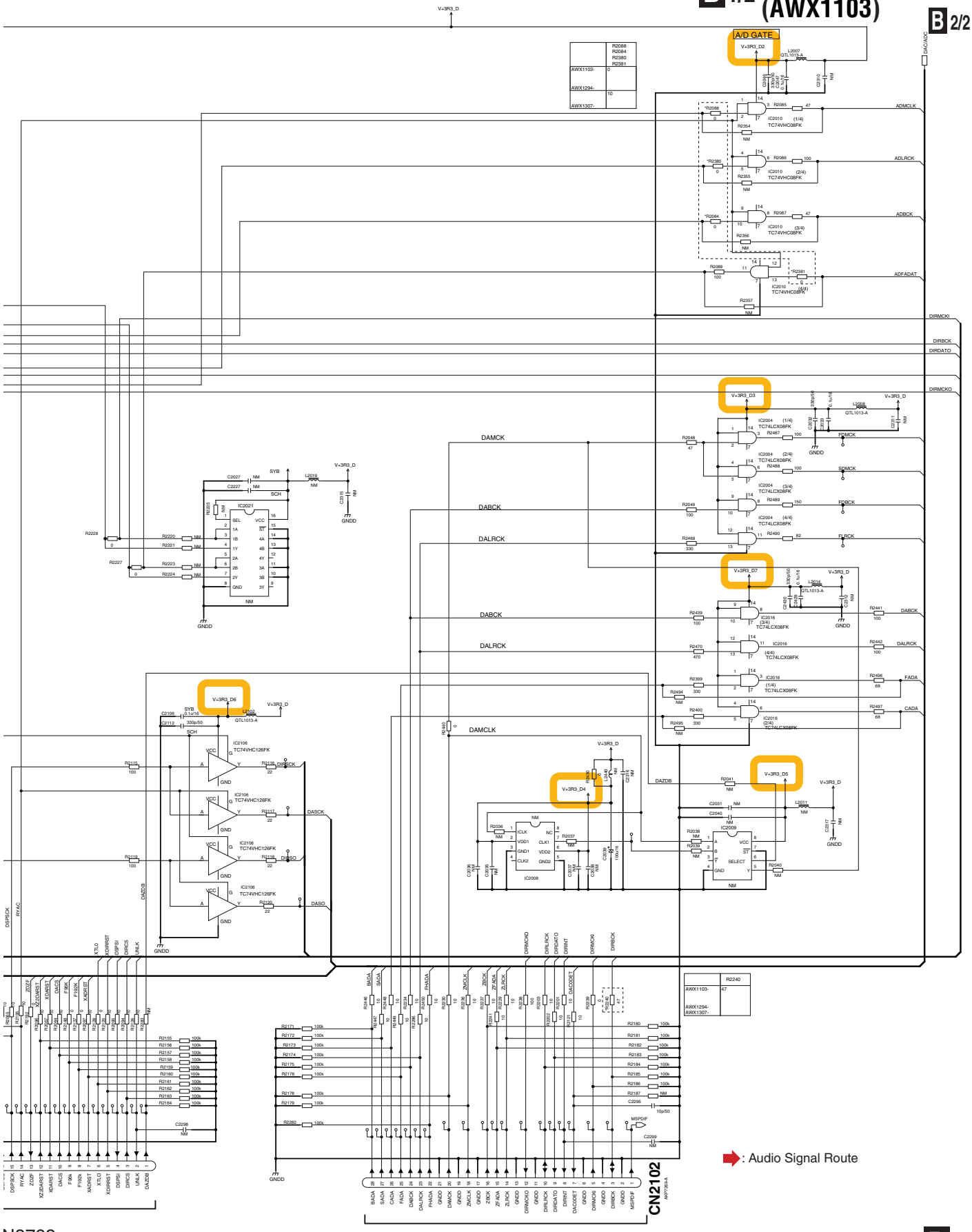
The ⚠ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

10.4 DAC HIGH ASSY (1/2)



B 1/2 DAC HIGH ASSY (1/2) (AWX1103)

B 2/2



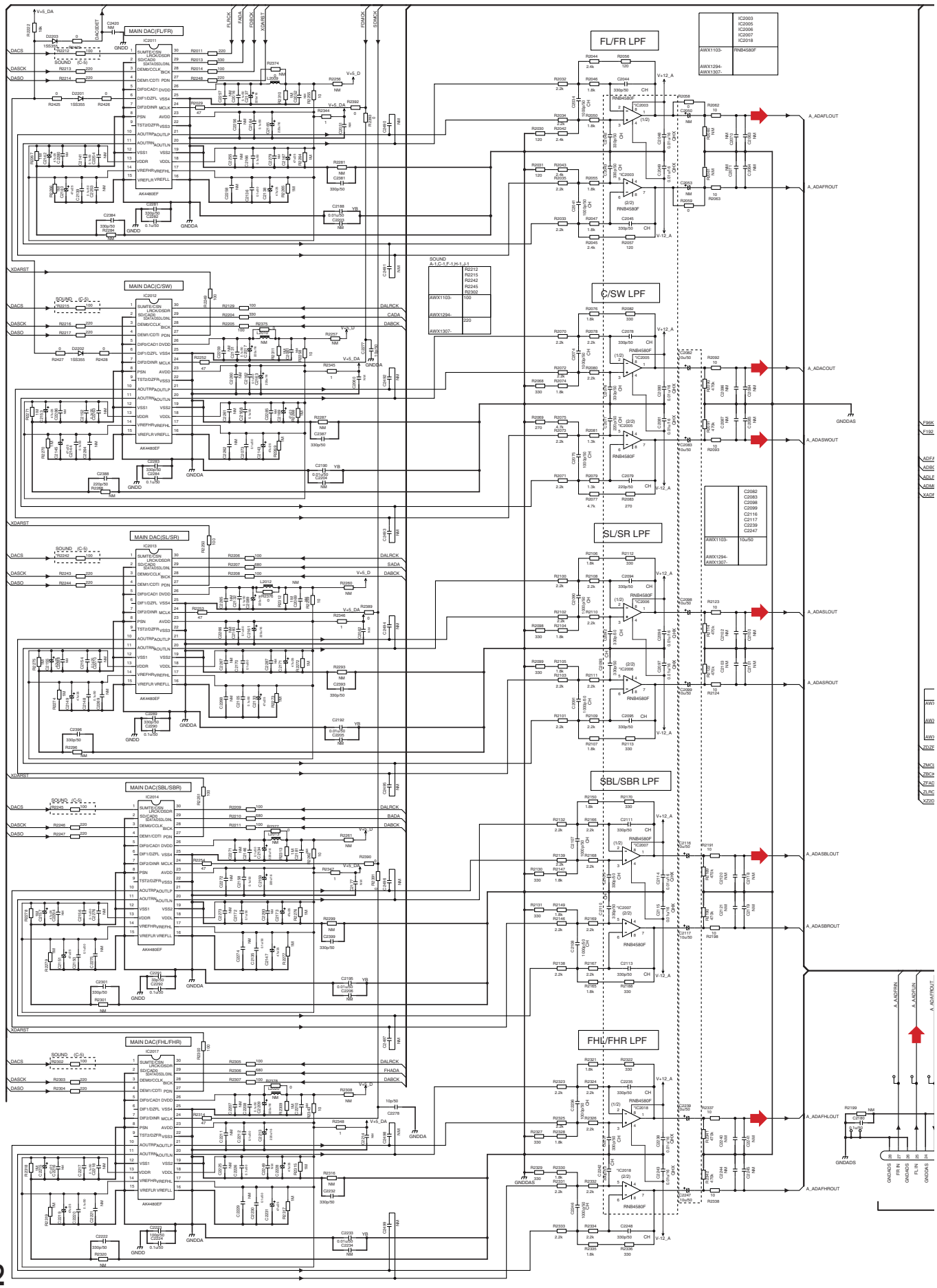
N3783

Z CN3781

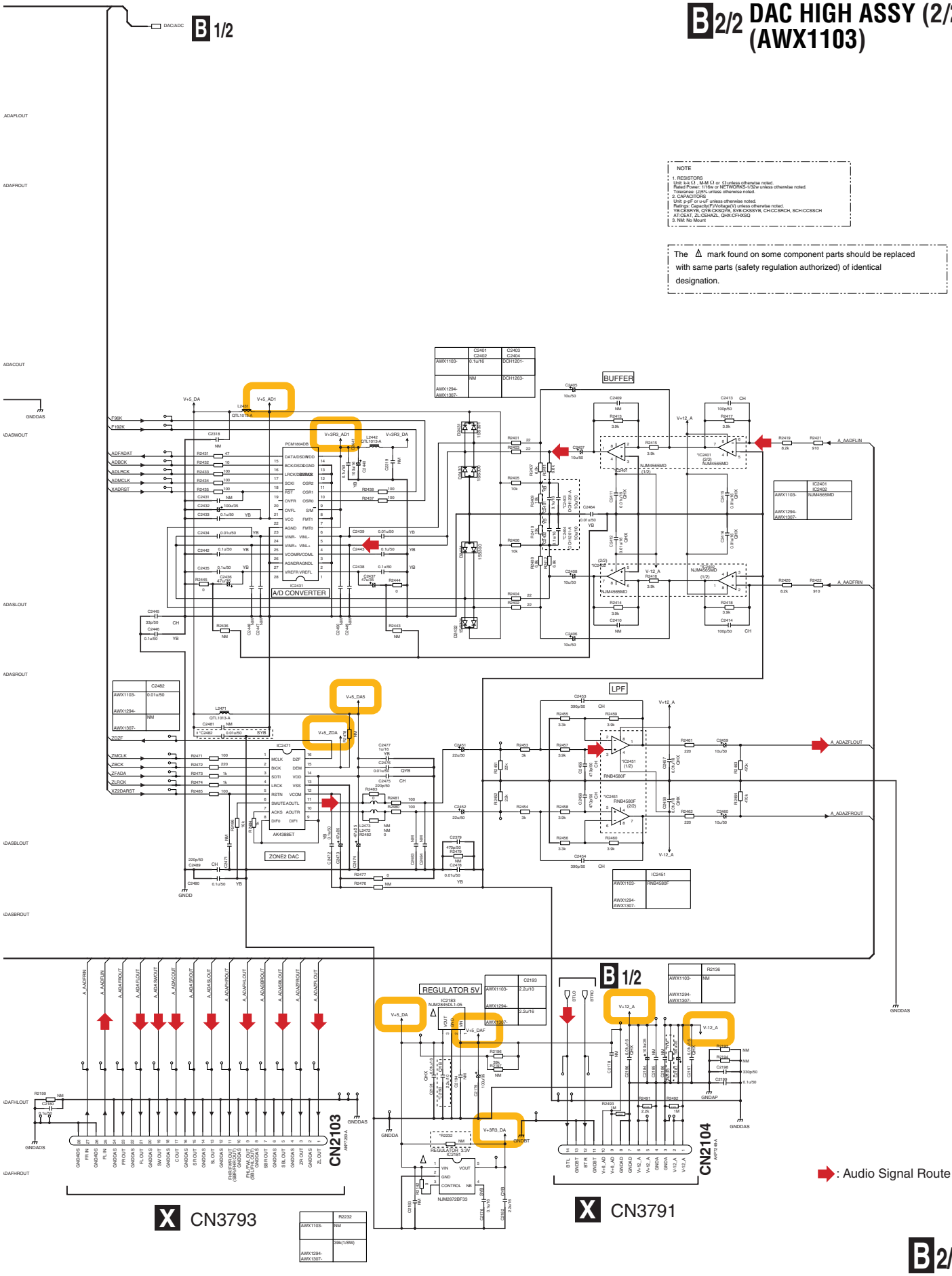
SC-65

B 1/2

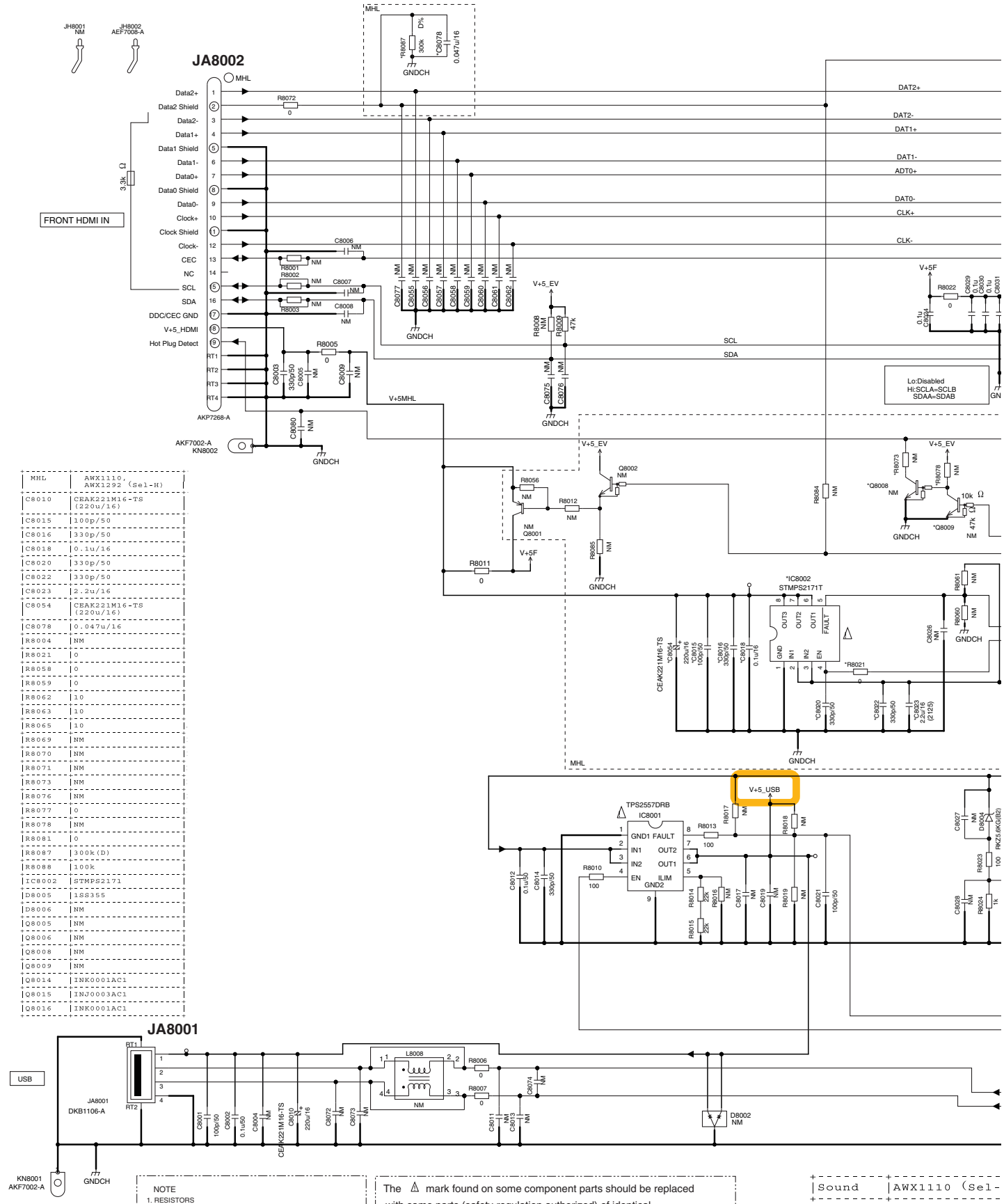
10.5 DAC HIGH ASSY (2/2)



B2/2 DAC HIGH ASSY (2/2) (AWX1103)



10.6 FRONT HDMI USB ASSY



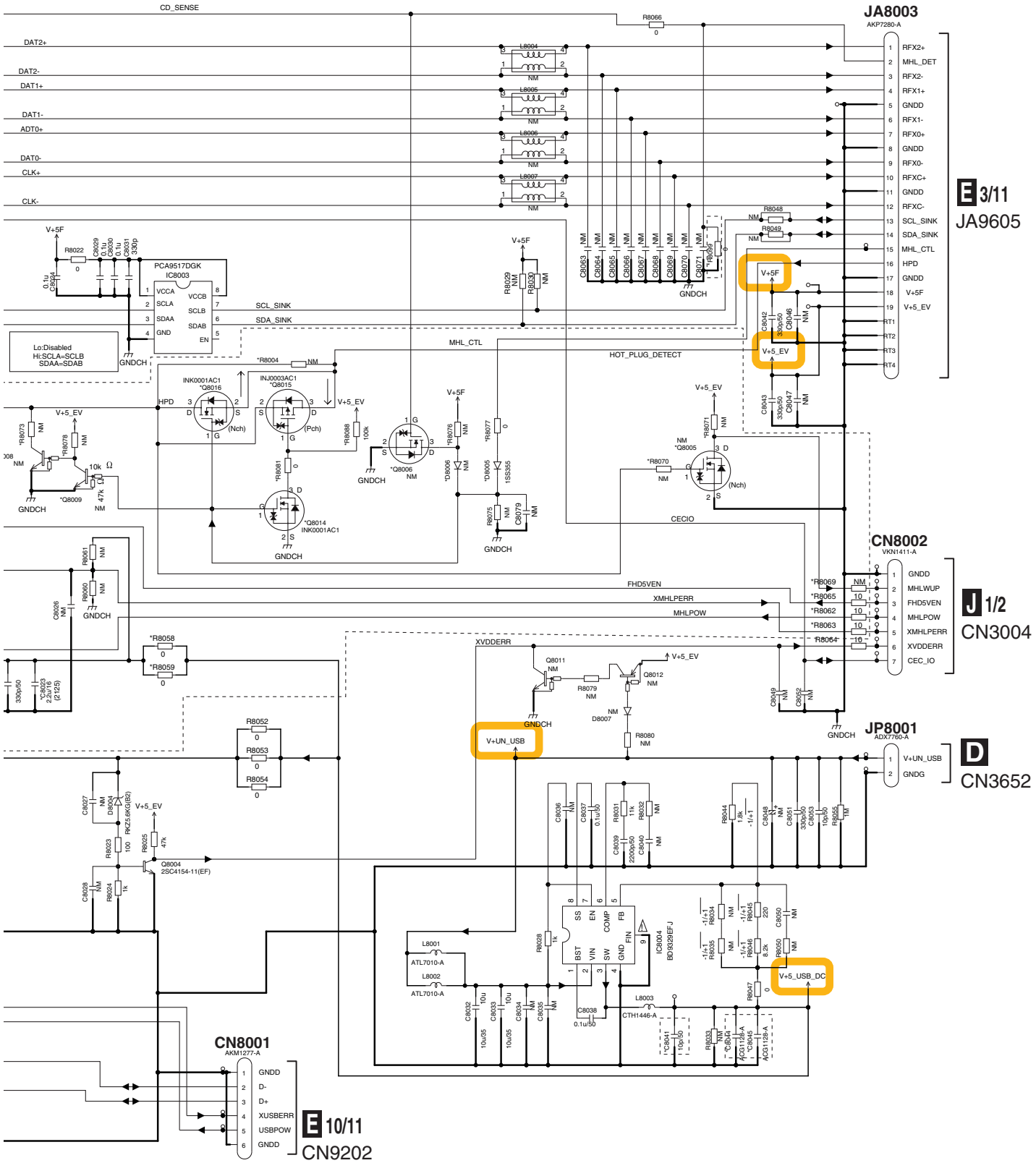
MHL	AWX1110, AWX1292 (Sel-H)
C8010	CEAK221M16-TS (220u/16)
C8015	100p/50
C8016	330p/50
C8018	0.1u/16
C8020	330p/50
C8022	330p/50
C8023	2.2u/16
C8054	CEAK221M16-TS (220u/16)
C8078	0.047u/16
R8004	NM
R8021	0
R8058	0
R8059	0
R8062	10
R8063	10
R8065	10
R8069	NM
R8070	NM
R8071	NM
R8073	NM
R8076	NM
R8077	0
R8078	NM
R8081	0
R8087	300k(D)
R8088	100k
IC8002	STMPS2171
D8005	1SS355
D8006	NM
Q8005	NM
Q8006	NM
Q8008	NM
Q8009	NM
Q8014	INK0001AC1
Q8015	INJ0003AC1
Q8016	INK0001AC1

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

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

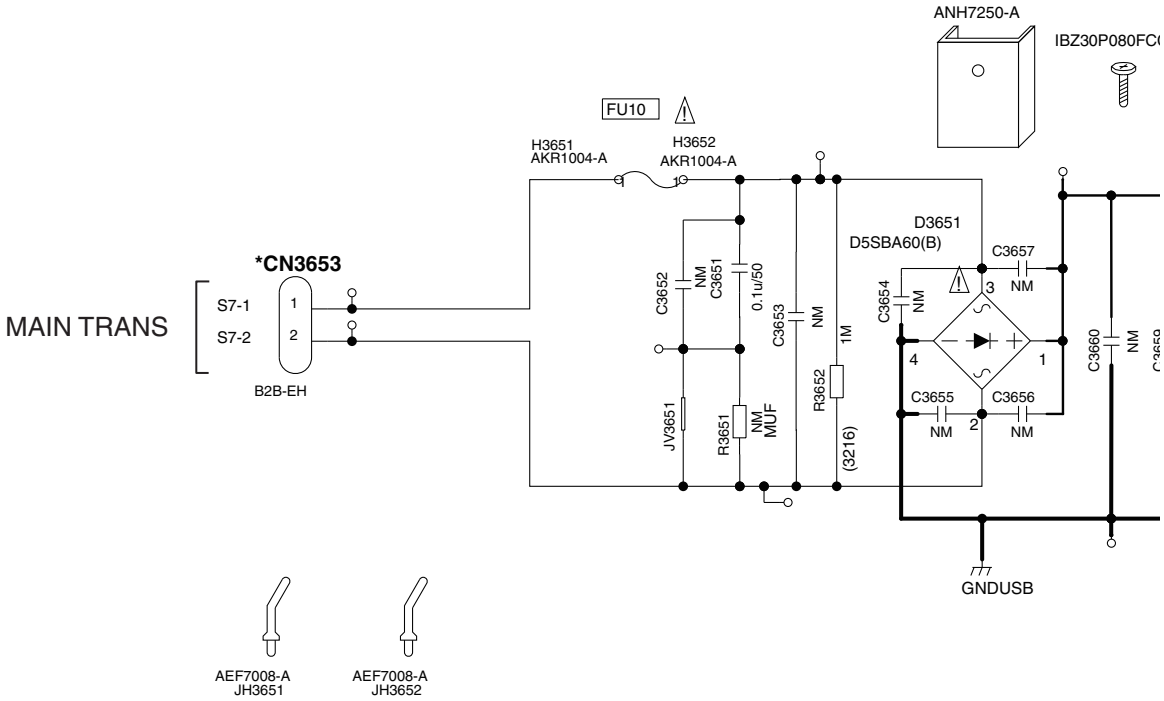
Sound	AWX1110 (Sel-
C8041	10p/50V
C8044	ACG1128-A-T(1
C8045	ACG1128-A-T(1
R8099	NC

C FRONT HDMI USB ASSY (AWX1110)



AWX1110 (Sel-H/CU)	AWX1292 (Except Sel-H/CU)
10p/50V	10p/50V
ACG1128-A-T(10u/16V)	CCG1236-A-T(10u/35V)
ACG1128-A-T(10u/16V)	CCG1236-A-T(10u/35V)
NC	NC

10.7 USB RECT ASSY



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

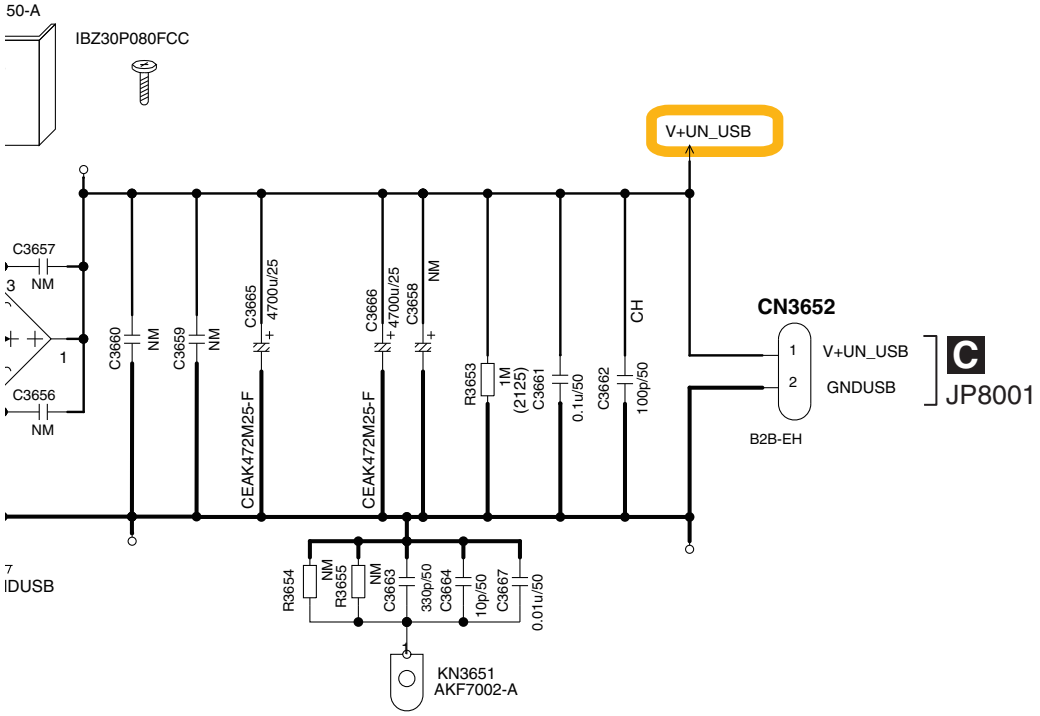
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
CH : CCSRCH
NO MARKED : CEAT or CKSRYB

3. NM : NO MOUNT

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

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

D USB RECT ASSY (AWX1166)

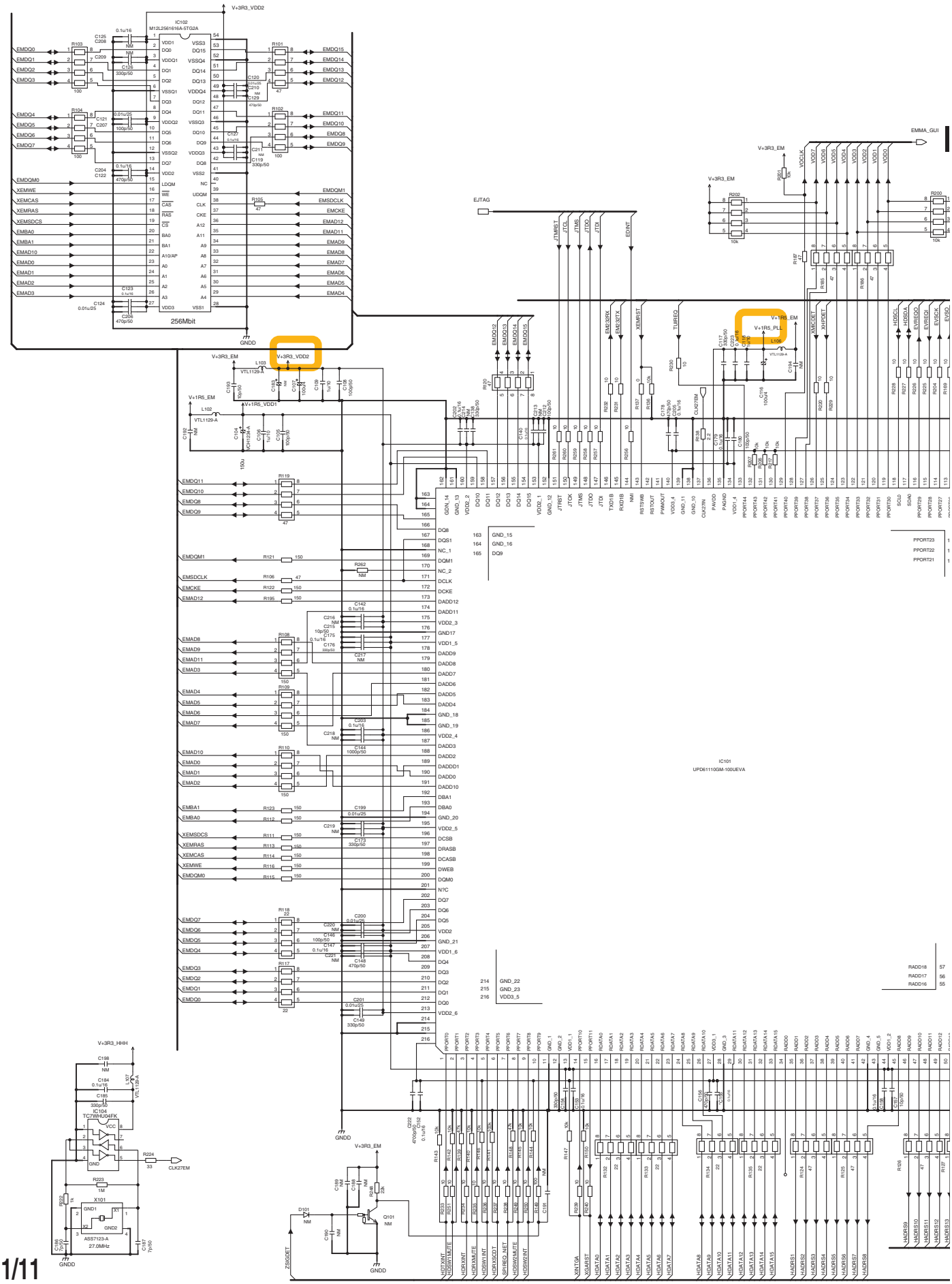


	CN3651	CN3653		
Sel-H(AW1166-)	NC	B2B-EH	ANH7250-A	IBZ30P080FCC

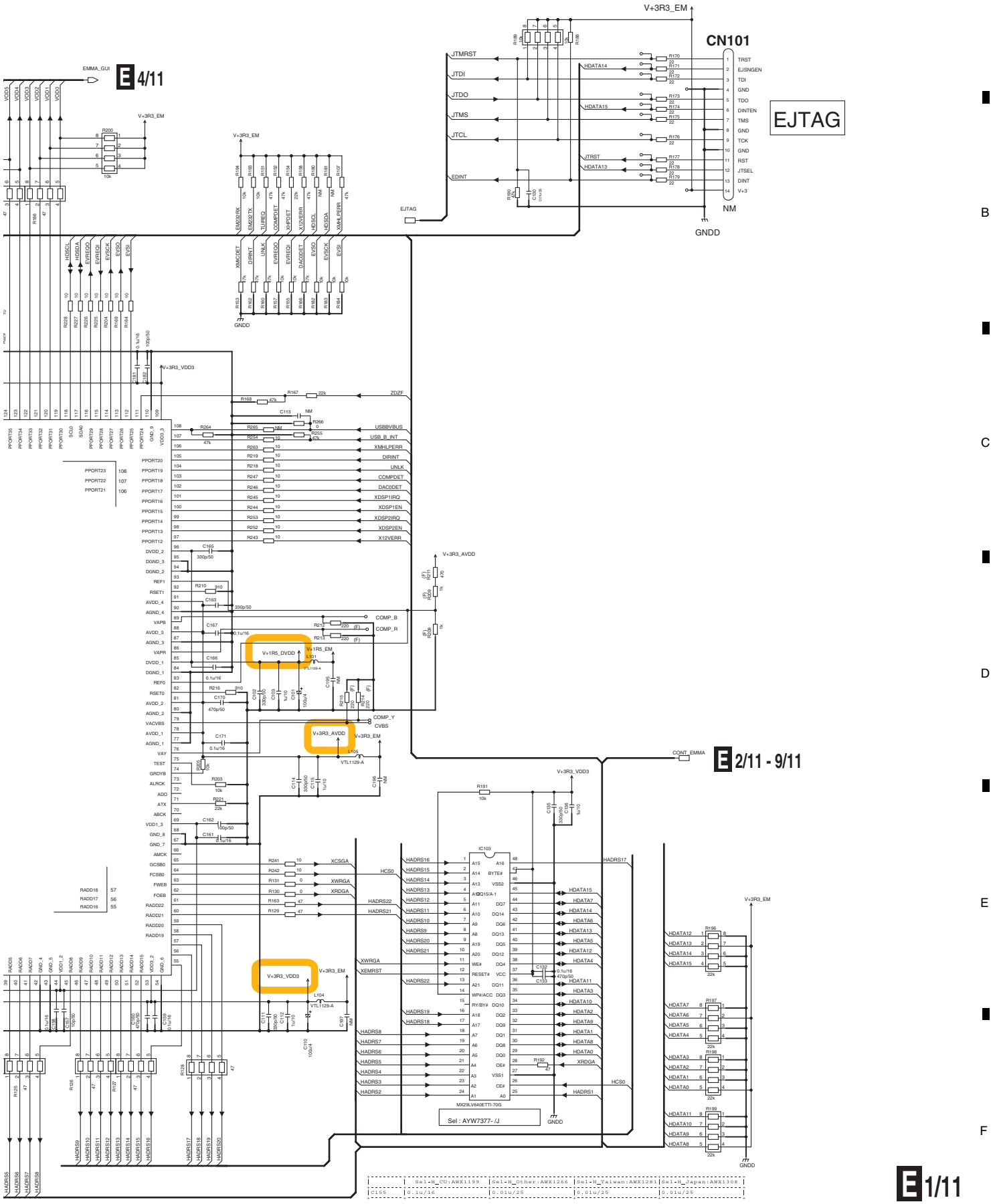
OF FIRE,

.

10.8 DIGITAL MAIN ASSY (1/11)

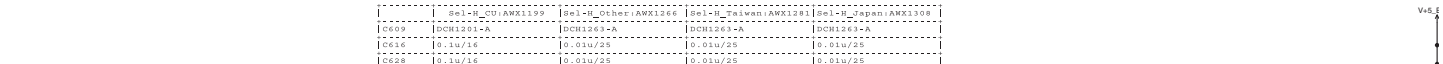


E 1/11 DIGITAL MAIN ASSY (1/11) (AWX1199)



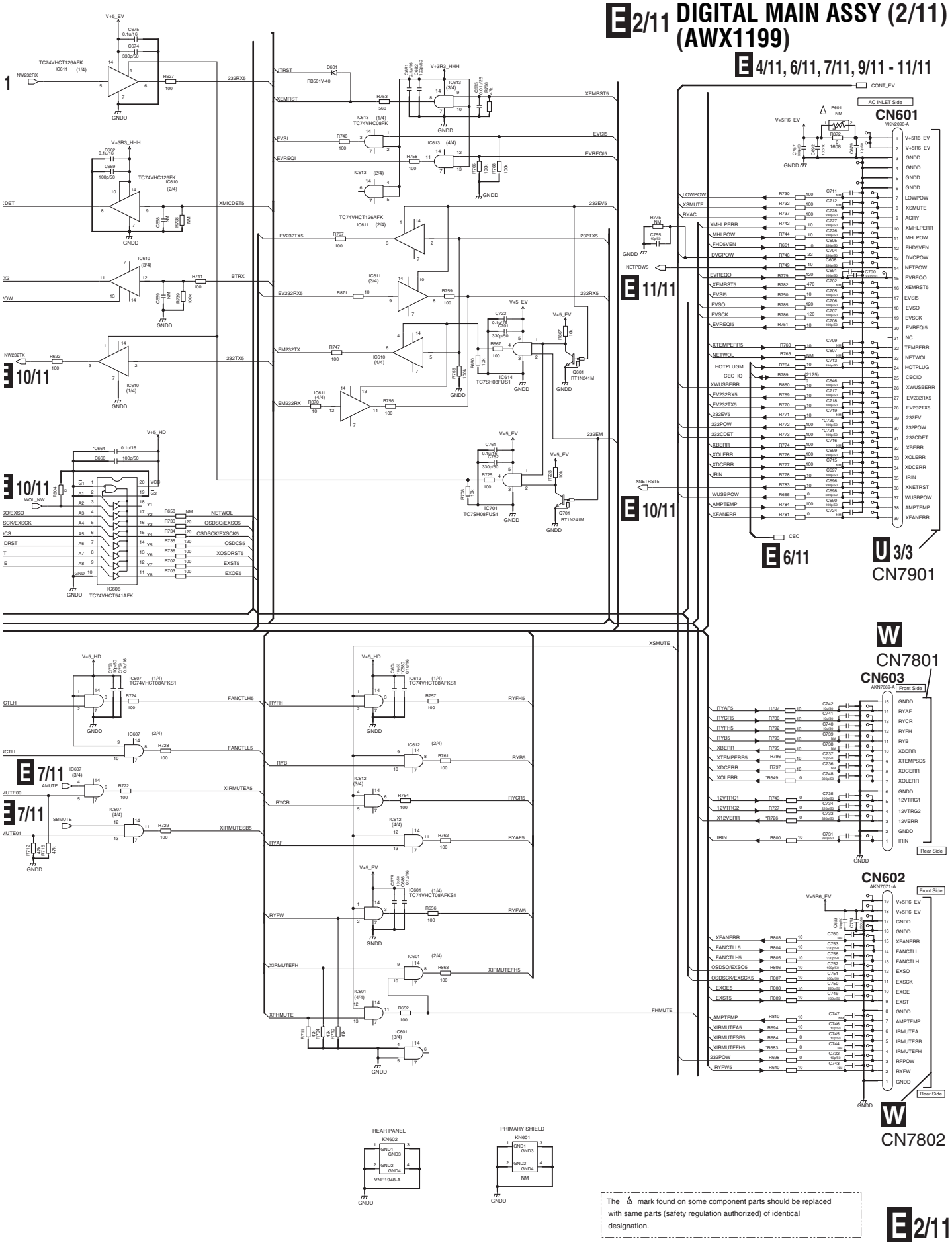
10.9 DIGITAL MAIN ASSY (2/11)

	Sel-H_CO:AWX1139	Sel-H_Other:AWX1266	Sel-H_Taiwan:AWX1281	Sel-H_Japan:AWX1308
C609	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C619	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C628	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C641	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C655	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C664	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C680	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C720	100p/50	330p/50	330p/50	330p/50
C721	100p/50	330p/50	330p/50	330p/50
R647	0	0	0	10
R681	0	10	10	10
R726	0	0	0	10

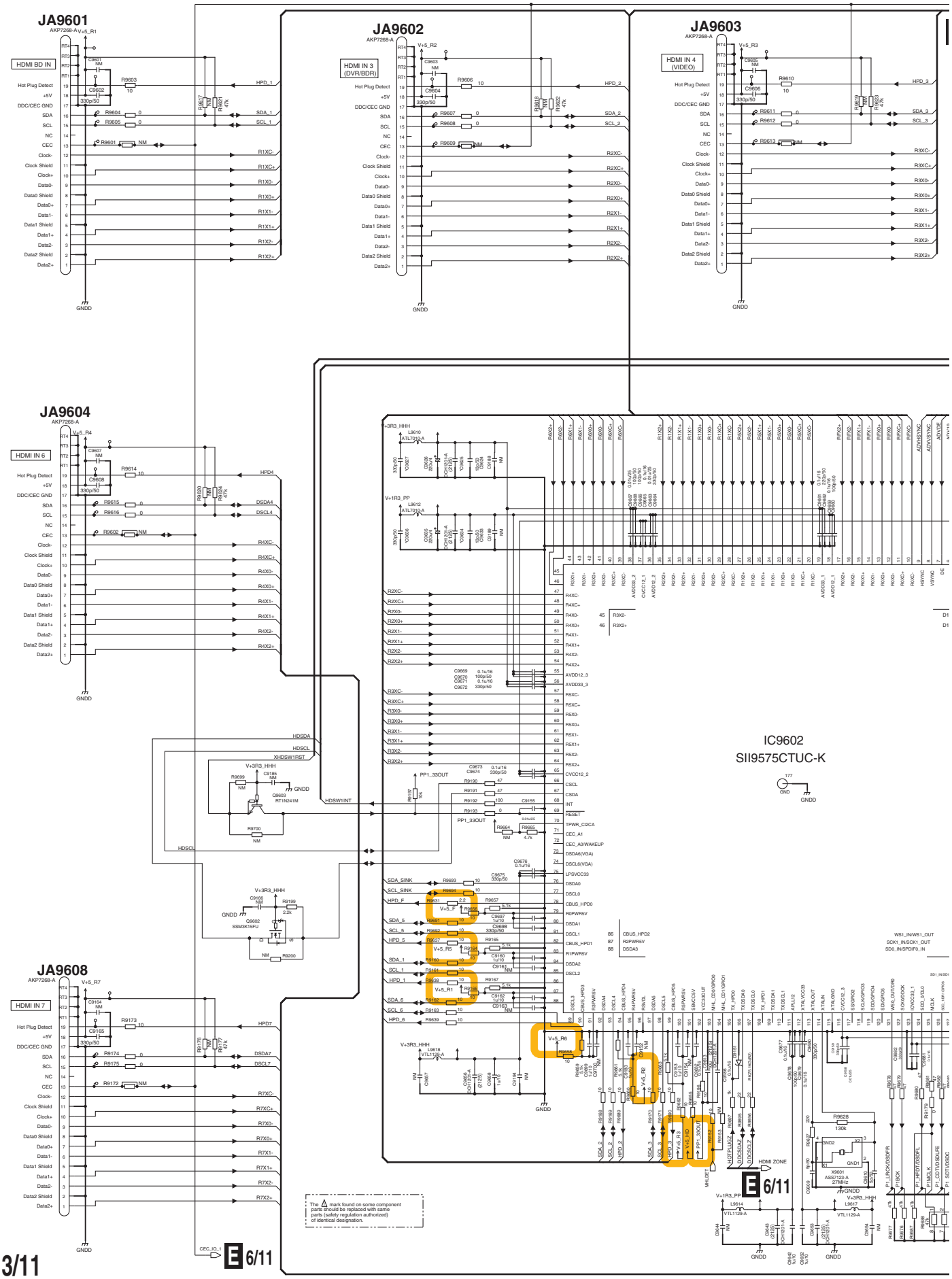


E 2/11 DIGITAL MAIN ASSY (2/11) (AWX1199)

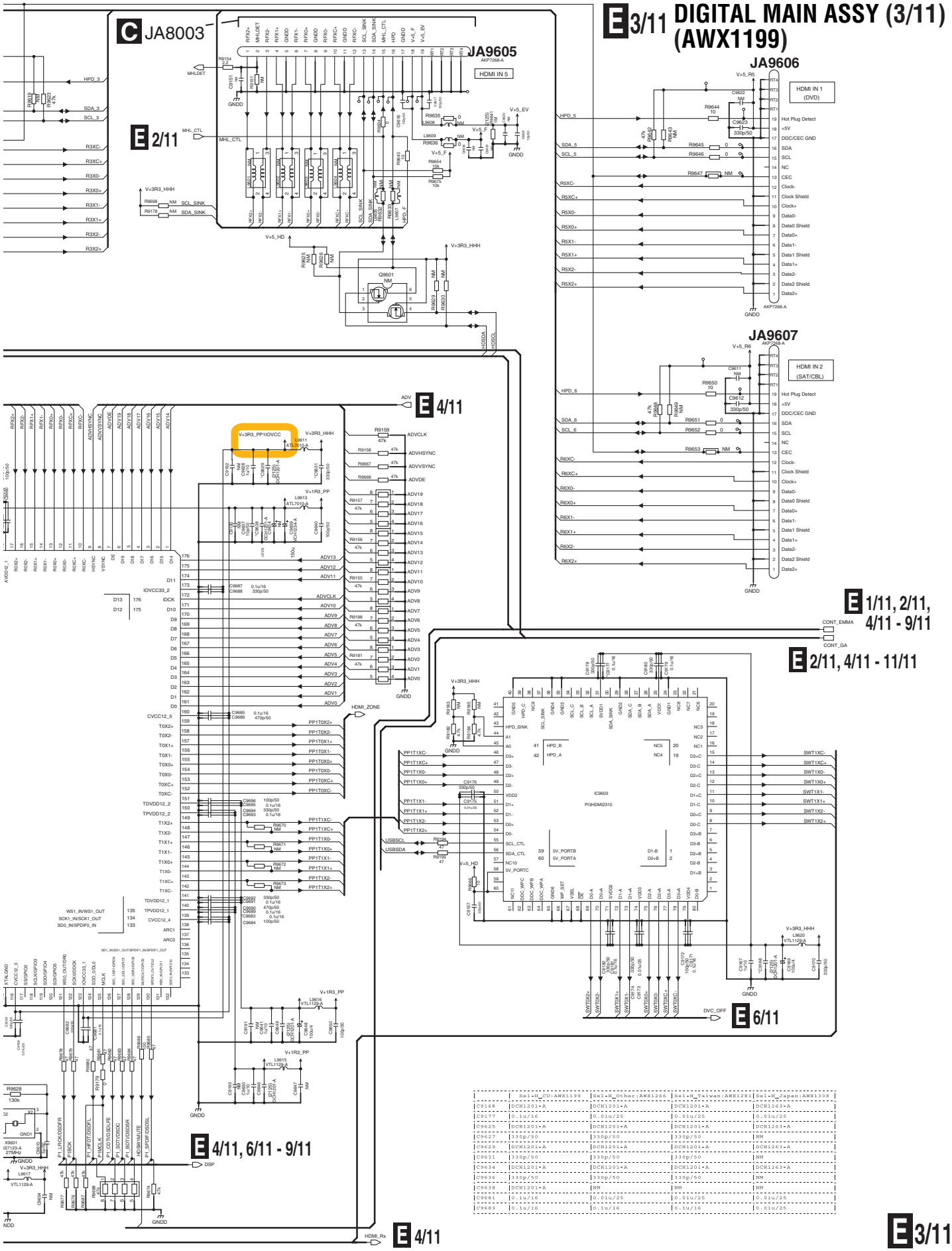
E 4/11, 6/11, 7/11, 9/11 - 11/11



10.10 DIGITAL MAIN ASSY (3/11)

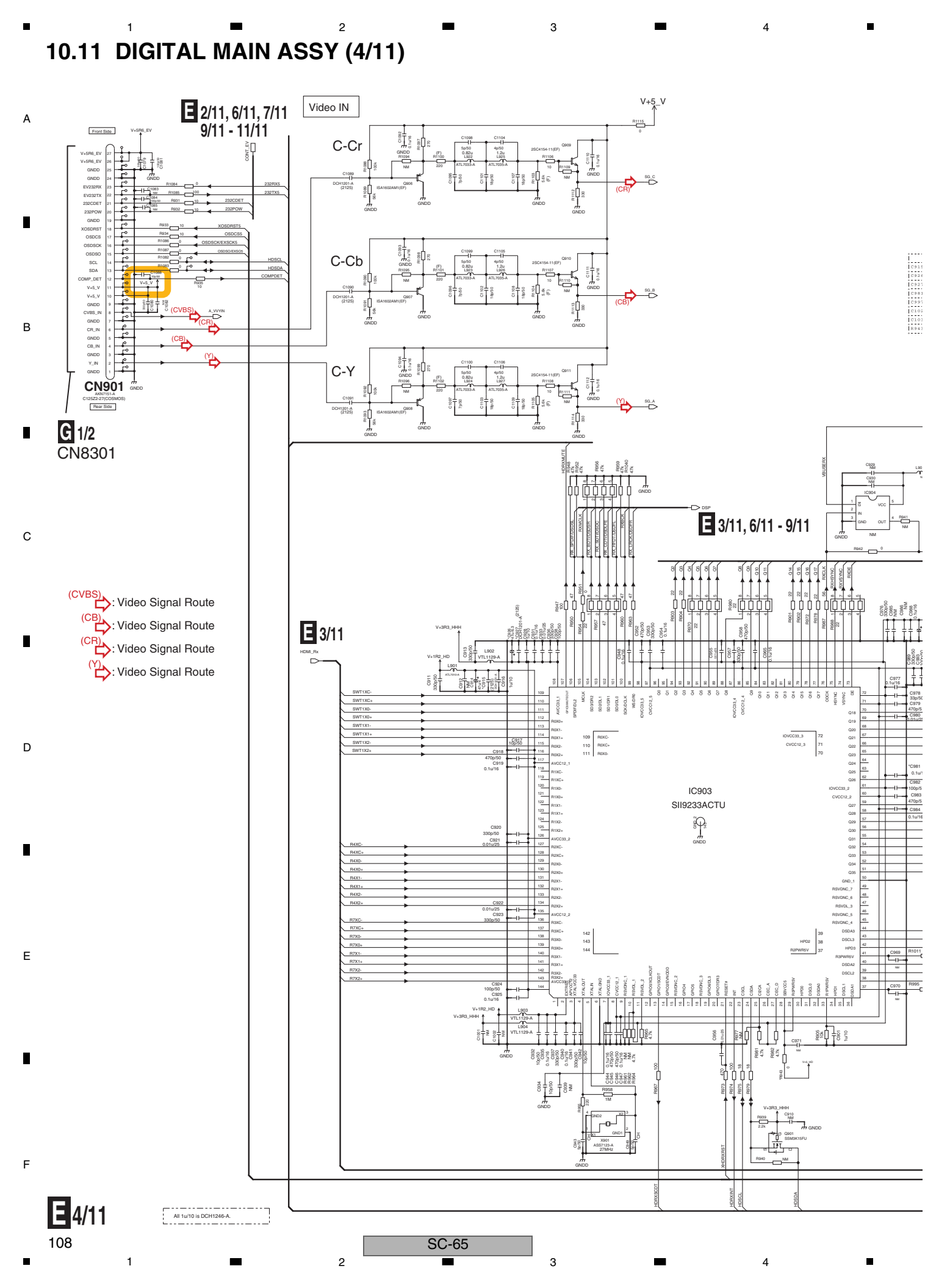


E 3/11 DIGITAL MAIN ASSY (3/11) (AWX1199)



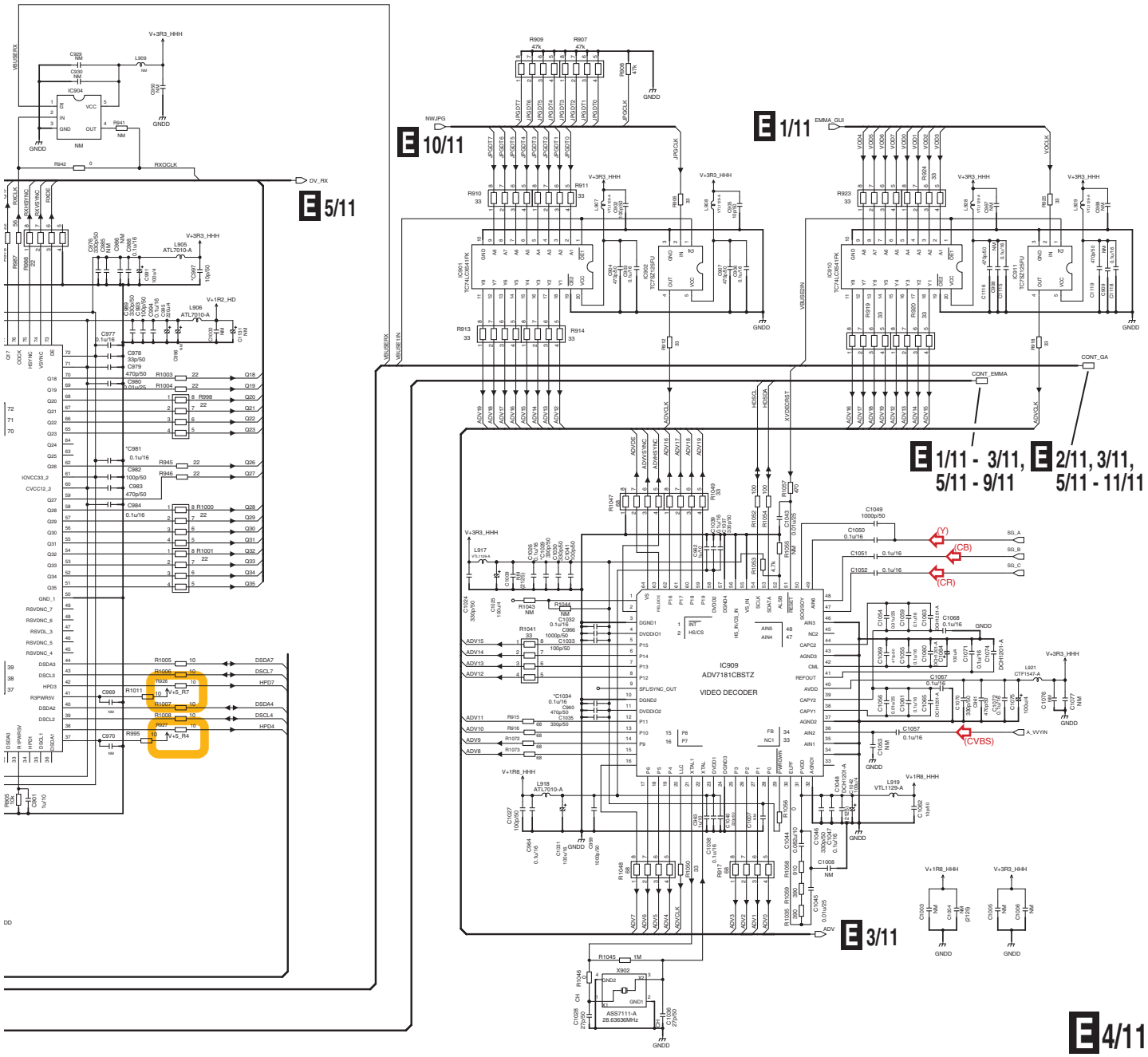
	Sel-H_CU:AWX1199	Sel-H_Other:AMX1266	Sel-H_Taiwan:AMX1283	Sel-H_Japan:AMX1308
C9168	DCH1201-A	DCH1201-A	DCH1201-A	DCH1263-A
C9177	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C9625	DCH1201-A	DCH1201-A	DCH1201-A	DCH1263-A
C9627	330p/50	330p/50	330p/50	NM
C9629	DCH1201-A	DCH1201-A	DCH1201-A	DCH1263-A
C9631	330p/50	330p/50	330p/50	NM
C9634	DCH1201-A	DCH1201-A	DCH1201-A	DCH1263-A
C9636	330p/50	330p/50	330p/50	NM
C9638	DCH1201-A	NM	NM	NM
C9681	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C9683	0.1u/16	0.1u/16	0.1u/16	0.01u/25

10.11 DIGITAL MAIN ASSY (4/11)

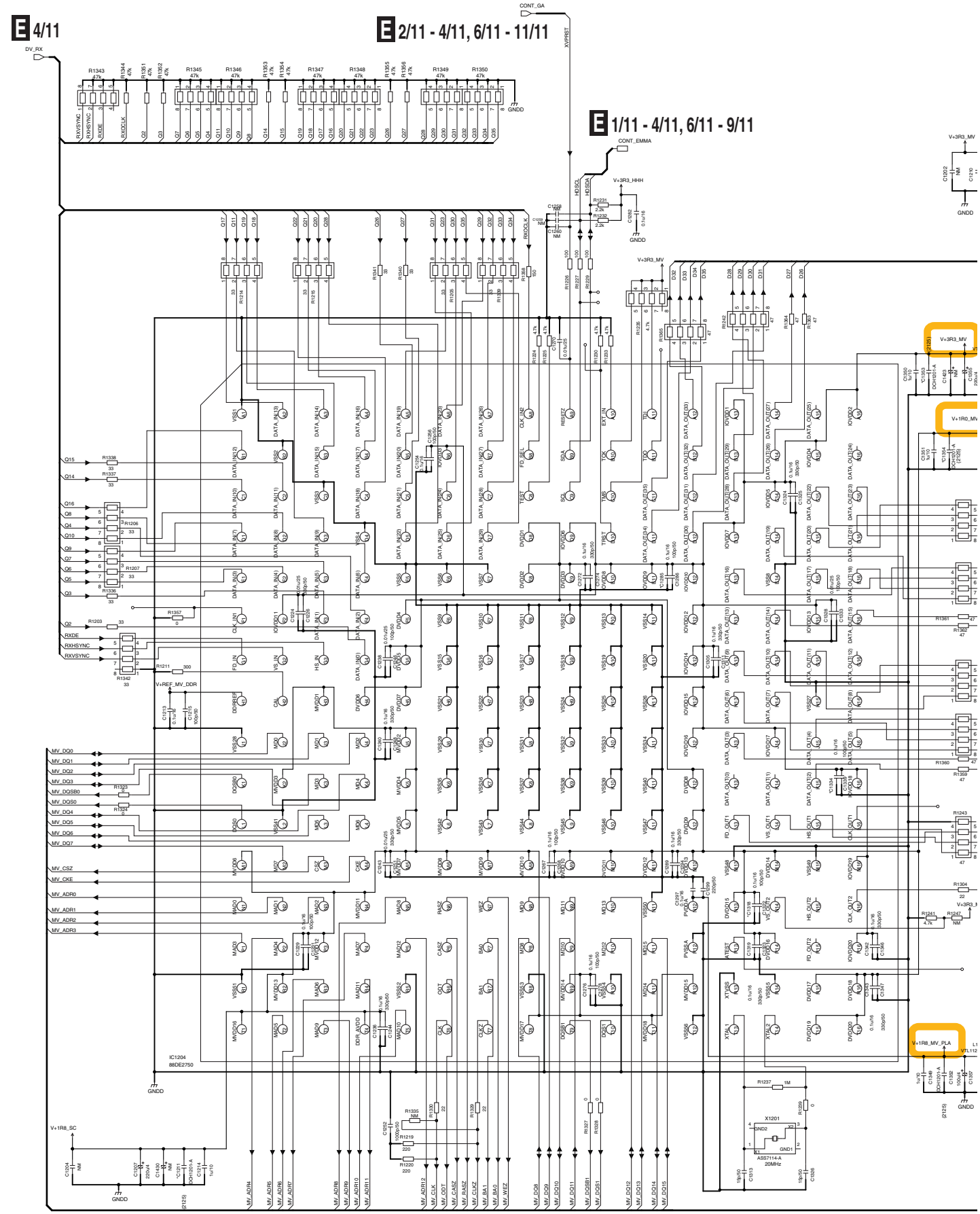


E 4/11 DIGITAL MAIN ASSY (4/11) (AWX1199)

	Sel-N_CU:AWX1199	Sel-N_Other:AWX1266	Sel-N_Taiwan:AWX1285	Sel-N_Japan:AWX1308
C915	DCH1201-A	DCH1201-A	DCH1201-A	DCH1263-A
C926	47u/6.3	100u/4	100u/4	100u/4
C927	DCH1201-A	NM	NM	NM
C981	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C997	10p/50	NM	NM	NM
C1029	330p/50	0.01u/25	0.01u/25	0.01u/25
C1034	0.1u/16	0.01u/25	0.01u/25	0.01u/25
R943	0	10	10	10

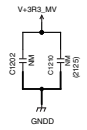


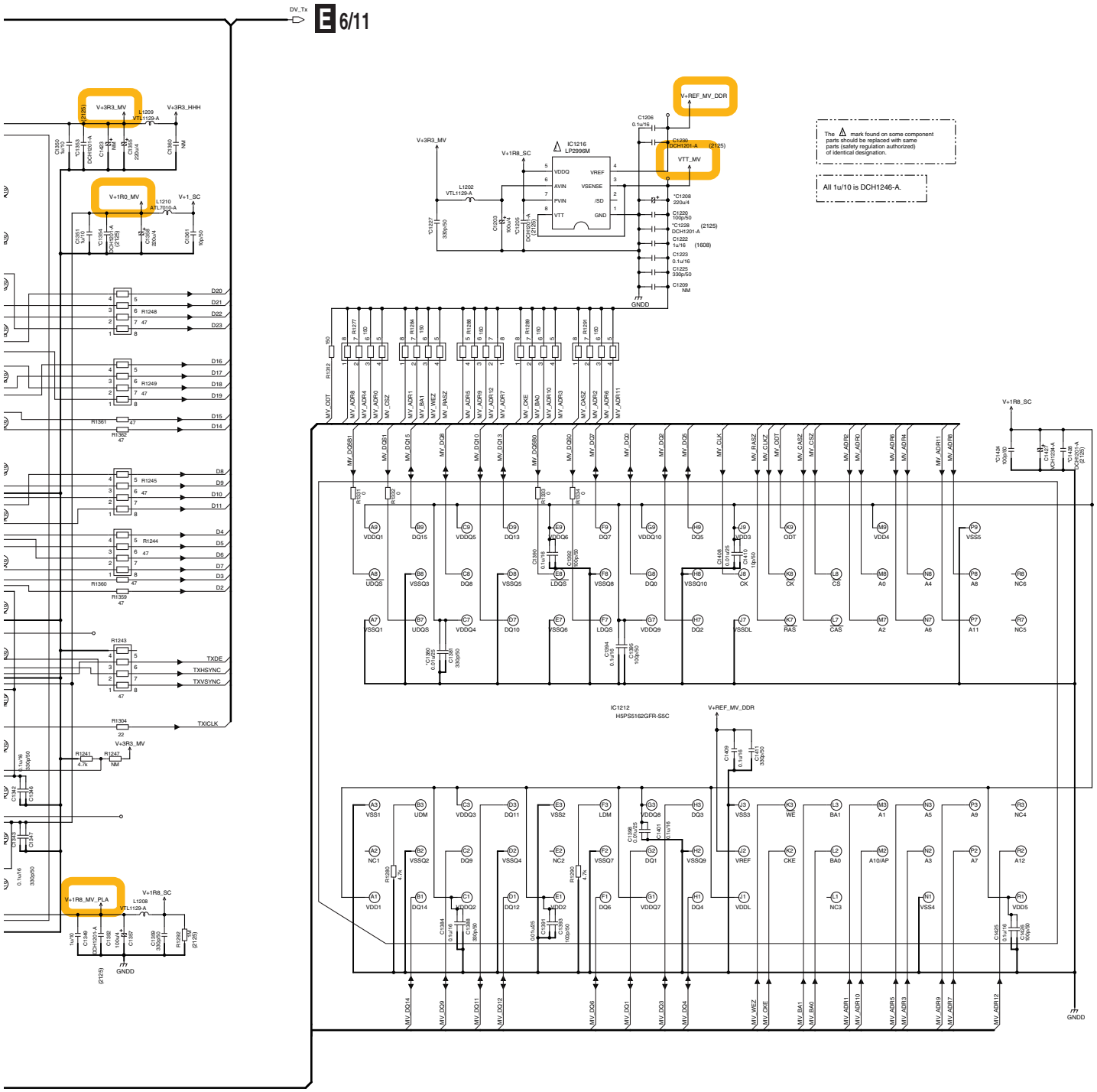
10.12 DIGITAL MAIN ASSY (5/11)



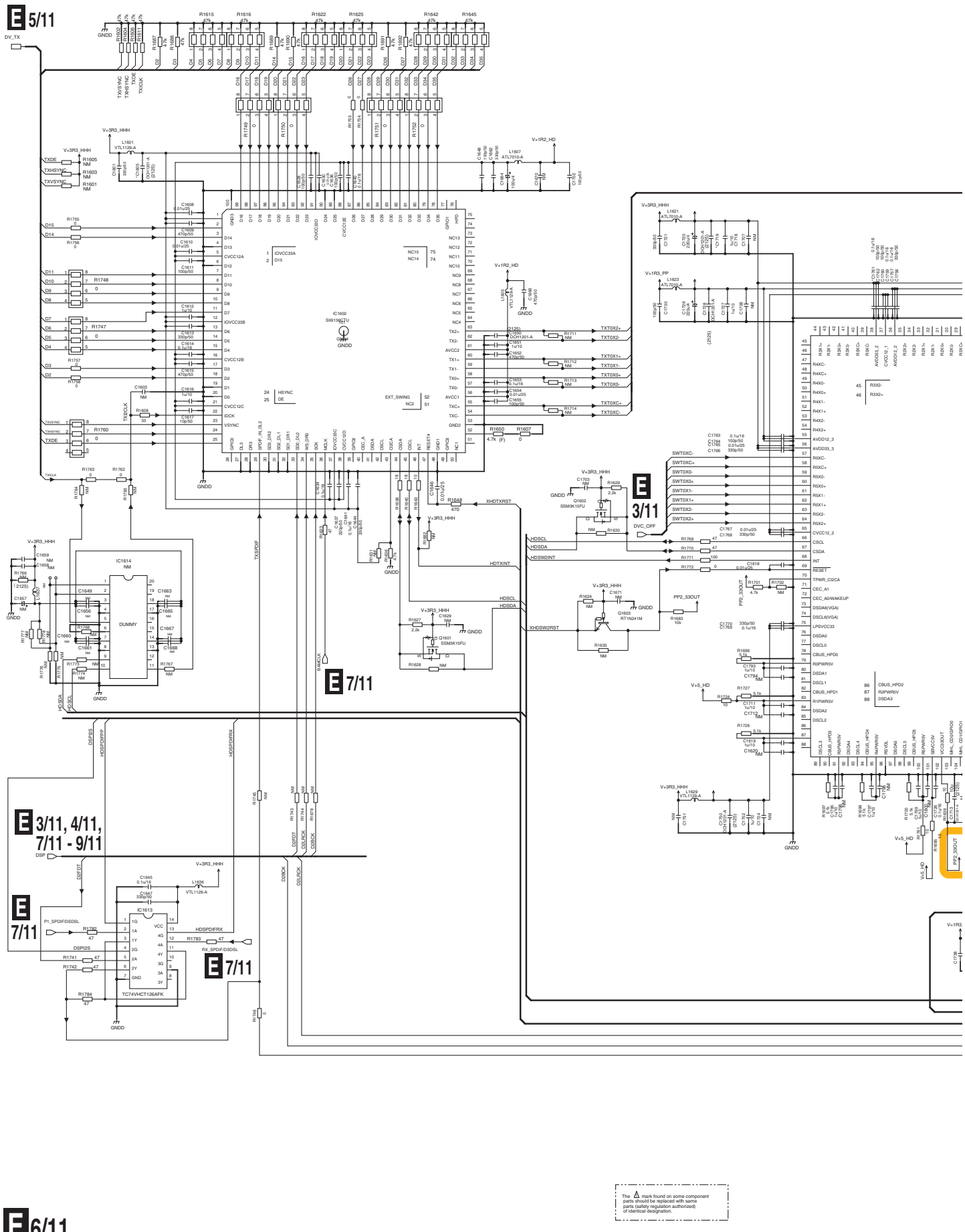
E 5/11 DIGITAL MAIN ASSY (5/11) (AWX1199)

	Sel-N_CU:AWX1199	Sel-N_Other:AWX1266	Sel-N_Taiwan:AWX1281	Sel-N_Japan:AWX1308
C1205	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C1208	220u/4	VCH1234-A	VCH1234-A	VCH1234-A
C1211	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C1227	330p/50	470p/50	470p/50	470p/50
C1228	DCH1201-A	NM	NM	NM
C1285	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C1318	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C1334	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C1353	DCH1201-A	NM	NM	NM
C1354	DCH1201-A	NM	NM	NM
C1380	0.01u/25	0.1u/16	0.1u/16	0.1u/16
C1424	100p/50	330p/50	330p/50	330p/50
C1428	DCH1201-A	NM	NM	NM





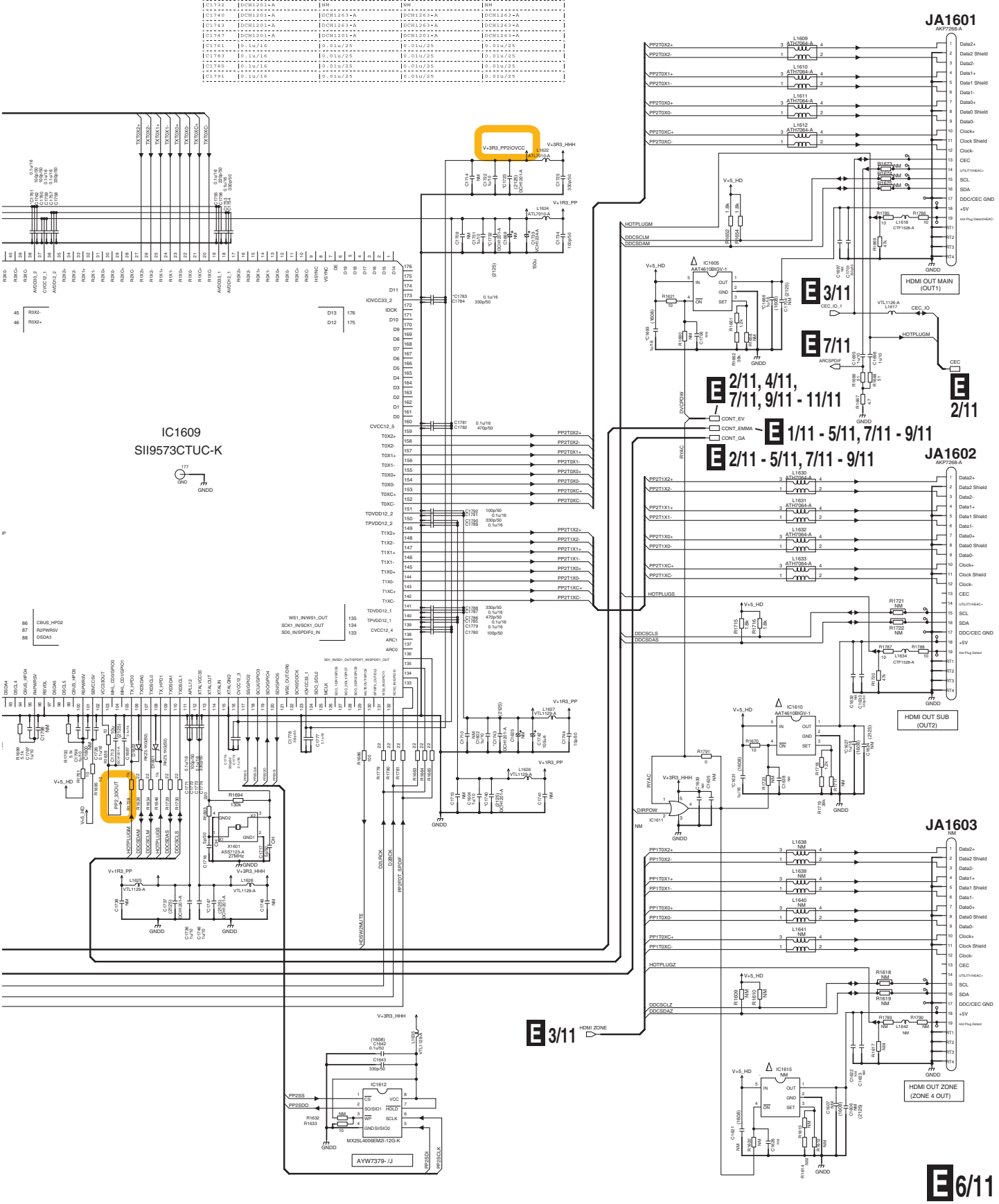
10.13 DIGITAL MAIN ASSY (6/11)



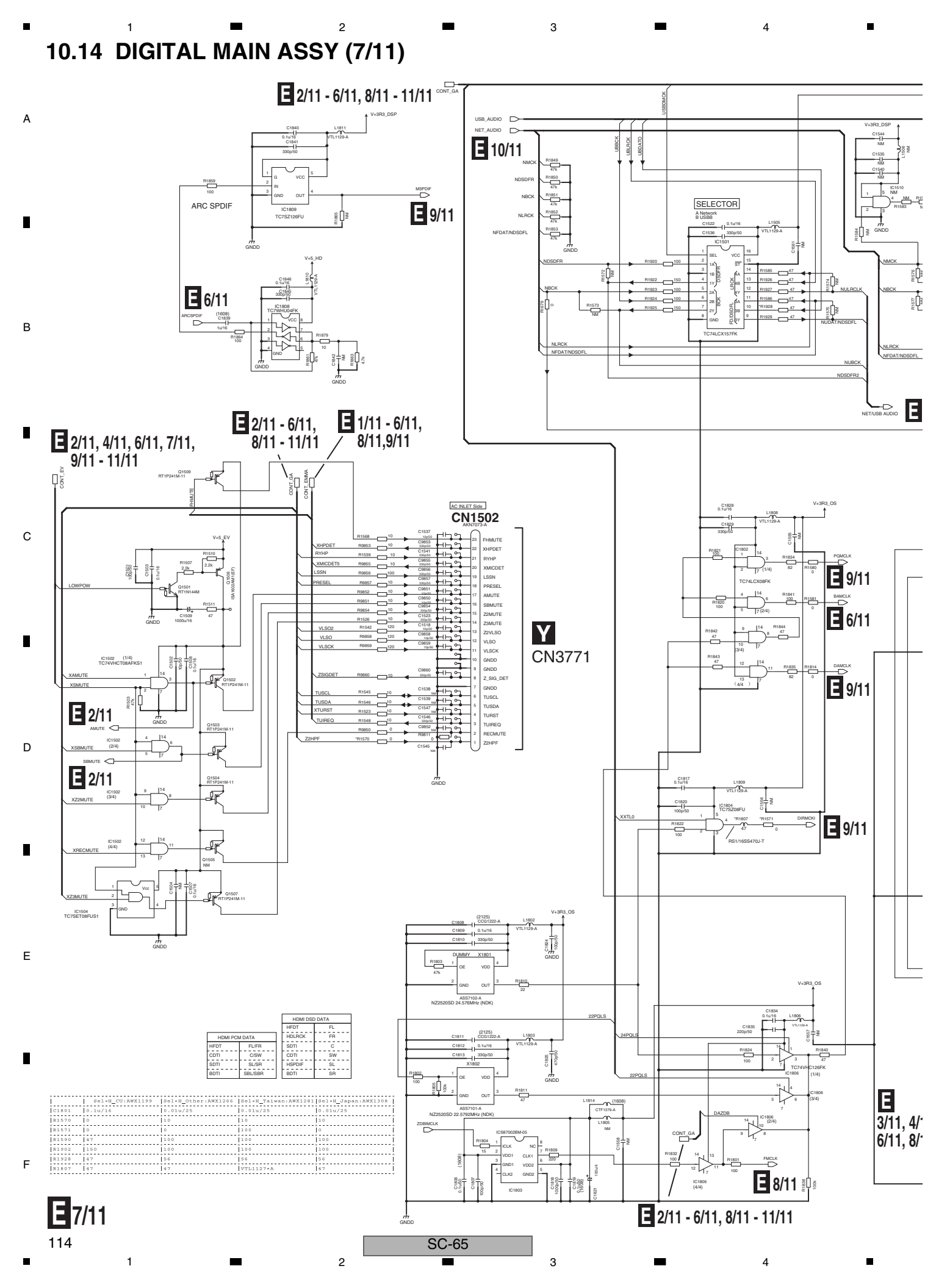
The △ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

E 6/11 DIGITAL MAIN ASSY (6/11) (AWX1199)

	Sel-H_CO:AWX1199	Sel-H_Other:AWX1266	Sel-H_Taiwan:AWX1281	Sel-H_Japan:AWX1308
C1605	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C1627	1u/16	0.01u/50	0.01u/50	0.01u/50
C1631	1u/16	0.01u/50	0.01u/50	0.01u/50
C1650	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C1686	1u/16	0.01u/50	0.01u/50	0.01u/50
C1693	1u/16	0.01u/50	0.01u/50	0.01u/50
C1719	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C1723	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C1732	DCH1201-A	NM	NM	NM
C1740	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C1743	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C1747	DCH1201-A	DCH1201-A	DCH1201-A	DCH1263-A
C1761	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C1783	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C1785	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C1791	0.01u/16	0.01u/25	0.01u/25	0.01u/25



10.14 DIGITAL MAIN ASSY (7/11)

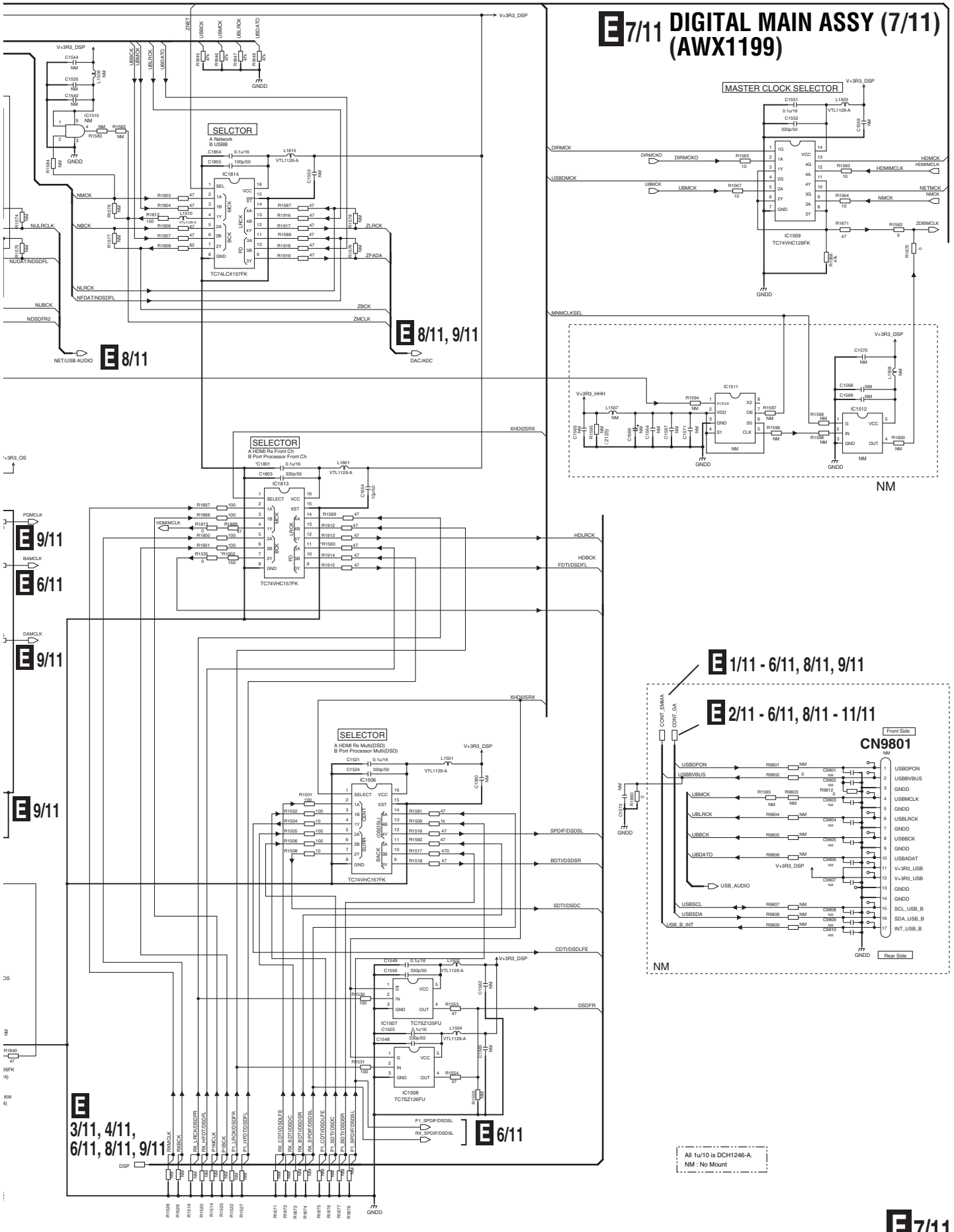


	Sel-N_CU AMX1199	Sel-N_Other AMX1268	Sel-N_Taiwan AMX1281	Sel-N_Japan AMX1308
C1801	0.1u/16	0.01u/25	0.01u/25	0.01u/25
R1570	0	10	10	10
R1571	0	0	100	0
R1590	47	100	100	100
R1902	150	100	100	100
R1928	47	56	56	56
R1807	47	47	VTL1137-A	47

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

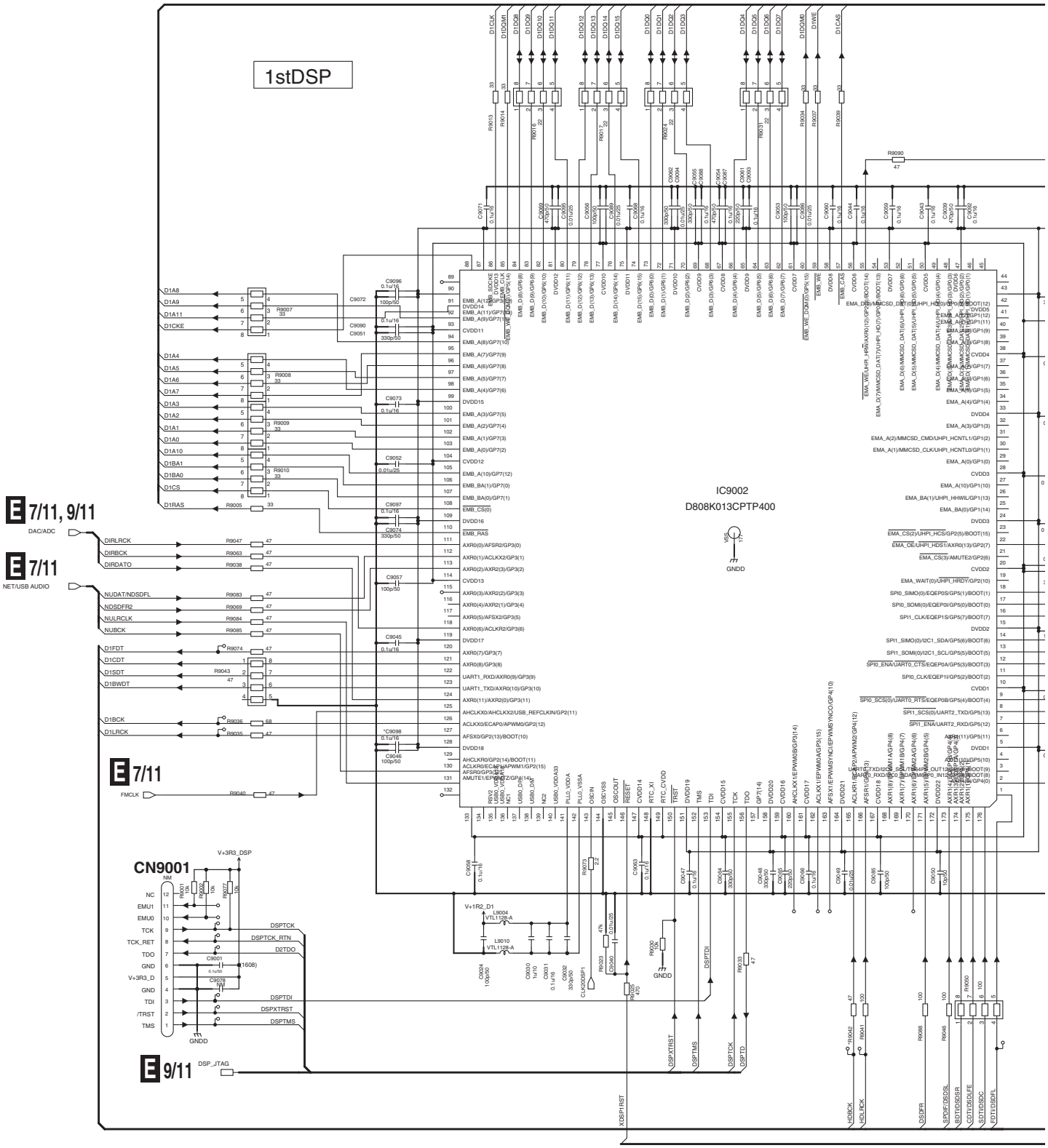
HDMI DSD DATA	
HFDT	FL
HDLRCK	FR
SDTI	C
CDTI	SW
HSPDIF	SL
BDTI	SR

E 7/11 DIGITAL MAIN ASSY (7/11) (AWX1199)

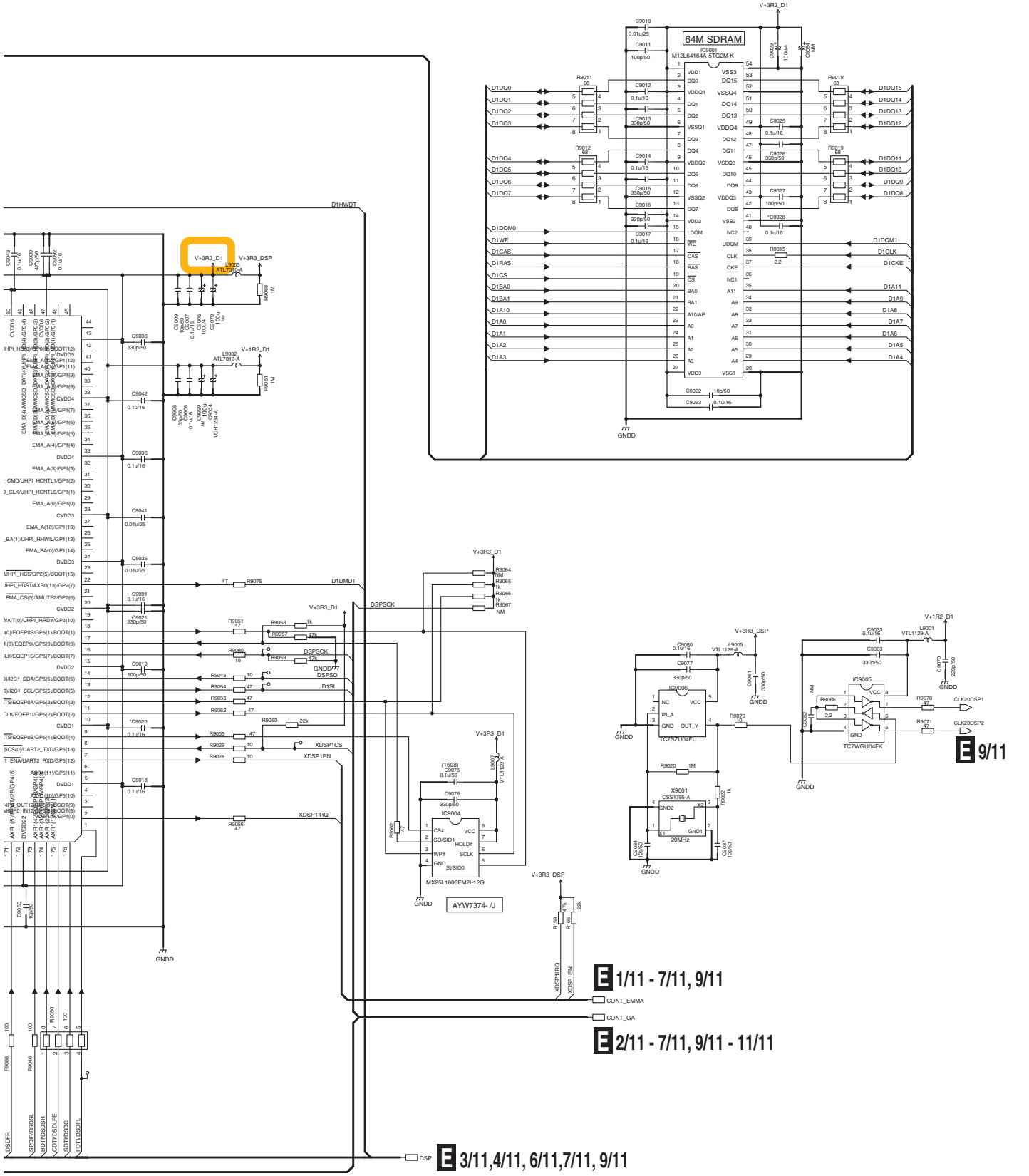


10.15 DIGITAL MAIN ASSY (8/11)

	Sel-H_CU:AWX1399	Sel-H_Other:AWX1266	Sel-H_Taiwan:AWX1281	Sel-H_Japan:AWX1308
C9020	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C9028	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C9098	0.1u/16	0.01u/25	0.01u/25	0.01u/25
R9042	47	100	100	100



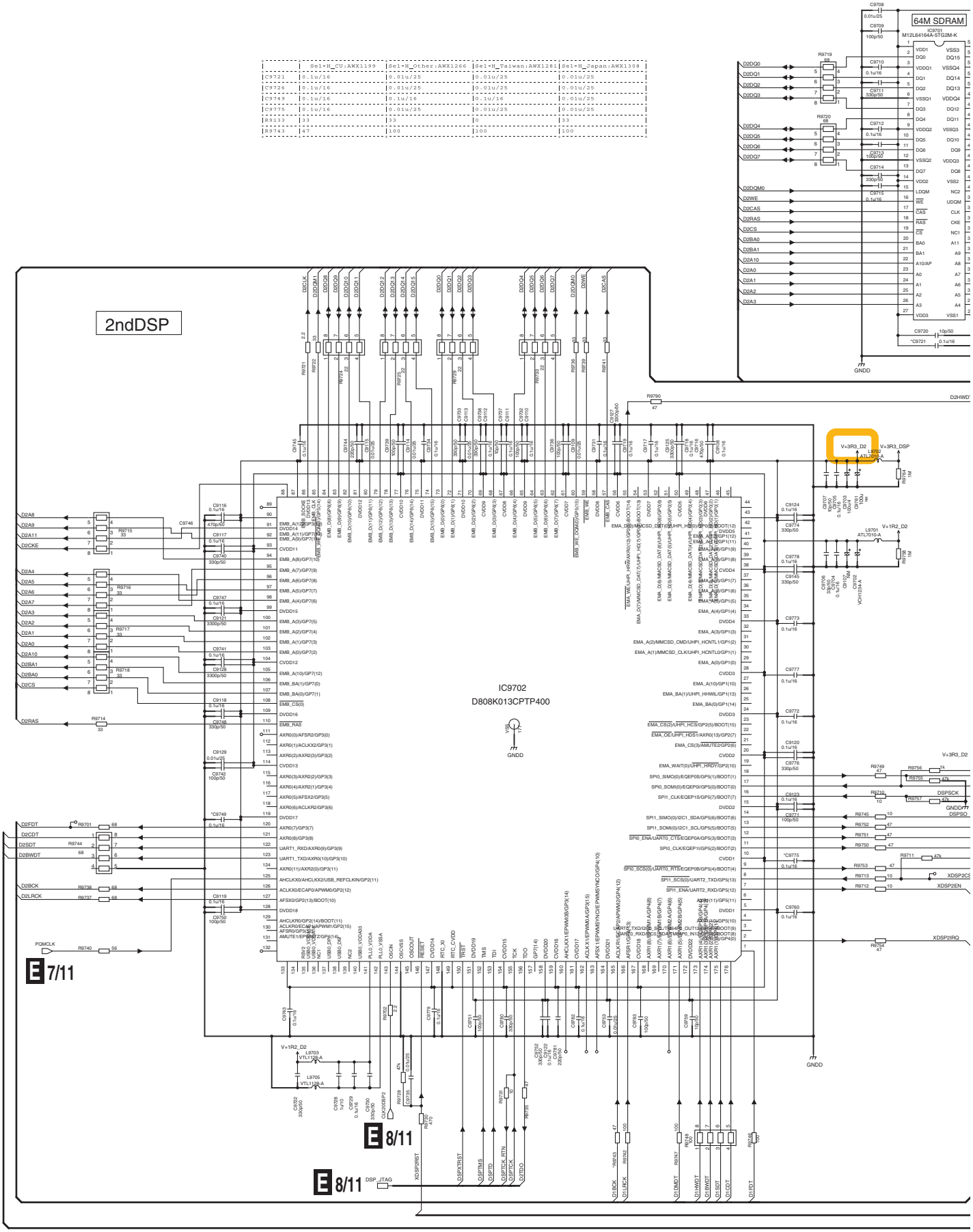
E 8/11 DIGITAL MAIN ASSY (8/11) (AWX1199)



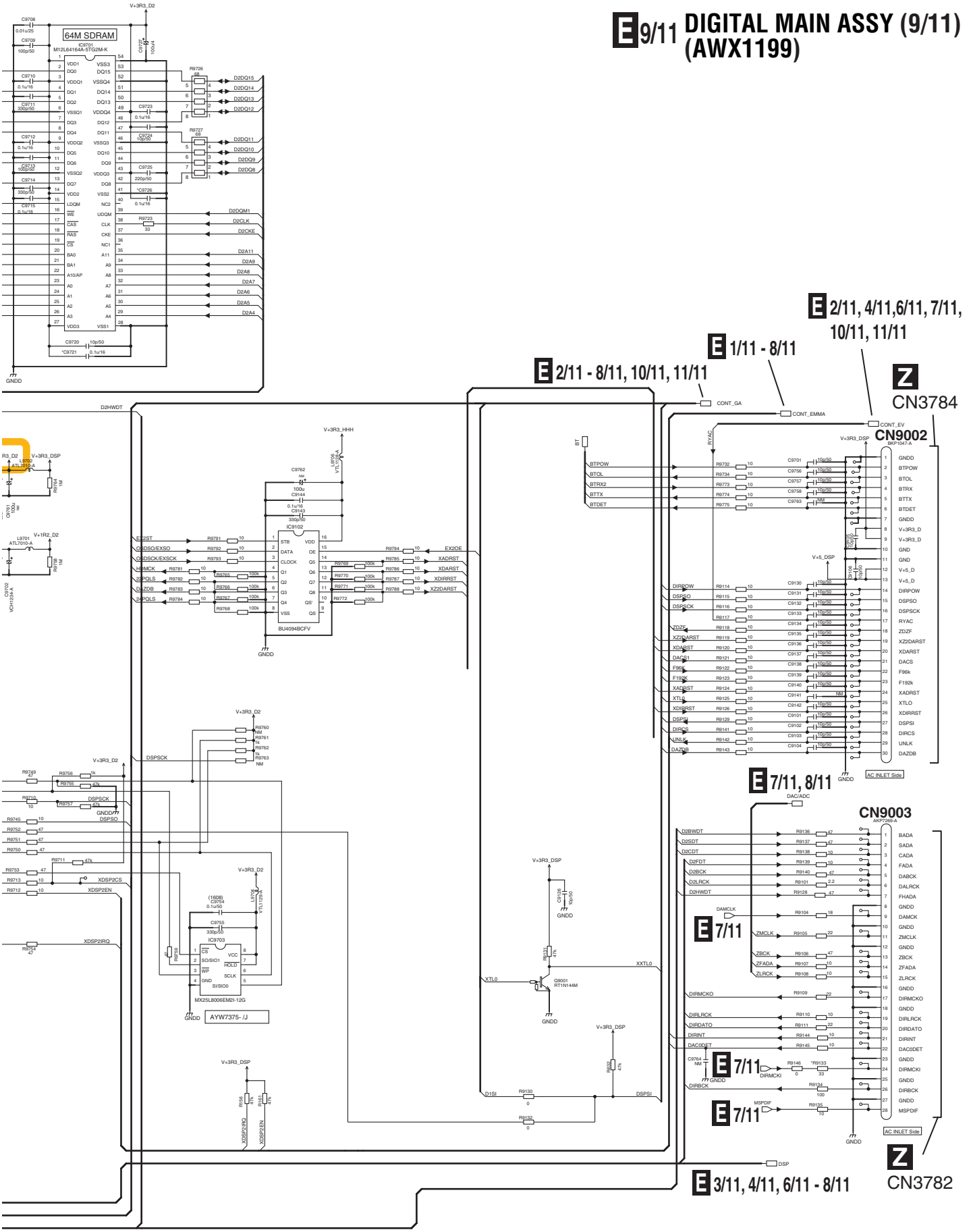
E 8/11

10.16 DIGITAL MAIN ASSY (9/11)

	Sel-H_CU-AW1199	Sel-H_Other:AW1266	Sel-H_Taiwan-AW1281	Sel-H_Japan:AW1308
C9721	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C9726	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C9749	0.1u/16	0.1u/16	0.1u/16	0.01u/25
C9775	0.1u/16	0.01u/25	0.01u/25	0.01u/25
R9133	33	33	0	33
R9743	47	100	100	100



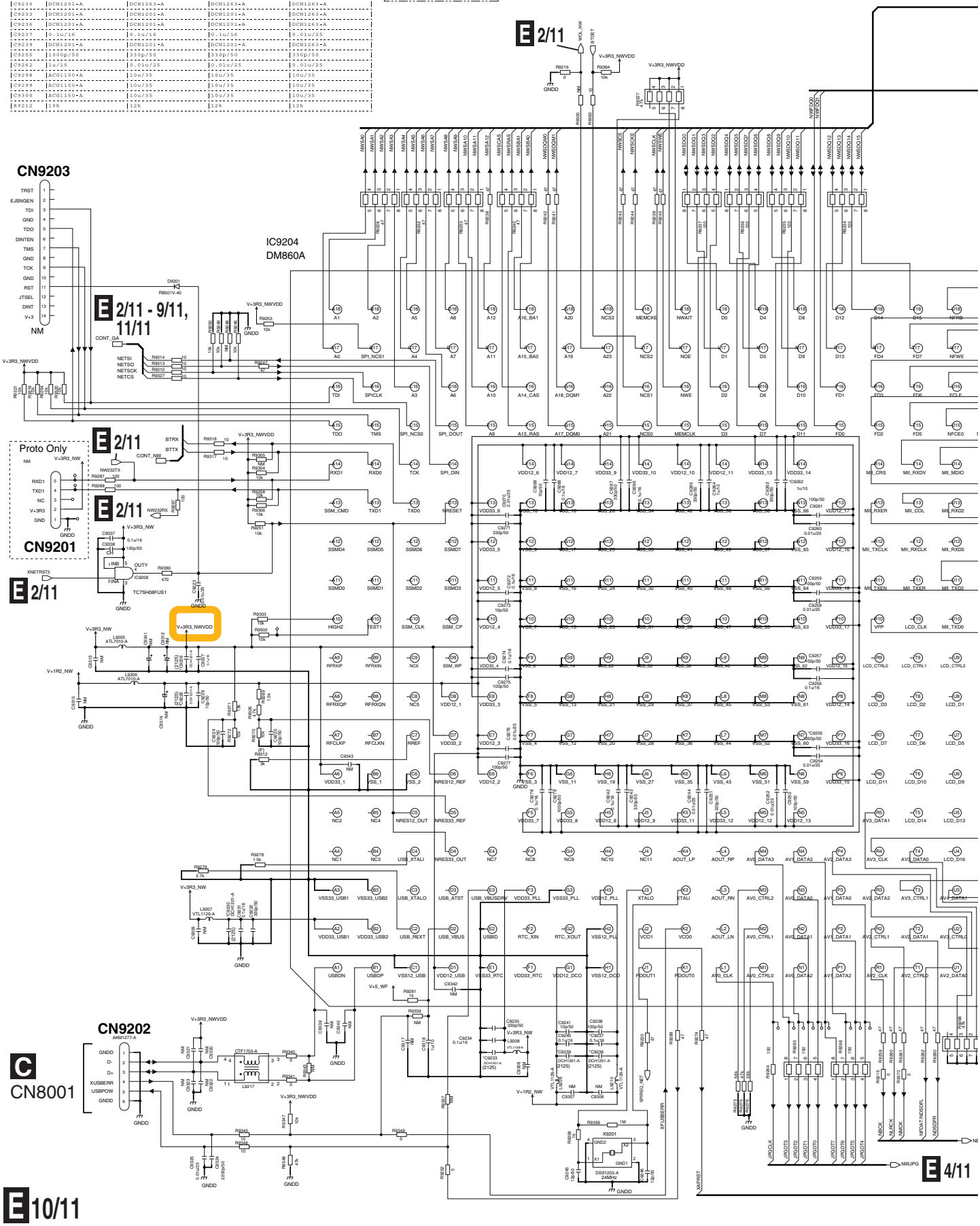
E 9/11 DIGITAL MAIN ASSY (9/11) (AWX1199)



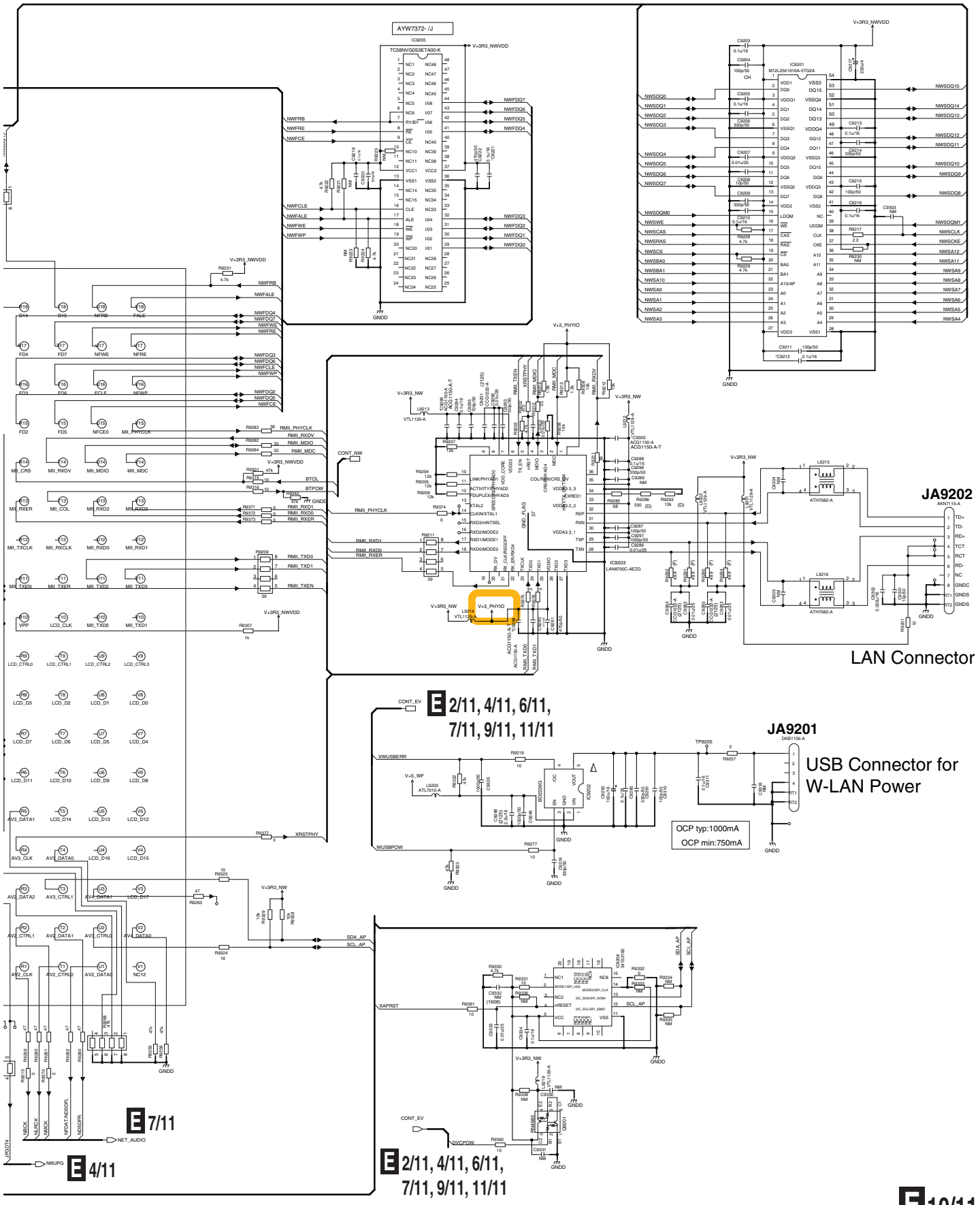
10.17 DIGITAL MAIN ASSY (10/11)

	Sel-H_CU:AWX1199	Sel-H_Other:AWX1266	Sel-N_Taiwan:AWX1281	Sel-H_Japan:AWX1308
C9212	0.1u/16	0.01u/25	0.01u/25	0.01u/25
C9221	0.1u/16	0.1u/16	0.1u/16	0.01u/25
C9226	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C9228	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C9230	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C9233	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C9236	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C9237	0.1u/16	0.1u/16	0.1u/16	0.01u/25
C9238	DCH1201-A	DCH1263-A	DCH1263-A	DCH1263-A
C9255	1000p/50	330p/50	330p/50	330p/50
C9263	1u/10	0.01u/25	0.01u/25	0.01u/25
C9298	ACG1150-A	10u/35	10u/35	10u/35
C9299	ACG1150-A	10u/35	10u/35	10u/35
C9300	ACG1150-A	10u/35	10u/35	10u/35
R9212	19k	12k	12k	12k

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

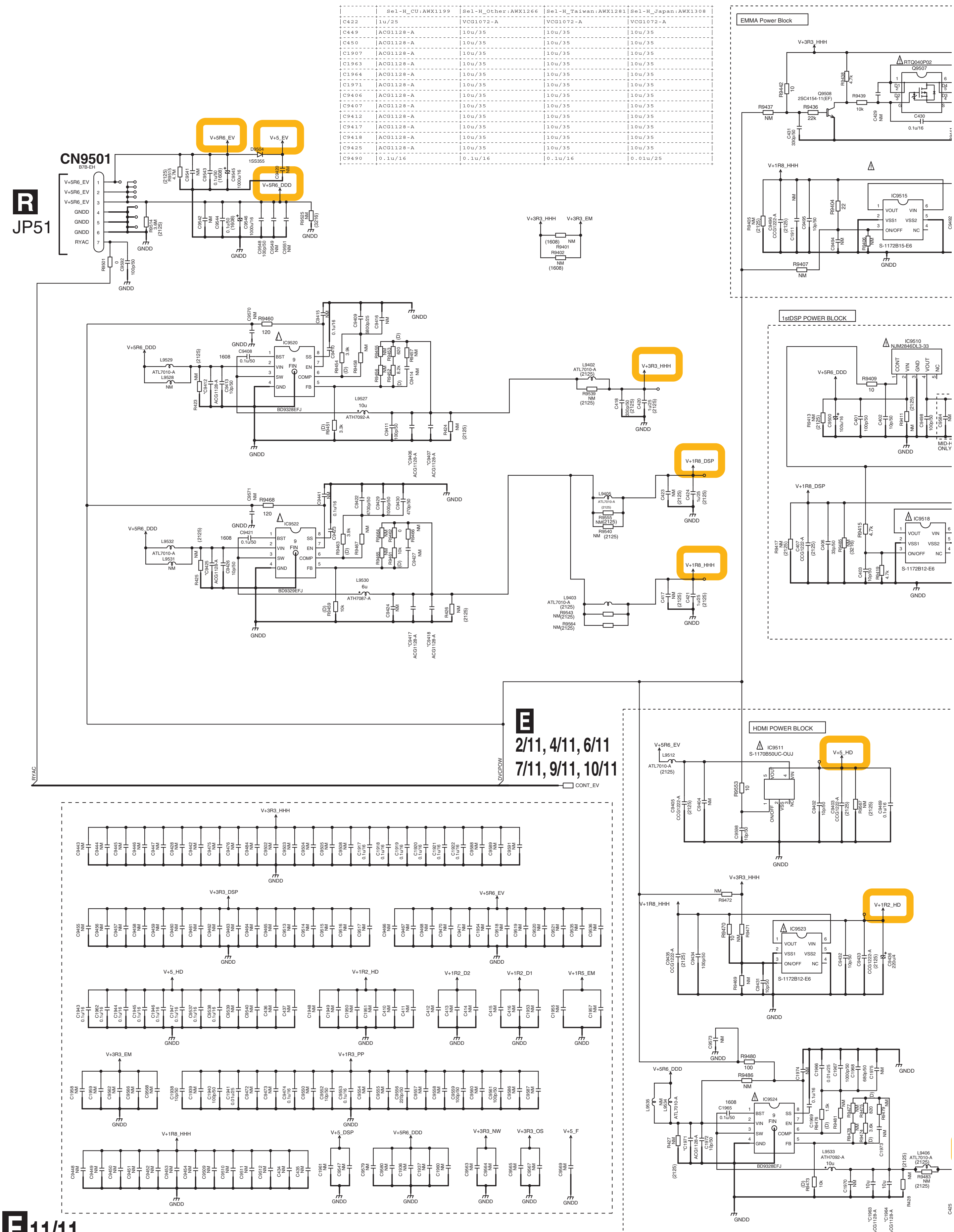


E 10/11 DIGITAL MAIN ASSY (10/11) (AWX1199)



10.18 DIGITAL MAIN ASSY (11/11)

	Sel-H_CU:AWX1199	Sel-H_Other:AWX1266	Sel-H_Taiwan:AWX1281	Sel-H_Japan:AWX1308
C422	1u/25	VCG1072-A	VCG1072-A	VCG1072-A
C449	ACG1128-A	10u/35	10u/35	10u/35
C450	ACG1128-A	10u/35	10u/35	10u/35
C1907	ACG1128-A	10u/35	10u/35	10u/35
C1963	ACG1128-A	10u/35	10u/35	10u/35
C1964	ACG1128-A	10u/35	10u/35	10u/35
C1971	ACG1128-A	10u/35	10u/35	10u/35
C9406	ACG1128-A	10u/35	10u/35	10u/35
C9407	ACG1128-A	10u/35	10u/35	10u/35
C9412	ACG1128-A	10u/35	10u/35	10u/35
C9417	ACG1128-A	10u/35	10u/35	10u/35
C9418	ACG1128-A	10u/35	10u/35	10u/35
C9425	ACG1128-A	10u/35	10u/35	10u/35
C9490	0.1u/16	0.1u/16	0.1u/16	0.01u/25



E 11/11

E 11/11 DIGITAL MAIN ASSY (11/11) (AWX1199)

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.

2ndDSP POWER BLOCK

NETWORK POWER BLOCK

GA POWER BLOCK

SCALER POWER BLOCK

E 2/11
NETPOWS

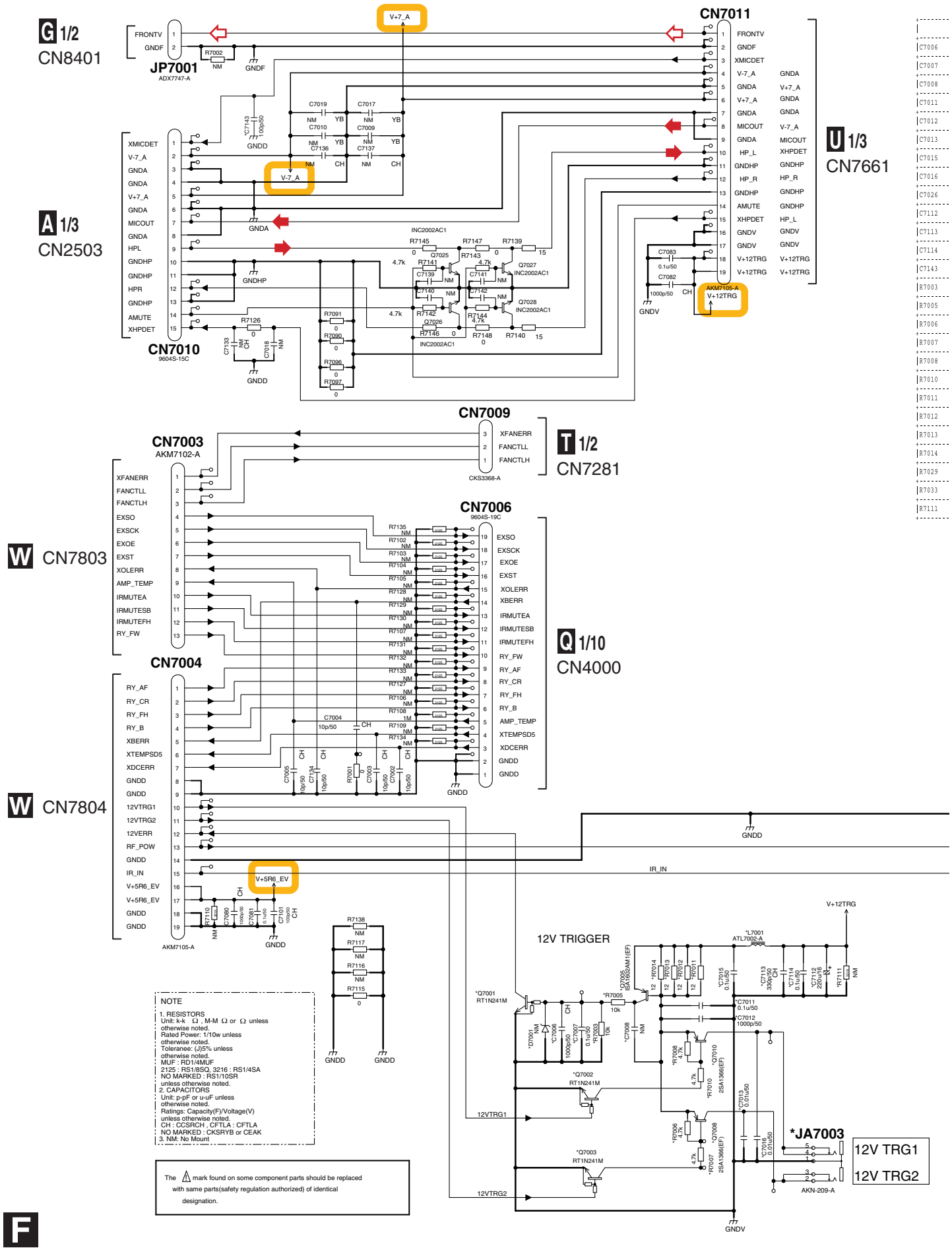
E 2/11 - 10/11

CONT_GA

DMPOW

E 11/11

10.19 INTERFACE ASSY



F INTERFACE ASSY (AWX1157)

	awx1157
C7006	1000p/50
C7007	0.1u/50
C7008	NM
C7011	0.1u/50
C7012	1000p/50
C7013	0.01u/50
C7015	0.1u/50
C7016	0.01u/50
C7026	0.015u/50
C7112	220u/16
C7113	330p/50
C7114	0.1u/50
C7143	100p/50
R7003	10k
R7005	10k
R7006	4.7k
R7007	4.7k
R7008	4.7k
R7010	4.7k
R7011	12
R7012	12
R7013	12
R7014	12
R7029	100k
R7033	0
R7111	NM

	awx1157
L7001	ATL7002-A
L7007	QTL1013-A
D7001	NM
D7007	1SS357
JA7003	AKN-209-A
JA7004	VKB1243-A
Q7001	RT1N241M
Q7002	RT1N241M
Q7003	RT1N241M
Q7005	1SA1602AM1(EF)
Q7008	2SA1366(EF)
Q7010	2SA1366(EF)
Q7015	RT1N241M
Q7016	RT1P241M-11
TP7024	U_TESTPOINT_1.2
TP7025	U_TESTPOINT_1.2
TP7108	TESTPOINT

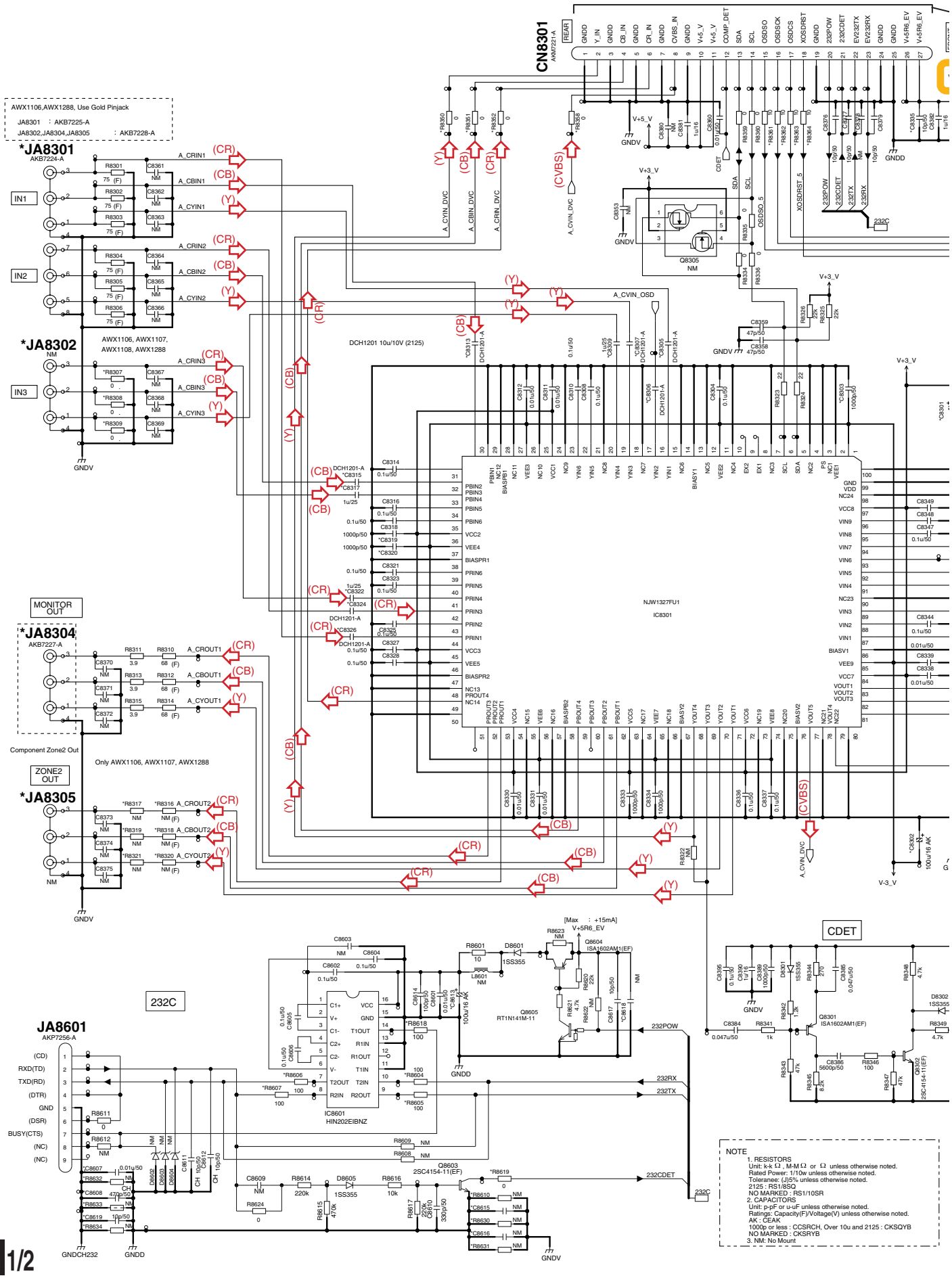
1/3
CN7661

JA7005 IR OUT
JA7001 IR IN1
JA7004 IR IN2
JA7002 RF POWER

12V TRG1
12V TRG2

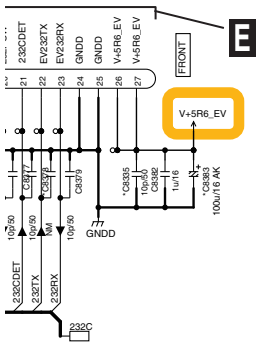
: Video Signal Route
: Audio Signal Route

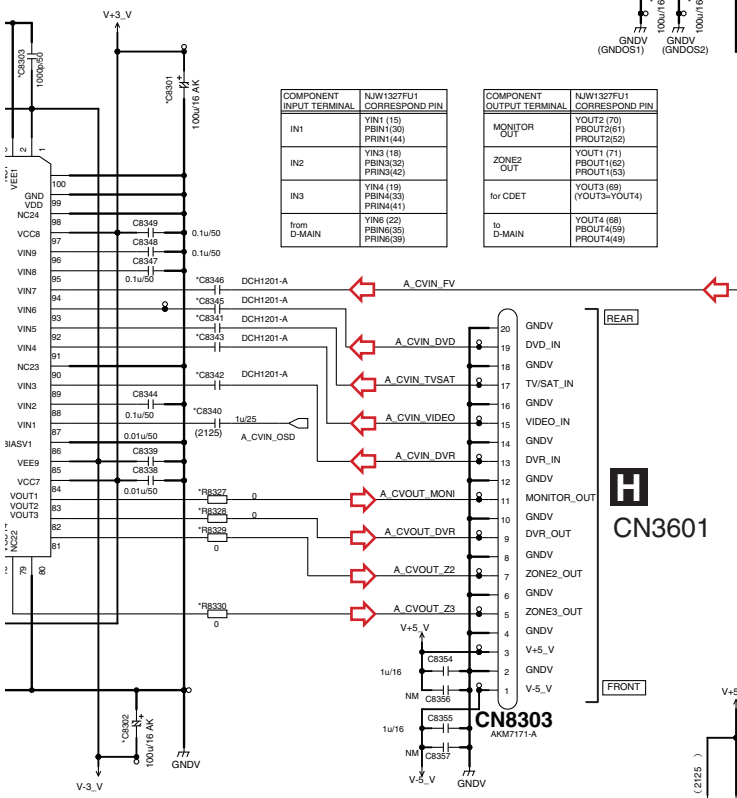
10.20 COMPONENT ASSY (1/2)



G 1/2 COMPONENT ASSY (1/2) (AWX1105)

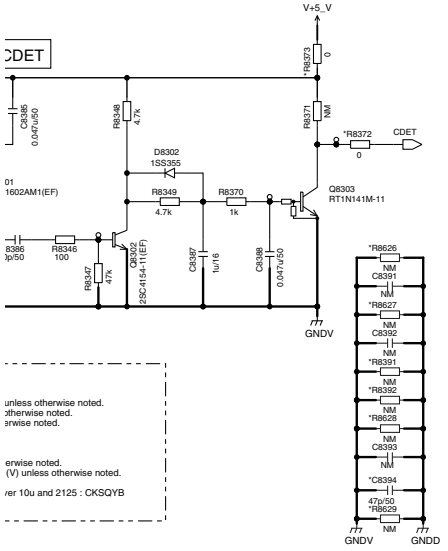
E 4/11 CN901





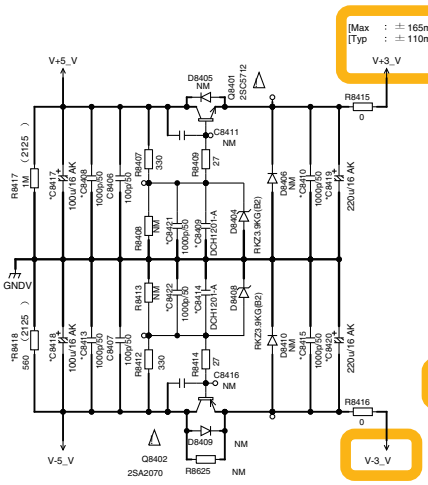
COMPONENT INPUT TERMINAL	NJW1327FU1 CORRESPOND PIN
IN1	YIN1 (15) PBIN1(30) PRIN1(44)
IN2	YIN3 (18) PBIN3(32) PRIN3(42)
IN3	YIN4 (19) PBIN4(33) PRIN4(41)
from D-MAIN	YIN6 (22) PBIN6(36) PRIN6(39)

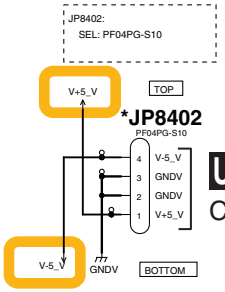
COMPONENT OUTPUT TERMINAL	NJW1327FU1 CORRESPOND PIN
MONITOR OUT	YOUT2 (70) PBOUT2(61) PROUT2(52)
ZONE2 OUT	YOUT1 (71) PBOUT1(62) PROUT1(53)
for CDET	YOUT3 (69) (YOUT3=YOUT4)
to D-MAIN	YOUT4 (68) PBOUT4(59) PROUT4(49)

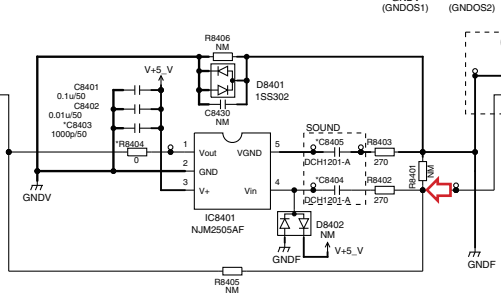


COMPOSITE INPUT TERMINAL	NJW13277FU1 CORRESPOND PIN
OSD IC	VIN1 (87)
DVR_IN	VIN3 (89)
VIDEO_IN	VIN4 (91)
TV/SAT_IN	VIN5 (92)
DVD_IN	VIN6 (93)
FrontV	VIN7 (94)
from D-MAIN	VIN9 (96)

COMPOSITE OUTPUT TERMINAL	NJW1327FU1 CORRESPOND PIN
MONITOR OUT	VOUT1 (83)
DVR OUT	VOUT2 (82)
ZONE2 OUT	VOUT3 (81)
ZONE3 OUT	VOUT4 (79)
to D-MAIN	VOUT5 (77)







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

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

G 1/2

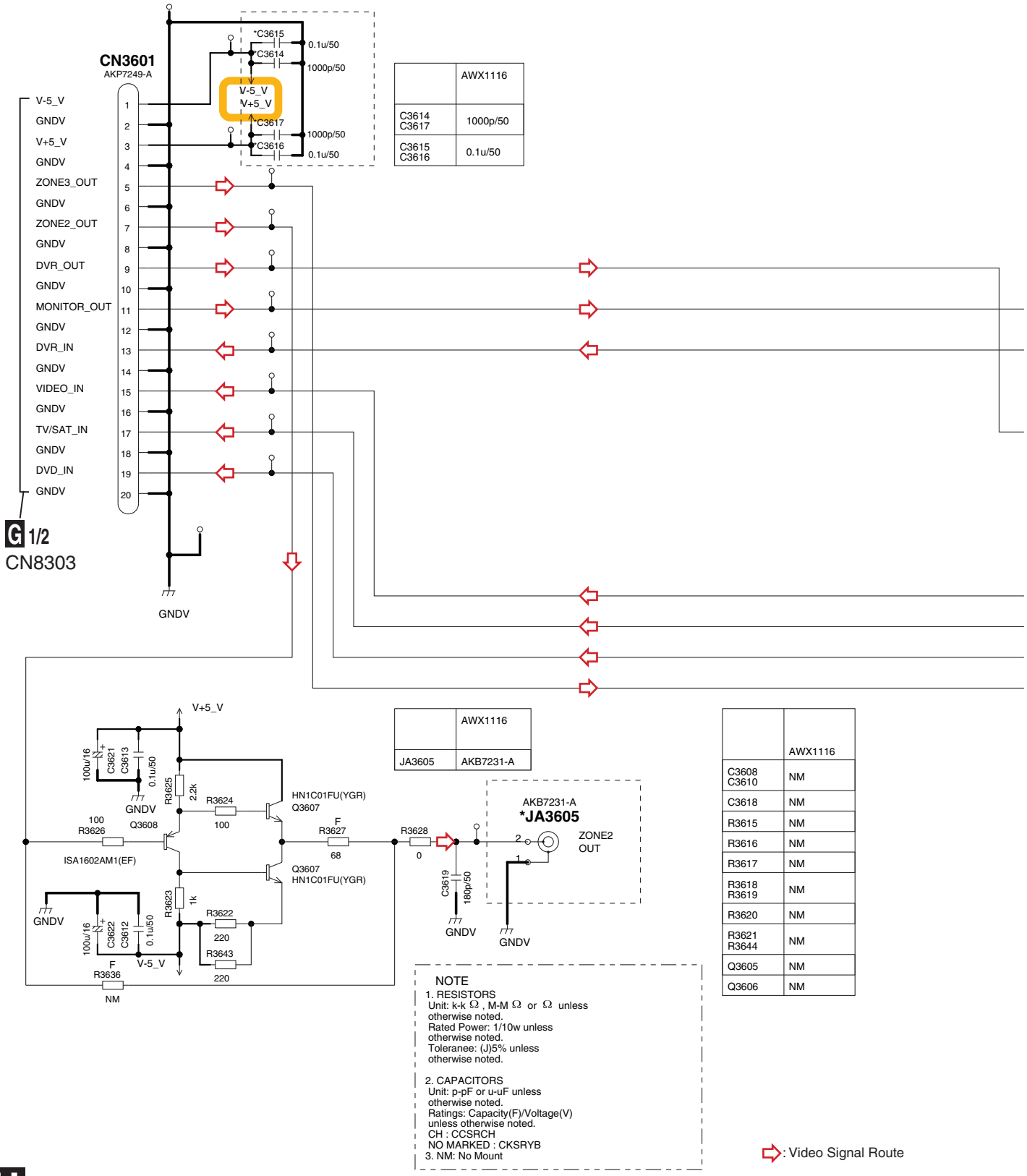
10.21 COMPONENT ASSY (2/2)

	awx1105	awx1287	awx1316
C8301	100u/16	100u/16	100u/16
C8302	100u/16	100u/16	100u/16
C8303	1000p/50	1000p/50	0.01u/50
C8305	DCH1201-A	DCH1201-A	DCH1263-A
C8306	DCH1201-A	DCH1201-A	DCH1263-A
C8307	DCH1201-A	DCH1201-A	DCH1263-A
C8309	1u/25	1u/25	VCG1072-A
C8313	DCH1201-A	DCH1201-A	DCH1263-A
C8315	DCH1201-A	DCH1201-A	DCH1263-A
C8317	1u/25	1u/25	VCG1072-A
C8319	1000p/50	1000p/50	0.01u/50
C8320	1000p/50	1000p/50	0.01u/50
C8322	1u/25	1u/25	VCG1072-A
C8324	DCH1201-A	DCH1201-A	DCH1263-A
C8326	DCH1201-A	DCH1201-A	DCH1263-A
C8335	10p/50	10p/50	10p/50
C8340	1u/25	1u/25	VCG1072-A
C8341	DCH1201-A	DCH1201-A	DCH1263-A
C8342	DCH1201-A	DCH1201-A	DCH1263-A
C8343	DCH1201-A	DCH1201-A	DCH1263-A
C8345	DCH1201-A	DCH1201-A	DCH1263-A
C8346	DCH1201-A	DCH1201-A	DCH1263-A
C8378	NM	470p/50	470p/50
C8383	100u/16	100u/16	100u/16
C8394	47p/50	NM	NM
C8607	0.01u/50	NM	NM
C8608	470p/50	NM	NM
C8613	100u/16	100u/16	100u/16
C8615	NM	NM	NM
C8616	NM	NM	NM
C8618	NM	NM	NM
C8619	10p/50	NM	NM
R8307	0	0	0
R8308	0	0	0
R8309	0	0	0
R8316	NM	NM	NM
R8317	NM	NM	NM
R8318	NM	NM	NM
R8319	NM	NM	NM
R8320	NM	NM	NM
R8321	NM	NM	NM
R8327	0	0	2.2
R8328	0	0	2.2
R8329	0	0	2.2
R8330	0	0	NM
R8350	0	0	3.3
R8351	0	0	2.2
R8352	0	0	2.2
R8358	0	0	2.2
R8361	10	10	12
R8362	10	10	12
R8363	10	10	12
R8364	10	10	12
R8372	0	0	10
R8373	0	0	2.2
R8391	NM	0	0
R8392	NM	0	0
R8604	100	100	100
R8605	100	100	120
R8606	100	100	120
R8607	100	100	100
R8610	NM	0	0
R8618	100	100	120
R8619	0	0	10
R8626	NM	0	0
R8627	NM	0	0
R8628	NM	0	0
R8629	NM	0	0
R8630	NM	0	0
R8631	NM	0	0
R8632	NM	0	0
R8633	NM	0	0
R8634	NM	0	0
JA8301	AKB7224-A	AKB7224-A	AKB7224-A
JA8302	NM	NM	NM
JA8304	AKB7227-A	AKB7227-A	AKB7227-A
JA8305	NM	NM	NM

G2/2 COMPONENT ASSY (2/2) (AWX1105)

	awx1105	awx1287	awx1316
C8403	1000p/50	1000p/50	NM
C8404	DCH1201-A	DCH1201-A	DCH1263-A
C8405	DCH1201-A	DCH1201-A	DCH1263-A
C8408	1000p/50	NM	NM
C8409	DCH1201-A	DCH1263-A	DCH1263-A
C8410	1000p/50	NM	NM
C8413	1000p/50	NM	NM
C8414	DCH1201-A	DCH1263-A	DCH1263-A
C8415	1000p/50	NM	NM
C8417	100u/16	100u/16	100u/16
C8418	100u/16	100u/16	100u/16
C8419	220u/16	220u/16	220u/16
C8420	220u/16	220u/16	220u/16
C8421	1000p/50	330p/50	330p/50
C8422	1000p/50	330p/50	330p/50
C8513	1000p/50	1000p/50	0.01u/50
C8520	100u/16	100u/16	100u/16
C8521	100u/16	100u/16	100u/16
R8404	0	0	10
R8418	560	470	470
R8520	0	0	2.2
R8521	0	0	2.2
JP8402	PF04PG-S10	PF04PG-S10	PF04PG-S10

10.22 COMPOSITE ASSY



	AWX1116
C3614 C3617	1000p/50
C3615 C3616	0.1u/50

	AWX1116
JA3605	AKB7231-A

	AWX1116
C3608 C3610	NM
C3618	NM
R3615	NM
R3616	NM
R3617	NM
R3618 R3619	NM
R3620	NM
R3621 R3644	NM
Q3605	NM
Q3606	NM

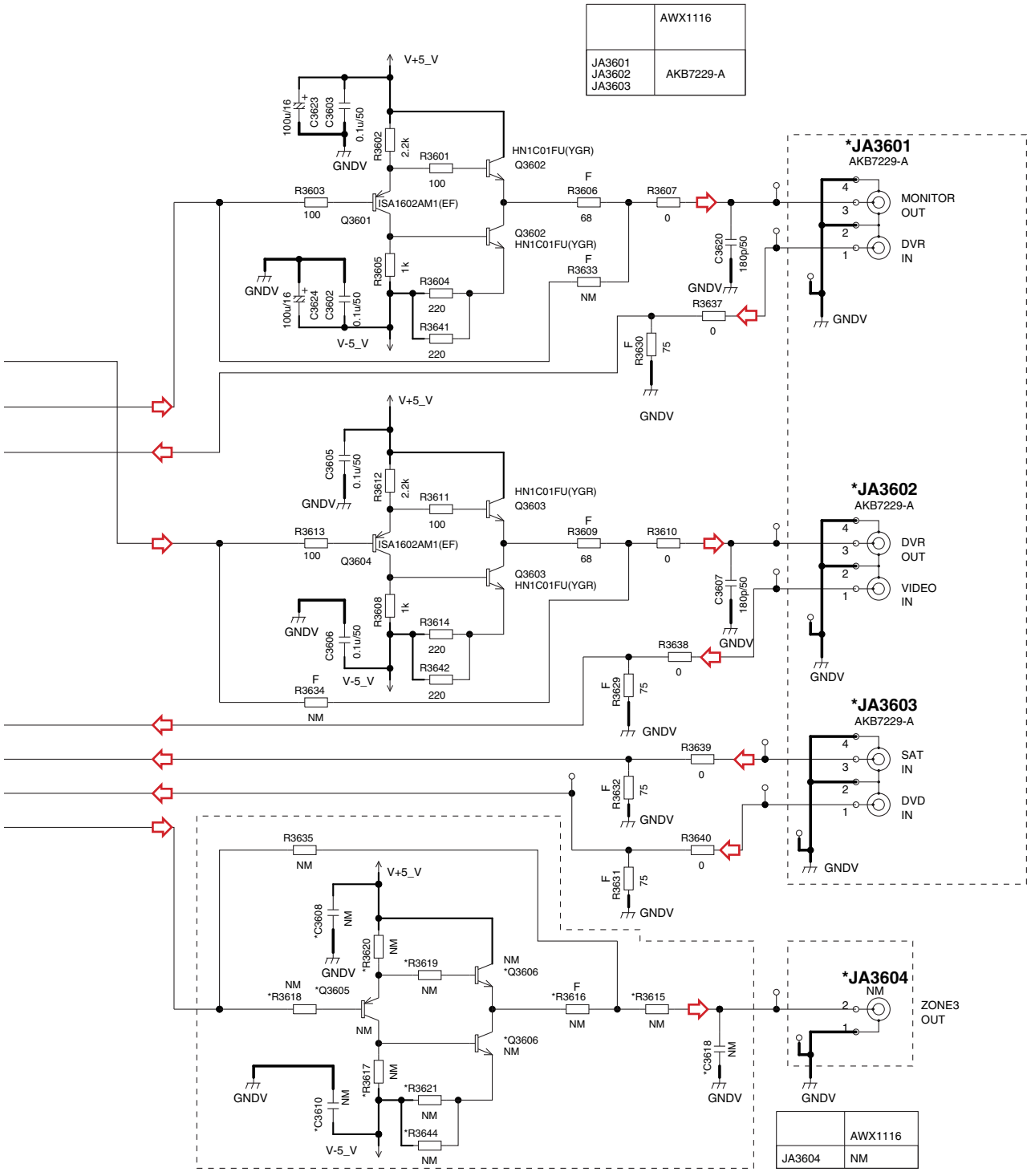
NOTE

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.

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

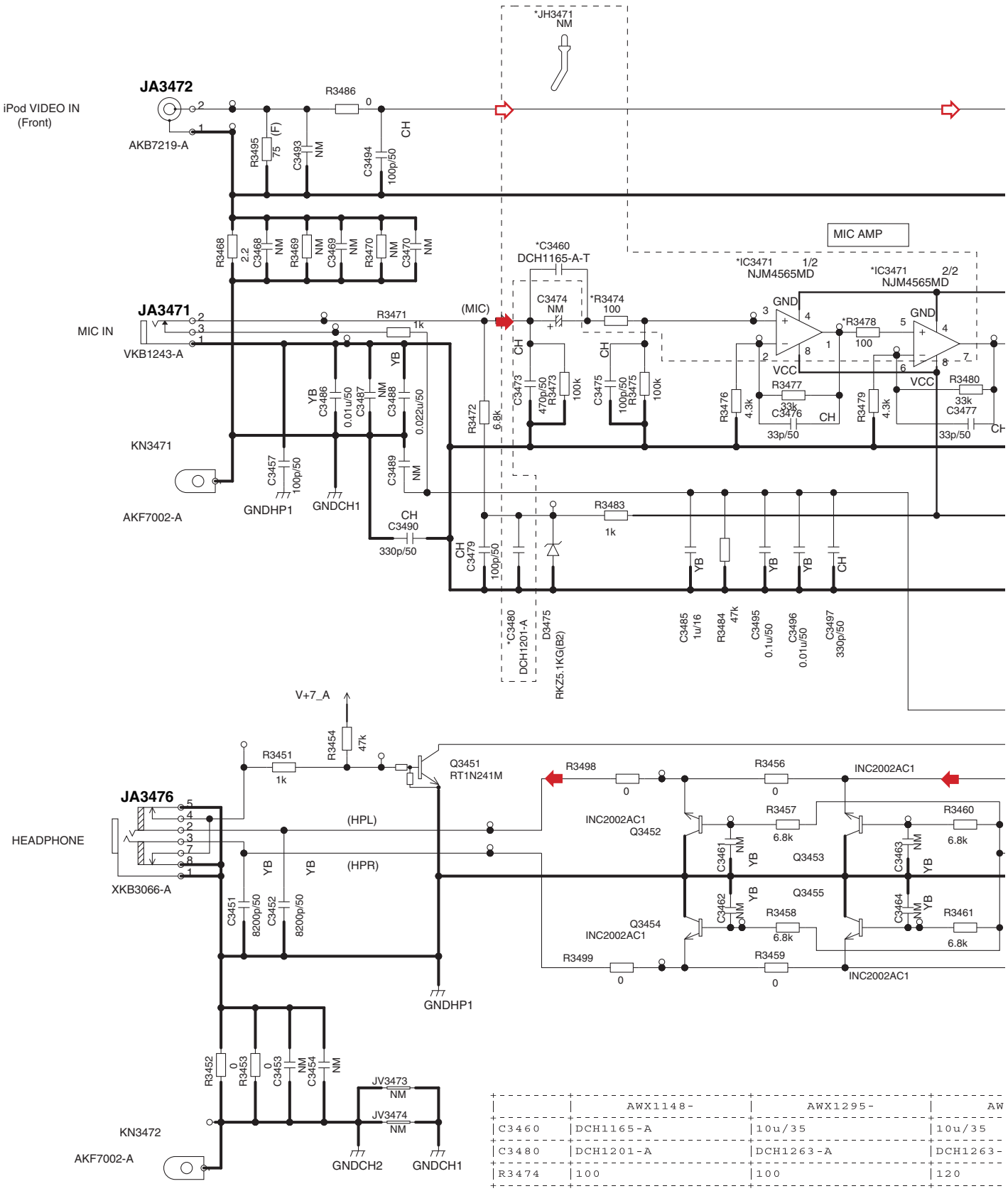
COMPOSITE ASSY (AWX1116)



e

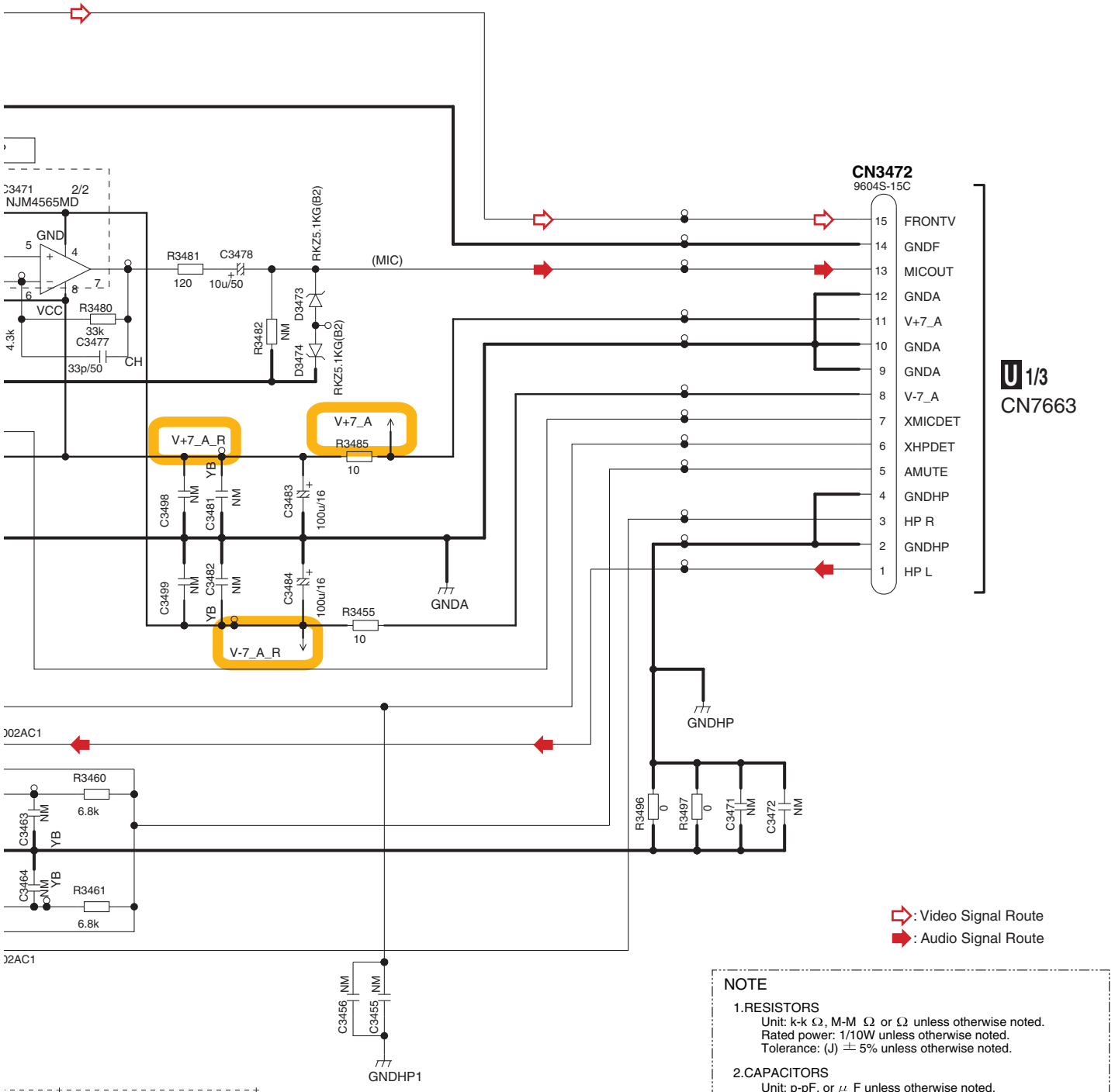
5 6 7 8

10.23 MIC HP ASSY



	AWX1148-	AWX1295-	AW
C3460	DCH1165-A	10u/35	10u/35
C3480	DCH1201-A	DCH1263-A	DCH1263-
R3474	100	100	120
R3478	100	100	120
IC3471	NJM4565MD	NJM4565MD	NJM4565M
JH3471	NM	NM	NM

MIC HP ASSY (AWX1148)



: Video Signal Route
: Audio Signal Route

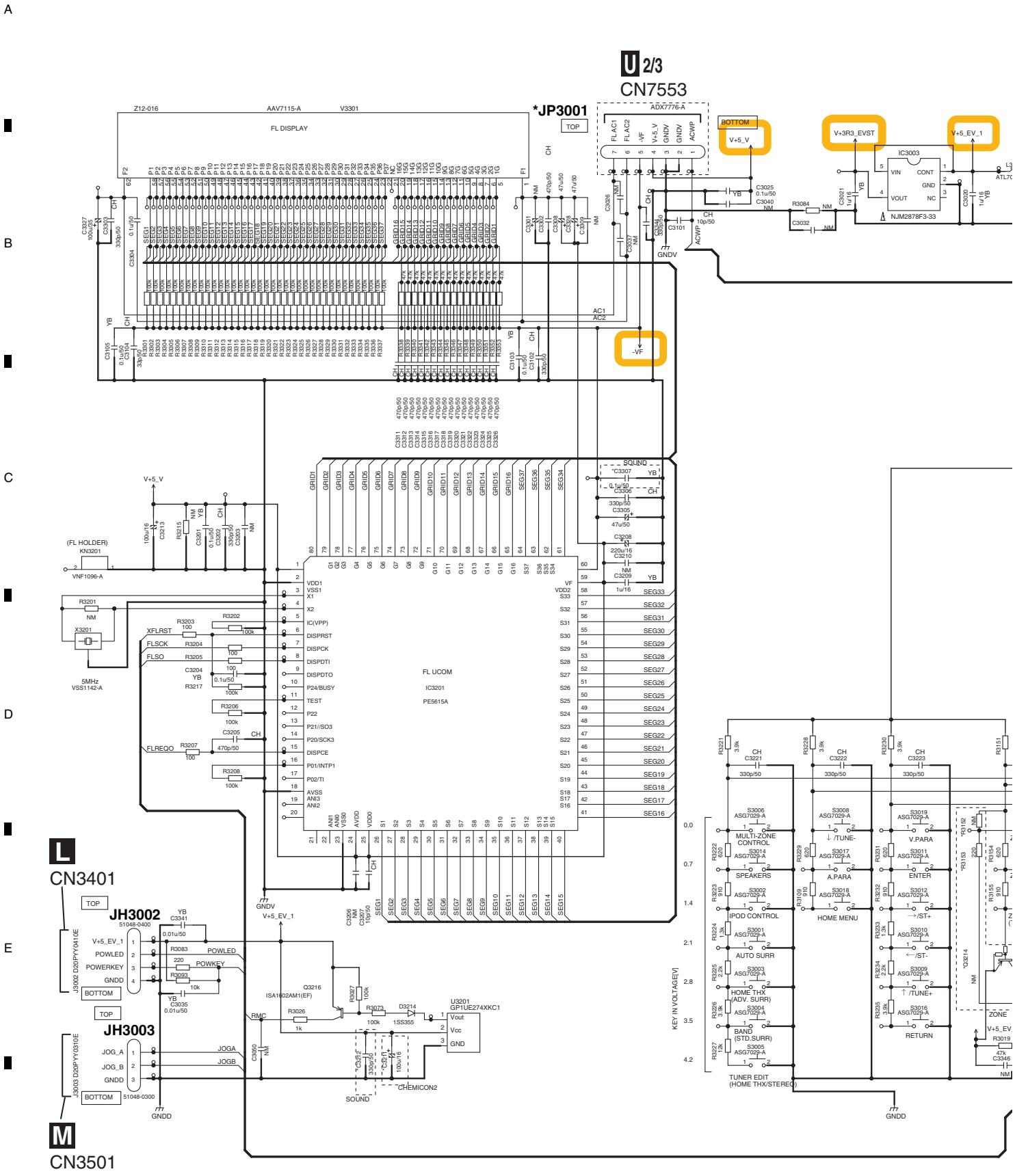
NOTE

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.

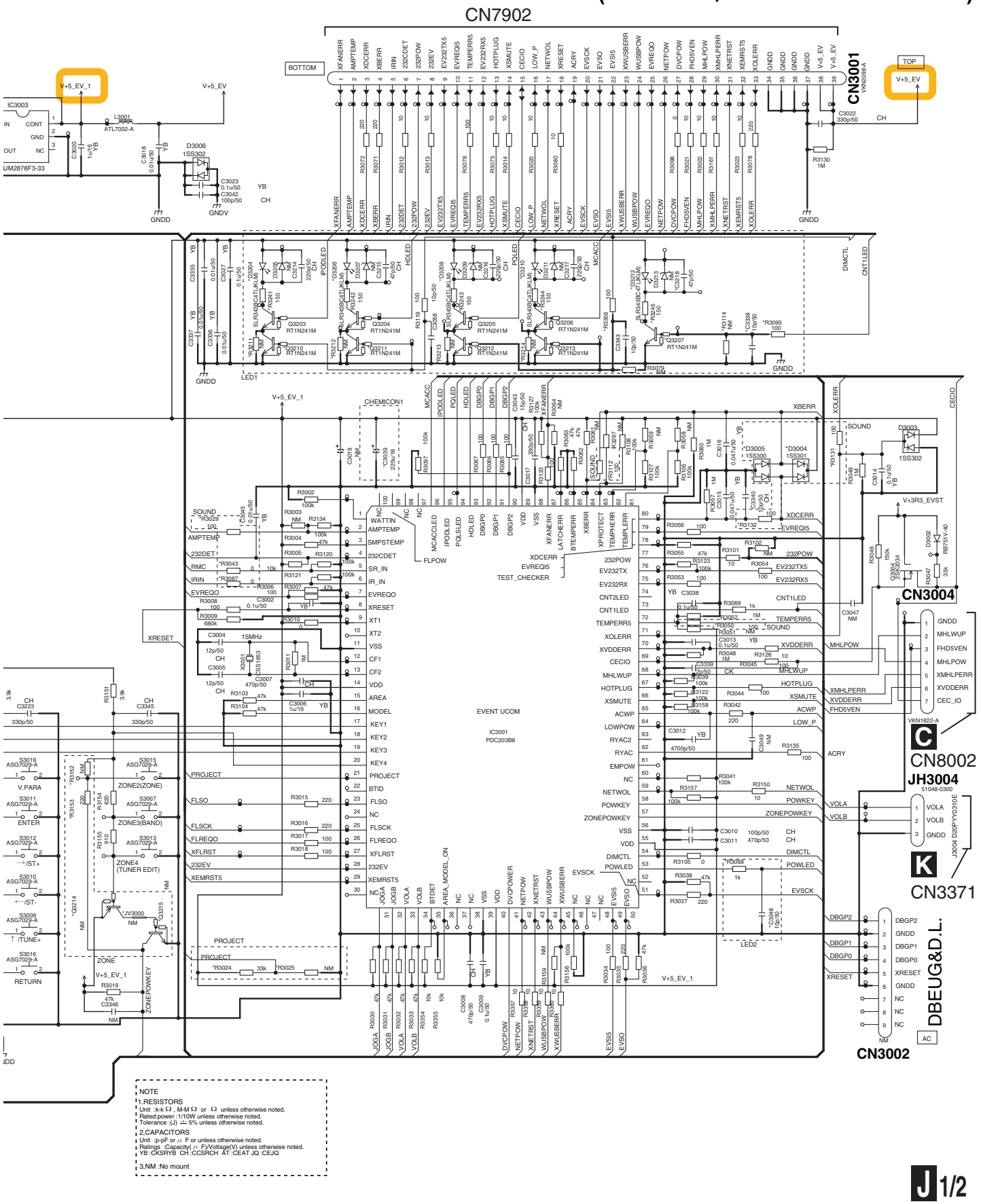
AWX1306-
10u/35
DCH1263-A
120
120
NJM4565MD
NM

10.24 DISPLAY ASSY (1/2)



J 1/2 DISPLAY ASSY (1/2)
(SC-65 :AWX1131)
(SC-1527-K/SC-1522-K :AWX1132)

U 3/3



10.25 DISPLAY ASSY (2/2)

PROJECT	AWX1131-	AWX1132-	AWX1205-
R3024	33k	33k	33k
R3025	NM	NM	NM

LED1	AWX1131-	AWX1132-	AWX1205-
C3218	47p/50	NM	47p/50
C3338	10p/50	NM	10p/50
R3079	NM	0	NM
R3095	100	NM	100
R3114	NM	0	NM
R3211	NM	0	NM
R3212	NM	0	NM
R3213	NM	0	NM
R3214	NM	0	NM
R3241	150	680	150
R3242	150	680	150
R3243	150	680	150
R3244	150	680	150
R3245	150	NM	150
R3356	100	NM	100
D3204	SLR343BC4T(JKLM)	SLR-343VC(NPQ)	SLR343BC4T(JKLM)
D3206	SLR343BC4T(JKLM)	SLR-343VC(NPQ)	SLR343BC4T(JKLM)
D3208	SLR343BC4T(JKLM)	SLR-343VC(NPQ)	SLR343BC4T(JKLM)
D3210	SLR343BC4T(JKLM)	SLR-343VC(NPQ)	SLR343BC4T(JKLM)
D3212	SLR343BC4T(JKLM)	NM	SLR343BC4T(JKLM)
Q3207	DTC124EUA	NM	DTC124EUA
Q3210	DTC124EUA	NM	DTC124EUA
Q3211	DTC124EUA	NM	DTC124EUA
Q3212	DTC124EUA	NM	DTC124EUA
Q3213	DTC124EUA	NM	DTC124EUA

LED2	AWX1131-	AWX1132-	AWX1205-
C3048	10p/50	NM	10p/50
R3068	1k	NM	1k

ZONE	AWX1131-	AWX1132-	AWX1205-
R3152	NM	NM	NM
R3153	220	220	220
JV3000	NM	NM	NM
Q3214	NM	NM	NM
Q3215	NM	NM	NM

JP3001	AWX1131-	AWX1132-	AWX1205-
JP3001	ADX7776-A	ADX7776-A	ADX7776-A

CHEMICON1	AWX1131-	AWX1132-	AWX1205-
C3039	220u/16	220u/16	220u/16

CHEMICON2	AWX1131-	AWX1132-	AWX1205-
C3211	100u/16	100u/16	100u/16

SOUND	AWX1131-	AWX1132-	AWX1205-
C3212	330p/50	330p/50	NM
C3307	0.1u/50	0.1u/50	0.01u/50
D3004	1SS301	1SS301	NM
D3005	1SS300	1SS300	NM
R3043	0	0	10
R3087	0	0	10
R3029	100	100	220
R3112	100	100	220
R3131	100	100	220
R3132	100	100	220
R3050	100	100	220

J2/2 DISPLAY ASSY (2/2)
(SC-65 :AWX1131)
(SC-1527-K/SC-1522-K :AWX1132)

A

B

C

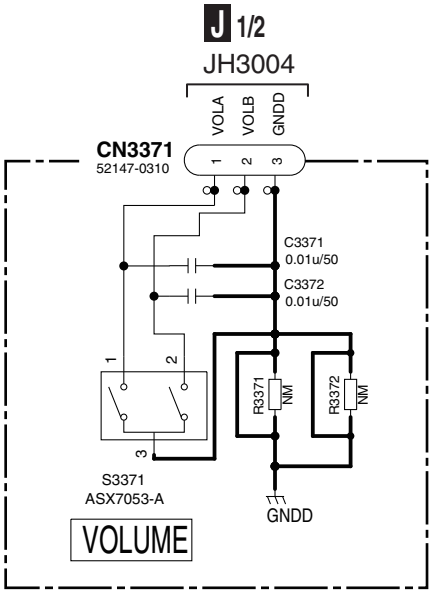
D

E

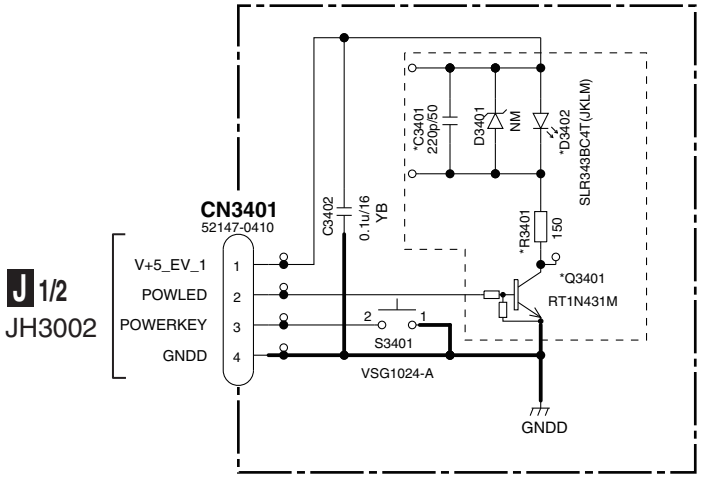
F

10.26 VOL ASSY and POWER SW ASSY

K VOL ASSY (AWX1134)



L POWER SW ASSY
(SC-65 :AWX1135)
(SC-1527-K/SC-1522-K :AWX1151)



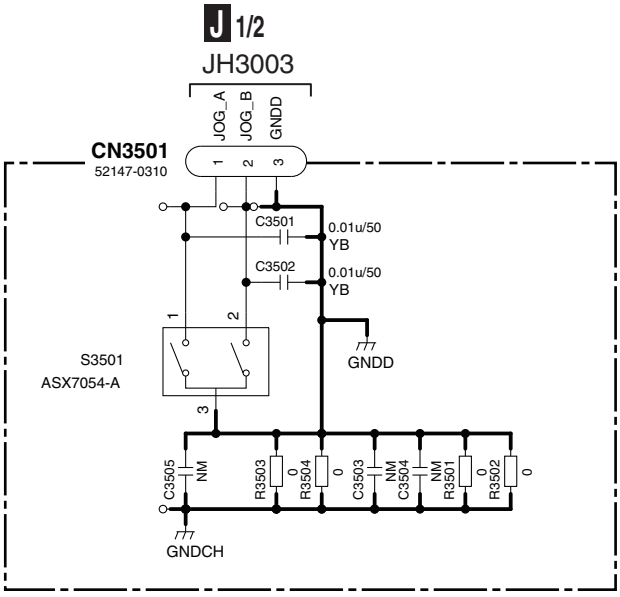
	AWX1135-	AWX1151-
C3401	220p/50	NM
R3401	150	NM
D3402	SLR343BC4T(JKLM)	NM
Q3401	RT1N431M	NM

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) otherwise noted.
   YB : CKSRYB CH : CCSRCE
3. NM: No Mount

10.27 ENCODER ASSY

M ENCODER ASSY (AWX1150)



NOTE

1.RESISTORS

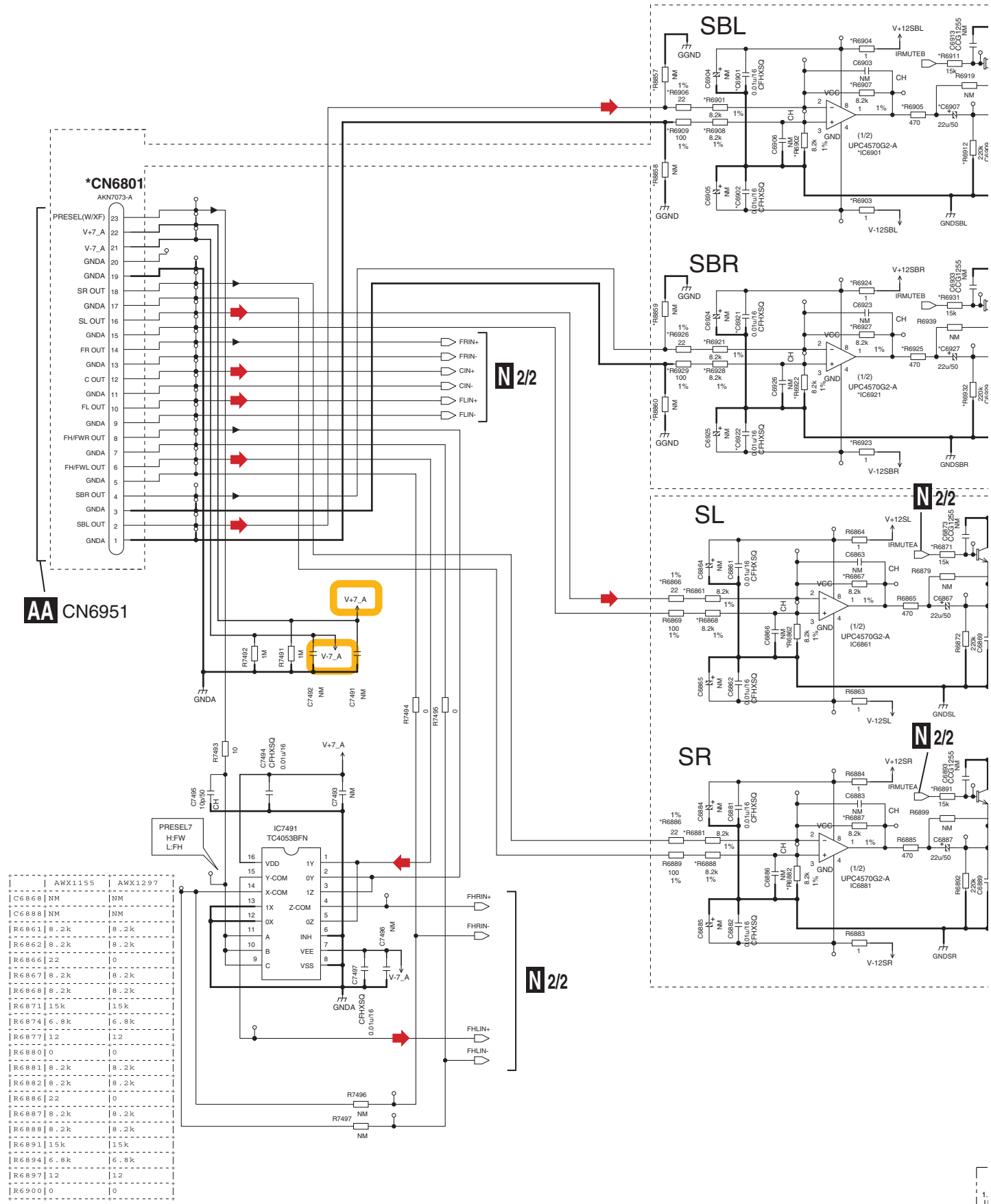
Unit :k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated:power :1/10W unless otherwise noted.
Tolerance :(J) ±5% unless otherwise noted.

2,CAPACITORS

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

3,NM :No mount

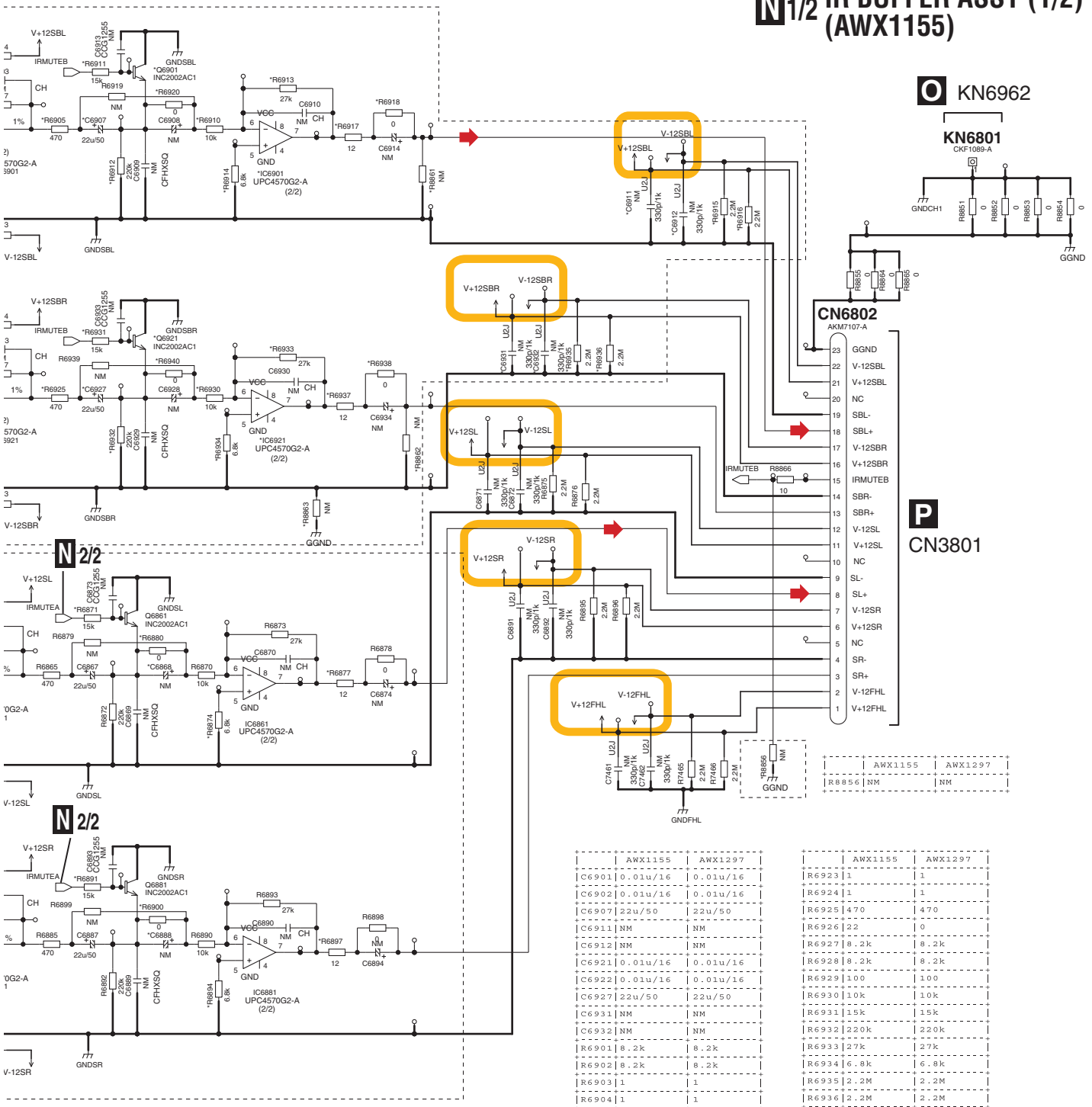
10.28 IR BUFFER ASSY (1/2)



	AWX1155	AWX1297
C6868	NM	NM
C6888	NM	NM
R6861	8.2k	8.2k
R6862	8.2k	8.2k
R6866	22	0
R6867	8.2k	8.2k
R6868	8.2k	8.2k
R6871	15k	15k
R6874	6.8k	6.8k
R6877	12	12
R6880	0	0
R6881	8.2k	8.2k
R6882	8.2k	8.2k
R6886	22	0
R6887	8.2k	8.2k
R6888	8.2k	8.2k
R6891	15k	15k
R6894	6.8k	6.8k
R6897	12	12
R6900	0	0

N 1/2

N 1/2 IR BUFFER ASSY (1/2) (AWX1155)



	AWX1155	AWX1297
R8856	NM	NM

: Audio Signal Route

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***

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,CH:CCSRCH
3. NM: No Mount

	AWX1155	AWX1297
C6901	0.01u/16	0.01u/16
C6902	0.01u/16	0.01u/16
C6907	22u/50	22u/50
C6911	NM	NM
C6912	NM	NM
C6921	0.01u/16	0.01u/16
C6922	0.01u/16	0.01u/16
C6927	22u/50	22u/50
C6931	NM	NM
C6932	NM	NM
R6901	8.2k	8.2k
R6902	8.2k	8.2k
R6903	1	1
R6904	1	1
R6905	470	470
R6906	22	0
R6907	8.2k	8.2k
R6908	8.2k	8.2k
R6909	100	100
R6910	10k	10k
R6911	15k	15k
R6912	220k	220k
R6913	27k	27k
R6914	6.8k	6.8k
R6915	2.2M	2.2M
R6916	2.2M	2.2M
R6917	12	12
R6918	0	0
R6920	0	0
R6921	8.2k	8.2k
R6922	8.2k	8.2k

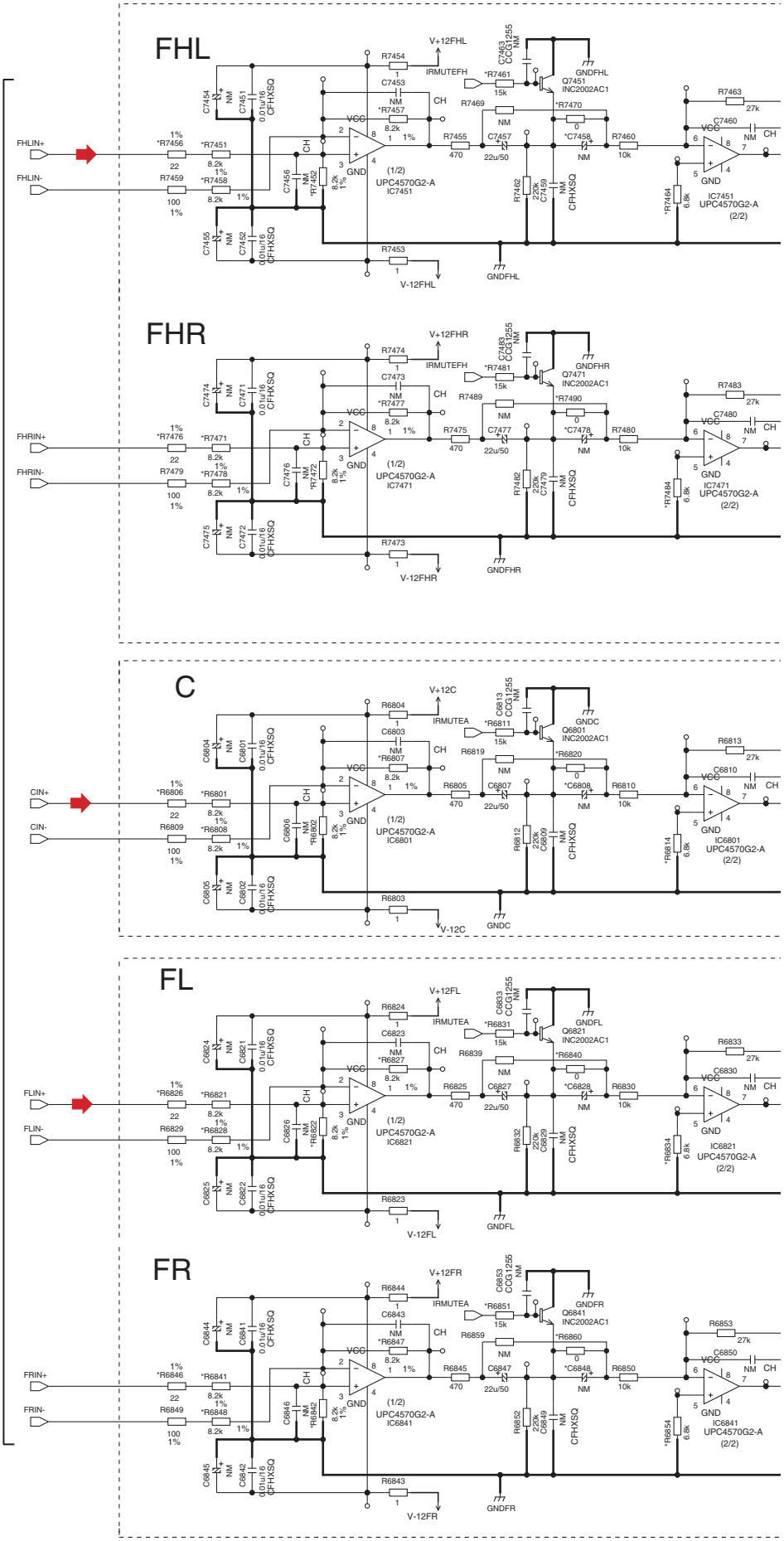
	AWX1155	AWX1297
R6923	1	1
R6924	1	1
R6925	470	470
R6926	22	0
R6927	8.2k	8.2k
R6928	8.2k	8.2k
R6929	100	100
R6930	10k	10k
R6931	15k	15k
R6932	220k	220k
R6933	27k	27k
R6934	6.8k	6.8k
R6935	2.2M	2.2M
R6936	2.2M	2.2M
R6937	12	12
R6938	0	0
R6940	0	0
R8857	NM	NM
R8858	NM	NM
R8859	NM	NM
R8860	NM	NM
R8861	NM	NM
R8862	NM	NM
R8863	NM	NM
IC6901	UPC4570G2-A	UPC4570G2-A
IC6921	UPC4570G2-A	UPC4570G2-A
CN6801	AKN7073-A	AKN7073-A
CN6804	NM	NM
Q6901	INC2002AC1	INC2002AC1
Q6921	INC2002AC1	INC2002AC1

10.29 IR BUFFER ASSY (2/2)

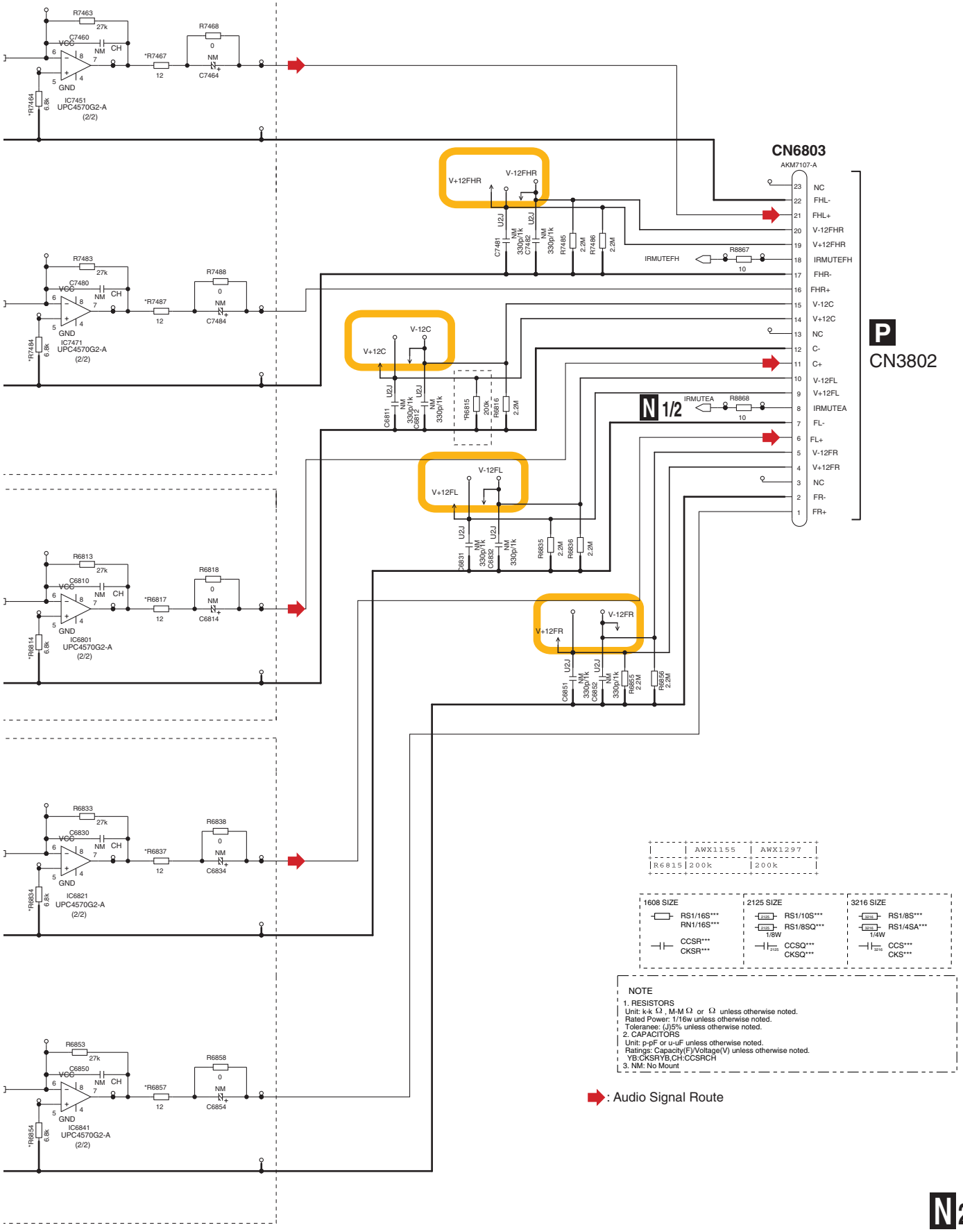
	AWX1155	AWX1297
C7458	NM	**NM**
C7478	**NM**	NM
R7451	8.2k	8.2k
R7452	8.2k	8.2k
R7456	22	0
R7457	8.2k	8.2k
R7458	8.2k	8.2k
R7461	15k	15k
R7464	6.8k	6.8k
R7467	12	12
R7470	0	0
R7471	8.2k	8.2k
R7472	8.2k	8.2k
R7476	22	0
R7477	8.2k	8.2k
R7478	8.2k	8.2k
R7481	15k	15k
R7484	6.8k	6.8k
R7487	12	12
R7490	0	0

	AWX1155	AWX1297
C6808	NM	NM
R6801	8.2k	8.2k
R6802	8.2k	8.2k
R6806	22	0
R6807	8.2k	8.2k
R6808	8.2k	8.2k
R6811	15k	15k
R6814	6.8k	6.8k
R6817	12	12
R6820	0	0

	AWX1155	AWX1297
C6828	NM	NM
C6848	NM	NM
R6821	8.2k	8.2k
R6822	8.2k	8.2k
R6826	22	0
R6827	8.2k	8.2k
R6828	8.2k	8.2k
R6831	15k	15k
R6834	6.8k	6.8k
R6837	12	12
R6840	0	0
R6841	8.2k	8.2k
R6842	8.2k	8.2k
R6846	22	0
R6847	8.2k	8.2k
R6848	8.2k	8.2k
R6851	15k	15k
R6854	6.8k	6.8k
R6857	12	12
R6860	0	0

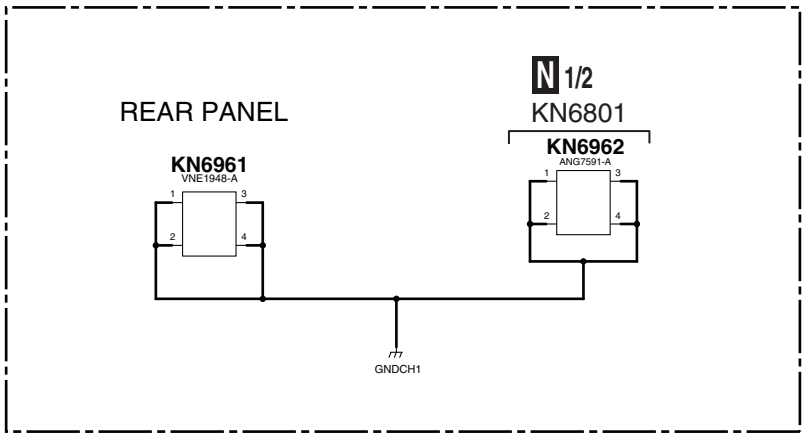


N2/2 IR BUFFER ASSY (2/2) (AWX1155)



10.30 BUFFER GND ASSY and IR INTERFACE ASSY

O BUFFER GND ASSY (AWX1156)



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***

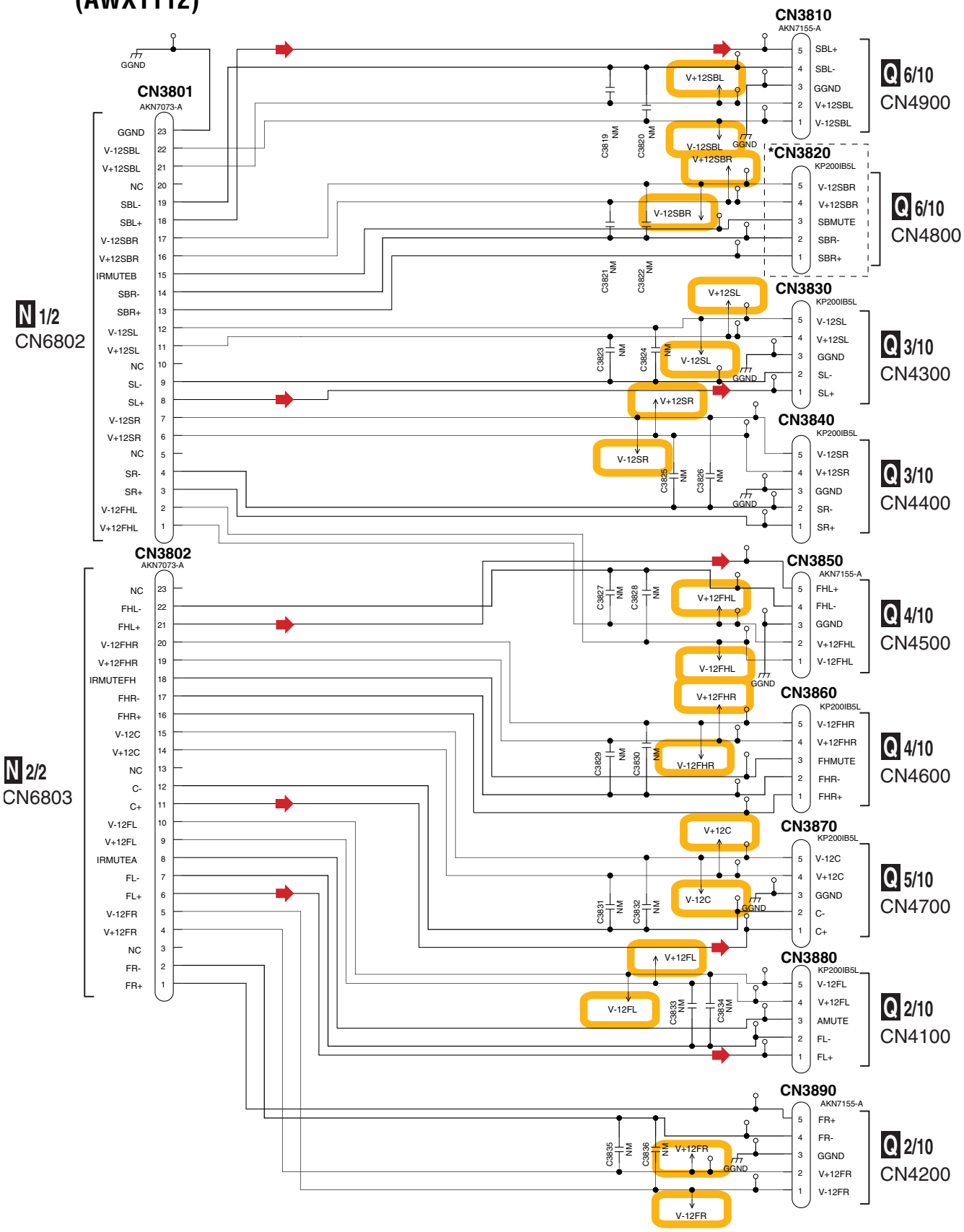
	awx1112
CN3820	KP200IB5L

P IR IN (AW)

N 1/2 CN6802

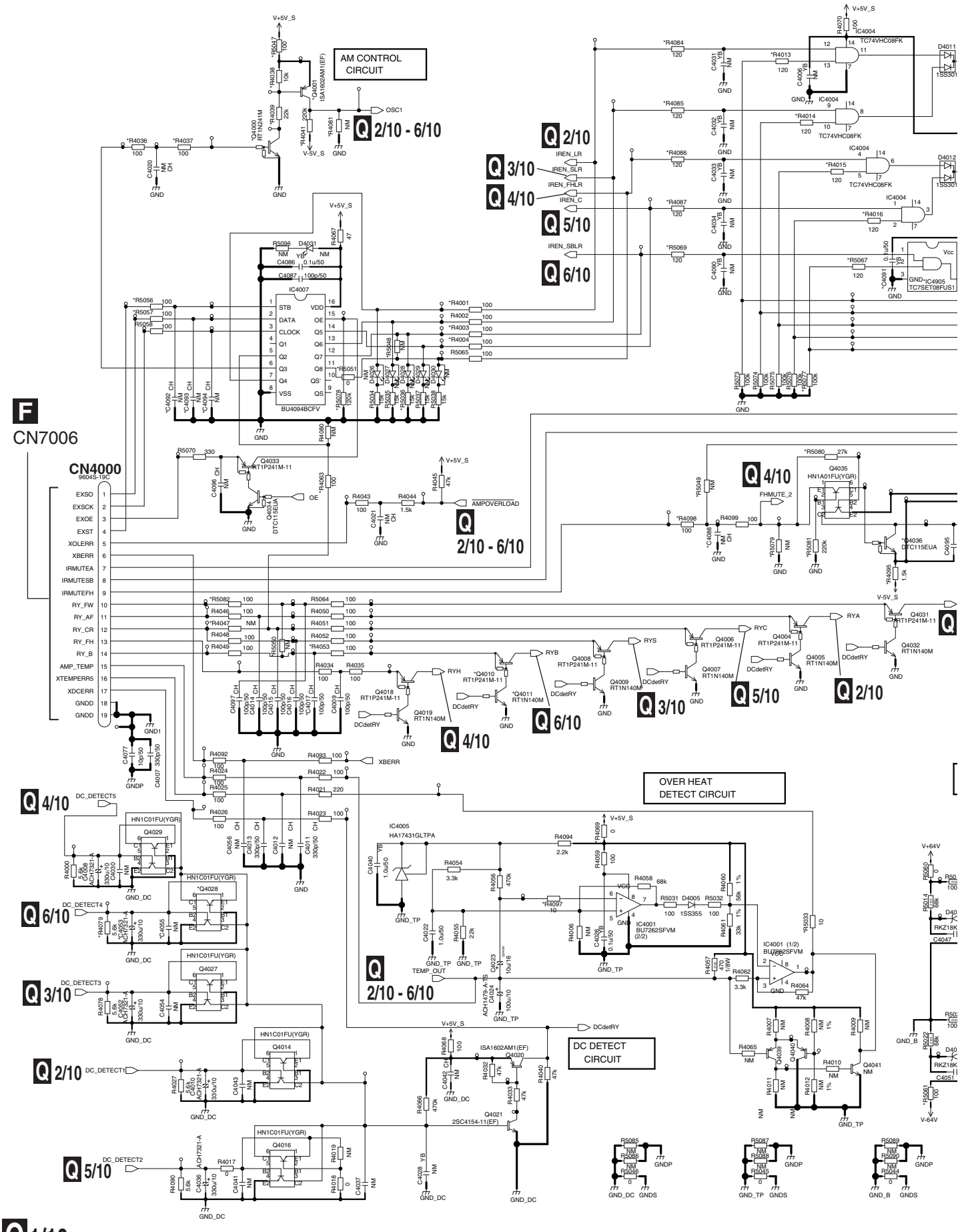
N 2/2 CN6803

P IR INTERFACE ASSY (AWX1112)



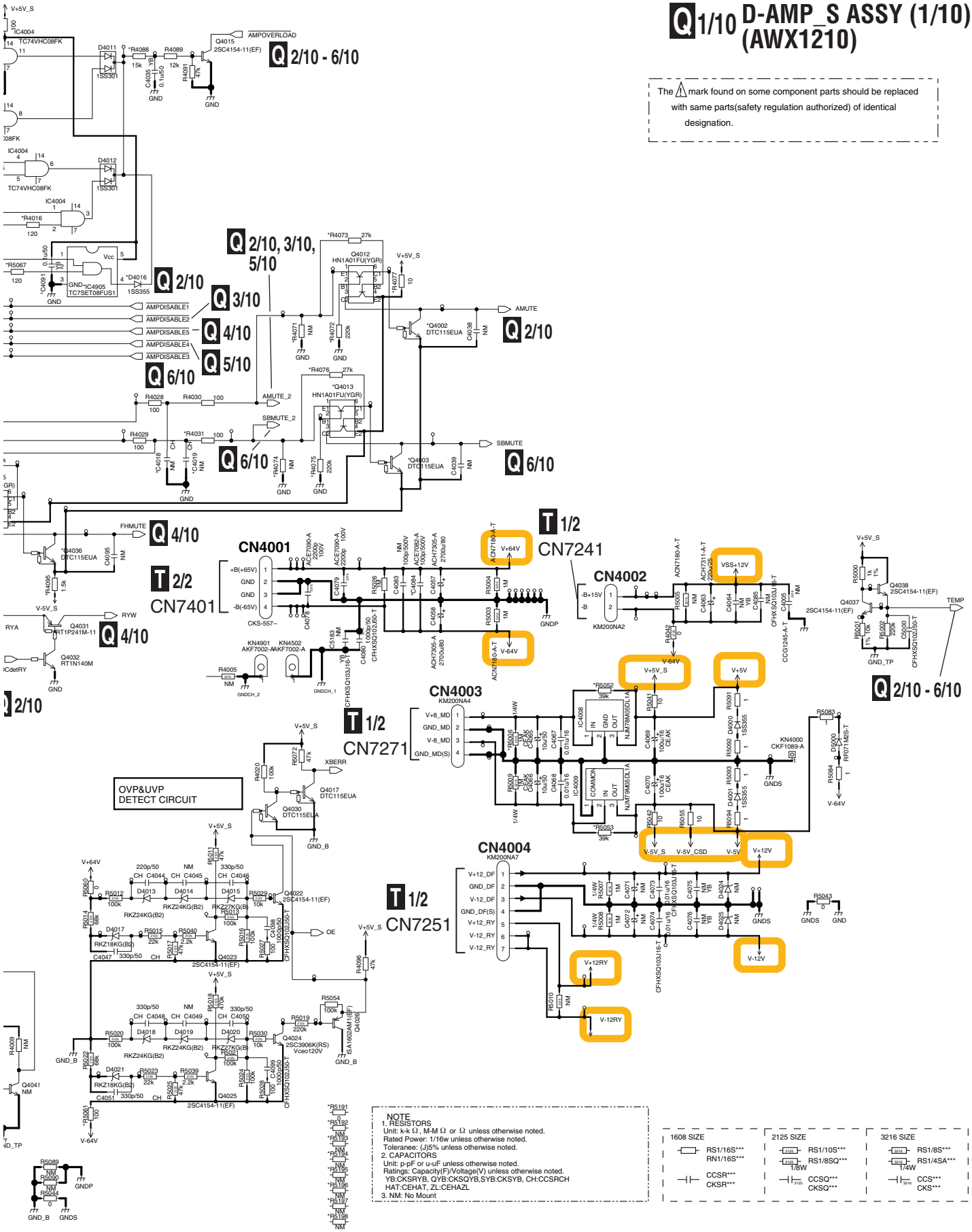
: Audio Signal Route

10.31 D-AMP_S ASSY (1/10)

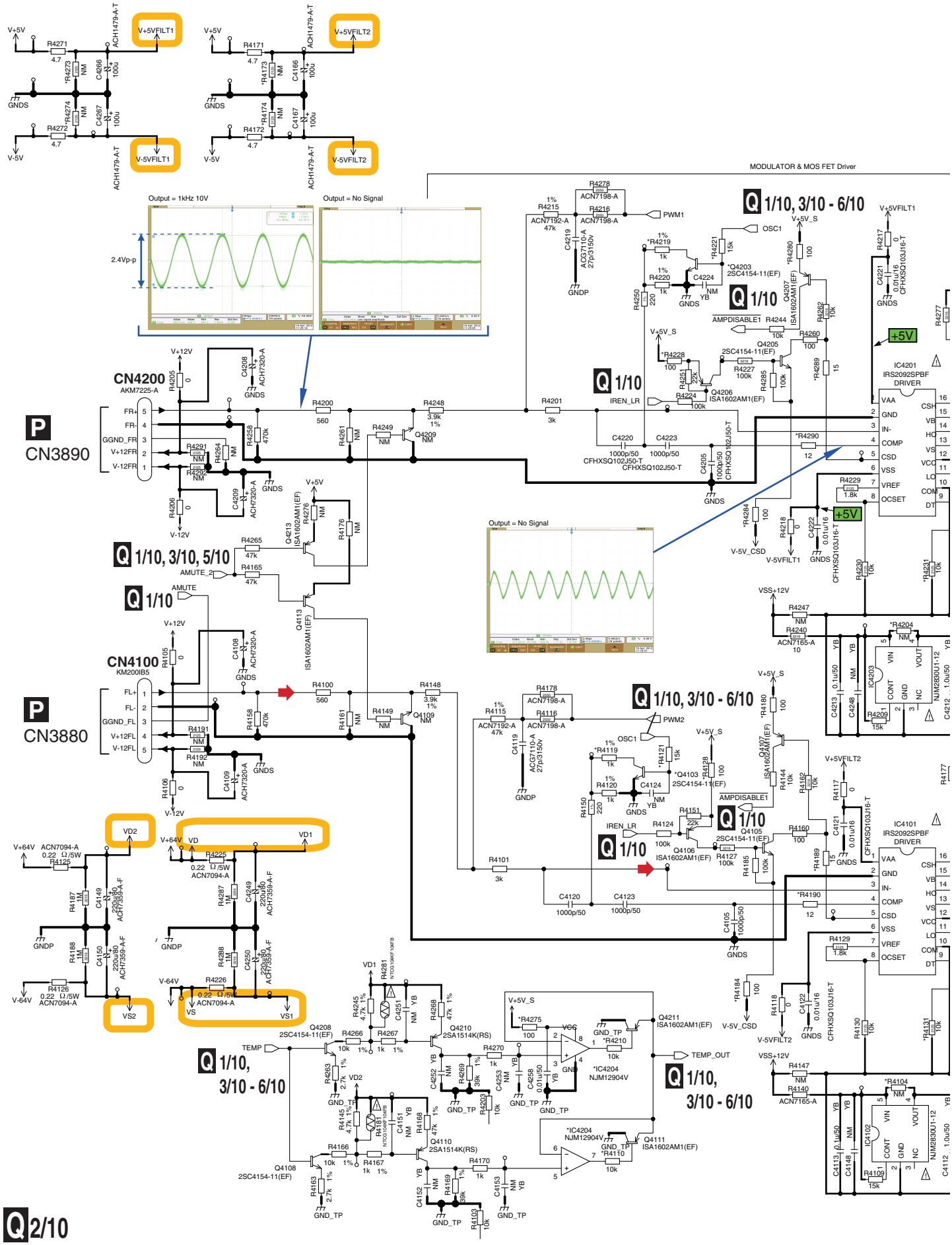


Q 1/10 D-AMP_S ASSY (1/10) (AWX1210)

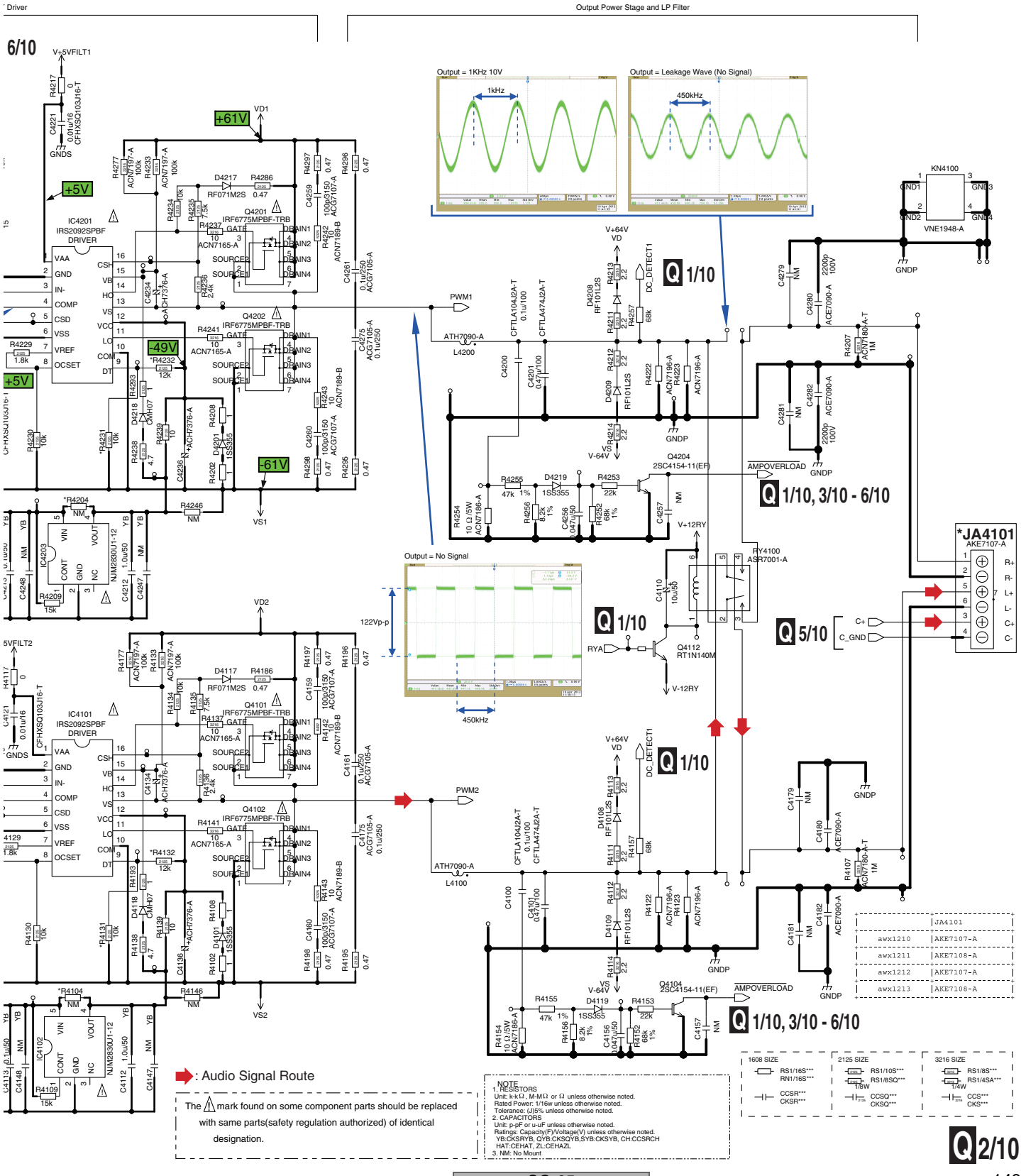
The ⚠ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.



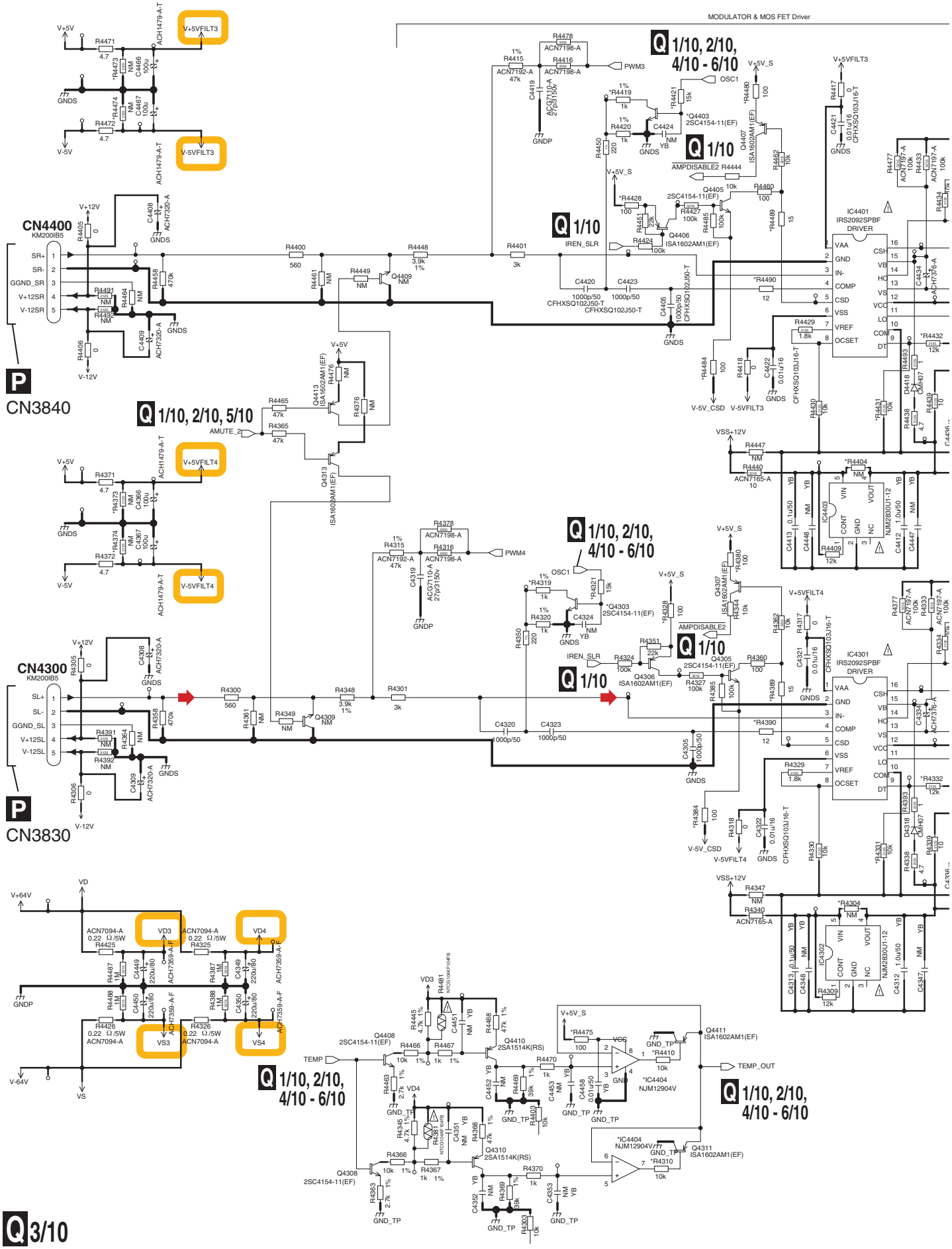
10.32 D-AMP_S ASSY (2/10)



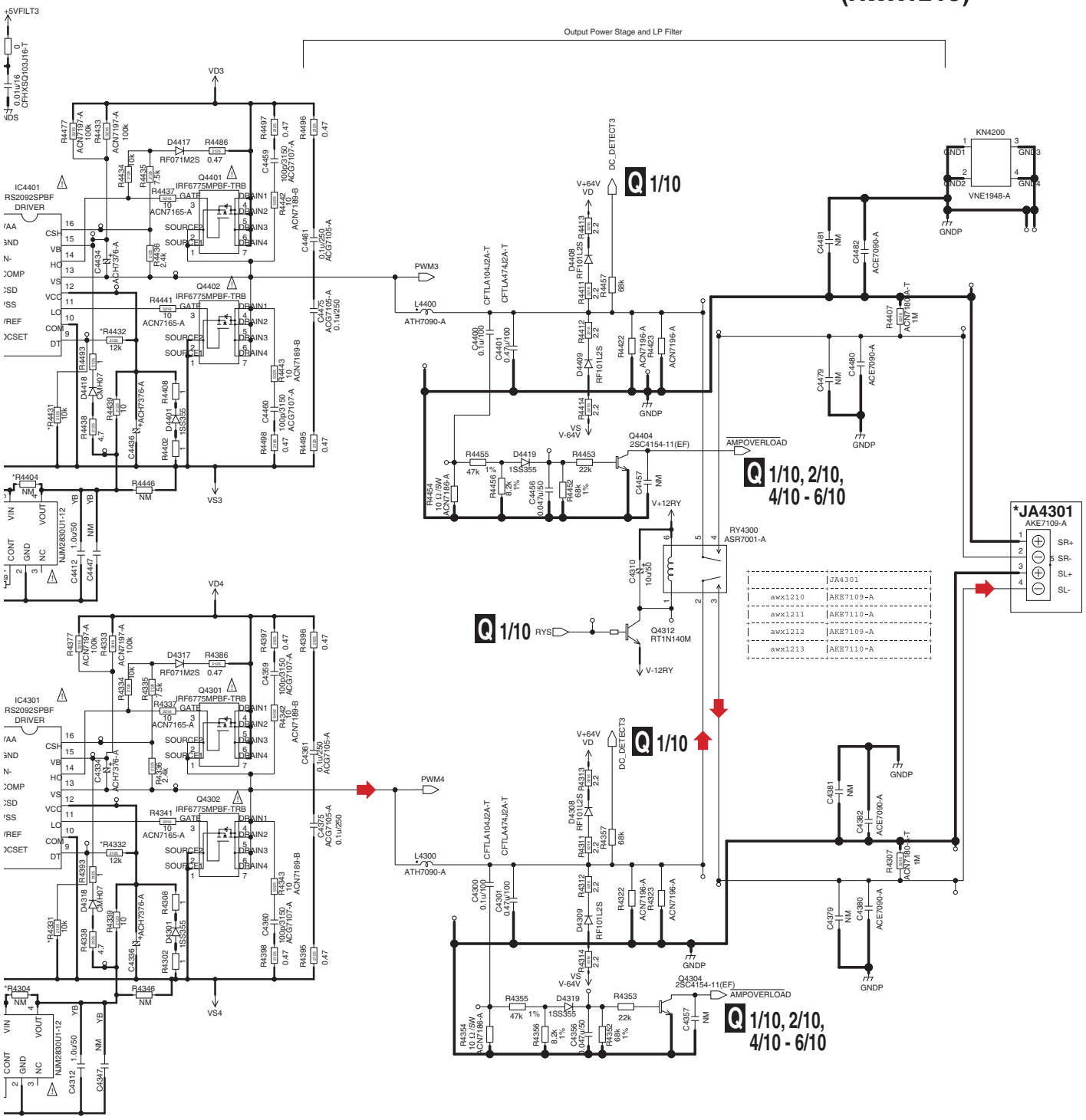
Q2/10 D-AMP_S ASSY (2/10) (AWX1210)



10.33 D-AMP_S ASSY (3/10)



Q3/10 D-AMP_S ASSY (3/10) (AWX1210)



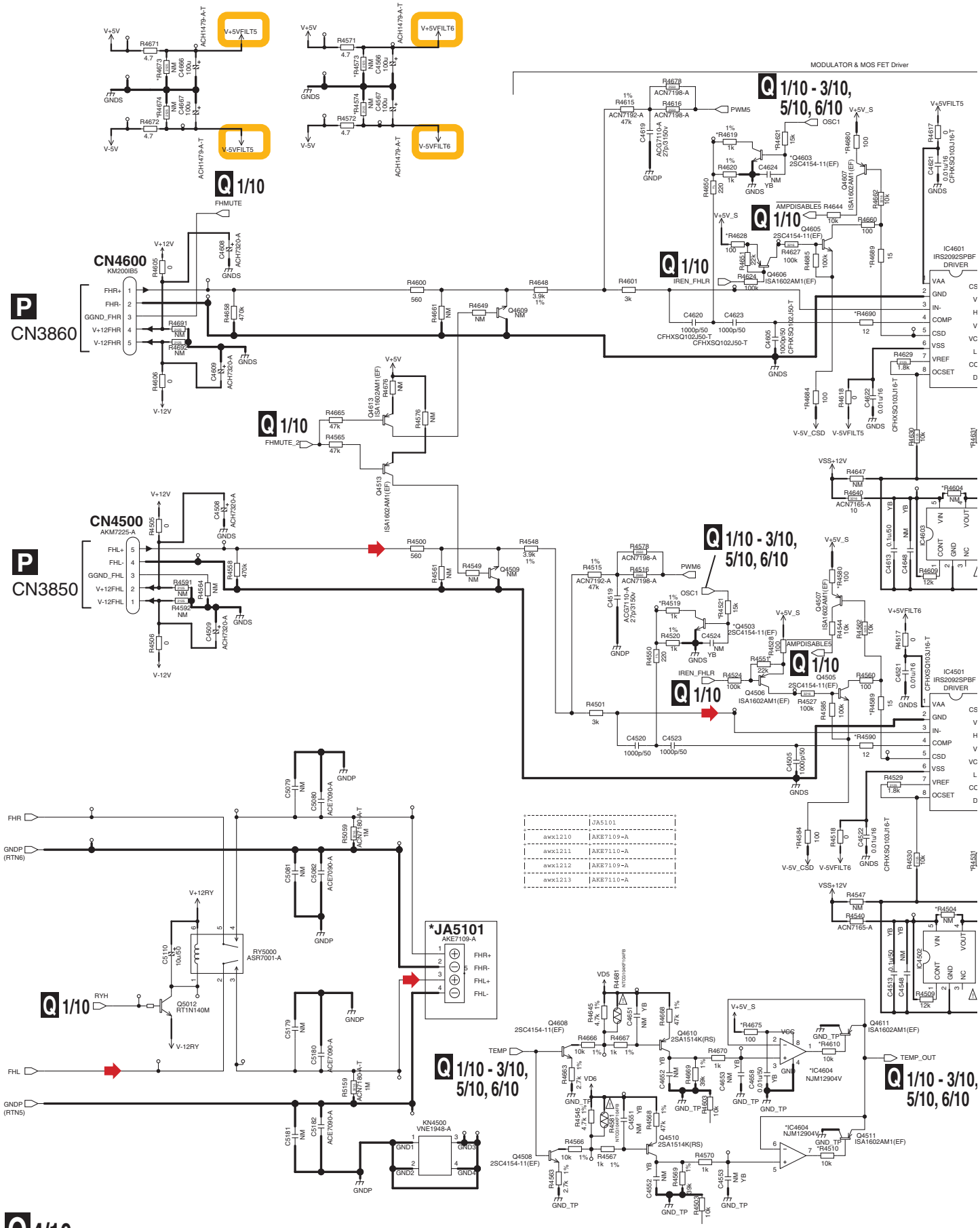
: Audio Signal Route

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

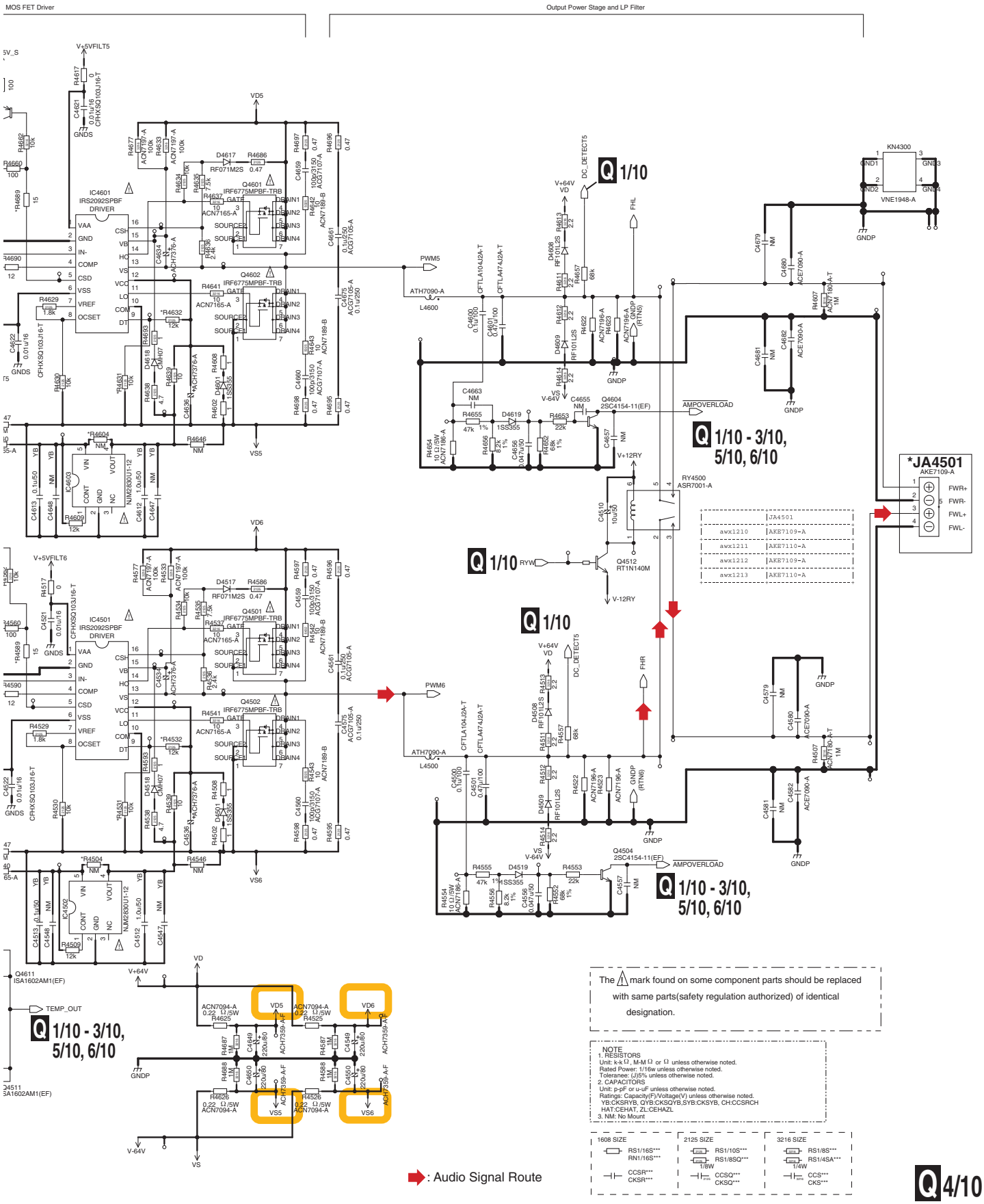
1608 SIZE	2125 SIZE	3216 SIZE
RS1/16S*** RN1/16S***	RS1/10S*** RS1/8SQ*** 1/8W	RS1/8S*** RS1/4SA*** 1/4W
CCSR*** CKSR***	CCSQ*** CKSQ***	CCS*** CKS***

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

10.34 D-AMP_S ASSY (4/10)



Q 4/10 D-AMP_S ASSY (4/10) (AWX1210)

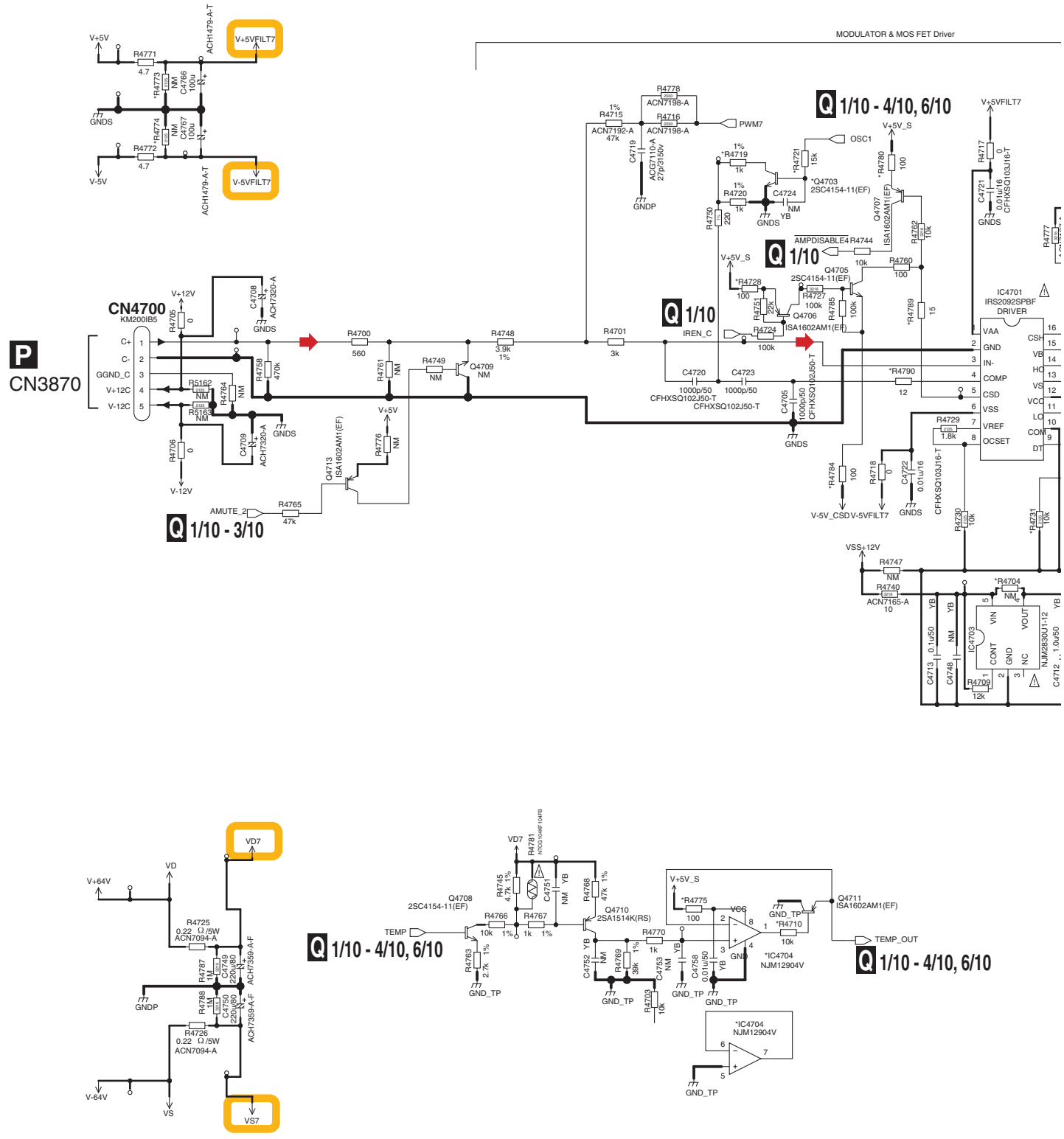


The ⚠ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

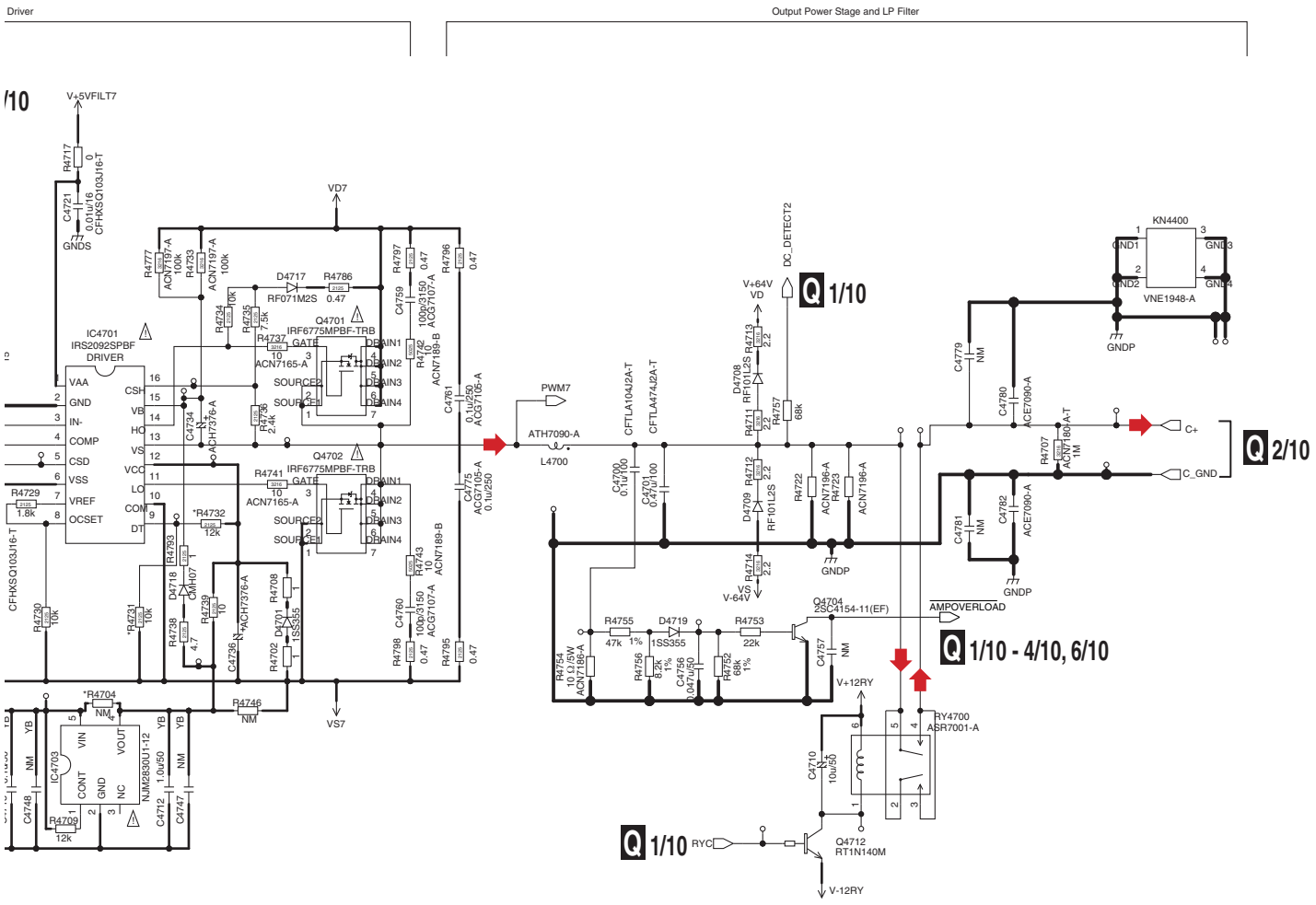
NOTE
1. RESISTORS
Unit: k-k Ω, M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
YB:CKSRYB, QYB:CKSQYB,SYB:CKSYB, CH:CCSRCH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

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

10.35 D-AMP_S ASSY (5/10)



Q5/10 D-AMP_S ASSY (5/10) (AWX1210)



/10, 6/10

: Audio Signal Route

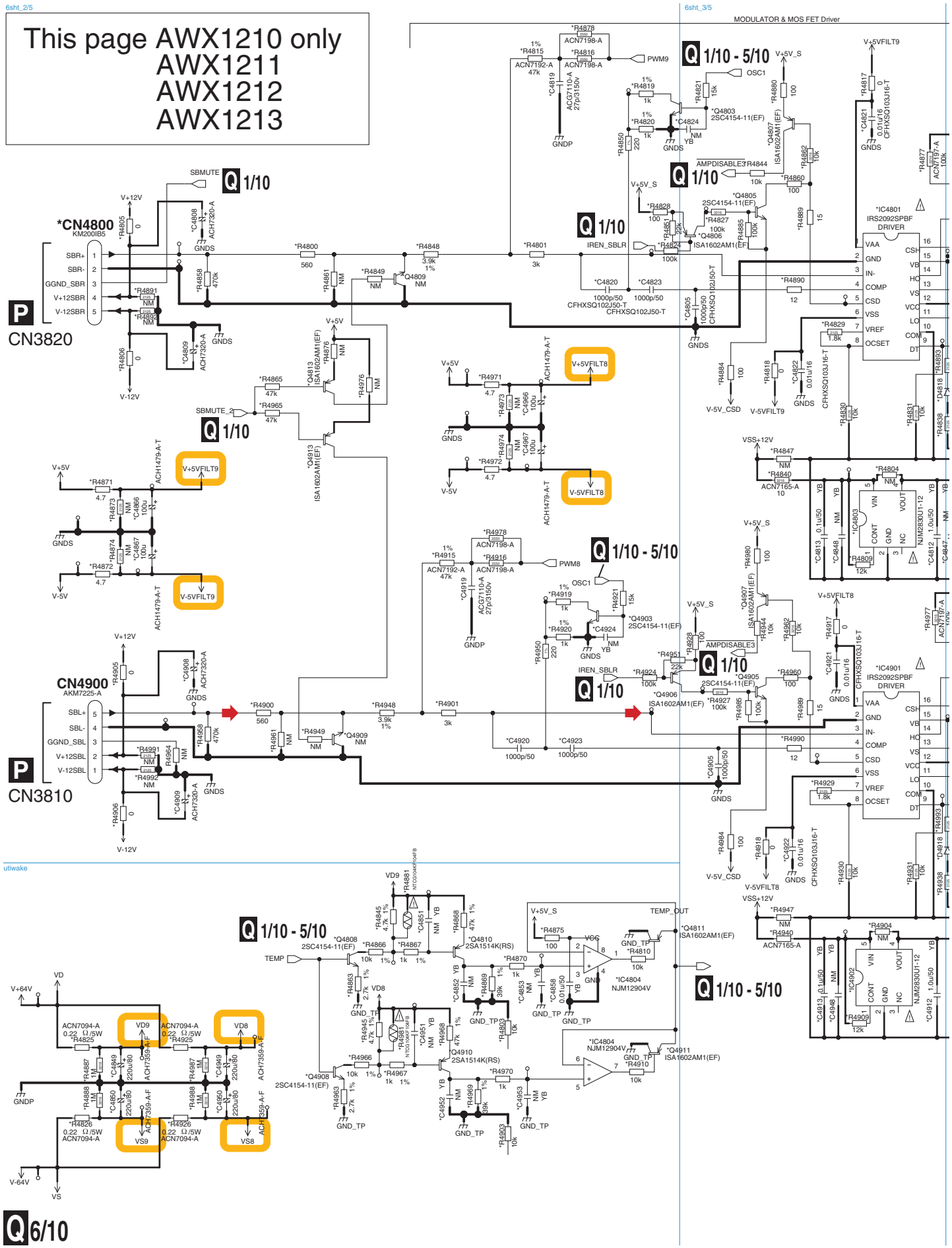
The ⚠ mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

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

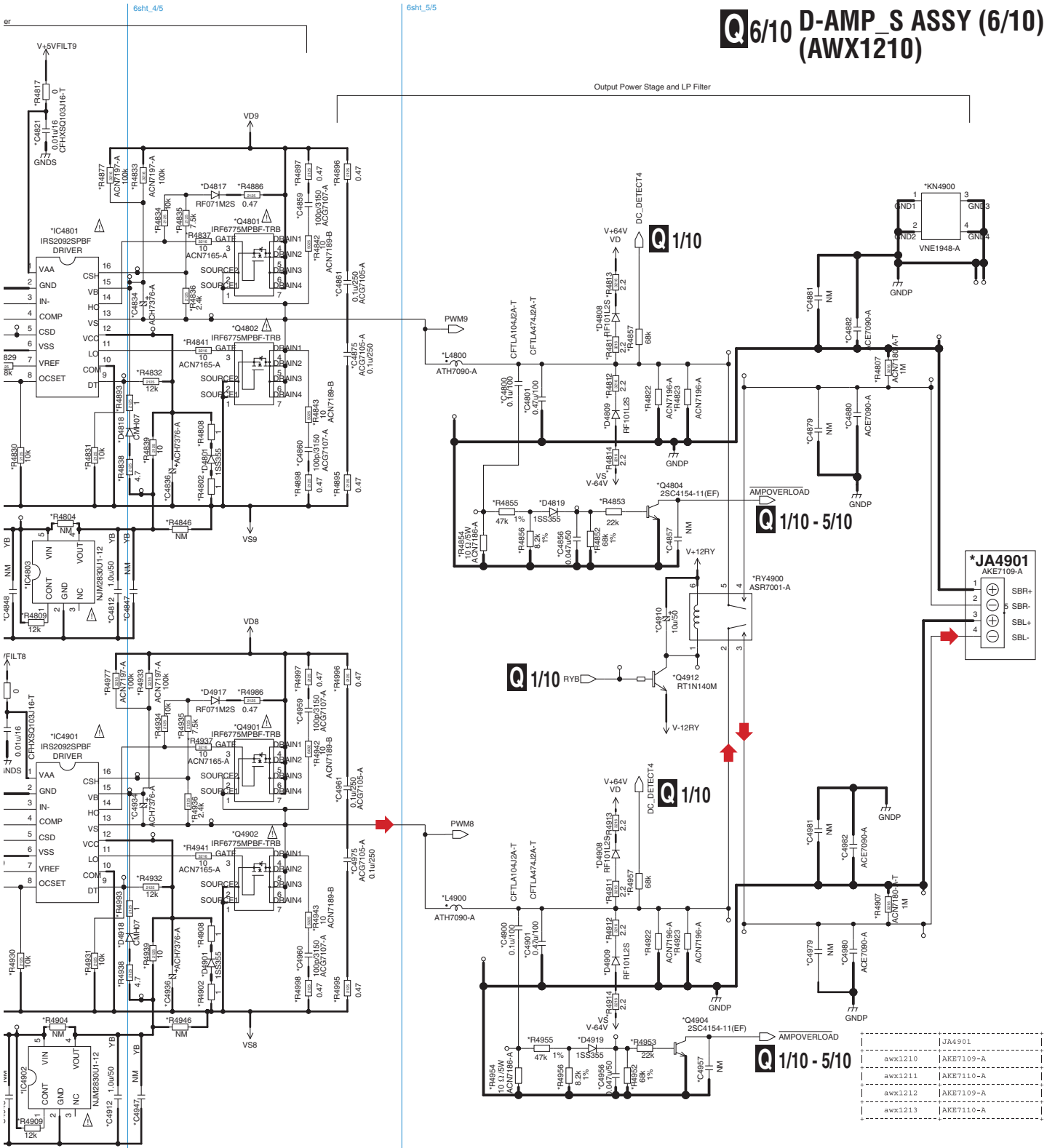
1608 SIZE	2125 SIZE	3216 SIZE
RS1/16S*** RN1/16S***	RS1/10S***	RS1/8S***
	RS1/8SQ*** 1/8W	RS1/4SA*** 1/4W
CCSR*** CKSR***	CCSQ*** CKSQ***	CCS*** CKS***

Q5/10

10.36 D-AMP_S ASSY (6/10)



Q6/10 D-AMP_S ASSY (6/10) (AWX1210)



	JA4901
awx1210	AKE7109-A
awx1211	AKE7110-A
awx1212	AKE7109-A
awx1213	AKE7110-A

Q6/10

10.37 D-AMP_S ASSY (7/10)

1sht

	awx1210	awx1211	awx1212	awx1213
C4017	100p/50	100p/50	100p/50	100p/50
C4018	NM	NM	NM	NM
C4019	NM	NM	NM	NM
C4053	ACH7321-A	ACH7321-A	ACH7321-A	ACH7321-A
C4055	NM	NM	NM	NM
C4084	NM	ACE7082-A	ACE7082-A	NM
C4088	NM	NM	NM	NM
C4091	0.1u/50	0.01u/50	0.01u/50	0.01u/50
C4092	NM	NM	NM	NM
C4093	NM	NM	NM	NM
C4094	NM	NM	NM	NM
R4001	100	120	120	120
R4003	100	120	120	120
R4004	100	120	120	120
R4013	120	120	120	120
R4014	120	120	120	120
R4015	120	120	120	120
R4016	120	120	120	120
R4031	100	100	100	100
R4036	100	100	NM	100
R4037	100	100	NM	100
R4038	10k	10k	NM	10k
R4039	22k	22k	NM	22k
R4041	220k	220k	NM	220k
R4047	NM	NM	NM	NM
R4053	100	100	100	100
R4063	100	100	100	100
R4069	0	10	10	10
R4071	NM	NM	NM	NM
R4072	220k	220k	220k	220k
R4073	27k	27k	27k	27k
R4074	NM	NM	NM	NM
R4075	220k	220k	220k	220k
R4076	27k	27k	27k	27k
R4077	10	10	10	10
R4079	5.6k	5.6k	5.6k	5.6k
R4081	NM	NM	0	NM
R4084	120	120	120	120
R4085	120	120	120	120
R4086	120	120	120	120
R4087	120	120	120	120
R4088	15k	15k	15k	15k
R4095	1.5k	1.5k	1.5k	1.5k
R4097	10	100	100	100
R4098	100	100	100	100
R5006	1M	100k	100k	100k
R5033	10	12	12	12
R5036	15k	15k	15k	15k
R5047	100	100	NM	100
R5048	NM	NM	NM	NM
R5049	NM	NM	NM	NM
R5050	NM	NM	NM	NM
R5051	0	0	0	0
R5052	39k	39k	39k	36k
R5053	39k	39k	39k	36k
R5056	100	120	120	120
R5057	100	120	120	120
R5061	100	120	120	120
R5067	120	120	120	120
R5069	120	120	120	120
R5077	100k	100k	100k	100k
R5078	120k	120k	120k	120k
R5079	NM	NM	NM	NM
R5080	27k	27k	27k	27k
R5081	220k	220k	220k	220k
R5082	100	100	100	100
R5191	0	NM	NM	NM
R5192	NM	0	NM	NM
R5193	NM	NM	0	NM
R5194	NM	NM	NM	0
R5195	NM	NM	NM	NM
R5196	NM	NM	NM	NM
R5197	NM	NM	NM	NM
R5198	NM	NM	NM	NM
IC4905	TC7SET08FUS1	TC7SET08FUS1	TC7SET08FUS1	TC7SET08FUS1
SUBASSY	AWX1210- /J	AWX1211- /J	AWX1212- /J	AWX1213- /J
D4016	1SS355	1SS355	1SS355	1SS355
Q4000	RT1N241M	RT1N241M	NM	RT1N241M
Q4001	ISA1602AM1(EF)	ISA1602AM1(EF)	NM	ISA1602AM1(EF)
Q4002	DTC115EUA	DTC115EUA	DTC115EUA	DTC115EUA
Q4003	DTC115EUA	DTC115EUA	DTC115EUA	DTC115EUA
Q4010	RT1P241M-11	RT1P241M-11	RT1P241M-11	RT1P241M-11
Q4011	RT1N140M	RT1N140M	RT1N140M	RT1N140M
Q4013	HN1A01FU(YGR)	HN1A01FU(YGR)	HN1A01FU(YGR)	HN1A01FU(YGR)
Q4028	HN1C01FU(YGR)	HN1C01FU(YGR)	HN1C01FU(YGR)	HN1C01FU(YGR)
Q4036	DTC115EUA	DTC115EUA	DTC115EUA	DTC115EUA

2sht

R4104	NM
R4110	10k
R4119	1k
R4121	15k
R4128	100
R4131	10k
R4132	12k
R4173	NM
R4174	NM
R4180	100
R4184	100
R4189	15
R4190	12
R4204	NM
R4210	10k
R4219	1k
R4221	15k
R4228	100
R4231	10k
R4232	12k
R4273	NM
R4274	NM
R4275	100
R4280	100
R4284	100
R4289	15
R4290	12
IC4204	NJM12
JA4101	AKE71
Q4103	2SC41
Q4203	2SC41

3sht

R4304	NM
R4310	10k
R4319	1k
R4321	15k
R4328	100
R4331	10k
R4332	12k
R4373	NM
R4374	NM
R4380	100
R4384	100
R4389	15
R4390	12
R4404	NM
R4410	10k
R4419	1k
R4421	15k
R4428	100
R4431	10k
R4432	12k
R4473	NM
R4474	NM
R4475	100
R4480	100
R4484	100
R4489	15
R4490	12
IC4404	NJM1
JA4301	AKE7
Q4303	2SC4
Q4403	2SC4

2sht

	awx1210	awx1211	awx1212	awx1213
R4104	NM	NM	NM	NM
R4110	10k	9.1k	9.1k	9.1k
R4119	1k	1k	NM	1k
R4121	15k	15k	NM	15k
R4128	100	110	110	110
R4131	10k	7.5k	7.5k	7.5k
R4132	12k	8.2k	8.2k	8.2k
R4173	NM	1M	1M	1M
R4174	NM	2.4k	2.4k	2.4k
R4180	100	110	110	110
R4184	100	110	110	110
R4189	15	15	15	15
R4190	12	12	12	12
R4204	NM	NM	NM	NM
R4210	10k	9.1k	9.1k	9.1k
R4219	1k	1k	NM	1k
R4221	15k	15k	NM	15k
R4228	100	110	110	110
R4231	10k	7.5k	7.5k	7.5k
R4232	12k	8.2k	8.2k	8.2k
R4273	NM	1M	1M	1M
R4274	NM	2.4k	2.4k	2.4k
R4275	100	120	120	120
R4280	100	110	110	110
R4284	100	110	110	110
R4289	15	15	15	15
R4290	12	12	12	12
IC4204	NJM12904V	NJM2732V	NJM2732V	NJM2732V
JA4101	AKE7107-A	AKE7108-A	AKE7107-A	AKE7108-A
Q4103	2SC4154-11(EF)	2SC4154-11(EF)	NM	2SC4154-11(EF)
Q4203	2SC4154-11(EF)	2SC4154-11(EF)	NM	2SC4154-11(EF)

3sht

	awx1210	awx1211	awx1212	awx1213
R4304	NM	NM	NM	NM
R4310	10k	9.1k	9.1k	9.1k
R4319	1k	1k	NM	1k
R4321	15k	15k	NM	15k
R4328	100	110	110	110
R4331	10k	7.5k	7.5k	7.5k
R4332	12k	8.2k	8.2k	8.2k
R4373	NM	1M	1M	1M
R4374	NM	2.4k	2.4k	2.4k
R4380	100	110	110	110
R4384	100	110	110	110
R4389	15	15	15	15
R4390	12	12	12	12
R4404	NM	NM	NM	NM
R4410	10k	9.1k	9.1k	9.1k
R4419	1k	1k	NM	1k
R4421	15k	15k	NM	15k
R4428	100	110	110	110
R4431	10k	7.5k	7.5k	7.5k
R4432	12k	8.2k	8.2k	8.2k
R4473	NM	1M	1M	1M
R4474	NM	2.4k	2.4k	2.4k
R4475	100	120	120	120
R4480	100	110	110	110
R4484	100	110	110	110
R4489	15	15	15	15
R4490	12	12	12	12
IC4404	NJM12904V	NJM2732V	NJM2732V	NJM2732V
JA4301	AKE7109-A	AKE7110-A	AKE7109-A	AKE7110-A
Q4303	2SC4154-11(EP)	2SC4154-11(EP)	NM	2SC4154-11(EP)
Q4403	2SC4154-11(EF)	2SC4154-11(EF)	NM	2SC4154-11(EF)

10.38 D-AMP_S ASSY (8/10)

4sht

	awx1210	awx1211	awx1212	awx1213
R4504	NM	NM	NM	NM
R4510	10k	9.1k	9.1k	9.1k
R4519	1k	1k	NM	1k
R4521	15k	15k	NM	15k
R4528	100	110	110	110
R4531	10k	7.5k	7.5k	7.5k
R4532	12k	8.2k	8.2k	8.2k
R4573	NM	1M	1M	1M
R4574	NM	2.4k	2.4k	2.4k
R4580	100	110	110	110
R4584	100	110	110	110
R4589	15	15	15	15
R4590	12	12	12	12
R4604	NM	NM	NM	NM
R4610	10k	9.1k	9.1k	9.1k
R4619	1k	1k	NM	1k
R4621	15k	15k	NM	15k
R4628	100	110	110	110
R4631	10k	7.5k	7.5k	7.5k
R4632	12k	8.2k	8.2k	8.2k
R4673	NM	1M	1M	1M
R4674	NM	2.4k	2.4k	2.4k
R4675	100	120	120	120
R4680	100	110	110	110
R4684	100	110	110	110
R4689	15	15	15	15
R4690	12	12	12	12
IC4604	NJM12904V	NJM2732V	NJM2732V	NJM2732V
JA4501	AKE7109-A	AKE7110-A	AKE7109-A	AKE7110-A
JA5101	AKE7109-A	AKE7110-A	AKE7109-A	AKE7110-A
Q4503	2SC4154-11(EF)	2SC4154-11(EF)	NM	2SC4154-11(EF)
Q4603	2SC4154-11(EF)	2SC4154-11(EF)	NM	2SC4154-11(EF)

5sht

	awx1210	awx1211	awx1212	awx1213
R4704	NM	NM	NM	NM
R4710	10k	9.1k	9.1k	9.1k
R4719	1k	1k	NM	1k
R4721	15k	15k	NM	15k
R4728	100	110	110	110
R4731	10k	7.5k	7.5k	7.5k
R4732	12k	8.2k	8.2k	8.2k
R4773	NM	1M	1M	1M
R4774	NM	2.4k	2.4k	2.4k
R4775	100	120	120	120
R4780	100	110	110	110
R4784	100	110	110	110
R4789	15	15	15	15
R4790	12	12	12	12
IC4704	NJM12904V	NJM2732V	NJM2732V	NJM2732V
Q4703	2SC4154-11(EF)	2SC4154-11(EF)	NM	2SC4154-11(EF)

6sht_1/5

	awx1210	awx1211	awx1212	awx1213
C4849	ACH7359-A	ACH7359-A	ACH7359-A	ACH7359-A
C4850	ACH7359-A	ACH7359-A	ACH7359-A	ACH7359-A
C4851	NM	NM	NM	NM
C4852	NM	NM	NM	NM
C4853	NM	NM	NM	NM
C4858	0.01u/50	0.01u/50	0.01u/50	0.01u/50
C4949	ACH7359-A	ACH7359-A	ACH7359-A	ACH7359-A
C4950	ACH7359-A	ACH7359-A	ACH7359-A	ACH7359-A
C4951	NM	NM	NM	NM
C4952	NM	NM	NM	NM
C4953	NM	NM	NM	NM
R4803	10k	10k	10k	10k
R4810	10k	9.1k	9.1k	9.1k
R4825	ACN7094-A	ACN7094-A	ACN7094-A	ACN7094-A
R4826	ACN7094-A	ACN7094-A	ACN7094-A	ACN7094-A
R4845	4.7k	4.7k	4.7k	4.7k
R4863	2.7k	2.7k	2.7k	2.7k
R4866	10k	10k	10k	10k
R4867	1k	1k	1k	1k
R4868	47k	47k	47k	47k
R4869	39k	39k	39k	39k
R4870	1k	1k	1k	1k
R4875	100	120	120	120
R4887	1M	1M	1M	1M
R4888	1M	1M	1M	1M
R4903	10k	10k	10k	10k
R4910	10k	9.1k	9.1k	9.1k
R4925	ACN7094-A	ACN7094-A	ACN7094-A	ACN7094-A
R4926	ACN7094-A	ACN7094-A	ACN7094-A	ACN7094-A
R4945	4.7k	4.7k	4.7k	4.7k
R4963	2.7k	2.7k	2.7k	2.7k
R4966	10k	10k	10k	10k
R4967	1k	1k	1k	1k
R4968	47k	47k	47k	47k
R4969	39k	39k	39k	39k
R4970	1k	1k	1k	1k
R4987	1M	1M	1M	1M
R4988	1M	1M	1M	1M
R4881	NTCG104KF104FB	NTCG104KF104FB	NTCG104KF104FB	NTCG104KF104FB
R4981	NTCG104KF104FB	NTCG104KF104FB	NTCG104KF104FB	NTCG104KF104FB
IC4804	NJM12904V	NJM2732V	NJM2732V	NJM2732V
Q4808	2SC4154-11(EF)	2SC4154-11(EF)	2SC4154-11(EF)	2SC4154-11(EF)
Q4810	2SA1514K(RS)	2SA1514K(RS)	2SA1514K(RS)	2SA1514K(RS)
Q4811	ISA1602AM1(EF)	ISA1602AM1(EF)	ISA1602AM1(EF)	ISA1602AM1(EF)
Q4908	2SC4154-11(EF)	2SC4154-11(EF)	2SC4154-11(EF)	2SC4154-11(EF)
Q4910	2SA1514K(RS)	2SA1514K(RS)	2SA1514K(RS)	2SA1514K(RS)
Q4911	ISA1602AM1(EF)	ISA1602AM1(EF)	ISA1602AM1(EF)	ISA1602AM1(EF)

10.39 D-AMP_S ASSY (9/10)

6sht_2/5

	awx1210	awx1211	awx1212	awx1213
C4808	ACH7320-A	ACH7320-A	ACH7320-A	ACH7320-A
C4809	ACH7320-A	ACH7320-A	ACH7320-A	ACH7320-A
C4819	ACG7110-A	ACG7110-A	ACG7110-A	ACG7110-A
C4820	1000p/50	1000p/50	1000p/50	1000p/50
C4823	1000p/50	1000p/50	1000p/50	1000p/50
C4866	ACH1479-A	ACH1479-A	ACH1479-A	ACH1479-A
C4867	ACH1479-A	ACH1479-A	ACH1479-A	ACH1479-A
C4908	ACH7320-A	ACH7320-A	ACH7320-A	ACH7320-A
C4909	ACH7320-A	ACH7320-A	ACH7320-A	ACH7320-A
C4919	ACG7110-A	ACG7110-A	ACG7110-A	ACG7110-A
C4920	1000p/50	1000p/50	1000p/50	1000p/50
C4923	1000p/50	1000p/50	1000p/50	1000p/50
C4924	NM	NM	NM	NM
C4966	ACH1479-A	ACH1479-A	ACH1479-A	ACH1479-A
C4967	ACH1479-A	ACH1479-A	ACH1479-A	ACH1479-A
R4800	560	560	560	560
R4801	3k	3k	3k	3k
R4805	0	0	0	0
R4806	0	0	0	0
R4815	ACN7192-A	ACN7192-A	ACN7192-A	ACN7192-A
R4816	ACN7198-A	ACN7198-A	ACN7198-A	ACN7198-A
R4819	1k	1k	NM	1k
R4820	1k	1k	1k	1k
R4828	100	110	110	110
R4848	3.9k	3.9k	3.9k	3.9k
R4849	NM	NM	NM	NM
R4850	220	220	220	220
R4851	22k	22k	22k	22k
R4858	470k	470k	470k	470k
R4861	NM	NM	NM	NM
R4865	47k	47k	47k	47k
R4871	4.7	4.7	4.7	4.7
R4872	4.7	4.7	4.7	4.7
R4873	NM	1M	1M	1M
R4874	NM	2.4k	2.4k	2.4k
R4876	NM	NM	NM	NM
R4878	ACN7198-A	ACN7198-A	ACN7198-A	ACN7198-A
R4891	NM	NM	NM	NM
R4892	NM	NM	NM	NM
R4900	560	560	560	560
R4901	3k	3k	3k	3k
R4905	0	0	0	0
R4906	0	0	0	0
R4915	ACN7192-A	ACN7192-A	ACN7192-A	ACN7192-A
R4916	ACN7198-A	ACN7198-A	ACN7198-A	ACN7198-A
R4919	1k	1k	NM	1k
R4920	1k	1k	1k	1k
R4921	15k	15k	NM	15k
R4924	100k	100k	100k	100k
R4948	3.9k	3.9k	3.9k	3.9k
R4949	NM	NM	NM	NM
R4950	220	220	220	220
R4958	470k	470k	470k	470k
R4961	NM	NM	NM	NM
R4965	47k	47k	47k	47k
R4971	4.7	4.7	4.7	4.7
R4972	4.7	4.7	4.7	4.7
R4973	NM	1M	1M	1M
R4974	NM	2.4k	2.4k	2.4k
R4976	NM	NM	NM	NM
R4978	ACN7198-A	ACN7198-A	ACN7198-A	ACN7198-A
R4991	NM	NM	NM	NM
R4992	NM	NM	NM	NM
CN4800	KM200IB5	KM200IB5	KM200IB5	KM200IB5
Q4809	NM	NM	NM	NM
Q4813	ISA1602AM1(EP)	ISA1602AM1(EP)	ISA1602AM1(EP)	ISA1602AM1(EP)
Q4903	2SC4154-11(EP)	2SC4154-11(EP)	NM	2SC4154-11(EP)
Q4909	NM	NM	NM	NM
Q4913	ISA1602AM1(EP)	ISA1602AM1(EP)	ISA1602AM1(EP)	ISA1602AM1(EP)

6sht_3/5

	awx1210	awx1211	awx1212	awx1213
C4805	1000p/50	1000p/50	1000p/50	1000p/50
C4812	1.0u/50	1.0u/50	1.0u/50	1.0u/50
C4813	0.1u/50	0.1u/50	0.1u/50	0.1u/50
C4821	0.01u/16	0.01u/16	0.01u/16	0.01u/16
C4822	0.01u/16	0.01u/16	0.01u/16	0.01u/16
C4848	NM	NM	NM	NM
C4905	1000p/50	1000p/50	1000p/50	1000p/50
C4912	1.0u/50	1.0u/50	1.0u/50	1.0u/50
C4913	0.1u/50	0.1u/50	0.1u/50	0.1u/50
C4921	0.01u/16	0.01u/16	0.01u/16	0.01u/16
C4922	0.01u/16	0.01u/16	0.01u/16	0.01u/16
C4948	NM	NM	NM	NM
R4804	NM	NM	NM	NM
R4809	12k	12k	12k	12k
R4817	0	0	0	0
R4818	0	0	0	0
R4821	15k	15k	NM	15k
R4827	100k	100k	100k	100k
R4829	1.8k	1.8k	1.8k	1.8k
R4830	10k	10k	10k	10k
R4831	10k	7.5k	7.5k	7.5k
R4840	ACN7165-A	ACN7165-A	ACN7165-A	ACN7165-A
R4844	10k	10k	10k	10k
R4847	NM	NM	NM	NM
R4860	100	100	100	100
R4862	10k	10k	10k	10k
R4877	ACN7197-A	ACN7197-A	ACN7197-A	ACN7197-A
R4880	100	110	110	110
R4884	100	110	110	110
R4885	100k	100k	100k	100k
R4889	15	15	15	15
R4890	12	12	12	12
R4904	NM	NM	NM	NM
R4909	12k	12k	12k	12k
R4917	0	0	0	0
R4918	0	0	0	0
R4927	100k	100k	100k	100k
R4928	100	110	110	110
R4929	1.8k	1.8k	1.8k	1.8k
R4930	10k	10k	10k	10k
R4931	10k	7.5k	7.5k	7.5k
R4940	ACN7165-A	ACN7165-A	ACN7165-A	ACN7165-A
R4944	10k	10k	10k	10k
R4947	NM	NM	NM	NM
R4960	100	100	100	100
R4962	10k	10k	10k	10k
R4977	ACN7197-A	ACN7197-A	ACN7197-A	ACN7197-A
R4980	100	110	110	110
R4984	100	110	110	110
R4985	100k	100k	100k	100k
R4989	15	15	15	15
R4990	12	12	12	12
IC4801	IRS2092SPBF	IRS2092SPBF	IRS2092SPBF	IRS2092SPBF
IC4803	NJM2830U1-12	NJM2830U1-12	NJM2830U1-12	NJM2830U1-12
IC4901	IRS2092SPBF	IRS2092SPBF	IRS2092SPBF	IRS2092SPBF
IC4902	NJM2830U1-12	NJM2830U1-12	NJM2830U1-12	NJM2830U1-12
Q4805	2SC4154-11(EF)	2SC4154-11(EF)	2SC4154-11(EF)	2SC4154-11(EF)
Q4806	ISA1602AM1(EF)	ISA1602AM1(EF)	ISA1602AM1(EF)	ISA1602AM1(EF)
Q4807	ISA1602AM1(EF)	ISA1602AM1(EF)	ISA1602AM1(EF)	ISA1602AM1(EF)
Q4905	2SC4154-11(EF)	2SC4154-11(EF)	2SC4154-11(EF)	2SC4154-11(EF)
Q4907	ISA1602AM1(EF)	ISA1602AM1(EF)	ISA1602AM1(EF)	ISA1602AM1(EF)

10.40 D-AMP_S ASSY (10/10)

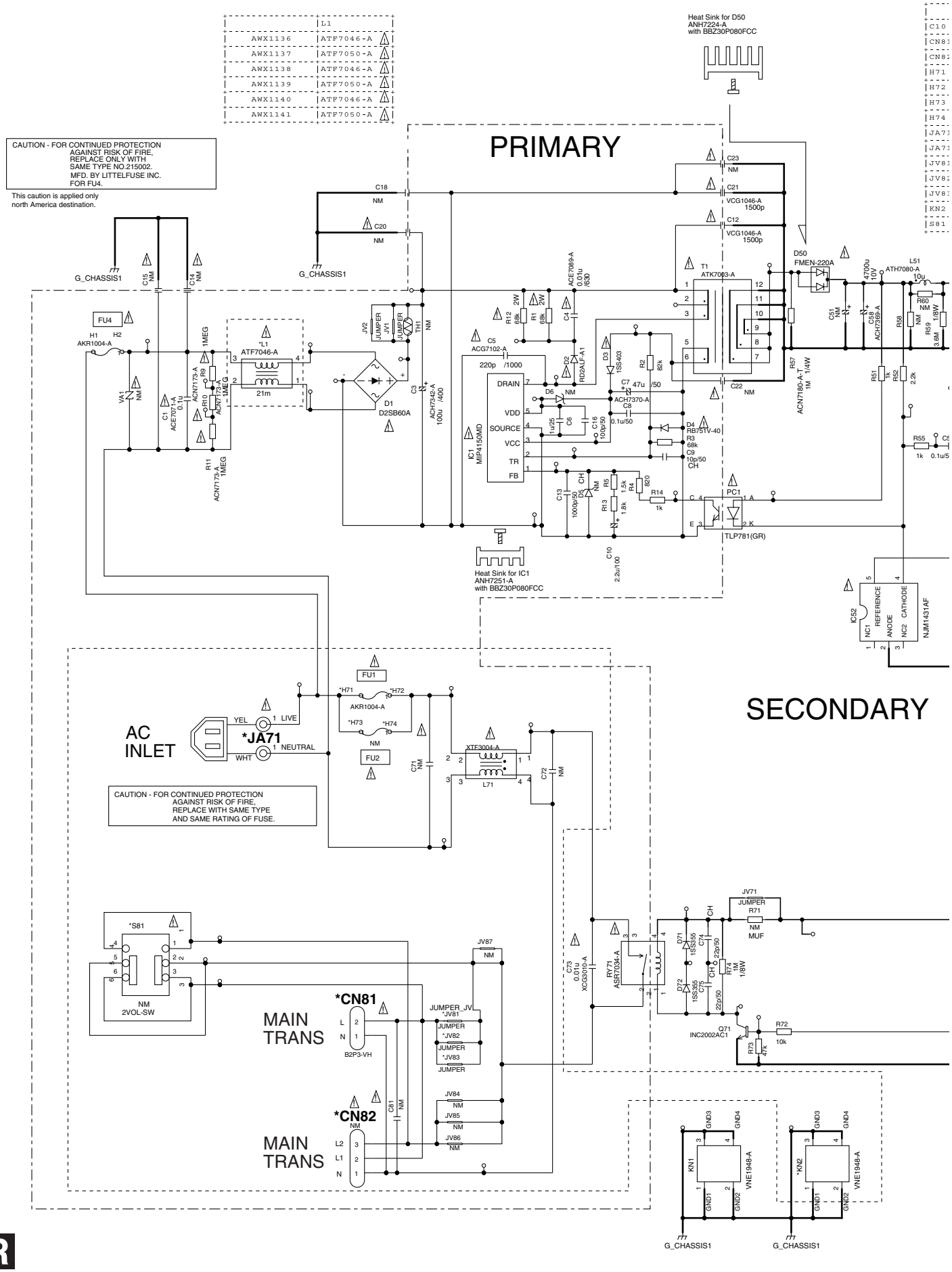
6sht_4/5

	awx1210	awx1211	awx1212	awx1213
C4834	ACH7376-A	ACH7376-A	ACH7376-A	ACH7376-A
C4836	ACH7376-A	ACH7376-A	ACH7376-A	ACH7376-A
C4847	NM	NM	NM	NM
C4859	ACG7107-A	ACG7107-A	ACG7107-A	ACG7107-A
C4860	ACG7107-A	ACG7107-A	ACG7107-A	ACG7107-A
C4861	ACG7105-A	ACG7105-A	ACG7105-A	ACG7105-A
C4875	ACG7105-A	ACG7105-A	ACG7105-A	ACG7105-A
C4934	ACH7376-A	ACH7376-A	ACH7376-A	ACH7376-A
C4936	ACH7376-A	ACH7376-A	ACH7376-A	ACH7376-A
C4947	NM	NM	NM	NM
C4959	ACG7107-A	ACG7107-A	ACG7107-A	ACG7107-A
C4960	ACG7107-A	ACG7107-A	ACG7107-A	ACG7107-A
C4961	ACG7105-A	ACG7105-A	ACG7105-A	ACG7105-A
C4975	ACG7105-A	ACG7105-A	ACG7105-A	ACG7105-A
R4802	1	1	1	1
R4808	1	1	1	1
R4832	12k	8.2k	8.2k	8.2k
R4833	ACN7197-A	ACN7197-A	ACN7197-A	ACN7197-A
R4834	10k	10k	10k	10k
R4835	7.5k	7.5k	7.5k	7.5k
R4836	2.4k	2.4k	2.4k	2.4k
R4837	ACN7165-A	ACN7165-A	ACN7165-A	ACN7165-A
R4839	10	10	10	10
R4841	ACN7165-A	ACN7165-A	ACN7165-A	ACN7165-A
R4842	ACN7189-B	ACN7189-B	ACN7189-B	ACN7189-B
R4843	ACN7189-B	ACN7189-B	ACN7189-B	ACN7189-B
R4846	NM	NM	NM	NM
R4886	0.47	0.47	0.47	0.47
R4895	0.47	0.47	0.47	0.47
R4896	0.47	0.47	0.47	0.47
R4897	0.47	0.47	0.47	0.47
R4898	0.47	0.47	0.47	0.47
R4902	1	1	1	1
R4908	1	1	1	1
R4932	12k	8.2k	8.2k	8.2k
R4933	ACN7197-A	ACN7197-A	ACN7197-A	ACN7197-A
R4934	10k	10k	10k	10k
R4935	7.5k	7.5k	7.5k	7.5k
R4936	2.4k	2.4k	2.4k	2.4k
R4937	ACN7165-A	ACN7165-A	ACN7165-A	ACN7165-A
R4939	10	10	10	10
R4941	ACN7165-A	ACN7165-A	ACN7165-A	ACN7165-A
R4942	ACN7189-B	ACN7189-B	ACN7189-B	ACN7189-B
R4943	ACN7189-B	ACN7189-B	ACN7189-B	ACN7189-B
R4946	NM	NM	NM	NM
R4986	0.47	0.47	0.47	0.47
R4995	0.47	0.47	0.47	0.47
R4996	0.47	0.47	0.47	0.47
R4997	0.47	0.47	0.47	0.47
R4998	0.47	0.47	0.47	0.47
D4801	1SS355	1SS355	1SS355	1SS355
D4817	RF071M2S	RF071M2S	RF071M2S	RF071M2S
D4901	1SS355	1SS355	1SS355	1SS355
D4917	RF071M2S	RF071M2S	RF071M2S	RF071M2S
Q4801	IRF6775MPBF	IRF6775MPBF	IRF6775MPBF	IRF6775MPBF
Q4802	IRF6775MPBF	IRF6775MPBF	IRF6775MPBF	IRF6775MPBF
Q4901	IRF6775MPBF	IRF6775MPBF	IRF6775MPBF	IRF6775MPBF
Q4902	IRF6775MPBF	IRF6775MPBF	IRF6775MPBF	IRF6775MPBF

6sht_5/5

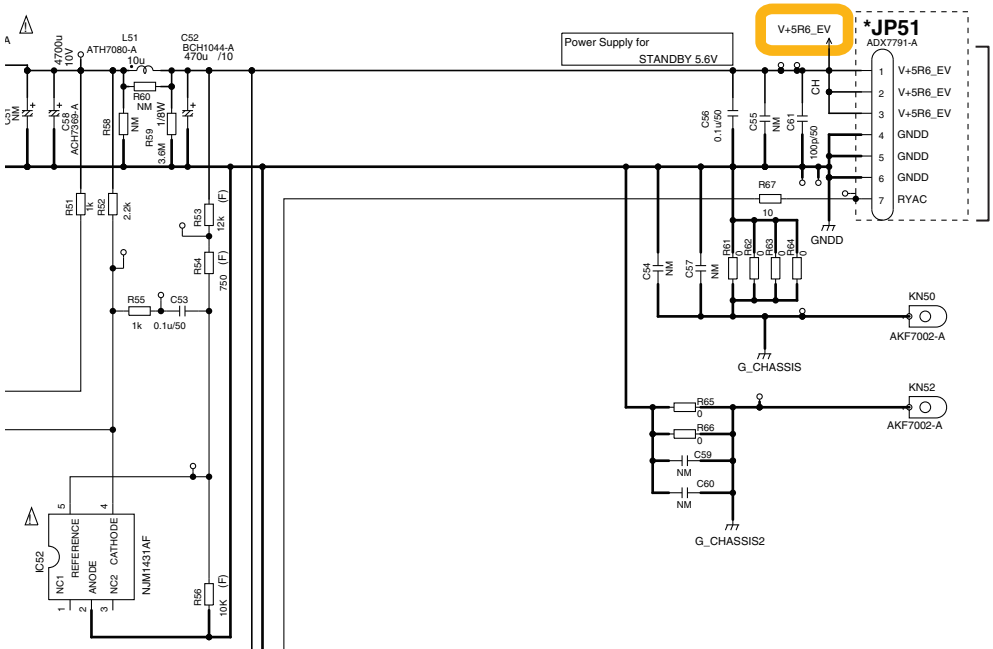
	awx1210	awx1211	awx1212	awx1213
C4800	0.1u/100	0.1u/100	0.1u/100	0.1u/100
C4801	0.47u/100	0.47u/100	0.47u/100	0.47u/100
C4856	0.047u/50	0.047u/50	0.047u/50	0.047u/50
C4857	NM	NM	NM	NM
C4879	NM	NM	NM	NM
C4880	ACE7090-A	ACE7090-A	ACE7090-A	ACE7090-A
C4881	NM	NM	NM	NM
C4882	ACE7090-A	ACE7090-A	ACE7090-A	ACE7090-A
C4900	0.1u/100	0.1u/100	0.1u/100	0.1u/100
C4901	0.47u/100	0.47u/100	0.47u/100	0.47u/100
C4910	10u/50	10u/50	10u/50	10u/50
C4956	0.047u/50	0.047u/50	0.047u/50	0.047u/50
C4957	NM	NM	NM	NM
C4979	NM	NM	NM	NM
C4980	ACE7090-A	ACE7090-A	ACE7090-A	ACE7090-A
C4981	NM	NM	NM	NM
C4982	ACE7090-A	ACE7090-A	ACE7090-A	ACE7090-A
R4807	1M	1M	1M	1M
R4811	2.2	2.2	2.2	2.2
R4812	2.2	2.2	2.2	2.2
R4813	2.2	2.2	2.2	2.2
R4814	2.2	2.2	2.2	2.2
R4822	ACN7196-A	ACN7196-A	ACN7196-A	ACN7196-A
R4823	ACN7196-A	ACN7196-A	ACN7196-A	ACN7196-A
R4852	68k	68k	68k	68k
R4853	22k	22k	22k	22k
R4854	ACN7186-A	ACN7186-A	ACN7186-A	ACN7186-A
R4855	47k	47k	47k	47k
R4856	8.2k	8.2k	8.2k	8.2k
R4857	68k	68k	68k	68k
R4907	1M	1M	1M	1M
R4911	2.2	2.2	2.2	2.2
R4912	2.2	2.2	2.2	2.2
R4913	2.2	2.2	2.2	2.2
R4914	2.2	2.2	2.2	2.2
R4922	ACN7196-A	ACN7196-A	ACN7196-A	ACN7196-A
R4923	ACN7196-A	ACN7196-A	ACN7196-A	ACN7196-A
R4952	68k	68k	68k	68k
R4953	22k	22k	22k	22k
R4954	ACN7186-A	ACN7186-A	ACN7186-A	ACN7186-A
R4955	47k	47k	47k	47k
R4956	8.2k	8.2k	8.2k	8.2k
R4957	68k	68k	68k	68k
L4800	ATH7090-A	ATH7090-A	ATH7090-A	ATH7090-A
L4900	ATH7090-A	ATH7090-A	ATH7090-A	ATH7090-A
D4808	RF101L2S	RF101L2S	RF101L2S	RF101L2S
D4809	RF101L2S	RF101L2S	RF101L2S	RF101L2S
D4819	1SS355	1SS355	1SS355	1SS355
D4908	RF101L2S	RF101L2S	RF101L2S	RF101L2S
D4909	RF101L2S	RF101L2S	RF101L2S	RF101L2S
D4919	1SS355	1SS355	1SS355	1SS355
JA4901	AKE7109-A	AKE7110-A	AKE7109-A	AKE7110-A
KN4900	VNE1948-A	VNE1948-A	VNE1948-A	VNE1948-A
Q4804	2SC4154-11(EF)	2SC4154-11(EF)	2SC4154-11(EF)	2SC4154-11(EF)
Q4904	2SC4154-11(EF)	2SC4154-11(EF)	2SC4154-11(EF)	2SC4154-11(EF)
Q4912	RT1N140M	RT1N140M	RT1N140M	RT1N140M
RY4900	ASR7001-A	ASR7001-A	ASR7001-A	ASR7001-A

10.41 PRIMARY ASSY



R PRIMARY ASSY (AWX1136)

	AWX1136	AWX1137	AWX1138	AWX1139	AWX1140	AWX1141
C10	2.2u/100	2.2u/100	2.2u/100	2.2u/100	2.2u/100	2.2u/100
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	AKR1004-A	AKR1004-A	AKR1004-A	AKR1004-A
H72	AKR1004-A	AKR1004-A	AKR1004-A	AKR1004-A	AKR1004-A	AKR1004-A
H73	NM	NM	NM	NM	NM	NM
H74	NM	NM	NM	NM	NM	NM
JA71	ADX7513-A ⚠	ADX7513-A ⚠	ADX7513-A ⚠	ADX7513-A ⚠	ADX7513-A ⚠	ADX7464-B ⚠
JA71_1	ADX7513-A_1 ⚠	ADX7513-A_1 ⚠	ADX7513-A_1 ⚠	ADX7513-A_1 ⚠	ADX7513-A_1 ⚠	ADX7464-B_1 ⚠
JV81	JUMPER	JUMPER	JUMPER	NM	JUMPER	JUMPER
JV82	JUMPER	JUMPER	JUMPER	NM	JUMPER	JUMPER
JV83	JUMPER	JUMPER	JUMPER	NM	JUMPER	JUMPER
KN2	VNE1948-A	VNE1948-A	VNE1948-A	NM	VNE1948-A	VNE1948-A
S81	NM	NM	NM	AKX7020-A ⚠	NM	NM

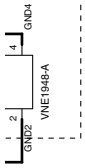


	JP51
AWX1136	ADX7791-A
AWX1137	ADX7791-A
AWX1138	ADX7791-A
AWX1139	ADX7791-A
AWX1140	ADX7791-A
AWX1141	ADX7791-A

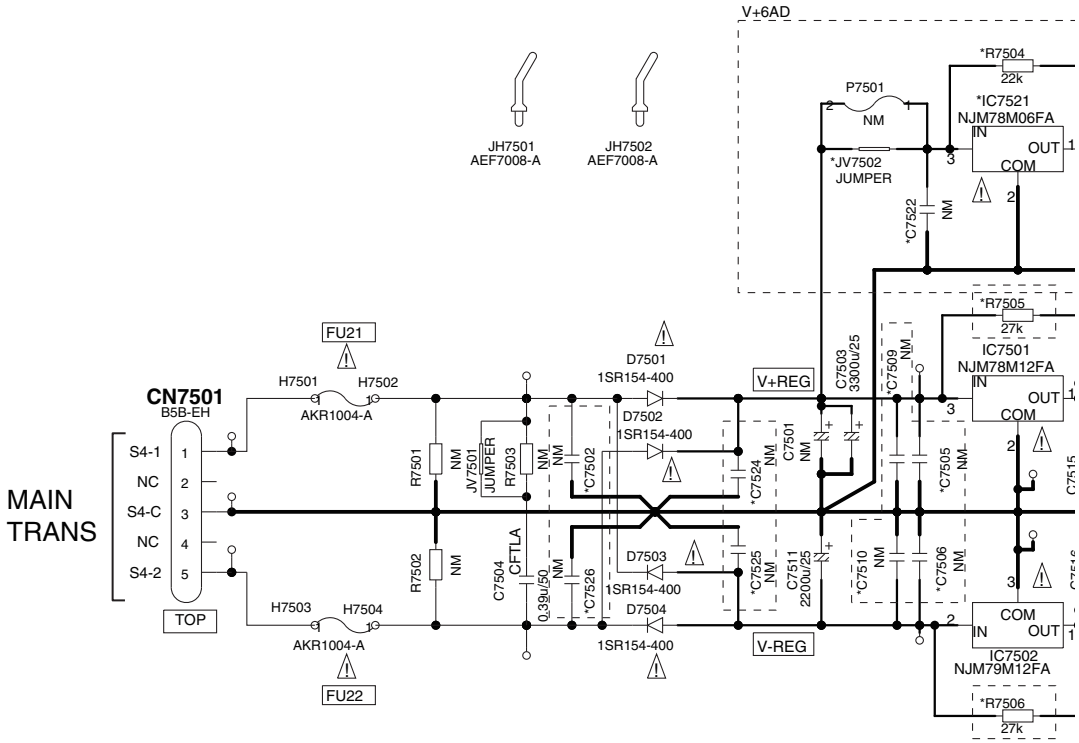
NDARY

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
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



10.42 A-REG ASSY



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

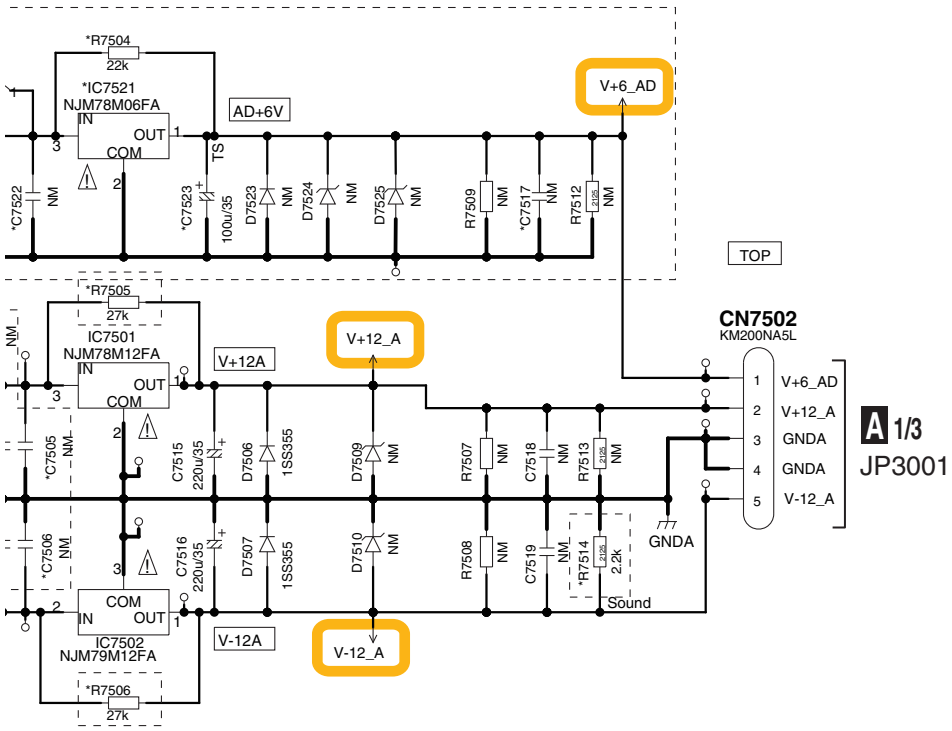
CAUTION-
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

NOTE

1.RESISTORS
Unit: k-kΩ , M-MΩ or Ω unless otherwise noted.
Rated power: 1/10W unless otherwise noted.
Tolerance: (J) ±5% unless otherwise noted.
2125 : RS1/8SQ
MUF : RS1/4MUF

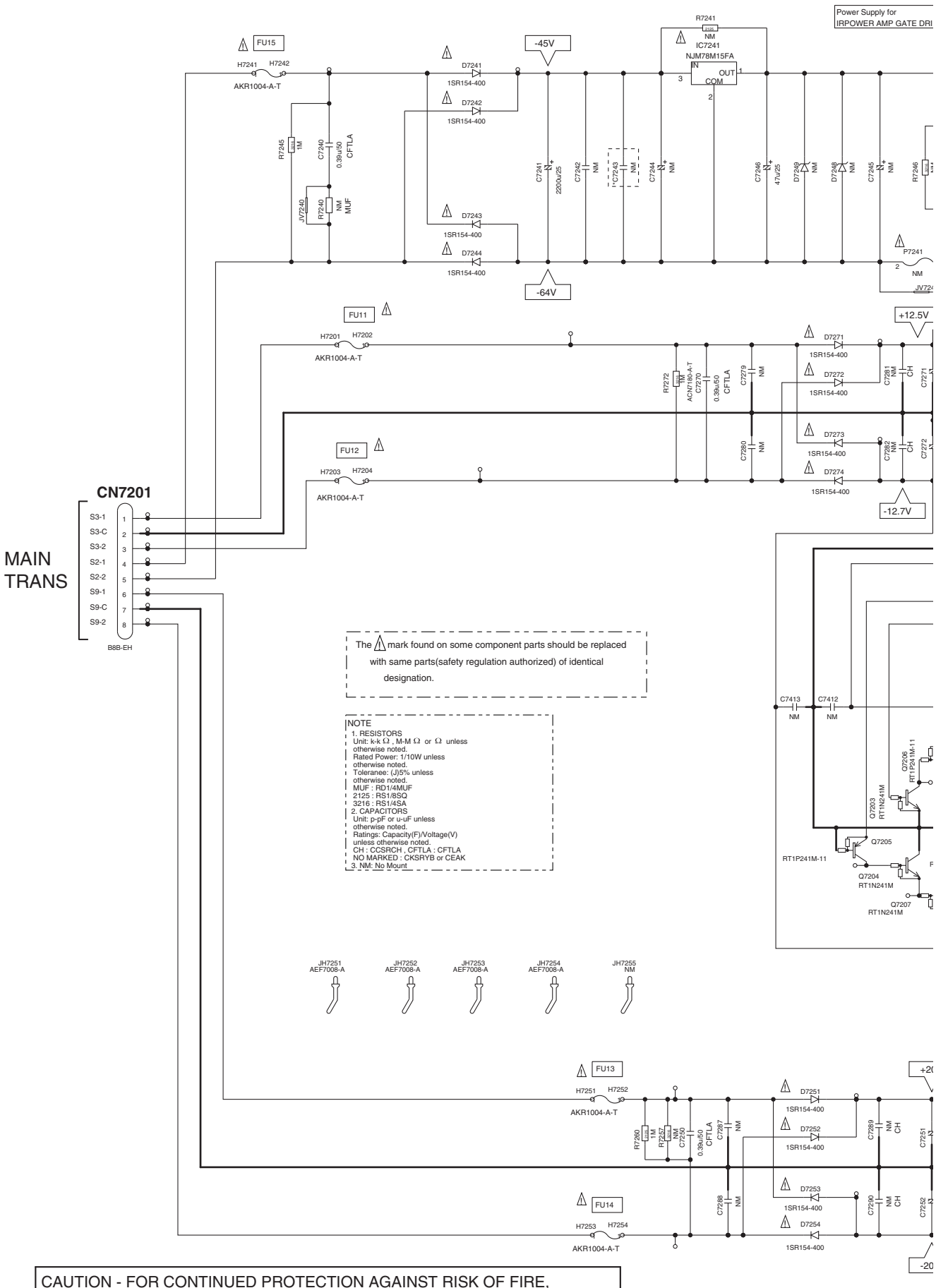
2.CAPACITORS
Unit: p-pF, or μF unless otherwise noted.
Ratings: Capacity(μF)/Voltage(V) unless otherwise noted.
NP : CEANP
CFTLA ; CFTLA
AK : CEAK
NO MARKED : CEAT or CKSRYB

3. NM : NO MOUNT



	SEL-H/Cu (AWX1162)	Except SEL-H/J,Cu (AWX1300)	SEL-H/J (AWX1309)
R7504	22k	22k	22k
R7505	33k	33k	27k
R7506	33k	33k	27k
R7514	2.2k	2.2k	2.2k
C7502	0.047u/50	NM	NM
C7505	0.01u/50	NM	NM
C7506	0.01u/50	NM	NM
C7509	0.1u/50	NM	NM
C7510	0.1u/50	NM	NM
C7517	0.1u/50	NM	NM
C7522	0.01u/50	NM	NM
C7523	100u/35	100u/35	100u/35
C7524	0.047u/50	NM	NM
C7525	0.047u/50	NM	NM
C7526	0.047u/50	NM	NM
IC7521	NJM78M06FA	NJM78M06FA	NJM78M06FA
JV7502	JUMPER	JUMPER	JUMPER

10.43 IR REG ASSY (1/2)



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

T 1/2 IR REG ASSY (1/2) (AWX1283)

	AWX1283	AWX1296	AWX1310
C7243	NM	NM	NM
C7247	NM	NM	NM
C7253	NM	NM	NM
C7254	NM	NM	NM
C7273	NM	NM	NM
C7274	NM	NM	NM
R7274	1M	1M	1M
R7275	27k	27k	22k
R7276	27k	27k	22k

Power Supply for IRPOWER AMP GATE DRIVER

CN7241 — KM200NA2 — Q 1/10 CN4002

Power Supply for IRPOWER AMP MODURATOR

CN7271 — KM200NA4 — Q 1/10 CN4003

Power Supply for COOLING FAN

CN7281 — CKS3368-A — F CN7009

JP7291 — ADX7778-A — AB CN3651

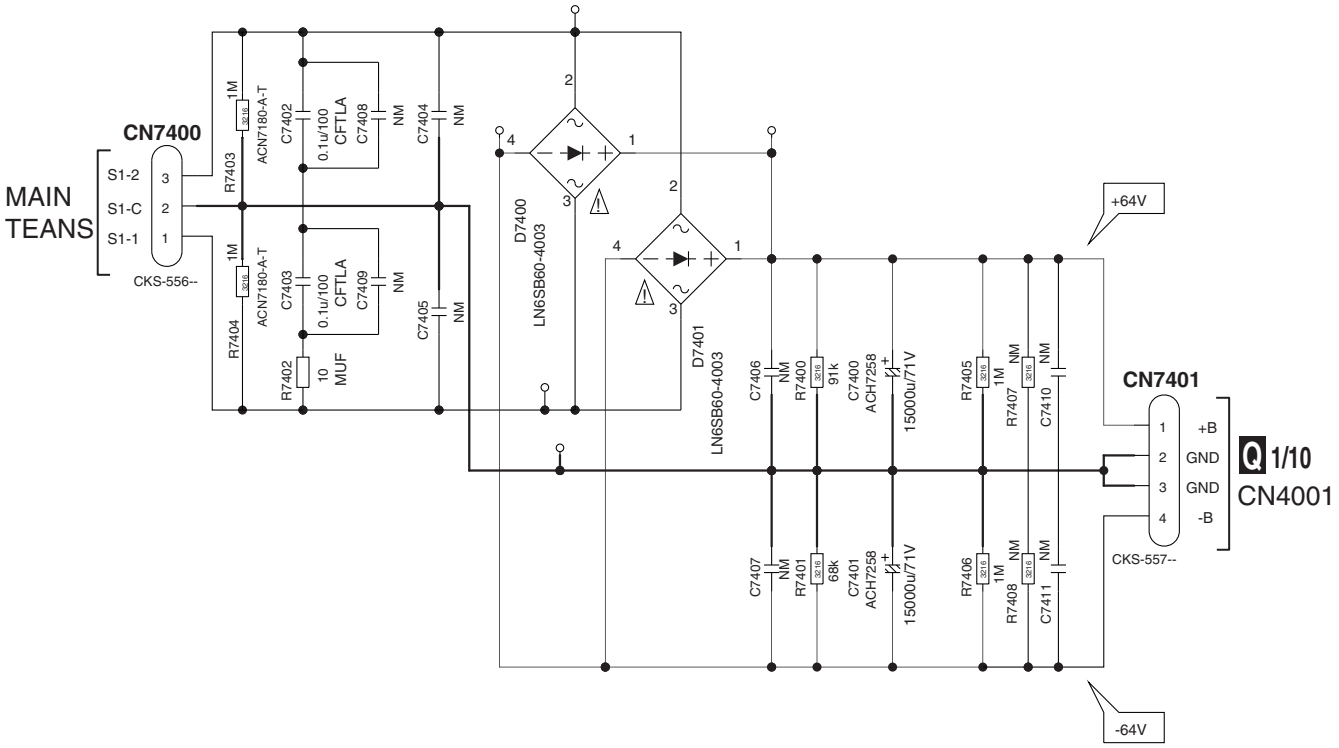
FAN	V+FAN	V-FAN
OFF	0V	0V
LOW	-0.7V	-6.5V
HIGH	+6.5V	-6.5V

Power Supply for IRPOWER AMP INPUT STAGE & SP RELAY

CN7251 — KM200NA7 — Q 1/10 CN4004

10.44 IR REG ASSY (2/2)

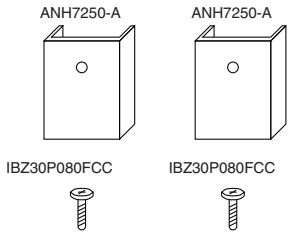
T2/2 IR REG ASSY (2/2) (AWX1283)



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: 1/10w 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



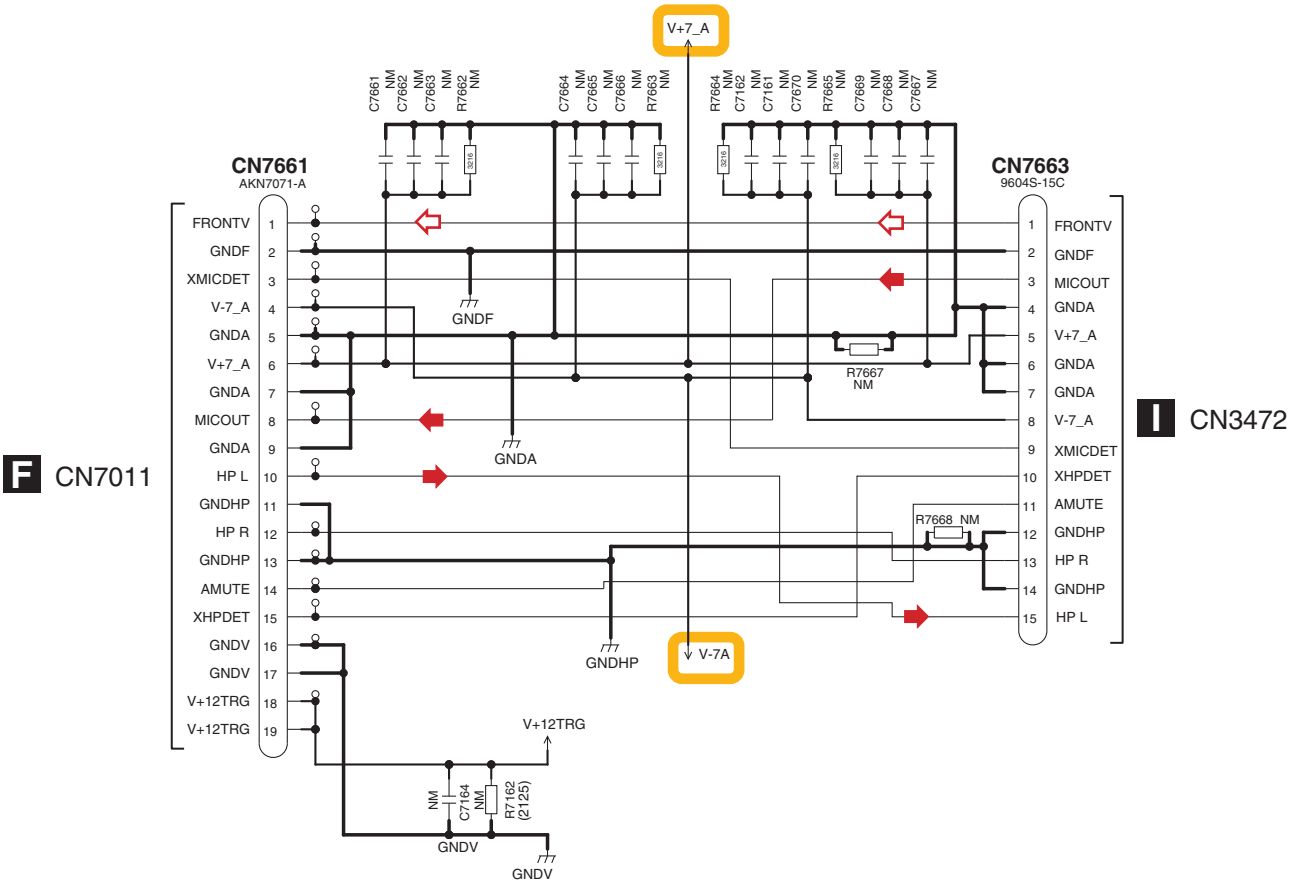
10.45 V-REG ASSY (1/3)

U1/3 V-REG ASSY (1/3) (AWX1163)

JH7901 AEF7008-A

JH7903 AEF7008-A

JH7904 AEF7008-A



F CN7011

I CN3472

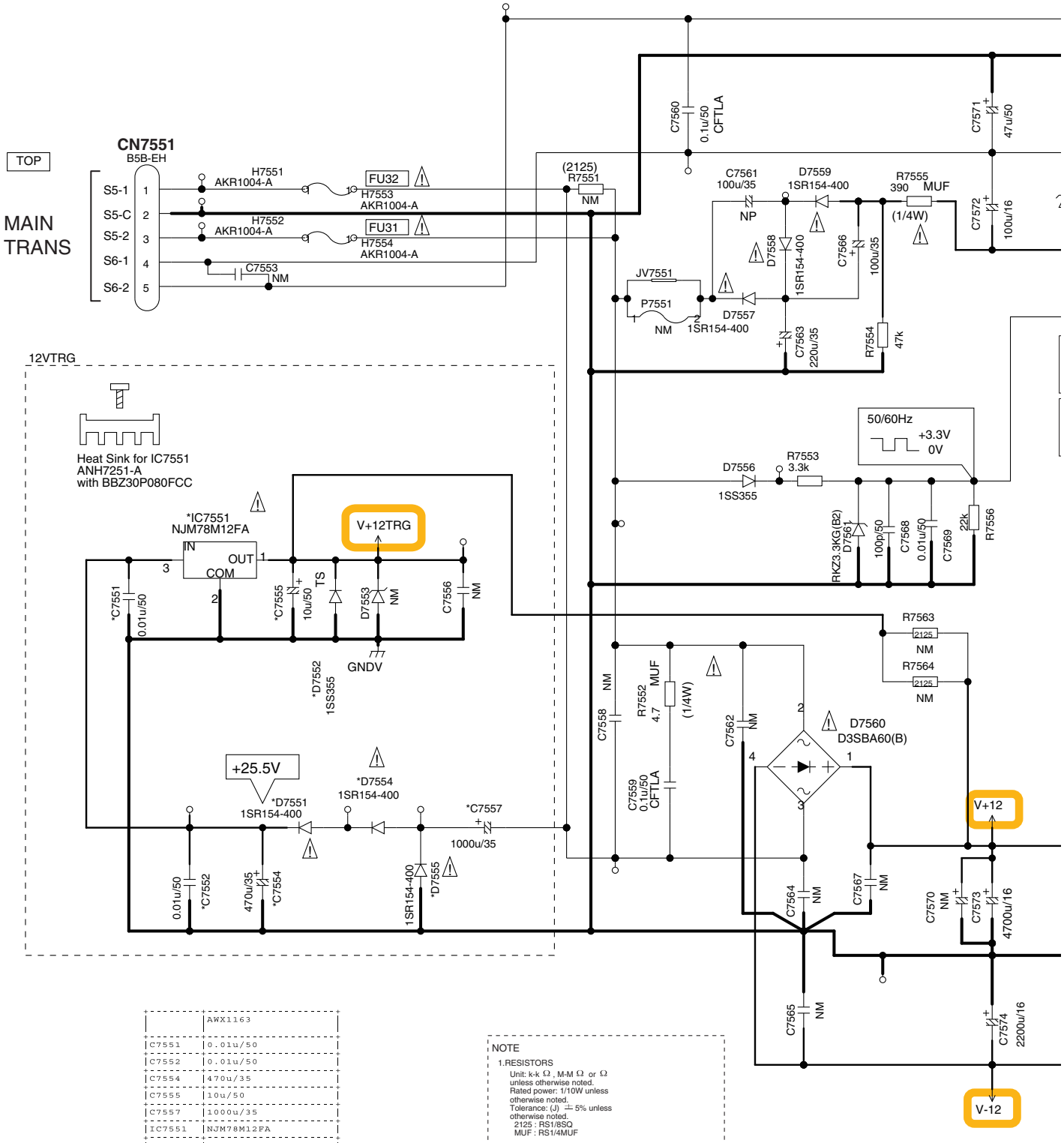
: Video Signal Route

: Audio Signal Route

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

10.46 V-REG ASSY (2/3)



	AWX1163
C7551	0.01u/50
C7552	0.01u/50
C7554	470u/35
C7555	10u/50
C7557	1000u/35
IC7551	NJM78M12FA
D7551	1SR154-400
D7552	1SS355
D7554	1SR154-400
D7555	1SR154-400
	ANH7251-A
	BBZ30P080FCC

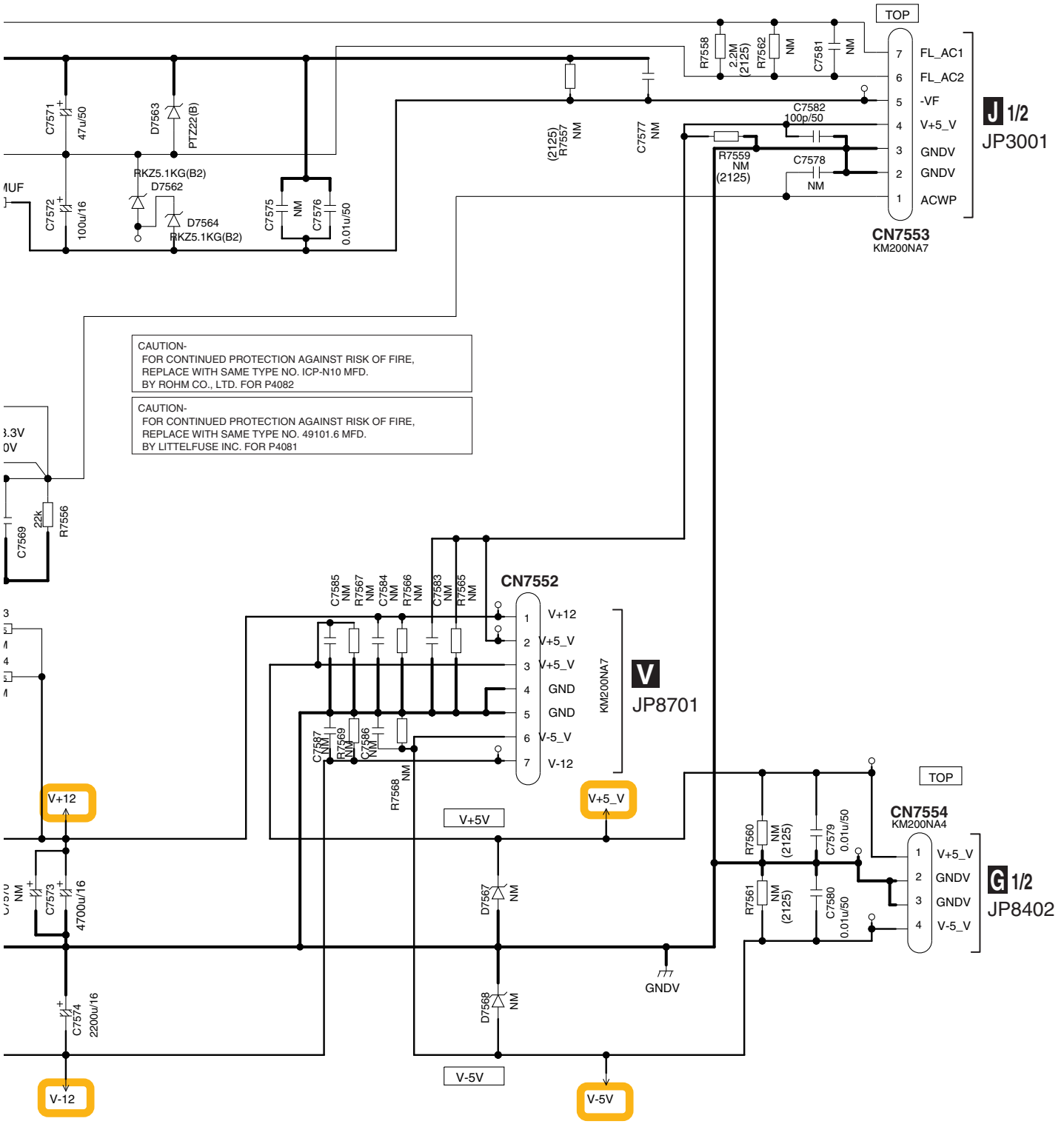
NOTE

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.
2125 : RS1/8SQ
MUF : RS1/4MUF

2.CAPACITORS
Unit: p-pF, or μ F unless otherwise noted.
Ratings: Capacity(μ F)/Voltage(V) unless otherwise noted.
NP : CEANP
CFTLA ; CFTLA
AK : CEAK
NO MARKED : CEAT or CKSRYB

3. NM : NO MOUNT

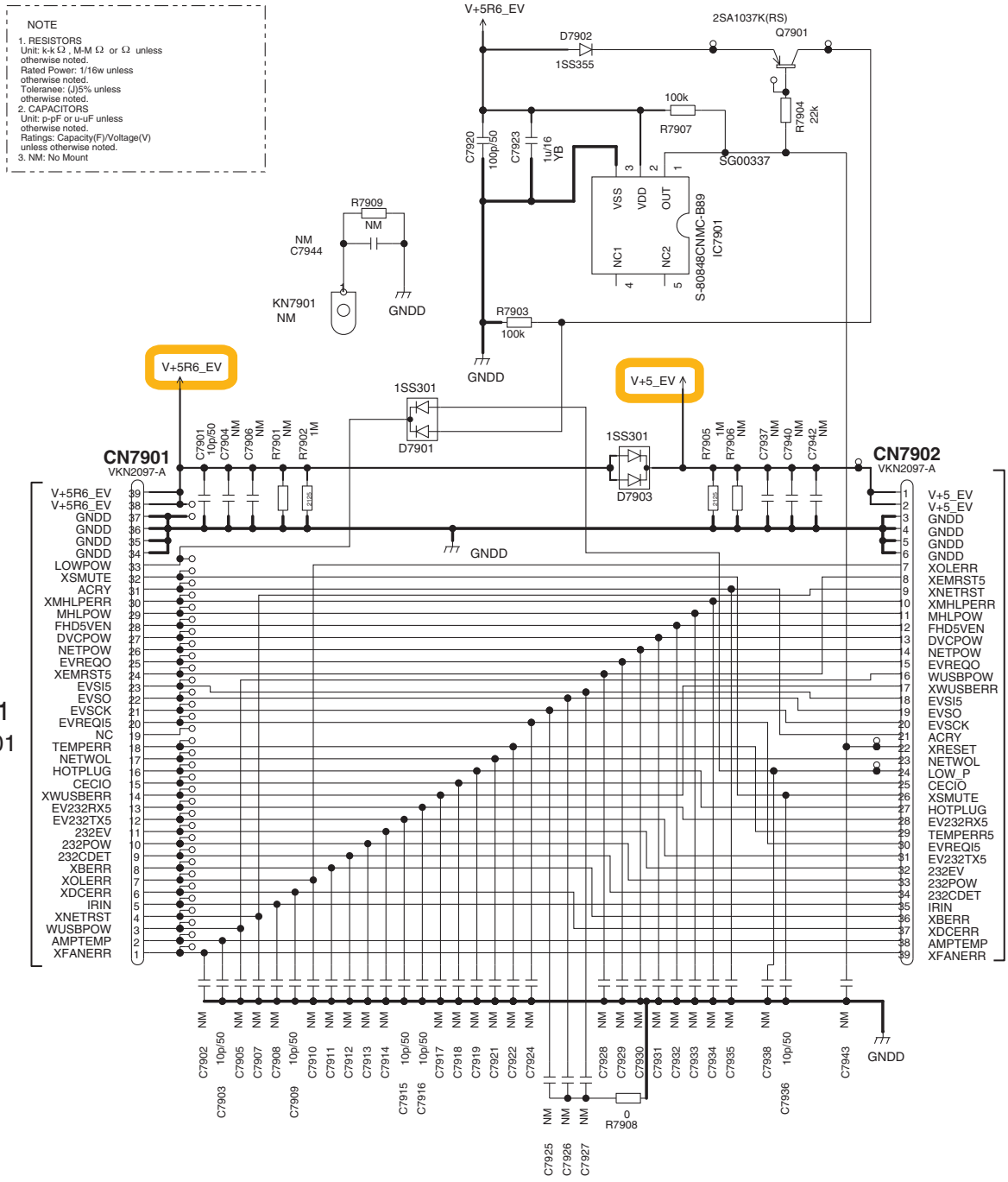
U2/3 V-REG ASSY (2/3) (AWX1163)



10.47 V-REG ASSY (3/3)

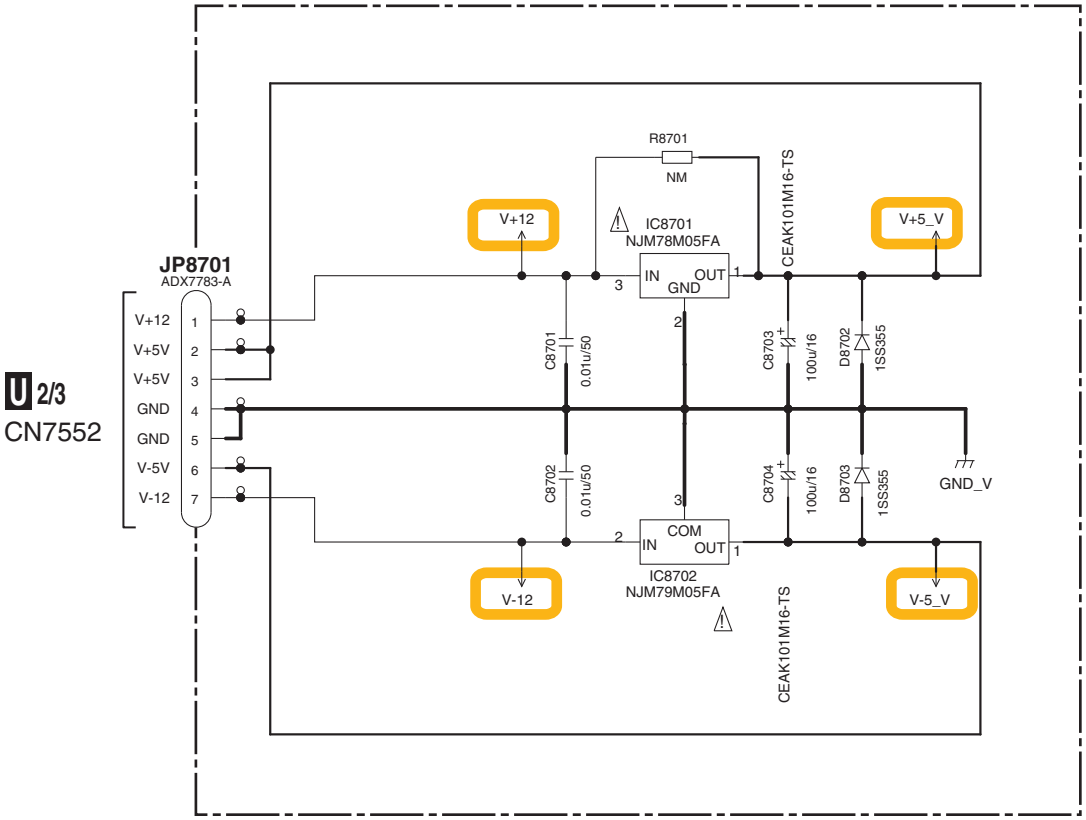
U3/3 V-REG ASSY (3/3) (AWX1163)

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



10.48 V-REG CHILD ASSY

V VREG CHILD ASSY (AWX1165)



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

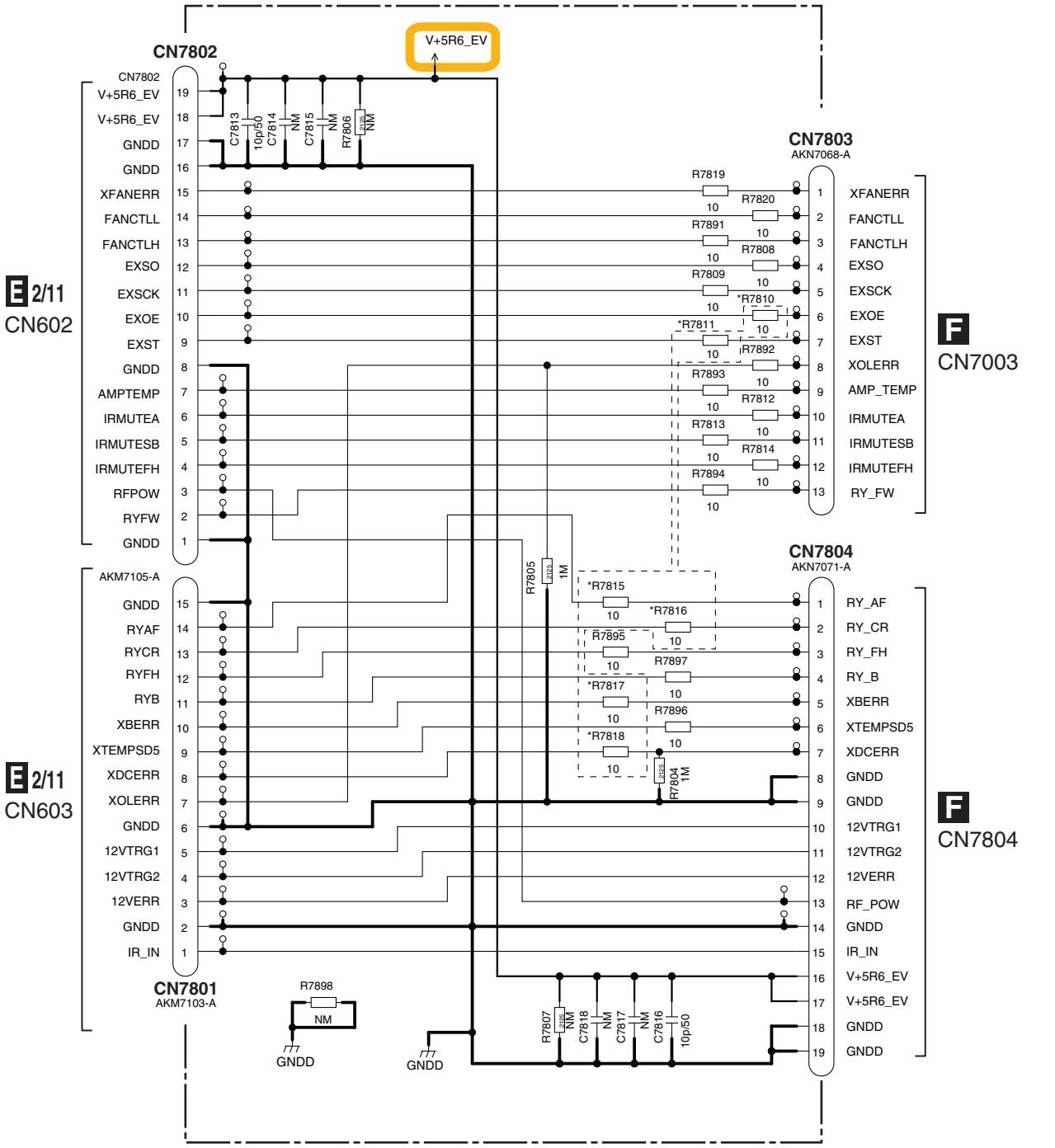
NOTE

1. RESISTORS
Unit: k-k Ω, M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Toleranee: (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
NP : CEANP , AK : CEAK
NO MARKED : CKSRYB or CEAT
3. NM: No Mount

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

10.49 CONNECT ASSY

W CONNECT ASSY (AWX1160)



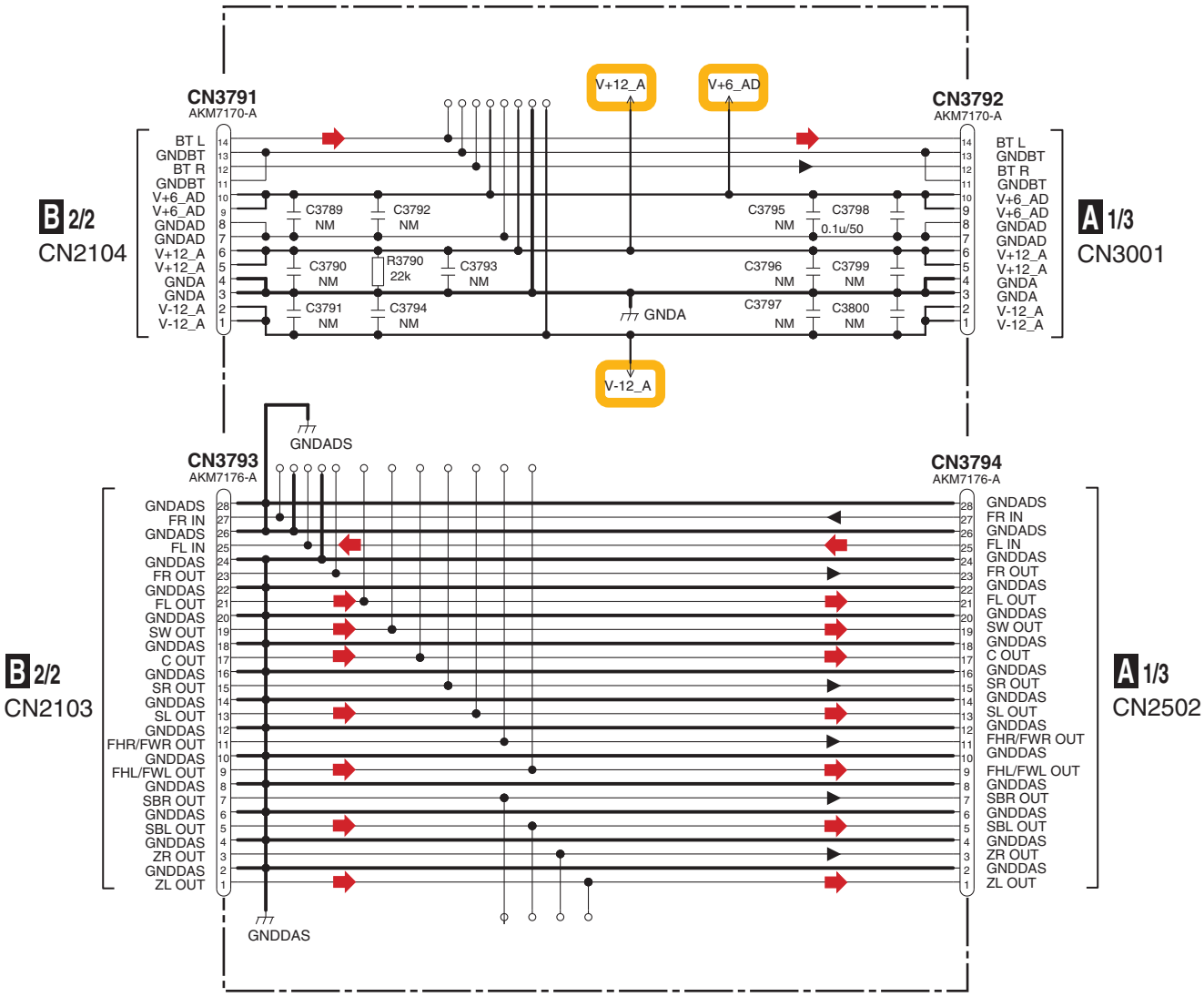
NOTE

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

	AWX1160(CU)	AWX1298(SEL-H SY,J)
R7810	10	12
R7811	10	12
R7815	10	12
R7816	10	12
R7817	10	12
R7818	10	12

10.50 A-DAC BRIDGE ASSY

X A-DAC BRIDGE ASSY (AWX1129)



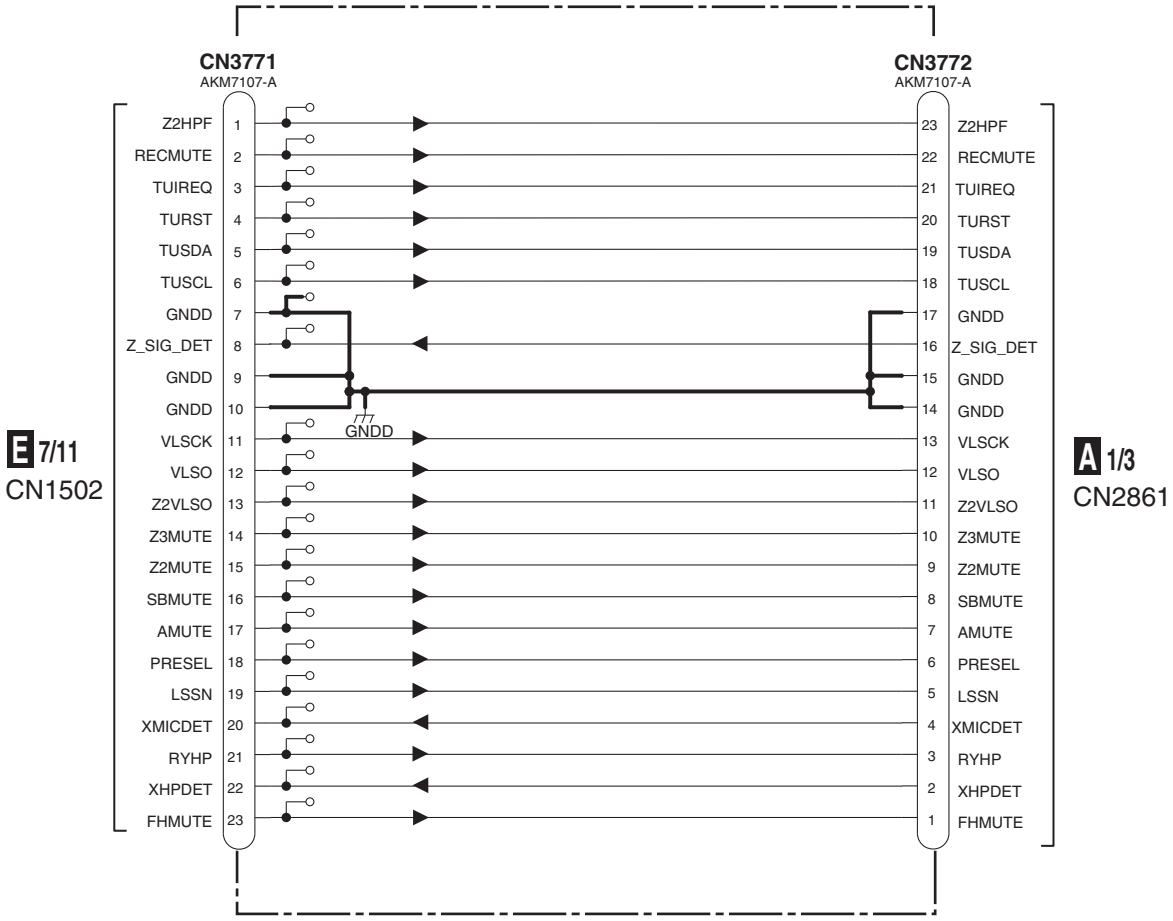
: Audio Signal Route

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

10.51 D-AUDIO BRIDGE ASSY

Y D-AUDIO BRIDGE ASSY (AWX1127)

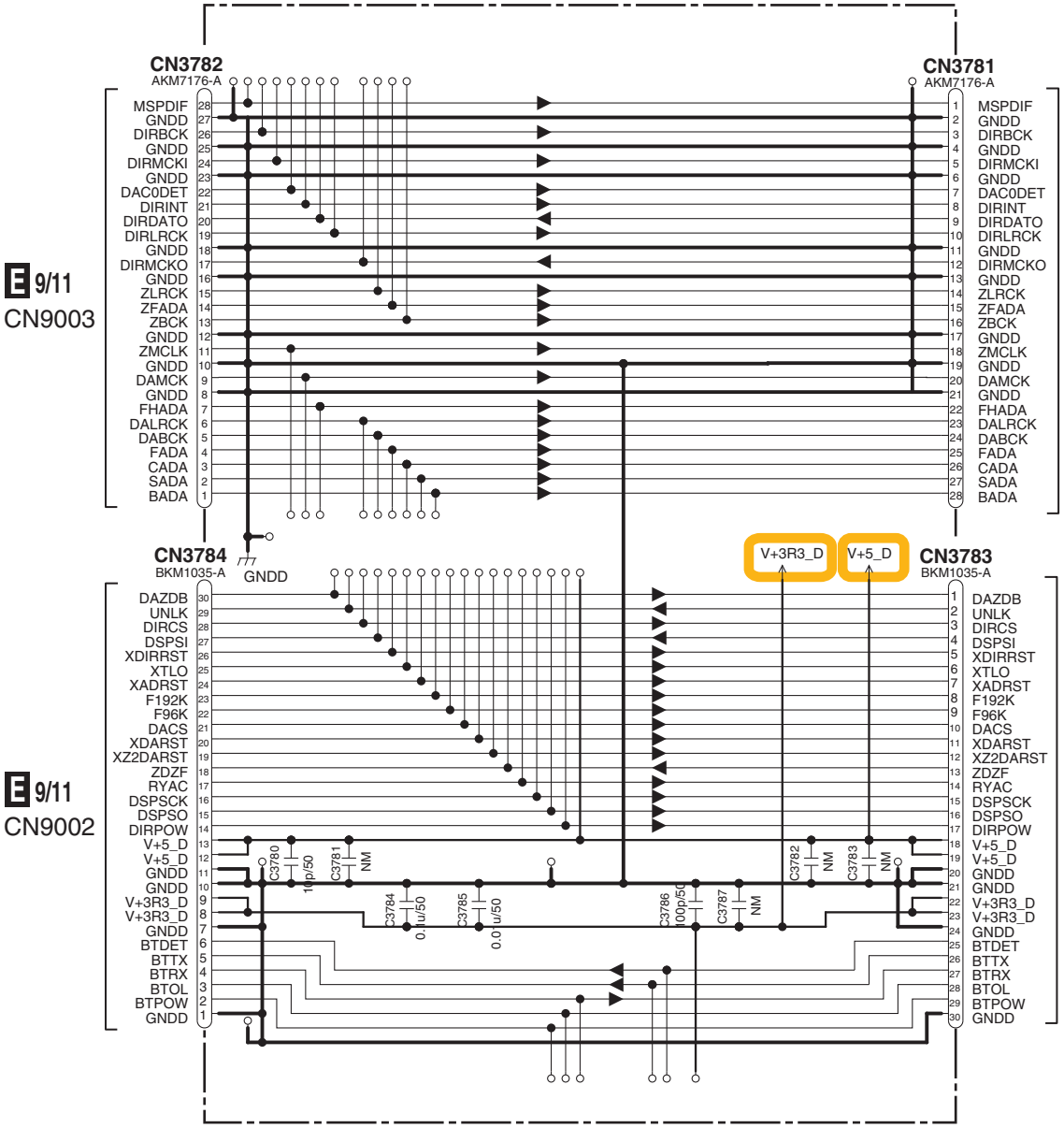


NOTE
1. RESISTORS
Unit: k-k Ω , M-MΩ or Ω unless otherwise noted.
Rated Power: 1/10w unless otherwise noted.
Toleranee: (J)5% unless otherwise noted.

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

10.52 D-DAC BRIDGE ASSY

Z D-DAC BRIDGE ASSY (AWX1128)

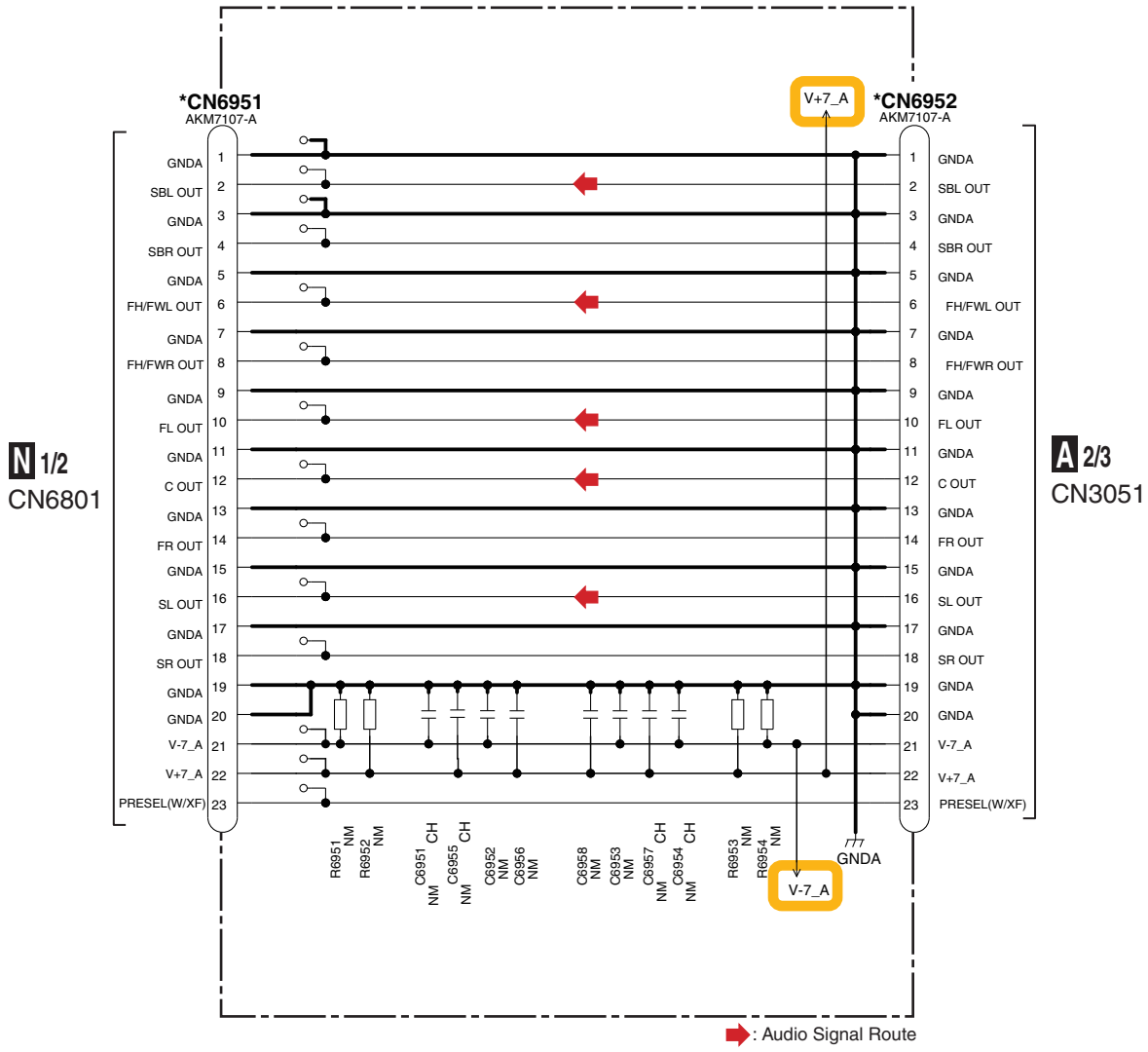


NOTE
1. RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/10w unless otherwise noted.
Toleranee: (J)5% unless otherwise noted.

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

10.53 PRE BRIDGE ASSY

AA PRE BRIDGE ASSY (AWX1161)



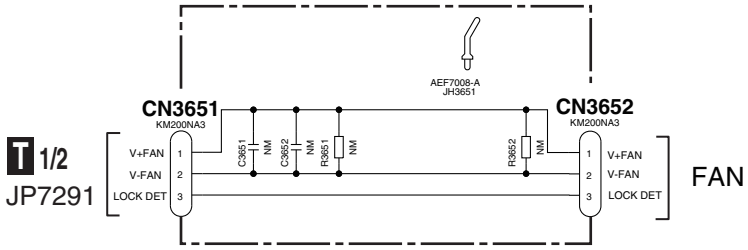
NOTE
1. RESISTORS
Unit: k-k Ω, M-M Ω or Ω unless otherwise noted.
Rated Power: 1/10w unless otherwise noted.
Toleranee: (J)5% unless otherwise noted.

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

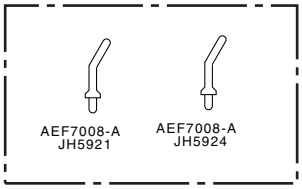
	AWX1161(SEL-H)
SUBASSY	AWX1161- /J
CN6951	AKM7107-A
CN6952	AKM7107-A
CN6953	NM
CN6954	NM

10.54 FAN CONNECT_S, MIC HP GUARD, BIND DM CABLE, P WIRE GUARD and FFC GUARD ASSYS

AB FAN CONNECT_S ASSY (AWX1130)

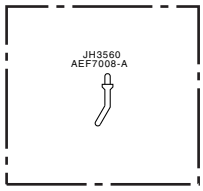


AC MIC HP GUARD ASSY (AWX1152)

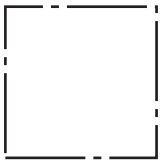


AD BIND DM CABLE ASSY (AWX1168)

AE P WIRE GUARD ASSY (AWX1229)

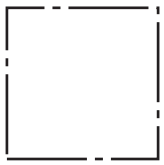


AF FFC GUARD ASSY (AWX1167)

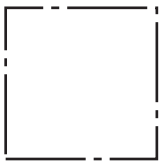


10.55 BIND FAN CABLE, VREG GUARD, TRANS VREG STYL, IR EDGE GUARD and PANEL GUARD ASSYS

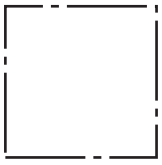
AG BIND FAN CABLE ASSY (AWX1231)



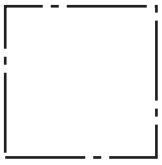
AH VREG GUARD ASSY (AWX1153)



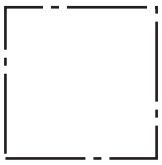
AI TRANS VREG STYL ASSY (AWX1256)



AJ IR EDGE GUARD ASSY (AWX1230)



AK PANEL GUARD ASSY (AWX1154)



A

B

C

D

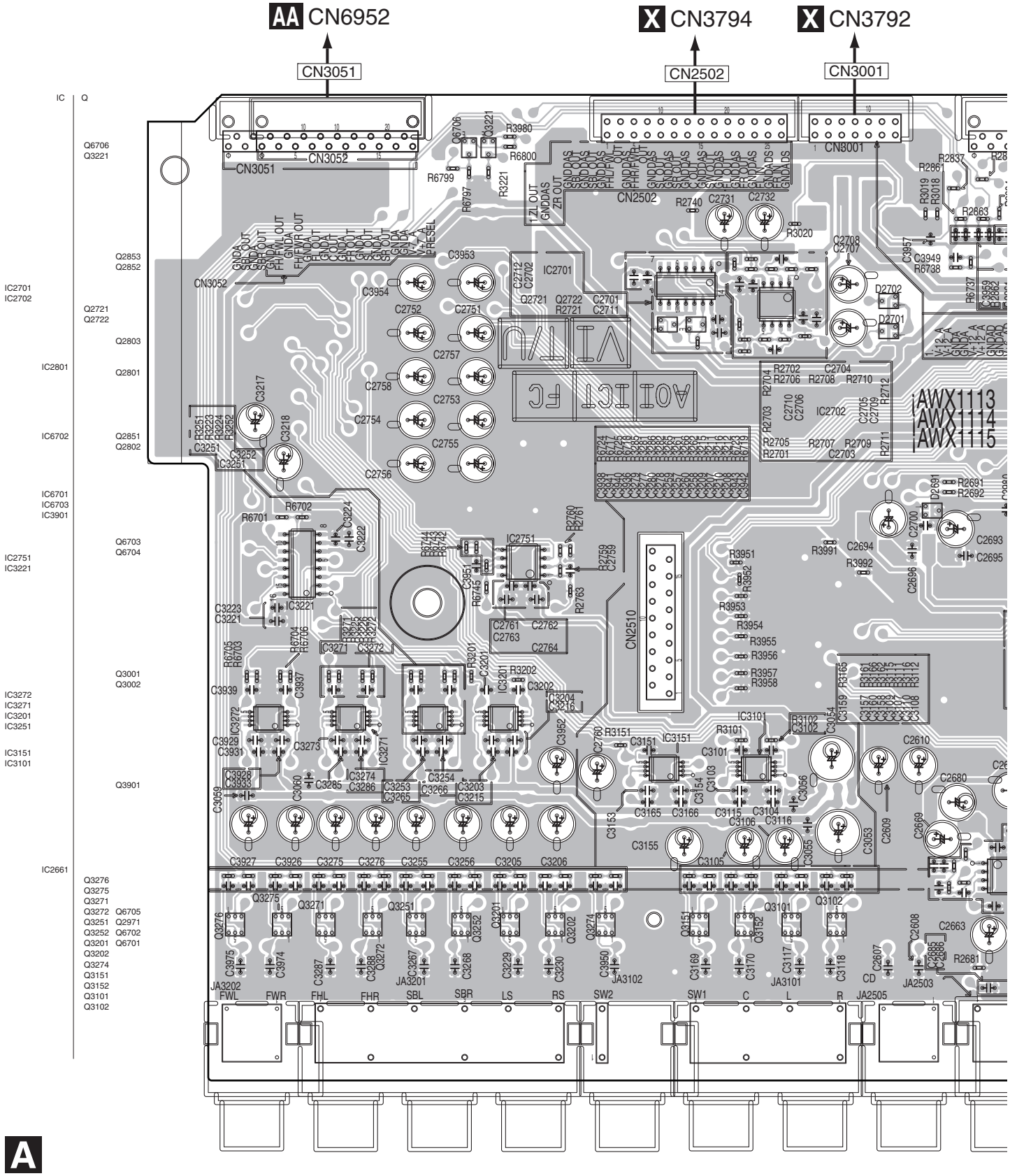
E

F

11. PCB CONNECTION DIAGRAM
11.1 AUDIO ASSY

SIDE A

A AUDIO ASSY

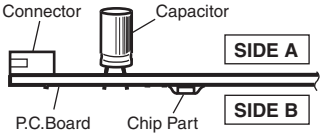


A

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

Y CN3772

F CN7010

CN2861

CN2503

S CN7502

JP3001

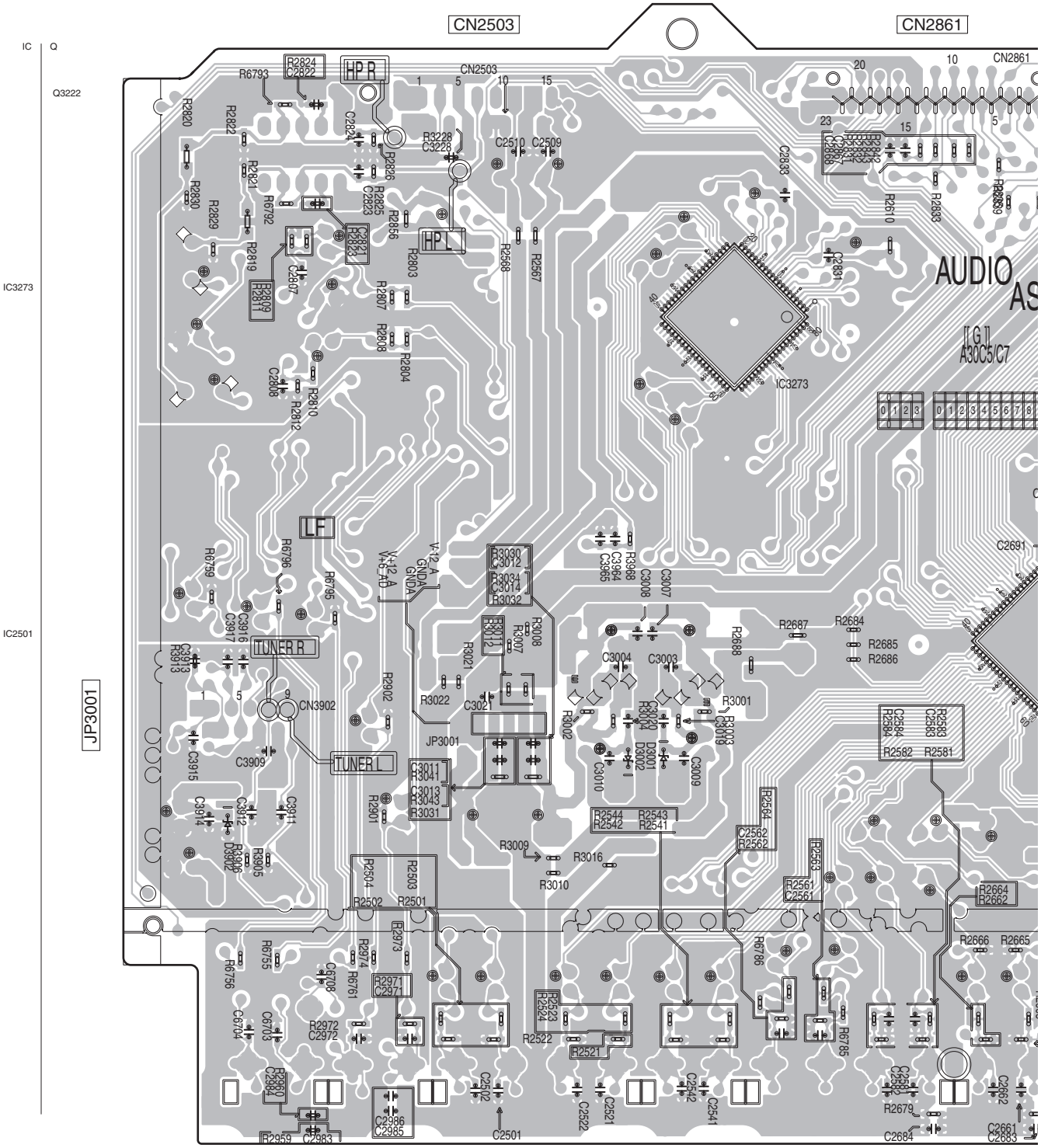
¡AWX1124
¡AWX1250
¡AWX1117
¡AWX1118
¡AWX1113
¡AWX1119
¡AWX1114
¡AWX1120
¡AWX1115
¡AWX
¡AWX1121
¡AWX1122
¡AWX1123

AUDIO ASS'Y

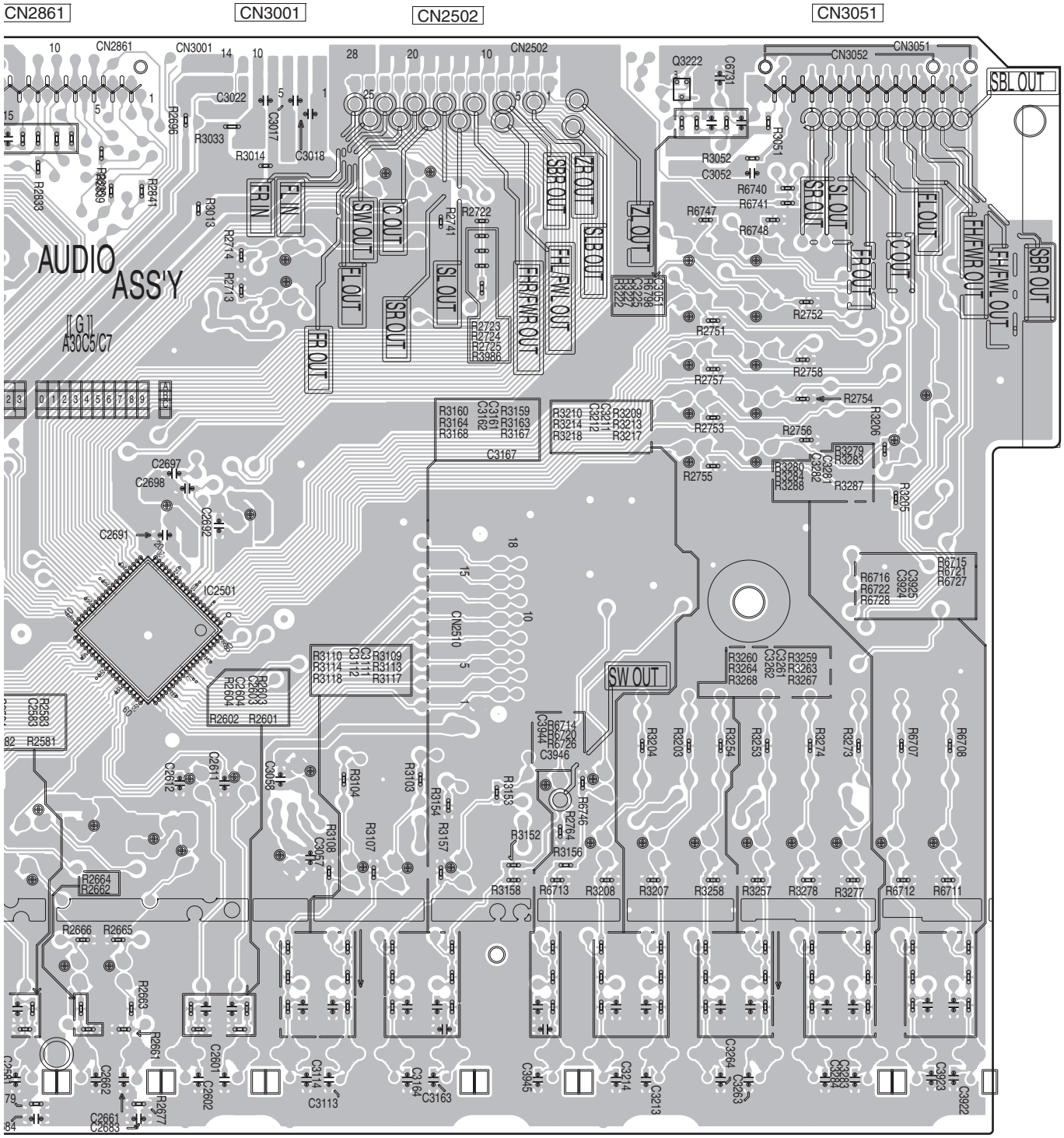
LF

(ANP7825-A)

A AUDIO ASSY


CN2503
CN2861
IC3273
IC2501
JP3001
HP R
HP L
LF
TUNER R
TUNER L
CN3902
JP3001
IC3273
AUDIO AS
[G]
A30C5/C7

SIDE B

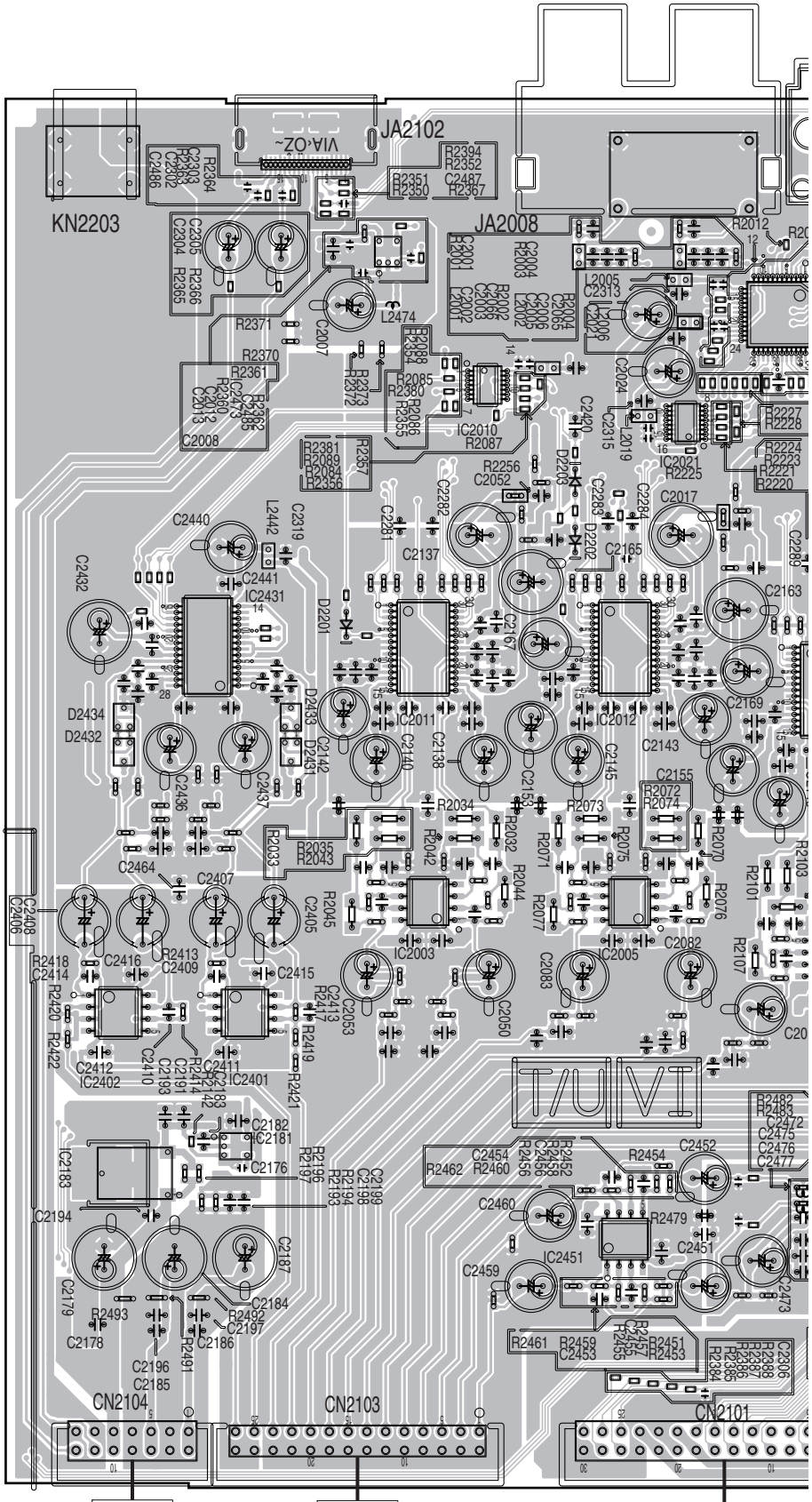


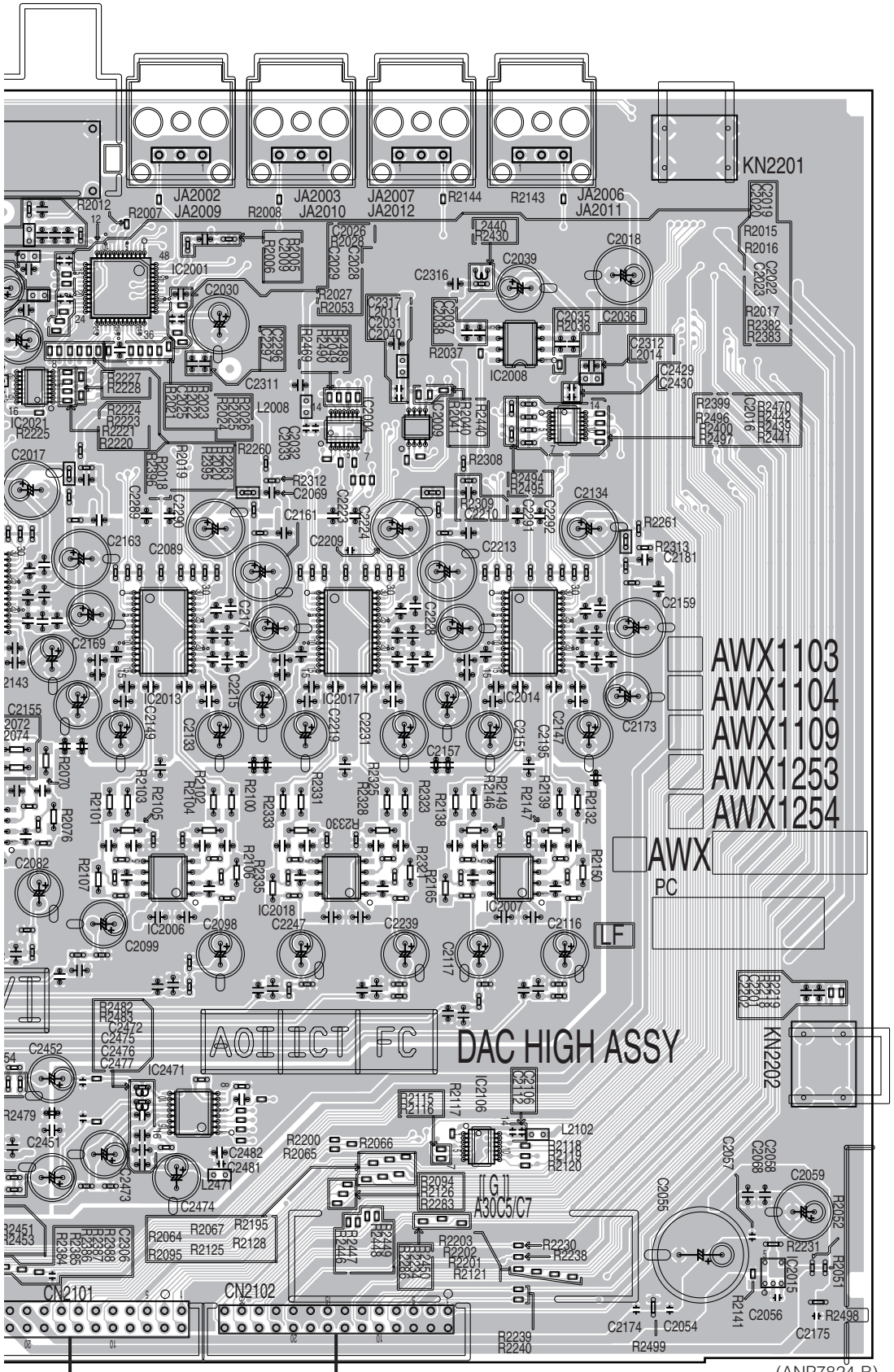
(ANP7825-A)

11.2 DAC HIGH ASSY

SIDE A

B DAC HIGH ASSY



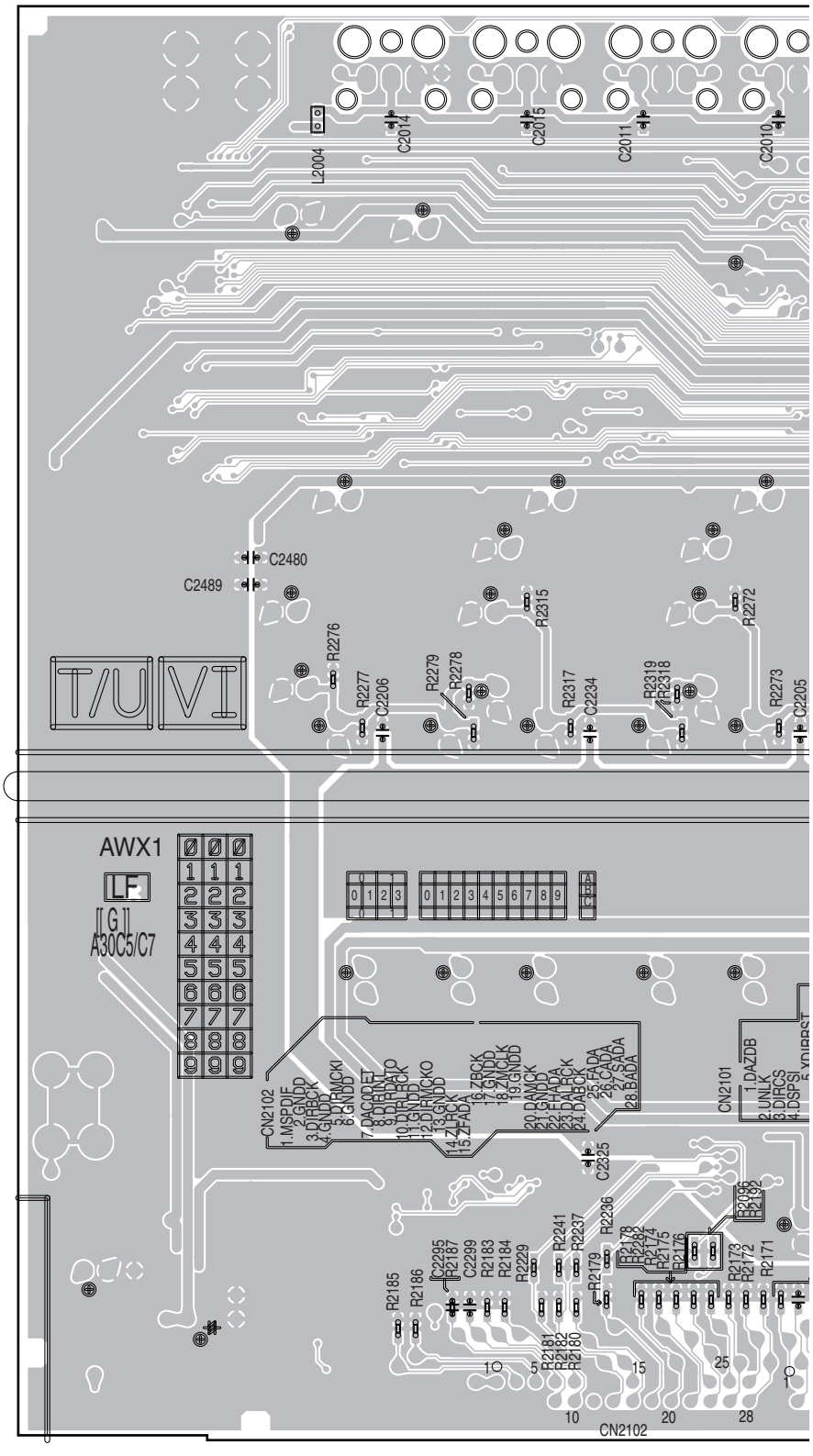


CN2101 → Z CN3783

CN2102 → Z CN3781

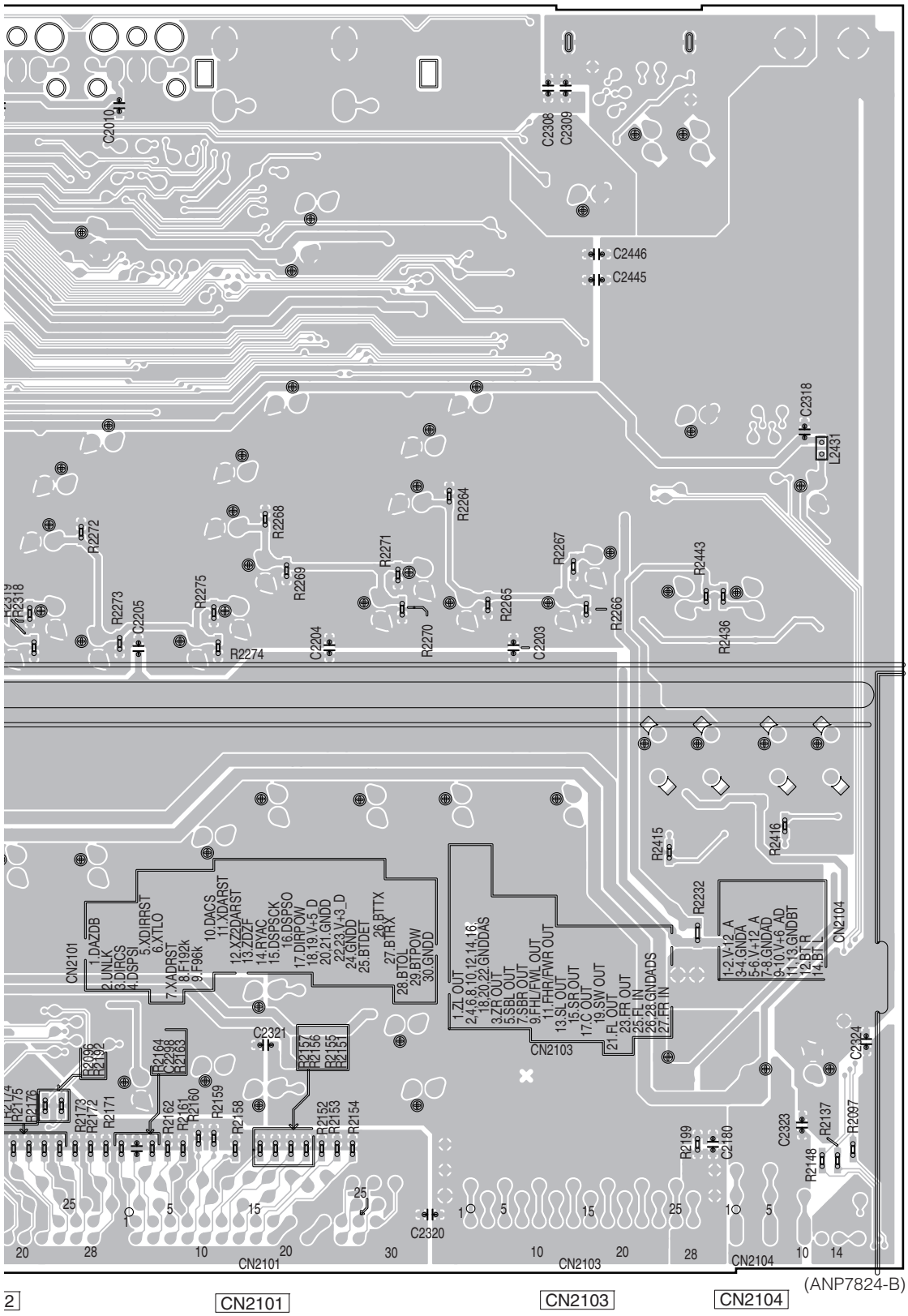
SIDE B

B DAC HIGH ASSY



CN2102

SIDE B

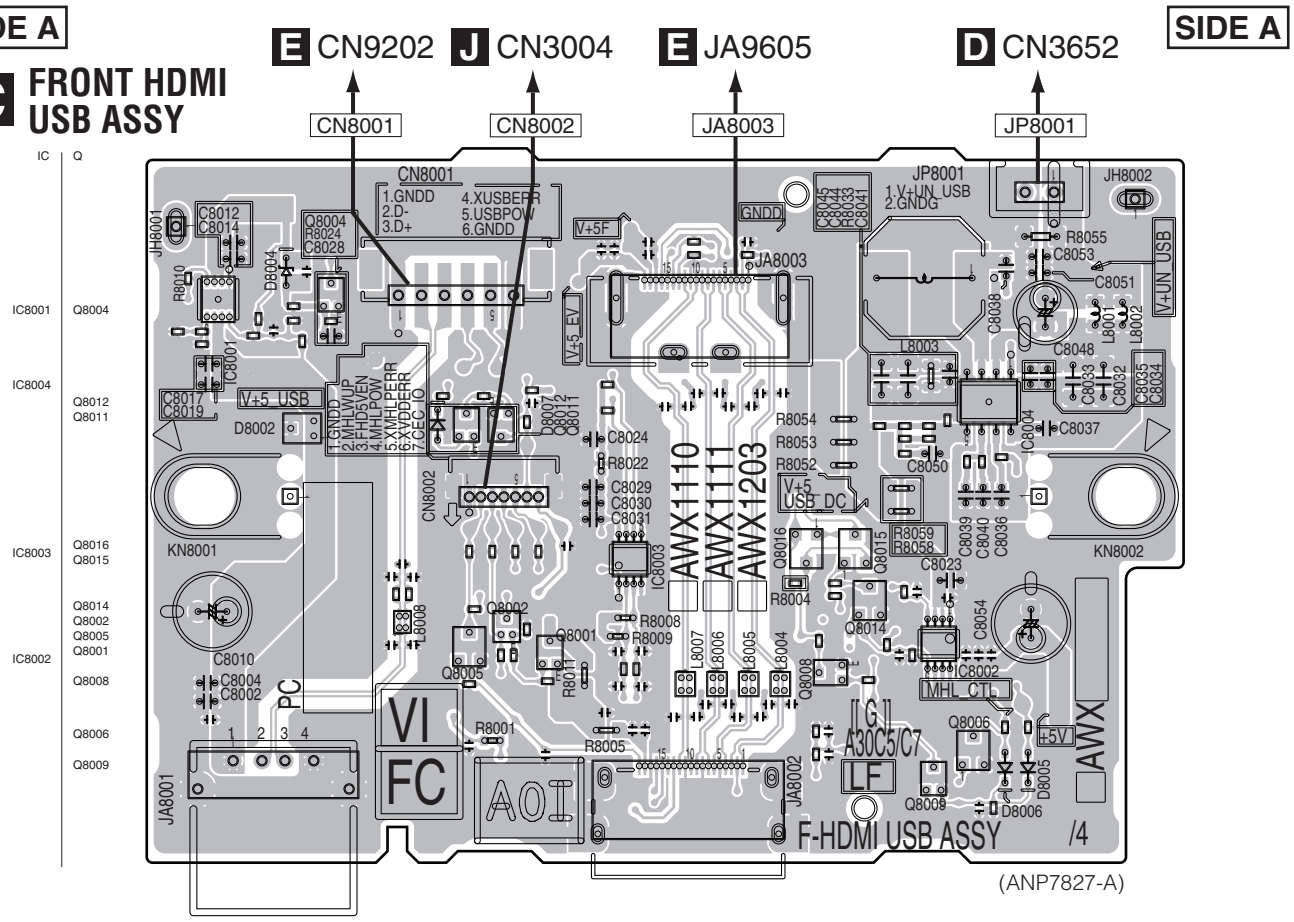


CN2101 CN2103 CN2104

11.3 FRONT HDMI USB ASSY

SIDE A

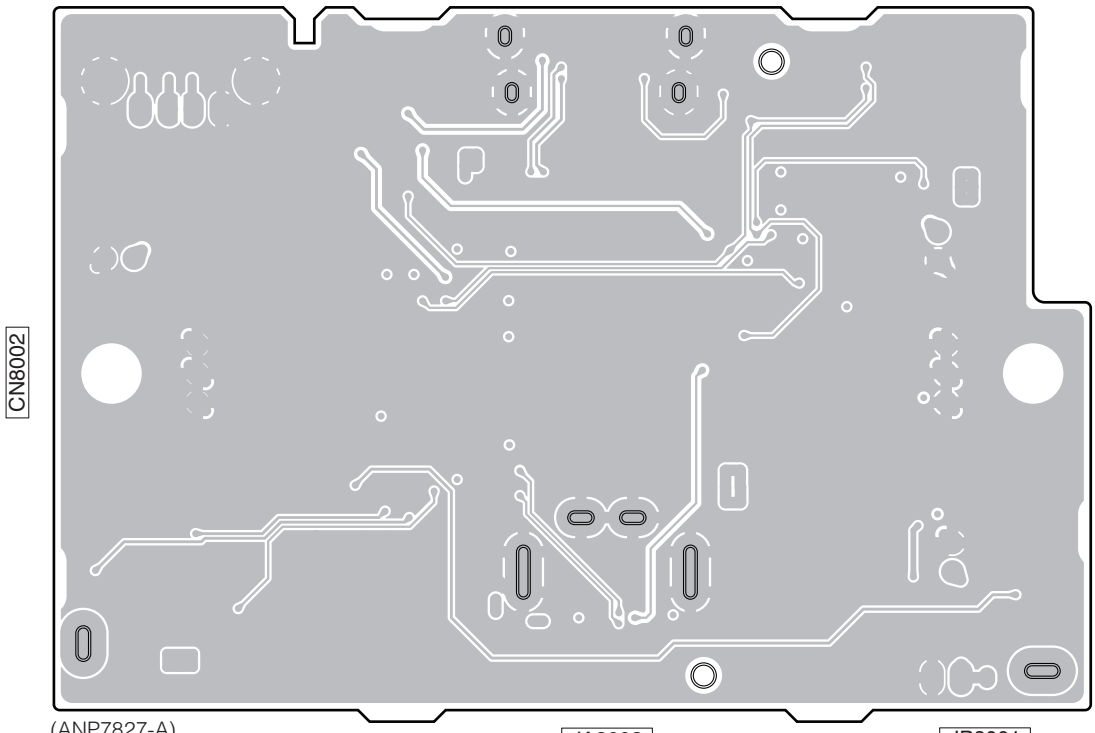
C FRONT HDMI USB ASSY



(ANP7827-A)

SIDE B

C FRONT HDMI USB ASSY

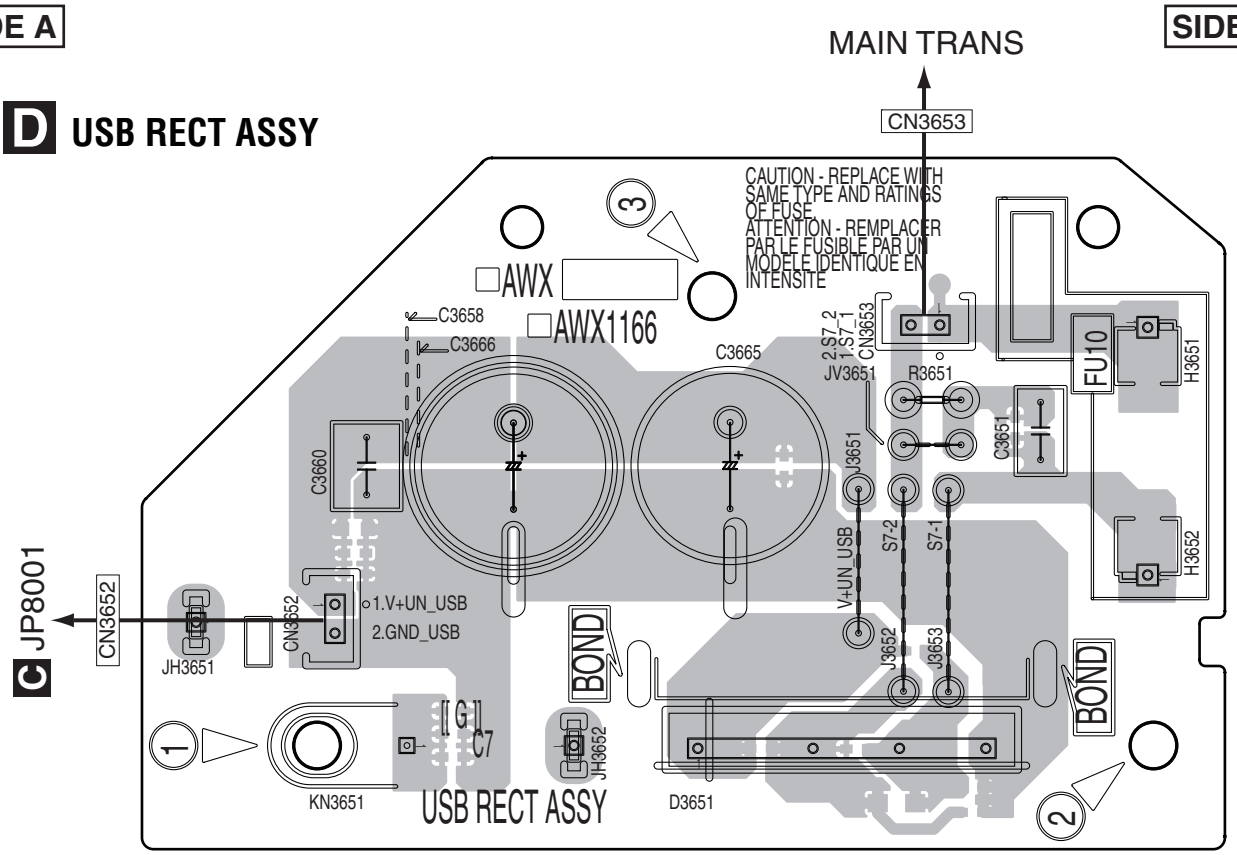


(ANP7827-A)

11.4 USB RECT ASSY

SIDE A

D USB RECT ASSY



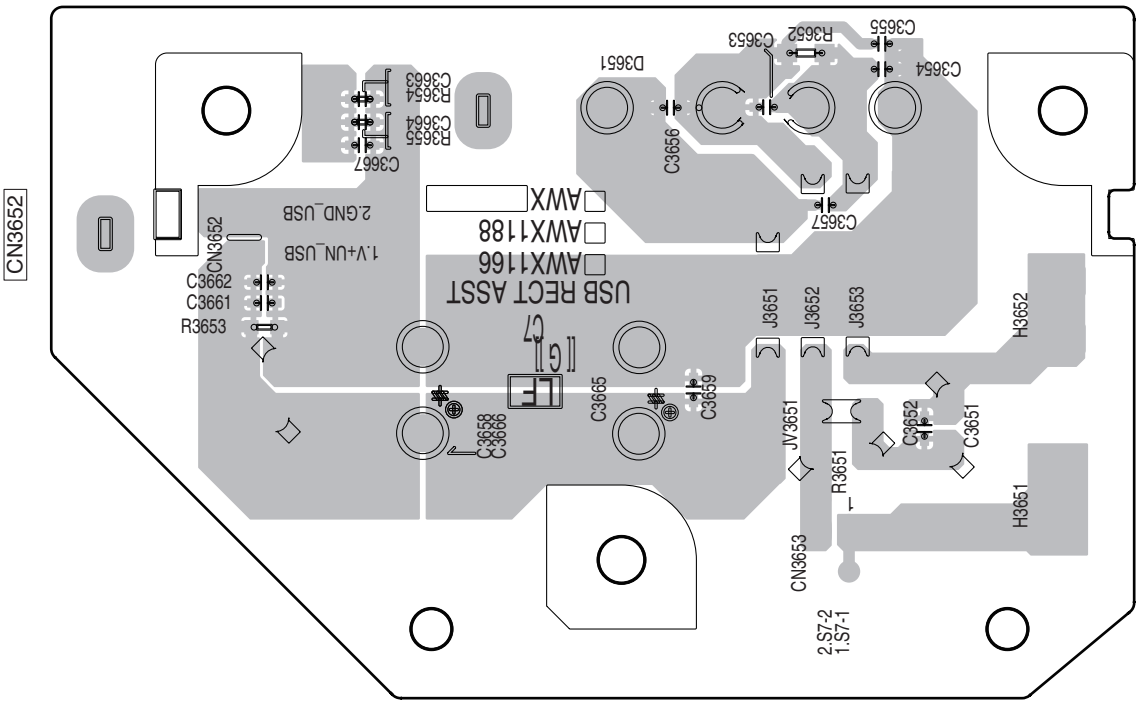
(ANP7832-A)

SIDE B

SIDE A

SIDE B

D USB RECT ASSY



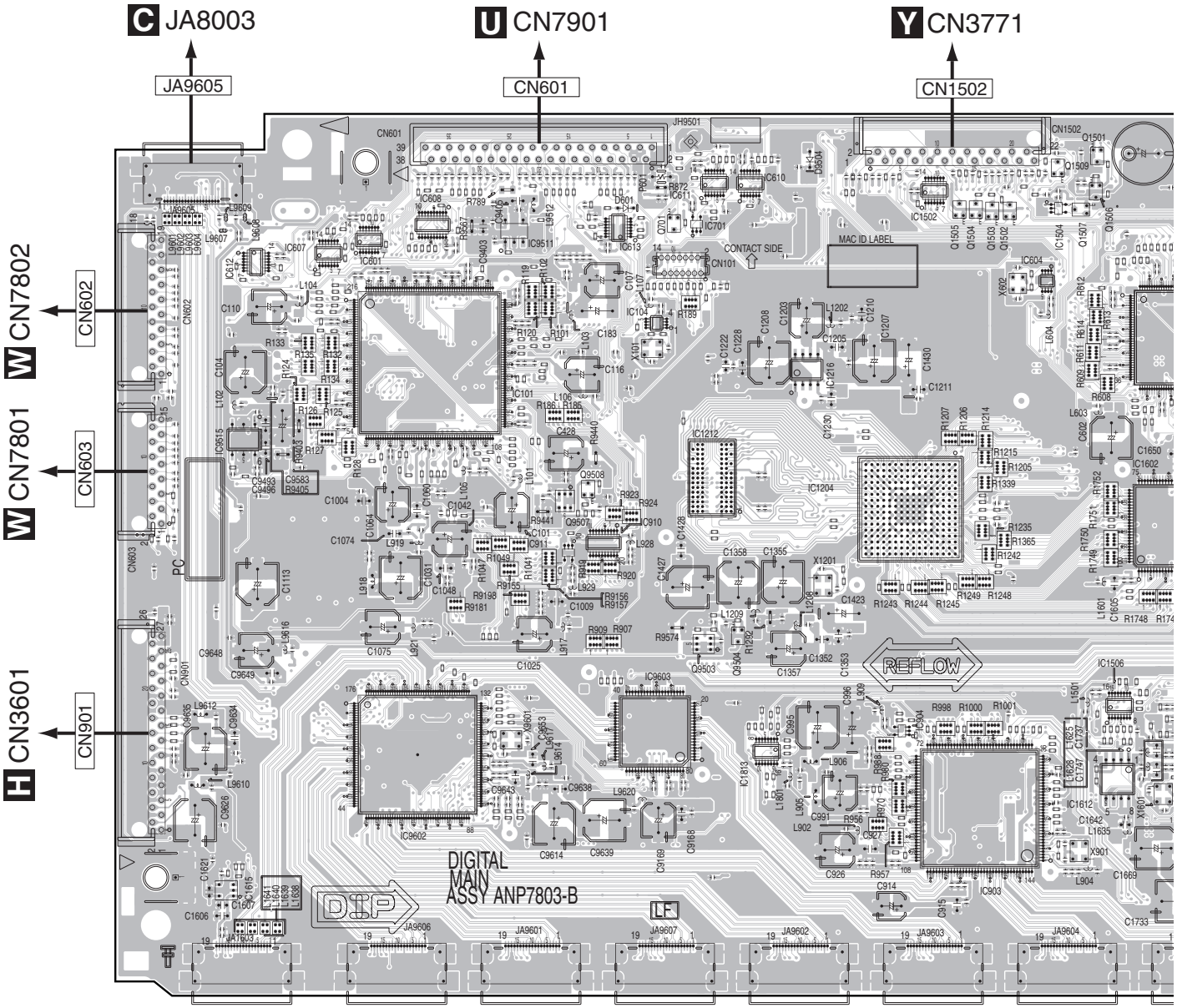
(ANP7832-A)

D **D**

11.5 DIGITAL MAIN ASSY

SIDE A

E DIGITAL MAIN ASSY



Q

IC

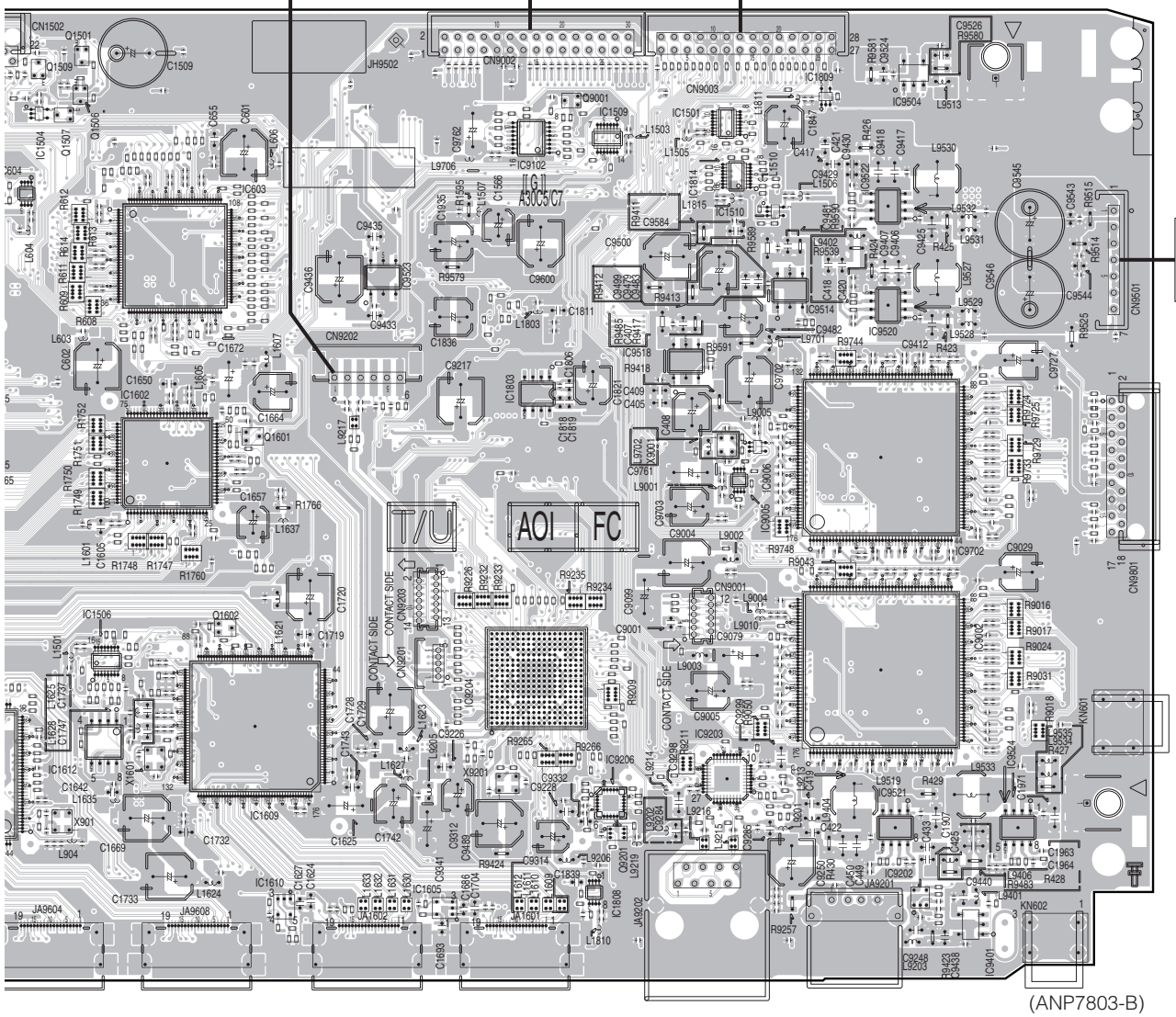
IC612 IC9515 IC607 IC601 IC608 IC101 IC9602 IC9511 IC911 IC613 IC104 IC910 IC9603 IC611 IC701 IC1212 IC610 IC1813 IC1216 IC1204 IC904 IC1502 IC604 IC903 IC1504 IC1612 IC1506 IC1615

Q9508 Q9507 Q701 Q9503 Q9504 Q1505 Q1503 Q1504 Q1502 Q1509 Q1507 Q1501 Q1506

SIDE A

C CN8001 **Z** CN3784 **Z** CN3782

CN9202 CN9002 CN9003

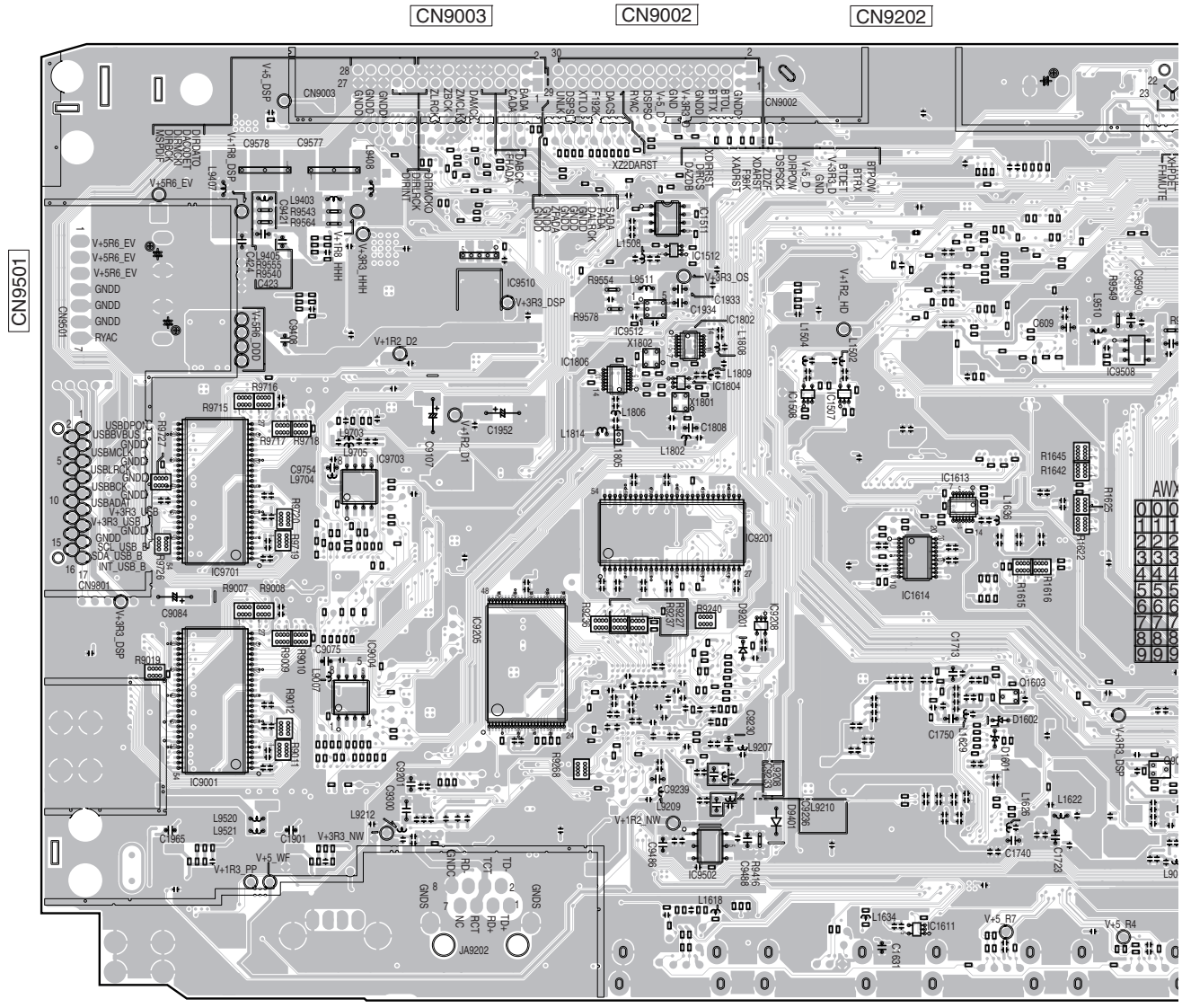


Q1509 Q1501 Q1507 Q1506 Q1602 Q1601 Q9001 Q9201

IC1504 IC603 IC1506 IC1612 IC1602 IC1609 IC1610 IC9523 IC1605 IC9102 IC1803 IC9204 IC1509 IC9206 IC1808 IC1501 IC9518 IC1814 IC9203 IC9006 IC9005 IC1510 IC9514 IC1809 IC9522 IC9520 IC9521 IC9202 IC9504 IC9702 IC9002 IC9401 IC9524

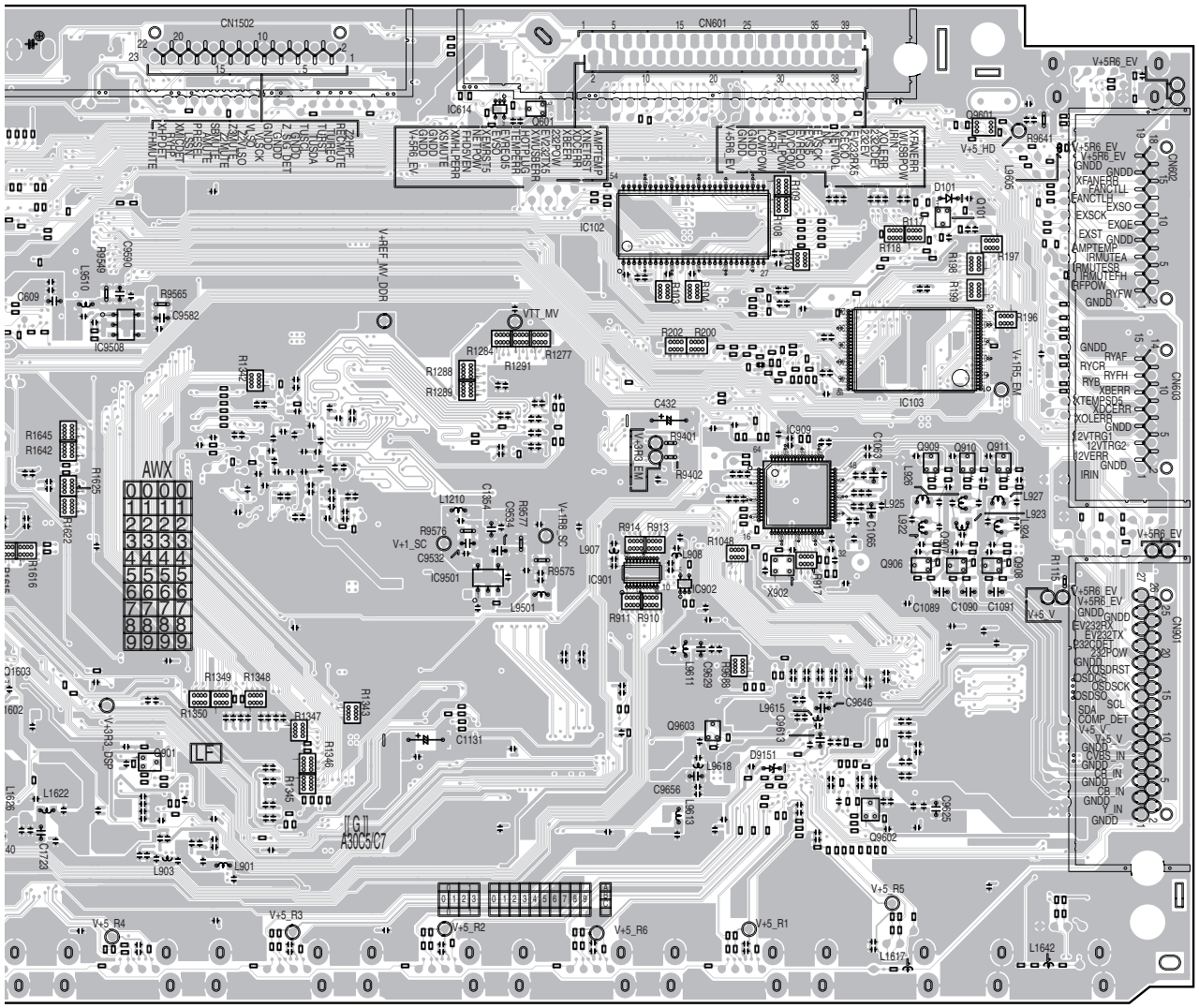
SIDE B

E DIGITAL MAIN ASSY



SIDE B

CN1502 CN601 JA9605

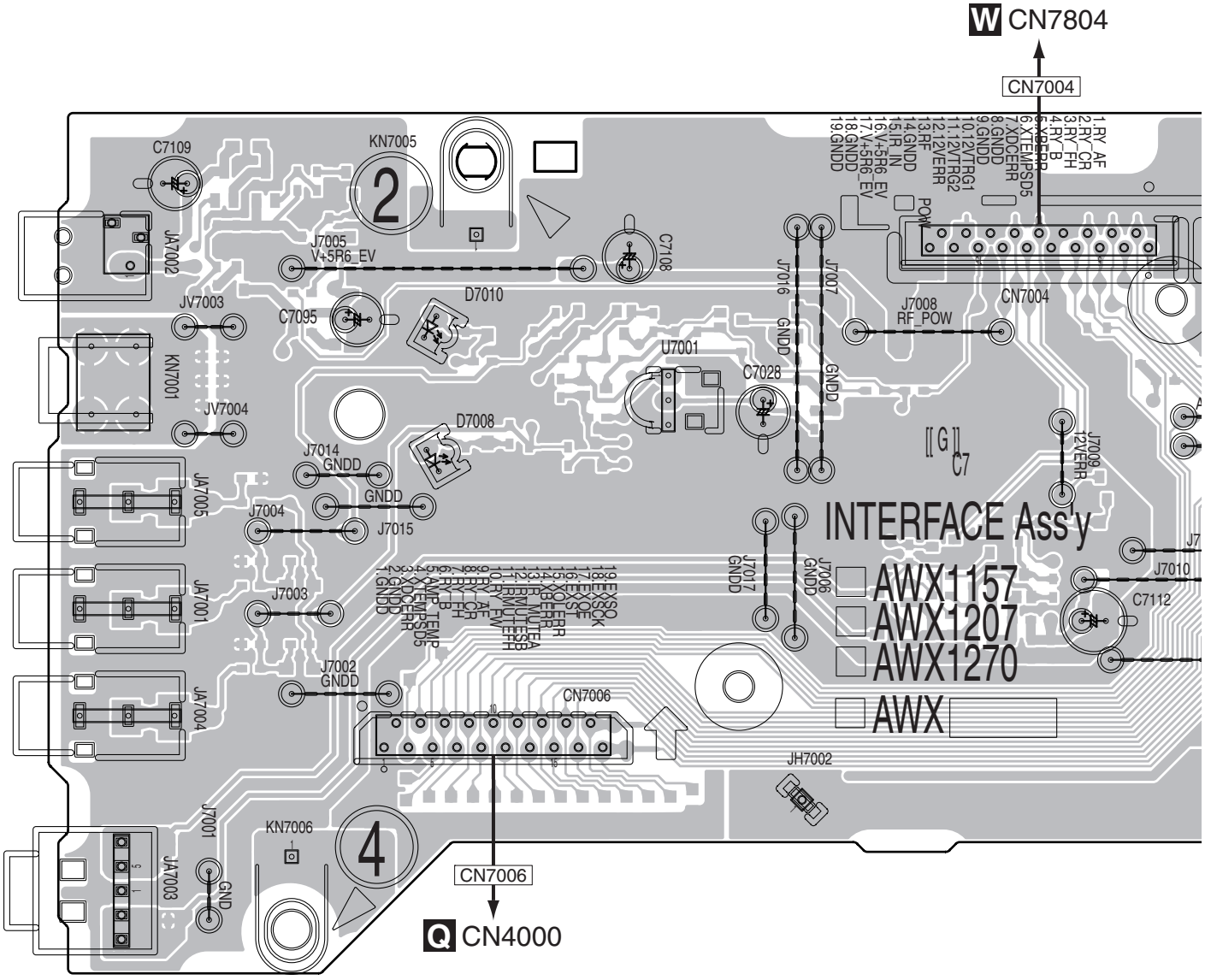


(ANP7803-B)

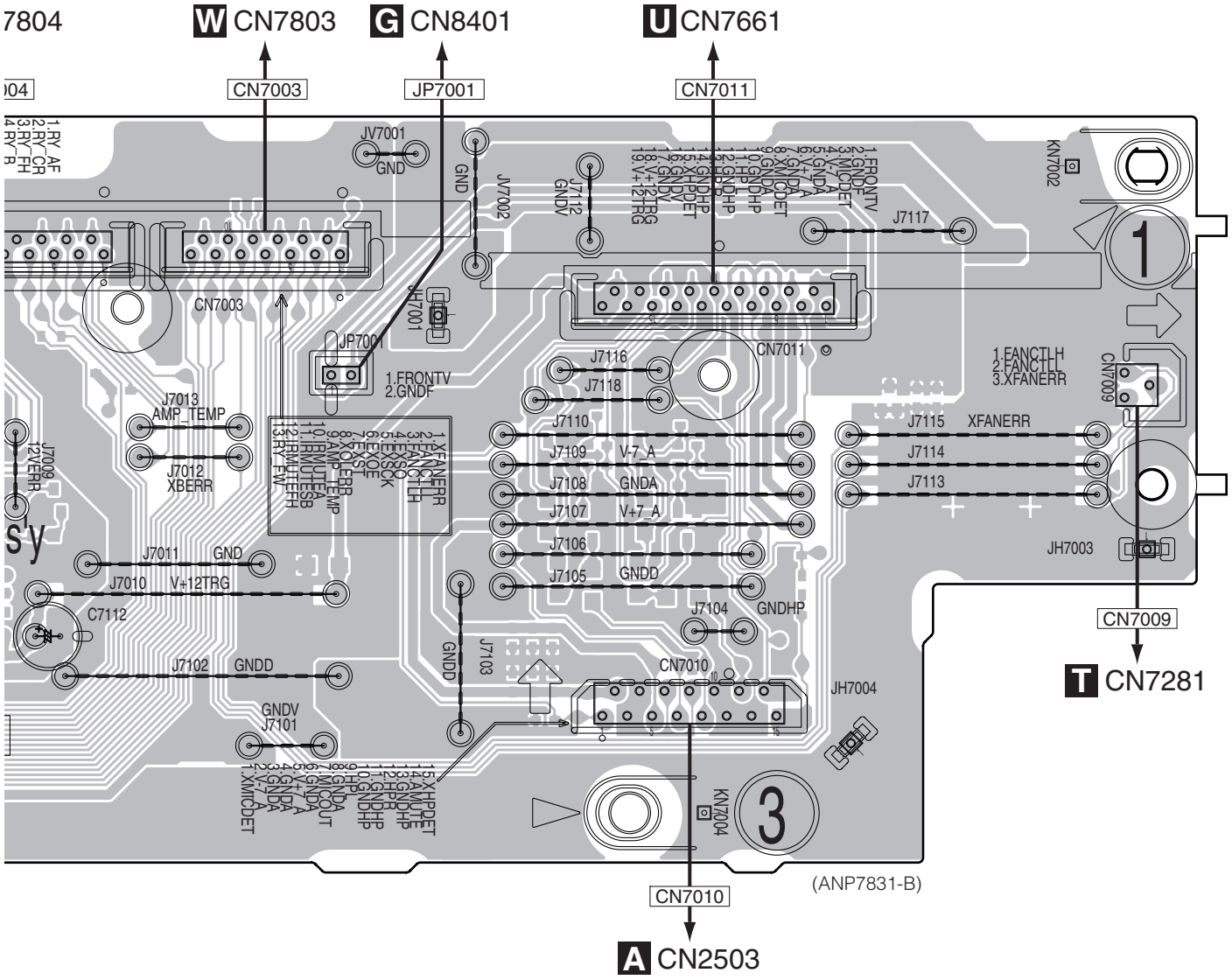
11.6 INTERFACE ASSY

SIDE A

F INTERFACE ASSY

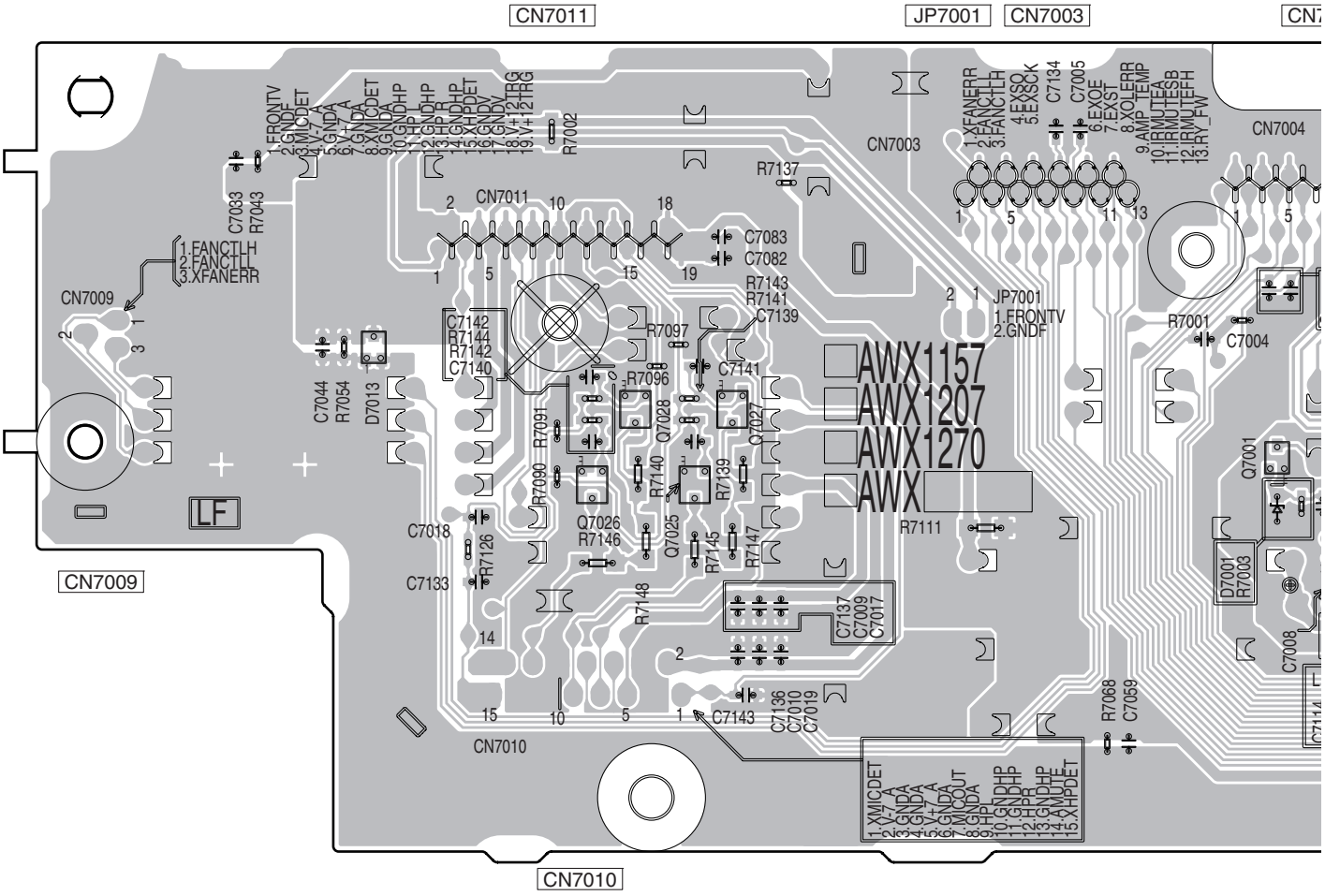


SIDE A


7804
W CN7803
G CN8401
U CN7661
CN7003
JP7001
CN7011
JV7001
GND
JV7002
J7112
GNDV
J7117
KN7002
JH7001
JP7001
1.FRONTV
2.GNDF
CN7011
J7116
J7118
1.FANCTLH
2.FANCTLL
3.XFANERR
CN7009
J7013
AMP_TEMP
J7012
XBERR
J7110
J7109
V-7_A
J7108
GNDA
J7107
V+7_A
J7106
J7105
GNDD
J7115
XFANERR
J7114
J7113
JH7003
J7011
GND
J7010
V+12TRG
C7112
J7102
GNDD
J7103
J7104
GNDHP
CN7010
JH7004
GNDV
J7101
KN7004
CN7009
T CN7281
CN7010
A CN2503
(ANP7831-B)

SIDE B

F INTERFACE ASSY



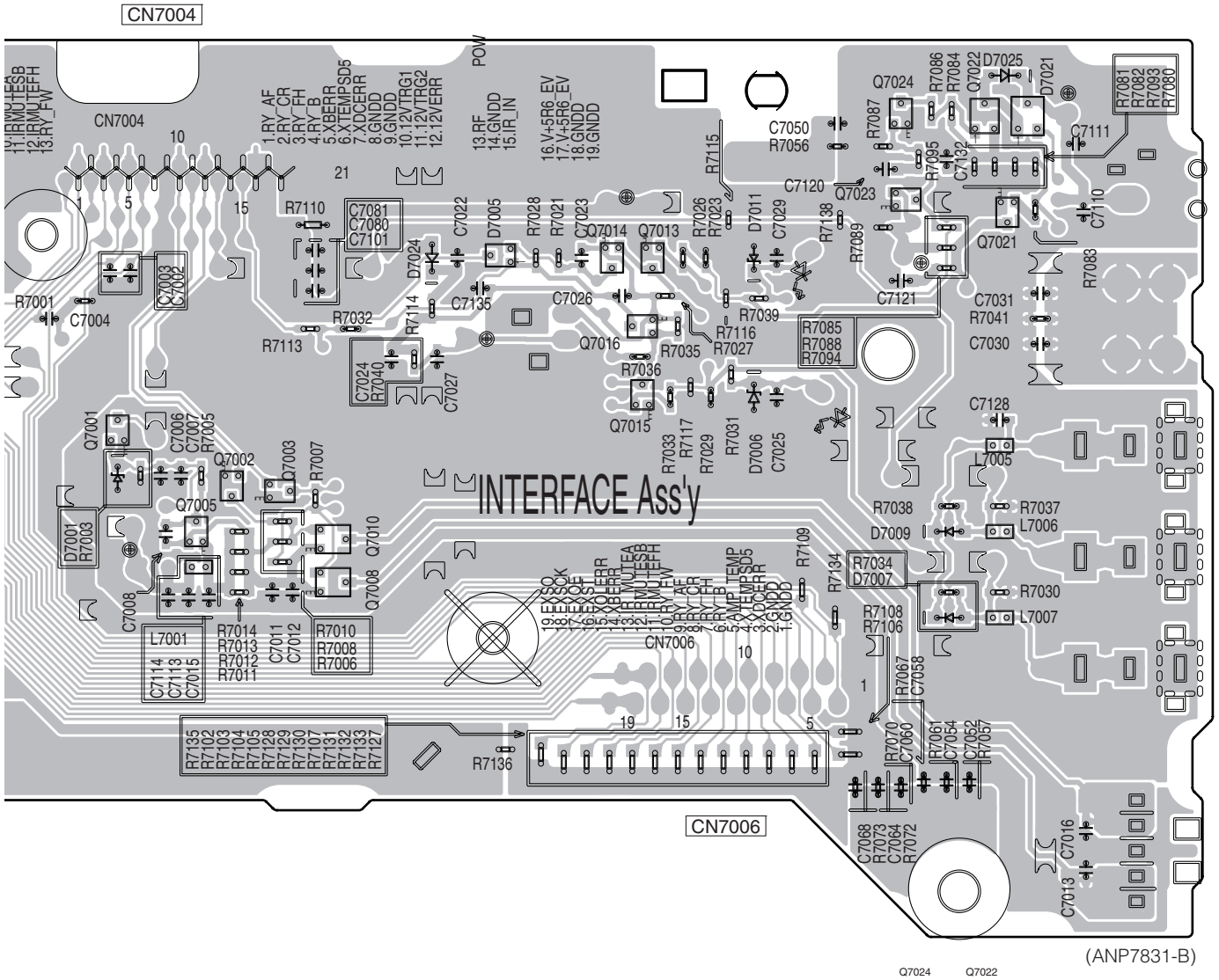
Q7028 Q7027

Q7026 Q7025 Q7001

Q

IC

SIDE B



Q7001 Q7002 Q7003 Q7005 Q7010 Q7008

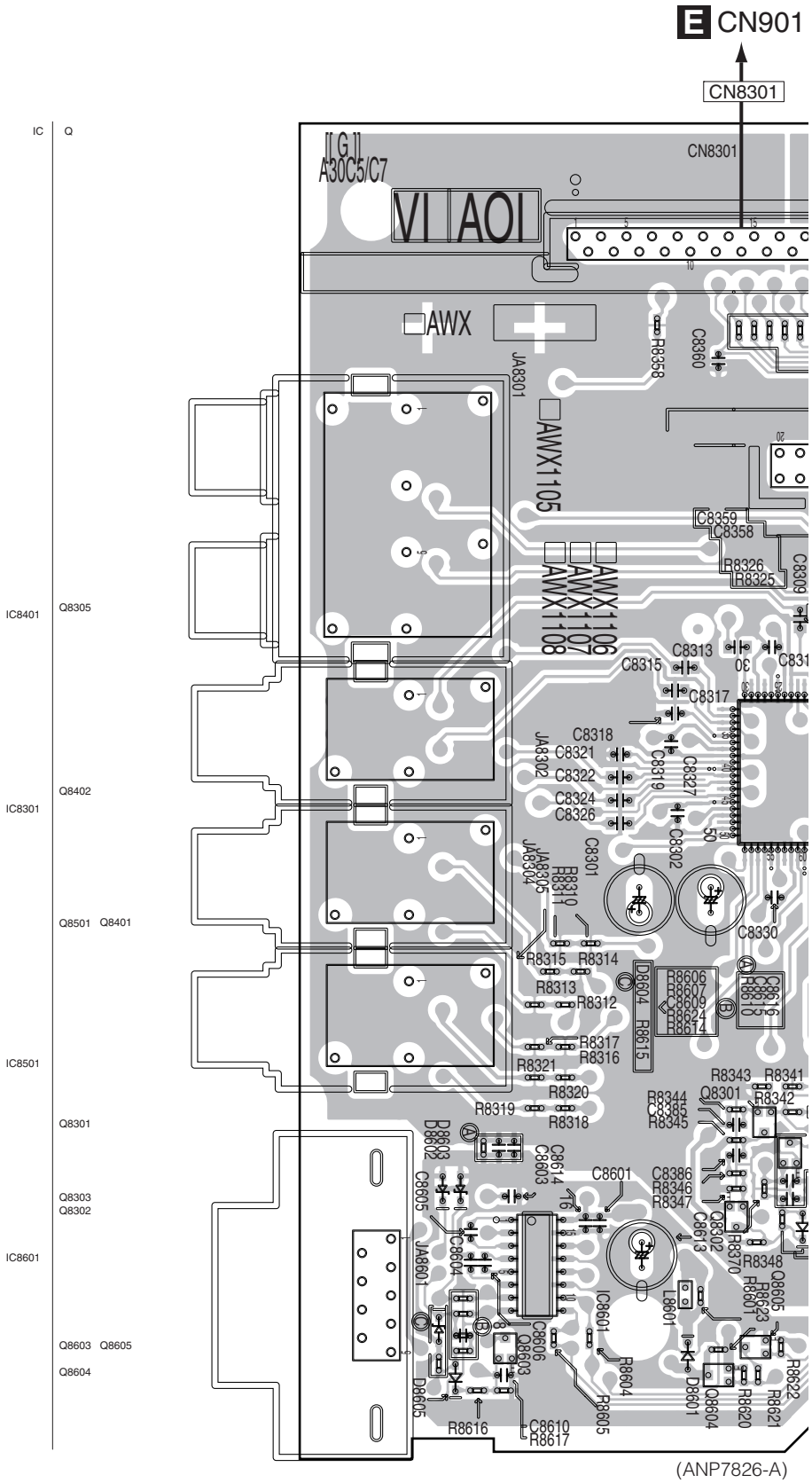
Q7014 Q7013 Q7016 Q7015

Q7024 Q7023 Q7022 Q7021

11.7 COMPONENT ASSY

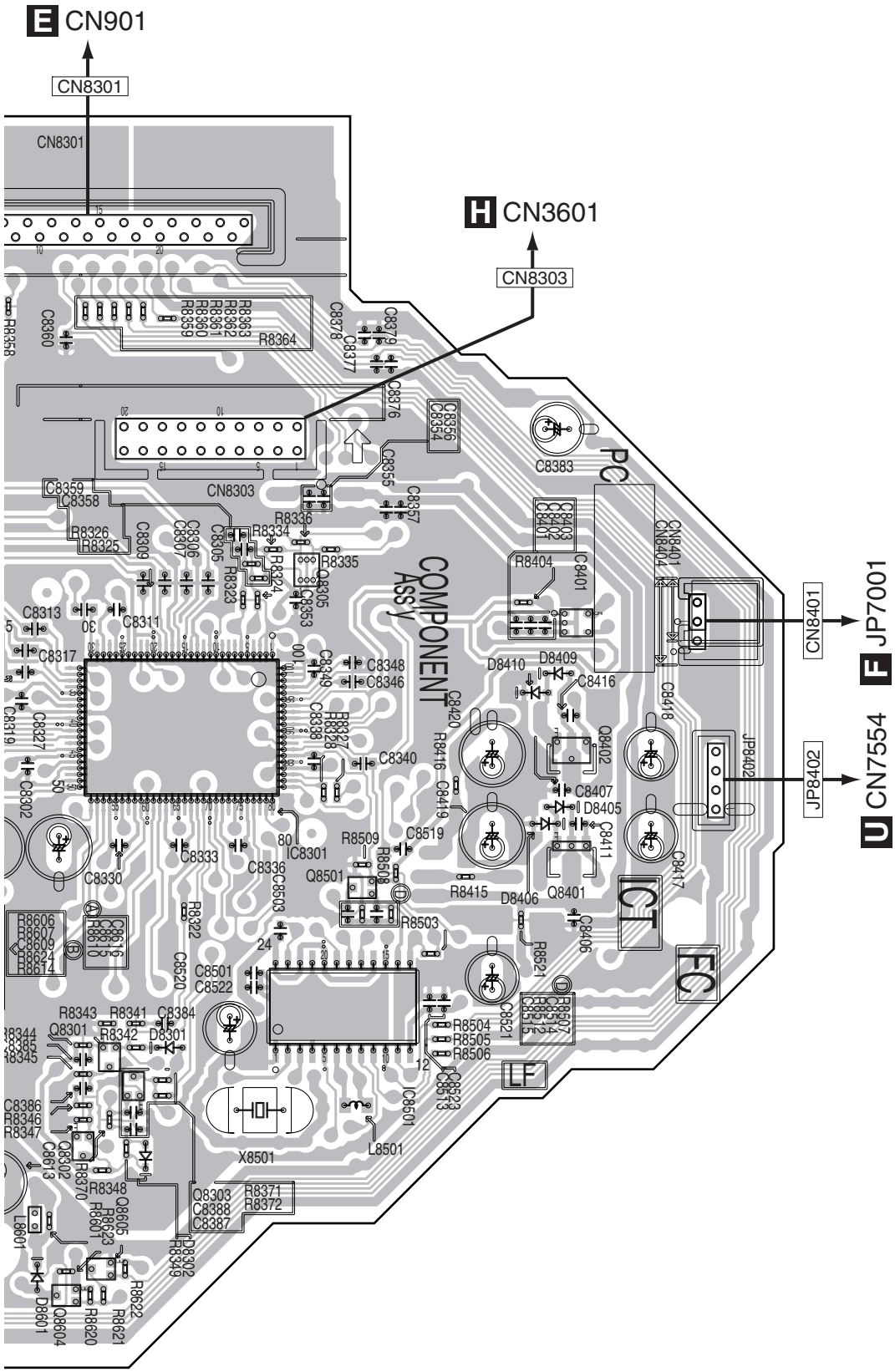
SIDE A

G COMPONENT ASSY



(ANP7826-A)

SIDE A



(ANP7826-A)

SIDE B

A

B

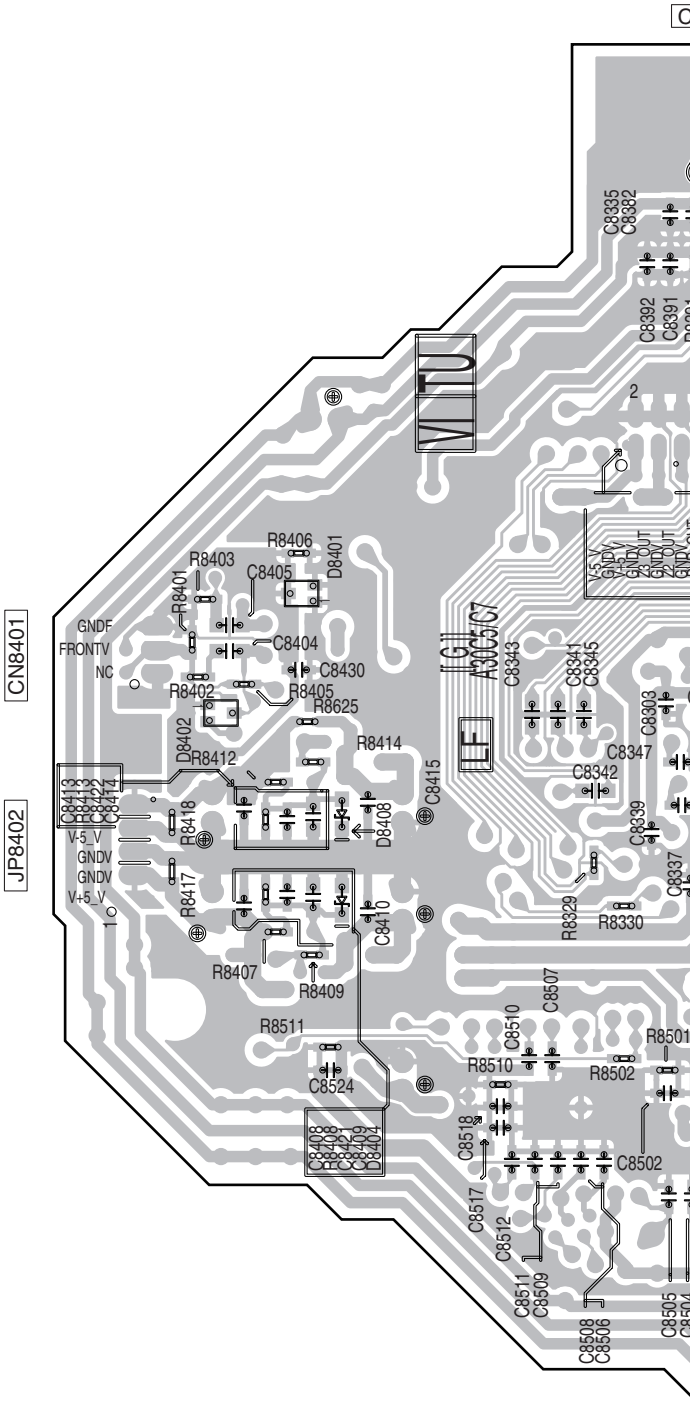
C

D

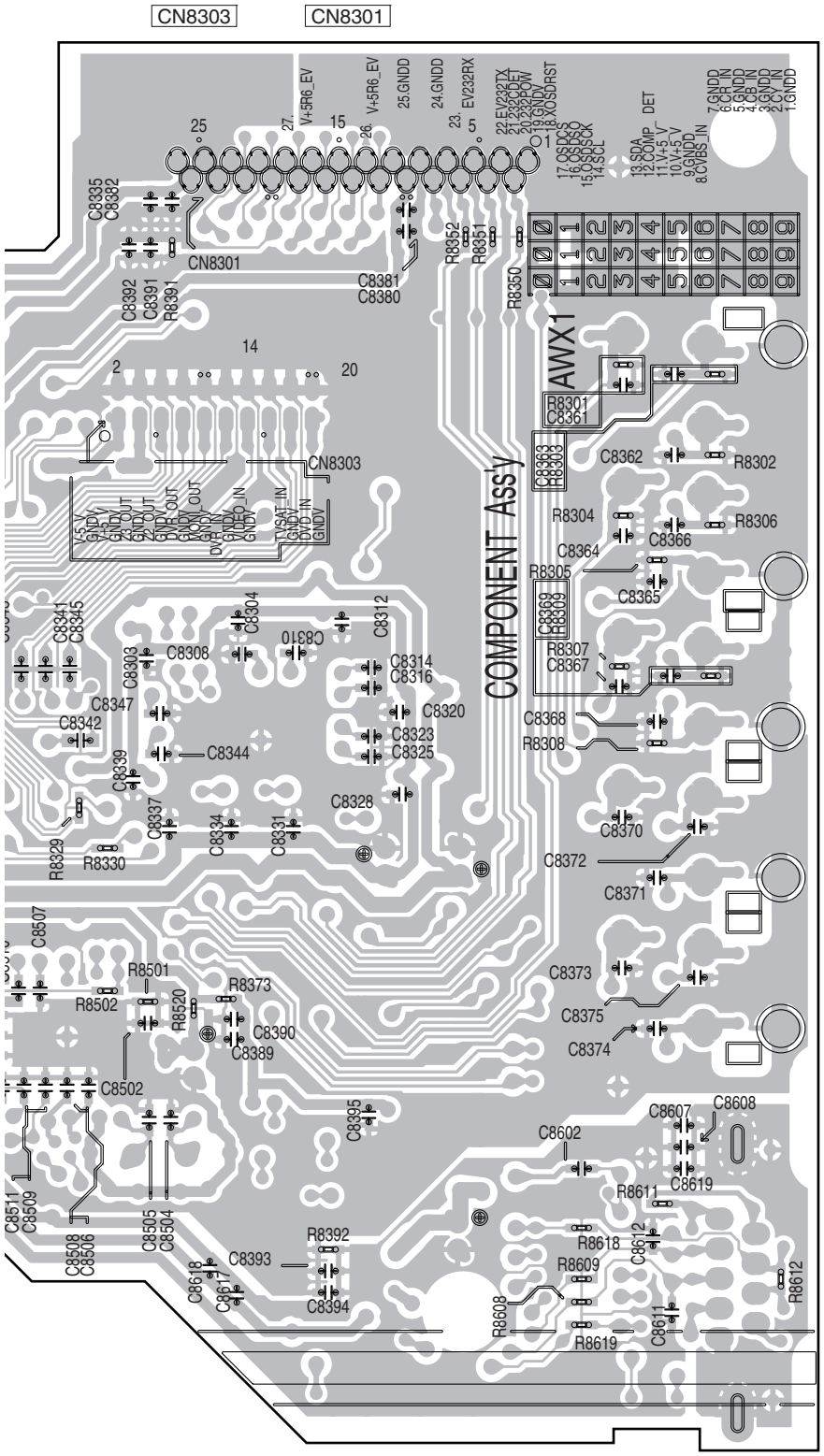
E

F

G COMPONENT ASSY



SIDE B



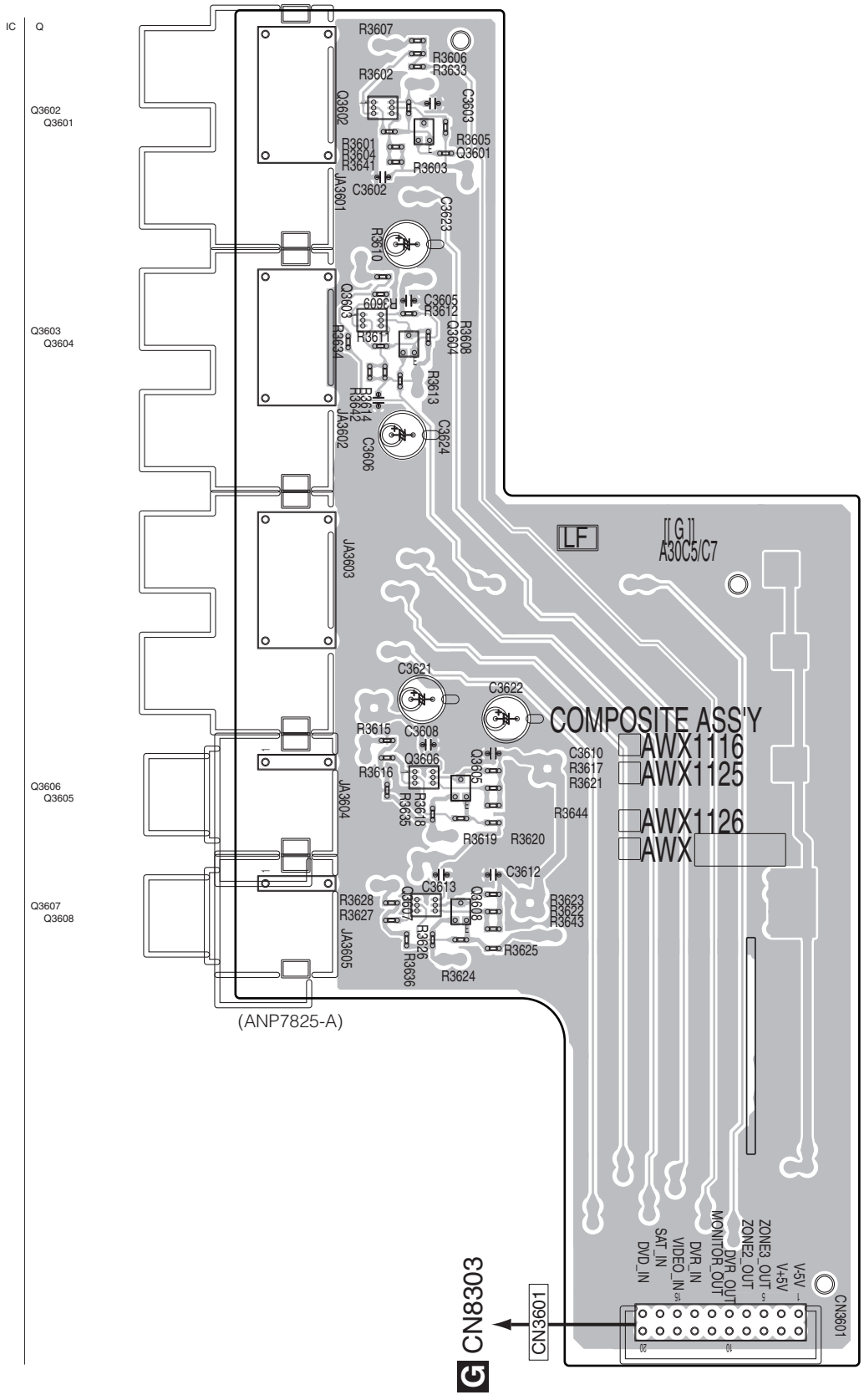
(ANP7826-A)

11.8 COMPOSITE ASSY

SIDE A

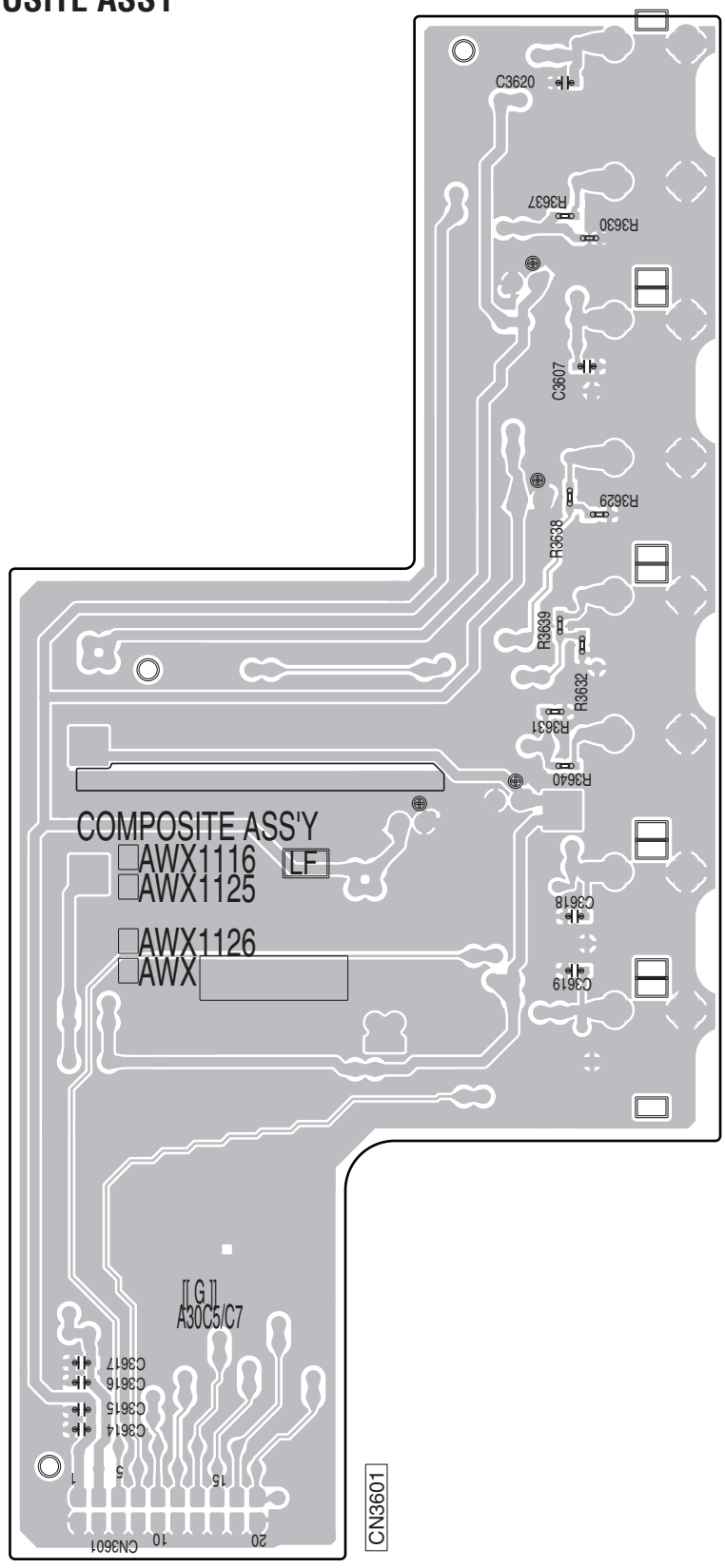
SIDE A

H COMPOSITE ASSY



SIDE B

H COMPOSITE ASSY



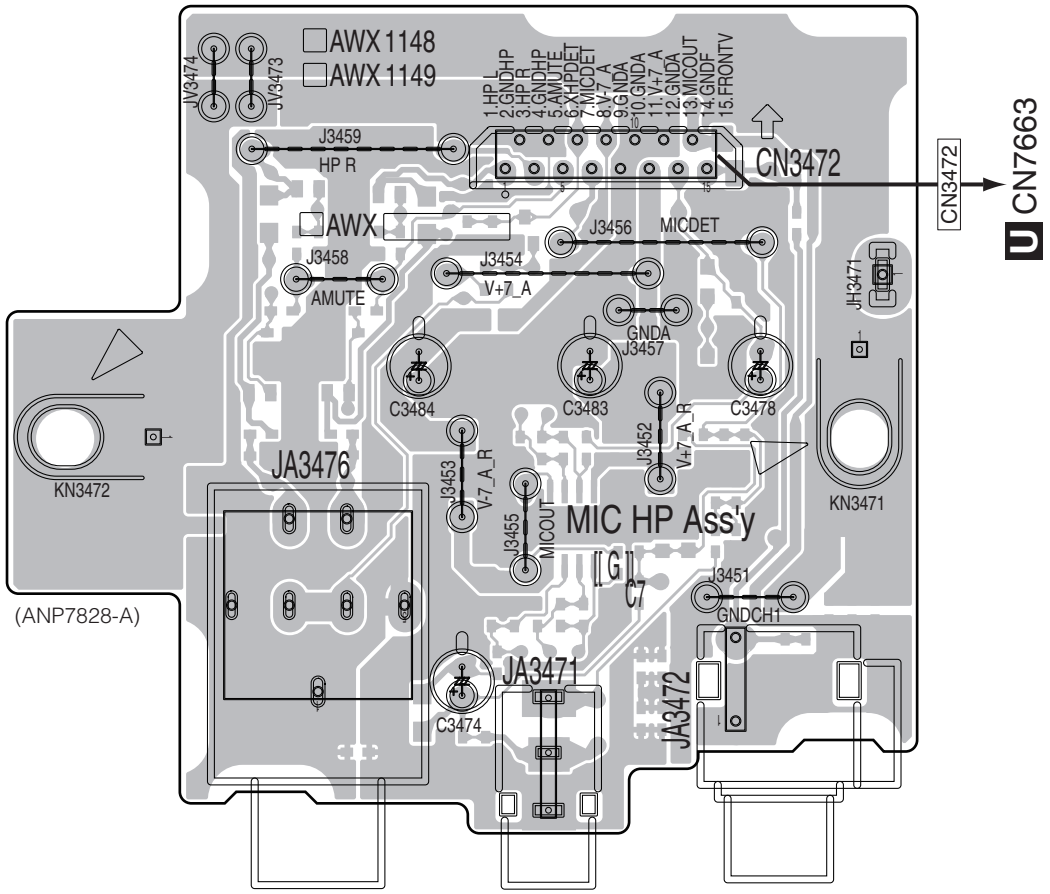
(ANP7825-A)

11.9 MIC HP ASSY

SIDE A

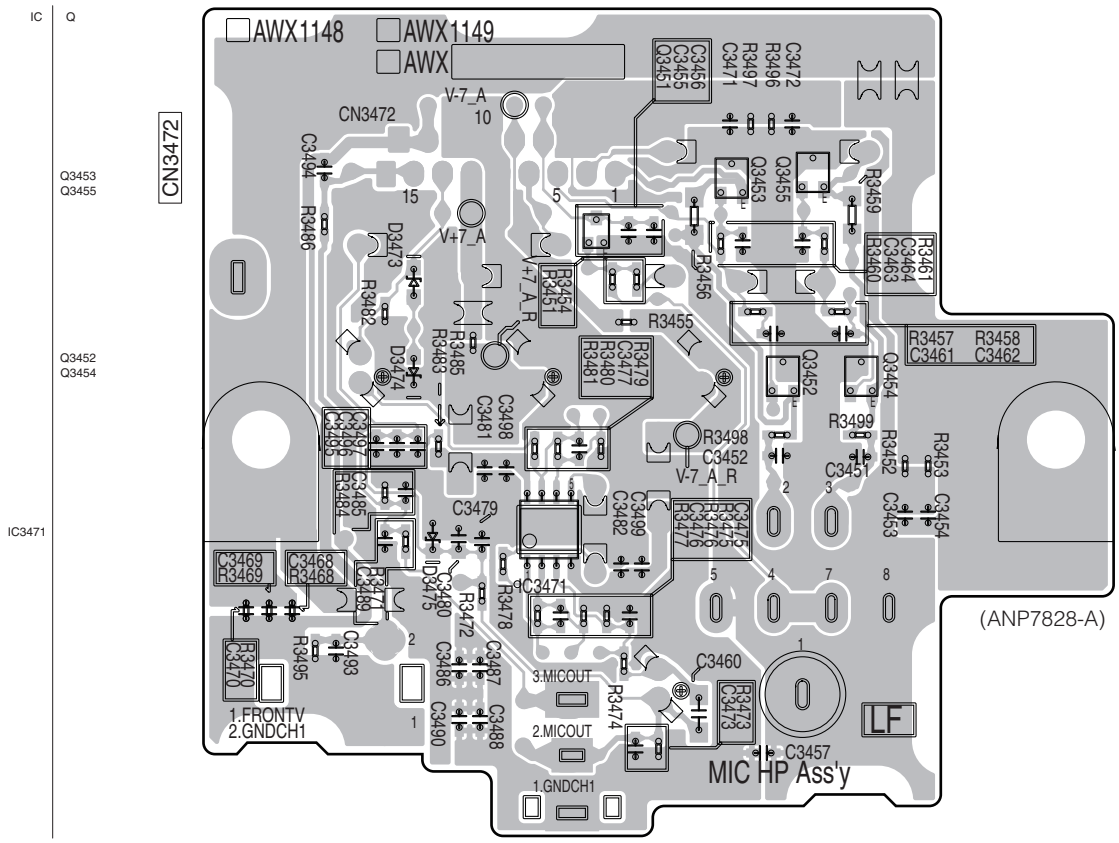
SIDE A

I MIC HP ASSY



SIDE B

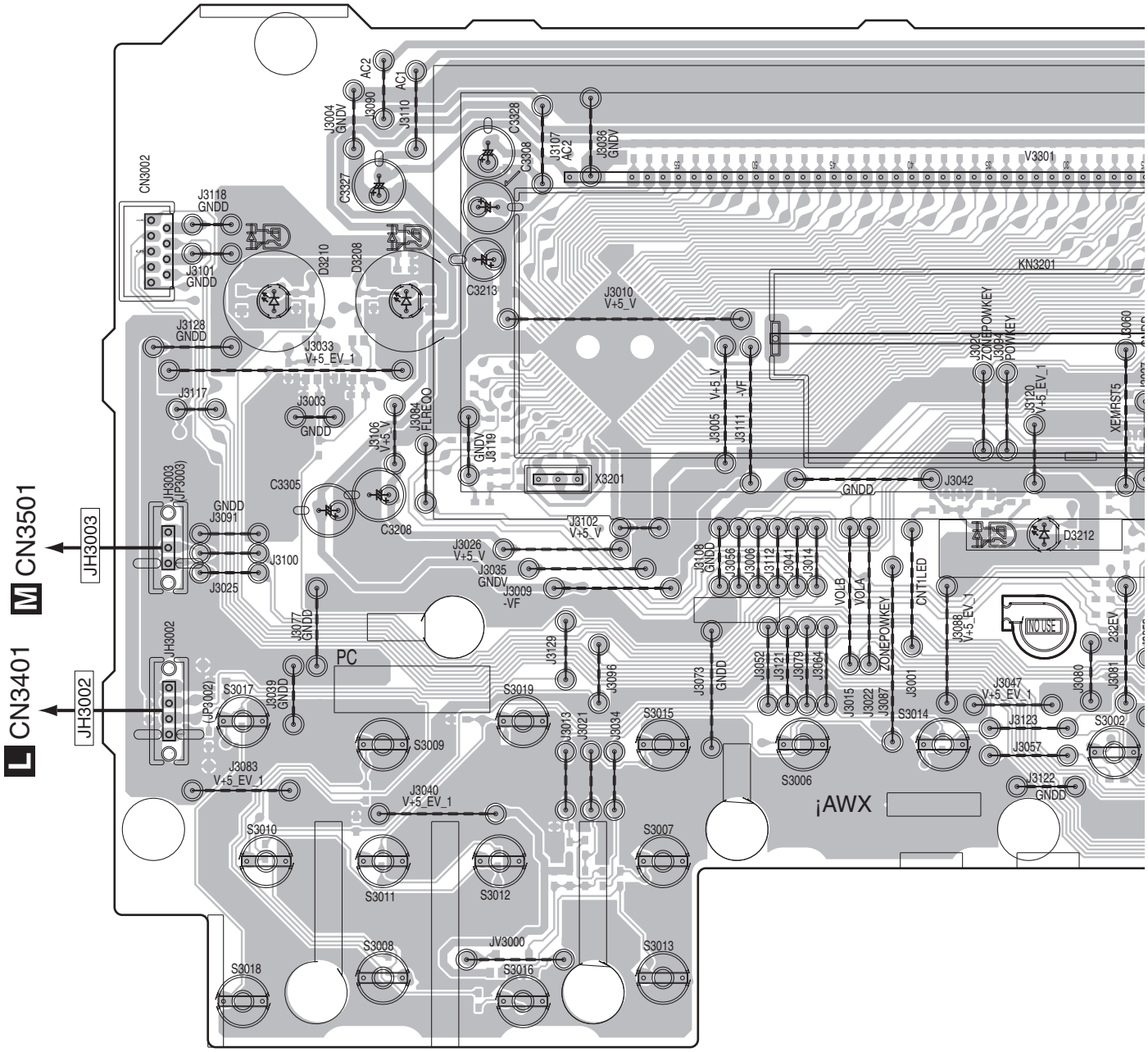
MIC HP ASSY



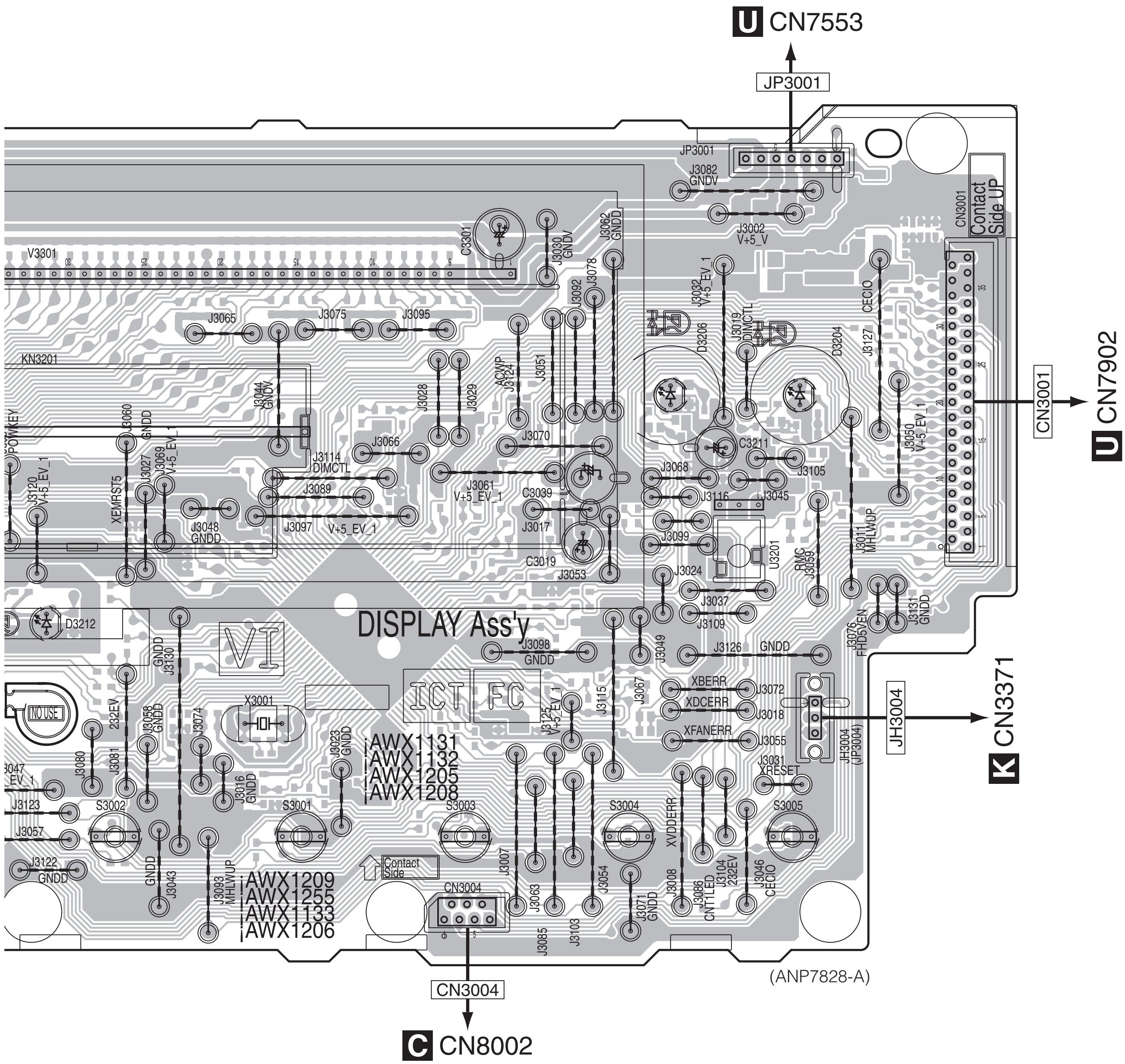
11.10 DISPLAY ASSY

SIDE A

J DISPLAY ASSY

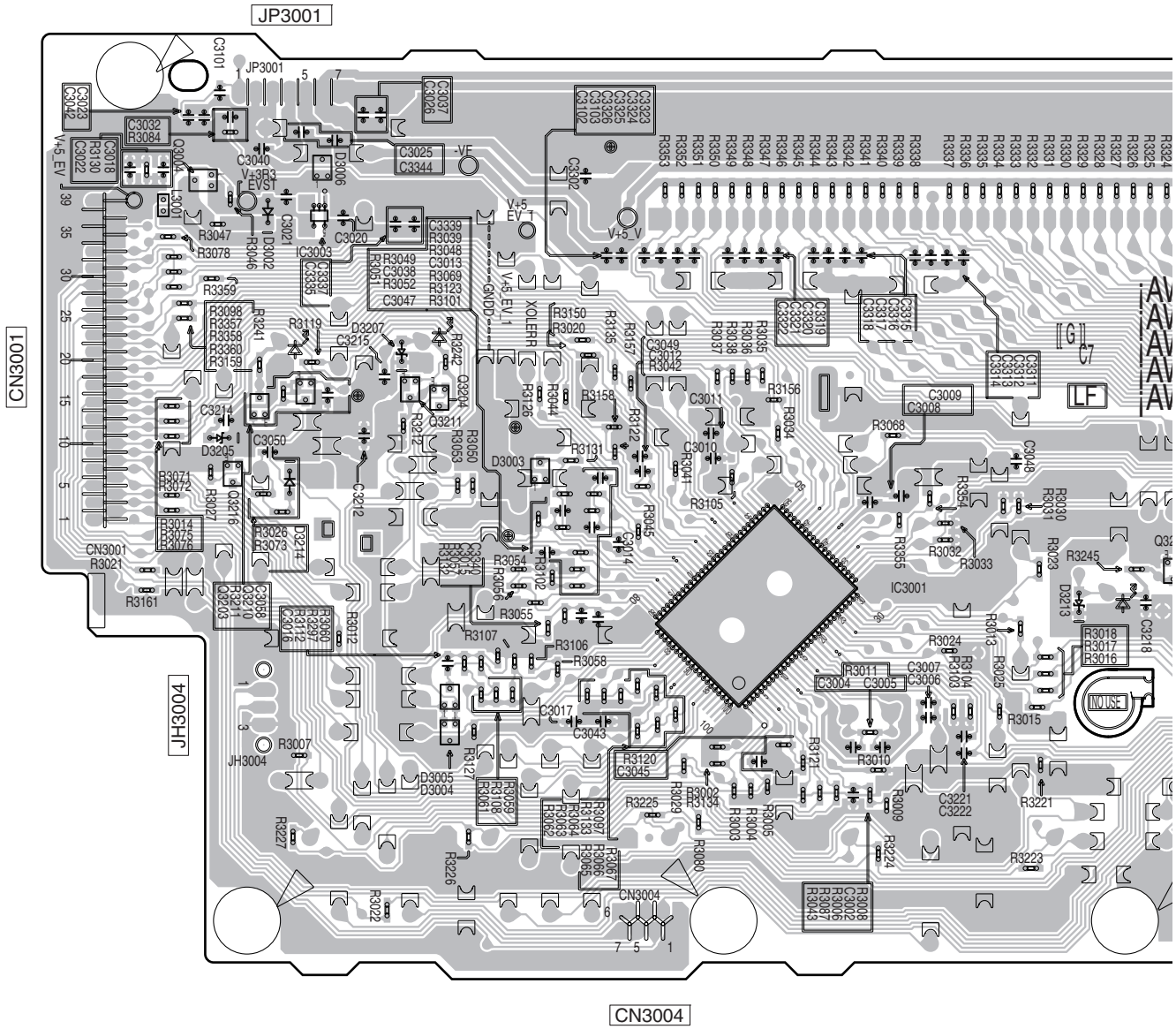


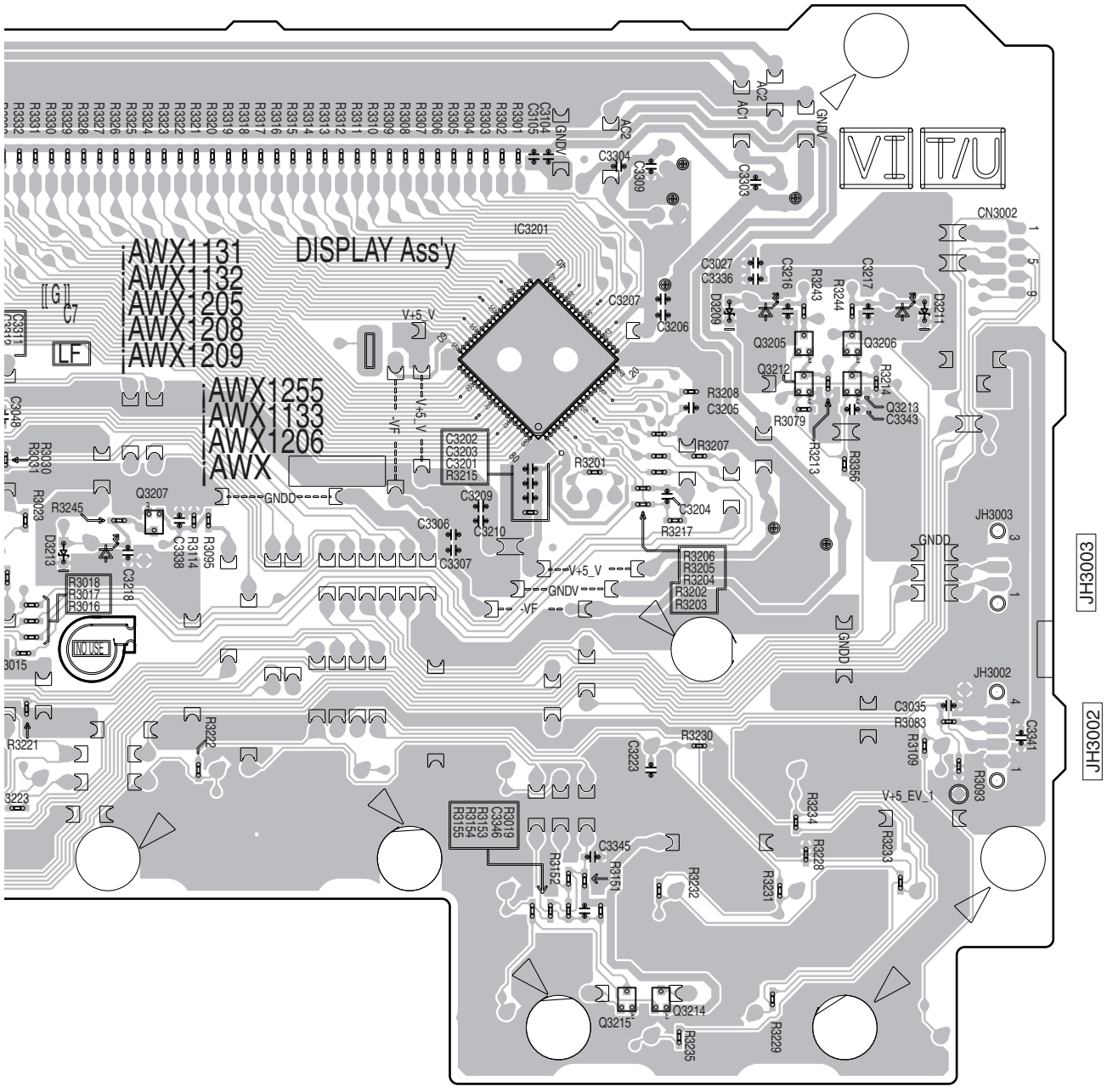
SIDE A



U CN7553
JP3001
CN3001
U CN7902
Contact Side UP
DISPLAY Ass'y
VI
ICT
FC
JH3004
K CN3371
¡AWX1131
¡AWX1132
¡AWX1205
¡AWX1208
¡AWX1209
¡AWX1255
¡AWX1133
¡AWX1206
Contact Side
CN3004
C CN8002
(ANP7828-A)

J DISPLAY ASSY





(ANP7828-A)

Q3205 Q3206
Q3212 Q3213

Q3215 Q3214

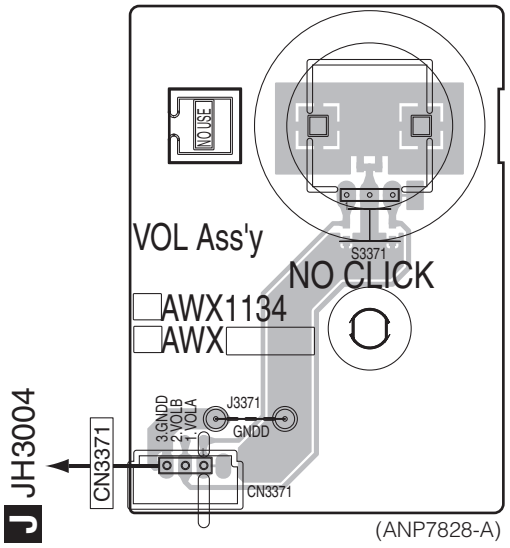
IC3201

11.11 VOL, POWER SW and ENCODER ASSYS

SIDE A

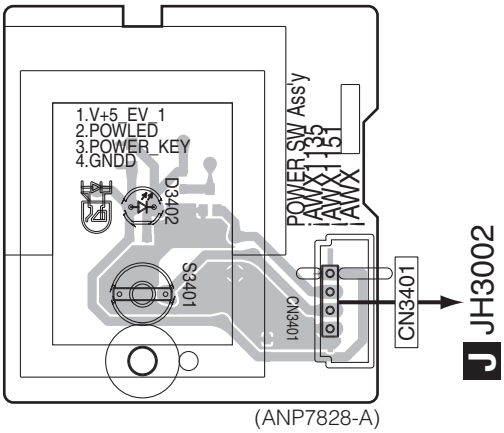
SIDE A

K VOL ASSY



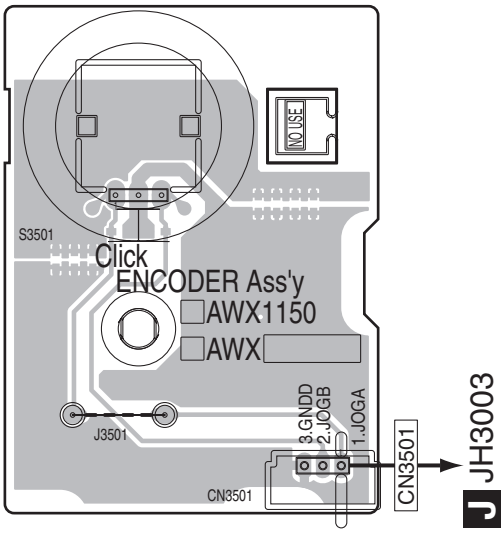
(ANP7828-A)

L POWER SW ASSY



(ANP7828-A)

M ENCODER ASSY



(ANP7828-A)

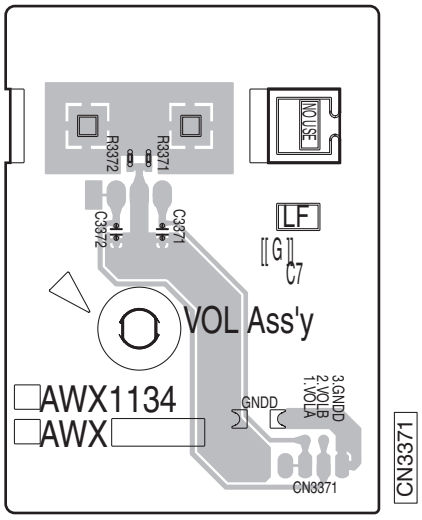
K L M

K L M

SIDE B

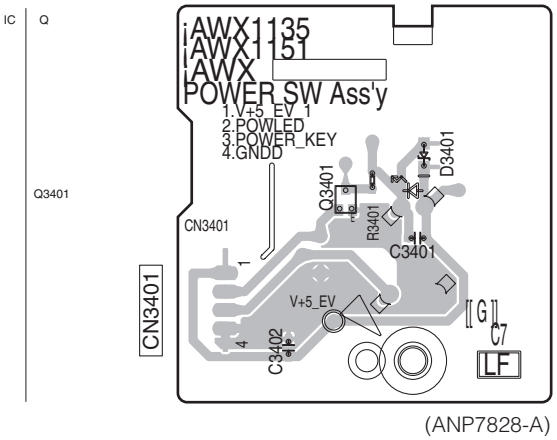
SIDE B

K VOL ASSY



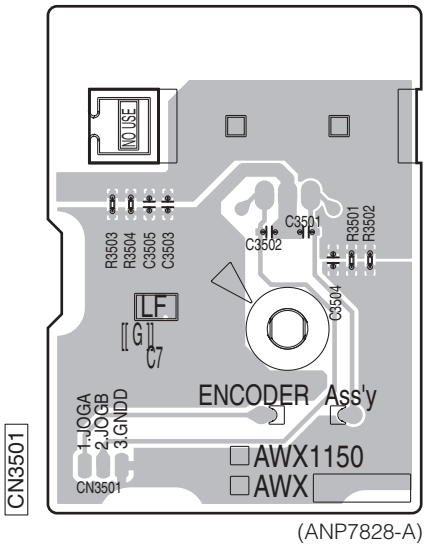
(ANP7828-A)

L POWER SW ASSY



(ANP7828-A)

M ENCODER ASSY



(ANP7828-A)

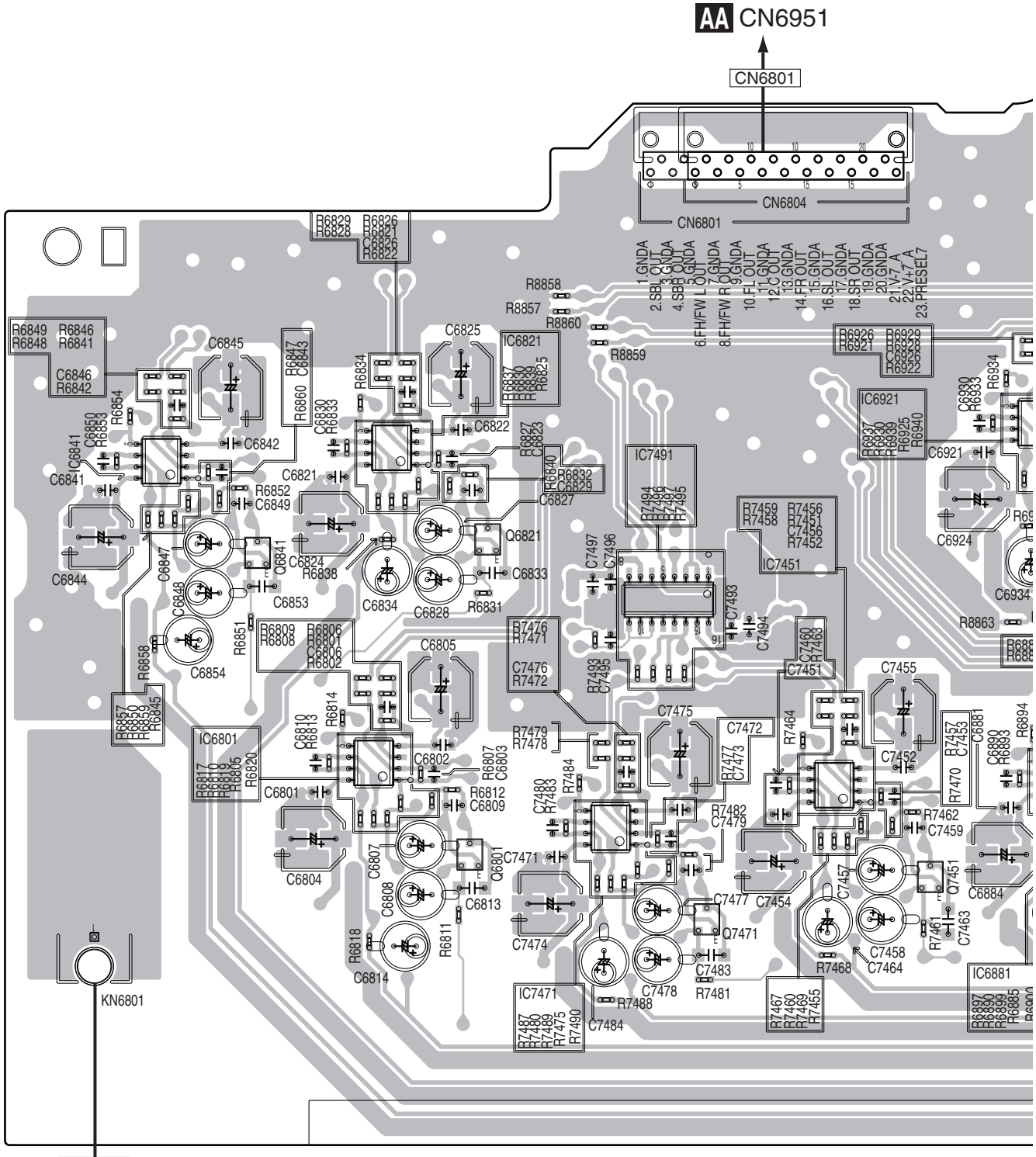
K L M

K L M

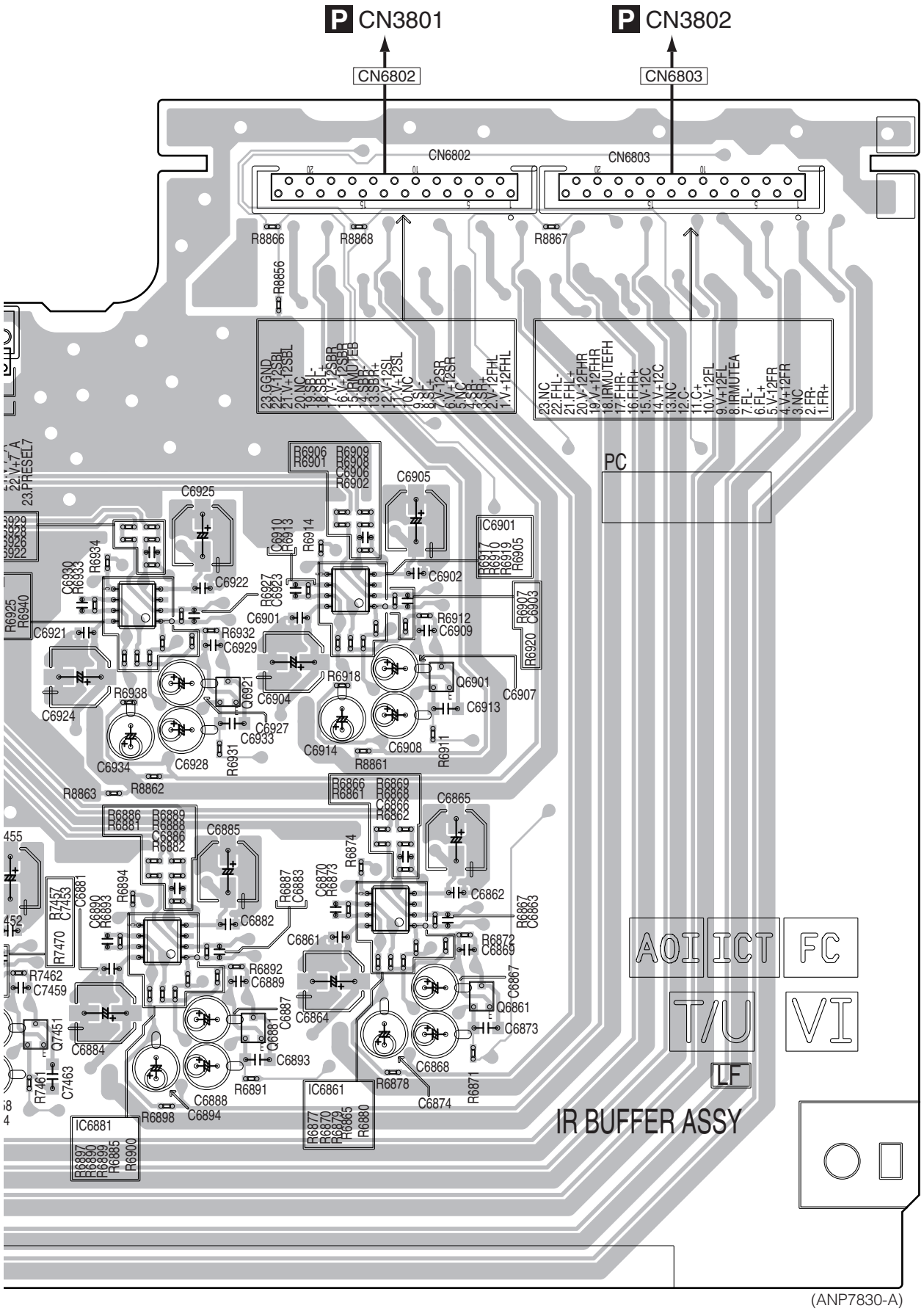
11.12 IR BUFFER ASSY

SIDE A

N IR BUFFER ASSY



SIDE A



Q IC

IC6901

IC6921
IC6821
IC6841

Q6921
Q6901

Q6841
Q6821

IC7491

IC6861
IC6801
IC7451
IC6881

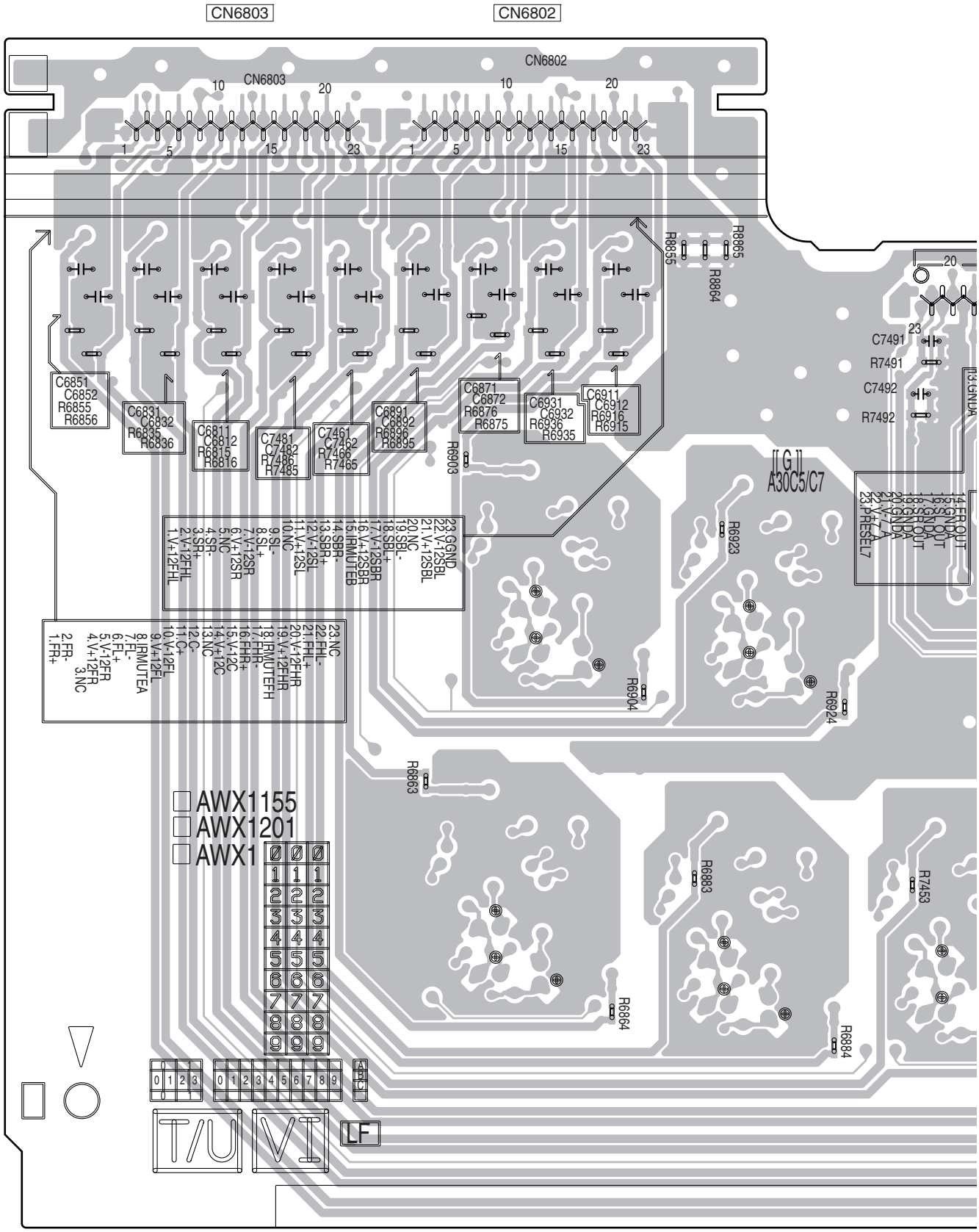
IC7471

Q6801
Q7451
Q6881
Q6861

Q7471

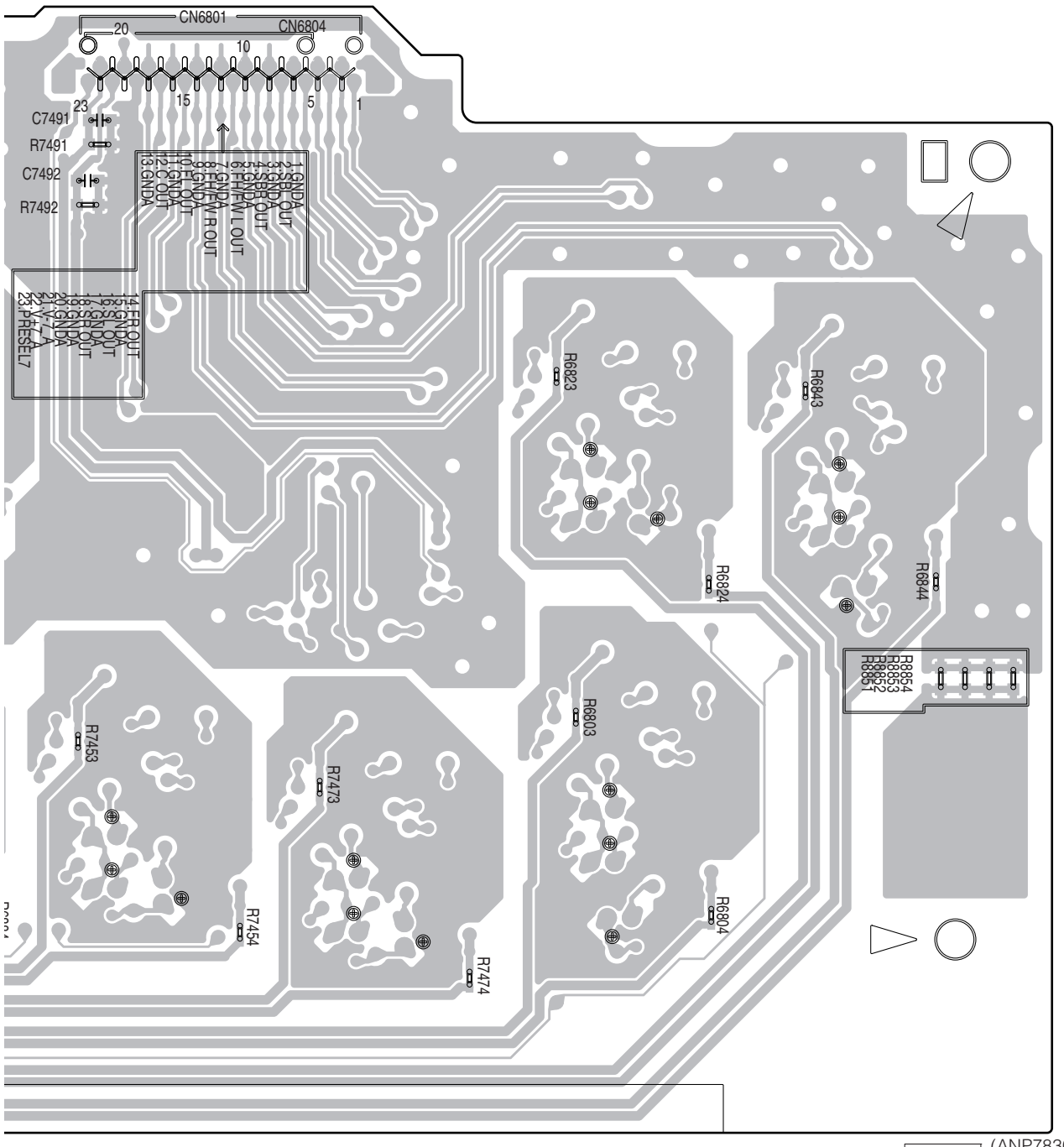
SIDE B

N IR BUFFER ASSY



SIDE B

CN6801



KN6801 (ANP7830-A)

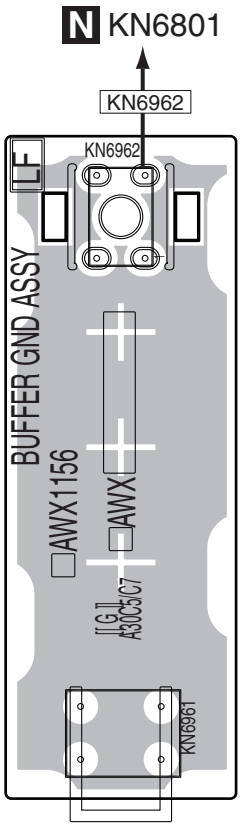
11.13 BUFFER GND ASSY and IR INTERFACE ASSY

SIDE A

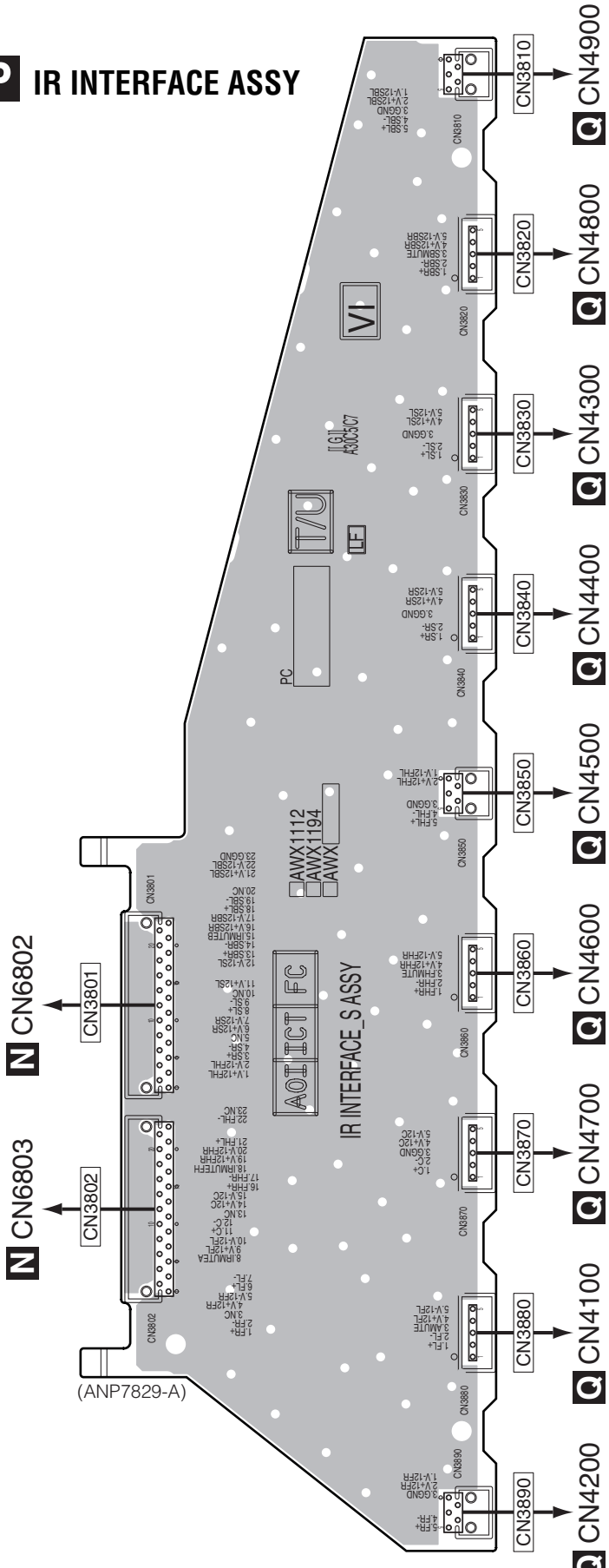
SIDE A

P IR INTERFACE ASSY

O BUFFER GND ASSY



(ANP7830-A)



(ANP7829-A)

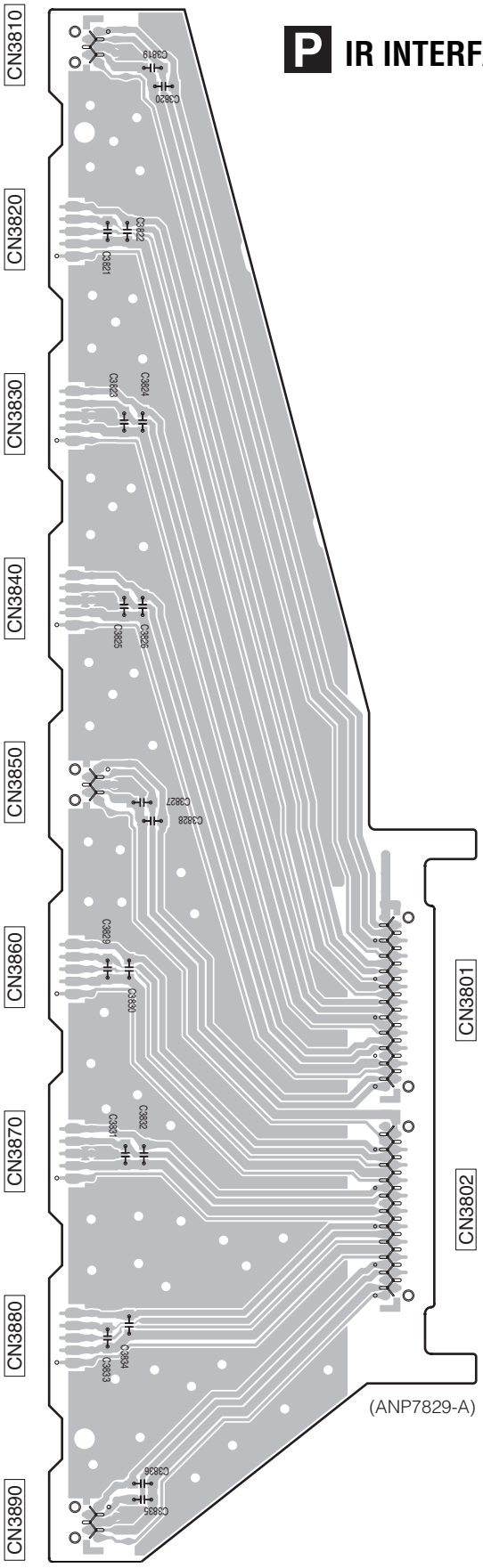
O P

O P

SIDE B

SIDE B

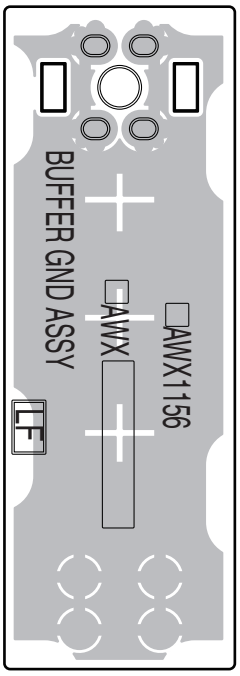
P IR INTERFACE ASSY



(ANP7829-A)

O BUFFER GND ASSY

KN6962



(ANP7830-A)

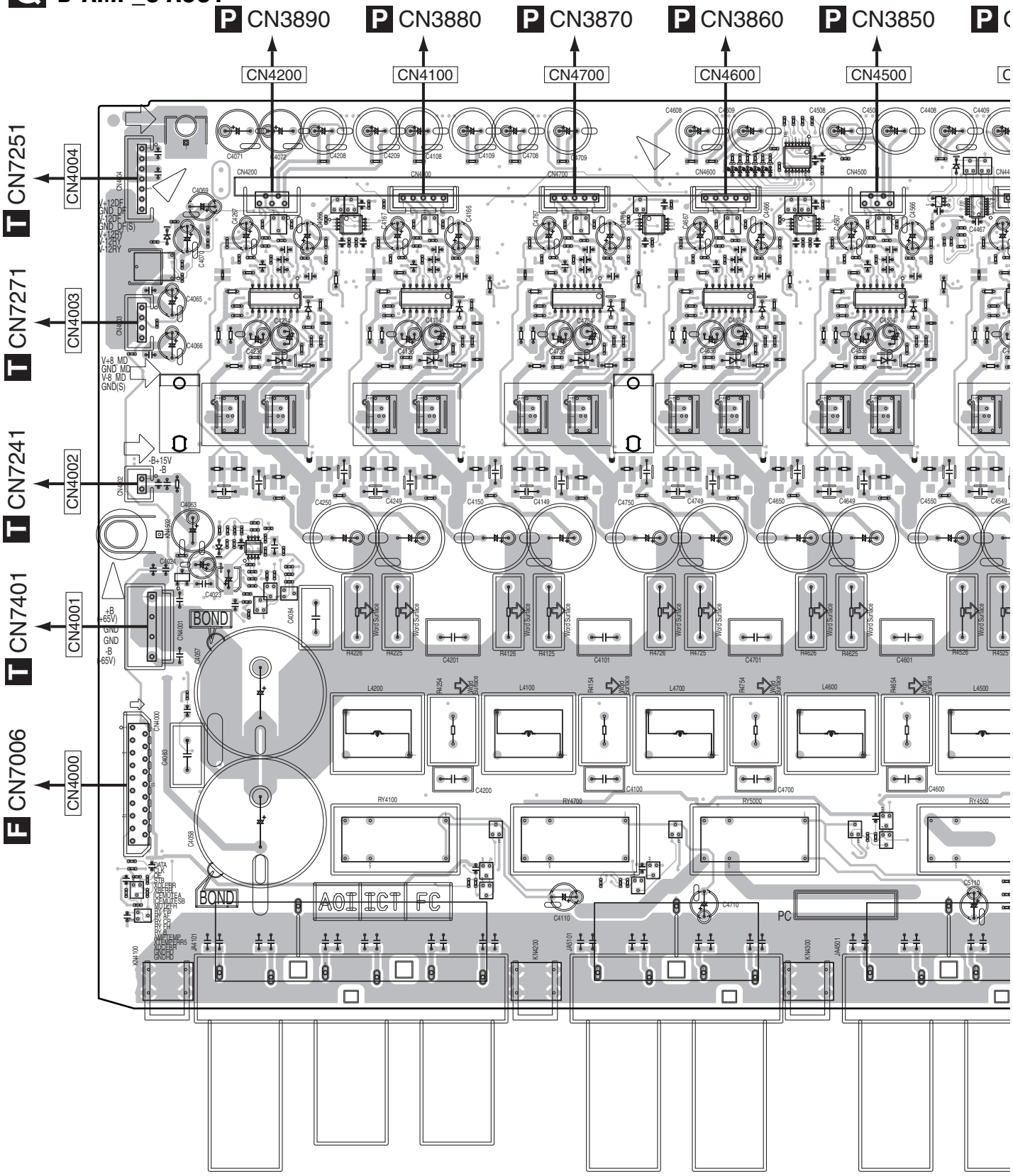
O P

O P

11.14 D-AMP_S ASSY

SIDE A

Q D-AMP_S ASSY



SIDE A

A

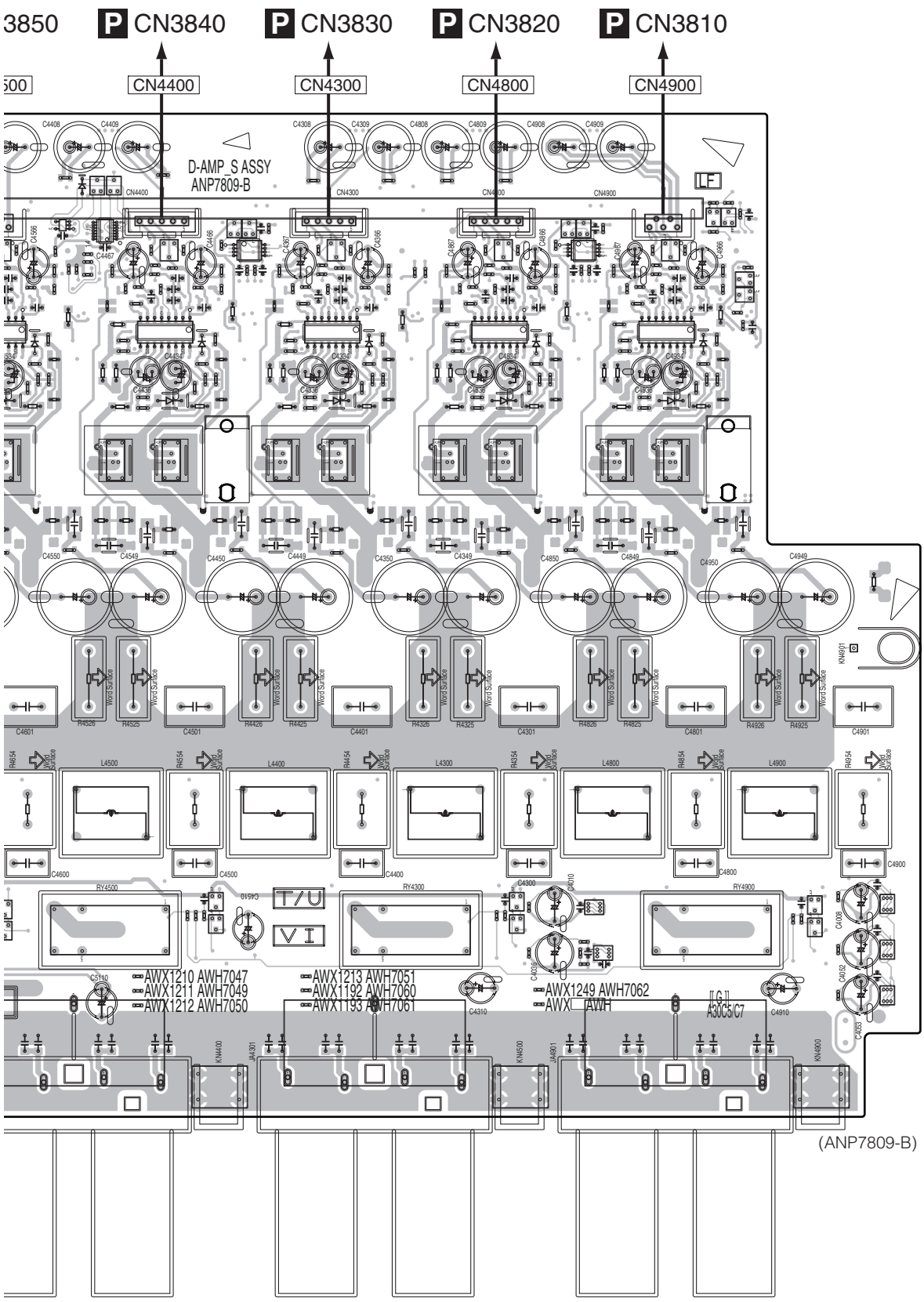
B

C

D

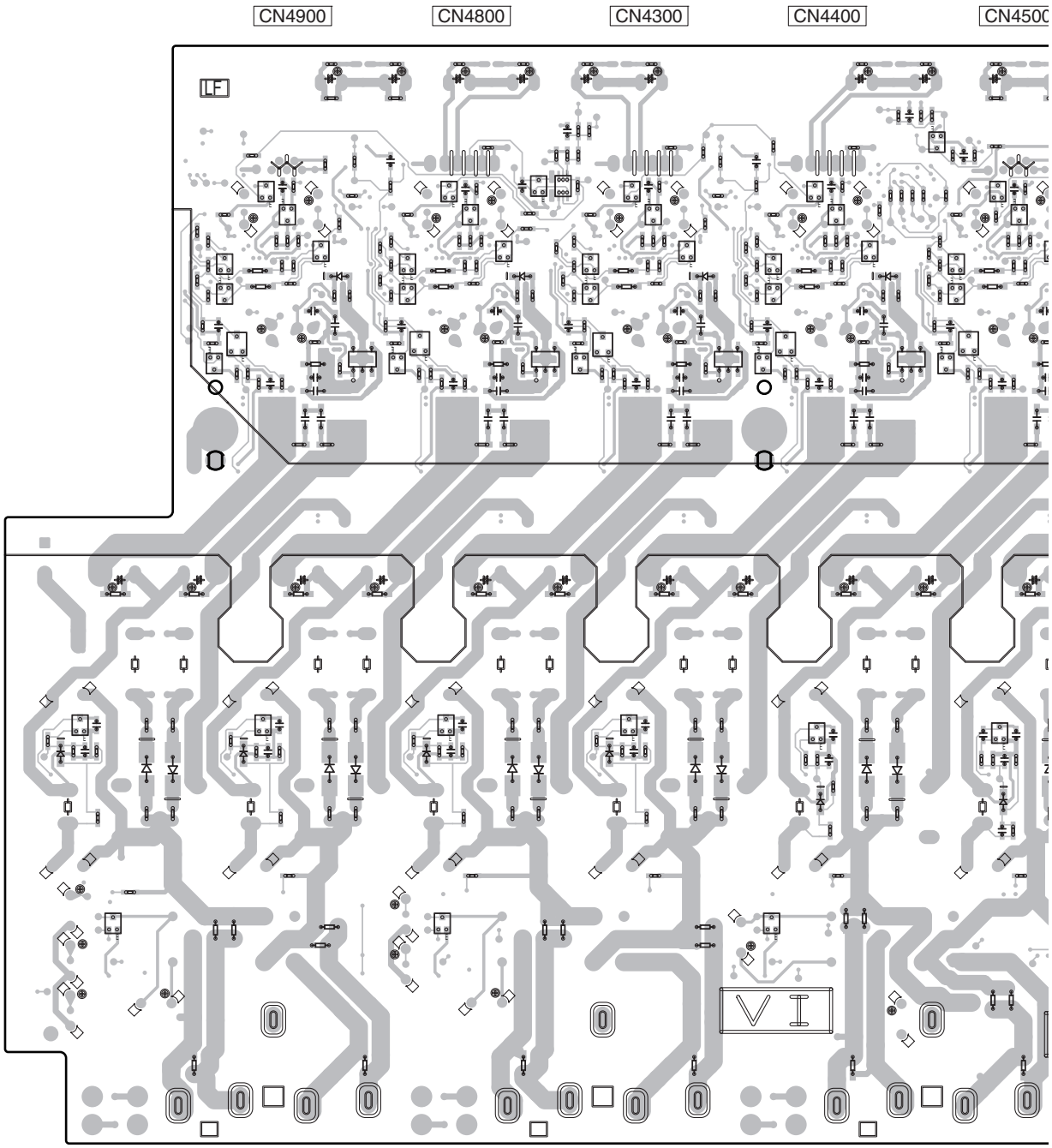
E

F

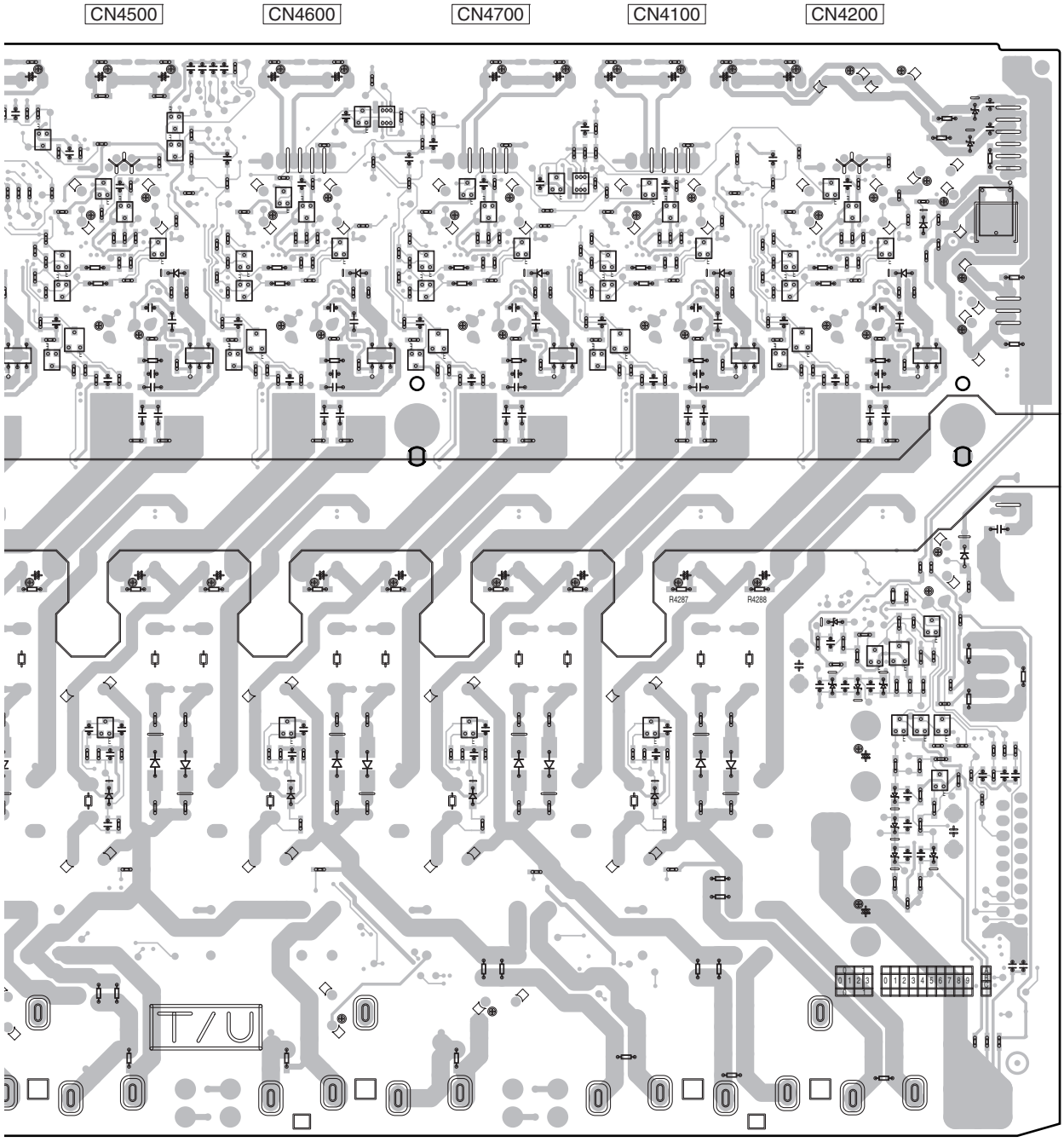


SIDE B

Q D-AMP_S ASSY



SIDE B

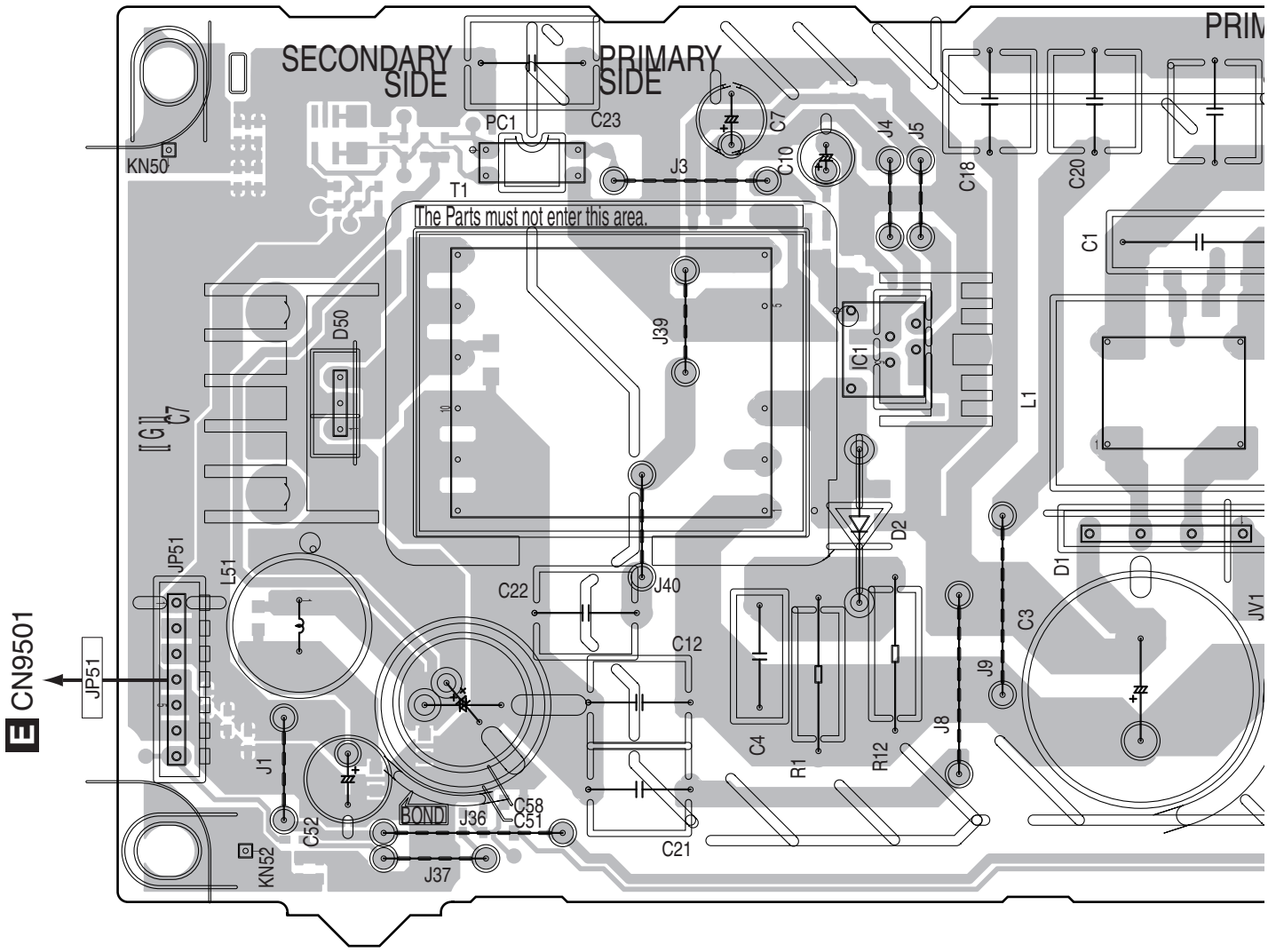


(ANP7809-B)

11.15 PRIMARY ASSY

SIDE A

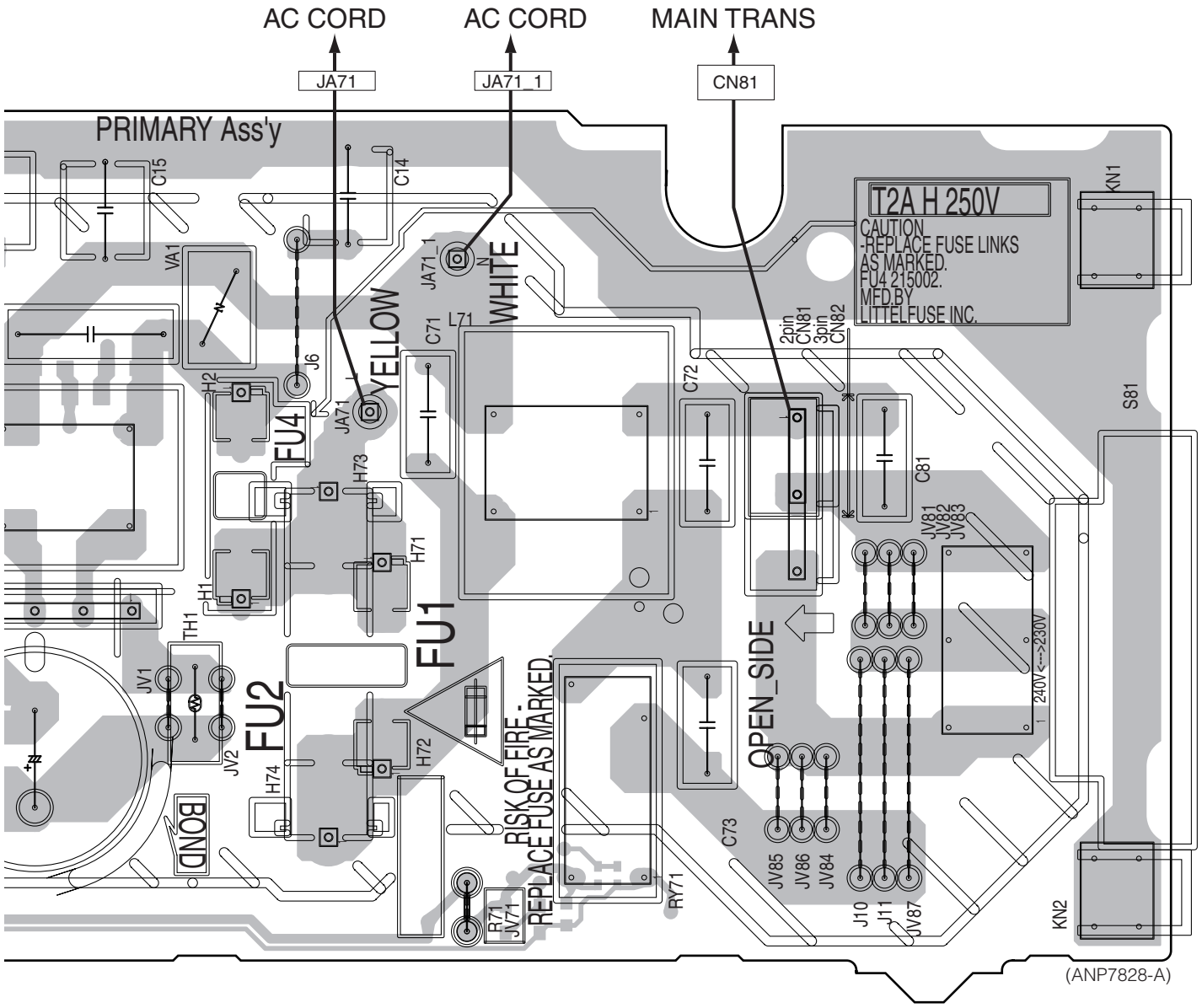
R PRIMARY ASSY



Q

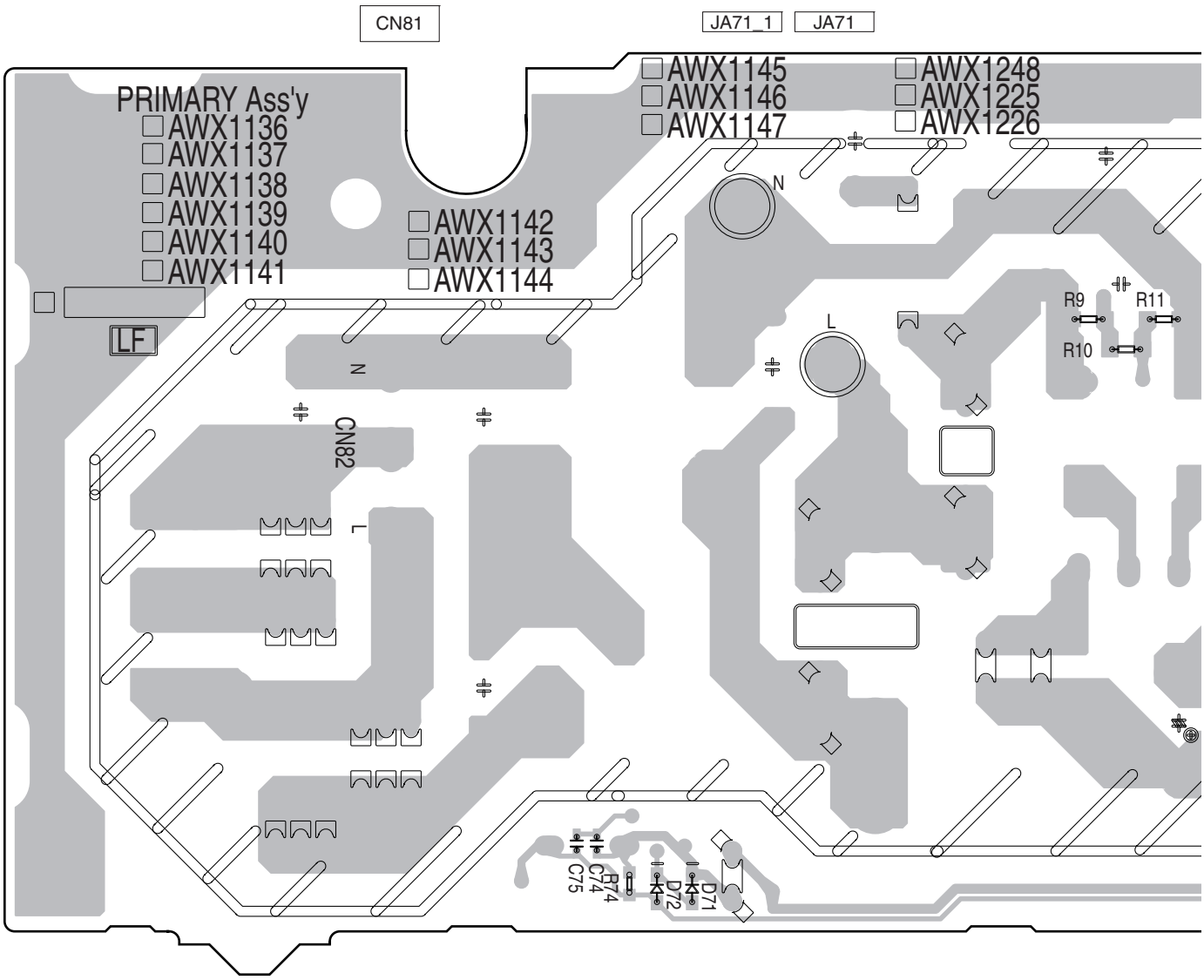
IC

IC1


AC CORD
AC CORD
MAIN TRANS
JA71
JA71_1
CN81
PRIMARY Ass'y
T2A H 250V
CAUTION
-REPLACE FUSE LINKS
AS MARKED.
FU4 215002.
MFD.BY
LITTELFUSE INC.
YELLOW
WHITE
FU1
FU2
FU4
OPEN_SIDE
RISK OF FIRE-
REPLACE FUSE AS MARKED.
BOND
240V<-->230V
(ANP7828-A)

SIDE B

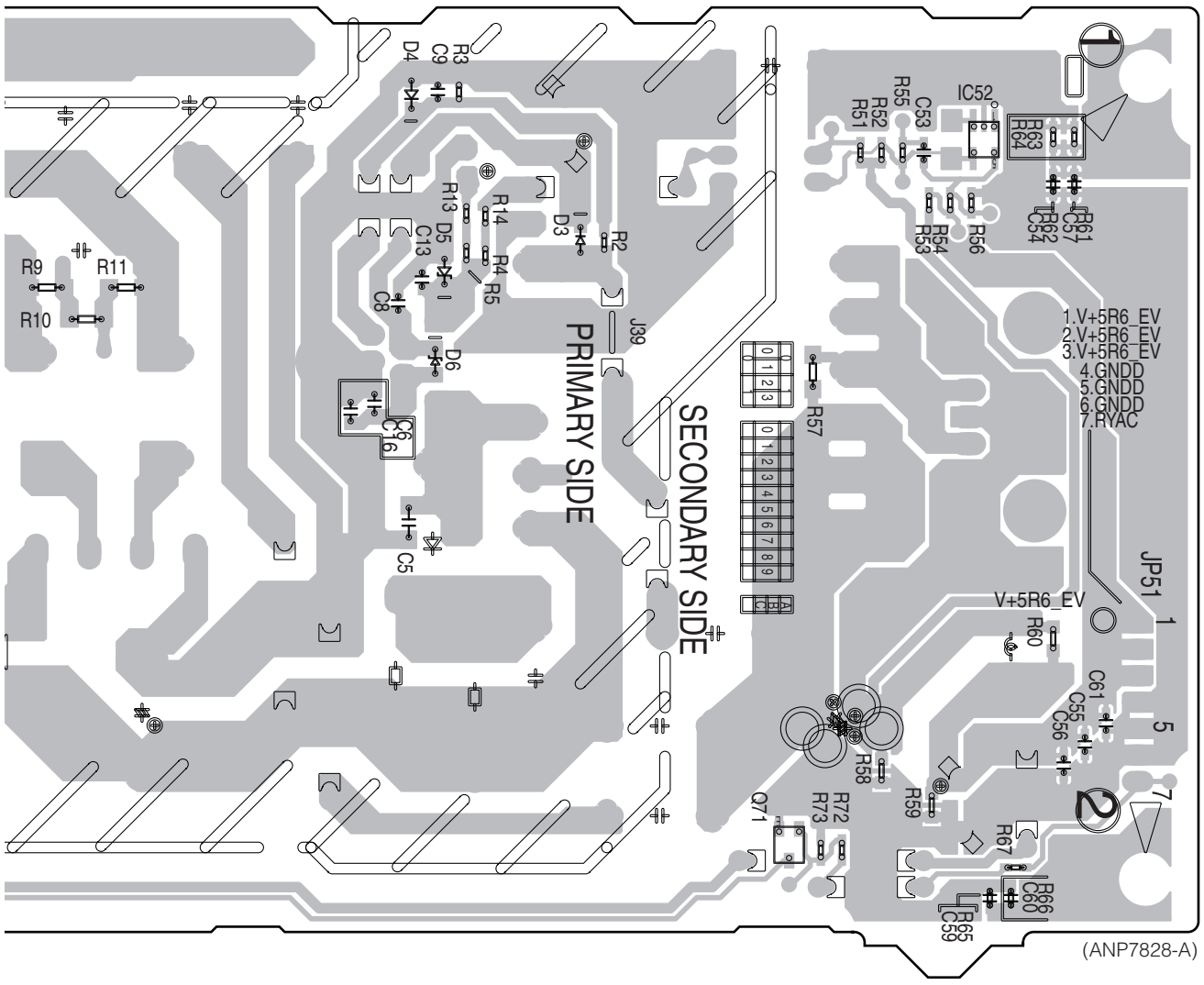
R PRIMARY ASSY



Q

IC

SIDE B



(ANP7828-A)

Q71

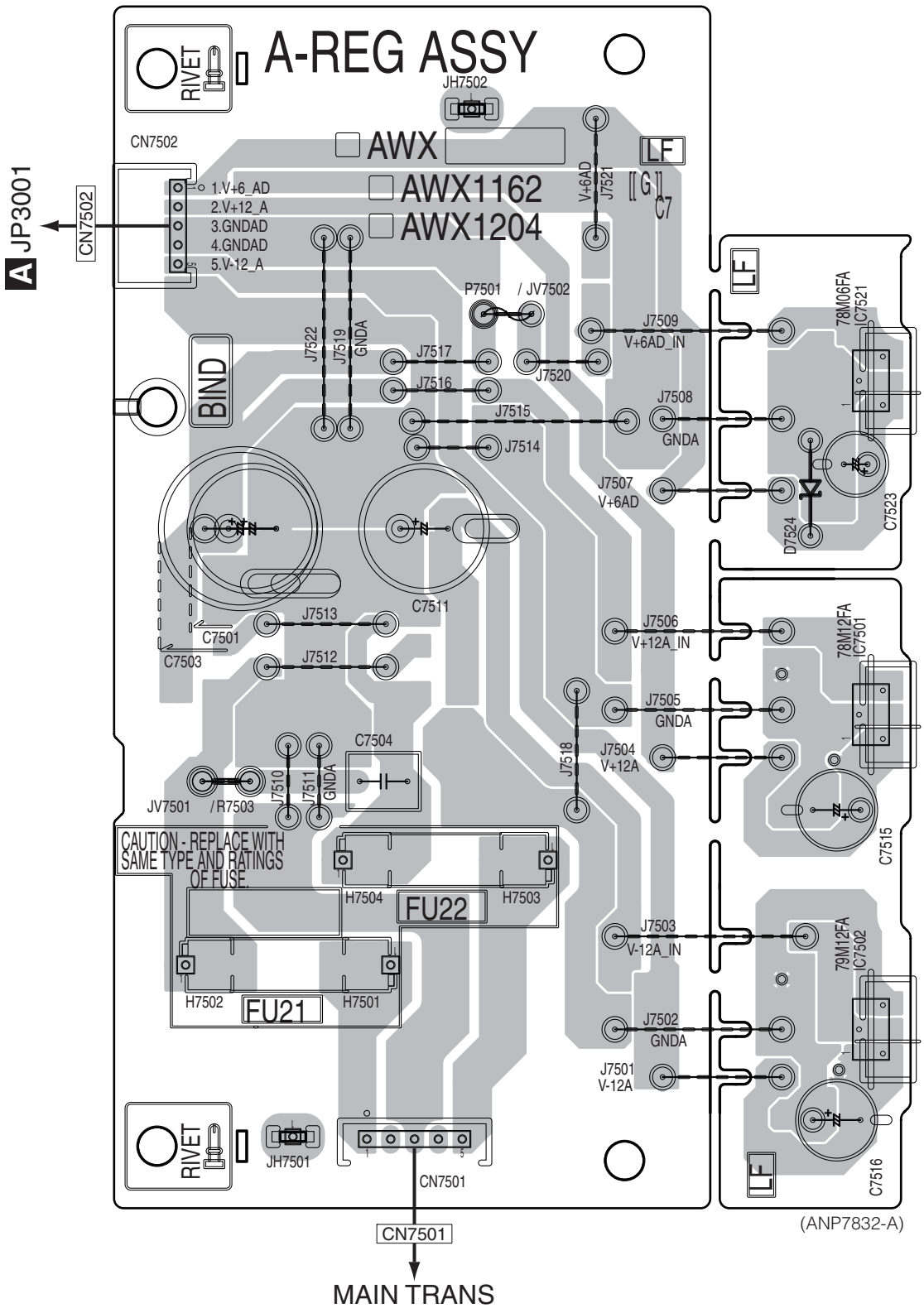
IC52

11.16 A-REG ASSY

SIDE A

SIDE A

S A-REG ASSY

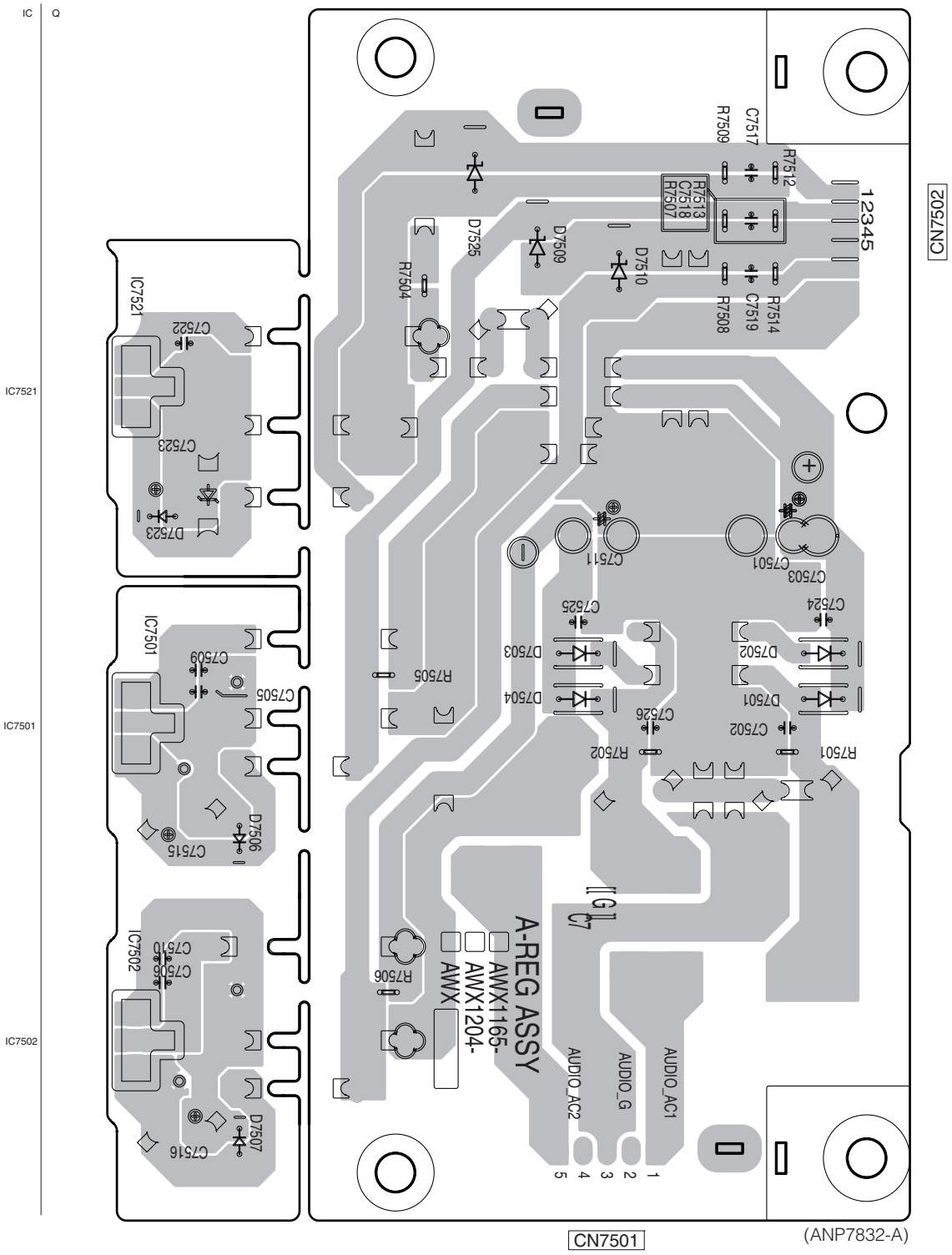


S

S

SIDE B

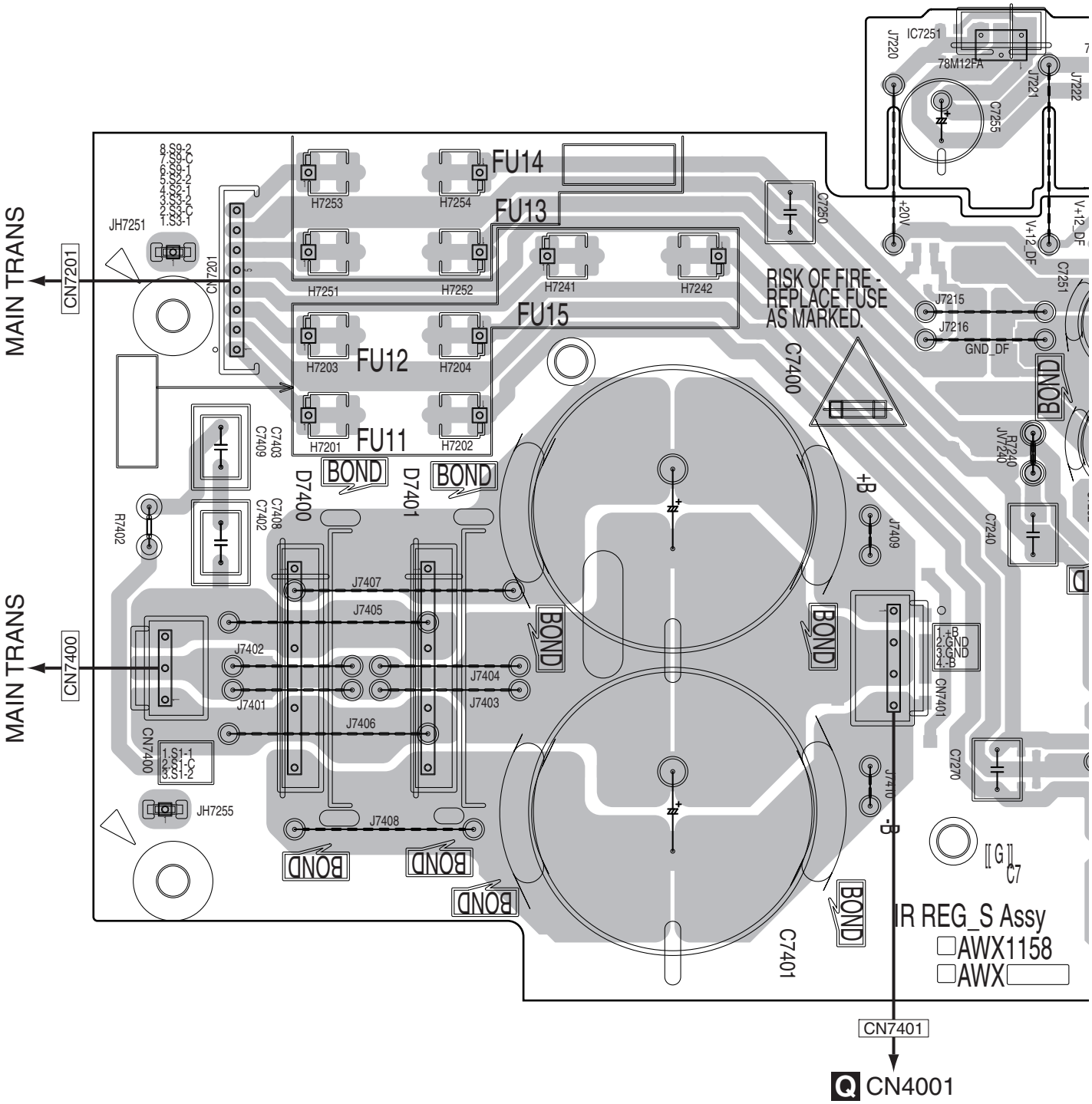
S A-REG ASSY



11.17 IR REG ASSY

SIDE A

T IR REG ASSY

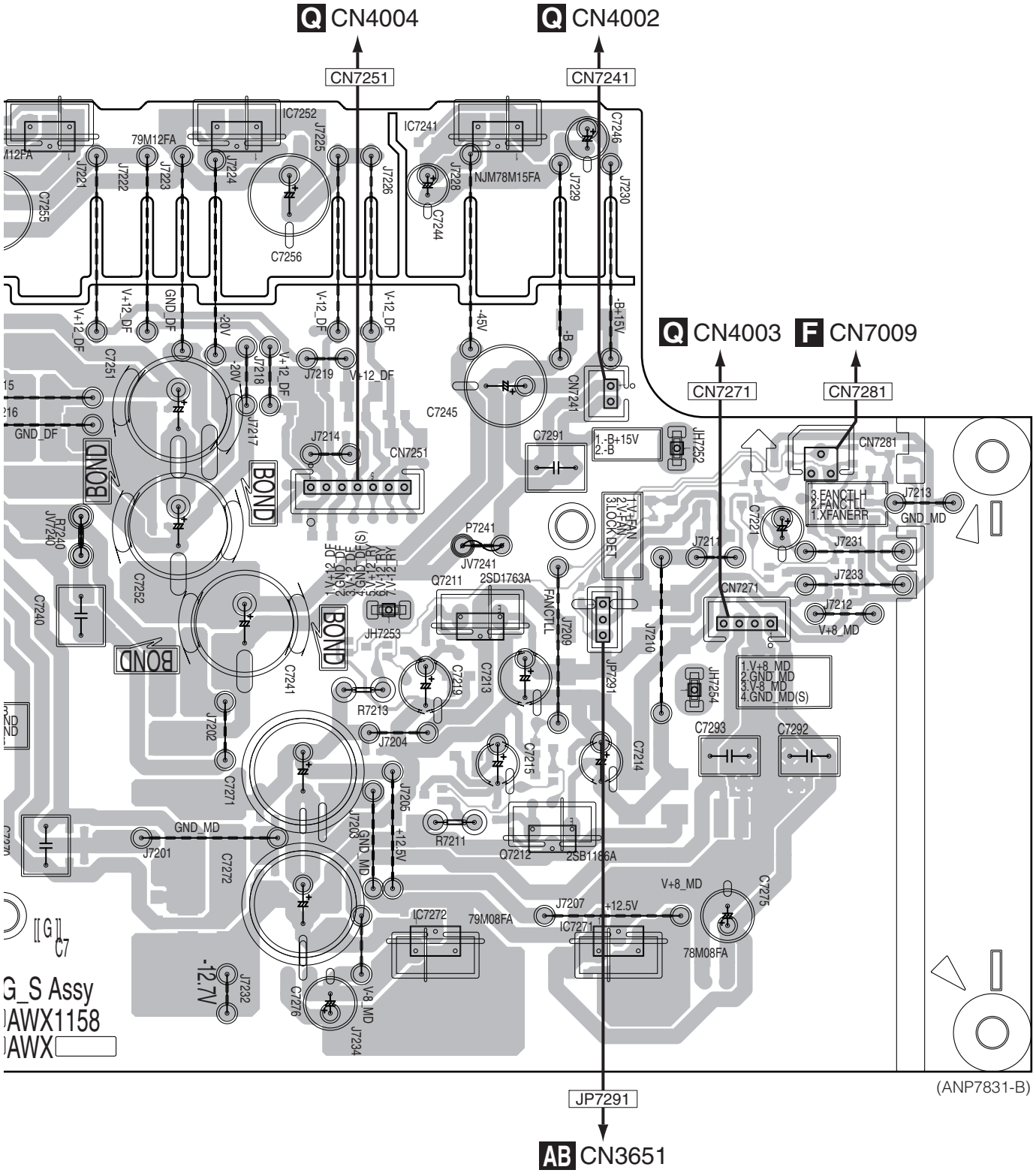


Q

IC

IC7251

SIDE A



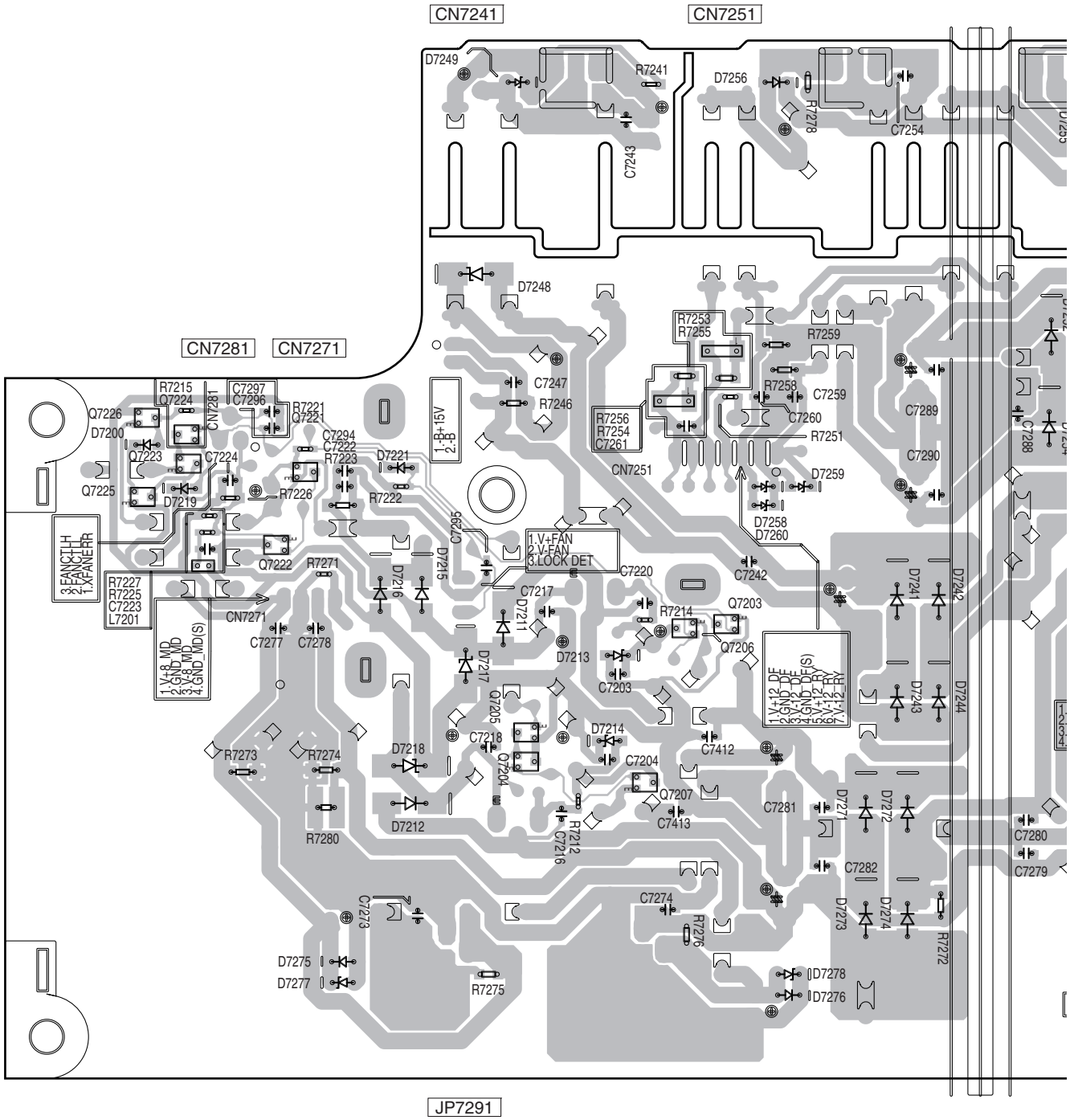
Q7211 Q7212

IC7251 IC7252 IC7241

IC7272 IC7271

SIDE B

T IR REG ASSY

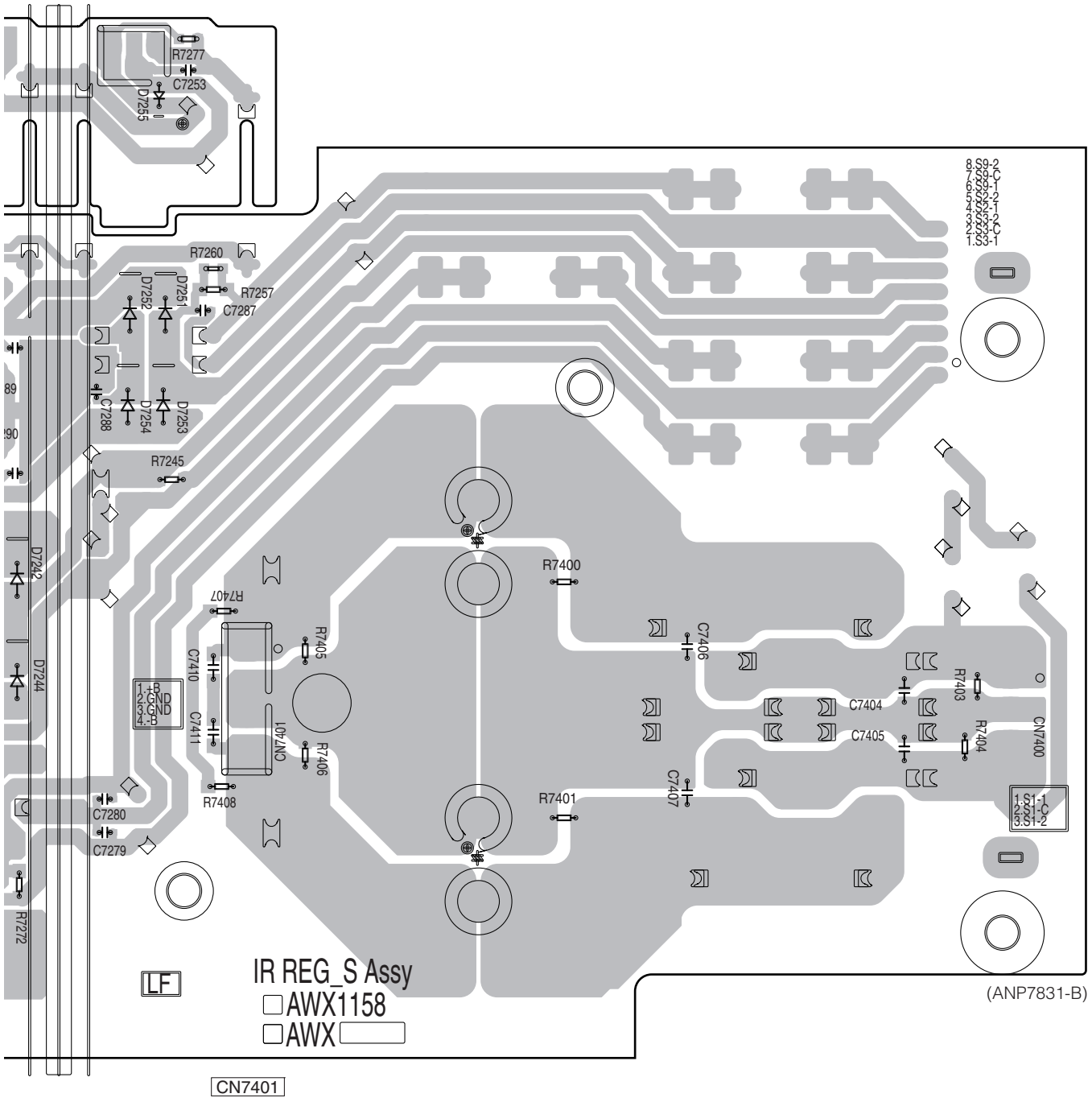


Q7226 Q7224 Q7223 Q7221 Q7225 Q7222 Q7205 Q7204 Q7206 Q7203 Q7207

Q

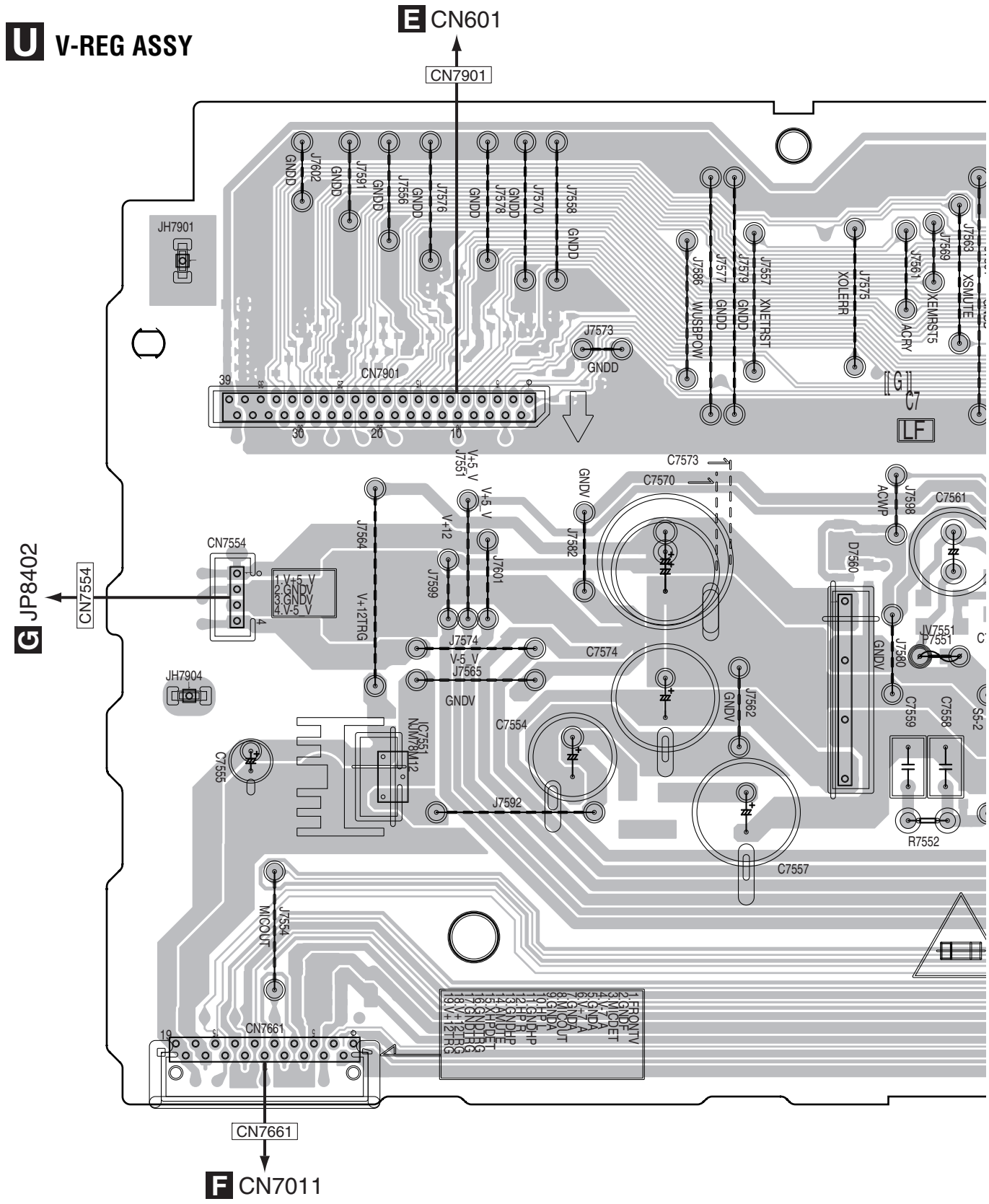
IC

SIDE B


R7277
C7253
D7255
R7260
D7252
D7251
R7257
C7287
C7288
D7254
D7253
R7245
D7242
D7244
R7272
R7407
R7405
C7410
C7411
CN7401
R7406
R7408
C7280
C7279
R7400
C7406
C7404
C7405
R7403
R7404
CN7400
C7407
R7401
CN7201
CN7400
IR REG_S Assy
AWX1158
AWX
LF
(ANP7831-B)
CN7401

11.18 V-REG ASSY

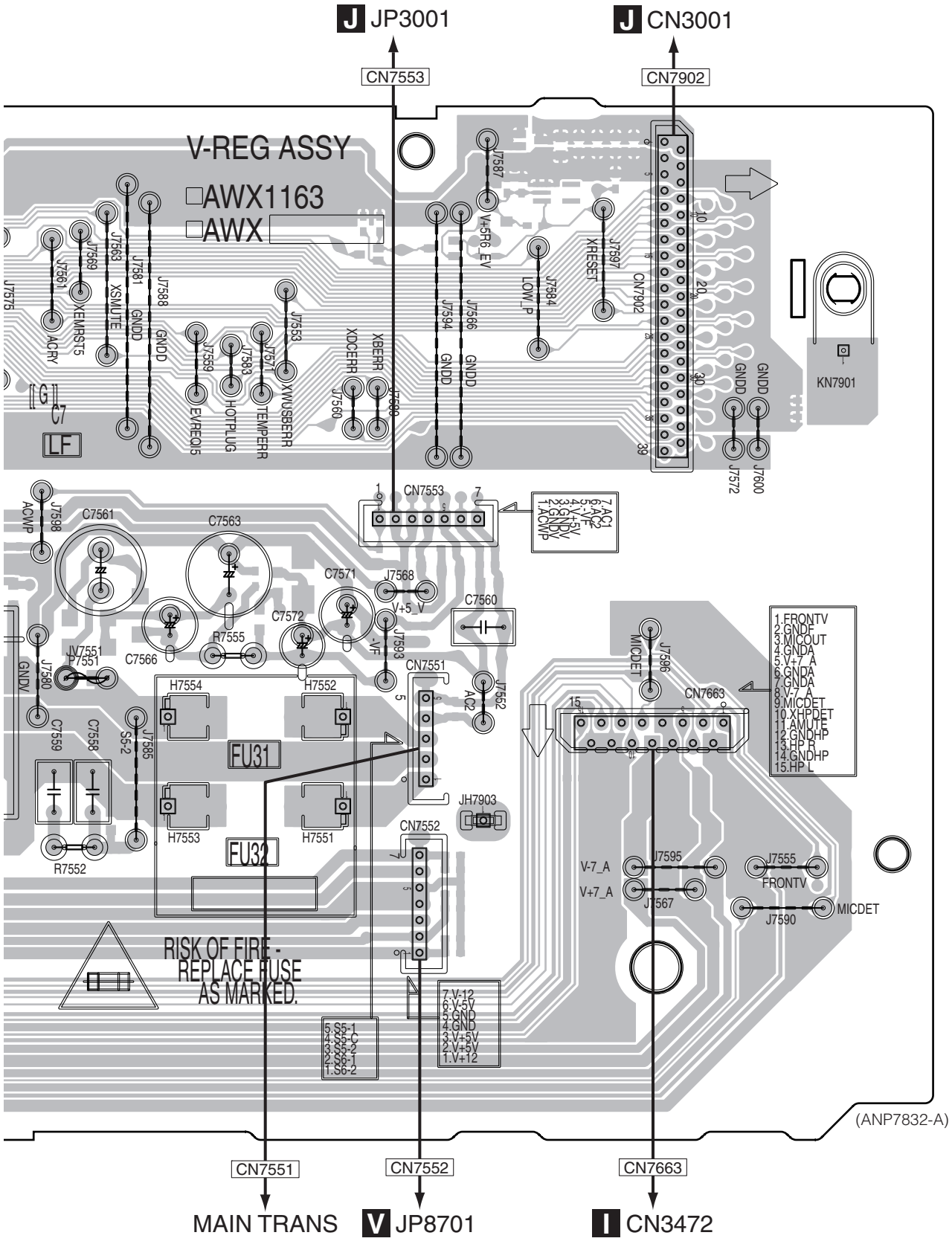
SIDE A



Q

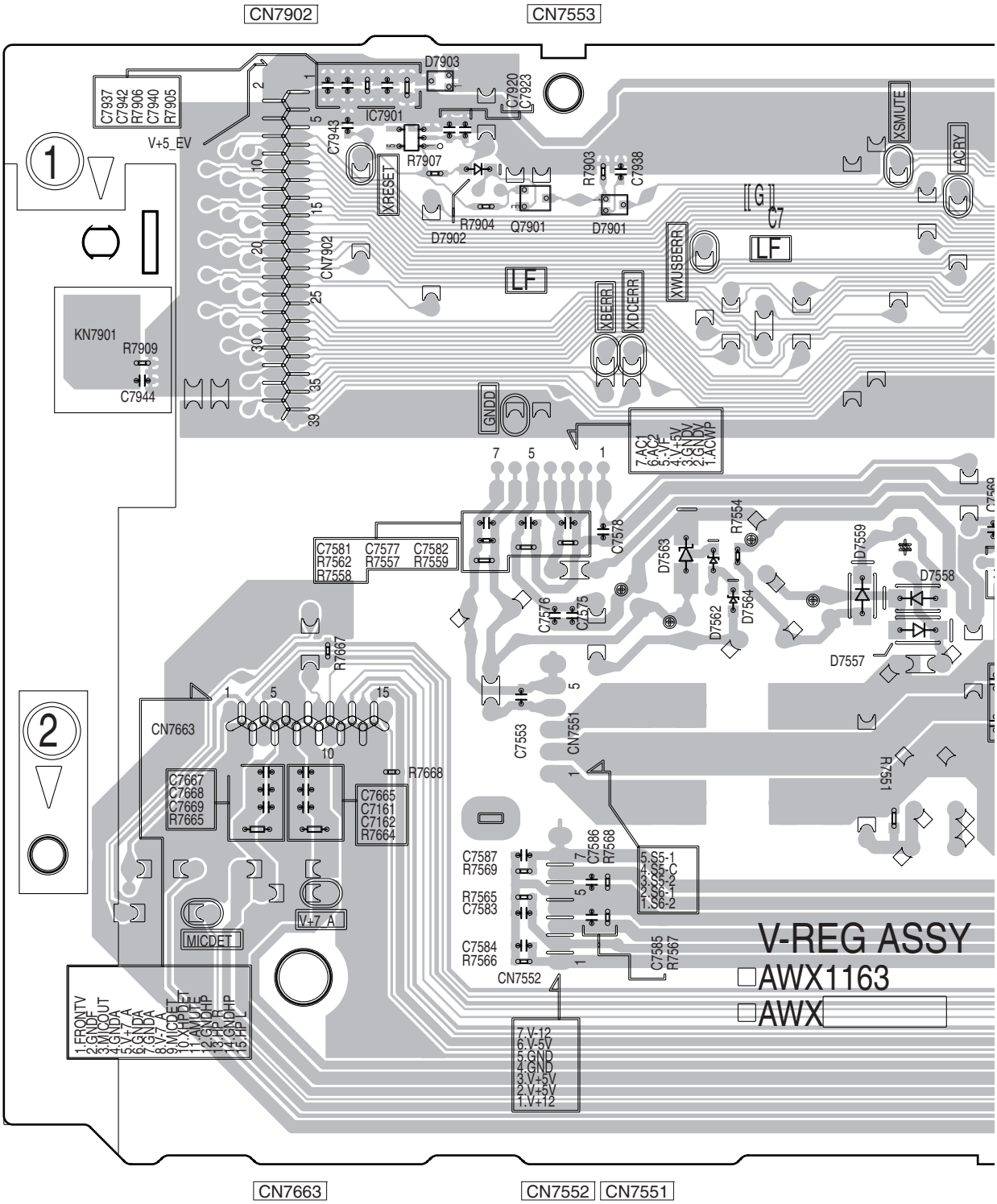
IC IC7551

SIDE A


J JP3001
J CN3001
CN7553
CN7902
V-REG ASSY
□AWX1163
□AWX
J7587
V+5R6_EV
J7597
XRESET
J7584
LOW_P
J7586
J7594
GNDD
J7588
J7569
J7561
J7563
J7581
J7575
XEMRST5
XSMUTE
GNDD
ACRY
J7553
J7571
XYWUSBERR
XDCERR
XBERR
J7560
J7590
J7559
EVREQI5
J7583
HOTPLUG
TEMPERR
[G] C7
LF
CN7902
KN7901
J7572
J7600
CN7553
7.AC1
6.AC2
5.-VF
4.V+5V
3.GNDV
2.GNDV
1.ACWP
C7561
C7563
C7571
J7568
V+5_V
C7560
C7572
R7555
C7566
-VF
J7593
JV7551
P7551
J7580
GNDV
ACWP
J7598
H7554
H7552
FU31
FU32
H7553
H7551
R7552
C7559
C7558
S5-2
J7585
CN7551
J7552
AC2
JH7903
CN7552
7.V-12
6.V-5V
5.GND
4.GND
3.V+5V
2.V+5V
1.V+12
5.S5-1
4.S5-C
3.S5-2
2.S5-1
1.S5-2
RISK OF FIRE -
REPLACE FUSE
AS MARKED.
MICDET
J7596
CN7663
1.FRONTV
2.GNDF
3.MICOUT
4.GNDA
5.V+7_A
6.GNDA
7.GNDA
8.V-7_A
9.MICDET
10.XHPDET
11.AMUTE
12.GNDHP
13.HP R
14.GNDHP
15.HP L
V-7_A
V+7_A
J7595
J7567
J7555
FRONTV
J7590
MICDET
(ANP7832-A)
CN7551
CN7552
CN7663
MAIN TRANS
V JP8701
I CN3472

SIDE B

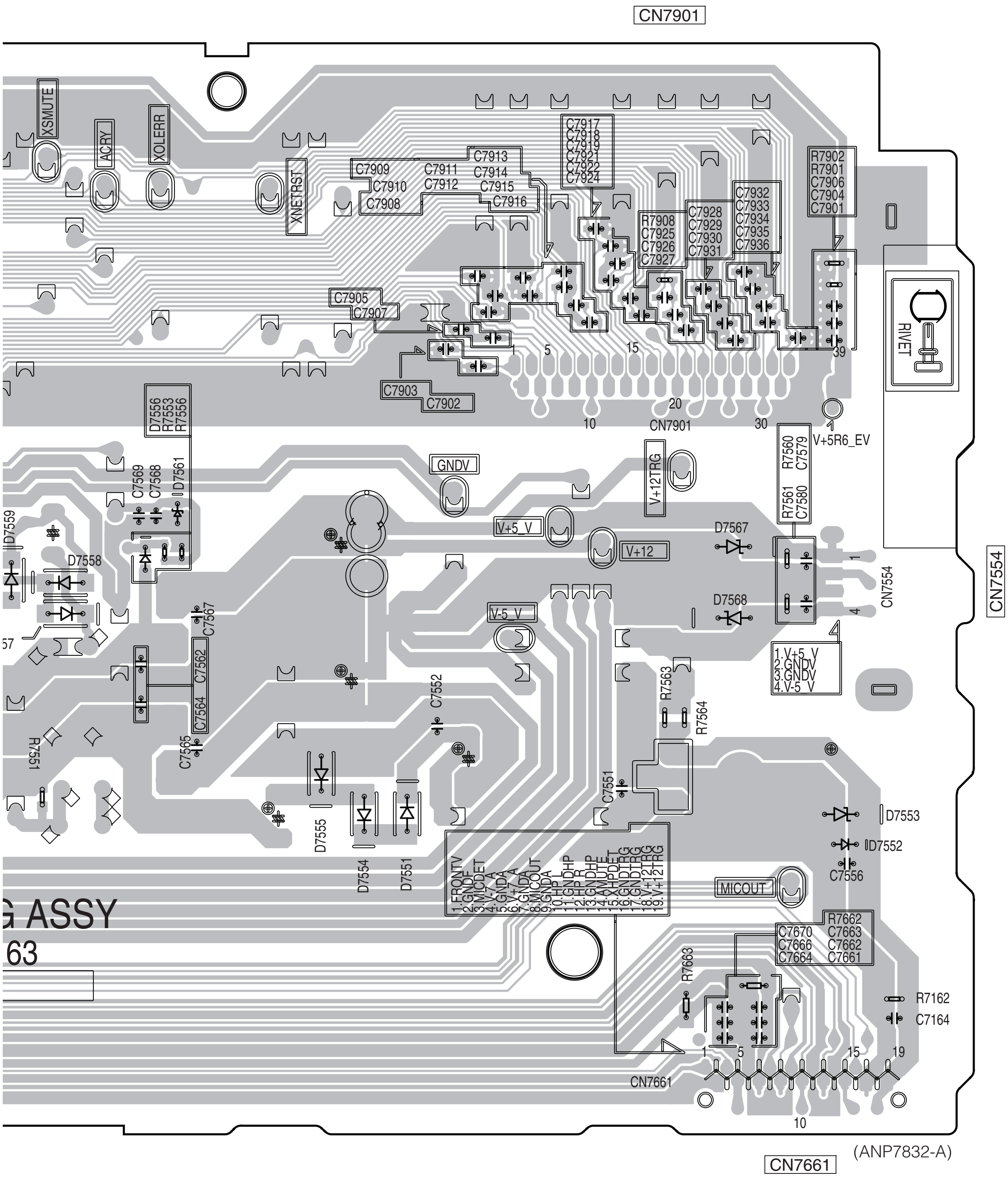
U V-REG ASSY



Q

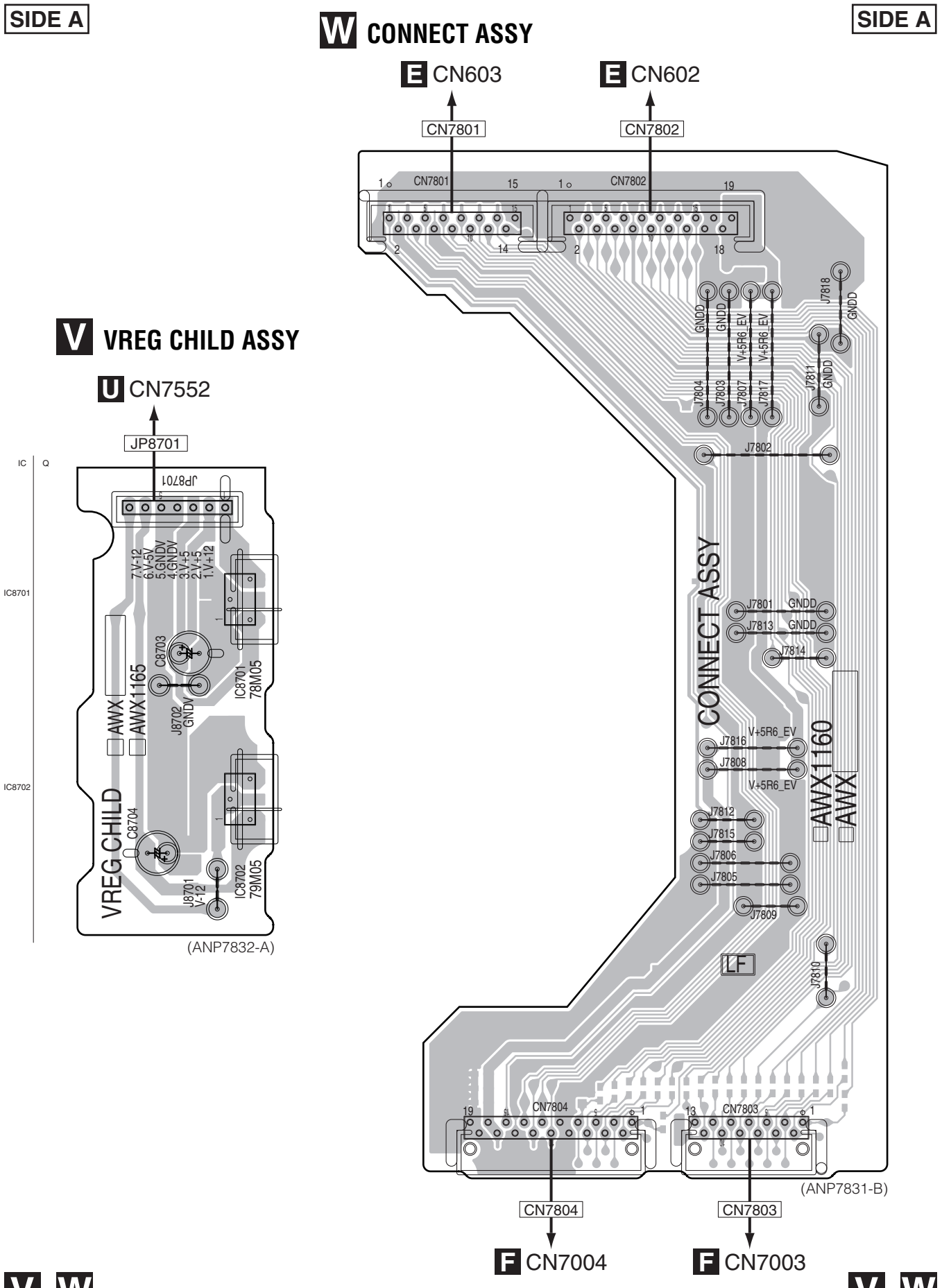
IC

SIDE B



A
B
C
D
E
F

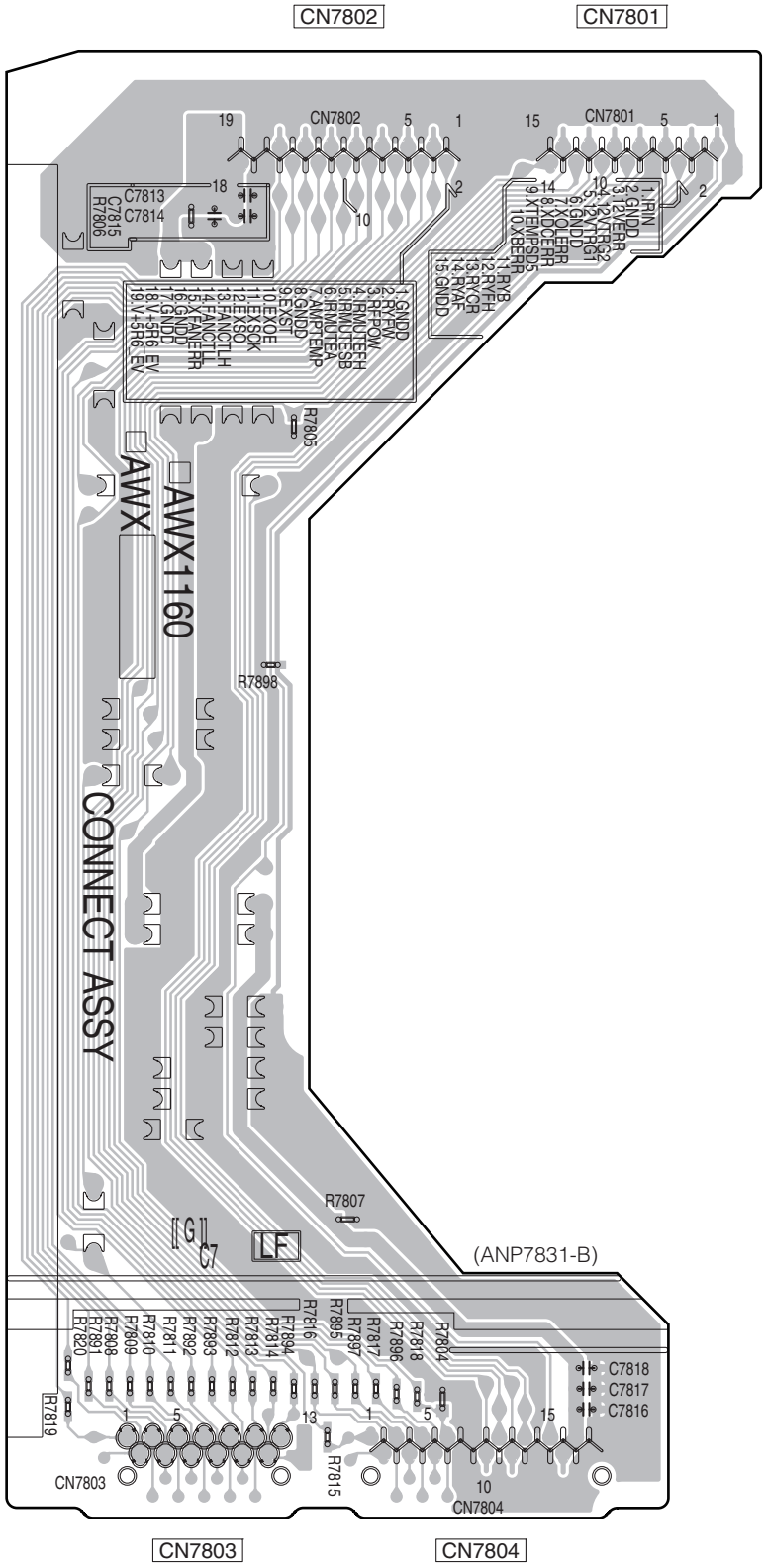
11.19 VREG CHILD ASSY and CONNECT ASSY



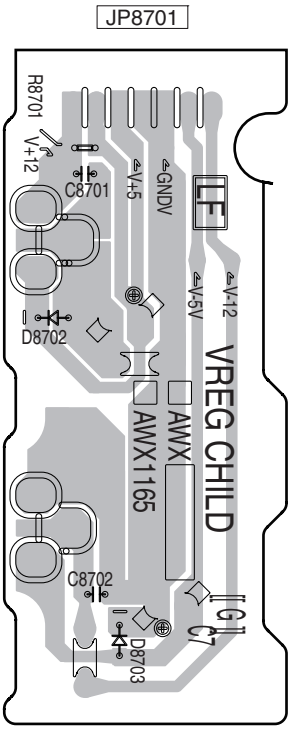
SIDE B

SIDE B

W CONNECT ASSY



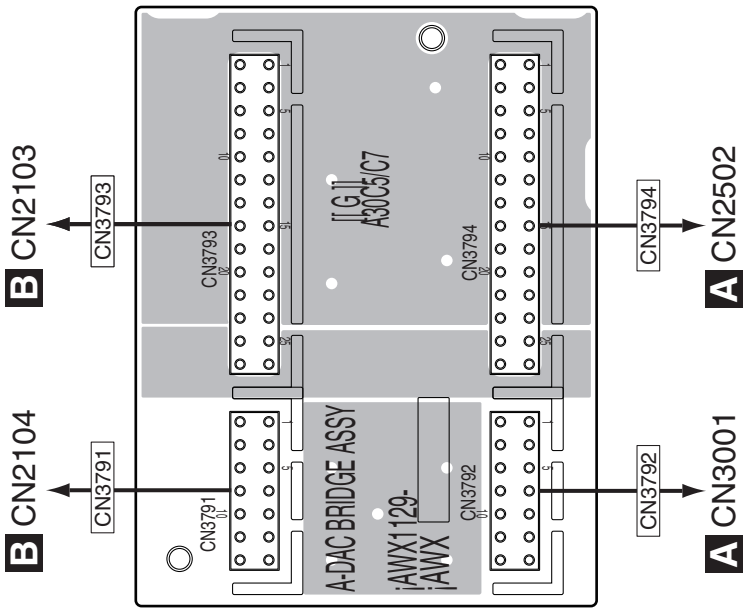
V VREG CHILD ASSY



11.20 A-DAC BRIDGE, D-AUDIO BRIDGE, D-DAC BRIDGE and PRE BRIDGE ASSYS

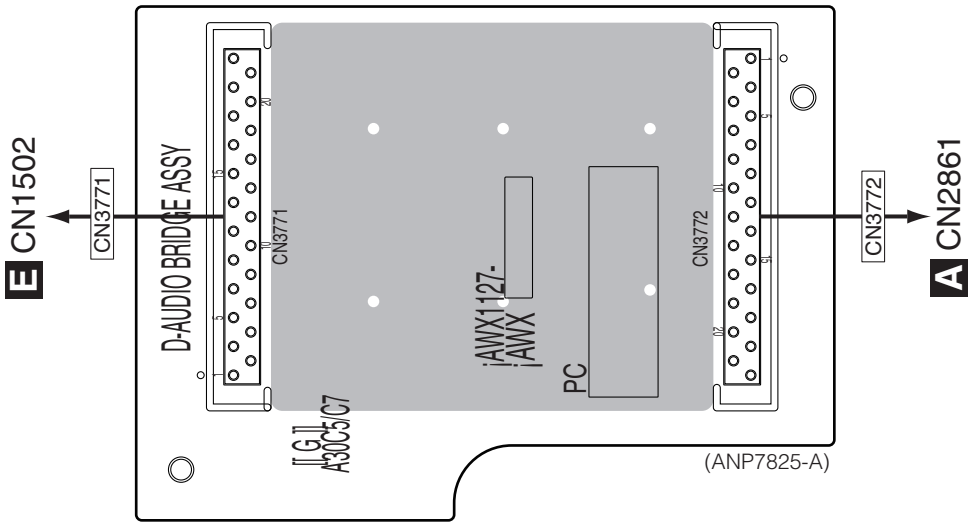
SIDE A

X A-DAC BRIDGE ASSY



(ANP7825-A)

Y D-AUDIO BRIDGE ASSY

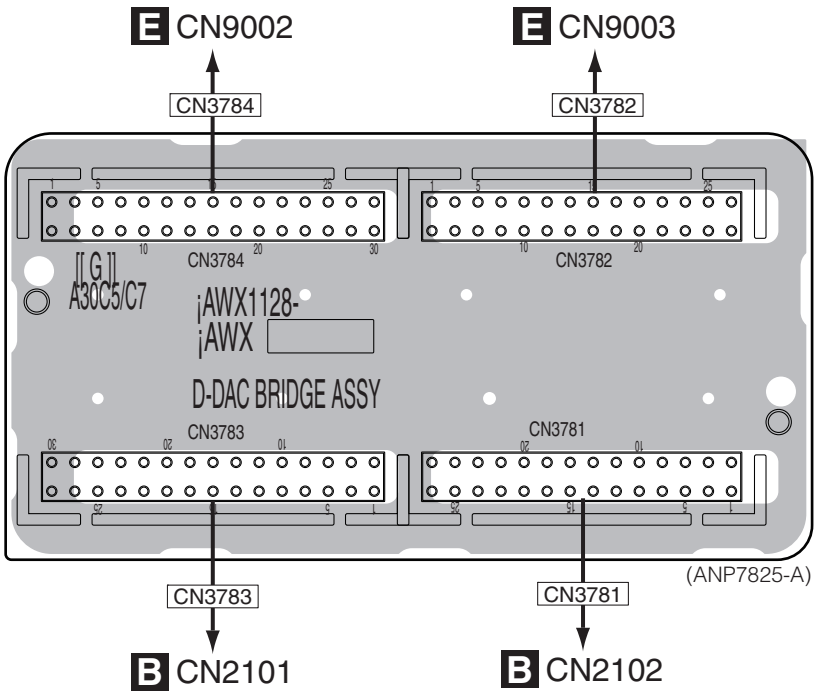


(ANP7825-A)

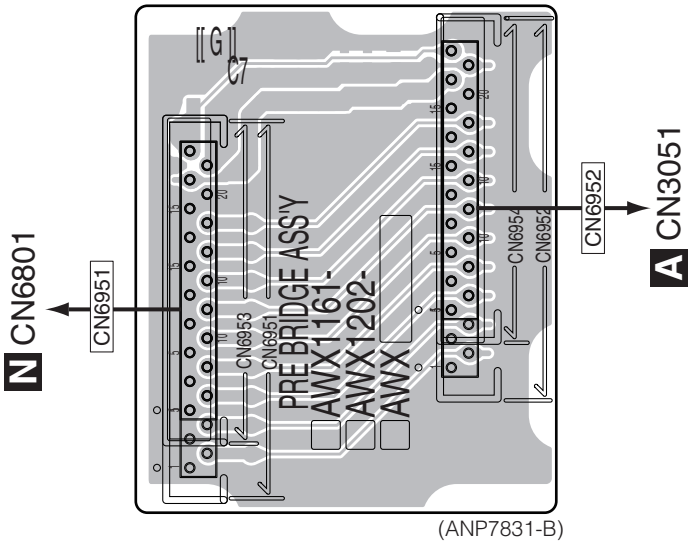
X Y

SIDE A

Z D-DAC BRIDGE ASSY

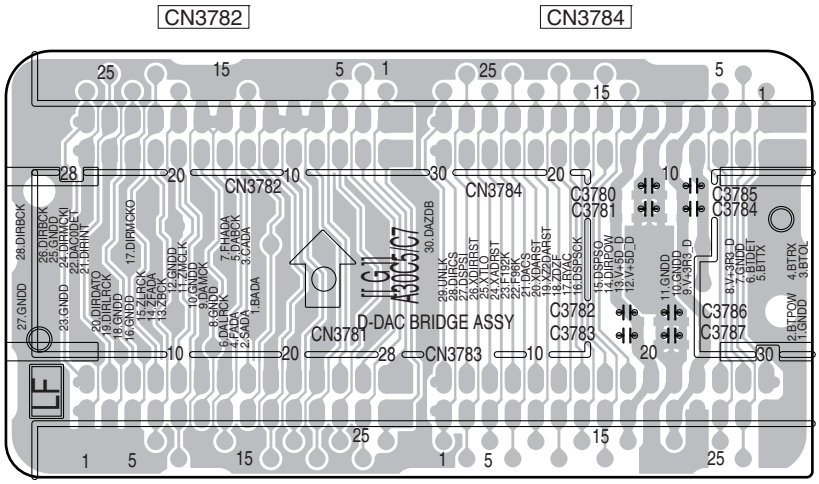


AA PRE BRIDGE ASSY



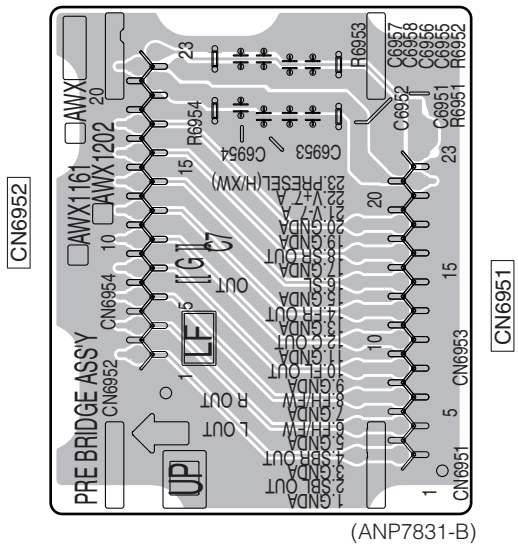
SIDE B

Z D-DAC BRIDGE ASSY



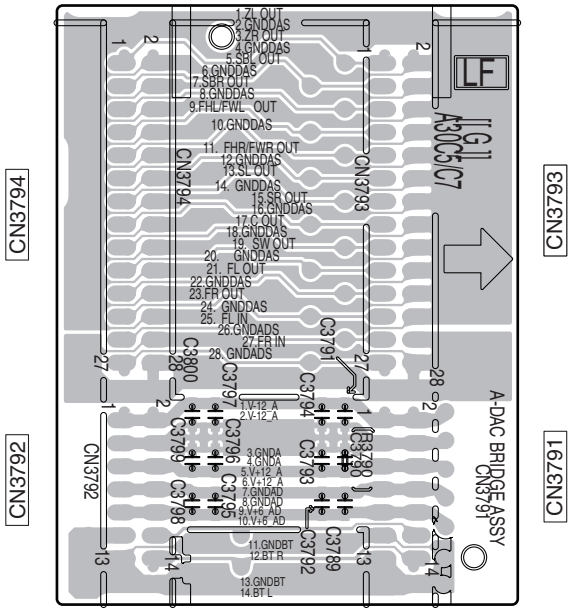
(ANP7825-A)

AA PRE BRIDGE ASSY



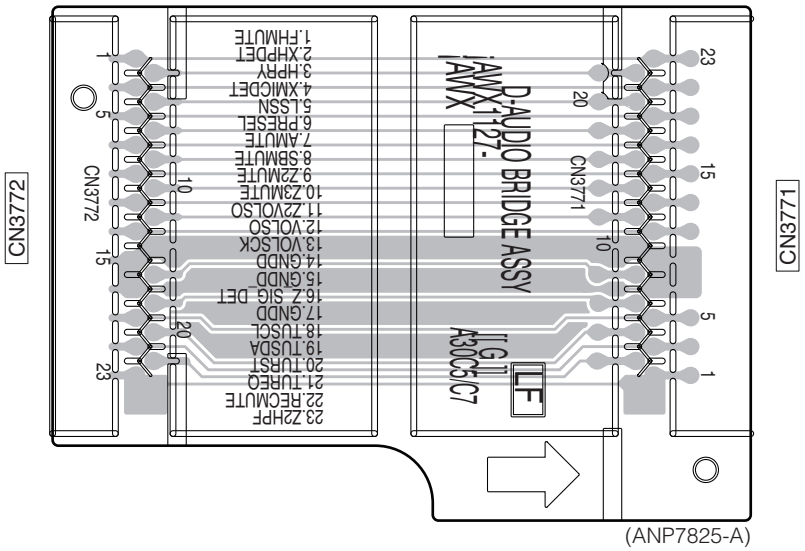
(ANP7831-B)

X A-DAC BRIDGE ASSY



(ANP7825-A)

Y D-AUDIO BRIDGE ASSY

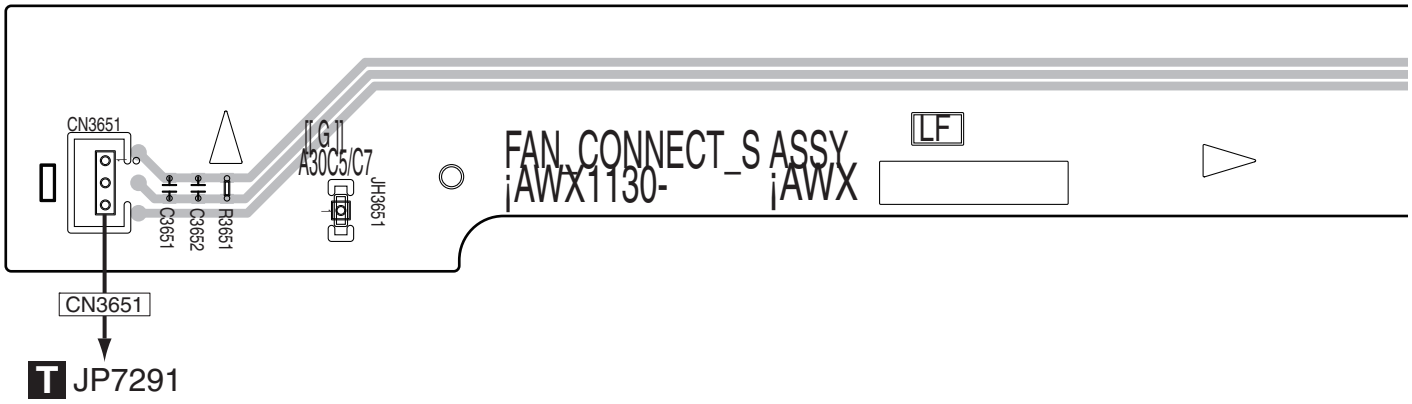


(ANP7825-A)

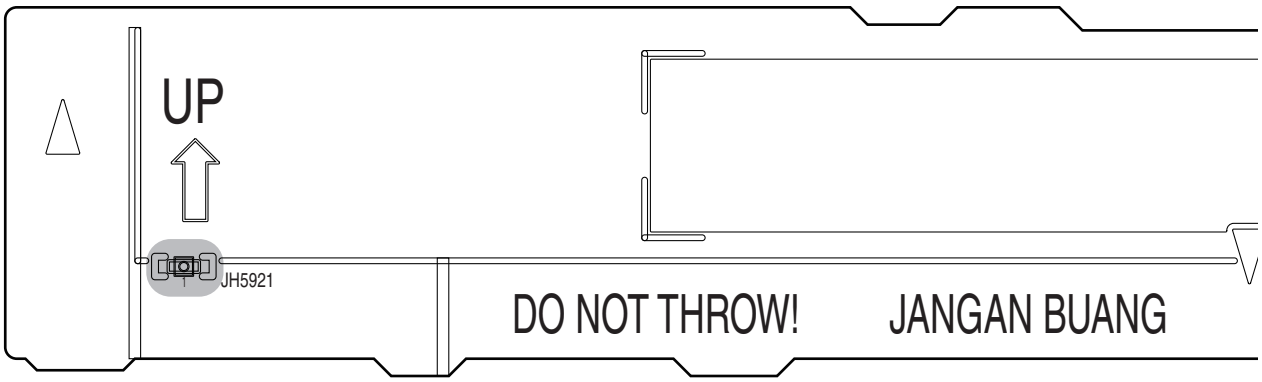
11.21 FAN CONNECT_S ASSY and MIC HP GUARD ASSY

SIDE A

AB FAN CONNECT_S ASSY

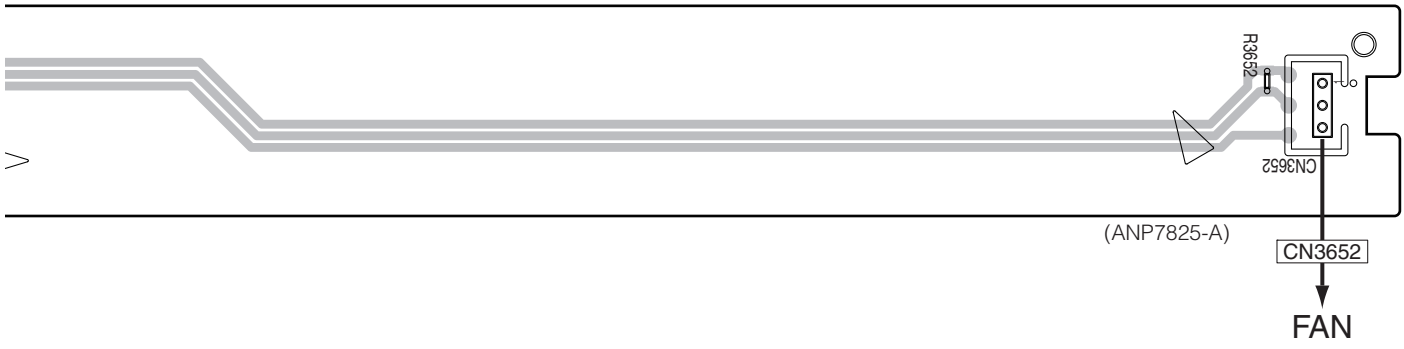


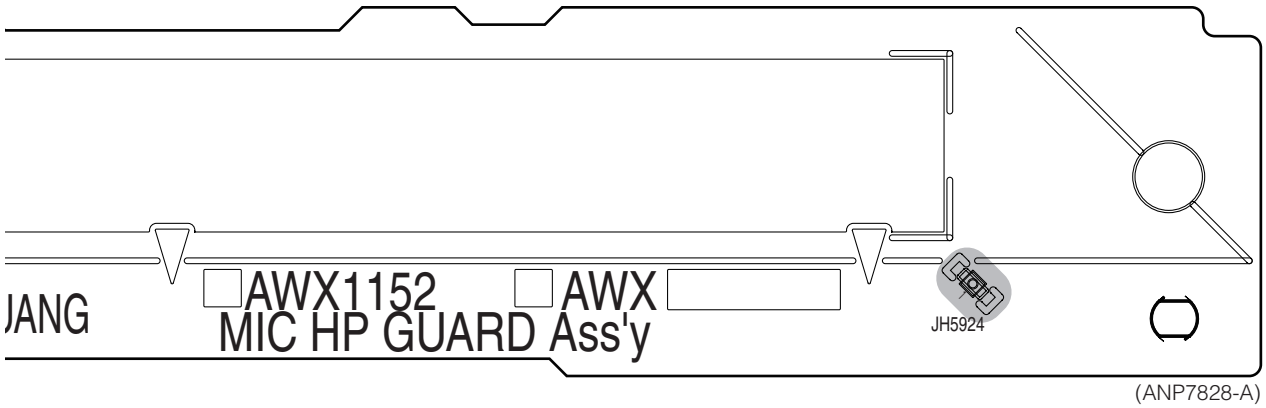
AC MIC HP GUARD ASSY



AB AC

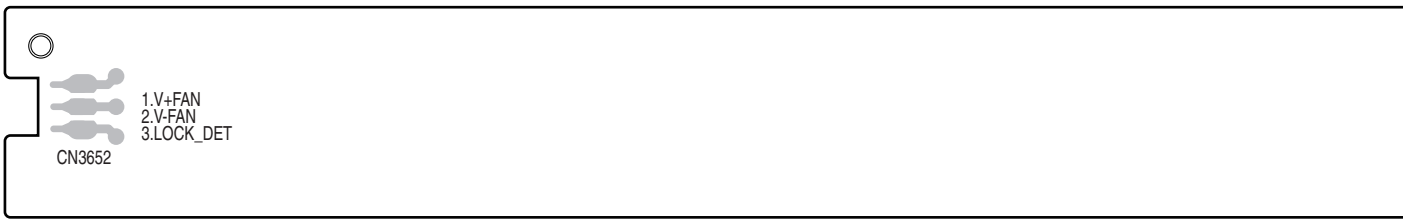
SIDE A


R3652
CN3652
(ANP7825-A)
CN3652
FAN


JANG
AWX1152
AWX
MIC HP GUARD Ass'y
JH5924
(ANP7828-A)

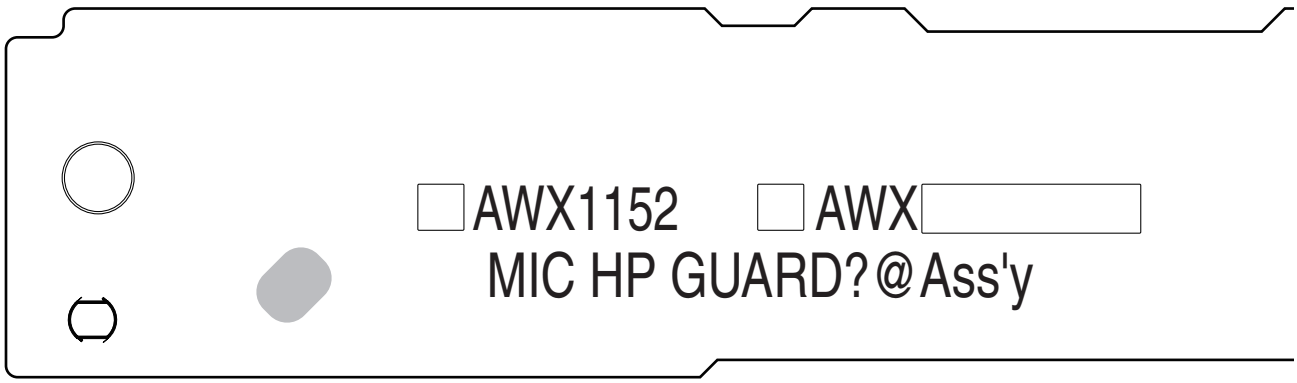
SIDE B

AB FAN CONNECT_S ASSY



CN3652

AC MIC HP GUARD ASSY



AB AC

SIDE B

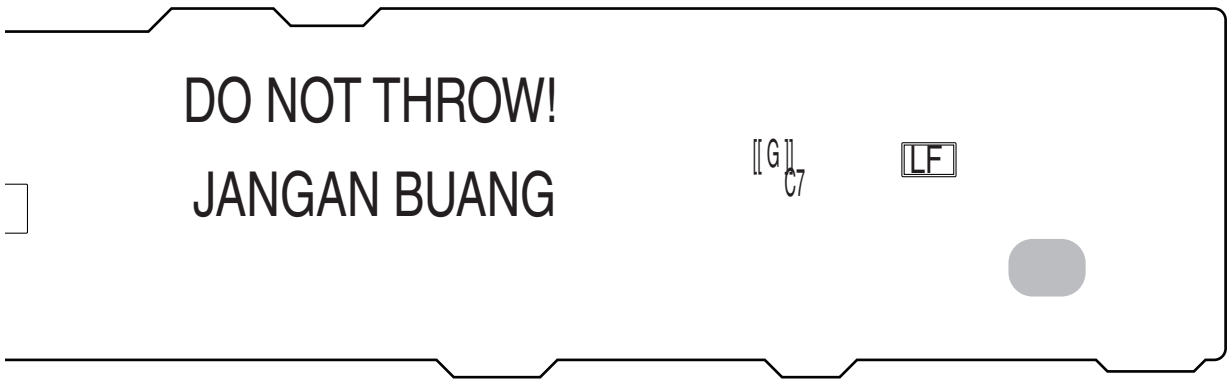
FAN_CONNECT_S ASSY
¡AWX1130-
¡AWX

(ANP7825-A)

CN3651

DO NOT THROW!

JANGAN BUANG



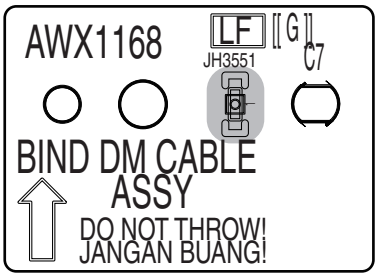
(ANP7828-A)

11.22 BIND DM CABLE ASSY and P WIRE GUARD ASSY

SIDE A

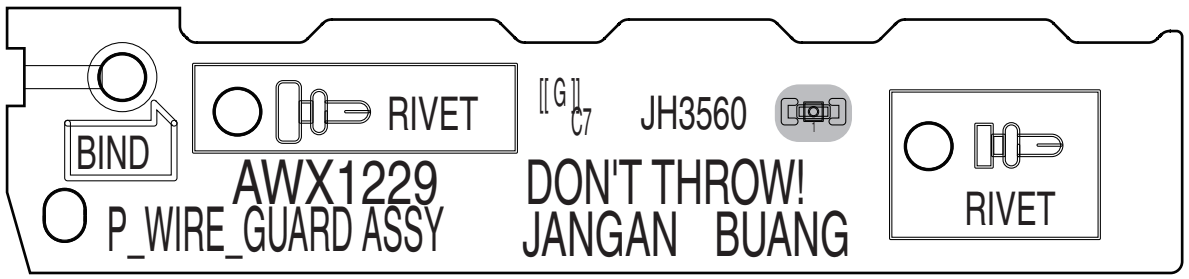
SIDE A

AD BIND DM CABLE ASSY



(ANP7832-A)

AE P WIRE GUARD ASSY



(ANP7832-A)

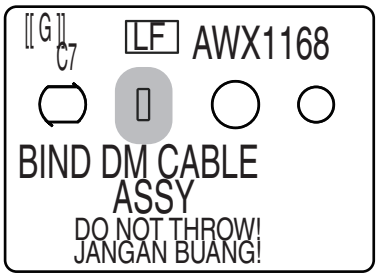
AD AE

AD AE

SIDE B

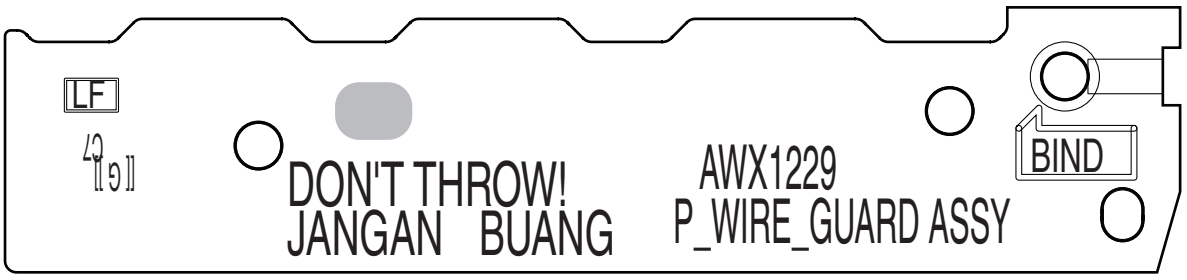
SIDE B

AD BIND DM CABLE ASSY



(ANP7832-A)

AE P WIRE GUARD ASSY



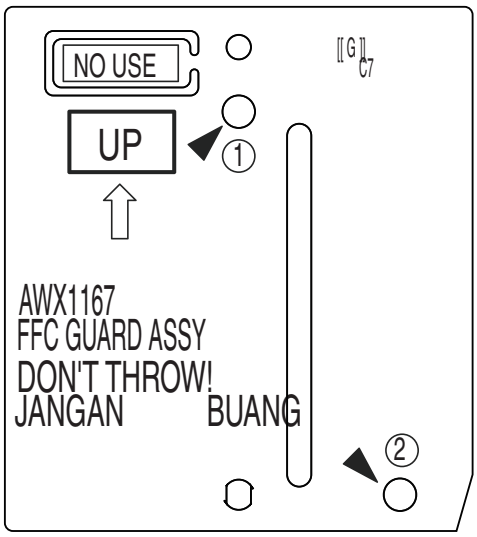
(ANP7832-A)

11.23 FFC GUARD, BIND FAN CABLE, VREG GUARD, TRANS VREG STYL and IR EDGE GUARD ASSYS

SIDE A

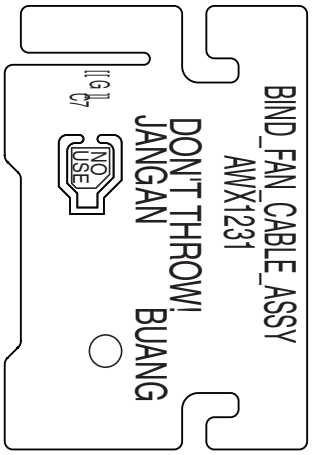
SIDE A

AF FFC GUARD ASSY



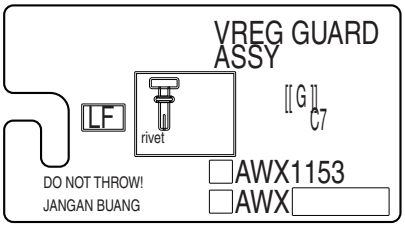
(ANP7832-A)

AG BIND FAN CABLE ASSY



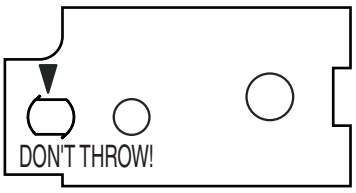
(ANP7832-A)

AH VREG GUARD ASSY



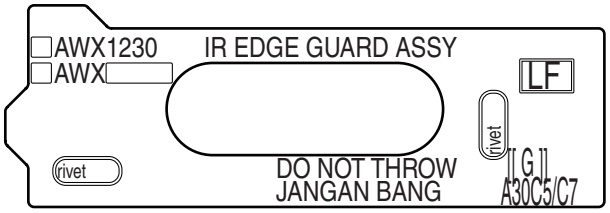
(ANP7828-A)

AI TRANS VREG STYL ASSY



(ANP7831-B)

AJ IR EDGE GUARD ASSY



(ANP7829-A)

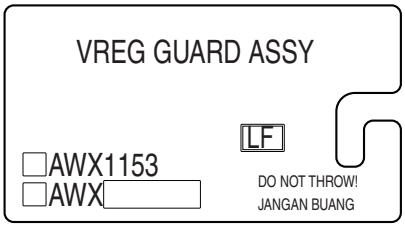
AF AG AH AI AJ

AF AG AH AI AJ

SIDE B

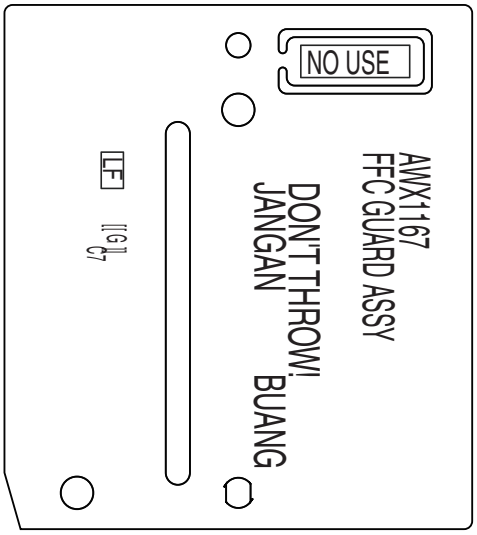
SIDE B

AH VREG GUARD ASSY



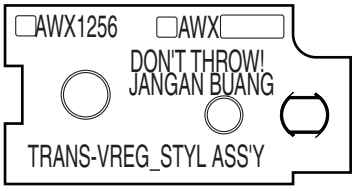
(ANP7828-A)

AF FFC GUARD ASSY



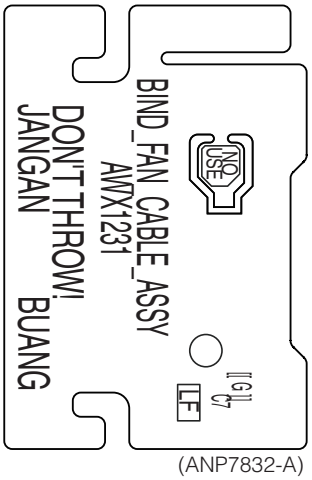
(ANP7832-A)

AI TRANS VREG STYL ASSY



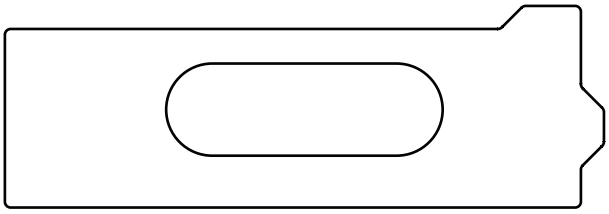
(ANP7831-B)

AG BIND FAN CABLE ASSY



(ANP7832-A)

AJ IR EDGE GUARD ASSY



(ANP7829-A)

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.
NSP	1..D-AMP_S ASSY	AWH7047
	2..D-AMP_S ASSY	AWX1210
NSP	1..IR BUFFER ASSY	AWM8306
	2..IR BUFFER ASSY	AWX1155
	2..BUFFER GND ASSY	AWX1156
NSP	1..PRIM DISPLAY ASSY (SC-65)	AWM8289
	2..DISPLAY ASSY	AWX1131
	2..VOL ASSY	AWX1134
	2..POWER SW ASSY	AWX1135
	2..PRIMARY ASSY	AWX1136
	2..MIC HP ASSY	AWX1148
	2..ENCODER ASSY	AWX1150
	2..MIC HP GUARD ASSY	AWX1152
NSP	2..VREG GUARD ASSY	AWX1153
NSP	2..PANEL GUARD ASSY	AWX1154
NSP	1..PRIM DISPLAY ASSY (SC-1527-K/SC-1522-K)	AWM8290
	2..DISPLAY ASSY	AWX1132
	2..VOL ASSY	AWX1134
	2..POWER SW ASSY	AWX1151
	2..PRIMARY ASSY	AWX1136
	2..MIC HP ASSY	AWX1148
	2..ENCODER ASSY	AWX1150
	2..MIC HP GUARD ASSY	AWX1152
NSP	2..VREG GUARD ASSY	AWX1153
NSP	2..PANEL GUARD ASSY	AWX1154
NSP	1..AUDIO COMPOSITE ASSY	AWR7135
	2..AUDIO ASSY	AWX1113
	2..COMPOSITE ASSY	AWX1116
	2..D-AUDIO BRIDGE ASSY	AWX1127
	2..D-DAC BRIDGE ASSY	AWX1128
	2..A-DAC BRIDGE ASSY	AWX1129
	2..FAN CONNECT_S ASSY	AWX1130
NSP	1..INTERFACE REG ASSY	AWR7147
	2..INTERFACE ASSY	AWX1157
	2..CONNECT ASSY	AWX1160
	2..PRE BRIDGE ASSY	AWX1161
	2..IR REG ASSY	AWX1283
NSP	2..TRANS VREG STYL ASSY	AWX1256
NSP	1..PRE POWER ASSY	AWR7149
	2..A-REG ASSY	AWX1162
	2..V-REG ASSY	AWX1163
	2..VREG CHILD ASSY	AWX1165
	2..USB RECT ASSY	AWX1166
	2..BIND DM CABLE ASSY	AWX1168
	2..P WIRE GUARD ASSY	AWX1229
NSP	2..FFC GUARD ASSY	AWX1167
NSP	2..BIND FAN CABLE ASSY	AWX1231
	1..DAC HIGH ASSY	AWX1103
	1..COMPONENT ASSY	AWX1105
	1..FRONT HDMI USB ASSY	AWX1110
	1..IR INTERFACE ASSY	AWX1112
NSP	2..IR EDGE GUARD ASSY	AWX1230
	1..DIGITAL MAIN ASSY	AWX1199

J DISPLAY ASSY

AWX1131 and AWX1132 are constructed the same except for the following:

Mark	Symbol and Description	AWX1131	AWX1132
	Q3207	RT1N241M	Not used
	Q3210	RT1N241M	Not used
	Q3211	RT1N241M	Not used
	Q3212	RT1N241M	Not used
	Q3213	RT1N241M	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

L POWER SW ASSY

AWX1135 and AWX1151 are constructed the same except for the following:

Mark	Symbol and Description	AWX1135	AWX1151
	Q3401	RT1N431M	Not used
	D3402	SLR343BC4T(JKLM)	Not used
	R3401	RS1/10SR151J	Not used
	C3401	CCSRCH221J50	Not used

PCB PARTS LIST FOR SC-65/UXJCB UNLESS OTHERWISE NOTED

Mark	No.	Description	Part No.

A AUDIO ASSY

SEMICONDUCTORS

	IC	2501,3273	BD3473KS2
	IC	2701	TC4066BFN
	IC	2702,2751,2801,6701	NJM4565MD
	IC	3221,6703	TC4052BFN
	IC	3271,3272	NJM4565V
	IC	6702	NJM4565MD
	Q	2721,3221,3222,6703	RT1N241M
	Q	2722	RT1P241M-11
	Q	2803,2971,3101,3102	IMX25
⚠	Q	3001	2SD2400A
⚠	Q	3002	2SB1569A
	Q	3151,3152,3201,3202	IMX25
	Q	3251,3252,3271,3272	IMX25
	Q	3274-3276,6701	IMX25
⚠	Q	3901	2SC5712
	Q	6702	INC2002AC1
	Q	6704	RT1N241M
	D	2691,2692,2701,2702	1SS302
	D	3001,3002	RKZ7.5KG(B2)
	D	3902	RKZ5.6KG(B2)
	D	3903	RKZ3.3KG(B2)

MISCELLANEOUS

	JA	2501,2504,3101 RCA JACK	AKB7246
	JA	2502,2505,3202,3206 RCA JACK	AKB7247
	JA	3102 RCA JACK	AKB7248
	JA	3201 RCA JACK	AKB7245
	JA	6701 RCA JACK	AKB7249
	CN	2502 B TO B CONNECTOR	AKP7269
	CN	2503 15P CONNECTOR	52044-1545
	CN	2861,3051 B TO B 23PIN JACK	AKN7073
	CN	3001 14P SOCKET	AKP7248
	CN	3902 CONNECTOR	9604S-09C
	JP	3001 CONNECTOR ASSY	PF05PG-S20

RESISTORS

	R	2567,2568	RS1/8SQ0R0J
	R	2687	RS1/8SQ105J
	R	2688	RS1/8SQ152J
	R	2819,2820	RS1/4SA180J
	R	3031	RS1/8SQ475J
	R	3032	RS1/8SQ182J
	Other Resistors		RS1/10SR###J

CAPACITORS

	C	2503,2504,2523,2524	CCSQCH101J50
	C	2505,2506,2525,2526	CEAK220M50
	C	2507,2508,2817,2818	CEAK101M16
	C	2543,2544	CCSQCH101J50
	C	2545,2546,2587,2588	CEAK220M50
	C	2561,2562,2583,2584	CCSRCH101J50
	C	2563,2564	CCSQCH220J50
	C	2565,2566,2707,2708	CEAK100M50
	C	2603,2604,2697,2698	CCSRCH101J50
	C	2609,2610,2731,2732	CEAK220M50
	C	2683,2699,2701,2702	CKSRYB103K50
	C	2693,2694,2828,2836	ACH1479
	C	2695,2696,2834,2835	CFHXSQ103J16
	C	2700,2703,2704,2759	CCSRCH101J50
	C	2705,2706,2761,2762	CKSRYB103K50
	C	2751-2758,2760,2826	CEAK100M50
	C	2803,2804,3021,3223	CKSRYB103K50
	C	2805,2806	CEAK1R0M50
	C	2807,2808	CCSRCH221J50
	C	2815,2816,6718-6723	CKSQYB103K50
	C	2819,2820	CEAK471M16
	C	2827,2903,2904,3025	CEAK100M50
	C	2829,2830,2832,3113	CCSRCH101J50
	C	2863-2866,3293-3296	CKSRYB104K50
	C	2867,2868,3167,3225	CCSRCH100D50
	C	2971,2972,6703,6704	CCSRCH471J50
	C	3001,3002	CEAK2R2M50
	C	3026,3952-3954,6701	CEAK100M50
	C	3105,3106,3155,3205	CEAK220M50
	C	3111,3112,3161,3162	CCSRCH331J50
	C	3114,3163,3164,3213	CCSRCH101J50
	C	3206,3255,3256,3275	CEAK220M50
	C	3211,3212,3261,3262	CCSRCH331J50
	C	3214,3263,3264,3283	CCSRCH101J50
	C	3224,3285,3286,3907	CKSRYB103K50
	C	3276,3926,3927	CEAK220M50
	C	3281,3282,3909,3924	CCSRCH331J50
	C	3284,3914,3922,3923	CCSRCH101J50
	C	3297,3298	CCSRCH222J50
	C	3901	CCSRCH270J50
	C	3903,3906	CEAK101M16
	C	3908,3911-3913	CCSRCH100D50
	C	3915-3917,3946	CCSRCH100D50
	C	3918,6711,6712,6714	CKSRYB104K50
	C	3925,3944	CCSRCH331J50
	C	3931,3933	CKSRYB103K50
	C	3945,3951	CCSRCH101J50
	C	6702,6707,6727,6728	CEAK100M50
	C	6708	CCSRCH471J50
	C	6710	CKSRYB333K50
	C	6713,6716	CKSRYB473K50
	C	6715,6717	CKSRYB104K50

B DAC HIGH ASSY

SEMICONDUCTORS

	IC	2001	AK4118AEQ
	IC	2003,2005-2007,2018	RNB4580F
	IC	2004,2016	TC74LCX08FK
	IC	2010	TC74VHC08FK
	IC	2011-2014,2017	AK4480EF
⚠	IC	2015	NJM2881F33
	IC	2106	TC74VHC126FK
⚠	IC	2181	NJM2872BF33
⚠	IC	2183	NJM2845DL1-05
	IC	2401,2402	NJM4565MD

Mark	No.	Description	Part No.
	IC	2431	PCM1804DB
	IC	2451	RNB4580F
	IC	2471	AK4388ET
⚠	IC	2473	BD2224G
	D	2201-2203	1SS355
	D	2431,2432	1SS301
	D	2433,2434	1SS300

MISCELLANEOUS

	L	2004-2008	CHIP SOLID INDUCTOR QTL1013
	L	2014,2102	CHIP SOLID INDUCTOR QTL1013
	L	2431,2442	CHIP SOLID INDUCTOR QTL1013
	L	2471	CHIP SOLID INDUCTOR QTL1013
	L	2474	CHIP BEADS VTL1129
	JA	2002,2003	OPT IN MODULE AKS7008
	JA	2006	OPT OUT MODULE AKS7009
	JA	2008	PIN JACK(2P) AKB7173
	JA	2102	CONNECTOR CKS5712
	KN	2201-2203	SCREW PLATE VNE1948
	CN	2101	SOCKET(30PL) BKP1047
	CN	2102,2103	B TO B CONNECTOR AKP7269
	CN	2104	14P SOCKET AKP7248

RESISTORS

	R	2007,2008,2012,2016	RS1/16SS101J
	R	2017,2048,2085,2087	RS1/16SS470J
	R	2018,2019,2395,2396	RS1/16SS680J
	R	2020,2084,2088,2128	RS1/16SS0R0J
	R	2021,2023-2025,2027	RS1/16SS101J
	R	2022,2263,2472	RS1/16SS221J
	R	2026,2470	RS1/16SS471J
	R	2028	RS1/16SS1002F
	R	2032-2035,2070-2073	RS1/4SA222J
	R	2042-2045	RS1/4SA242J
	R	2049,2053,2086,2089	RS1/16SS101J
	R	2064-2067,2094,2095	RS1/16SS100J
	R	2074,2076,2104-2107	RS1/4SA182J
	R	2075,2077	RS1/4SA472J
	R	2100-2103,2132,2138	RS1/4SA222J
	R	2115,2119,2238	RS1/16SS101J
	R	2116-2118,2120	RS1/16SS220J
	R	2121,2125,2126,2143	RS1/16SS100J
	R	2139,2146,2323,2325	RS1/4SA222J
	R	2141	RS1/16SS103J
	R	2142,2144,2227,2228	RS1/16SS0R0J
	R	2147,2149,2150,2165	RS1/4SA182J
	R	2195,2200-2203,2230	RS1/16SS100J
	R	2222	RS1/16SS183J
	R	2234,2286,2361,2362	RS1/16SS100J
	R	2239,2365,2366	RS1/16SS0R0J
	R	2240,2383,2431	RS1/16SS470J
	R	2321,2328,2330,2335	RS1/4SA182J
	R	2331,2333	RS1/4SA222J
	R	2350-2352,2363,2364	RS1/16SS101J
	R	2380-2382,2386-2394	RS1/16SS0R0J
	R	2384,2385,2432	RS1/16SS100J
	R	2425-2429,2440	RS1/16SS0R0J
	R	2433-2435,2437-2439	RS1/16SS101J
	R	2441,2442,2471,2480	RS1/16SS101J

Mark	No.	Description	Part No.
	R	2446-2450	RS1/16SS100J
	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	RS1/8SQ222J
	R	2492,2493	RS1/8SQ105J
	R	2498,2499	RS1/8SQ225J
	Other Resistors		RS1/10SR###J

CAPACITORS

	C	2002,2005,2434,2439	CKSRYB103K50
	C	2003,2006,2009-2011	CKSRYB104K50
	C	2007,2133,2138,2140	CEAK470M25
	C	2012,2277,2278,2306	CCSSCH100D50
	C	2013	CCG1222
	C	2014,2015,2180,2199	CKSRYB104K50
	C	2016,2073,2105,2131	CKSQYB104K50
	C	2017,2018,2030,2059	CEAK221M16
	C	2019,2029,2032,2046	CCSSCH331J50
	C	2020,2028,2033,2047	CKSSYB104K16
	C	2021,2024,2039,2440	CEAK101M16
	C	2022,2054	CCSSCH101J50
	C	2023	CKSSYB103K25
	C	2025,2295-2297	CCSRCH100D50
	C	2026,2065,2066	CKSRYB474K16
	C	2034,2041,2074,2075	CCSRCH102J50
	C	2042-2045,2076,2078	CCSRCH331J50
	C	2048,2049,2080,2081	CFHXSQ103J16
	C	2055	CEAK102M16
	C	2056,2106,2176,2429	CKSSYB104K16
	C	2058,2193	CKSQYB225K10
	C	2077,2079,2388,2475	CCSRCH221J50
	C	2082,2083,2098,2099	CEAK100M50
	C	2089,2134,2137,2159	CEAK221M16
	C	2090,2091,2107,2108	CCSRCH102J50
	C	2092-2095,2109-2111	CCSRCH331J50
	C	2096,2097,2114,2115	CFHXSQ103J16
	C	2112,2174,2430	CCSSCH331J50
	C	2113,2198,2222,2232	CCSRCH331J50
	C	2116,2117,2239,2247	CEAK100M50
	C	2132,2135,2136,2139	CKSQYB104K50
	C	2141,2144,2146,2148	CKSQYB104K50
	C	2142,2143,2145,2147	CEAK470M25
	C	2149,2151,2153,2155	CEAK470M25
	C	2150,2152,2154,2156	CKSQYB104K50
	C	2157,2167,2169,2171	CEAK470M25
	C	2158,2160,2162,2164	CKSQYB104K50
	C	2161,2163,2165,2209	CEAK221M16
	C	2166,2168,2170,2172	CKSQYB104K50
	C	2173,2215,2219,2228	CEAK470M25
	C	2179,2184,2187,2432	CEAK101M35
	C	2182	CKSQYB225K16
	C	2188,2190,2192,2195	CKSQYB103K50
	C	2191,2196,2197,2238	CFHXSQ103J16
	C	2208,2212,2217,2220	CKSQYB104K50

Mark	No.	Description	Part No.
	C	2213	CEAK221M16
	C	2223,2413,2414	CCSRCH101J50
	C	2224,2282,2284,2290	CKSRYB104K50
	C	2226,2230,2433,2441	CKSQYB104K50
	C	2231,2436,2437,2473	CEAK470M25
	C	2233,2464,2476,2478	CKSQYB103K50
	C	2235,2237,2242,2248	CCSRCH331J50
	C	2236,2246	CCSRCH102J50
	C	2243,2411,2412,2415	CFHXSQ103J16
	C	2281,2283,2289,2301	CCSRCH331J50
	C	2291,2445	CCSRCH330J50
	C	2292,2435,2438,2442	CKSRYB104K50
	C	2302,2303	CCSSCH221J50
	C	2304,2305,2405-2408	CEAK100M50
	C	2379,2455,2456	CCSRCH471J50
	C	2381,2384,2387,2393	CCSRCH331J50
	C	2396,2399	CCSRCH331J50
	C	2401,2402	CKSRYB104K16
	C	2403,2404	DCH1201
	C	2416,2457,2458	CFHXSQ103J16
	C	2443,2446,2472,2480	CKSRYB104K50
	C	2451,2452	CEAK220M50
	C	2453,2454	CCSRCH391J50
	C	2459,2460	CEAK100M50
	C	2474	CEAK470M25
	C	2477	CKSRYB105K16
	C	2482	CKSRYB103K50
	C	2487	CCSSCH100D50
	C	2489	CCSRCH221J50

C FRONT HDMI USB ASSY

SEMICONDUCTORS

Mark		No.	Description	Part No.
⚠	IC	8001		TPS2557DRB
⚠	IC	8002		STMPS2171T
	IC	8003		PCA9517DGK
⚠	IC	8004		BD9329EFJ
	Q	8004		2SC4154-11
	Q	8014,8016		INK0001AC1
	Q	8015		INJ0003AC1
	D	8004		RKZ5.6KG(B2)
	D	8005		1SS355

MISCELLANEOUS

			Part No.
L	8001,8002	CHIP BEADS	ATL7010
L	8003	CHOKE COIL	CTH1446
JA	8001	USB CONNECTOR	DKB1106
JA	8002	HDMI JACK	AKP7268
JA	8003	HDMI JACK	AKP7280
KN	8001,8002	EARTH TERMINAL	AKF7002
CN	8001	CONNECTOR	AKM1277
CN	8002	7P CONNECTOR	VKN1411
JH	8002	PCB BINDER	AEF7008
JP	8001	HOUSING	ADX7760

RESISTORS

			Part No.
R	8005,8011,8052-8054		RS1/8SQ0R0J
R	8009		RS1/10SR473J
R	8014,8015		RS1/16SS2202F
R	8022		RS1/10SR0R0J
R	8044		RS1/16SS1801F
R	8045		RS1/16SS2200F
R	8046		RS1/16SS8201F
R	8055		RS1/4SA105J
R	8058,8059		RS1/8SQ0R0J
R	8087		RS1/16SS3003D
Other Resistors			RS1/16SS###J

CAPACITORS

			Part No.
C	8001,8015,8021		CCSSCH101J50
C	8002,8012,8024,8029		CKSRYB104K50
C	8003,8016,8020,8022		CCSSCH331J50
C	8010,8054		CEAK221M16
C	8014,8031,8051		CCSRCH331J50
C	8018		CKSSYB104K16
C	8023		CKSQYB225K16
C	8030,8037,8038		CKSRYB104K50
C	8032,8033		CCG1236
C	8039		CCSRCH222J50
C	8041,8053		CCSRCH100D50
C	8042,8043		CCSSCH331J50
C	8044,8045		ACG1128
C	8078		CKSSYB473K16

D USB RECT ASSY

SEMICONDUCTORS

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

MISCELLANEOUS

			Part No.
H	3651,3652	FUSE CLIP	AKR1004
KN	3651	EARTH TERMINAL	AKF7002
CN	3652,3653	2P TOP POST	B2B-EH
	7400	HEAT SINK	ANH7250
	7401	SCREW	IBZ30P080FCC
JH	3651,3652	PCB BINDER	AEF7008

RESISTORS

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

CAPACITORS

			Part No.
C	3651		CFTLA104J50
C	3661		CKSRYB104K50
C	3662		CCSRCH101J50
C	3663		CCSRCH331J50
C	3664		CCSRCH100D50
C	3665,3666		CEAK472M25
C	3667		CKSRYB103K50

E DIGITAL MAIN ASSY

SEMICONDUCTORS

			Part No.
IC	101		UPD61110GM-100UEVA
IC	102,9201		M12L2561616A-5TG2A
IC	103		AYW7377
IC	104,604,1808		TC7WHU04FK
IC	601,607,612,1502		TC74VHCT08AFKS1

Mark	No.	Description	Part No.
	IC	603	PE7008A
	IC	608	TC74VHCT541AFK
	IC	610,1509,1806	TC74VHC126FK
	IC	611,1613	TC74VHCT126AFK
	IC	613	TC74VHC08FK
	IC	614,701,9208	TC7SH08FUS1
	IC	901,910	TC74LCX541FK
	IC	902,911,1507	TC7SZ125FU
	IC	903	SII9233ACTU
	IC	909	ADV7181CBSTZ
	IC	1204	88DE2750
	IC	1212	H5PS5162GFR-S5C
⚠	IC	1216	LP2996M
	IC	1501,1814	TC74LCX157FK
	IC	1504	TC7SET08FUS1
	IC	1506,1813	TC74VHC157FK
	IC	1508,1809	TC7SZ126FU
	IC	1602	SII9136CTU
⚠	IC	1605,1610	AAT4610BIGV-1
	IC	1609	SII9573CTUC
	IC	1612	AYW7379
	IC	1802	TC74LCX08FK
	IC	1803	ICS87002BM-05
	IC	1804	TC7SZ08FU
	IC	9001,9701	M12L64164A-5TG2M
	IC	9002,9702	D808K013CPTP400
	IC	9004	AYW7374
	IC	9005	TC7WGU04FK
	IC	9006	TC7SZU04FU
	IC	9102	BU4094BCFV
⚠	IC	9202	BD2226G
	IC	9203	LAN8700C-AEZG
	IC	9204	DM860A
NSP	IC	9205	AYW7372
	IC	9206	341S2162
⚠	IC	9401,9504,9511	S-1170B50UC-OUJ
⚠	IC	9501	S-1172B10-U5
⚠	IC	9502,9514,9518,9523	S-1172B12-E6
⚠	IC	9508	S-1170B25UC-OTK
	IC	9510	NJM2846DL3-33
⚠	IC	9512	NJM2872BF33
⚠	IC	9515	S-1172B15-E6
⚠	IC	9520,9521,9524	BD9328EFJ
⚠	IC	9522	BD9329EFJ
	IC	9602	SII9575CTUC
	IC	9603	PI3HDMI2310
	IC	9703	AYW7375
	Q	601,701,1603,9603	RT1N241M
	Q	901,1601,1602,9602	SSM3K15FU
	Q	906-908,1506	ISA1602AM1
	Q	909-911,9504,9508	2SC4154-11
	Q	1501,9001	RT1N144M
	Q	1502-1504,1507,1509	RT1P241M-11
	Q	9201	RN4983
⚠	Q	9503	RZQ045P01
⚠	Q	9507	RTQ040P02
	D	601,9201	RB501V-40
	D	1601,1602,9151	RKZ5.1KG(B2)
	D	9401	1SR154-400
	D	9504	1SS355

Mark	No.	Description	Part No.
MISCELLANEOUS			
	L	101-107,603,604 CHIP BEADS	VTL1129
	L	606,902-904,907 CHIP BEADS	VTL1129
	L	901,905,906,918 CHIP BEADS	ATL7010
	L	908,917,919,928 CHIP BEADS	VTL1129
	L	921 INDUCTOR	CTF1547
	L	922-924 INDUCTOR	ATL7033
	L	925-927 INDUCTOR	ATL7035
	L	929,1202,1208,1209 CHIP BEADS	VTL1129
	L	1210,1607,1621-1624 CHIP BEADS	ATL7010
	L	1501-1505,1601,1605 CHIP BEADS	VTL1129
	L	1510,9004,9010,9703 CHIP BEADS	VTL1128
	L	1609-1612,1630-1633 COIL	ATH7064
	L	1617 CHIP BEADS	VTL1126
	L	1618,1634 FERRITE BEAD	CTF1528
	L	1625-1629,1635,1636 CHIP BEADS	VTL1129
	L	1801-1803,1806 CHIP BEADS	VTL1129
	L	1808-1811,1815,9001 CHIP BEADS	VTL1129
	L	1814 INDUCTOR	CTF1379
	L	9002,9003,9203,9205 CHIP BEADS	ATL7010
	L	9005,9007,9201,9202 CHIP BEADS	VTL1129
	L	9206,9401-9406,9501 CHIP BEADS	ATL7010
	L	9207-9210,9212-9214 CHIP BEADS	VTL1129
	L	9215,9216 COIL	ATH7082
	L	9217 FILTER	CTF1703
	L	9219,9614-9618,9620 CHIP BEADS	VTL1129
	L	9510-9513,9520,9529 CHIP BEADS	ATL7010
	L	9519,9527,9533 SMD SPL INDUCTOR	ATH7092
	L	9530 INDUCTOR	ATH7087
	L	9532,9534,9610-9613 CHIP BEADS	ATL7010
	L	9701,9702 CHIP BEADS	ATL7010
	L	9704 CHIP BEADS	VTL1129
	L	9705,9706 CHIP BEADS	VTL1128
	JA	1601,1602,9601-9608 HDMI JACK	AKP7268
	JA	9201 USB CONNECTOR	DKB1106
	JA	9202 RJ45 CONNECTOR	AKN7115
	KN	602 SCREW PLATE	VNE1948
	X	101,901 CRYSTAL OSCILLATOR	ASS7123
	X	602 CRYSTAL	ASS7094
	X	902 CRYSTAL	ASS7111
	X	1201 CRYSTAL	ASS7114
	X	1601,9601 CRYSTAL OSCILLATOR	ASS7123
	X	1801 CRYSTAL OSCILLATOR	ASS7102
	X	1802 CRYSTAL OSCILLATOR	ASS7101
	X	9001 RESONATOR	CSS1795
	X	9201 CRYSTAL(24MHZ)	DSS1203
	CN	601 39P CONNECTOR	VKN2098
	CN	602 B TO B 19PIN JACK	AKN7071
	CN	603 B TO B 15PIN JACK	AKN7069
	CN	901 DUMMY CODE	AKN7151
	CN	1502 B TO B 23PIN JACK	AKN7073
	CN	9002 SOCKET(30PL)	BKP1047
	CN	9003 B TO B CONNECTOR	AKP7269
	CN	9202 CONNECTOR	AKM1277
	CN	9501 CONNECTOR	B7B-EH
	JH	9501,9502 PCB BINDER	AEF7008

Mark	No.	Description	Part No.
RESISTORS			
	R	101,119,120	RAB4CQ470J
	R	102-104,611-614	RAB4CQ101J
	R	108-110,1277,1284	RAB4CQ151J
	R	117,118,132-135	RAB4CQ220J
	R	124-128,185,186	RAB4CQ470J
	R	189,200,202	RAB4CQ103J
	R	196-199	RAB4CQ223J
	R	208,209	RS1/16SS1001F
	R	211	RS1/16SS4700F
	R	212-215,1100-1102	RS1/16SS2200F
	R	409,9451	RS1/16SS3301D
	R	410,9452	RS1/16SS8201D
	R	411,9453	RS1/16SS6200D
	R	412,9454,9463	RS1/16SS3901D
	R	608,609	RAB4CQ100J
	R	789,9257	RS1/8SQ0R0J
	R	872,1115	RS1/10SR0R0J
	R	907,909,956,1343	RAB4CQ473J
	R	910,911,913,914	RAB4CQ330J
	R	917,1047,1048,9011	RAB4CQ680J
	R	919,920,923,924	RAB4CQ330J
	R	957,1242-1245,1248	RAB4CQ470J
	R	970,980,988,998	RAB4CQ220J
	R	1000,1001,9016,9017	RAB4CQ220J
	R	1041,1049,1205-1207	RAB4CQ330J
	R	1103-1105	RS1/16SS5601F
	R	1214,1215,1339,1342	RAB4CQ330J
	R	1235,9227	RAB4CQ472J
	R	1249,1365,9043,9226	RAB4CQ470J
	R	1288,1289,1291,9265	RAB4CQ151J
	R	1292,9412,9418,9591	RS1/8SQ105J
	R	1345-1350,1615,1616	RAB4CQ473J
	R	1622,1625,1642,1645	RAB4CQ473J
	R	1650	RS1/16SS4701F
	R	1747-1752,1760	RAB4CQ0R0J
	R	9007-9010,9715-9718	RAB4CQ330J
	R	9012,9018,9019,9719	RAB4CQ680J
	R	9024,9031,9724,9725	RAB4CQ220J
	R	9050,9748	RAB4CQ101J
	R	9155-9157,9181,9198	RAB4CQ473J
	R	9209,9211	RAB4CQ390J
	R	9232,9233,9240	RAB4CQ470J
	R	9234-9237	RAB4CQ121J
	R	9266	RAB4CQ151J
	R	9268,9688	RAB4CQ473J
	R	9286	RS1/16SS3300D
	R	9290-9292,9294	RS1/16SS49R9F
	R	9293	RS1/16SS1202D
	R	9312	RS1/16SS3001F
	R	9459,9461,9473	RS1/16SS1002D
	R	9474	RS1/16SS3601D
	R	9475	RS1/16SS8200D
	R	9476	RS1/16SS1501D
	R	9514	RS1/8SQ365J
	R	9515	RS1/8SQ475J
	R	9641	RS1/8SQ105J
	R	9720,9726,9727,9744	RAB4CQ680J
	R	9729,9733	RAB4CQ220J
	Other Resistors		RS1/16SS###J

Mark	No.	Description	Part No.
CAPACITORS			
	C	101,107,110,116	CEVW101M4
	C	102,111,114,117	CCSSCH331J50
	C	103,106,109,112	DCH1246
	C	104,1427,1733,9004	VCH1234
	C	105,108,146,162	CCSSCH101J50
	C	115,118,136,610	DCH1246
	C	119,126,135,138	CCSSCH331J50
	C	120,121,124,130	CKSSYB103K25
	C	122,129,133,148	CCSSCH471J50
	C	123,125,127,132	CKSSYB104K16
	C	140,142,147,152	CKSSYB104K16
	C	144,959,966,1049	CCSSCH102J50
	C	149,154,163,165	CCSSCH331J50
	C	153,155,158,159	CKSSYB104K16
	C	156,160,170,178	CCSSCH471J50
	C	157,193,215	CCSSCH100D50
	C	161,166,167,171	CKSSYB104K16
	C	173,176,185,427	CCSSCH331J50
	C	175,179,181,184	CKSSYB104K16
	C	180,182,207,212	CCSSCH101J50
	C	186,187,1095-1097	CCSSCH7R0D50
	C	199-201,612,614	CKSSYB103K25
	C	202-205,223,426	CKSSYB104K16
	C	206,627,904,907	CCSSCH471J50
	C	222,9422	CKSSYB472K50
	C	401,619,623,636	CCSSCH101J50
	C	402-404,604,608	CCSSCH100D50
	C	405,407,1808,1811	CCG1222
	C	406,978,9008,9525	CCSSCH330J50
	C	408,428,991,1025	CEVW101M4
	C	418,419,433	CCSQCH331J50
	C	420-422,424,425	CKSQYB105K25
	C	430,613,615-617	CKSSYB104K16
	C	431,605,606,618	CCSSCH331J50
	C	449,450,1907,1963	ACG1128
	C	601,602,1031,9250	CEVW101M16
	C	609,655,915,927	DCH1201
	C	611,621,634,640	CCSSCH100D50
	C	620,624,631,633	CCSSCH331J50
	C	622,625,626,628	CKSSYB104K16
	C	632,637,638	CKSSYB104K16
	C	635,639,641,647	CCSSCH331J50
	C	642-645,662,664	CKSSYB104K16
	C	646,650,651,656	CCSSCH101J50
	C	648,665,666,678	CCSSCH100D50
	C	649,674,696	CCSSCH331J50
	C	653,685,921,922	CKSSYB103K25
	C	654,901,916,928	DCH1246
	C	659,660,682	CCSSCH101J50
	C	675,680,681,686	CKSSYB104K16
	C	679,732,737	CCSSCH100D50
	C	690-692,697	CCSSCH101J50
	C	693,734,750,1040	CCSSCH221J50
	C	698-701,704,713	CCSSCH331J50
	C	705-708,717,718	CCSSCH101J50

Mark	No.	Description	Part No.
C	720,721,735,749		CCSSCH101J50
C	722,759,761,903		CKSSYB104K16
C	726-728,731,733		CCSSCH331J50
C	740-742,745,746		CCSSCH100D50
C	748,753,754,756		CCSSCH331J50
C	751,752,902,924		CCSSCH101J50
C	755,758,905,917		CCSSCH100D50
C	757,762,911,913		CCSSCH331J50
C	906,919,925,931		CKSSYB104K16
C	914		CEVW470M4
C	918,945,946,952		CCSSCH471J50
C	920,923,936,937		CCSSCH331J50
C	926		CEVW470M6R3
C	932,934,942,997		CCSSCH100D50
C	933,955,956,980		CKSSYB103K25
C	935,940,944,947		CKSSYB104K16
C	938,982,993,1027		CCSSCH101J50
C	941,953,957,976		CCSSCH331J50
C	943,949,1098-1100		CCSSCH5R0C50
C	948,954,964,965		CKSSYB104K16
C	958,960,961,979		CCSSCH471J50
C	962,963,1214		DCH1246
C	977,981,984,988		CKSSYB104K16
C	983,1069,1116,1119		CCSSCH471J50
C	989,1024,1029,1030		CCSSCH331J50
C	994,1026,1032,1034		CKSSYB104K16
C	995,1207,1208,1355		CEVW221M4
C	1028,1036		CCSSCH270J50
C	1033,1041,1081,1084		CCSSCH101J50
C	1035,1037,1046,1070		CCSSCH331J50
C	1038,1039,1047		CKSSYB104K16
C	1042,1064,1075,1203		CEVW101M4
C	1043,1045,1054,1056		CKSSYB103K25
C	1044		CKSSYB823K10
C	1048,1060,1063,1065		DCH1201
C	1050-1052,1055,1057		CKSSYB104K16
C	1059,1061,1067,1068		CKSSYB104K16
C	1062,1088,1361,1410		CCSSCH100D50
C	1071,1072,1092-1094		CKSSYB104K16
C	1074,1089-1091,1205		DCH1201
C	1079,1080,1225-1227		CCSSCH331J50
C	1101-1103,1107-1109		CCSSCH180J50
C	1104-1106		CCSSCH4R0C50
C	1110-1112,1115,1118		CKSSYB104K16
C	1206,1213,1223,1229		CKSSYB104K16
C	1211,1228,1230		DCH1201
C	1215,1220,1231,1246		CCSSCH101J50
C	1222,1627,1631,1686		CKSRYB105K16
C	1224,1238,1243,1270		CKSSYB103K25
C	1236,1240,1254,1267		CKSSYB104K16
C	1244,1248,1251,1274		CCSSCH331J50
C	1252,1967,9249,9255		CCSSCH102J50
C	1256,1268,1278,1286		CCSSCH101J50
C	1272,1276,1282,1285		CKSSYB104K16
C	1289,1297,1305,1318		CKSSYB104K16
C	1294,1311,1323,1325		CCSSCH331J50
C	1299,1637,1756,1835		CCSSCH221J50
C	1313,1326		CCSSCH150J50
C	1319,1324,1334,1342		CKSSYB104K16
C	1322,1333,1339,1392		CCSSCH101J50

Mark	No.	Description	Part No.
C	1328,1380,1391,1398		CKSSYB103K25
C	1343,1384,1390,1394		CKSSYB104K16
C	1346,1347,1359,1381		CCSSCH331J50
C	1349-1351,1602,1604		DCH1246
C	1352-1354,1428,1605		DCH1201
C	1357,1664,1742,1821		CEVW101M4
C	1358,1720,1729,9217		CEVW221M4
C	1388,1411,1523,1524		CCSSCH331J50
C	1393,1395,1424,1426		CCSSCH101J50
C	1401,1409,1425,1503		CKSSYB104K16
C	1408,1608,1610,1618		CKSSYB103K25
C	1501,1611,1628,1636		CCSSCH101J50
C	1502,1518,1537,1554		CCSSCH100D50
C	1507,1508,1521,1522		CKSSYB104K16
C	1509,9545,9546		CEAK102M16-P35
C	1525,1549,1551,1614		CKSSYB104K16
C	1536,1541,1546,1548		CCSSCH331J50
C	1550,1552,1601,1613		CCSSCH331J50
C	1609,1615,1652,1666		CCSSCH471J50
C	1612,1616,1619,1651		DCH1246
C	1617,1744,1908,1938		CCSSCH100D50
C	1630,1646,1654,1765		CKSSYB103K25
C	1633,1643,1644,1647		CCSSCH331J50
C	1634,1640,1641,1645		CKSSYB104K16
C	1642,1806,1819,1901		CKSRYB104K50
C	1648,1655,1702,1730		CCSSCH101J50
C	1650,1713,1719,1723		DCH1201
C	1653,1687,1726,1753		CKSSYB104K16
C	1662,1701,1721,1725		CCSSCH331J50
C	1693,1839		CKSRYB105K16
C	1695,1696,1711,1718		DCH1246
C	1716,1717,9609,9610		CCSSCH5R0C50
C	1722,1727,1731,1736		DCH1246
C	1728,1732,1737,1740		DCH1201
C	1734,1760,1762,1764		CCSSCH101J50
C	1743,1747,1750,9168		DCH1201
C	1746,1752,1793,1795		DCH1246
C	1754,1758,1766,1768		CCSSCH331J50
C	1755,1757,1759,1761		CKSSYB104K16
C	1763,1769,1771,1773		CKSSYB104K16
C	1767,1941,1966,9010		CKSSYB103K25
C	1770,1774,1776,1778		CCSSCH331J50
C	1772,1780,1792,1807		CCSSCH101J50
C	1775,1777,1779,1781		CKSSYB104K16
C	1782,1786,1825,9039		CCSSCH471J50
C	1783,1785,1787,1789		CKSSYB104K16
C	1784,1788,1790,1803		CCSSCH331J50
C	1791,1801,1809,1812		CKSSYB104K16
C	1797,1799,9030,9153		DCH1246
C	1810,1813,1829,1841		CCSSCH331J50
C	1817,1828,1834,1840		CKSSYB104K16
C	1818,9429		CCSRCH102J50
C	1820,1824,1855,1940		CCSSCH101J50
C	1845,9003,9013,9015		CCSSCH331J50
C	1846,1854,1905		CKSSYB104K16
C	1903,9409		CKSSYB682K25
C	1917-1922,1931,1932		CKSSYB104K16
C	1933,9248		CKSQYB225K16
C	1935,9005,9029,9169		CEVW101M4
C	1943-1947,1962,1969		CKSSYB104K16

Mark	No.	Description	Part No.
	C	1964,1971,9406,9407	ACG1128
	C	1965,9001,9075,9408	CKSRYB104K50
	C	1968	CCSSCH681J50
A	C	1972,9009,9022,9034	CCSSCH100D50
	C	9006,9007,9012,9014	CKSSYB104K16
	C	9011,9019,9024,9027	CCSSCH101J50
	C	9016,9021,9026,9032	CCSSCH331J50
	C	9017,9018,9020,9023	CKSSYB104K16
	C	9025,9028,9031,9033	CKSSYB104K16
	C	9035,9040,9041,9049	CKSSYB103K25
	C	9036,9042-9045,9047	CKSSYB104K16
	C	9037,9050,9101-9106	CCSSCH100D50
	C	9038,9048,9051,9055	CCSSCH331J50
	C	9046,9053,9056,9057	CCSSCH101J50
B	C	9052,9086,9089,9094	CKSSYB103K25
	C	9054,9069,9222,9291	CCSSCH471J50
	C	9058-9060,9063,9066	CKSSYB104K16
	C	9061,9065,9070,9556	CCSSCH221J50
	C	9062,9064,9074,9076	CCSSCH331J50
	C	9068,9071,9073,9080	CKSSYB104K16
	C	9072,9085,9172,9204	CCSSCH101J50
	C	9077,9081,9143,9145	CCSSCH331J50
	C	9087,9088,9090-9093	CKSSYB104K16
	C	9095,9109,9113-9115	CKSSYB103K25
C	C	9096-9098,9108	CKSSYB104K16
	C	9110-9112,9116-9120	CKSSYB104K16
	C	9121,9125,9127,9128	CKSSYB332K50
	C	9122-9124,9144,9171	CKSSYB104K16
	C	9126,9130-9140,9142	CCSSCH100D50
	C	9129,9155,9158,9173	CKSSYB103K25
	C	9157,9159,9165,9170	CCSSCH331J50
	C	9160,9162,9167,9183	DCH1246
	C	9174,9176,9178,9180	CCSSCH331J50
	C	9175,9202,9207,9223	CKSSYB103K25
	C	9177,9179,9181,9186	CKSSYB104K16
D	C	9182,9206,9209,9214	CCSSCH331J50
	C	9201,9284,9285,9403	CCG1222
	C	9203,9205,9210,9212	CKSSYB104K16
	C	9208,9229,9241,9269	CCSSCH100D50
	C	9211,9215,9220,9224	CCSSCH101J50
	C	9213,9216,9219,9221	CKSSYB104K16
	C	9225,9238,9253,9257	CCSSCH101J50
	C	9226,9228,9230,9233	DCH1201
	C	9227,9231,9234,9237	CKSSYB104K16
	C	9232,9235,9243,9251	CCSSCH331J50
E	C	9236,9239,9613,9625	DCH1201
	C	9240,9242,9256,9266	CKSSYB104K16
	C	9244,9252,9254,9258	CKSSYB103K25
	C	9245,9246	CCSSCH120J50
	C	9259,9261,9275,9277	CCSSCH101J50
	C	9260,9270,9276,9282	CKSSYB103K25
	C	9262,9264,9318,9628	DCH1246
	C	9263,9265,9267,9271	CCSSCH331J50
	C	9268,9272,9274,9278	CKSSYB104K16
	C	9273,9301,9401,9402	CCSSCH100D50
	C	9279,9297,9326	CCSSCH102J50
F	C	9280,9288,9294,9311	CKSSYB104K16
	C	9281,9296,9319,9487	CCSSCH331J50
	C	9283,9286,9290,9292	CKSSYB103K25
	C	9287,9293,9295,9310	CCSSCH101J50

Mark	No.	Description	Part No.
	C	9298-9300	ACG1150
	C	9302	CKSSYB223K16
	C	9324	CKSSYB222K50
	C	9325,9333,9663,9667	CKSSYB103K25
	C	9334,9337,9410,9423	CKSSYB104K16
	C	9338,9411,9434,9498	CCSSCH101J50
	C	9405,9433,9435,9438	CCG1222
	C	9412,9417,9418,9425	ACG1128
	C	9413,9426,9431,9432	CCSSCH100D50
	C	9421,9543,9544,9754	CKSRYB104K50
	C	9430	CCSRCH471J50
	C	9436,9626,9635	CEVW221M4
	C	9440,9479,9481,9486	CCG1222
	C	9469,9474,9490,9491	CKSSYB104K16
	C	9477,9478,9480,9485	CCSSCH100D50
	C	9482,9499,9648,9703	CEVW101M4
	C	9488,9493,9496,9524	CCG1222
	C	9489,9500,9600	CEVW101M16
	C	9492,9495,9501,9522	CCSSCH100D50
	C	9497,9506,9528,9537	CKSSYB104K16
	C	9507,9529,9585,9599	CCSSCH331J50
	C	9526,9532,9534,9582	CCG1222
	C	9533,9552,9598,9621	CCSSCH100D50
	C	9538,9553,9632,9659	CKSSYB104K16
	C	9548,9559,9561,9581	CCSSCH101J50
	C	9590	CCG1222
	C	9592,9597,9616,9617	CCSSCH101J50
	C	9602,9604,9606,9608	CCSSCH331J50
	C	9612,9623,9627,9631	CCSSCH331J50
	C	9624,9633,9637,9701	CCSSCH100D50
	C	9629,9634,9638,9643	DCH1201
	C	9630,9641,9642,9652	DCH1246
	C	9636,9664,9672,9674	CCSSCH331J50
	C	9639,9702	VCH1234
	C	9640,9650,9660,9666	CCSSCH101J50
	C	9646,9649,9653,9656	DCH1201
	C	9658,9697,9699,9728	DCH1246
	C	9661,9665,9669,9671	CKSSYB104K16
	C	9662,9725,9744,9781	CCSSCH221J50
	C	9668,9670,9678,9684	CCSSCH101J50
	C	9673,9675,9677,9679	CKSSYB104K16
	C	9676,9680,9682,9688	CCSSCH331J50
	C	9681,9683,9685,9687	CKSSYB104K16
	C	9686,9690,9716,9746	CCSSCH471J50
	C	9689,9691,9693,9695	CKSSYB104K16
	C	9692,9694,9698,9711	CCSSCH331J50
	C	9696,9709,9713,9732	CCSSCH101J50
	C	9704,9705,9710,9712	CKSSYB104K16
	C	9706	CCSSCH330J50
	C	9707,9720,9724,9737	CCSSCH100D50
	C	9708,9735,9753	CKSSYB103K25
	C	9714,9722,9730,9733	CCSSCH331J50
	C	9715,9717-9719,9721	CKSSYB104K16
	C	9723,9726,9729,9731	CKSSYB104K16
	C	9727	CEVW101M4
	C	9734,9741,9743,9745	CKSSYB104K16
	C	9736,9739,9742,9750	CCSSCH101J50
	C	9738,9740,9748,9752	CCSSCH331J50
	C	9747,9749,9760,9772	CKSSYB104K16
	C	9751,9771,9783	CCSSCH101J50

Mark	No.	Description	Part No.
	C	9755,9774,9776,9780	CCSSCH331J50
	C	9756-9759,9850,9851	CCSSCH100D50
	C	9773,9775,9777-9779	CKSSYB104K16
	C	9782	CKSSYB104K16
	C	9853-9857,9860	CCSSCH331J50
	C	9858,9859	CCSSCH100D50

F INTERFACE ASSY

SEMICONDUCTORS

	Q	7001-7003,7013,7015	RT1N241M
	Q	7005,7021	ISA1602AM1
	Q	7008,7010	2SA1366
	Q	7014,7016	RT1P241M-11
	Q	7022	RSR015P03
	Q	7023,7024	2SC4154-11
	Q	7025-7028	INC2002AC1
	D	7005	1SS301
	D	7007,7009	1SS357
	D	7024	1SS355
	D	7025	RB551V-30

MISCELLANEOUS

	L	7001 CHIP SOLID INDUCTOR	ATL7002
	L	7005-7007 CHIP SOLID INDUCTOR	QTL1013
	JA	7001,7004,7005 JACK	VKB1243
	JA	7002 MINI JACK	QKN1013
	JA	7003 JACK	AKN-209
	KN	7001 SCREW PLATE	VNE1948
	KN	7005,7006 EARTH TERMINAL	AKF7002
	CN	7003 B TO B 13PIN PLUG	AKM7102
	CN	7004,7011 B TO B 19PIN PLUG	AKM7105
	CN	7006 CONNECTOR	9604S-19C
	CN	7009 CONNECTOR	CKS3368
	CN	7010 CONNECTOR	9604S-15C
	JH	7001,7003,7004 PCB BINDER	AEF7008
	JP	7001 HOUSING	ADX7747

RESISTORS

	R	7108	RS1/8SQ105J
	R	7139,7140	RS1/4SA150J
	R	7145-7148	RS1/4SA0R0J
		Other Resistors	RS1/10SR###J

CAPACITORS

	C	7002-7005,7110,7134	CCSRCH100D50
	C	7006,7012,7080,7082	CCSRCH102J50
	C	7007,7011,7015,7081	CKSRYB104K50
	C	7013,7016,7022	CKSRYB103K50
	C	7023,7026	CKSRYB153K50
	C	7083,7114	CKSRYB104K50
	C	7095	CEAK100M50
	C	7101,7143	CCSRCH101J50
	C	7108	CEAK470M25
	C	7111,7113	CCSRCH331J50
	C	7112	CEAK221M16
	C	7120,7121	CKSQYB105K25
	C	7135	CCSRCH102J50

Mark	No.	Description	Part No.

G COMPONENT ASSY

SEMICONDUCTORS

	IC	8301	NJW1327FU1
	IC	8401	NJM2505AF
	IC	8501	PDC162A
	IC	8601	HIN202EIBNZ
	Q	8301,8604	ISA1602AM1
	Q	8302,8501,8603	2SC4154-11
	Q	8303,8605	RT1N141M-11
⚠	Q	8401	2SC5712
⚠	Q	8402	2SA2070
	D	8301,8302,8601,8605	1SS355
	D	8401	1SS302

MISCELLANEOUS

	L	8501 CHIP COIL	LCYA330J2520
	JA	8301 6P PIN JACK NI	AKB7224
	JA	8304 3P PIN JACK NI	AKB7227
	JA	8601 9P D-SUB SOCKET	AKP7256
	X	8501 CRYSTAL RESONATOR	ASS7080
	CN	8301 B TO B CONNECTOR	AKM7221
	CN	8303 20P PLUG	AKM7171
	CN	8401 PLUG(2P)	KM200NA2L
	JP	8402 CONNECTOR ASS'Y	PF04PG-S10

RESISTORS

	R	8301-8306	RS1/10SR75R0F
	R	8310,8312,8314	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	8304,8308,8310,8314	CKSRYB104K50
	C	8305-8307,8313,8315	DCH1201
	C	8309,8317,8322,8340	CKSQYB105K25
	C	8311,8312,8330,8331	CKSRYB103K50
	C	8316,8318,8321,8323	CKSRYB104K50
	C	8324,8326,8341-8343	DCH1201
	C	8325,8327,8328,8336	CKSRYB104K50
	C	8334,8389,8403,8408	CCSRCH102J50
	C	8335,8376,8377,8379	CCSRCH100D50
	C	8337,8344,8347-8349	CKSRYB104K50
	C	8338,8339,8360,8402	CKSRYB103K50
	C	8345,8346,8404,8405	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	8395,8401,8522,8523	CKSRYB104K50
	C	8406,8407,8503,8509	CCSRCH101J50
	C	8409,8414	DCH1201
	C	8410,8413,8415,8421	CCSRCH102J50
	C	8418,8520,8521,8613	CEAK101M16
	C	8419,8420	CEAK221M16

Mark	No.	Description	Part No.
	C	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	8602,8604-8606	CKSRYB104K50
	C	8608	CCSRCH471J50
	C	8610	CCSRCH331J50
	C	8611,8612,8617,8619	CCSRCH100D50

H COMPOSITE ASSY

SEMICONDUCTORS

	Q	3601,3604,3608	ISA1602AM1
	Q	3602,3603,3607	HN1C01FU

MISCELLANEOUS

	JA	3601-3603 2P PIN JACK	AKB7229
	JA	3605 1P PIN JACK	AKB7231
	CN	3601 20P SOCKET	AKP7249

RESISTORS

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

CAPACITORS

	C	3602,3603,3605,3606	CKSRYB104K50
	C	3607,3619,3620	CCSRCH181J50
	C	3612,3613,3615,3616	CKSRYB104K50
	C	3614,3617	CCSRCH102J50
	C	3621-3624	CEAK101M16

I MIC HP ASSY

SEMICONDUCTORS

	IC	3471	NJM4565MD
	Q	3451	RT1N241M
	Q	3452-3455	INC2002AC1
	D	3473-3475	RKZ5.1KG(B2)

MISCELLANEOUS

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

RESISTORS

	R	3456,3459	RS1/4SA0R0J
	R	3495	RS1/10SR75R0F
		Other Resistors	RS1/10SR###J

CAPACITORS

	C	3451,3452	CKSRYB822K50
	C	3457,3475,3479,3494	CCSRCH101J50
	C	3460	DCH1165
	C	3473	CCSRCH471J50
	C	3476,3477	CCSRCH330J50
	C	3478	CEAK100M50
	C	3480	DCH1201
	C	3483,3484	CEAK101M16
	C	3485	CKSRYB105K16
	C	3486,3496	CKSRYB103K50
	C	3488	CKSRYB223K50
	C	3490,3497	CCSRCH331J50
	C	3495	CKSRYB104K50

J DISPLAY ASSY

SEMICONDUCTORS

	IC	3001	PDC203B8
⚠	IC	3003	NJM2878F3-33
	IC	3201	PE5615A
	Q	3004	2SK2034
	Q	3203-3207,3210-3213	RT1N241M
	Q	3216	ISA1602AM1
	D	3002	RB751V-40
	D	3003,3006	1SS302
	D	3004	1SS301
	D	3005	1SS300
	D	3204,3206,3208,3210	SLR343BC4T(JKLM)
	D	3212	SLR343BC4T(JKLM)
	D	3214	1SS355

MISCELLANEOUS

	L	3001 CHIP SOLID INDUCTOR	ATL7002
	KN	3201 FL HOLDER(FE)	VNF1096
	V	3301 FL TUBE DISPLAY	AAV7115
	S	3001-3019 SWITCH	ASG7029
	X	3001 CRYSTAL OSCILLATOR	CSS1653
	X	3201 CERAMIC RESONATOR	VSS1142
	CN	3001 39P CONNECTOR	VKN2098
	CN	3004 7P CONNECTOR	VKN1822

RESISTORS

		All Resistors	RS1/10SR###J

MISCELLANEOUS

	JH	3002 4P CABLE HOLDER	51048-0400
	JH	3003,3004 3P CABLE HOLDER	51048-0300
	JP	3001 HOUSING	ADX7776
	JP	3002 JUMPER WIRE	D20PYY0410E
	JP	3003,3004 JUMPER WIRE	D20PYY0310E
	U	3201 REMOTE RECEIVER UNIT	GP1UE274XKC1

CAPACITORS

	C	3002,3009,3013,3014	CKSRYB104K50
	C	3004,3005	CCSRCH120J50
	C	3006,3020,3021,3209	CKSRYB105K16
	C	3007,3008,3011,3205	CCSRCH471J50
	C	3010,3042	CCSRCH101J50
	C	3012	CKSRYB472K50
	C	3015,3016	CKSRYB473K50
	C	3017,3022,3102,3202	CCSRCH331J50
	C	3018,3035,3045	CKSRYB103K50
	C	3023,3025,3027,3038	CKSRYB104K50

Mark	No.	Description	Part No.
	C	3039,3208	CEAK221M16
	C	3043	CCSRCH150J50
	C	3048,3058,3101,3207	CCSRCH100D50
	C	3103,3105,3201,3204	CKSRYB104K50
	C	3104	CCSRCH330J50
	C	3211,3213	CEAK101M16
	C	3212,3221-3223,3303	CCSRCH331J50
	C	3214,3216,3217	CCSRCH221J50
	C	3215,3218	CCSRCH470J50
	C	3302,3311-3326	CCSRCH471J50
	C	3304,3307	CKSRYB104K50
	C	3305,3308,3328	CEAK470M50
	C	3306,3344,3345	CCSRCH331J50
	C	3327	CEAK101M35
	C	3335-3337,3341	CKSRYB103K50
	C	3338,3340,3343	CCSRCH100D50
	C	3339	CCSRCK2R0C50

K VOL ASSY

MISCELLANEOUS

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

CAPACITORS

	C	3371,3372	CKSRYB103K50

L POWER SW ASSY

SEMICONDUCTORS

	Q	3401	RT1N431M
	D	3402	SLR343BC4T(JKLM)

MISCELLANEOUS

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

RESISTORS

	All Resistors		RS1/10SR###J

CAPACITORS

	C	3401	CCSRCH221J50
	C	3402	CKSRYB104K16

M ENCODER ASSY

MISCELLANEOUS

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

RESISTORS

	All Resistors		RS1/10SR###J

CAPACITORS

	C	3501,3502	CKSRYB103K50

Mark	No.	Description	Part No.

N 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
	Q	6801,6821,6841,6861	INC2002AC1
	Q	6881,6901,6921,7451	INC2002AC1
	Q	7471	INC2002AC1

MISCELLANEOUS

	KN	6801 WRAPPING TERMINAL	CKF1089
	CN	6801 B TO B 23PIN JACK	AKN7073
	CN	6802,6803 B TO B 23PIN PLUG	AKM7107

RESISTORS

	R	6801,6802,6807,6808	RS1/10SR8201F
	R	6806,6826,6846,6866	RS1/10SR22R0F
	R	6815	RS1/8SQ204J
	R	6816,6835,6836,6855	RS1/8SQ225J
	R	6821,6822,6827,6828	RS1/10SR8201F
	R	6841,6842,6847,6848	RS1/10SR8201F
	R	6856,6875,6876,6895	RS1/8SQ225J
	R	6861,6862,6867,6868	RS1/10SR8201F
	R	6869,6889,6909,6929	RS1/10SR1000F
	R	6881,6882,6887,6888	RS1/10SR8201F
	R	6886,6906,6926,7456	RS1/10SR22R0F
	R	6896,6915,6916,6935	RS1/8SQ225J
	R	6901,6902,6907,6908	RS1/10SR8201F
	R	6921,6922,6927,6928	RS1/10SR8201F
	R	6936,7465,7466,7485	RS1/8SQ225J
	R	7451,7452,7457,7458	RS1/10SR8201F
	R	7471,7472,7477,7478	RS1/10SR8201F
	R	7476	RS1/10SR22R0F
	R	7486	RS1/8SQ225J
	R	7491,7492	RS1/8SQ105J
	R	8851-8855,8864,8865	RS1/8SQ0R0J
	Other Resistors		RS1/10SR###J

CAPACITORS

	C	6801,6802,6821,6822	CFHXSQ103J16
	C	6807,6827,6847,6867	CEAK220M50
	C	6841,6842,6861,6862	CFHXSQ103J16
	C	6881,6882,6901,6902	CFHXSQ103J16
	C	6887,6907,6927,7457	CEAK220M50
	C	6921,6922,7451,7452	CFHXSQ103J16
	C	7471,7472,7494,7497	CFHXSQ103J16
	C	7477	CEAK220M50
	C	7495	CCSRCH100D50

O BUFFER GND ASSY

MISCELLANEOUS

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

Mark	No.	Description	Part No.

P IR INTERFACE ASSY

MISCELLANEOUS

	CN	3801,3802 B TO B 23PIN JACK	AKN7073
	CN	3810,3850,3890 B TO B CONNECTOR	AKN7155
	CN	3820,3830,3840,3860 5P SOCKET	KP200IB5L
	CN	3870,3880 5P SOCKET	KP200IB5L

Q D-AMP_S ASSY

SEMICONDUCTORS

	IC	4001	BU7262SFVM
	IC	4004	TC74VHC08FK
	IC	4005	HA17431GLTPA
	IC	4007	BU4094BCFV
⚠	IC	4008	NJM78M05DL1A
⚠	IC	4009	NJM79M05DL1A
⚠	IC	4101,4201,4301,4401	IRS2092SPBF
⚠	IC	4102,4203,4302,4403	NJM2830U1-12
	IC	4204,4404,4604,4704	NJM12904V
⚠	IC	4501,4601,4701,4801	IRS2092SPBF
⚠	IC	4502,4603,4703,4803	NJM2830U1-12
	IC	4804	NJM12904V
⚠	IC	4901	IRS2092SPBF
⚠	IC	4902	NJM2830U1-12
	IC	4905	TC7SET08FUS1
	Q	4000	RT1N241M
	Q	4001,4020,4026,4106	ISA1602AM1
	Q	4002,4003,4017,4030	DTC115EUA
	Q	4004,4006,4008,4010	RT1P241M-11
	Q	4005,4007,4009,4011	RT1N140M
	Q	4012,4013,4035	HN1A01FU
	Q	4014,4016,4027-4029	HN1C01FU
	Q	4015,4021-4023,4025	2SC4154-11
	Q	4018,4031,4033	RT1P241M-11
	Q	4019,4032,4112,4312	RT1N140M
	Q	4024	2SC3906K
	Q	4034,4036	DTC115EUA
	Q	4037,4038,4103-4105	2SC4154-11
⚠	Q	4101,4102,4201,4202	IRF6775MPBF
	Q	4107,4111,4113,4206	ISA1602AM1
	Q	4108,4203-4205,4208	2SC4154-11
	Q	4110,4210,4310,4410	2SA1514K
	Q	4207,4211,4213,4306	ISA1602AM1
⚠	Q	4301,4302,4401,4402	IRF6775MPBF
	Q	4303-4305,4308	2SC4154-11
	Q	4307,4311,4313,4406	ISA1602AM1
	Q	4403-4405,4408	2SC4154-11
	Q	4407,4411,4413,4506	ISA1602AM1
⚠	Q	4501,4502,4601,4602	IRF6775MPBF
	Q	4503-4505,4508	2SC4154-11
	Q	4507,4511,4513,4606	ISA1602AM1
	Q	4510,4610,4710,4810	2SA1514K
	Q	4512,4712,4912,5012	RT1N140M
	Q	4603-4605,4608	2SC4154-11
	Q	4607,4611,4613,4706	ISA1602AM1
⚠	Q	4701,4702,4801,4802	IRF6775MPBF
	Q	4703-4705,4708	2SC4154-11
	Q	4707,4711,4713,4806	ISA1602AM1
	Q	4803-4805,4808	2SC4154-11
	Q	4807,4811,4813,4906	ISA1602AM1
⚠	Q	4901,4902	IRF6775MPBF
	Q	4903-4905,4908	2SC4154-11
	Q	4907,4911,4913	ISA1602AM1
	Q	4910	2SA1514K
	D	4000,4001,4005,4016	1SS355
	D	4011,4012	1SS301
	D	4013,4014,4018,4019	RKZ24KG(B2)
	D	4015,4020	RKZ27KG(B)
	D	4017,4021	RKZ18KG(B2)
	D	4101,4119,4201,4219	1SS355
	D	4108,4109,4208,4209	RF101L2S
	D	4117,4217,4317,4417	RF071M2S
	D	4118,4218,4318,4418	CMH07
	D	4301,4319,4401,4419	1SS355
	D	4308,4309,4408,4409	RF101L2S
	D	4501,4519,4601,4619	1SS355
	D	4508,4509,4608,4609	RF101L2S
	D	4517,4617,4717,4817	RF071M2S
	D	4518,4618,4718,4818	CMH07
	D	4701,4719,4801,4819	1SS355
	D	4708,4709,4808,4809	RF101L2S
	D	4901,4919	1SS355
	D	4908,4909	RF101L2S
	D	4917,5000	RF071M2S
	D	4918	CMH07

MISCELLANEOUS

	L	4100,4200,4300,4400 OTHER COIL	ATH7090
	L	4500,4600,4700,4800 OTHER COIL	ATH7090
	L	4900 OTHER COIL	ATH7090
	JA	4101 SPEAKER TERMINAL 6-P	AKE7107
	JA	4301,4501 SPEAKER TERMINAL 4-P	AKE7109
	JA	4901,5101 SPEAKER TERMINAL 4-P	AKE7109
	KN	4000 WRAPPING TERMINAL	CKF1089
	KN	4100,4200,4300,4400 SCREW PLATE	VNE1948
	KN	4500,4900 SCREW PLATE	VNE1948
	KN	4502,4901 EARTH TERMINAL	AKF7002
	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 B TO B CONNECTOR	AKM7225
	CN	4700,4800 5P PLUG	KM200IB5

RESISTORS

	R	4042	RS1/8SQ0R0J
	R	4057	RS1/8SQ471J
	R	4060	RS1/10SR5602F
	R	4061	RS1/10SR3302F
	R	4101,4201,4301,4401	RS1/10SR3001F

Mark	No.	Description	Part No.
	R	4103,4162,4203,4262	RS1/4SA103J
	R	4107,4187,4188,4207	ACN7180
	R	4111-4114,4211-4214	RS1/4SA2R2J
	R	4115,4215,4315,4415	ACN7192
	R	4116,4178,4216,4278	ACN7198
	R	4119,4120,4167,4219	RS1/10SR1001F
	R	4122,4123,4222,4223	ACN7196
	R	4125,4126,4225,4226	ACN7094
	R	4127,4227,4327,4427	RS1/4SA104J
	R	4129,4229,4329,4429	RS1/8SQ182J
	R	4130,4131,4134,4230	RS1/8SQ103J
	R	4132,4232,4332,4432	RS1/8SQ123J
	R	4133,4177,4233,4277	ACN7197
	R	4135,4235,4335,4435	RS1/8SQ752J
	R	4136,4236,4336,4436	RS1/8SQ242J
	R	4137,4140,4141,4237	ACN7165
	R	4138,4238,4338,4438	RS1/8SQ4R7J
	R	4139,4239,4339,4439	RS1/8SQ100J
	R	4142,4143,4242,4243	ACN7189
	R	4145,4245,4345,4445	RS1/10SR4701F
	R	4148,4248,4348,4448	RS1/10SR3901F
	R	4150,4250,4350,4450	RS1/10SR2200F
	R	4152,4157,4252,4257	RS1/10SR6802F
	R	4154,4254,4354,4454	ACN7186
	R	4155,4168,4255,4268	RS1/10SR4702F
	R	4156,4256,4356,4456	RS1/10SR8201F
	R	4163,4263,4363,4463	RS1/10SR2701F
	R	4166,4266,4366,4466	RS1/10SR1002F
	R	4169,4269,4369,4469	RS1/10SR3902F
⚠	R	4181,4281,4381,4481	NTCG104KF104FB
	R	4186,4195-4198,4286	RS1/8SQR47J
	R	4193,4293,4393,4493	RS1/8SQ1R0J
	R	4220,4267,4319,4320	RS1/10SR1001F
	R	4231,4234,4330,4331	RS1/8SQ103J
	R	4240,4241,4337,4340	ACN7165
	R	4287,4288,4307,4387	ACN7180
	R	4295-4298,4386	RS1/8SQR47J
	R	4303,4362,4403,4462	RS1/4SA103J
	R	4311-4314,4411-4414	RS1/4SA2R2J
	R	4316,4378,4416,4478	ACN7198
	R	4322,4323,4422,4423	ACN7196
	R	4325,4326,4425,4426	ACN7094
	R	4333,4377,4433,4477	ACN7197
	R	4334,4430,4431,4434	RS1/8SQ103J
	R	4341,4437,4440,4441	ACN7165
	R	4342,4343,4442,4443	ACN7189
	R	4352,4357,4452,4457	RS1/10SR6802F
	R	4355,4368,4455,4468	RS1/10SR4702F
	R	4367,4419,4420,4467	RS1/10SR1001F
	R	4388,4407,4487,4488	ACN7180
	R	4395-4398,4486	RS1/8SQR47J
	R	4495-4498,4586	RS1/8SQR47J
	R	4501,4601,4701,4801	RS1/10SR3001F
	R	4503,4562,4603,4662	RS1/4SA103J
	R	4507,4587,4588,4607	ACN7180
	R	4511-4514,4611-4614	RS1/4SA2R2J
	R	4515,4615,4715,4815	ACN7192
	R	4516,4578,4616,4678	ACN7198
	R	4519,4520,4567,4619	RS1/10SR1001F
	R	4522,4523,4622,4623	ACN7196

Mark	No.	Description	Part No.
	R	4525,4526,4625,4626	ACN7094
	R	4527,4627,4727,4827	RS1/4SA104J
	R	4529,4629,4729,4829	RS1/8SQ182J
	R	4530,4531,4534,4630	RS1/8SQ103J
	R	4532,4632,4732,4832	RS1/8SQ123J
	R	4533,4577,4633,4677	ACN7197
	R	4535,4635,4735,4835	RS1/8SQ752J
	R	4536,4636,4736,4836	RS1/8SQ242J
	R	4537,4540,4541,4637	ACN7165
	R	4538,4638,4738,4838	RS1/8SQ4R7J
	R	4539,4639,4739,4839	RS1/8SQ100J
	R	4542,4543,4642,4643	ACN7189
	R	4545,4645,4745,4845	RS1/10SR4701F
	R	4548,4648,4748,4848	RS1/10SR3901F
	R	4550,4650,4750,4850	RS1/10SR2200F
	R	4552,4557,4652,4657	RS1/10SR6802F
	R	4554,4654,4754,4854	ACN7186
	R	4555,4568,4655,4668	RS1/10SR4702F
	R	4556,4656,4756,4856	RS1/10SR8201F
	R	4563,4663,4763,4863	RS1/10SR2701F
	R	4566,4666,4766,4866	RS1/10SR1002F
	R	4569,4669,4769,4869	RS1/10SR3902F
⚠	R	4581,4681,4781,4881	NTCG104KF104FB
	R	4593,4693,4793,4893	RS1/8SQ1R0J
	R	4595-4598,4686	RS1/8SQR47J
	R	4620,4667,4719,4720	RS1/10SR1001F
	R	4631,4634,4730,4731	RS1/8SQ103J
	R	4640,4641,4737,4740	ACN7165
	R	4687,4688,4707,4787	ACN7180
	R	4695-4698,4786	RS1/8SQR47J
	R	4703,4762,4803,4862	RS1/4SA103J
	R	4711-4714,4811-4814	RS1/4SA2R2J
	R	4716,4778,4816,4878	ACN7198
	R	4722,4723,4822,4823	ACN7196
	R	4725,4726,4825,4826	ACN7094
	R	4733,4777,4833,4877	ACN7197
	R	4734,4830,4831,4834	RS1/8SQ103J
	R	4741,4837,4840,4841	ACN7165
	R	4742,4743,4842,4843	ACN7189
	R	4752,4757,4852,4857	RS1/10SR6802F
	R	4755,4768,4855,4868	RS1/10SR4702F
	R	4767,4819,4820,4867	RS1/10SR1001F
	R	4788,4807,4887,4888	ACN7180
	R	4795-4798,4886	RS1/8SQR47J
	R	4895-4898,4986	RS1/8SQR47J
	R	4901	RS1/10SR3001F
	R	4903,4962	RS1/4SA103J
	R	4907,4987,4988,5003	ACN7180
	R	4911-4914	RS1/4SA2R2J
	R	4915	ACN7192
	R	4916,4978	ACN7198
	R	4919,4920,4967,5000	RS1/10SR1001F
	R	4922,4923	ACN7196
	R	4925,4926	ACN7094
	R	4927	RS1/4SA104J
	R	4929	RS1/8SQ182J
	R	4930,4931,4934,5029	RS1/8SQ103J
	R	4932	RS1/8SQ123J
	R	4933,4977	ACN7197
	R	4935	RS1/8SQ752J

Mark	No.	Description	Part No.
	R	4936	RS1/8SQ242J
	R	4937,4940,4941	ACN7165
	R	4938	RS1/8SQ4R7J
	R	4939	RS1/8SQ100J
	R	4942,4943	ACN7189
	R	4945	RS1/10SR4701F
	R	4948	RS1/10SR3901F
	R	4950	RS1/10SR2200F
	R	4952,4957	RS1/10SR6802F
	R	4954	ACN7186
	R	4955,4968	RS1/10SR4702F
	R	4956	RS1/10SR8201F
	R	4963	RS1/10SR2701F
	R	4966,5001	RS1/10SR1002F
	R	4969	RS1/10SR3902F
⚠	R	4981	NTCG104KF104FB
	R	4993	RS1/8SQ1R0J
	R	4995-4998	RS1/8SQR47J
	R	5004,5026,5059,5159	ACN7180
	R	5006-5009	RS1/4SA105J
	R	5011,5017,5025	RS1/8SQ473J
	R	5012,5013,5016,5020	RS1/8SQ104J
	R	5014,5022	RS1/8SQ683J
	R	5015,5023	RS1/8SQ223J
	R	5018	RS1/8SQ474J
	R	5019	RS1/8SQ224J
	R	5021,5024	RS1/8SQ104J
	R	5030	RS1/8SQ103J
	R	5039,5040	RS1/8SQ222J
	Other Resistors		RS1/10SR###J

CAPACITORS

	C	4007,4011,4013	CCSRCH331J50
	C	4008,4010,4036,4052	ACH7321
	C	4009,4014-4017,4087	CCSRCH101J50
	C	4022,4040,4112,4212	CCG1255
	C	4023	CEHVW100M16
	C	4024,4166,4167,4266	ACH1479
	C	4026,4035,4086,4091	CKSRYB104K50
	C	4044	CCSRCH221J50
	C	4046-4048,4050,4051	CCSRCH331J50
	C	4053	ACH7321
	C	4057,4058	ACH7305
	C	4063	ACH7311
	C	4065,4066,4110,4310	CEAK100M50
	C	4067,4068,4073,4074	CFHXSQ103J16
	C	4069,4070	CEAK101M16
	C	4077	CCSRCH100D50
	C	4078,4079,4180,4182	ACE7090
	C	4080,4098,4099,4105	CFHXSQ102J50
	C	4097	CCSRCH101J50
	C	4100,4200,4300,4400	CFTLA104J2A
	C	4101,4201,4301,4401	CFTLA474J2A
	C	4108,4109,4208,4209	ACH7320
	C	4113,4213,4313,4413	CKSRYB104K50
	C	4119,4219,4319,4419	ACG7110
	C	4120,4123,4205,4220	CFHXSQ102J50
	C	4121,4122,4221,4222	CFHXSQ103J16
	C	4134,4136,4234,4236	ACH7376
	C	4149,4150,4249,4250	ACH7359
	C	4156,4256,4356,4456	CKSRYB473K50
	C	4159,4160,4259,4260	ACG7107
	C	4161,4175,4261,4275	ACG7105
	C	4223,4305,4320,4323	CFHXSQ102J50
	C	4258,4458,4658,4758	CKSRYB103K50
	C	4267,4366,4367,4466	ACH1479
	C	4280,4282,4380,4382	ACE7090
	C	4308,4309,4408,4409	ACH7320
	C	4312,4412,4512,4612	CCG1255
	C	4321,4322,4421,4422	CFHXSQ103J16
	C	4334,4336,4434,4436	ACH7376
	C	4349,4350,4449,4450	ACH7359
	C	4359,4360,4459,4460	ACG7107
	C	4361,4375,4461,4475	ACG7105
	C	4405,4420,4423,4505	CFHXSQ102J50
	C	4467,4566,4567,4666	ACH1479
	C	4480,4482,4580,4582	ACE7090
	C	4500,4600,4700,4800	CFTLA104J2A
	C	4501,4601,4701,4801	CFTLA474J2A
	C	4508,4509,4608,4609	ACH7320
	C	4510,4710,4910,5110	CEAK100M50
	C	4513,4613,4713,4813	CKSRYB104K50
	C	4519,4619,4719,4819	ACG7110
	C	4520,4523,4605,4620	CFHXSQ102J50
	C	4521,4522,4621,4622	CFHXSQ103J16
	C	4534,4536,4634,4636	ACH7376
	C	4549,4550,4649,4650	ACH7359
	C	4556,4656,4756,4856	CKSRYB473K50
	C	4559,4560,4659,4660	ACG7107
	C	4561,4575,4661,4675	ACG7105
	C	4623,4705,4720,4723	CFHXSQ102J50
	C	4667,4766,4767,4866	ACH1479
	C	4680,4682,4780,4782	ACE7090
	C	4708,4709,4808,4809	ACH7320
	C	4712,4812,4912	CCG1255
	C	4721,4722,4821,4822	CFHXSQ103J16
	C	4734,4736,4834,4836	ACH7376
	C	4749,4750,4849,4850	ACH7359
	C	4759,4760,4859,4860	ACG7107
	C	4761,4775,4861,4875	ACG7105
	C	4805,4820,4823,4905	CFHXSQ102J50
	C	4858	CKSRYB103K50
	C	4867,4966,4967	ACH1479
	C	4880,4882,4980,4982	ACE7090
	C	4900	CFTLA104J2A
	C	4901	CFTLA474J2A
	C	4908,4909	ACH7320
	C	4913	CKSRYB104K50
	C	4919	ACG7110
	C	4920,4923,5000	CFHXSQ102J50
	C	4921,4922	CFHXSQ103J16
	C	4934,4936	ACH7376
	C	4949,4950	ACH7359
	C	4956	CKSRYB473K50
	C	4959,4960	ACG7107
	C	4961,4975	ACG7105
	C	5080,5082,5180,5182	ACE7090

Mark	No.	Description	Part No.

R PRIMARY ASSY

SEMICONDUCTORS

⚠	IC 1		MIP4150MD
⚠	IC 52		NJM1431AF
	Q 71		INC2002AC1
⚠	D 1		D2SB60A
⚠	D 2		RD2ALF-A1
⚠	D 3		1SS403
⚠	D 4		RB751V-40
⚠	D 50		FMEN-220A
	D 71,72		1SS355

MISCELLANEOUS

⚠	L 1	LINE FILTER	ATF7046
	L 51	COIL	ATH7080
⚠	L 71	LINE FILTER	XTF3004
	H 1,2,71,72	FUSE CLIP	AKR1004
⚠	JA 71	AC INLET ASSY	ADX7513
	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
	0	HEAT SINK(AL)	ANH7224
	0	HEAT SINK	ANH7251
	0	SCREW	BBZ30P080FCC
	JP 51	HOUSING	ADX7791
⚠	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		ACE7071
	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 12,21		VCG1046
	C 13		CCSRCH102J50
	C 16		CCSQCH101J50
	C 52		BCH1044
	C 58		ACH7369
	C 61		CCSRCH101J50
⚠	C 73		XCG3010
	C 74,75		CCSRCH220J50

Mark	No.	Description	Part No.

S A-REG ASSY

SEMICONDUCTORS

⚠	IC 7501		NJM78M12FA
⚠	IC 7502		NJM79M12FA
⚠	IC 7521		NJM78M06FA
⚠	D 7501-7504		1SR154-400
	D 7506,7507		1SS355

MISCELLANEOUS

	H 7501-7504	FUSE CLIP	AKR1004
	CN 7501	5P TOP POST	B5B-EH
	CN 7502	L-PLUG(5P)	KM200NA5L

RESISTORS

	All Resistors		RS1/8SQ###J

MISCELLANEOUS

	JH 7501,7502	PCB BINDER	AEF7008

CAPACITORS

	C 7502,7524-7526		CKSRYB473K50
	C 7503		CEAK332M25
	C 7504		CFTLA394J50
	C 7505,7506,7522		CKSRYB103K50
	C 7509,7510,7517		CKSRYB104K50
	C 7511		CEAK222M25
	C 7515,7516		CEAK221M35
	C 7523		CEAK101M35

T IR REG ASSY

SEMICONDUCTORS

⚠	IC 7241		NJM78M15FA
⚠	IC 7251		NJM78M12FA
⚠	IC 7252		NJM79M12FA
⚠	IC 7271		NJM78M08FA
⚠	IC 7272		NJM79M08FA
	Q 7203,7204,7207,7221		RT1N241M
	Q 7205,7206,7224		RT1P241M-11
⚠	Q 7211		2SD2400A
⚠	Q 7212		2SB1569A
	Q 7222		RN2301
	Q 7223,7225,7226		RT1N241M
	D 7200,7219,7255,7256		1SS355
	D 7213,7214		RKZ7.5KG(B2)
	D 7215,7216		1SR154-400
⚠	D 7241-7244,7251-7254		1SR154-400
⚠	D 7271-7274		1SR154-400
	D 7275,7276		1SS355
⚠	D 7400,7401		LN6SB60-4003

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

Mark	No.	Description	Part No.
	CN 7271	PLUG(4P)	KM200NA4
	CN 7281	CONNECTOR	CKS3368
	CN 7400	PLUG	CKS-556
	7400,7401	HEAT SINK	ANH7250
	7402,7403	SCREW	IBZ30P080FCC
	JH 7251-7254	PCB BINDER	AEF7008
	JP 7291	HOUSING	ADX7778

RESISTORS

R	7211,7213	RD1/4MUF102J
R	7245,7258,7259,7273	RS1/4SA105J
R	7255,7256	RS1/8SQ220J
R	7260	RS1/8SQ105J
R	7272,7403,7404	ACN7180
R	7274	RS1/4SA271J
R	7275,7276	RS1/8SQ273J
R	7277,7278	RS1/8SQ223J
R	7400	RS1/4SA913J
R	7401	RS1/4SA683J
R	7402	RD1/4MUF100J
R	7405,7406	RS1/4SA105J
	Other Resistors	RS1/10SR###J

CAPACITORS

C	7203,7204	CCSRCH331J50
C	7213,7214	CEAK101M16
C	7215,7219	CEAK100M50
C	7217,7218	CKSRYB103K50
C	7221,7246	CEAK470M25
C	7222,7294	CCSRCH471J50
C	7240,7250,7270	CFTLA394J50
C	7241,7251,7252	CEAK222M25
C	7255,7256	CEAK221M35
C	7271,7272	CEAK222M16
C	7275,7276	CEAK221M16
C	7400,7401	ACH7258
C	7402,7403	CFTLA104J2A

U V-REG ASSY

SEMICONDUCTORS

⚠	IC	7551	NJM78M12FA
	IC	7901	S-80848CNMC-B89
	Q	7901	2SA1037K
⚠	D	7551,7554,7555	1SR154-400
	D	7552,7556,7902	1SS355
⚠	D	7557-7559	1SR154-400
⚠	D	7560	D3SBA60(B)
	D	7561	RKZ3.3KG(B2)
	D	7562,7564	RKZ5.1KG(B2)
	D	7563	PTZ22(B)
	D	7901,7903	1SS301

MISCELLANEOUS

H	7551-7554	FUSE CLIP
CN	7551	5P TOP POST
CN	7552,7553	PLUG(7P)
CN	7554	PLUG(4P)
CN	7661	B TO B 19PIN JACK
CN	7663	CONNECTOR
CN	7901,7902	39P CONNECTOR
	7551	SCREW
	7552	HEAT SINK
JH	7901,7903,7904	PCB BINDER

Mark	No.	Description	Part No.
			AKR1004
			B5B-EH
			KM200NA7
			KM200NA4
			AKN7071
			9604S-15C
			VKN2097
			BBZ30P080FCC
			ANH7251
			AEF7008

RESISTORS

⚠	R	7552	RD1/4MUF4R7J
	R	7555	RD1/4MUF391J
	R	7558	RS1/8SQ225J
	R	7902,7905	RS1/8SQ105J
		Other Resistors	RS1/10SR###J

CAPACITORS

	C	7551,7552,7569,7576	CKSRYB103K50
	C	7554	CEAK471M35
	C	7555	CEAK100M50
	C	7557	CEAK102M35
	C	7559,7560	CFTLA104J50
	C	7561	CEANP101M35
	C	7563	CEAK221M35
	C	7566	CEAK101M35
	C	7568,7582,7920	CCSRCH101J50
	C	7571	CEAK470M50
	C	7572	CEAK101M16
	C	7573	CEAK472M16
	C	7574	CEAK222M16
	C	7579,7580	CKSRYB103K50
	C	7901,7903,7909,7915	CCSRCH100D50
	C	7916,7936	CCSRCH100D50
	C	7923	CKSRYB105K16

V VREG CHILD ASSY

SEMICONDUCTORS

⚠	IC	8701	NJM78M05FA
⚠	IC	8702	NJM79M05FA
	D	8702,8703	1SS355

MISCELLANEOUS

	JP	8701	HOUSING

CAPACITORS

	C	8701,8702	CKSRYB103K50
	C	8703,8704	CEAK101M16

W CONNECT ASSY

MISCELLANEOUS

	CN	7801	B TO B 15PIN PLUG
	CN	7802	B TO B 19PIN PLUG
	CN	7803	B TO B 13PIN JACK
	CN	7804	B TO B 19PIN JACK

RESISTORS

	R	7808-7820,7891-7897	RS1/10SR100J
		Other Resistors	RS1/8SQ###J

CAPACITORS

	C	7813,7816	CCSRCH100D50

Mark	No.	Description	Part No.

X A-DAC BRIDGE ASSY

MISCELLANEOUS

	CN3791,3792 14P PLUG	AKM7170
	CN3793,3794 B TO B CONNECTOR	AKM7176

RESISTORS

	All Resistors	RS1/10SR###J

CAPACITORS

	C 3798	CKSRYB104K50

Y D-AUDIO BRIDGE ASSY

MISCELLANEOUS

	CN3771,3772 B TO B 23PIN PLUG	AKM7107

Z D-DAC BRIDGE ASSY

MISCELLANEOUS

	CN3781,3782 B TO B CONNECTOR	AKM7176
	CN3783,3784 PLUG (30P)	BKM1035

CAPACITORS

	C 3780	CCSRCH100D50
	C 3784	CKSRYB104K50
	C 3785	CKSRYB103K50
	C 3786	CCSRCH101J50

AA PRE BRIDGE ASSY

MISCELLANEOUS

	CN6951,6952 B TO B 23PIN PLUG	AKM7107

AB FAN CONNECT_S ASSY

MISCELLANEOUS

	CN3651,3652 PLUG(3P)	KM200NA3
	JH 3651 PCB BINDER	AEF7008

AC MIC HP GUARD ASSY

MISCELLANEOUS

	JH 5921,5924 PCB BINDER	AEF7008

AD BIND DM CABLE ASSY

MISCELLANEOUS

	JH 3551 PCB BINDER	AEF7008

AE P WIRE GUARD ASSY

MISCELLANEOUS

	JH 3560 PCB BINDER	AEF7008

AF FFC GUARD ASSY

FFC CUARD ASSY has no service parts.

AG BIND FAN CABLE ASSY

BIND FAN CABLE ASSY has no service parts.

AH VREG GUARD ASSY

VREG GUARD ASSY has no service parts.

AI TRANS VREG STYL ASSY

TRABS VREG STYL ASSY has no service parts.

AJ IR EDGE GUARD ASSY

IR EDGE GUARD ASSY has no service parts.

AK PANEL GUARD ASSY

PANEL GUARD ASSY has no service parts.