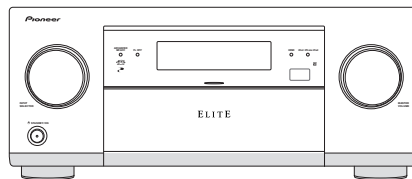


Pioneer

Service Manual



VSX-53

ORDER NO.
RRV4194

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

VSX-53

VSX-1326-K

VSX-52

VSX-1126-K

VSX-1121-K

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

Model	Type	Power Requirement	Remarks
VSX-53	UXJCB	AC 120 V	
VSX-1326-K	CUXJ	AC 120 V	
VSX-52	UXJCB	AC 120 V	
VSX-1126-K	CUXJ	AC 120 V	
VSX-1121-K	UXJCB	AC 120 V	



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SAFETY INFORMATION



This service manual is intended for qualified service technicians ; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual. Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING

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

Health & Safety Code Section 25249.6 - Proposition 65

NOTICE

(FOR CANADIAN MODEL ONLY)

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

REMARQUE

(POUR MODÈLE CANADIEN SEULEMENT)

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

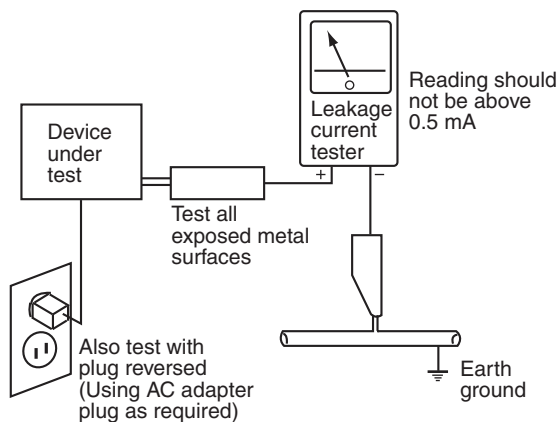
(FOR USA MODEL ONLY)

1. SAFETY PRECAUTIONS

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

LEAKAGE CURRENT CHECK

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



AC Leakage Test

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

2. PRODUCT SAFETY NOTICE

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

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

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

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

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1. SERVICE PRECAUTIONS

1.1 NOTES ON SOLDERING

- For environmental protection, lead-free solder is used on the printed circuit boards mounted in this unit.
Be sure to use lead-free solder and a soldering iron that can meet specifications for use with lead-free solders for repairs accompanied by reworking of soldering.
- 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	AWX9825 (VSX-53) (VSX-1326-K) AWX9826 (VSX-52) (VSX-1126-K) (VSX-1121-K)	IC101	MAIN CPU	UPD61283F1-407LU2A	BGA
		IC903	HDMI RECEIVER	SII9233ACTU	IC with heat-pad
		IC905	HDMI SWITCH	SII9387CTU	IC with heat-pad
		IC1204	DIGITAL VIDEO FORMAT CONVERTER	88DE2750	BGA
		IC1212 (MAIN)	DDR2-SDRAM	H5PS5162GFR-S5C-K	BGA
		IC1212 (SUB)	DDR2-SDRAM	K4T51163QI-HCE7	BGA
		JA1501	CONNECTOR (for BLUE TOOTH)	CKS5712-A	Land is under parts
		IC1602	HDMI TRANSMITTER	SII9136CTU	IC with heat-pad
		IC1603	HDMI TRANSMITTER	SII9136CTU	IC with heat-pad
		IC9002	DSP	D810K013BZKB400-K	BGA
		IC9204	MEDIA PROCESSOR	DM860	BGA
		IC9203	LAN PHY	LAN8700C-AEZG	IC with heat-pad
		IC9205	FLASH ROM	AYW7346-A	MAC Address closed-door
		IC9510	REGULATOR	NJM2846DL3-33	IC with heat-pad
		IC9509	REGULATOR	MM1701WH	IC with heat-pad

1.3 CAUTION

- Discharging
Please refer to page 43, “Preparations Before Performing Diagnosis of the POWER AMP Assy”.
- Ground Points
Please refer to page 44, “Ground Points”.

2. SPECIFICATIONS

● VSX-53 / VSX-52

Amplifier section

Continuous average power output of 110 watts* per channel, min., at 8 ohms, from 20 Hz to 20 000 Hz with no more than 0.08 % total harmonic distortion.**

Continuous Power Output
(20 Hz to 20 kHz, 8 Ω, 0.08 %)

Front 110 W + 110 W
Center 110 W
Surround 110 W + 110 W
Surround back (Front height/wide)
..... 110 W + 110 W

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

Front 150 W + 150 W
Center 150 W
Surround 150 W + 150 W
Surround back (Front height/wide)
..... 150 W + 150 W

Total harmonic distortion 0.06 %
(20 Hz to 20 kHz, 100 W + 100 W, 8 Ω)

Guaranteed speaker impedance 16 Ω to 8 Ω,
less than 8 Ω to 6 Ω (setting required)

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

** Measured by Audio Spectrum Analyzer

Audio Section

Input (Sensitivity/Impedance)

LINE 350 mV/47 kΩ

Output (Level/Impedance)

REC 335 mV/2.2 kΩ

Signal-to-Noise Ratio

(IHF, short circuited, A network)

LINE 103 dB

Frequency Response 5 Hz to 100 000 Hz⁺⁰₋₃ dB
(Pure Direct Mode)

Tuner Section

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

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

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

Antenna (AM) Loop antenna (balanced)

Video Section

Signal level

Composite Video 1 Vp-p (75 Ω)

Component Video Y: 1.0 Vp-p (75 Ω),

PB/PR: 0.7 Vp-p (75 Ω)

Corresponding maximum resolution

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

Digital In/Out Section

HDMI terminal 19-pin (Not DVI)

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

USB terminal USB2.0 Full Speed (Type A)

iPod terminal USB, and Video (Composite)

SIRIUS antenna cable..... 8-pin mini DIN cable

ADAPTER PORT terminal..... 5 V, 100 mA

WIRELESS LAN ADAPTER terminal
..... 5 V, 600 mA

Integrated Control Section

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

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

IR signal..... High Active (High Level: 2.0 V)

12 V Trigger terminal ø 3.5 Mini-jack (MONO)

12 V Trigger output type..... 12 V, Total 150 mA

RS-232C cable type..... 9-pin, cross type,
female-female

EXTENSION terminal 5 V, 150 mA

Network Section

LAN terminal 10 BASE-T/100 BASE-TX

Miscellaneous

Power requirements AC 120 V, 60 Hz

Power consumption 570 W

In standby

..... 0.1 W (HDMI Setup – Control : OFF)

..... 0.3 W (HDMI Setup – Control : ON)

Dimensions

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

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

Weight (without package)

VSX-53..... 13.9 kg (30.6 lb)

VSX-52..... 13.7 kg (30.2 lb)

Number of Furnished Parts

MCACC Setup microphone 1

Remote control unit 1

AAA size IEC R03 dry cell batteries 2

iPod cable..... 1

AM loop antenna 1

FM wire antenna..... 1

Warranty card 1

Power cord

CD-ROM (AVNavigator)

These operating instructions



Note

- Specifications and the design are subject to possible modifications without notice, due to improvements.
- *This product includes FontAvenue® fonts licensed by NEC Corporation. FontAvenue is a registered trademark of NEC Corporation.*

● VSX-1326-K / VSX-1126-K

Amplifier section

Continuous average power output of 110 watts* per channel, min., at 8 ohms, from 20 Hz to 20 000 Hz with no more than 0.08 % total harmonic distortion.**

Continuous Power Output

(20 Hz to 20 kHz, 8 Ω, 0.08 %)

Front 110 W + 110 W

Center 110 W

Surround 110 W + 110 W

Surround back (Front height/wide)

..... 110 W + 110 W

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

Front 150 W + 150 W

Center 150 W

Surround 150 W + 150 W

Surround back (Front height/wide)

..... 150 W + 150 W

Total harmonic distortion 0.06 %

(20 Hz to 20 kHz, 100 W + 100 W, 8 Ω)

Guaranteed speaker impedance 16 Ω to 8 Ω,
less than 8 Ω to 6 Ω (setting required)

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

*** Measured by Audio Spectrum Analyzer*

Audio Section

Input (Sensitivity/Impedance)

LINE 350 mV/47 kΩ

Output (Level/Impedance)

REC 335 mV/2.2 kΩ

Signal-to-Noise Ratio

(IHF, short circuited, A network)

LINE 103 dB

Frequency Response 5 Hz to 100 000 Hz⁺³ dB
(Pure Direct Mode)

Tuner Section

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

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

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

Antenna (AM) Loop antenna (balanced)

Video Section

Signal level

Composite Video 1 Vp-p (75 Ω)

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

Corresponding maximum resolution

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

Digital In/Out Section

HDMI terminal 19-pin (Not DVI)

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

USB terminal USB2.0 Full Speed (Type A)

iPod terminal USB, and Video (Composite)

SIRIUS antenna cable..... 8-pin mini DIN cable

ADAPTER PORT terminal..... 5 V, 100 mA

WIRELESS LAN ADAPTER terminal

..... 5 V, 600 mA

Integrated Control Section

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

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

IR signal High Active (High Level: 2.0 V)

RS-232C cable type 9-pin, cross type,
female-female

EXTENSION terminal 5 V, 150 mA

VSX-1326 only :

12 V Trigger terminal ø 3.5 Mini-jack (MONO)

12 V Trigger output type 12 V, Total 150 mA

Network Section

LAN terminal 10 BASE-T/100 BASE-TX

Miscellaneous

Power requirements AC 120 V, 60 Hz

Power consumption 570 W
In standby

..... 0.1 W (HDMI Setup – Control : OFF)

..... 0.3 W (HDMI Setup – Control : ON)

Dimensions

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

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

Weight (without package)

VSX-1326..... 13.9 kg (30.6 lb)

VSX-1126..... 13.7 kg (30.2 lb)

Number of Furnished Parts

MCACC Setup microphone 1

Remote control unit 1

AAA size IEC R03 dry cell batteries 2

iPod cable 1

AM loop antenna 1

FM wire antenna 1

Power cord

CD-ROM (AVNavigator)

These operating instructions



Note

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- This product includes FontAvenue® fonts licensed by NEC Corporation. FontAvenue is a registered trademark of NEC Corporation.*

● VSX-1121-K

A Amplifier section

Continuous average power output of 110 watts* per channel, min., at 8 ohms, from 20 Hz to 20 000 Hz with no more than 0.08 % total harmonic distortion.**

Continuous Power Output
(20 Hz to 20 kHz, 8 Ω, 0.08 %)

Front 110 W + 110 W
Center 110 W
Surround 110 W + 110 W
Surround back (Front height/wide)

..... 110 W + 110 W
Continuous Power Output (1 kHz, 6 Ω, 1.0 %)

Front 150 W + 150 W
Center 150 W
Surround 150 W + 150 W
Surround back (Front height/wide)

..... 150 W + 150 W
Total harmonic distortion 0.06 %
(20 Hz to 20 kHz, 100 W + 100 W, 8 Ω)

Guaranteed speaker impedance 16 Ω to 8 Ω,
less than 8 Ω to 6 Ω (setting required)

** Measured pursuant to the Federal Trade
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Output Claims for Amplifiers*

*** Measured by Audio Spectrum Analyzer*

C Audio Section

Input (Sensitivity/Impedance)

LINE 350 mV/47 kΩ

Output (Level/Impedance)

REC 335 mV/2.2 kΩ

Signal-to-Noise Ratio

(IHF, short circuited, A network)

LINE 103 dB

Frequency Response 5 Hz to 100 000 Hz^{±3} dB
(Pure Direct Mode)

Tuner Section

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

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

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

Antenna (AM) Loop antenna (balanced)

Video Section

Signal level

Composite Video 1 Vp-p (75 Ω)

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

Corresponding maximum resolution

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

D Digital In/Out Section

HDMI terminal 19-pin (Not DVI)

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

USB terminal USB2.0 Full Speed (Type A)

iPod terminal USB, and Video (Composite)

SIRIUS antenna cable..... 8-pin mini DIN cable

ADAPTER PORT terminal..... 5 V, 100 mA

WIRELESS LAN ADAPTER terminal
..... 5 V, 600 mA

Integrated Control Section

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

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

IR signal..... High Active (High Level: 2.0 V)

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 570 W

In standby

..... 0.1 W (HDMI Setup – Control : OFF)

..... 0.3 W (HDMI Setup – Control : ON)

Dimensions

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

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

Weight (without package)..... 13.7 kg (30.2 lb)

Number of Furnished Parts

MCACC Setup microphone 1

Remote control unit 1

AAA size IEC R03 dry cell batteries..... 2

iPod cable..... 1

AM loop antenna 1

FM wire antenna 1

Power cord

CD-ROM (AVNavigator)

These operating instructions



Note

- Specifications and the design are subject to possible modifications without notice, due to improvements.
- *This product includes FontAvenue® fonts licensed by NEC Corporation. FontAvenue is a registered trademark of NEC Corporation.*

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.

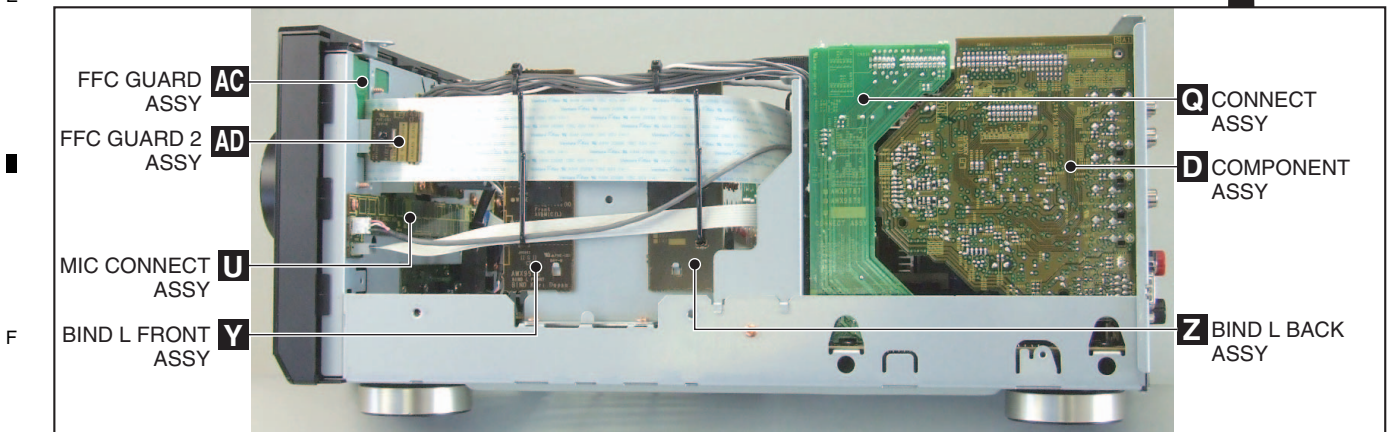
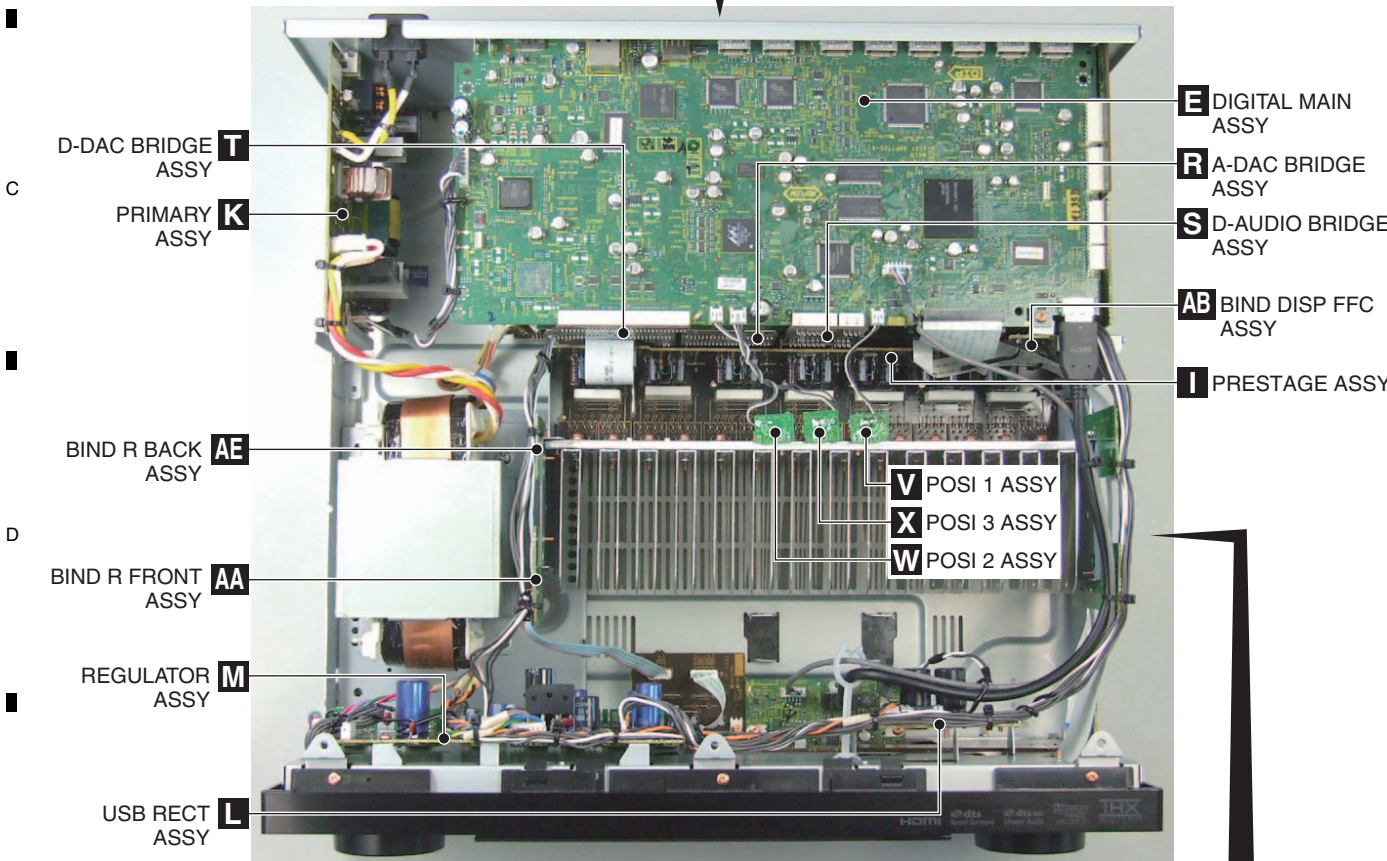
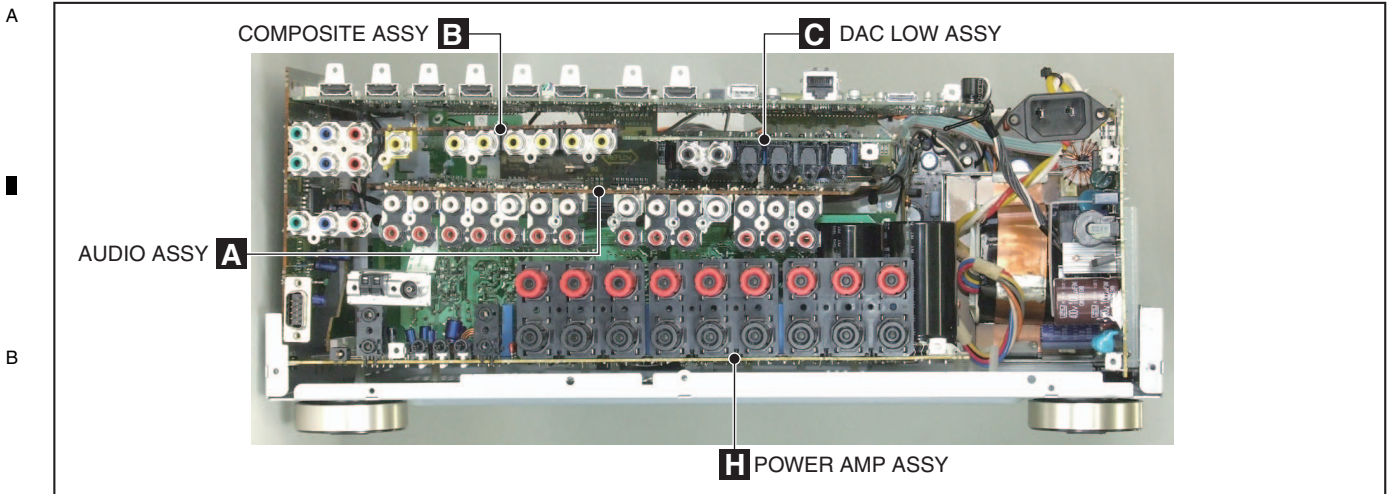
No.	Procedures	Check points
1	Confirm whether the customer complain has been solved. If the customer complain occurs with the particular source, such as Dolby Digital, DTS, AAC, DVD-A and HDMI, input it for the operation check.	The customer complain must not be reappeared. Video, Audio and operations 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.

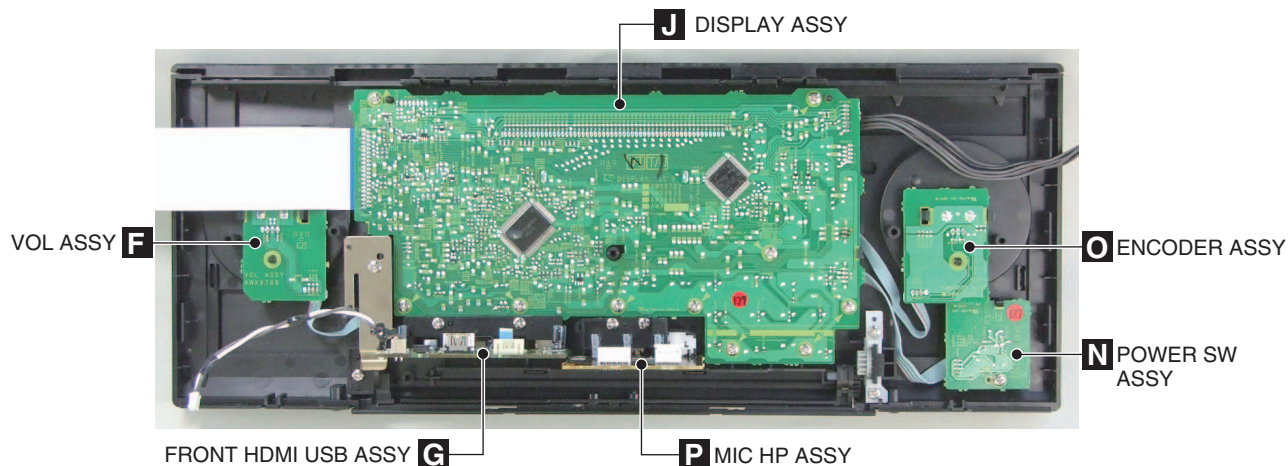
See the table below for the items to be checked regarding video and audio.

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	

1 2 3 4

3.2 PCB LOCATIONS





NOTES:

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

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
LIST OF ASSEMBLIES							
NSP	1..	LOCAL POWER ASSY	AWM8247	NSP	1..	AMP ASSY(VSX-1126-K/1121-K)	AWM8275
	2..	REGULATOR ASSY	AWX9774		2..	POSI 1 ASSY	AWX9879
	2..	PRESTAGE ASSY	AWX9775		2..	POSI 2 ASSY	AWX9882
	2..	USB RECT ASSY	AWX9776		2..	POSI 3 ASSY	AWX9884
	2..	BIND R FRONT ASSY	AWX9778		2..	POWER AMP ASSY	AWX9890
	2..	BIND L BACK ASSY	AWX9779		2..	BIND L FRONT ASSY	AWX9891
	2..	BIND DISP FFC ASSY	AWX9780	NSP	2..	BIND R BACK ASSY	AWX9586
NSP	2..	FFC GUARD ASSY	AWX9777	NSP	1..	AUDIO COMPOSITE ASSY(VSX-53/1326-K)	AWR7102
NSP	2..	FFC GUARD 2 ASSY	AWX9892		2..	AUDIO ASSY	AWX9767
NSP	1..	COMPLEX ASSY(VSX-53/52)	AWM8248		2..	COMPOSITE ASSY	AWX9768
	2..	DISPLAY ASSY	AWX9782		2..	D-AUDIO BRIDGE ASSY	AWX9769
	2..	POWER SW ASSY	AWX9783		2..	D-DAC BRIDGE ASSY	AWX9770
	2..	ENCODER ASSY	AWX9784		2..	A-DAC BRIDGE ASSY	AWX9771
	2..	MIC HP ASSY	AWX9785		2..	MIC CONNECT ASSY	AWX9772
	2..	PRIMARY ASSY	AWX9786	NSP	1..	AUDIO COMPOSITE ASSY(VSX-52/1126-K/1121-K)	AWR7105
	2..	VOL ASSY	AWX9788		2..	AUDIO ASSY	AWX9830
	2..	CONNECT ASSY	AWX9878		2..	COMPOSITE ASSY	AWX9768
NSP	1..	COMPLEX ASSY(VSX-1326-K/1126-K/1121-K)	AWM8254		2..	D-AUDIO BRIDGE ASSY	AWX9769
	2..	DISPLAY ASSY	AWX9839		2..	D-DAC BRIDGE ASSY	AWX9770
	2..	POWER SW ASSY	AWX9900		2..	A-DAC BRIDGE ASSY	AWX9771
	2..	ENCODER ASSY	AWX9784		2..	MIC CONNECT ASSY	AWX9772
	2..	MIC HP ASSY	AWX9785		1..	DAC LOW ASSY	AWX9773
	2..	PRIMARY ASSY	AWX9786		1..	DIGITAL MAIN ASSY(VSX-53/1326-K)	AWX9825
	2..	VOL ASSY	AWX9788		1..	DIGITAL MAIN ASSY(VSX-52/1126-K/1121-K)	AWX9826
	2..	CONNECT ASSY	AWX9878		1..	COMPONENT ASSY	AWX9864
NSP	1..	AMP ASSY(VSX-53/1326-K)	AWM8270		1..	FRONT HDMI USB ASSY	AWX9897
	2..	POSI 1 ASSY	AWX9879		1..	FM/AM TUNER UNIT	AXX7282
	2..	POSI 2 ASSY	AWX9882				
	2..	POSI 3 ASSY	AWX9884				
	2..	POWER AMP ASSY	AWX9886				
	2..	BIND L FRONT ASSY	AWX9891				
NSP	2..	BIND R BACK ASSY	AWX9586				
NSP	1..	AMP ASSY(VSX-52)	AWM8274				
	2..	POSI 1 ASSY	AWX9879				
	2..	POSI 2 ASSY	AWX9882				
	2..	POSI 3 ASSY	AWX9884				
	2..	POWER AMP ASSY	AWX9889				
	2..	BIND L FRONT ASSY	AWX9891				
NSP	2..	BIND R BACK ASSY	AWX9586				

3.3 JIGS LIST

[1] Jigs list

A

Name	Jig No.	Remarks
19P FFC	GGD1678	Diagnosis for POWER AMP ASSY, AUDIO ASSY
20P + 14P board to board extension jig cable	GGD1759	Diagnosis for POWER AMP ASSY, AUDIO ASSY, DIGITAL MAIN ASSY
20P + 20P board to board extension jig cable	GGD1677	Diagnosis for DIGITAL MAIN ASSY
7P + 15P board to board extension jig cable	GGD1762	Diagnosis for DIGITAL MAIN ASSY
30P board to board extension jig cable x 2	GGD1682	Diagnosis for DIGITAL MAIN ASSY, DAC LOW ASSY
28P + 14P board to board extension jig cable	GGD1763	Diagnosis for DAC LOW ASSY

B

[2] Lubricants and Glues List

Name	Lubricants and Glues No.	Remarks
Silicone Grease	GEM1057	Refer to “9.2 EXTERIOR SECTION”

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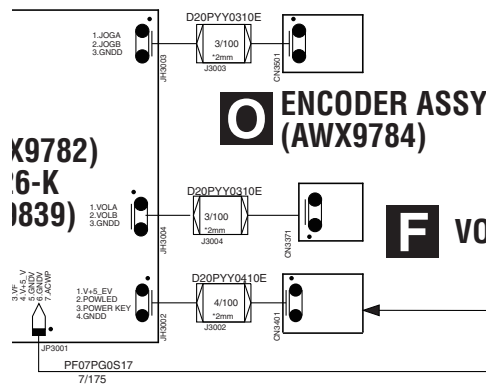
8

■

VSX-53

△





- 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.

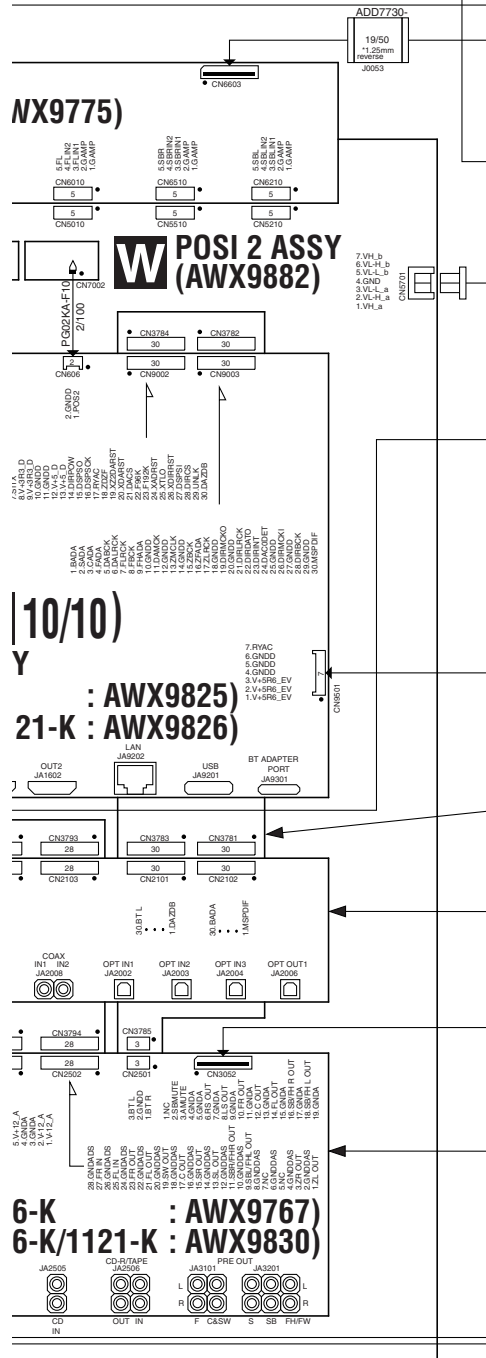
CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

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

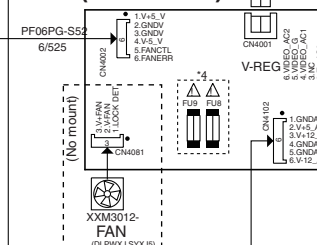
MODEL	MAIN TRANS	AC CORD
VSX-53 VSX-52 VSX-1121-K	UXJCB CUXJ	ATS7442- ATS7442- ADG7111-
VSX-1326-K VSX-1126-K VSX-LX55	SYXJ5 FXJ	ATS7443- ATS7445- ADG7076-
VSX-LX55 VSX-LX55 VSX-LX55	DLPWXJ AXJ5	ATS7445- ATS7445- ADG7105-
VSA-LX55	JXJ	ATS7444- XDG3032-

MODEL	MICROPHONE	REMO.COM	iPod CABLE	WIFI CABLE
VSX-53 VSX-1326-K VSX-1121-K VSX-1126-K	UXJCB CUXJ	APM7010- AXD7612- ADE7136-	ADE7136-	-
VSX-LX55 VSX-2021-K VSX-2021-K	SYXJ5 APM7010- TJXJ	AXD7613- AXD7613- ADE7136-	ADE7137-	-
VSX-LX55 VSX-LX55	JXJ APM7010-	AXD7614- ADE7136-	-	-

MODEL	FU1	FU4	FU6,FU7	FU8,FU9	FU10
VSX-53 VSX-1326-K VSX-1121-K VSX-1126-K	UXJCB CUXJ	REK1134- (10A/125V) REK1134- (10A/125V)	REK1134- (1.25A/125V) REK1134- (1.25A/125V)	REK1144- (1.6A/125V) REK1144- (1.6A/125V)	REK1144- (1.6A/125V) REK1144- (1.6A/125V)
VSA-LX55	JXJ	REK1134- (10A/125V) REK1134- (10A/125V)	REK1134- (1.25A/125V) REK1134- (1.25A/125V)	REK1144- (1.6A/125V) REK1144- (1.6A/125V)	REK1144- (1.6A/125V) REK1144- (1.6A/125V)
VSX-LX55 VSX-LX55 VSX-LX55	SYXJ5 DLPWXJ AXJ5	AEK1061- (10A/125V) AEK1061- (10A/125V)	AEK1061- (1.25A/125V) AEK1061- (1.25A/125V)	AEK1061- (1.6A/125V) AEK1061- (1.6A/125V)	AEK1061- (1.6A/125V) AEK1061- (1.6A/125V)



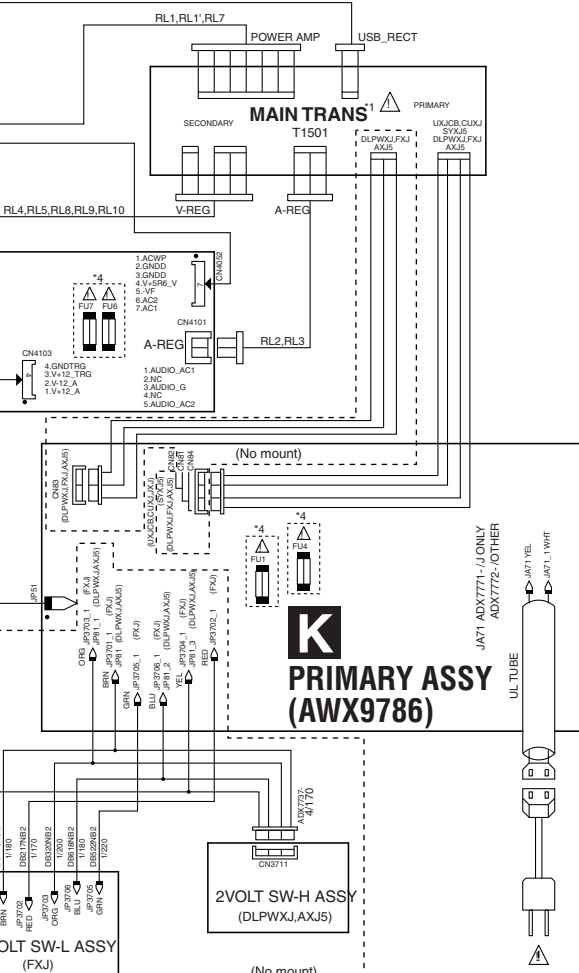
M REGULATOR ASSY (AWX9774)



T D-DAC BRIDGE ASSY (AWX9770)

C (C1/2-C2/2) DAC LOW ASSY (AWX9773)

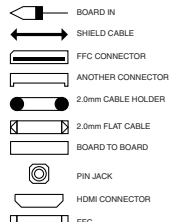
A (A1/3-A3/3)



AC FFC GUARD ASSY (AWX9777)

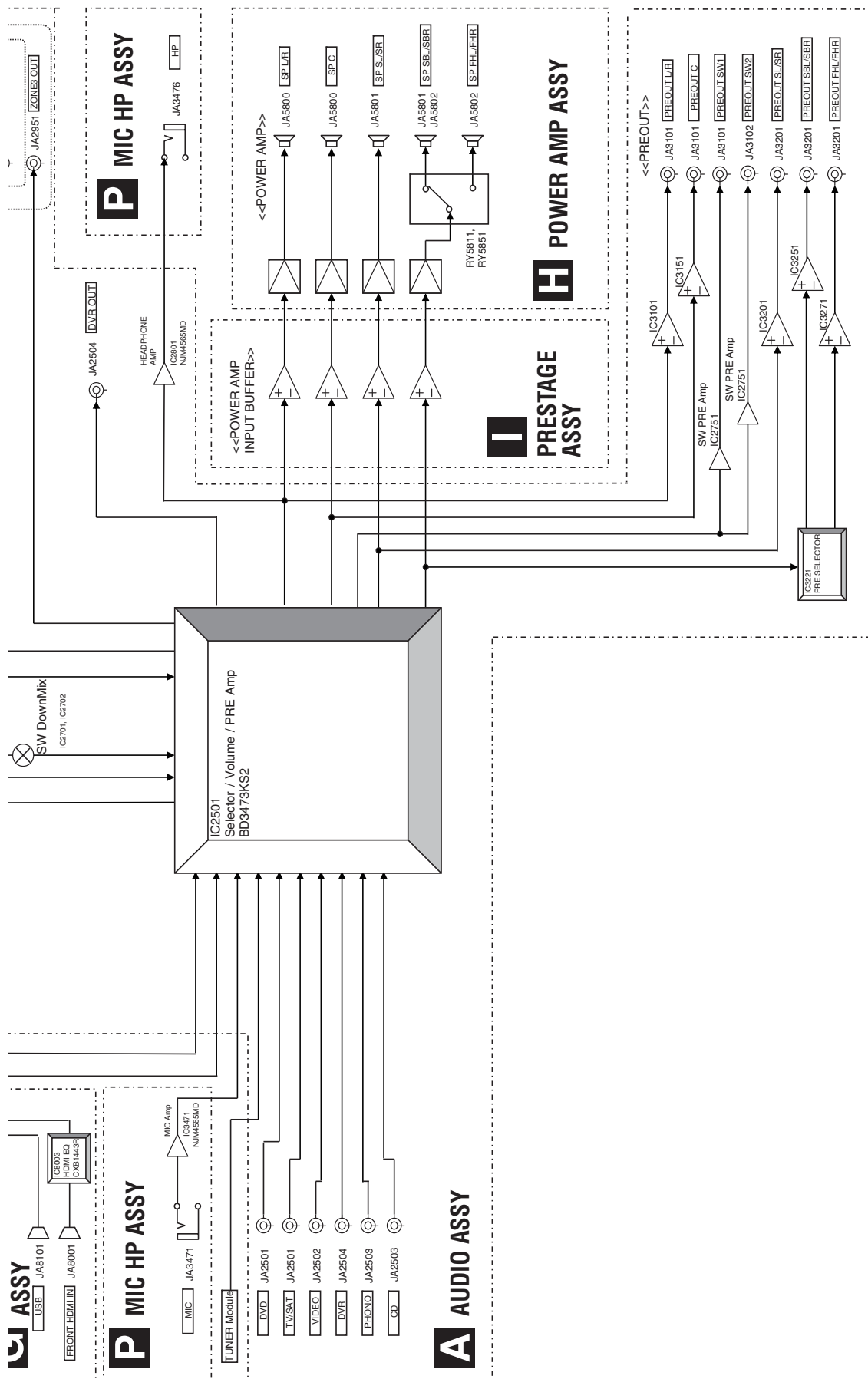
AD FFC GUARD 2 ASSY (AWX9892)

AE BIND R BACK ASSY (AWX9586)

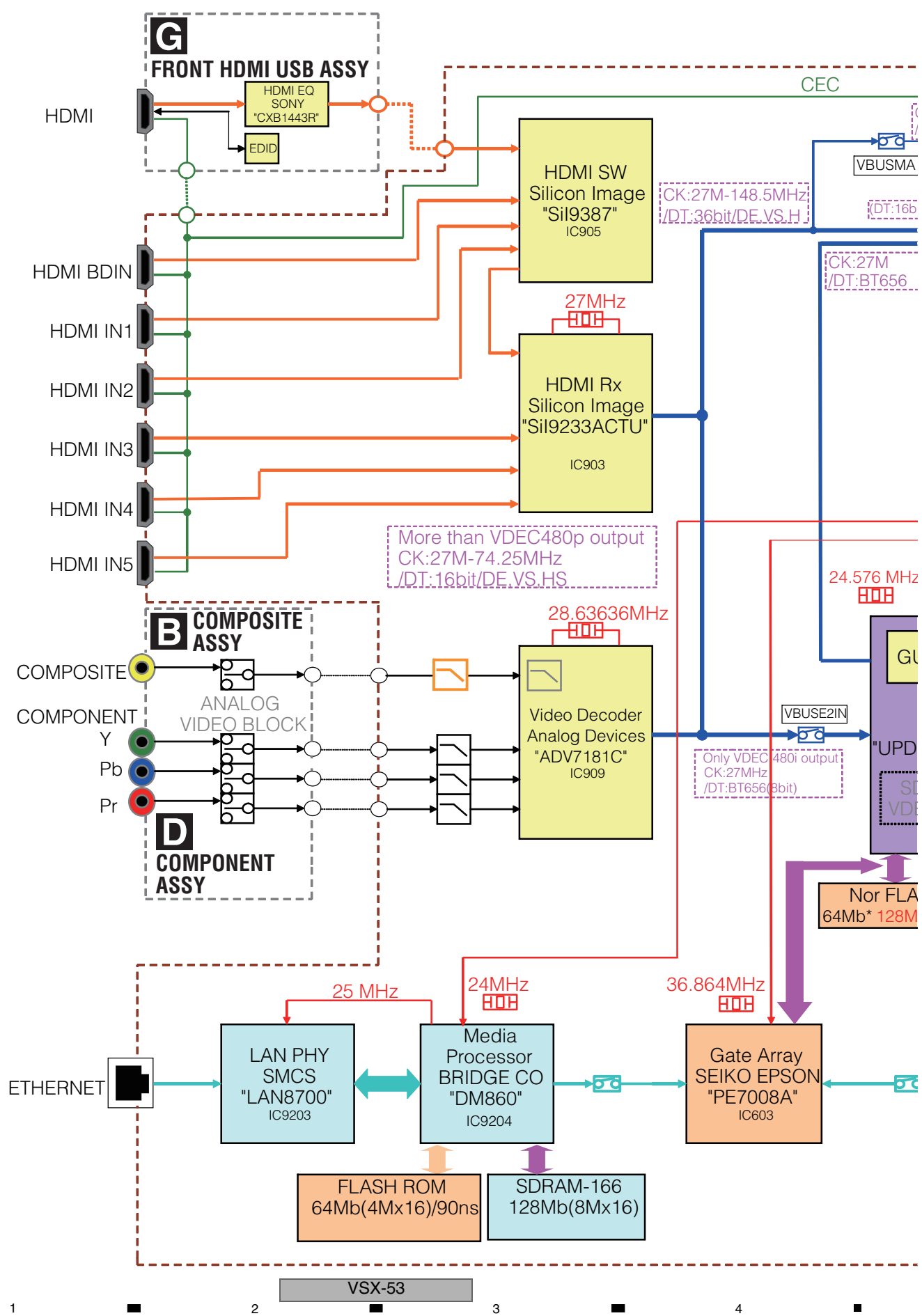


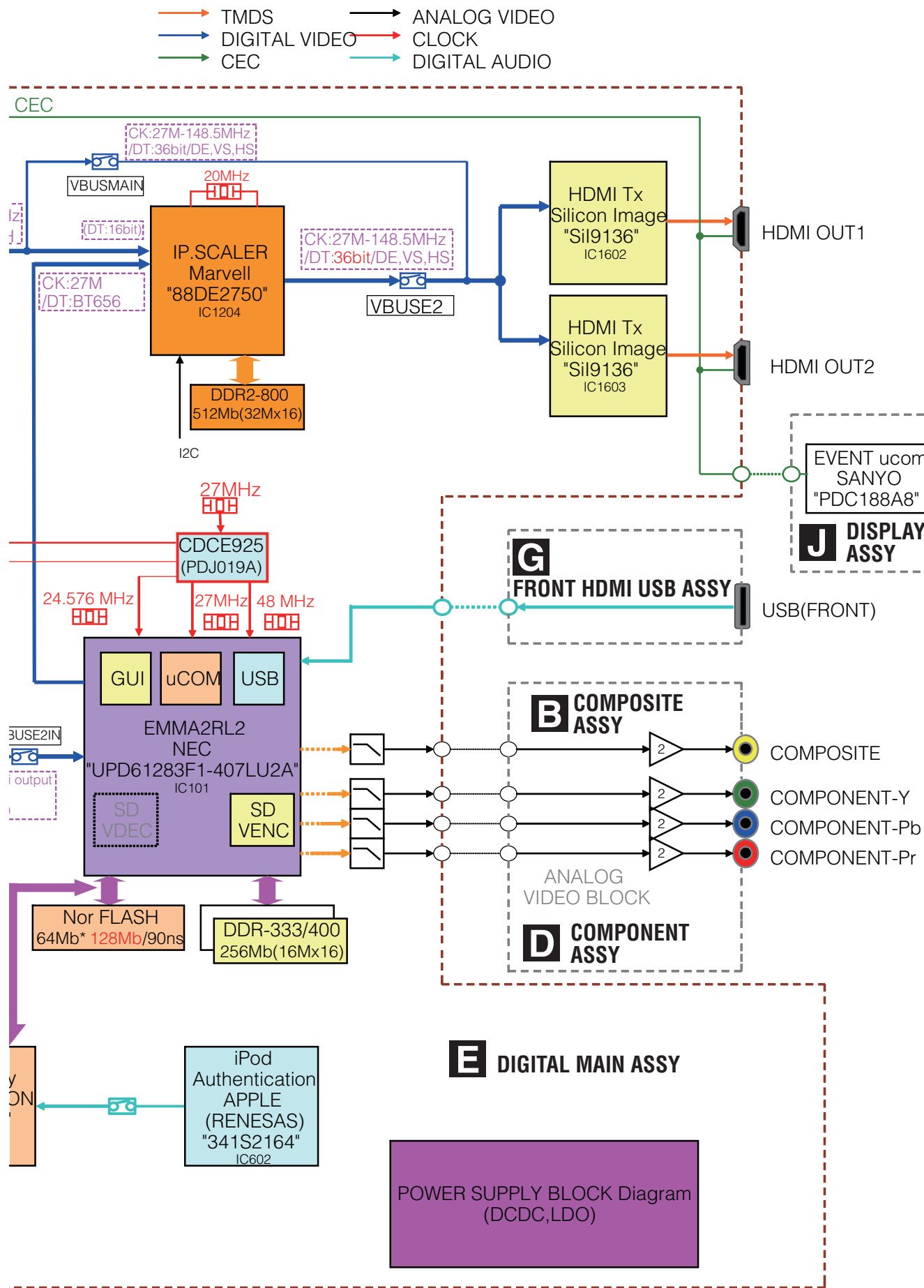
△



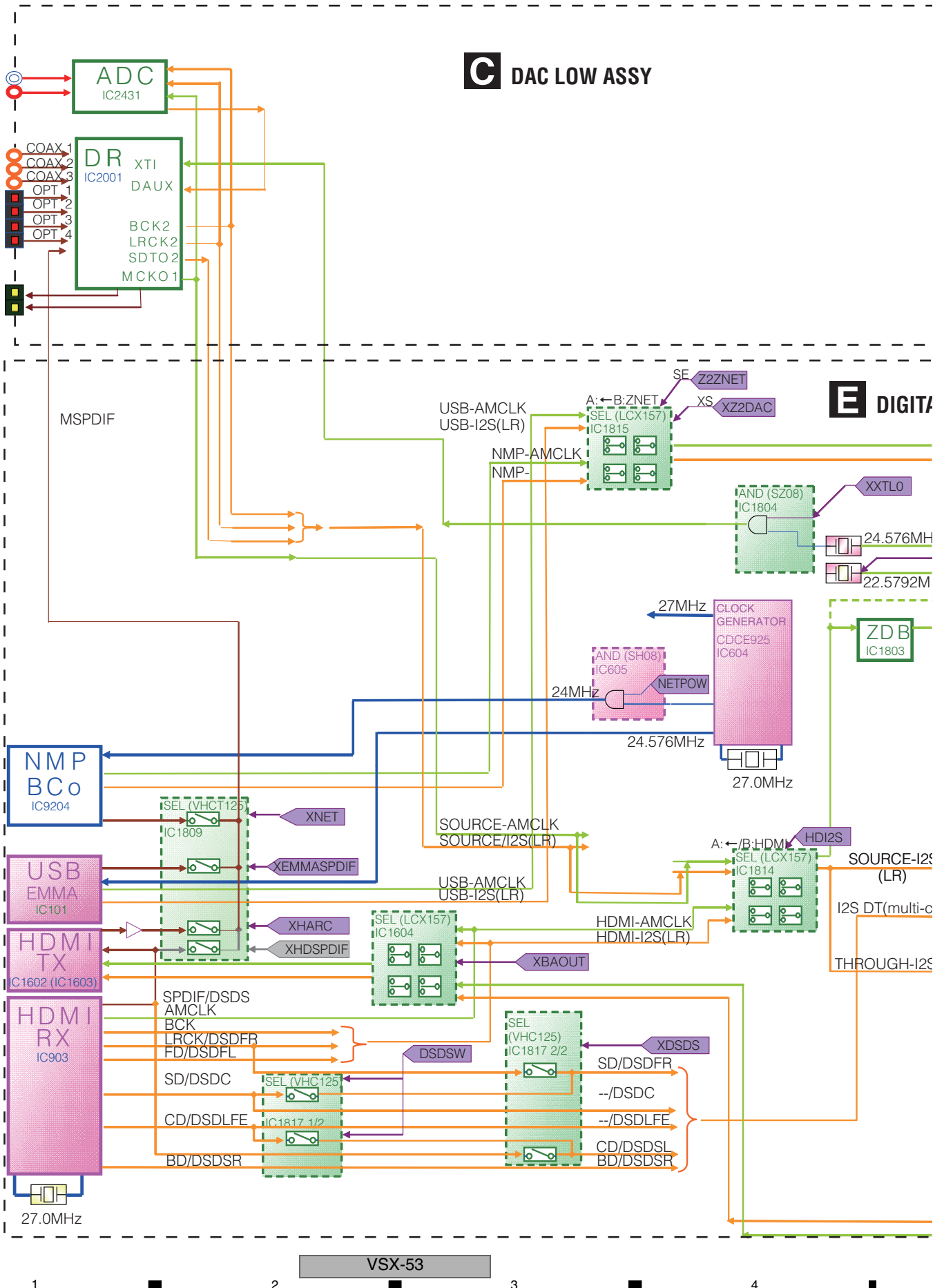


4.3 BLOCK DIAGRAM FOR DIGITAL MAIN VIDEO BLOCK

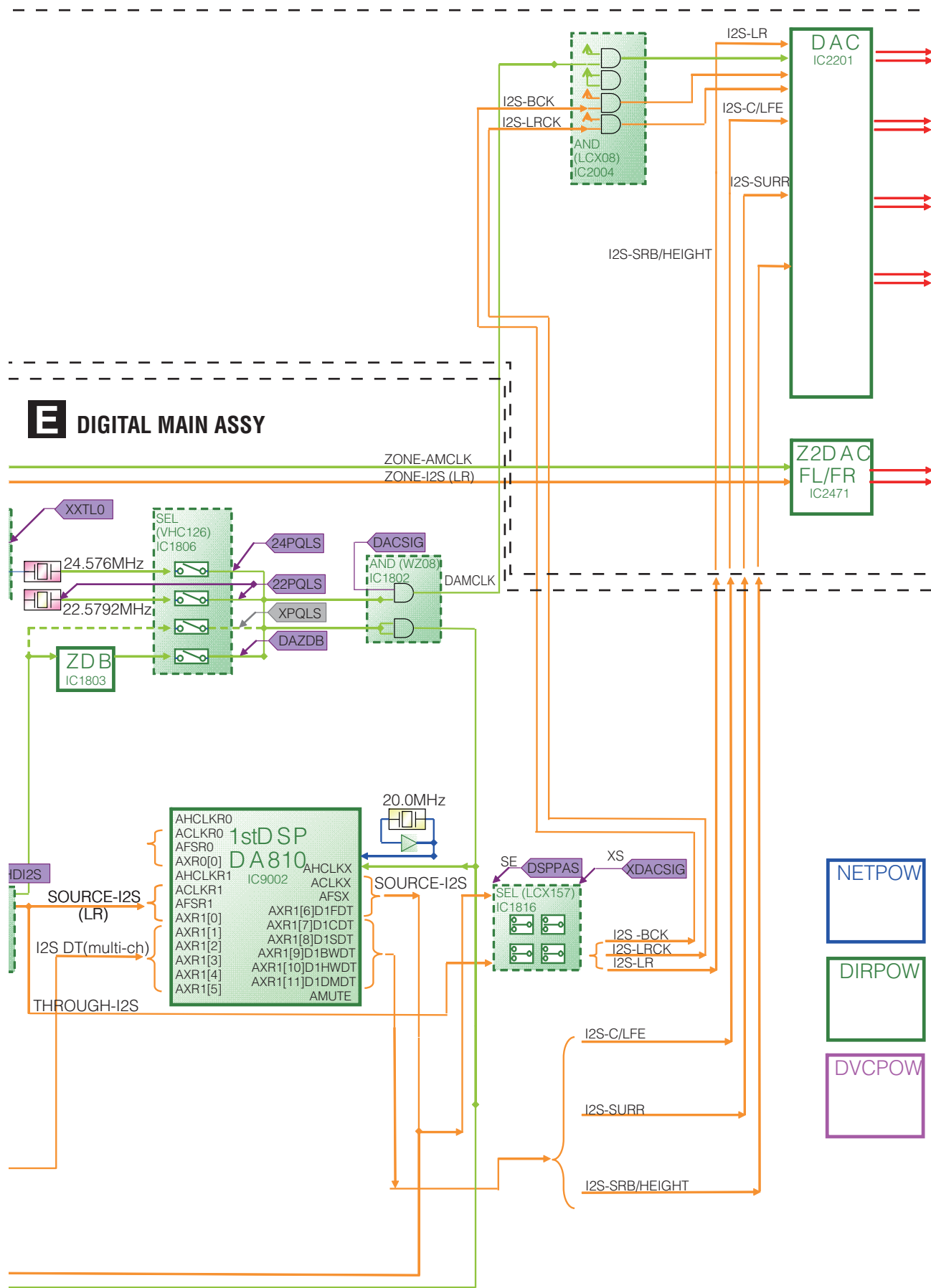




4.4 BLOCK DIAGRAM FOR DIGITAL MAIN AUDIO BLOCK

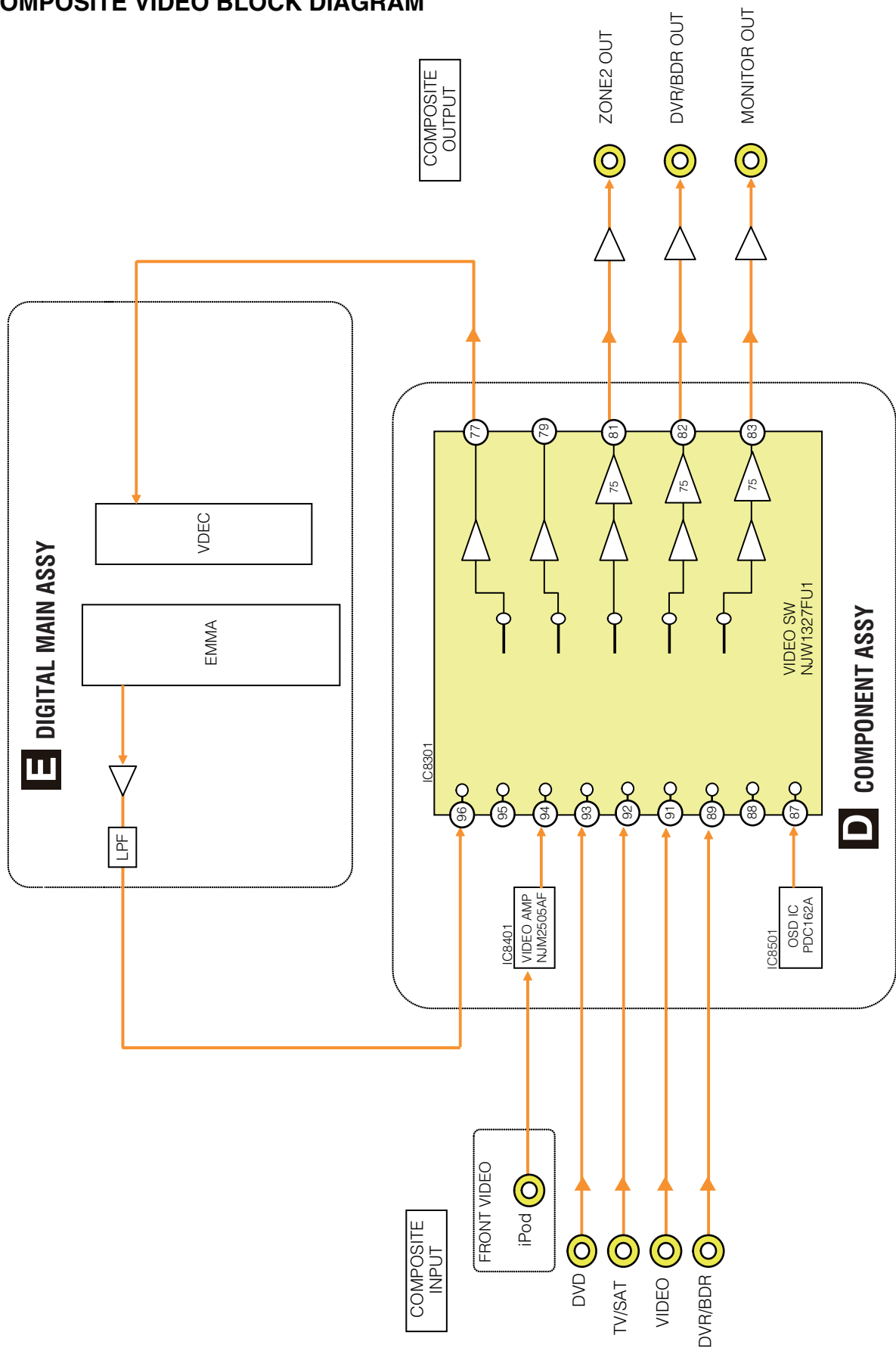


SPDIF → AMCLK → I2S → SYSCLK → FLG



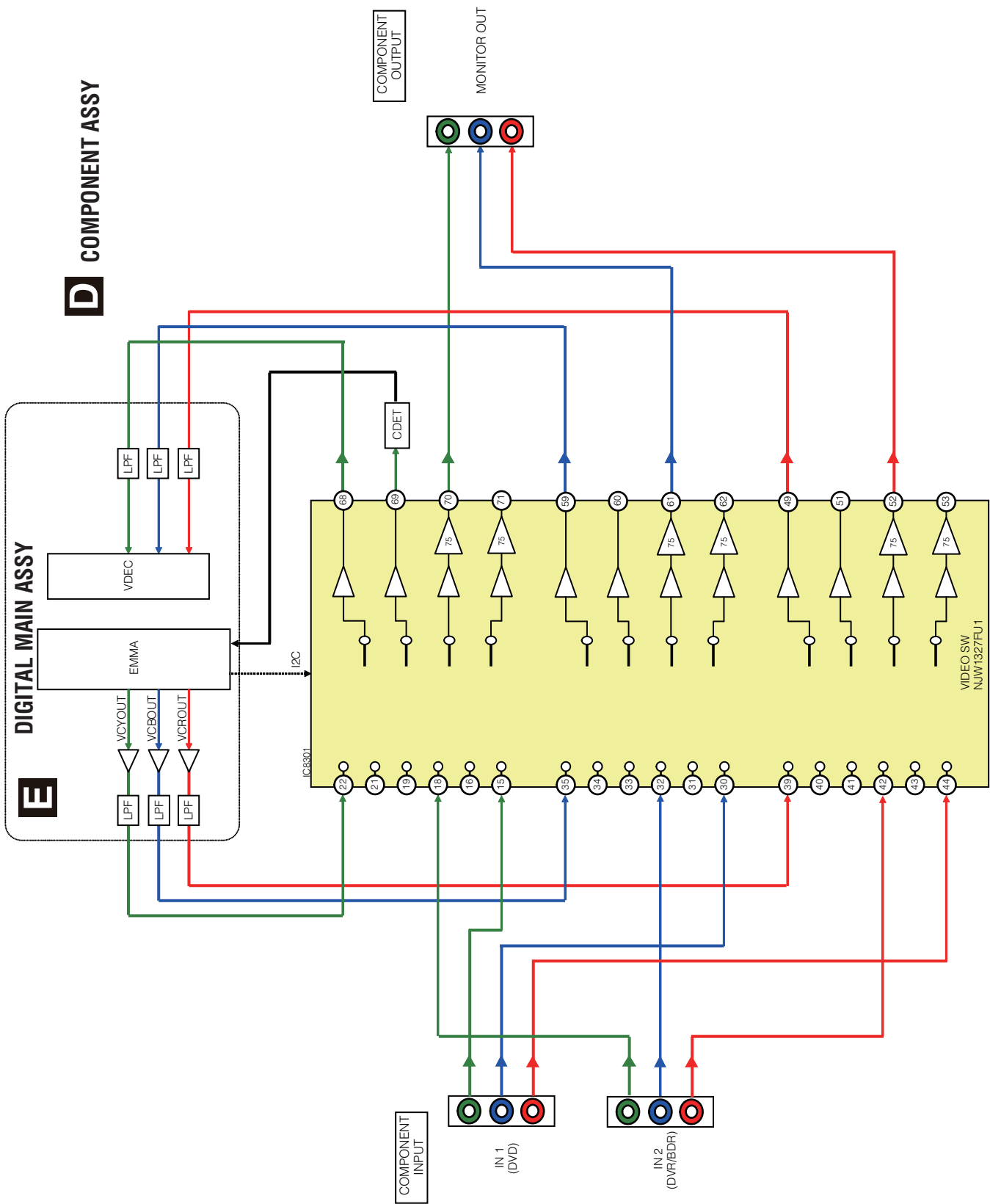
4.5 BLOCK DIAGRAM FOR COMPOSITE VIDEO BLOCK

COMPOSITE VIDEO BLOCK DIAGRAM



4.6 BLOCK DIAGRAM FOR COMPONENT VIDEO BLOCK

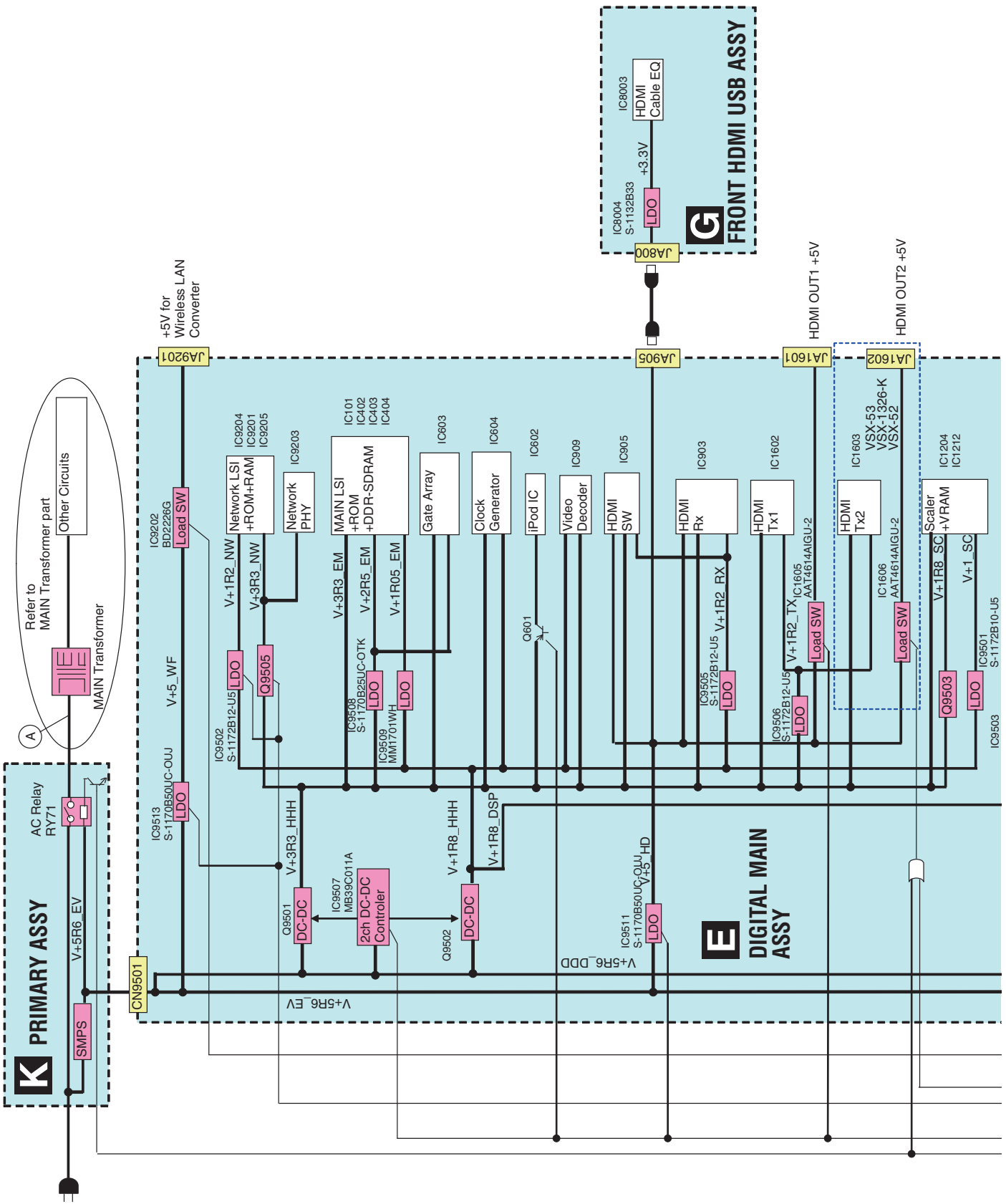
COMPONENT VIDEO BLOCK DIAGRAM

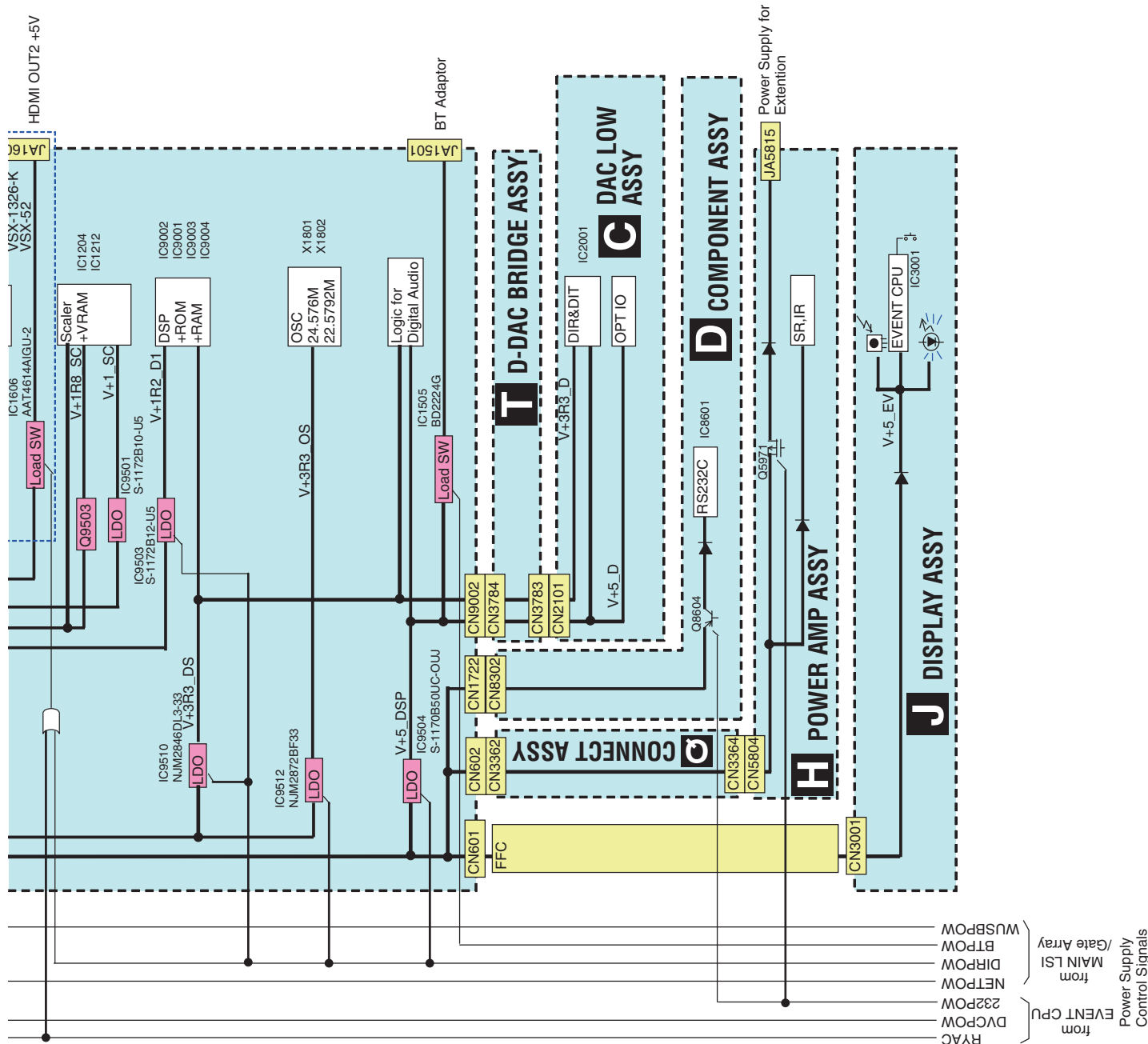


4.7 BLOCK DIAGRAM FOR POWER BLOCK(1)

A
B
C
D
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F

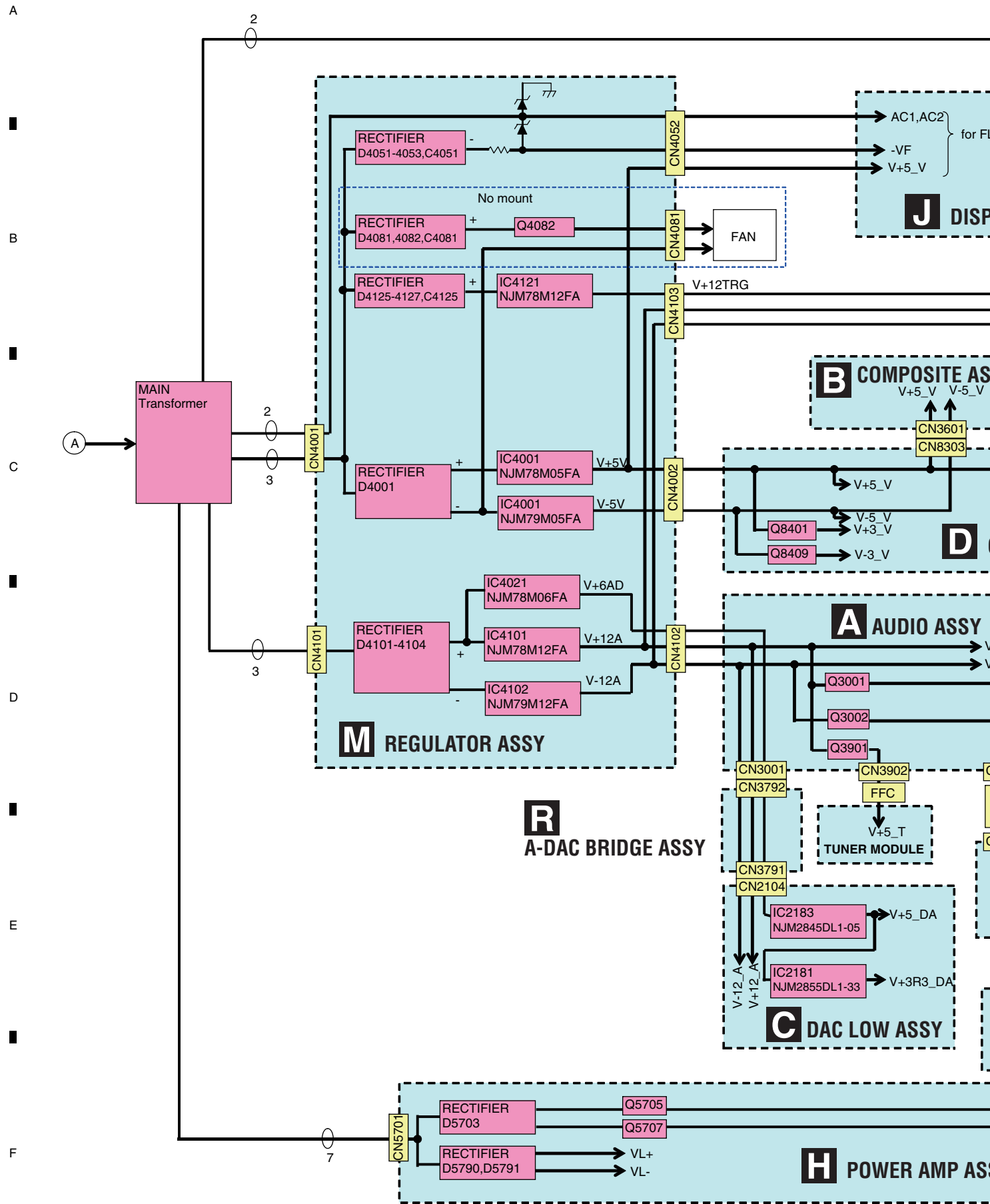
Power Supply Block Diagram (SMPS Part)

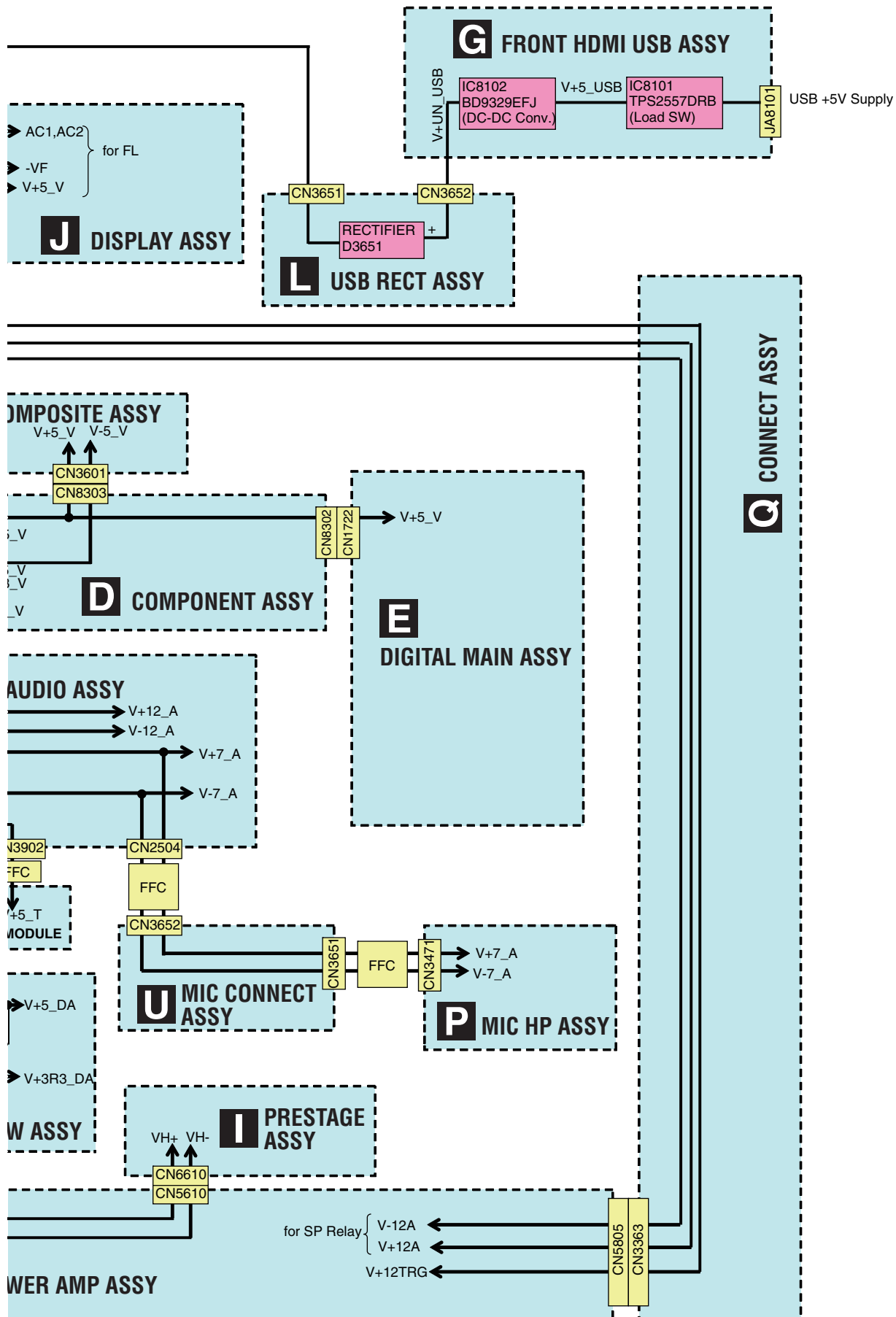




4.8 BLOCK DIAGRAM FOR POWER BLOCK(2)

Power Supply Block Diagram (MAIN Transformer Part)



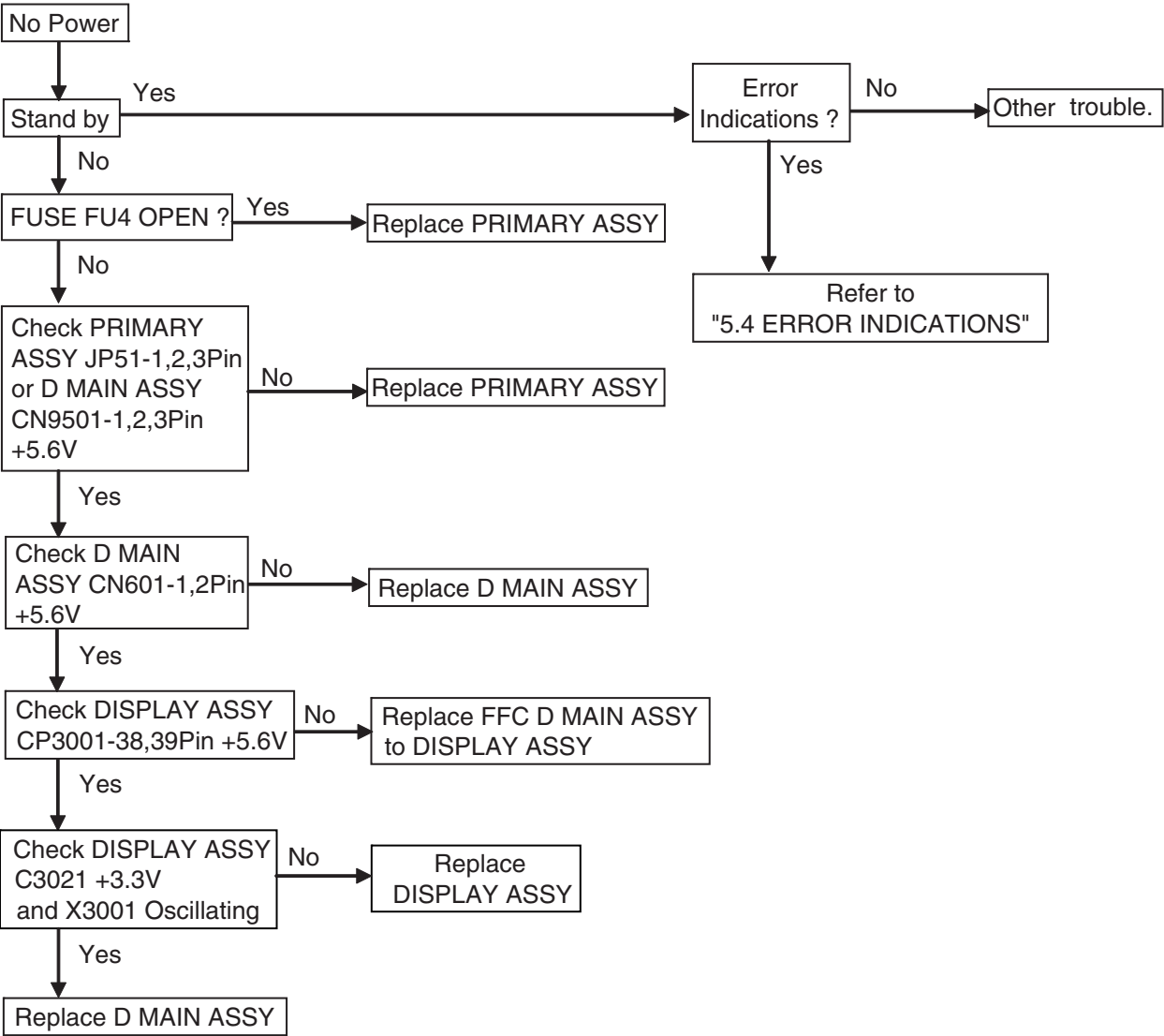


5. DIAGNOSIS

5.1 DIAGNOSIS FLOWCHART

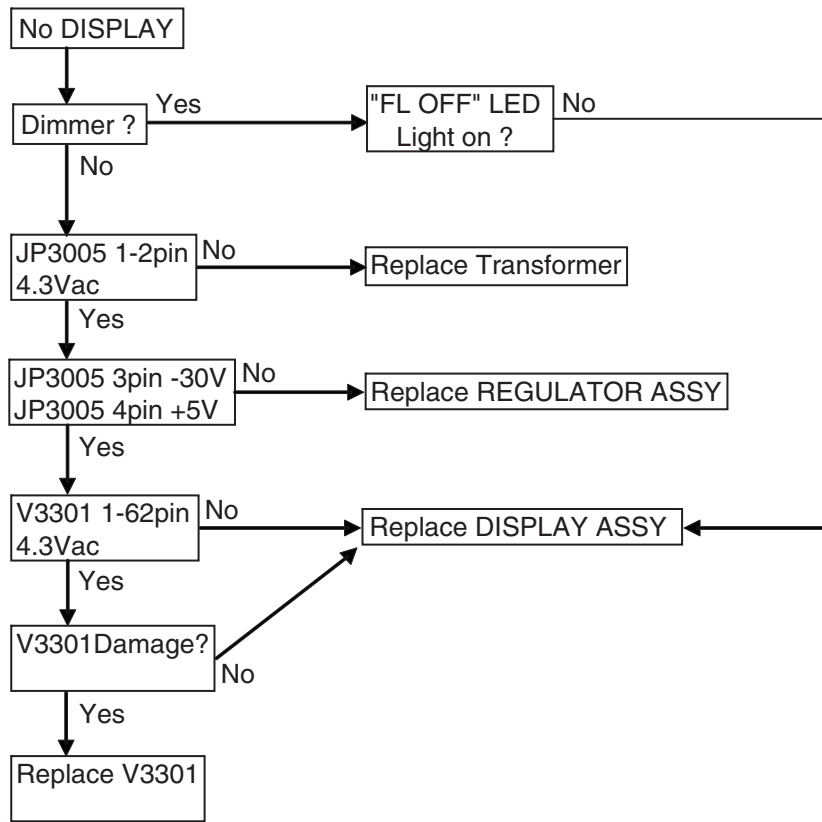
No Power

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



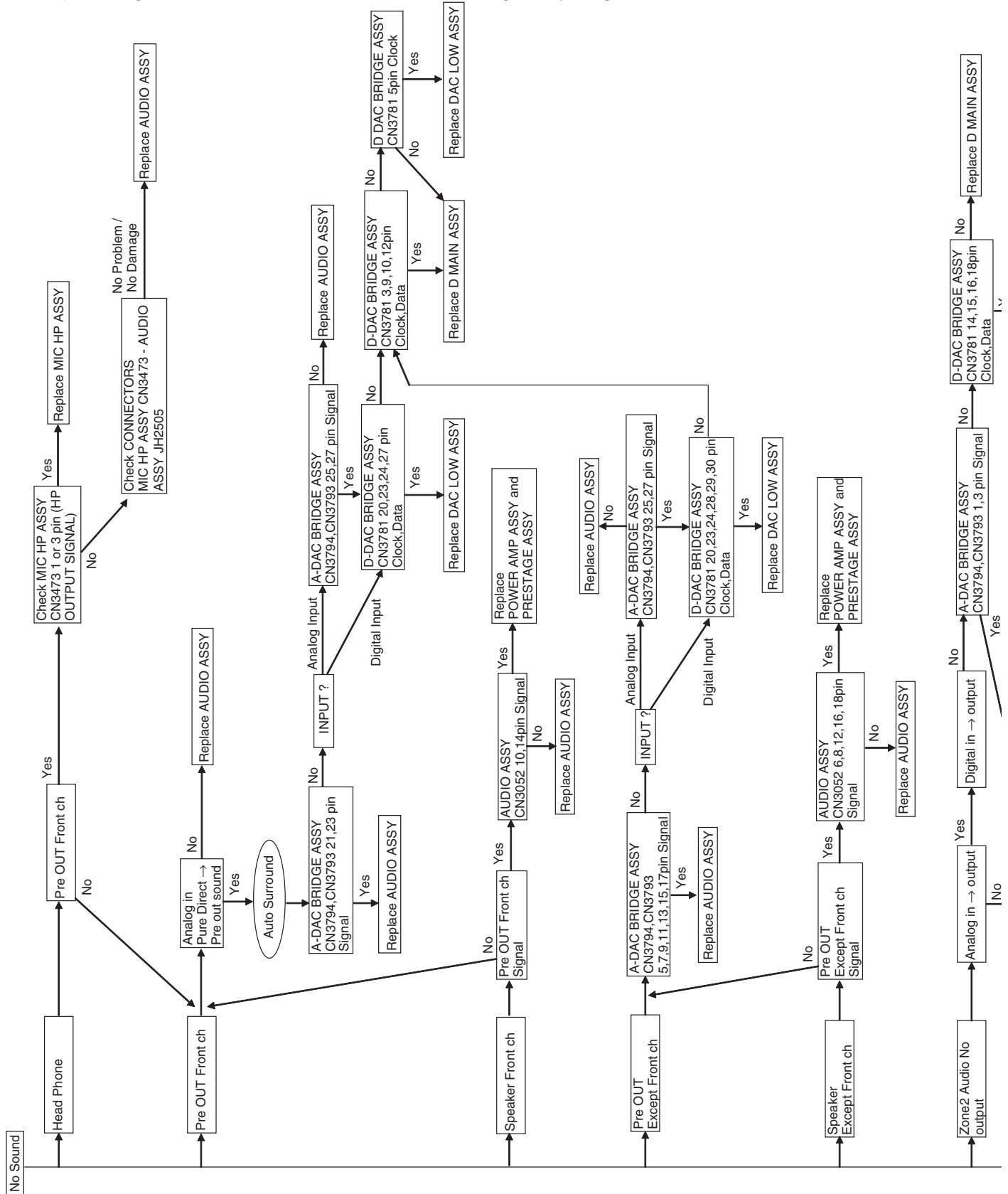
■ No DISPLAY

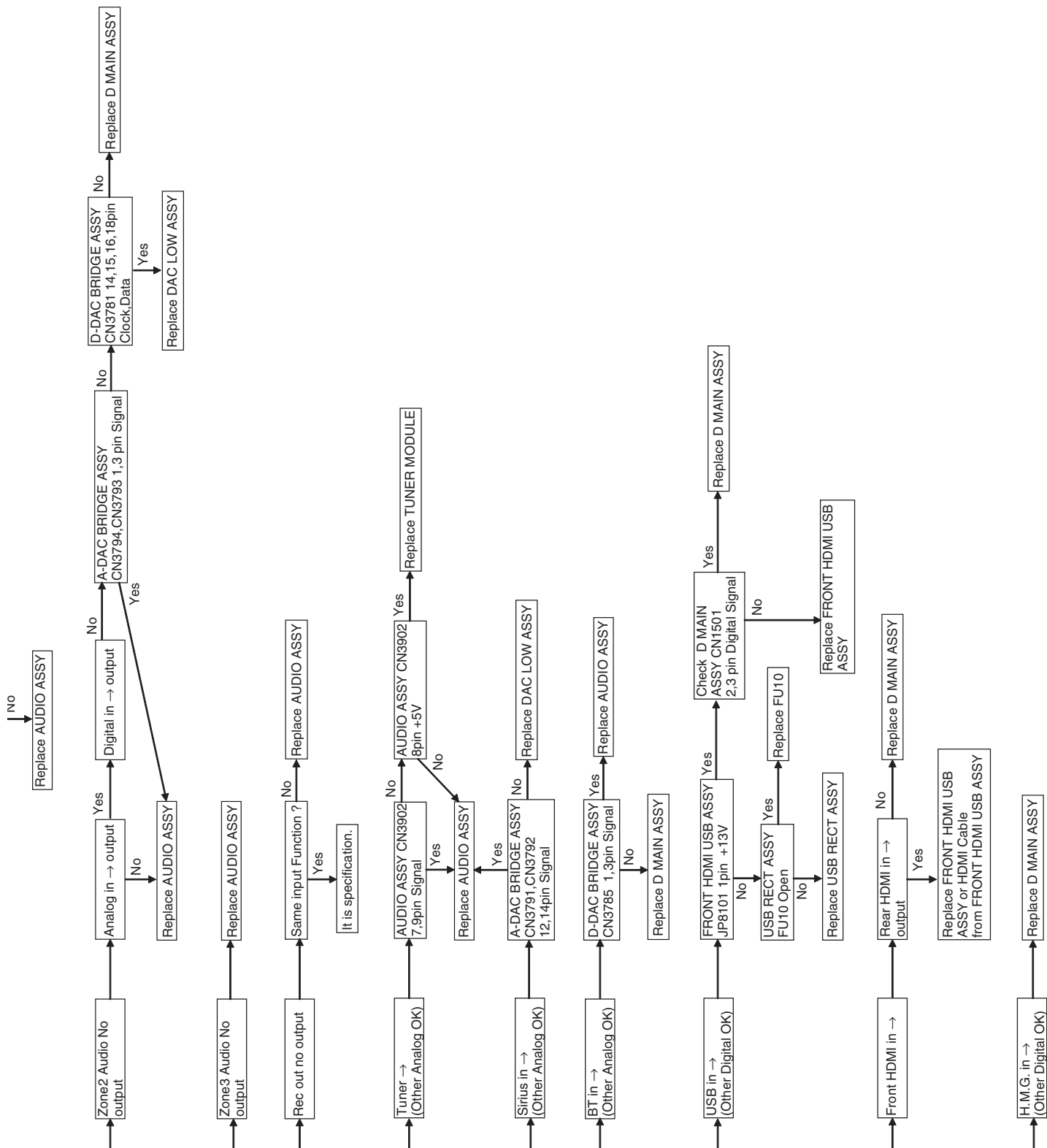
This is just for general reference and does not including every single case.



No Sound

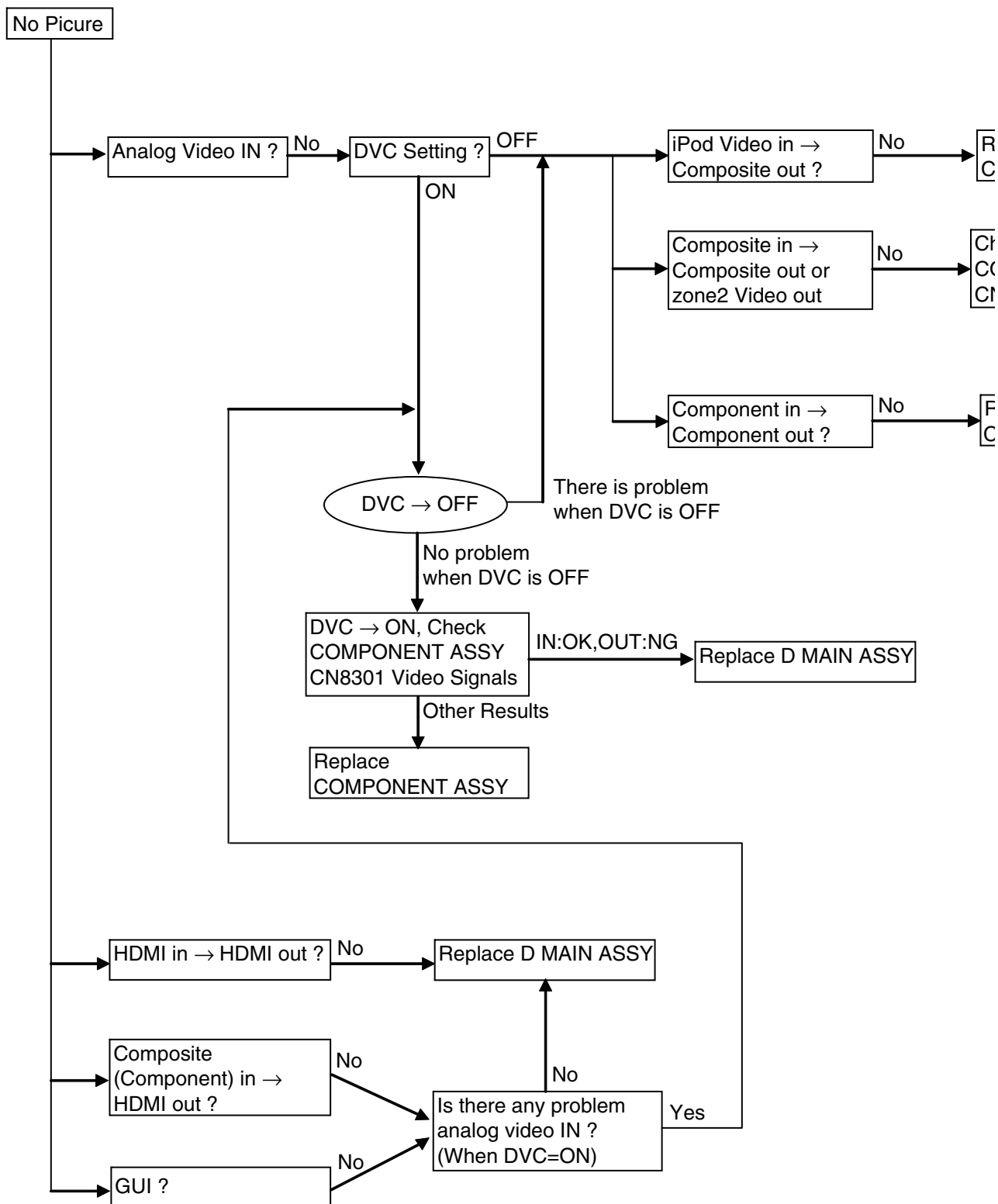
A This is just for general reference and does not including every single case.

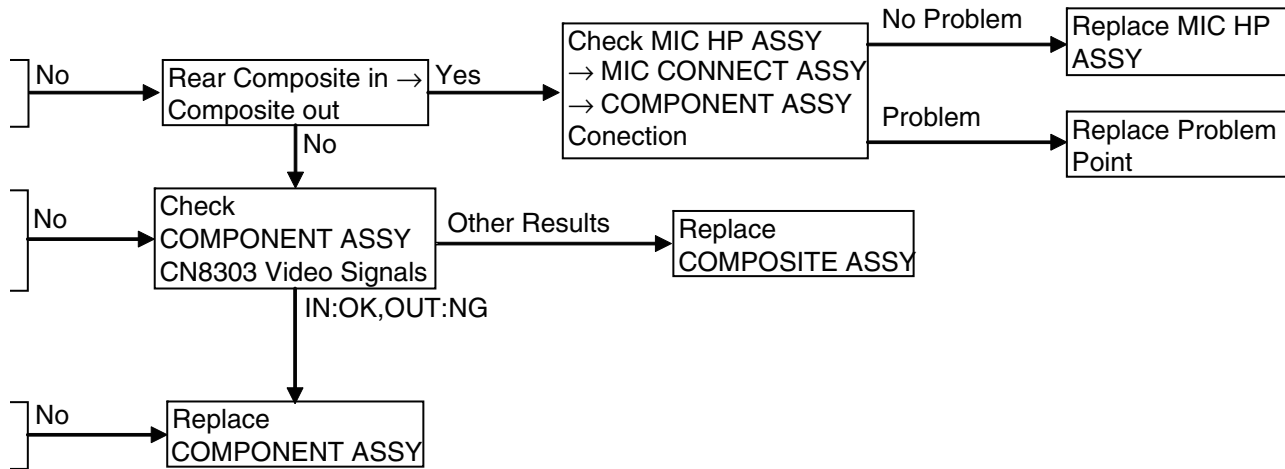




■ No Picture

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

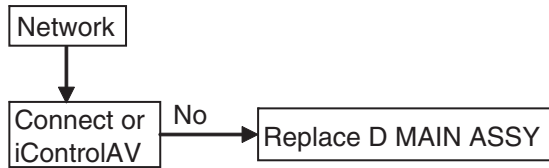




ASSY

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

Network



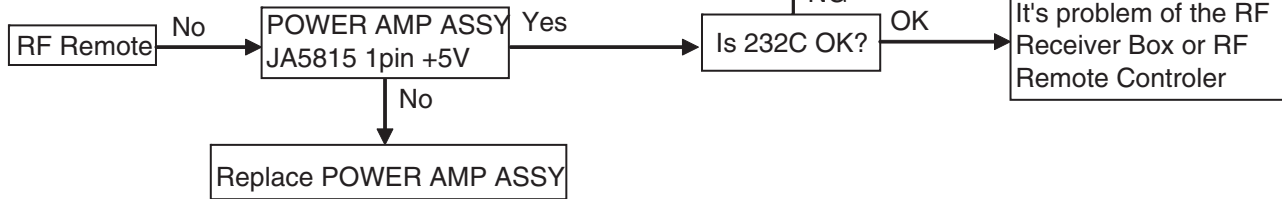
12V Trig



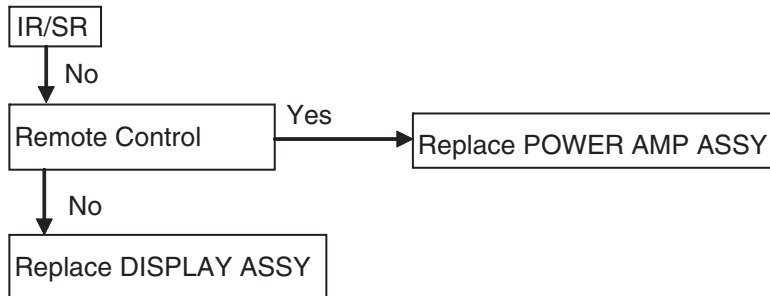
RS-232C



RF Remote



IR/SR



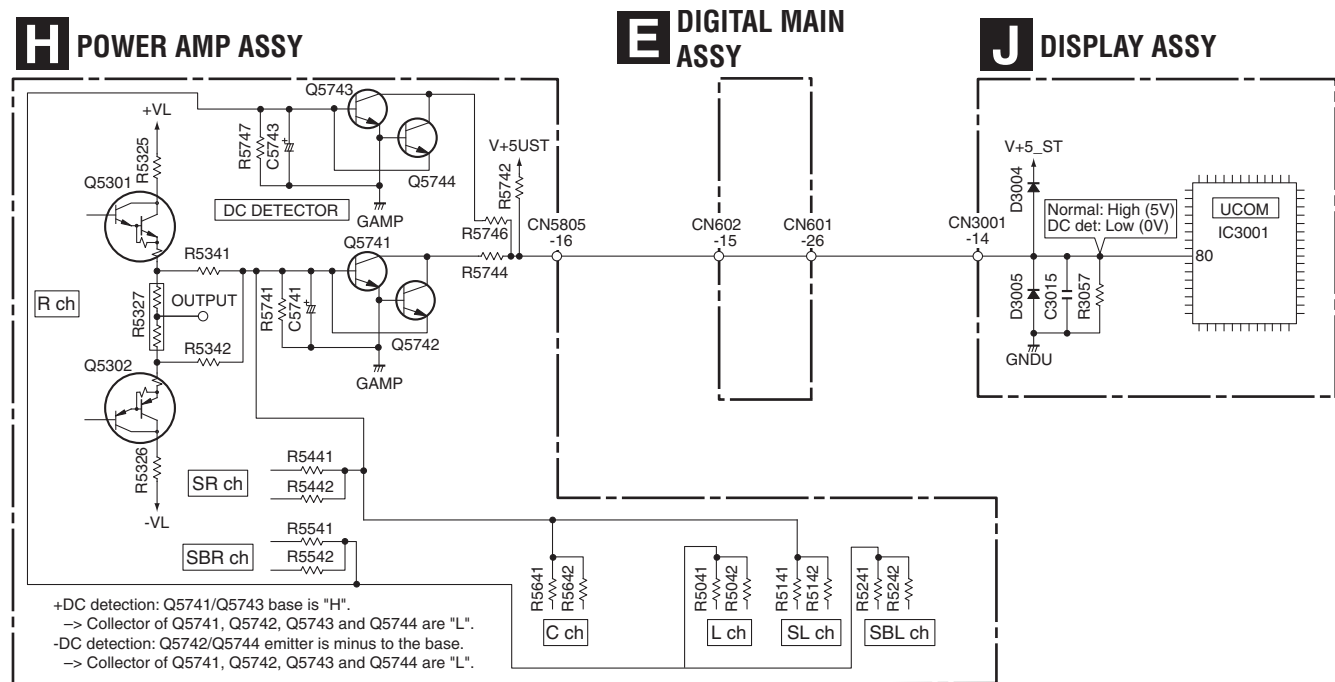
5.2 CIRCUIT DESCRIPTION

[1] Protection Circuit Process List

Item	Purpose	Detection Method	Process	Warning Indication	Remarks
DC detection	To detect amplifier damage (defect status) A process to protect speakers (for protection of connected external devices)	Detects when the XDCERR port becomes "L". (Pin 80 of IC3001)	Turns muting on and speaker relay off, then turns off the power after 3 seconds. Then flashes MCACC indicator.	Flashing "AMP ERR" for 3 seconds.	Once detected and turned the power off, the power cannot be turned on again (*). If the XDCERR port becomes "L" within 3 seconds, the unit returns to normal condition automatically.
AMP overload	To detect overloading (abnormal status) With low-load driving or a short circuit of the speaker terminals (for protection of the amplifier)	Detects when the XOLERR port becomes "L" (checks by interrupt). (Pin 71 of IC3001)	Turns muting on and speaker relay off, and immediately turns off the power. Then flashes iPod/iPhone indicator.	None	

(*) To restore the previous status, follow the procedure described in "How to Enter Release Mode" (P.40) then turn the unit back on.

DC Detection Circuit



A



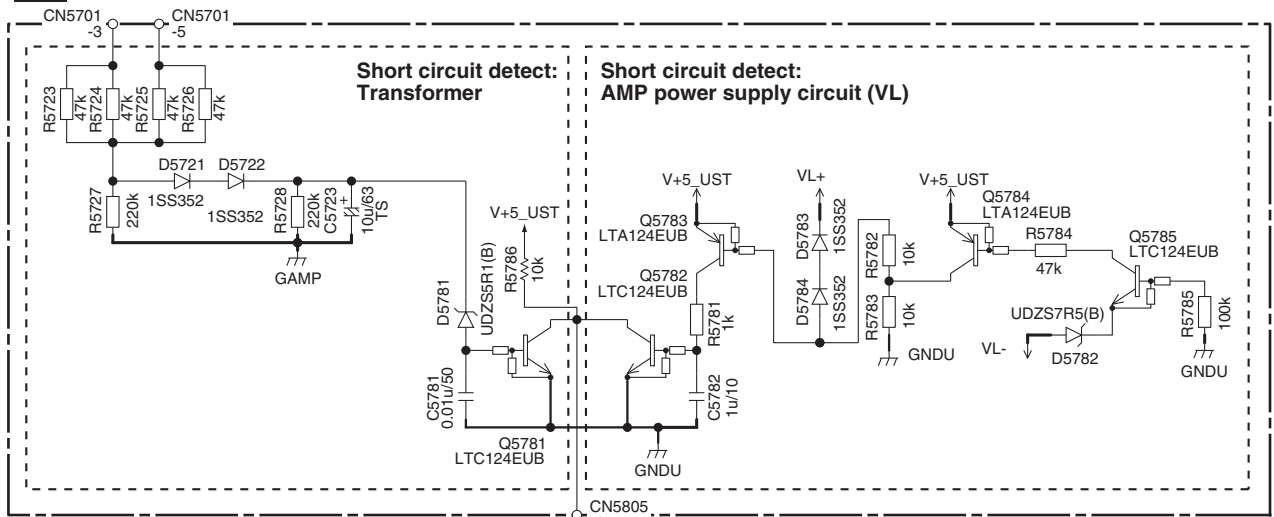
[2] Protection Circuit Process List (XPROTECT)

Item	Purpose	Detection Method	Process	Warning Indication	Remarks
XPROTECT	AMP power supply circuit and Transformer short circuit detect. (defect status) Observe CN5701 pin3 or pin5 voltage, VL+ and VL-.	Detects when the XPROTECT port becomes "L". (Pin 83 of IC3001)	Turns muting on and speaker relay off, and immediately turns off the power. Then flashes MCACC indicator.	None	Once detected and turned the power off, the power cannot be turned on again. (*)

(*) To restore the previous status, follow the procedure described in "How to Enter Release Mode" (P.40) then turn the unit back on.

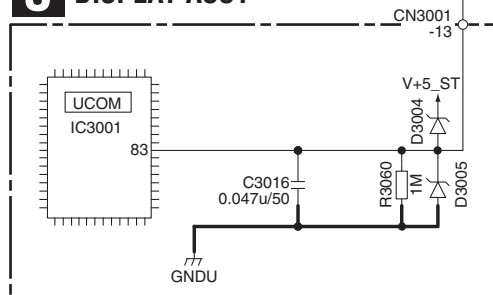
XPROTECT Circuit

POWER AMP ASSY



DIGITAL MAIN ASSY

DISPLAY ASSY

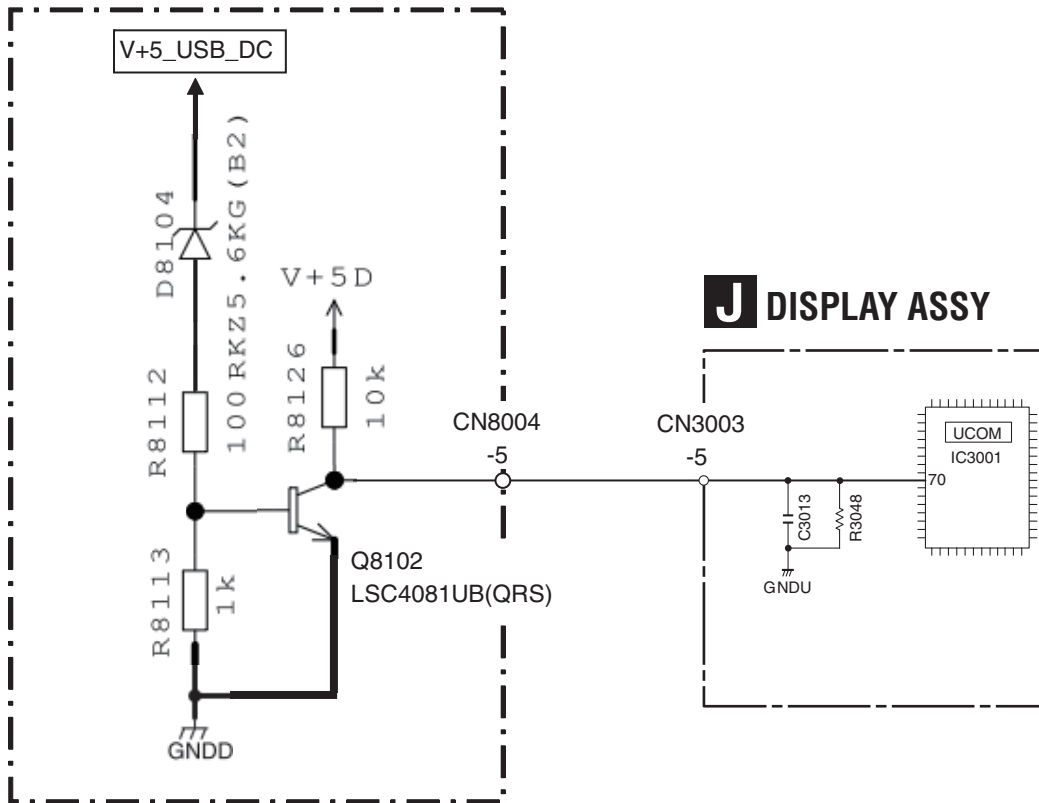


[3] Protection Circuit Process List (XVDDERR)

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

XVDDERR Circuit

G FRONT HDMI USB ASSY



[4] Error Indications When an Abnormality in The Amplifier System Is Detected

[Purpose]

Errors upon detection of abnormalities in the amp system are indicated.

[Error Indications]

	FL Display	LED flashes	Status	Timing (sec.)	Description	Remarks
(1)	AMP ERR	ADVANCED MCACC LED	When the AMP DC is detected.	FL flashes 3 times. LED flashes after the power off.	When the unit recovers the normal state within 3 seconds, FL stops flashing and all zone off, and then the unit restarts automatically. When the DC detect continues for more than 3 seconds, after a failure in the amplifier block or high DC output is detected, the shutdown process starts, then the power will be shut off. Then the ADVANCED MCACC LED will flash. The power cannot be turned on again. If you wish to turn on the unit after a shutdown activated by DC detection, enter DC detection cancellation mode, by proceeding with the steps described in "How to enter release mode" next page.	
(2)	NA	iPod iPhone iPad LED	"AMP overload" detection.	LED flashes after the power off.	Upon detection of overcurrent at the amp output stage, the unit power off immediately, and the iPod iPhone iPad LED starts flashing. The previous stage will be restored when the unit is turned back on.	
(3)	NA	ADVANCED MCACC LED	When an abnormality is detected in the output voltage of the power supply circuit.	LED flashes after the power off.	If abnormality voltage is detected in the power supply VL circuit, the unit power off immediately, and the ADVANCED MCACC LED starts flashing. The power cannot be turned on again. If you wish to turn on the unit after the shutdown activated by XPROTECT, enter DC detection cancellation mode by proceeding with the steps described in "How to enter release mode" next page.	Abnormality detection in the power supply VL circuit.
(4)	NA	iPod iPhone iPad LED	When an abnormality is detected in the output voltage of the Digital power supply circuit.	LED flashes after the power off.	If abnormality voltage is detected in the Digital power supply circuit, the unit power off immediately, and the iPod iPhone iPad LED starts flashing. To restore the previous status, turn the unit back on.	
(5)	AMP OVERHEAT	FL OFF LED	When an abnormality of temperature is detected at the Amp output stage.	FL flashes 3 seconds. LED flashes after the power off.	When the unit recovers the normal state within 3 seconds, FL stops flashing. When the overheat state continues for more than 3 seconds, the power is shut off and FL OFF starts flashing. To restore the previous status 1 minute or more after a shutdown, just turn the unit back on.	Overheat detection over 120 °C
(6)	Over Current	NA	When the overload USB device (over 500 mA) is connected.		The connected USB device is overload.	
(7)	HDCP ERROR	NA	When an HDCP ERROR is detected.	Flashes 5 seconds		Warning indication for HDMI Simplay

	FL Display	LED flashes	Status	Timing (sec.)	Description	Remarks
(8)	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.	
(9)	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
(10)	NO ADAPTER	NA	When BT Adapter is not connected.	Lights	While the ADAPTER PORT function is selected, the BT Adapter is not connected.	
(11)	NOT AVAILABLE	NA	Non-BT Adapter is connected.	Lights	While the ADAPTER PORT function is selected, the non-BT Adapter is connected.	
(12)	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.	
(13)	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.	
(14)	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.	

[How to Enter Release Mode]

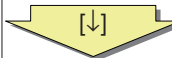
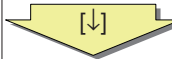
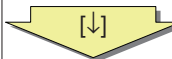
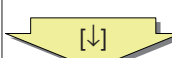
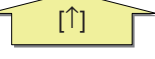
During Standby mode, simultaneously press and hold the "TUNE [↵]" and "MULTI-ZONE ON/OFF" keys for 5 seconds.

[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.
Turning off the power or pressing the Return key returns to the normal mode.

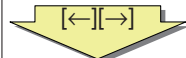
[Basic operations]

Key operation	FL display
Display number of times DC is detected.	DC : ***
 	
Display number of times OVERLOAD is detected.	OL : ***
 	
Display number of times COMBINATION is detected. (Detects DC and OVERLOAD simultaneously)	COM : ***
 	
Display number of times Power abnormality is detected.	XPRT : ***
 	
Display number of times FAN STOP is detected.	FAN : ***
 	
Display number of times AMP overheat is detected.	STMP : ***
 	
Display number of times Digital Power abnormality is detected.	DERR : ***
 	
Resetting the number of times error is detected.	RESET ◀HOLD▶
 	

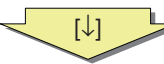
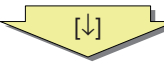
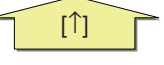
Front Panel Key
[↓] : TUNE key
[↑] : TUNE key
[←] : PRESET key
[→] : PRESET key

This function does not work on this model.

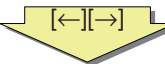
Resetting the number of times error is detected

Key operation	FL display
 	RESET ◀CLEAR?▶
	RESET ◀RESET▶
Continued	

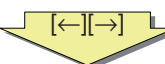
A

Key operation	FL display
Display accumulated time & RESET.	1 2 3 4 5 h 2 0 m ◀ HLD ▶
 	
Display CEC(TEST) state.	CEC ◀ OFF ▶
 	
Display FAN(TEST) state.	FAN ◀ OFF ▶
This function does not work on this model.	
 	
USB Backup state	USB BAK ◀ HOLD ▶
 	
Display Model Name/Destination state.	V S X - 5 3 / U X J C B
 	
Change cyclically	

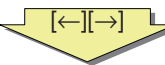
Resetting the accumulated time

Key operation	FL display
 	1 2 3 4 5 h 2 0 m ◀ CL ? ▶
	0 h 0 m ◀ RST ▶
Continued	

Display CEC(TEST) state.

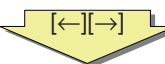
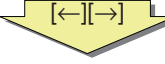
Key operation	FL display
 	CEC ◀ ON ▶
Change cyclically	

C

Key operation	FL display
 	FAN ◀ ON ▶
Change cyclically	

D

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	

E

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

[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

7.1 DISASSEMBLY

Preparations Before Performing Diagnosis of the POWER AMP ASSY

Before performing diagnosis of the POWER AMP ASSY, it is necessary to discharge C5721 and C5722 on the board.
(See the photo below.)

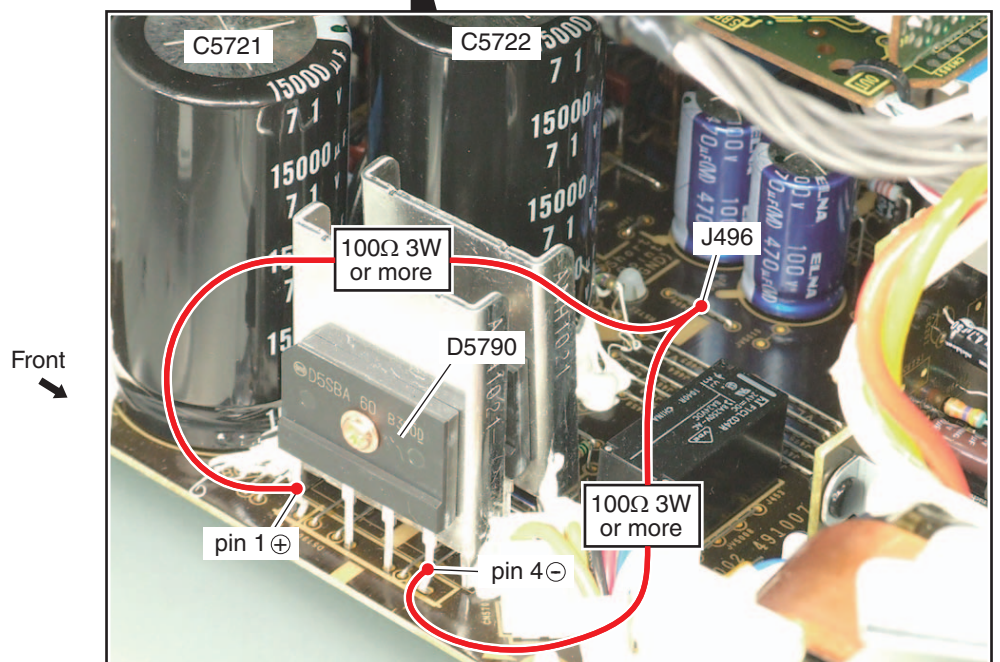
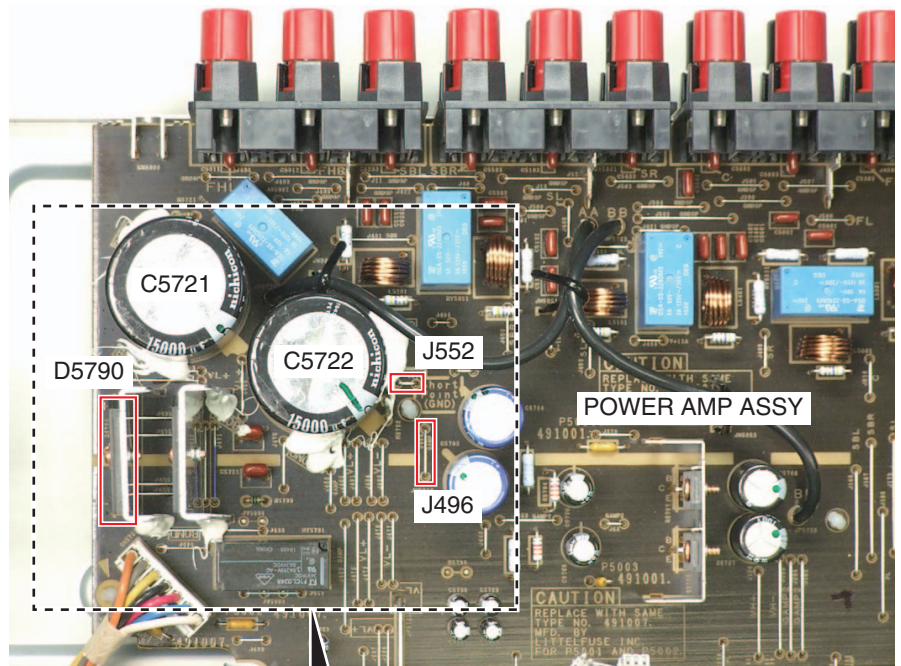
If you don't, the protectors (P5001 and P5002) on the board may be open, and DC voltage may be generated at the power amplifier output, which will result in "AMP ERR."

[Procedures]

- (1) Unplug the power cord.
- (2) Discharge C5721 and C5722 by connecting either J496 or J552 to pin 1 and 4 of D5790.

Note: For discharging, use a load of $100\ \Omega$, 3 W or more, to protect the IC protectors. Do NOT discharge instantly by short-circuiting.

- (3) Check that the voltage between the electrodes of each C5721 and C5722 is 1 V or less.



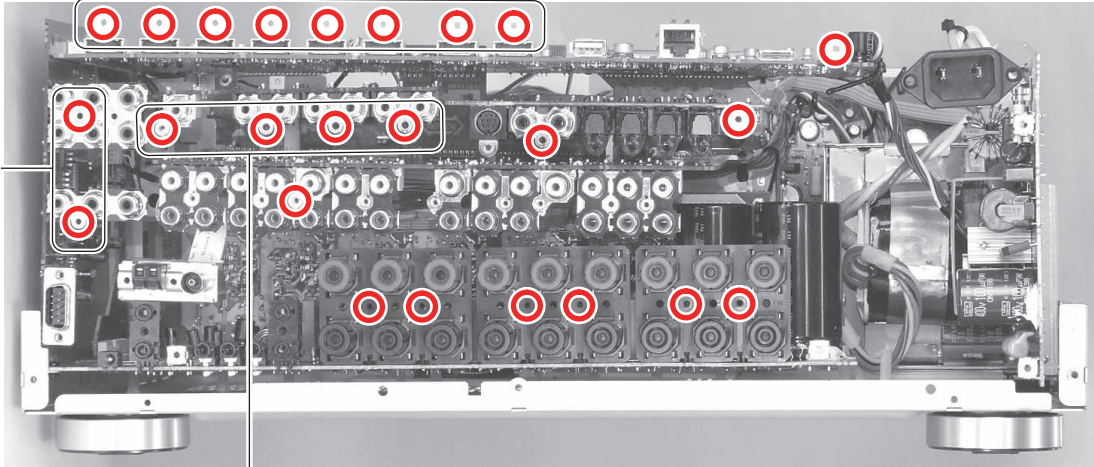
Ground Points

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 Under Base 55. Or, you may short-circuit the ground points on the solder surface, using pieces of wire.

Ground any one of these points.



Ground any one of these points.

Screws for Rear Panel

A BBZ30P080FTB



B BMZ30P040FTB



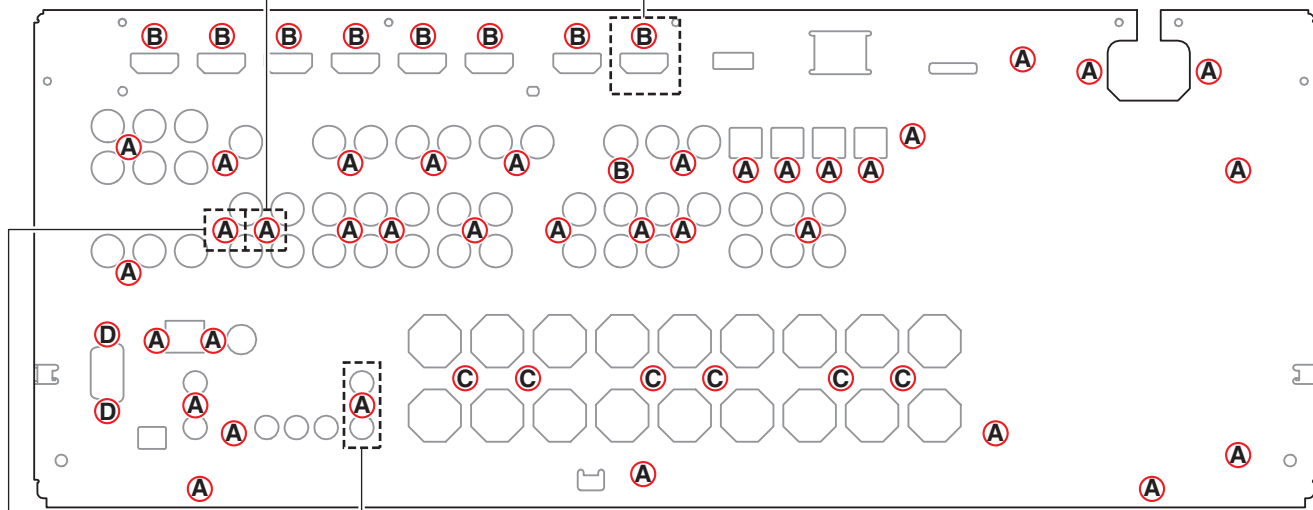
C BBT30P100FCC



D ABA7078



VSX-53/UXJCB, VSX-1326-K/CUXJ only



VSX-53/UXJCB, VSX-1326-K/CUXJ, VSX-52/UXJCB only

VSX-52/UXJCB, VSX-1126-K/CUXJ, VSX-1121-K/UXJCB only

Diagnosis

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.

Note 2 : For performing the diagnosis shown below, the following jigs for service is required.

- 19P FFC (GGD1678)
- 20P + 14P board to board extension jig cable (GGD1759)
- 20P + 20P board to board extension jig cable (GGD1677)
- 7P + 15P board to board extension jig cable (GGD1762)
- 30P board to board extension jig cable (GGD1682) x 2
- 28P + 14P board to board extension jig cable (GGD1763)

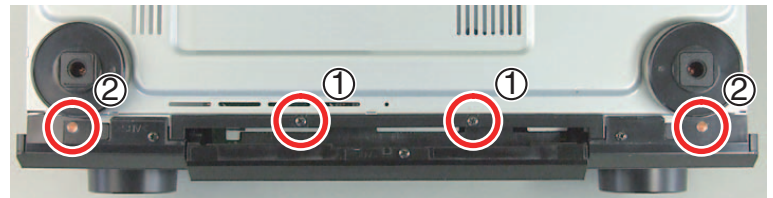
[1] Front Section

Remove the Bonnet 55 by removing the 16 screws.

[1-1] Exterior

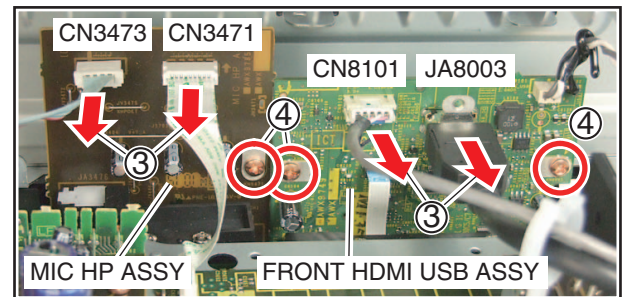
(1) Remove the two screws. (BBZ30P080FTB)

(2) Remove the two screws.
(VSX-53, VSX-1326-K: ABA1193)
(VSX-52, VSX-1126-K, VSX-1121-K:
BBZ30P080FTB)



(3) Disconnect the four connectors.

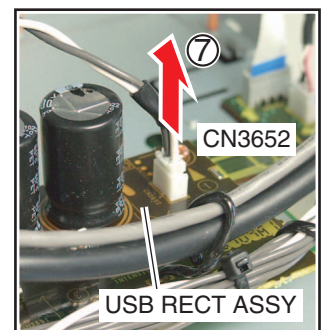
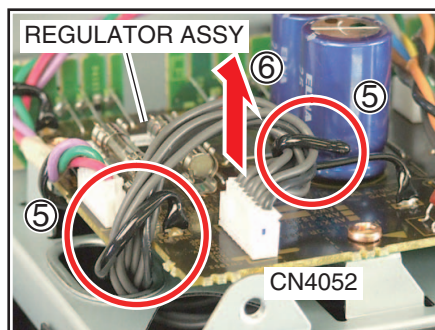
(4) Remove the three screws. (BBZ30P080FCC)



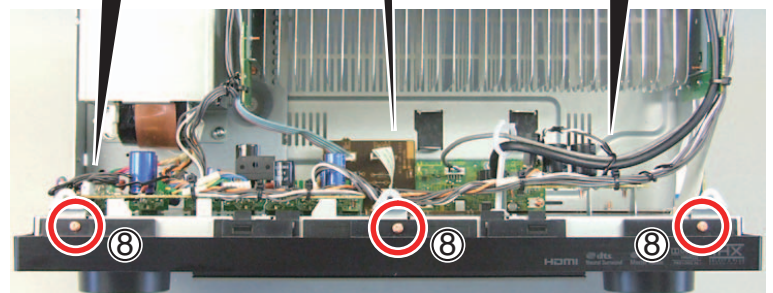
(5) Release the cables from the two Binders.

(6) Disconnect the connector.

(7) Disconnect the connector.

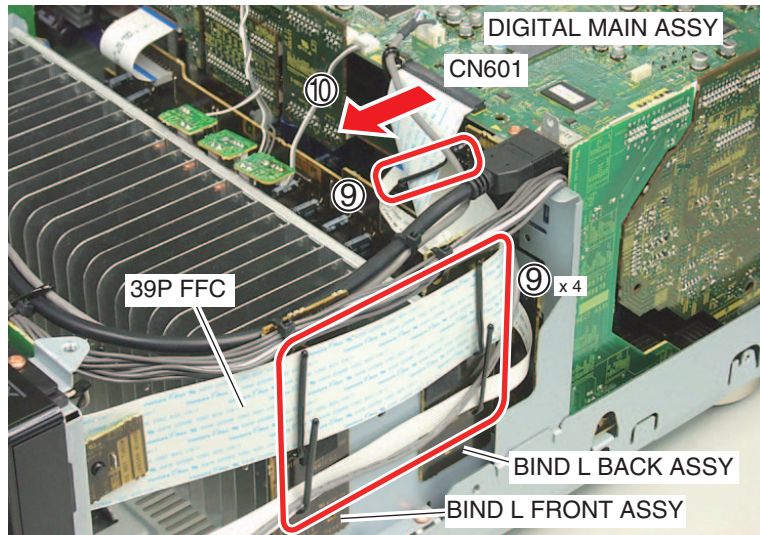


(8) Remove the three screws. (BBZ30P080FCC)



- (9) Release the cables, as required.
 (10) Disconnect the 39P FFC (ADD7751) from the DIGITAL MAIN ASSY.

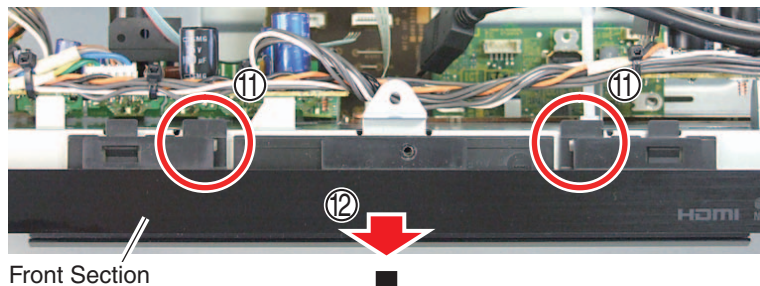
A



B

- (11) Unhook the two hooks.
 (12) Remove the Front Section.

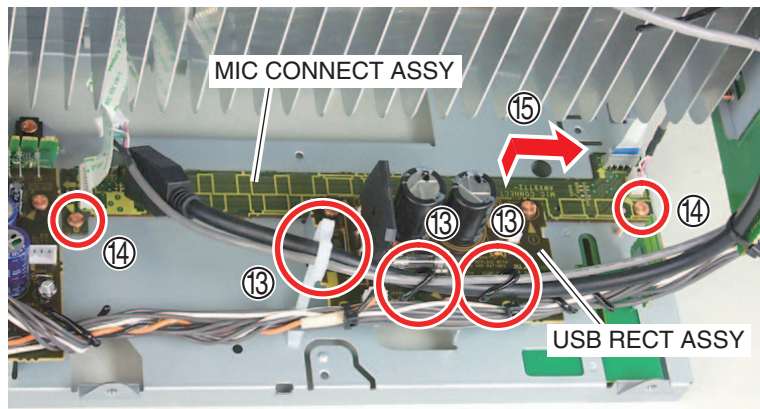
C



- (13) Release the three cables, as required.
 (14) Remove the two screws. (BBZ30P080FCC)
 (15) Remove the MIC CONNECT ASSY.

D

Front

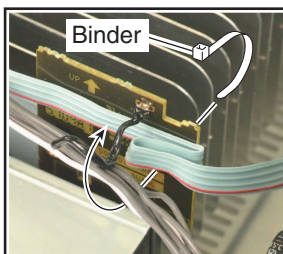


- (16) Release the jumper wires from the Binder.
 (17) Cut the Binder.

Note1: When assembled, the wires should be styled as shown in the photo below.

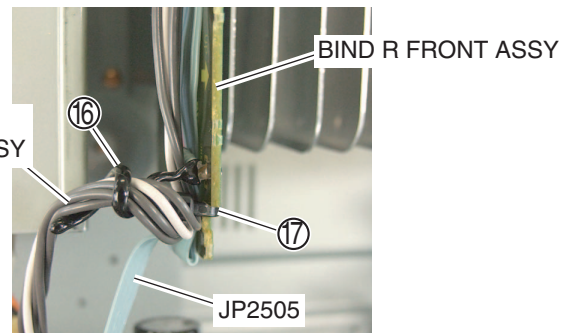
E

Note2: Please connect a wire to the resistor (R4022) in REGULATOR ASSY with 200-gf without touching.



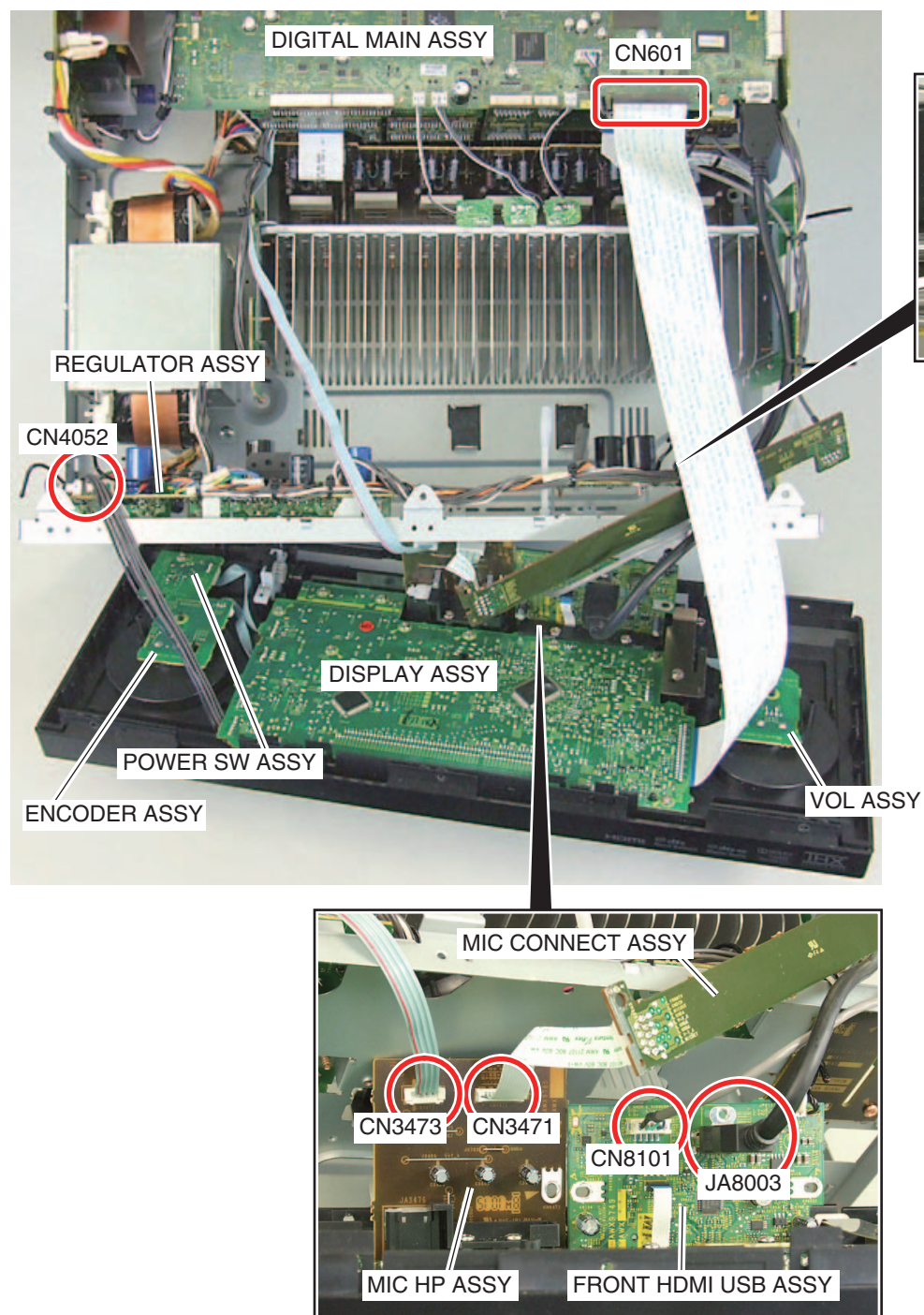
Jumper wire of the AUDIO ASSY

Front



[1-2] Diagnosis

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



[2] POWER AMP ASSY, AUDIO ASSY

When you perform diagnosis on the side-B of AUDIO ASSY, please **refer to the last part of Step, "[4-2] Diagnosis"**.

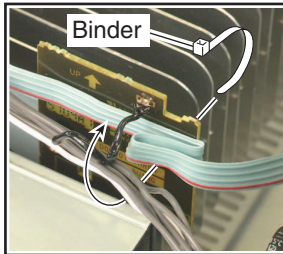
- (1) Remove the Bonnet 55 by removing the 16 screws.
- (2) Discharge C5721 and C5722.
(Refer to the "discharge procedures.")

[2-1] Exterior

- (1) Release the cables, as required.
- (2) Cut the two Binders.

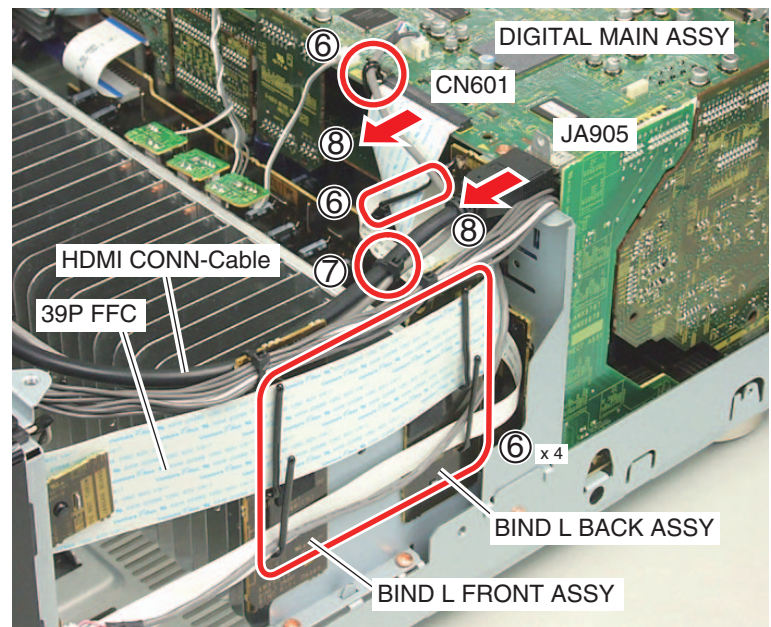
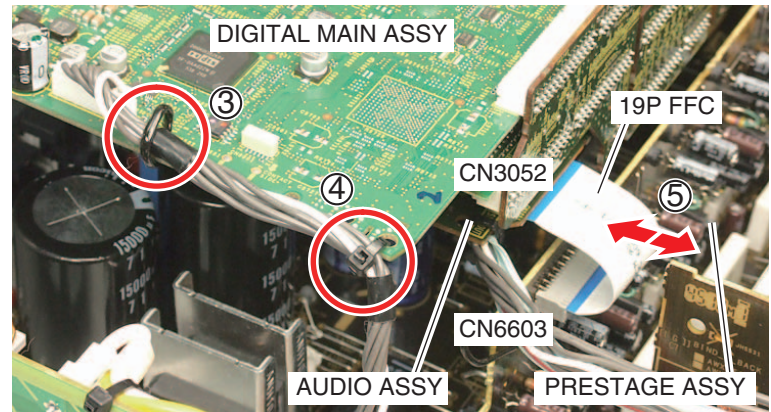
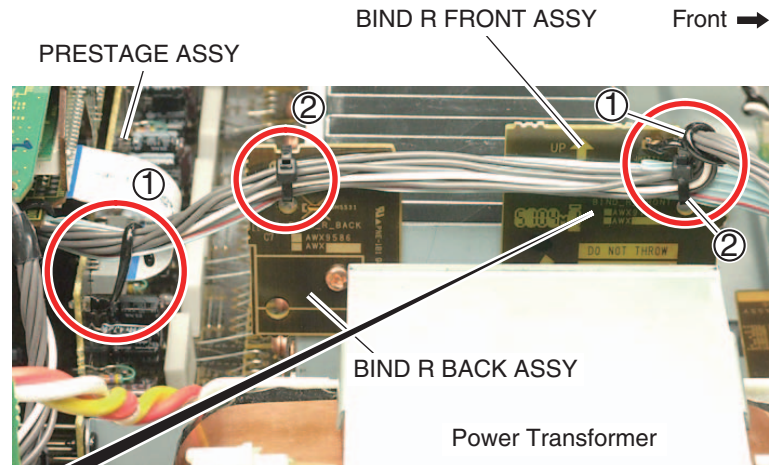
Note1: When assembled, the wires should be styled as shown in the photo below.

Note2: Please connect a wire to the resistor (R4022) in REGULATOR ASSY with 200-gf without touching.



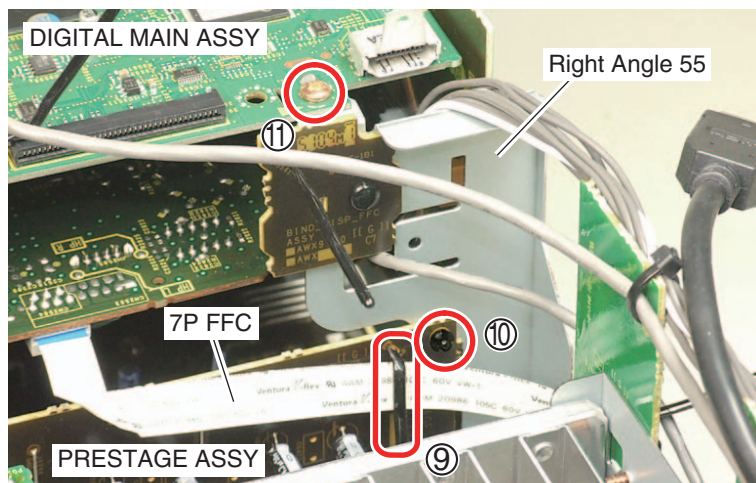
- (3) Release the cable, as required.
- (4) Cut the Binder.
- (5) 19P FFC (ADD7730) to 19P FFC (GGD1678) to replace.

- (6) Release the cables, as required.
- (7) Cut the Binder.
- (8) Disconnect the two connectors.



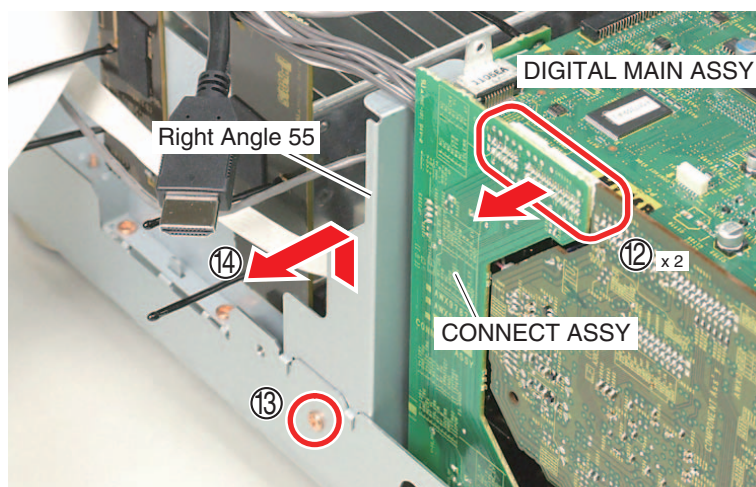
- (9) Release the 7P FFC (ADD7750) from the PRESTAGE ASSY.
- (10) Remove the Nylon Rivet.
- (11) Remove the screw. (BBZ30P080FCC)

Front



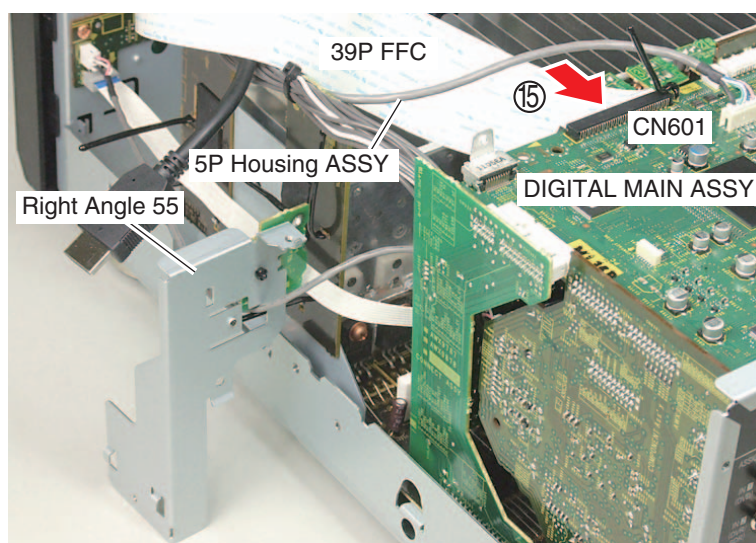
- (12) Disconnect the two connectors.
- (13) Remove the screw. (BBZ30P080FCC)
- (14) Remove the Right Angle 55.

Front



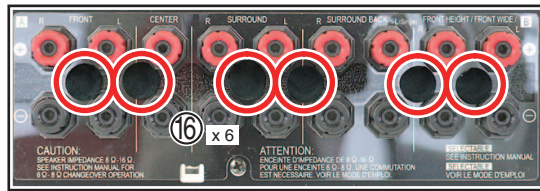
- (15) Connect the 39P FFC. (ADD7751)

Note: The 39P FFC (ADD7751) is passed under the 5P Housing ASSY.



(16) Remove the six Cushion Circle 14B.

A

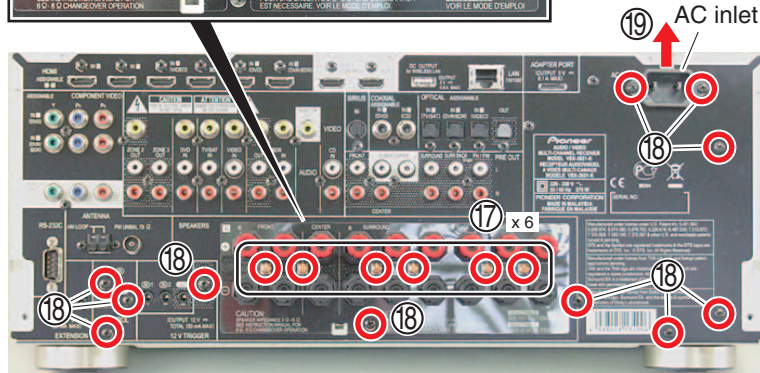


(17) Remove the six screws. (BBT30P100FCC)

(18) Remove the eleven screws.
(BBZ30P080FTB)

(19) Remove the AC inlet.

B

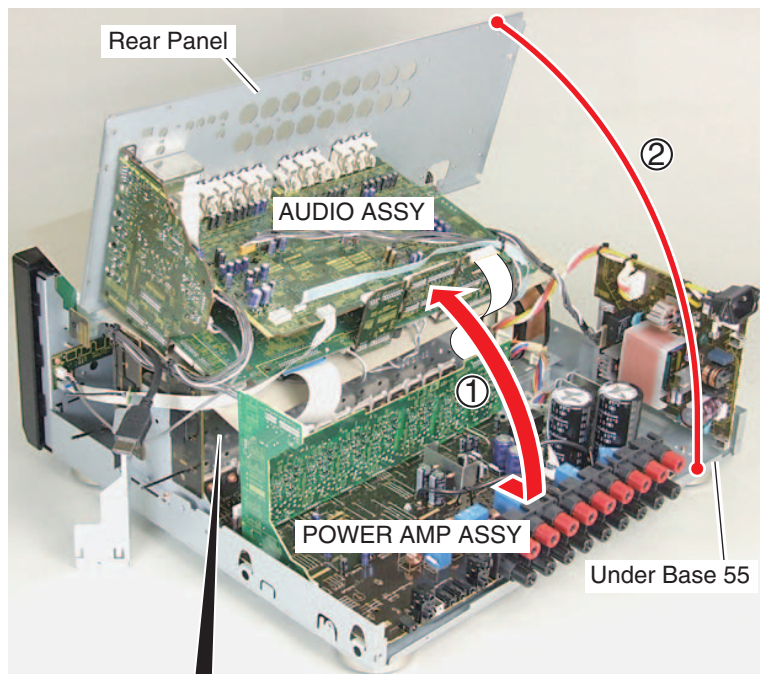


[2-2] Diagnosis

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

(2) Connect the Rear Panel to the Under Base 55 Ground.

C



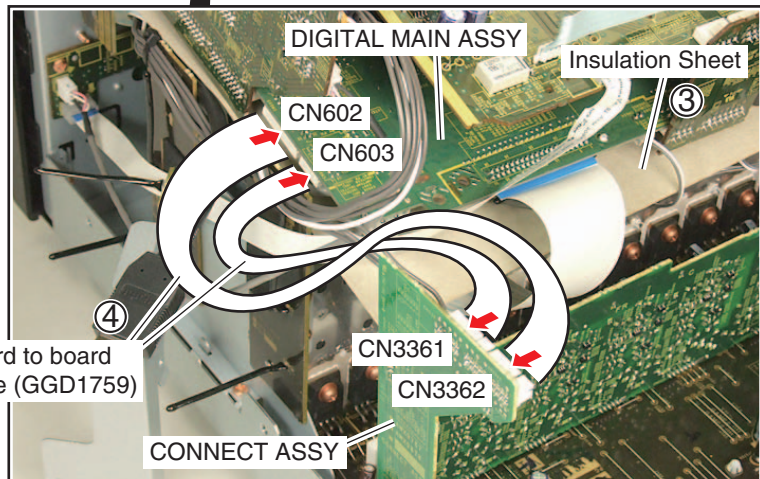
(3) Insert the Insulation Sheet.

(4) Connect the two board to board extension
jig cables.

(DIGITAL MAIN CN602 <-> CONNECT CN3362)

(DIGITAL MAIN CN603 <-> CONNECT CN3361)

E

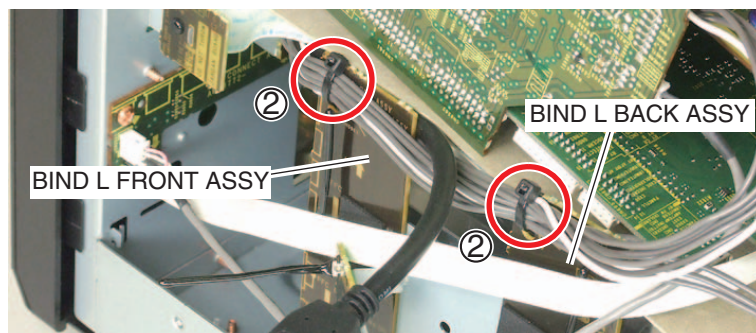


20P + 14P board to board
extension jig cable (GGD1759)

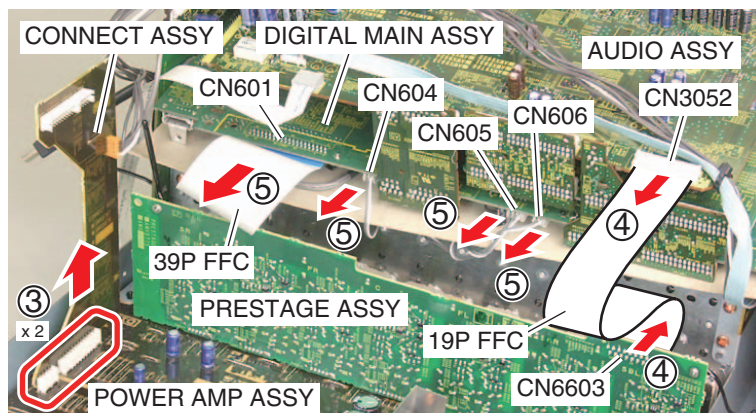
F

[2-3] Remove the POWER AMP ASSY

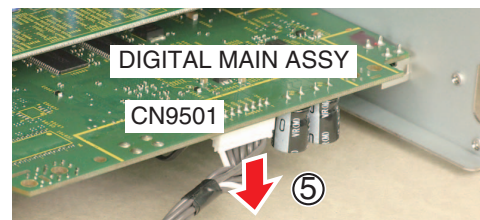
- (1) Disconnect the two board to board extension jig cables. (GGD1759)
(Refer to the step (4) of "[2-2] Diagnosis")
- (2) Cut the two Binders.



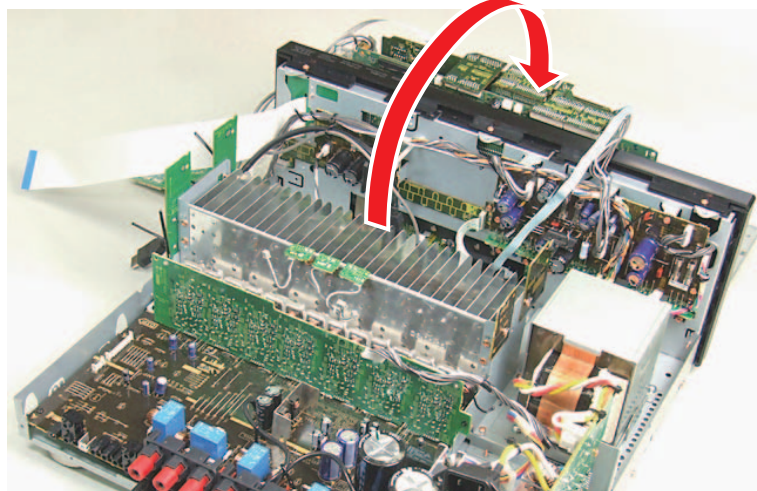
- (3) Disconnect the two connectors.
- (4) Disconnect the 19P FFC.
(Jig cables : GGD1678)
- (5) Disconnect the five connectors from the DIGITAL MAIN ASSY.



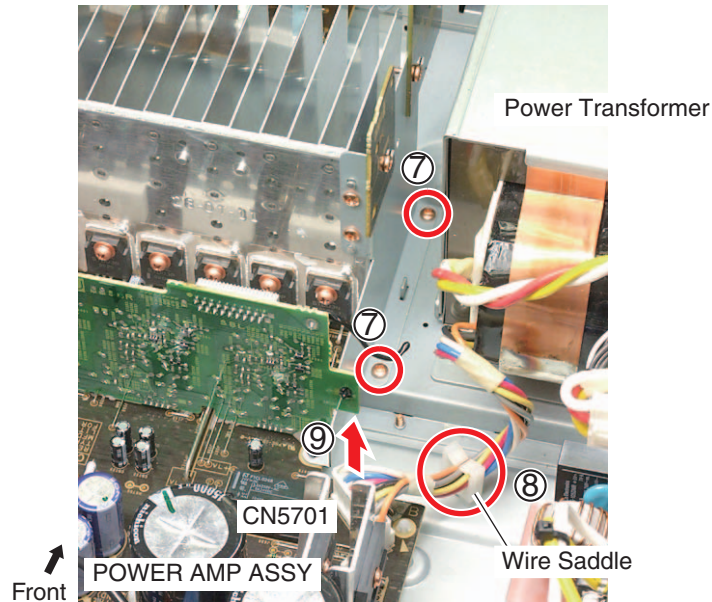
Front



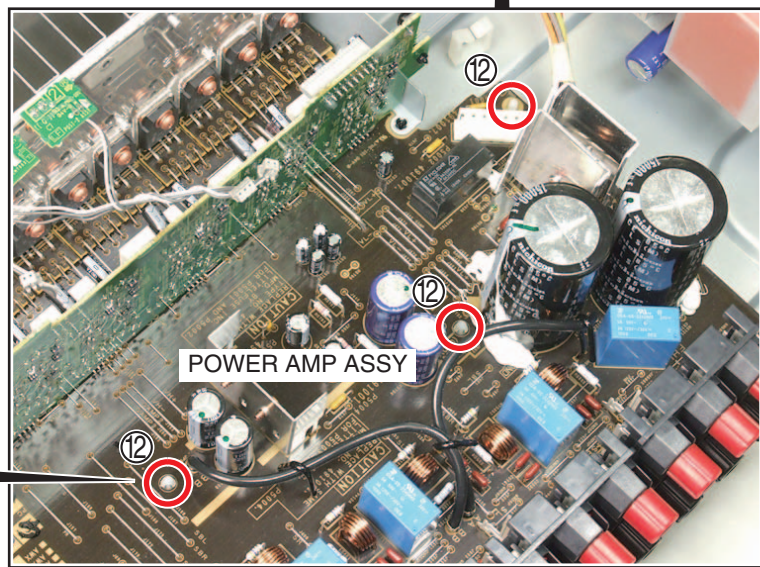
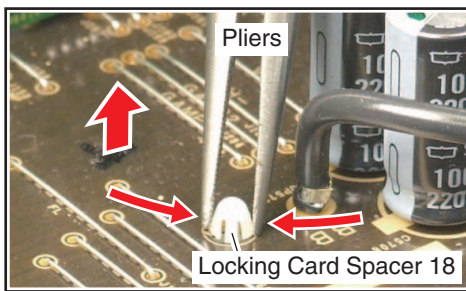
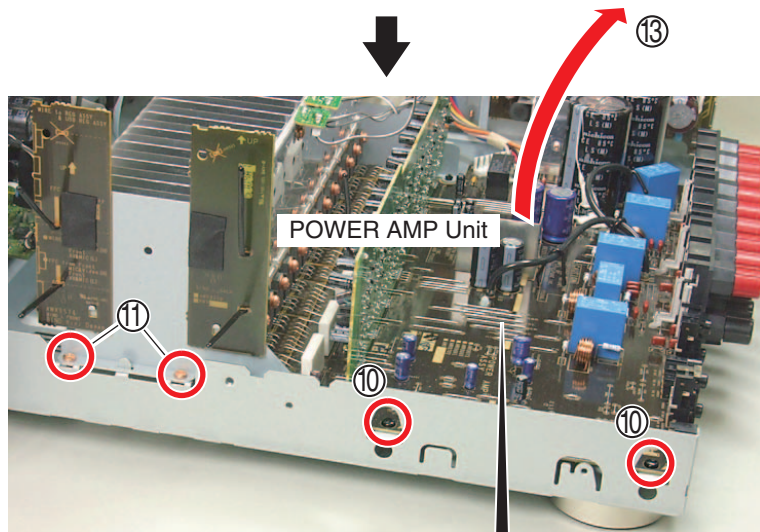
- (6) Arrange the unit as shown in the photo.



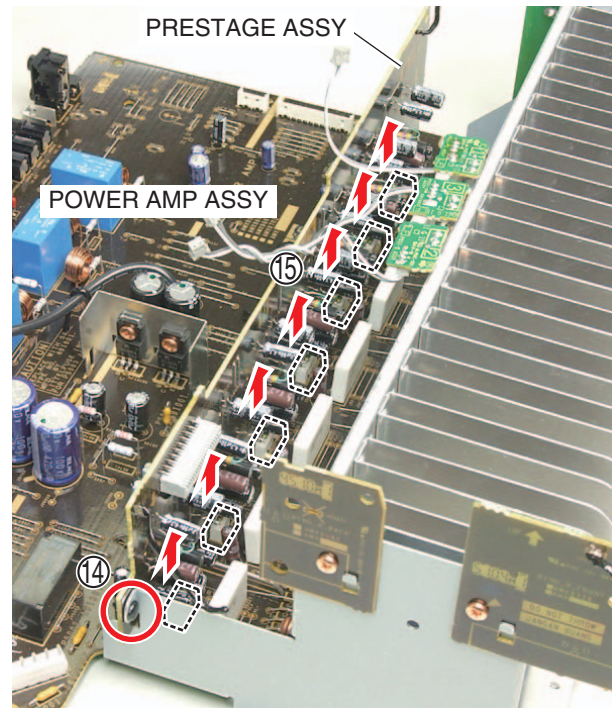
- (7) Remove the two screws. (BBZ30P080FCC)
 (8) Release the cables from the Wire Saddle.
 (9) Disconnect the connector from the POWER AMP ASSY.



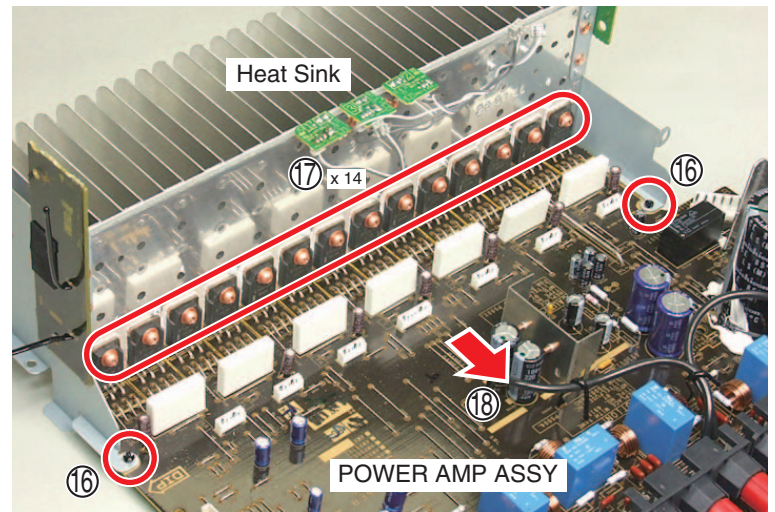
- (10) Remove the two Nylon Rivets.
 (11) Remove the two screws. (BBZ30P080FCC)
 (12) Remove the POWER AMP ASSY from the three Locking Card Spacer 18, using Pliers.
 (13) Remove the POWER AMP Unit.



- (14) Remove the Nylon Rivet.
- (15) Disconnect the seven connectors and then remove the PRESTAGE ASSY.



- (16) Remove the two Nylon Rivets.
- (17) Remove the 14 screws. (ABA7085)
- (18) Remove the POWER AMP ASSY.



[2-4] Assembling of the POWER AMP ASSY

- (1) Attach the POWER AMP ASSY to the Heat Sink, using the 14 screws (ABA7085) and two Nylon Rivets.
(Refer to the steps (17) and (16) of "[2-3] Remove the POWER AMP ASSY")

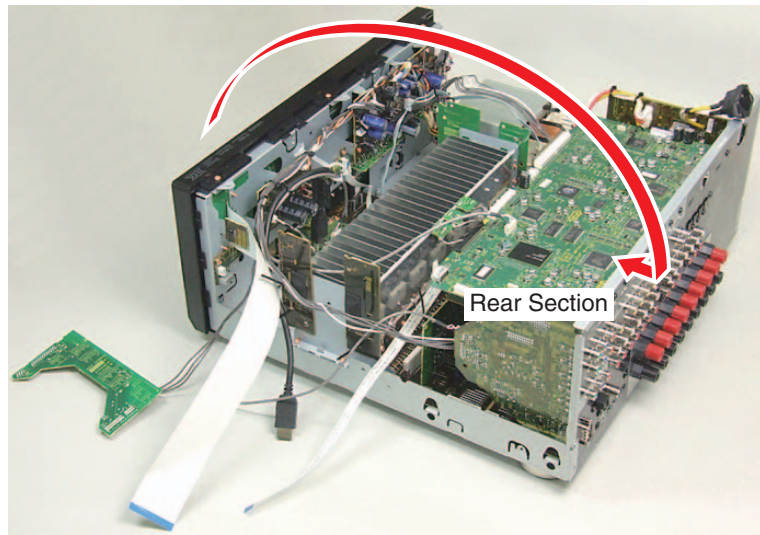
Note: Apply even coatings of silicon grease (GEM1057) on the Heat Sink side of the transistors.

- (2) Connect the seven connectors and then attach the PRESTAGE ASSY, using the Nylon Rivet.
(Refer to the steps (15) and (14) of "[2-3] Remove the POWER AMP ASSY")
- (3) Attach the POWER AMP Unit to the Under Base 55.
(Refer to the steps (12) to (7) of "[2-3] Remove the POWER AMP ASSY")

- (4) Allocate the Rear Section as shown in the photo.

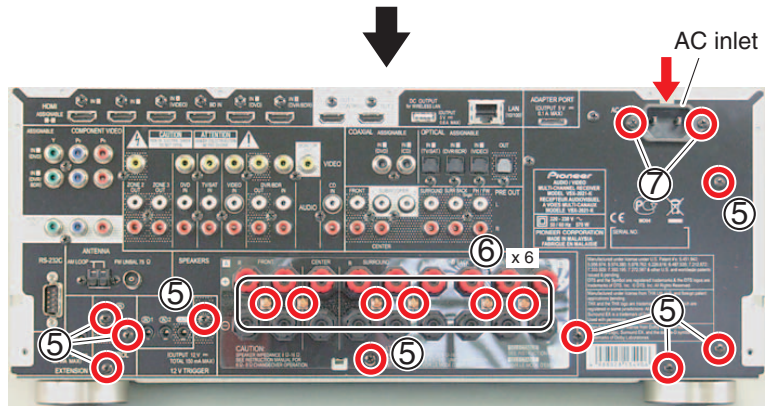
A

B



- (5) Attach the nine screws. (BBZ30P080FTB)
 (6) Attach the six screws. (BBT30P100FCC)
 (7) Attach the AC inlet, using the two screws. (BBZ30P080FTB)

C

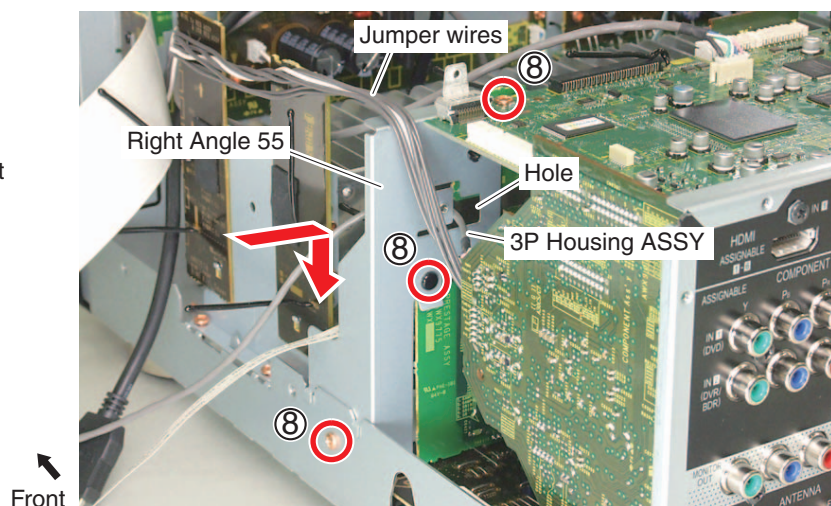


- (8) Attach the Right Angle 55, using the two screws (BBZ30P080FCC) and Nylon Rivet.

D

Note: The 3P Housing ASSY is passed through the hole of the Right Angle 55. The jumper wires is passed over the Right Angle 55.

E

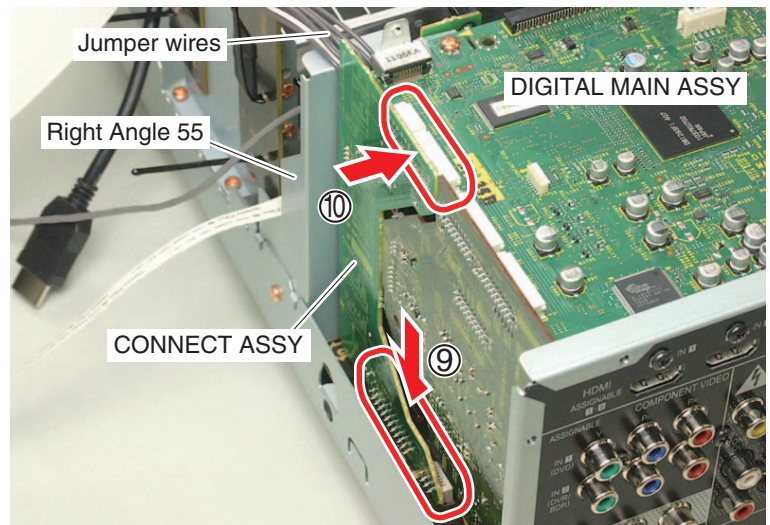


F

- (9) Connect the two connectors.
- (10) Connect the two connectors.

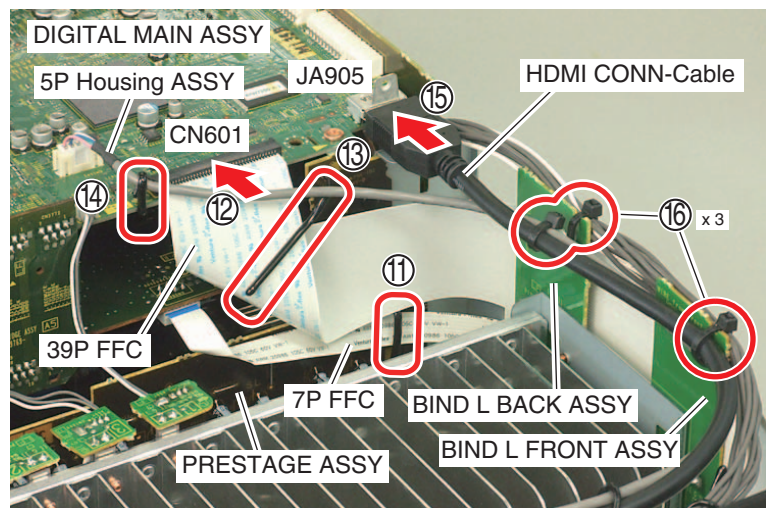
Note: The jumper wires is passed over the Right Angle 55.

Front

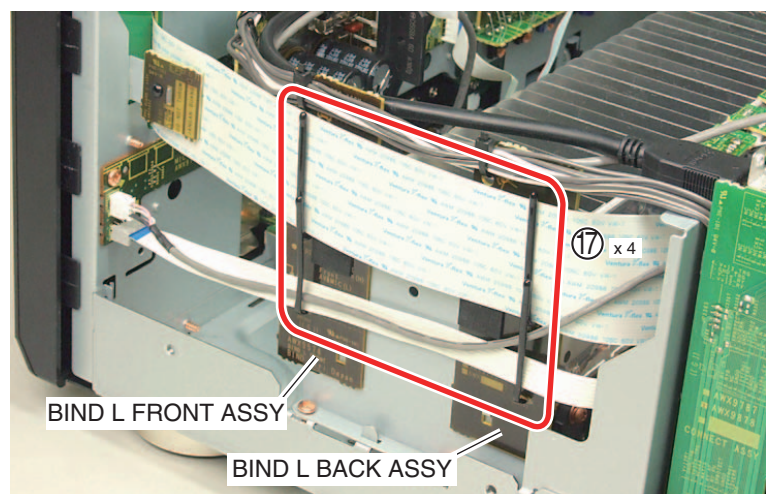


- (11) Fix the 7P FFC (ADD7750) to the PRESTAGE ASSY.
- (12) Connect the connector.
- (13) Fix the 39P FFC (ADD7751).
- (14) Fix the 5P Housing ASSY.
- (15) Connect the connector.
- (16) Fix the some cables as shown in the photo.

Front



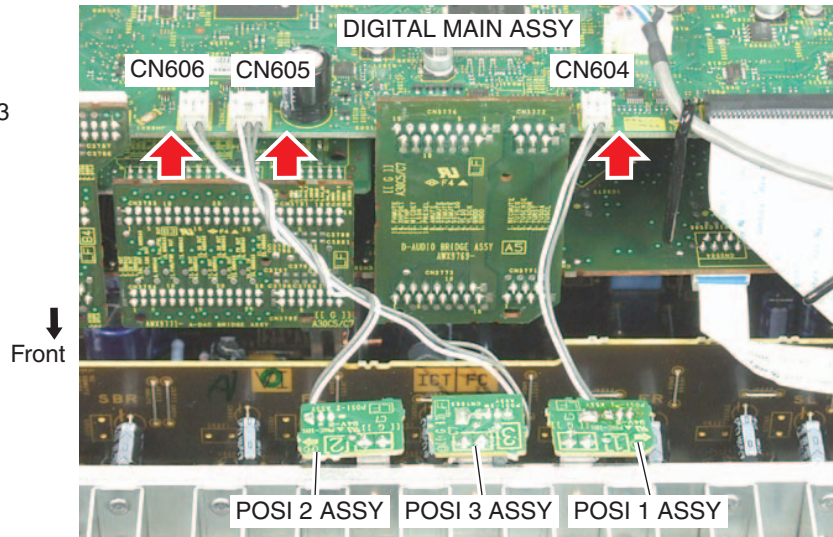
- (17) Fix the some cables as shown in the photo.



- (18) Connect connector and fix the some cables as required.
(Refer to steps (5) to (1) of "[2-1] Exterior")

(19) Connect the three connectors.

Note: The jumper wire of the POSI 2 ASSY is twined round the jumper wire of the POSI 3 ASSY three times.



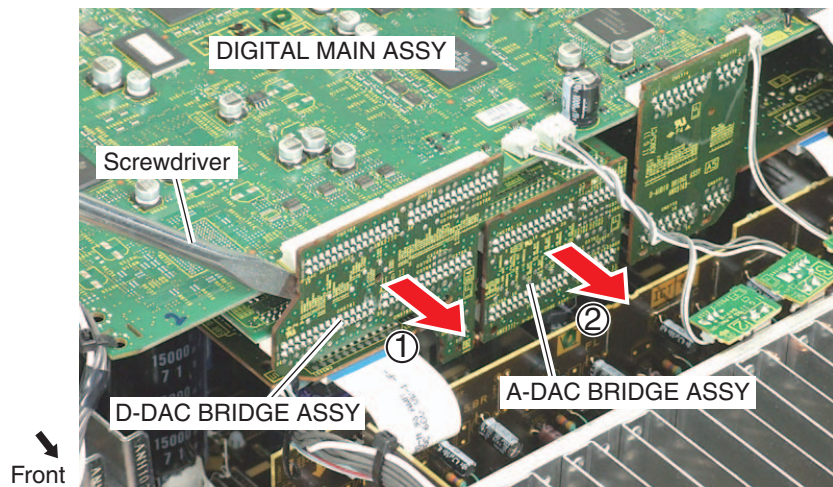
(20) Attach the six Cushion Circle 14B.
(Refer to step (16) of "[2-1] Exterior")

[3] DAC LOW ASSY

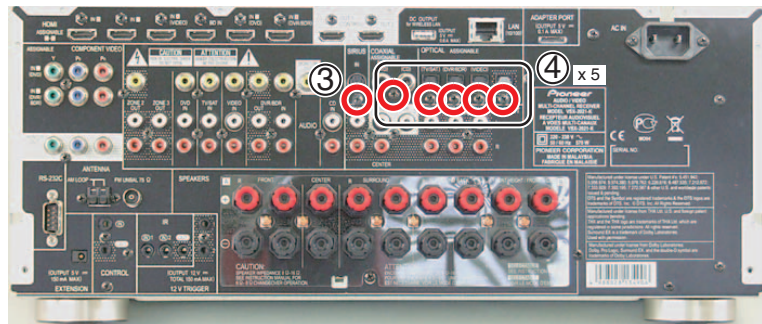
- (1) Remove the Bonnet 55 by removing the 16 screws.
- (2) Discharge C5721 and C5722.
(Refer to the "discharge procedures.")

[3-1] Exterior

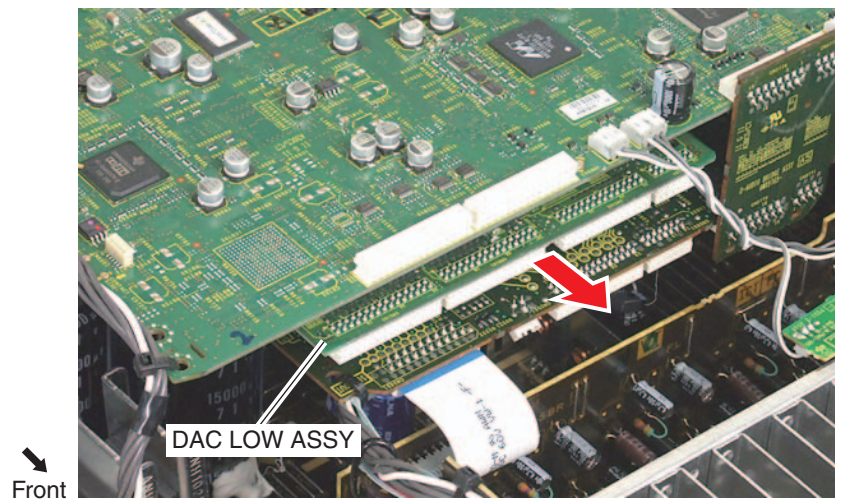
- (1) Remove the D-DAC BRIDGE ASSY.
- (2) Remove the A-DAC BRIDGE ASSY.



- (3) Remove the screw. (BMZ30P040FTB)
- (4) Remove the five screws. (BBZ30P080FTB)

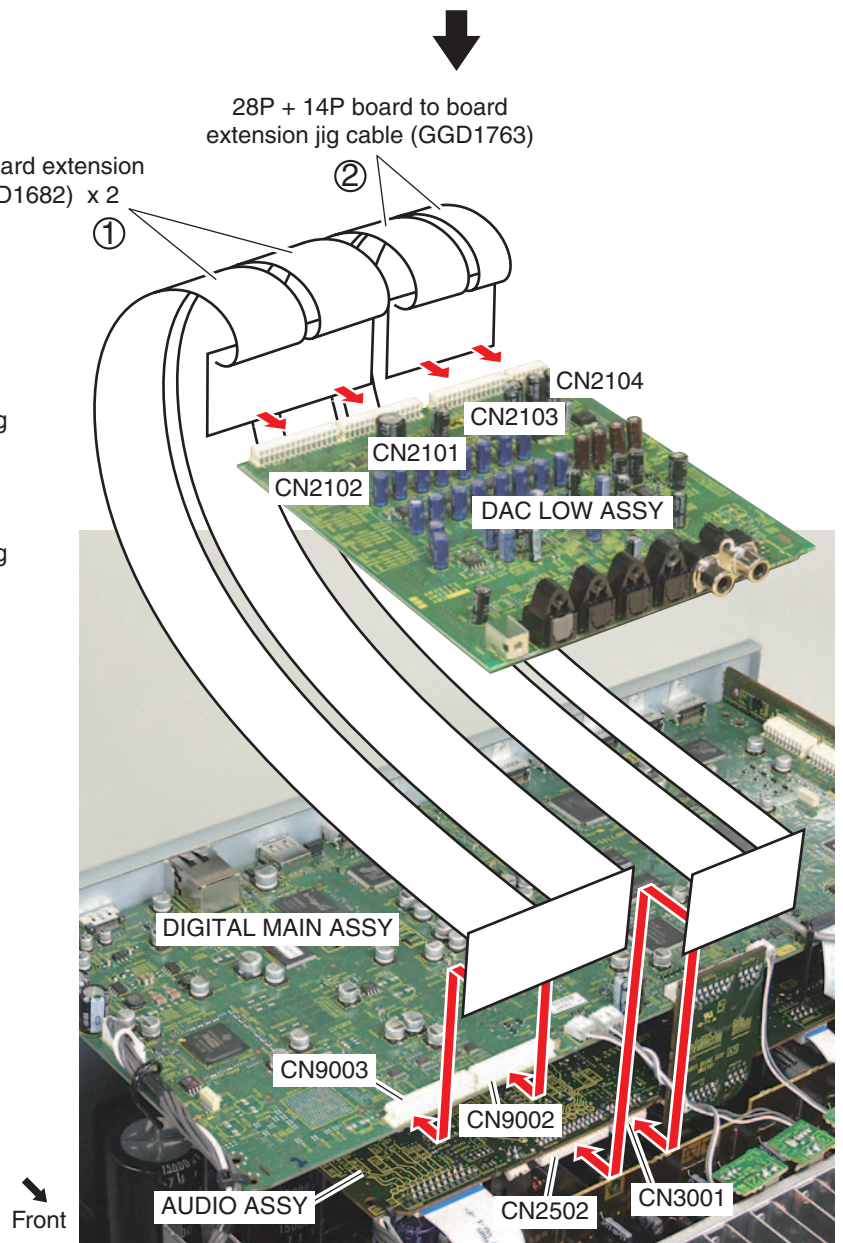


(5) Remove the DAC LOW ASSY.

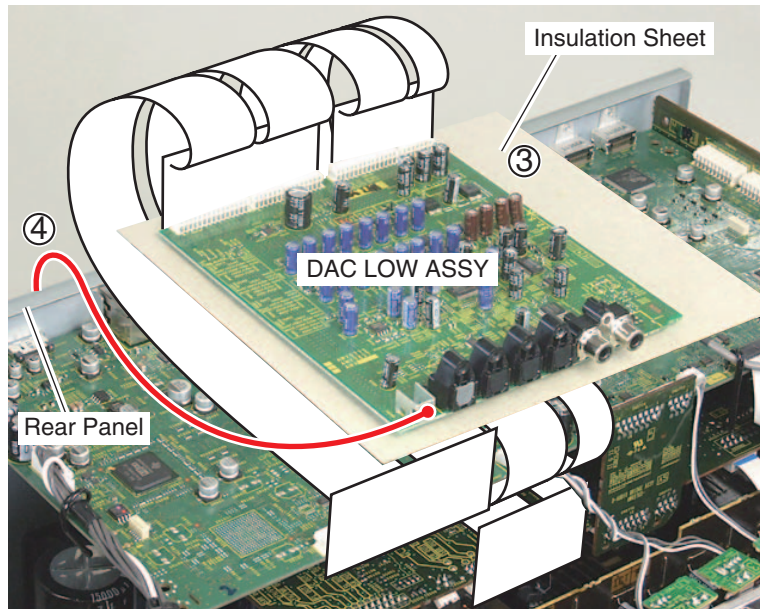


[3-2] Diagnosis

- (1) Connect the two board to board extension jig cables.
(DAC LOW CN2102 <-> DIGITAL MAIN CN9003)
(DAC LOW CN2101 <-> DIGITAL MAIN CN9002)
- (2) Connect the two board to board extension jig cables.
(DAC LOW CN2103 <-> AUDIO CN2502)
(DAC LOW CN2104 <-> AUDIO CN3001)



- (3) Insert the Insulation Sheet.
- (4) Connect the DAC LOW ASSY to the Rear Panel ground.
(Refer to the "Ground points.")

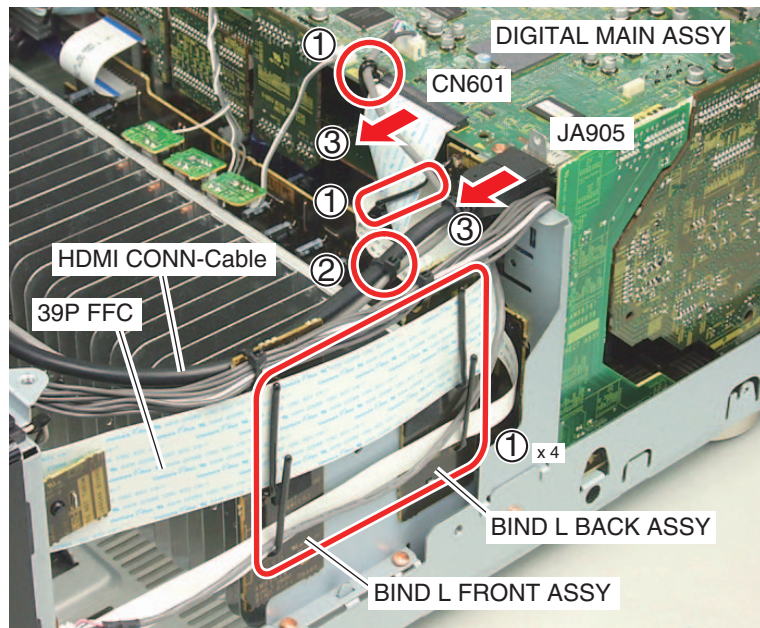


[4] DIGITAL MAIN ASSY

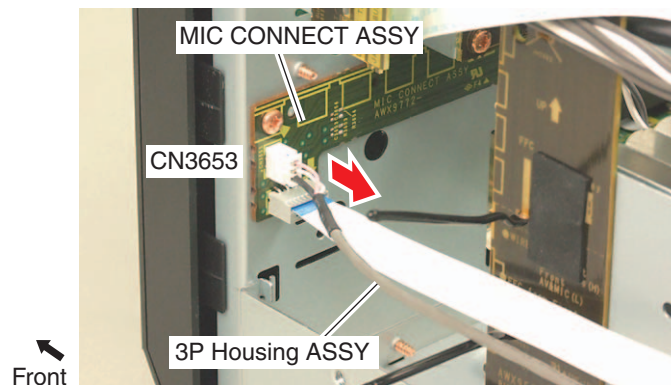
- (1) Remove the Bonnet 55 by removing the 16 screws.
- (2) Discharge C5721 and C5722.
(Refer to the "discharge procedures.")

[4-1] Exterior

- (1) Release the cables, as required.
- (2) Cut the Binder.
- (3) Disconnect the two connectors.



- (4) Disconnect the connector.

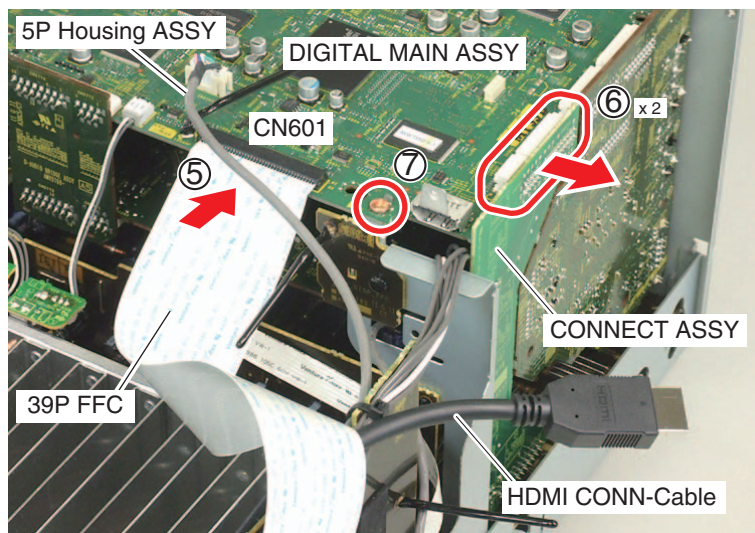


- (5) Connect the 39P FFC (ADD7751).

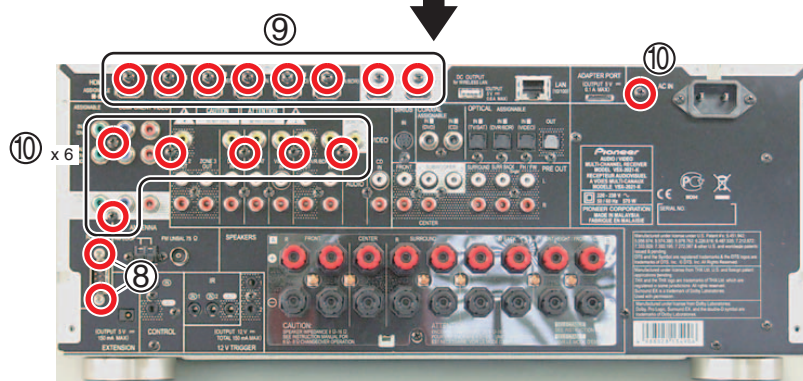
Note: The 39P FFC (ADD7751) is passed over the HDMI CONN-Cable.
The 39P FFC (ADD7751) is passed under the 5P Housing ASSY.

- (6) Disconnect the two connectors.
(7) Remove the screw. (BBZ30P080FCC)

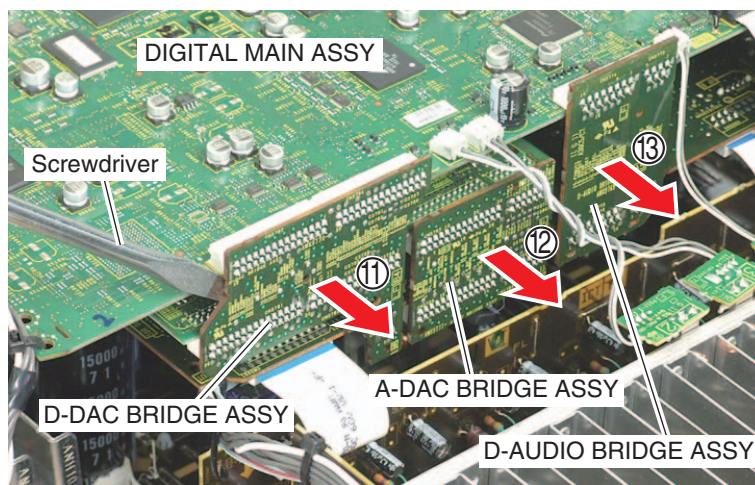
Front



- (8) Remove the two Hex head Screws. (ABA7078)
(9) Remove the some screws. (BMZ30P040FTB)
(VSX-53, VSX-1326-K: x 8)
(VSX-52, VSX-1126-K, VSX-1121-K: x 7)
(10) Remove the seven screws. (BBZ30P080FTB)



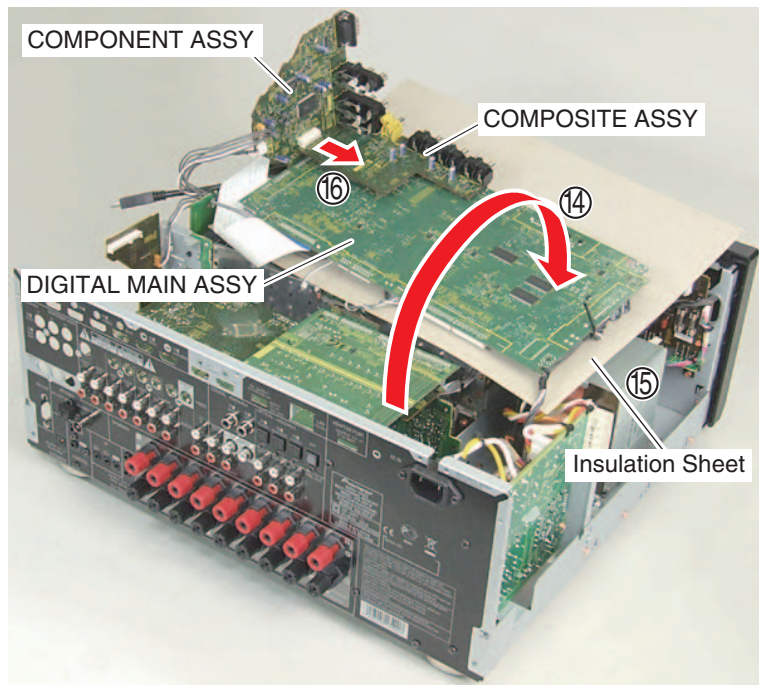
- (11) Remove the D-DAC BRIDGE ASSY.
(12) Remove the A-DAC BRIDGE ASSY.
(13) Remove the D-AUDIO BRIDGE ASSY.



(14) Arrange the DIGITAL MAIN ASSY (with the COMPONENT ASSY and the COMPOSITE ASSY) as shown in the photo.

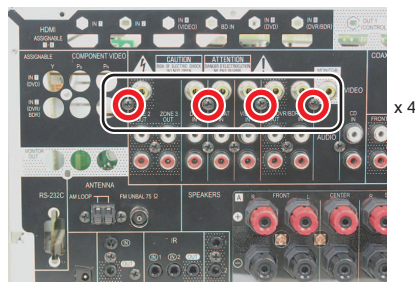
(15) Insert the Insulation Sheet.

(16) Disconnect the connector and then remove the COMPOSITE ASSY.



[4-2] Diagnosis

(1) Attach the COMPOSITE ASSY, using the four screws. (BBZ30P080FTB)



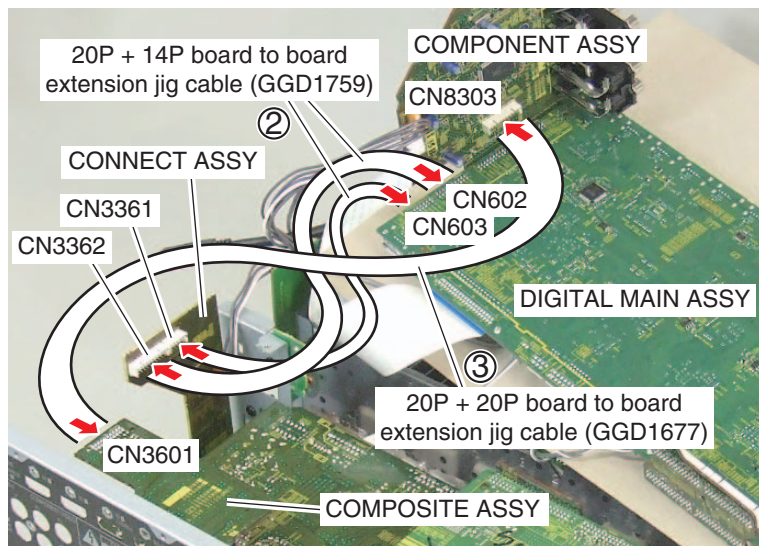
(2) Connect the two board to board extension jig cables.

(DIGITAL MAIN CN602 <-> CONNECT CN3362)

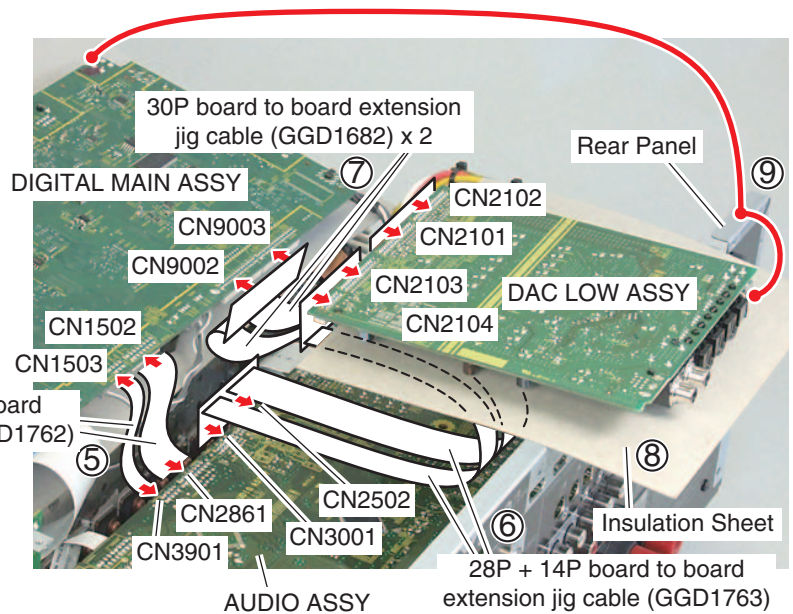
(DIGITAL MAIN CN603 <-> CONNECT CN3361)

(3) Connect the two board to board extension jig cables.

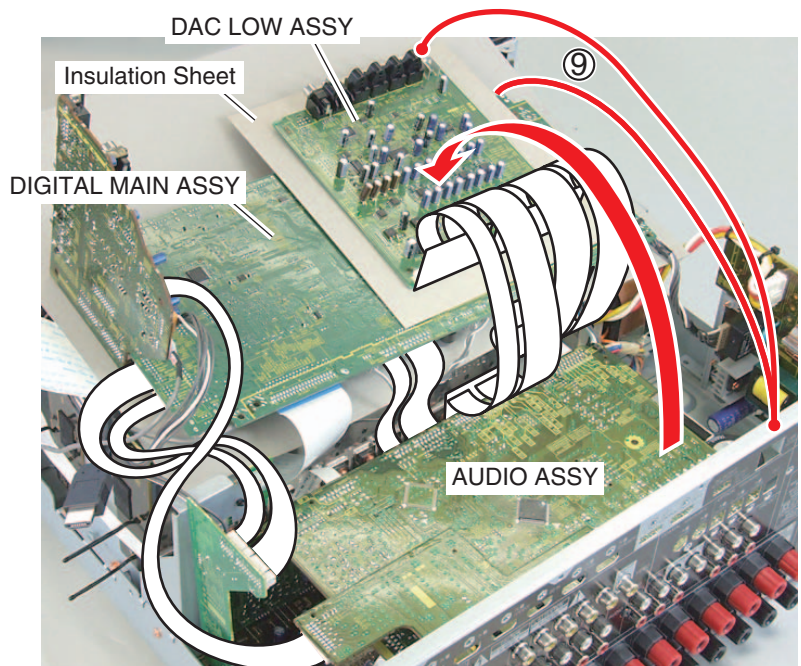
(COMPONENT CN8303 <-> CONPOSITE CN3601)



- (4) Remove the DAC LOW ASSY.
(Refer to steps (3) to (5) of "[3-1] Exterior")
- (5) Connect the two board to board extension jig cables.
(DIGITAL MAIN CN1503 <-> AUDIO CN3901)
(DIGITAL MAIN CN1502 <-> AUDIO CN2861)
- (6) Connect the two board to board extension jig cables.
(DAC LOW CN2103 <-> AUDIO CN2502)
(DAC LOW CN2104 <-> AUDIO CN3001)
- (7) Connect the two board to board extension jig cables.
(DAC LOW CN2102 <-> DIGITAL MAIN CN9003)
(DAC LOW CN2101 <-> DIGITAL MAIN CN9002)
- (8) Insert the Insulation Sheet.
- (9) Connect the DIGITAL MAIN ASSY and the DAC LOW ASSY to the Rear Panel ground.
(Refer to the "Ground points.")



- Note1:** In case of diagnosing DIGITAL MAIN ASSY by this situation, do not connect HDMI cable from FRONT HDMI USB ASSY to prevent breakdown of HDMI connector. If the HDMI connection is necessary, use another normal HDMI cable and connect it to DIGITAL MAIN ASSY without any stress from HDMI cable.
- Note2:** By placing the DAC LOW ASSY on the DIGITAL MAIN ASSY from the above status, it is possible to perform diagnosis both on the DAC LOW ASSY and the side-B of AUDIO ASSY simultaneously.



8. EACH SETTING AND ADJUSTMENT

8.1 ADJUSTMENT REQUIRED WHEN THE UNIT IS REPAIRED OR REPLACED

A ■ When any of the following assemblies is replaced

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

B ■ When any of the following parts is replaced

DIGITAL MAIN ASSY	➡	No adjustment required The part listed below is difficult to replace as a discrete component part. When the part listed in the table is defective, replace whole Assy. • IC101 (UPD61283F1-407LU2A) • IC903 (SII9233ACTU) • IC905 (SII9387CTU) • IC1204 (88DE2750) • IC1212(MAIN) (H5PS5162GFR-S5C-K) • IC1212(SUB) (K4T51163QI-HCE7) • JA1501 (CKS5712-A) • IC1602 (SII9136CTU) • IC1603 (SII9136CTU) • IC9002 (D810K013BZKB400-K) • IC9203 (LAN8700C-AEZG) • IC9204 (DM860) • IC9205 (AYW7346-A) • IC9509 (MM1701WH) • IC9510 (NJM2846DL3-33)
Other assemblies	➡	No adjustment required

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■

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

[Introduction]

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

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

[Data that can be saved/cannot be saved]

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

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

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

[Requirements for USB memory]

USB memory to be used should meet the following requirements.

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

[File saving format]

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

Example: VSX-53_BK01.avr

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

1. Insert the usable USB memory into the USB terminal when the main device is off.
2. Enter the SERVICE MODE and select [USB BAK ◀ HOLD ▶] with ↑↓ keys.
(See [6.1 TEST MODE] for how to enter the SERVICE MODE.)
3. Select [USB BAK ◀ SAVE ▶] with ⇐⇒ keys and press [ENTER].
4. Saving in the USB starts and the main device automatically goes off after the normal completion ([COMPLETE] is displayed.).
5. Remove the USB and saving is finished.

*1. If the following errors occur after "SAVE" is executed, error message will be displayed and "SAVE" will be stopped and the power will be turned off.

- Ejecting of USB device
- Short capacity of USB device
- Error during writing in the USB device (Read Only or defective Sector, etc.)

*2. If the same file name exists in the USB, overwriting will be automatically executed.

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

1. Insert the USB with the saved file into the USB terminal when the main device is off.
2. Enter the TEST MODE and select [USB BAK ◀ HOLD ▶] with ↑↓ keys.
(See [6.1 TEST MODE] for how to enter the TEST MODE.)
3. Select [USB BAK ◀ LOAD ▶] with ⇐⇒ keys and press [ENTER].
4. Saving in the main device starts and it automatically goes off after the normal completion ([COMPLETE] is displayed.).
5. Remove the USB and loading is finished.

* If the following errors occur after "LOAD" is executed, error message will be displayed and "LOAD" will be stopped and the power will be turned off.

- No setting file
- Mismatching between the setting file and the specification of the A/V RECEIVER type to be loaded back
- Error due to Checksum, Signature Check, and Size Check
- Ejecting of USB device (during reading of the setting file)

Precautions

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

- The time and date of updating for saved file is fixed to "2010/01/01 0:00."
 - In principle, please implement Load without making of factory default settings.
- To Load from factory default settings status, please take caution on the following points;

Please be sure to check the HDMI control setting for the user before performing of factory default settings.

Since the HDMI control setting of default settings is ON, turn OFF the HDMI control setting and Load after performing of factory default settings if the checked user setting is OFF.

(If Load is executed with the setting ON, the assignment information for each HDMI input will be cleared.)

Procedures for turning OFF the HDMI control setting

⇒ HOME MENU ⇒ 4.System Setup ⇒ 4e.HDMI Setup ⇒ Control OFF

8.3 REGION WRITING

This is the function to write Region information by using an USB Memory.

Automatic start-up is conducted with POWER ON if the Region information is not written.

This work is carried out when DISPLAY ASSY is replaced.

[Preparations]

- 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	VSX-53/UXJCB

[Procedures]

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

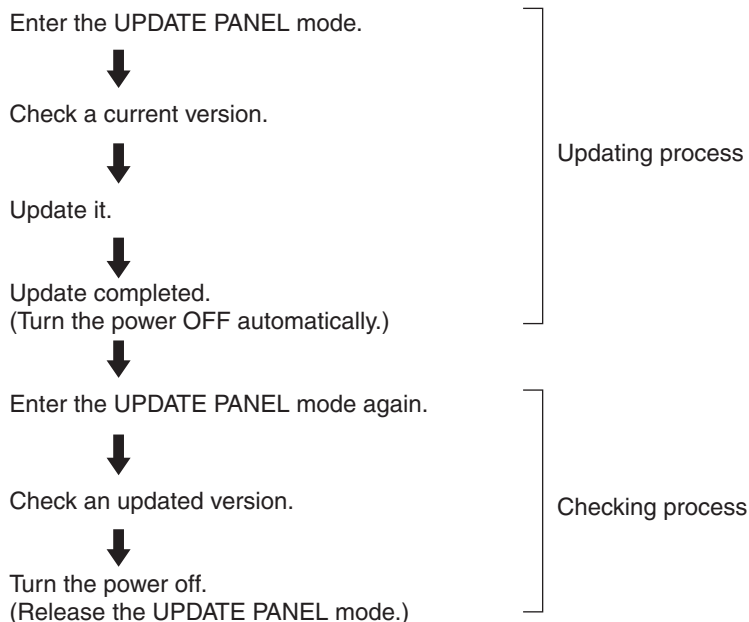
[Case of Abnormal Completion]

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

FL Display Examples											Reason for Display	Coping Strategy
		E	R	R	O	R		R	0	1	Case of unsuccessful USB Read-in	Try writing with other USB Memory
		E	R	R	O	R		R	0	2	Case of No File for Writing	Place writing required REGION File to root directory
		E	R	R	O	R		R	0	3	Case of destroyed File	Download REGION File again
		E	R	R	O	R		R	0	4	Case of destination information for different model is written	Download REGION File for correct model

8.4 HOW TO UPDATE FIRMWARE

Workflow



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

● UPDATE PANEL Mode (Version update)

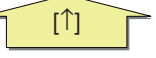
[Preparations]

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

[Procedures]

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

A

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

Front Panel Key

[↓] : TUNE key

[↑] : TUNE key

[←] : PRESET key

[→] : PRESET key

1 - 001002003004

Version number of BridgeCo

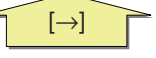
Version number of DSP

Version number of Sub com
(EVENT)Small version number of
Main com (EMMA)Big version number of
Main com (EMMA)

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

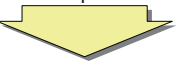
Wait for a while until the version is displayed.

C

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

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Key operation	FL display
UPDATE FILE searching completed 	Updating process * Updating. 20 %
DSP UPDATE completed 	Updating process * Updating. 40 %
BridgeCo IC UPDATE completed 	Updating process * Updating. 60 %
MAIN com (EMMA) UPDATE completed 	Updating process * Updating. 80 %
SUB com (EVENT) UPDATE completed 	Update completion display * Updating. 100 %
5 Second 	
Power turns off automatically. (All ZONE OFF) Disconnect the USB MEMORY.	

Update time is fluctuated by contents of the update. It will take about 20 minutes at the maximum.

(Actual time is from 2 minutes to 15 minutes.)

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

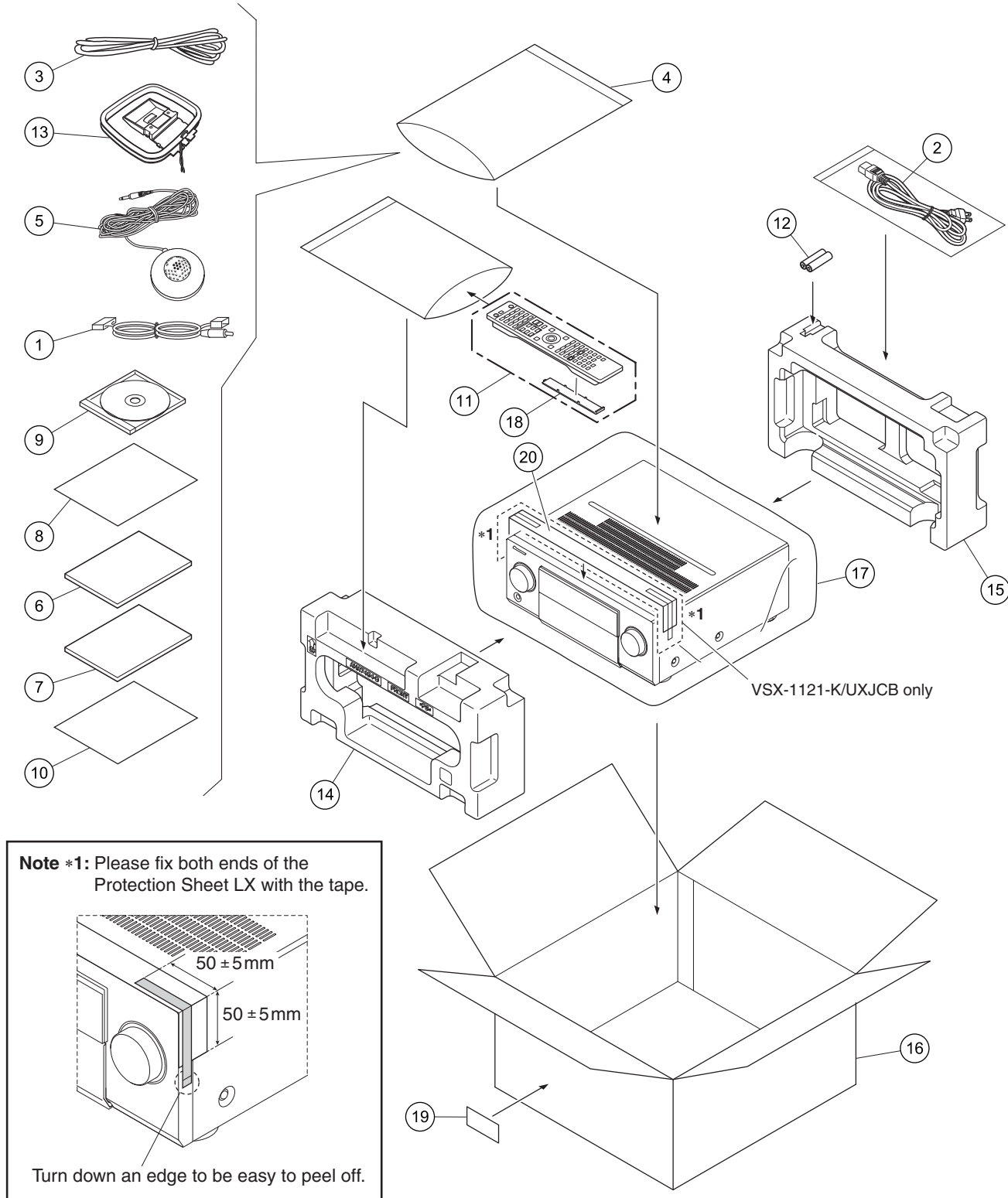
[Confirmation]

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

9. EXPLODED VIEWS AND PARTS LIST

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

9.1 PACKING SECTION



(1) PACKING SECTION PARTS LIST

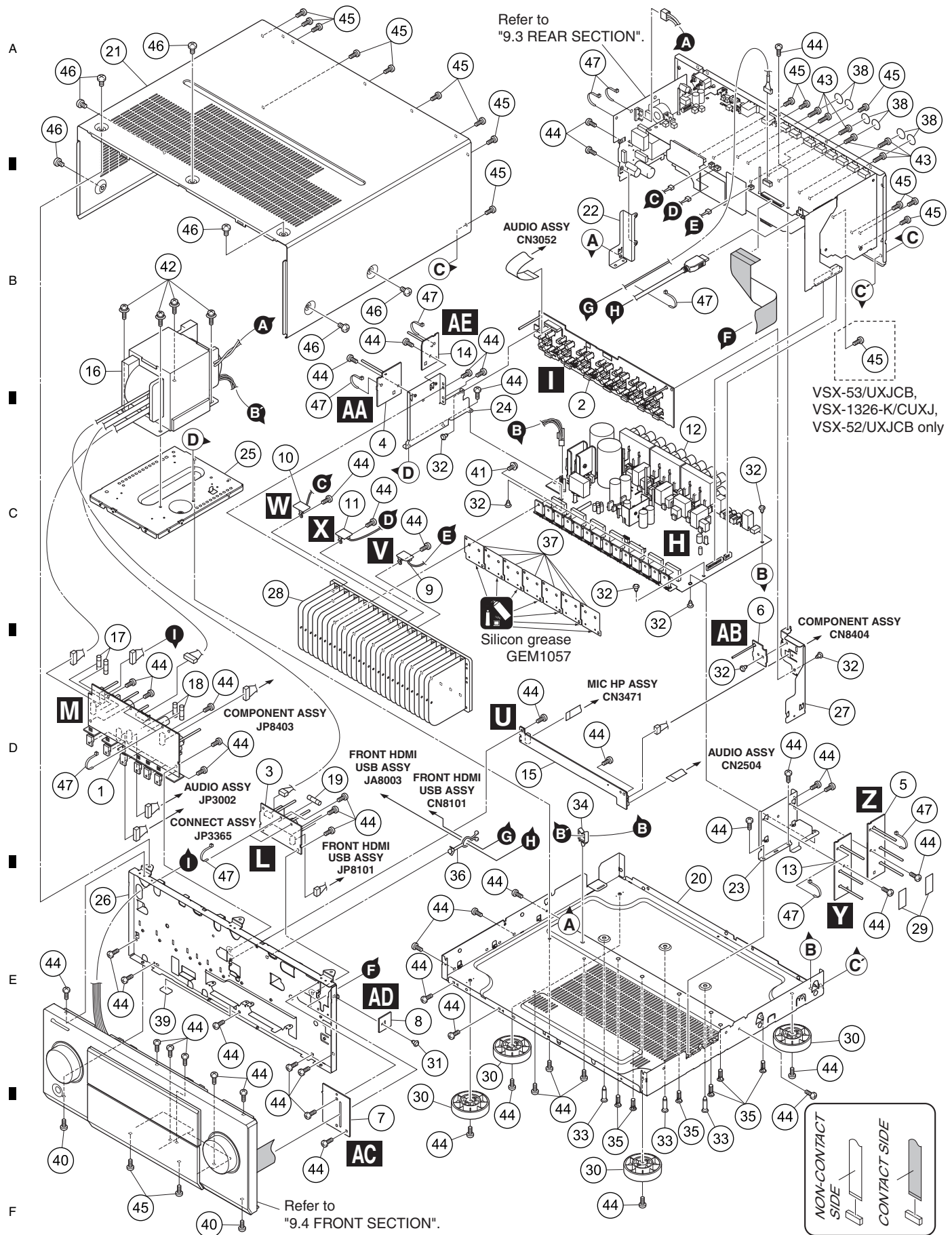
Mark No.	Description	Part No.	Mark No.	Description	Part No.
	1 iPod Cable	ADE7136		11 Remote Control Unit	AXD7612
⚠	2 AC Power Cord	ADG7111	NSP	12 Dry Cell Battery (AAA size IEC R03)	VEM1051
	3 FM Wire Antenna	ADH7030		13 AM Loop Antenna	XTB3004
NSP	4 Polyethylene Bag	AHG7117		14 Packing Pad /F	AHA7494
	5 MCACC Setup Microphone	APM7010		15 Packing Pad /R	AHA7495
	6 Operating instructions (En)	See Contrast table (2)		16 Packing Case	See Contrast table (2)
	7 Operating instructions (Fr)	See Contrast table (2)		17 Packing Sheet	RHC1023
	8 Caution Sheet SP, E	ARM7083		18 Battery Cover	AZN8047
	9 Operating instructions (CD-ROM)	See Contrast table (2)	NSP	19 Serial Label S	VRW2017
NSP	10 Warranty Card	See Contrast table (2)		20 Protection Sheet LX	See Contrast table (2)

(2) CONTRAST TABLE

VSX-53/UXJCB, VSX-1326-K/CUXJ, VSX-52/UXJCB, VSX-1126-K/CUXJ and VSX-1121-K/UXJCB are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-53/UXJCB	VSX-1326-K/ CUXJ	VSX-52/UXJCB	VSX-1126-K/ CUXJ	VSX-1121-K/ UXJCB
NSP	6	Operating Instructions (En)	ARB7454	ARB7456	ARB7454	ARB7456	ARB7457
	7	Operating Instructions (Fr)	Not used	ARC7994	Not used	ARC7994	Not used
	9	Operating Instructions (CD-ROM)	ARU7005	ARU7015	ARU7019	ARU7020	ARU7017
	10	Warranty Card	ARY7007	Not used	ARY7007	Not used	Not used
	16	Packing Case	AHD8735	AHD8736	AHD8742	AHD8743	AHD8744
	20	Protection Sheet LX	Not used	Not used	Not used	Not used	AEH7030

9.2 EXTERIOR SECTION



(1) EXTERIOR SECTION PARTS LIST

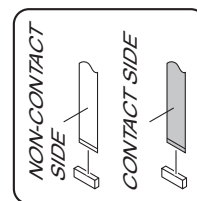
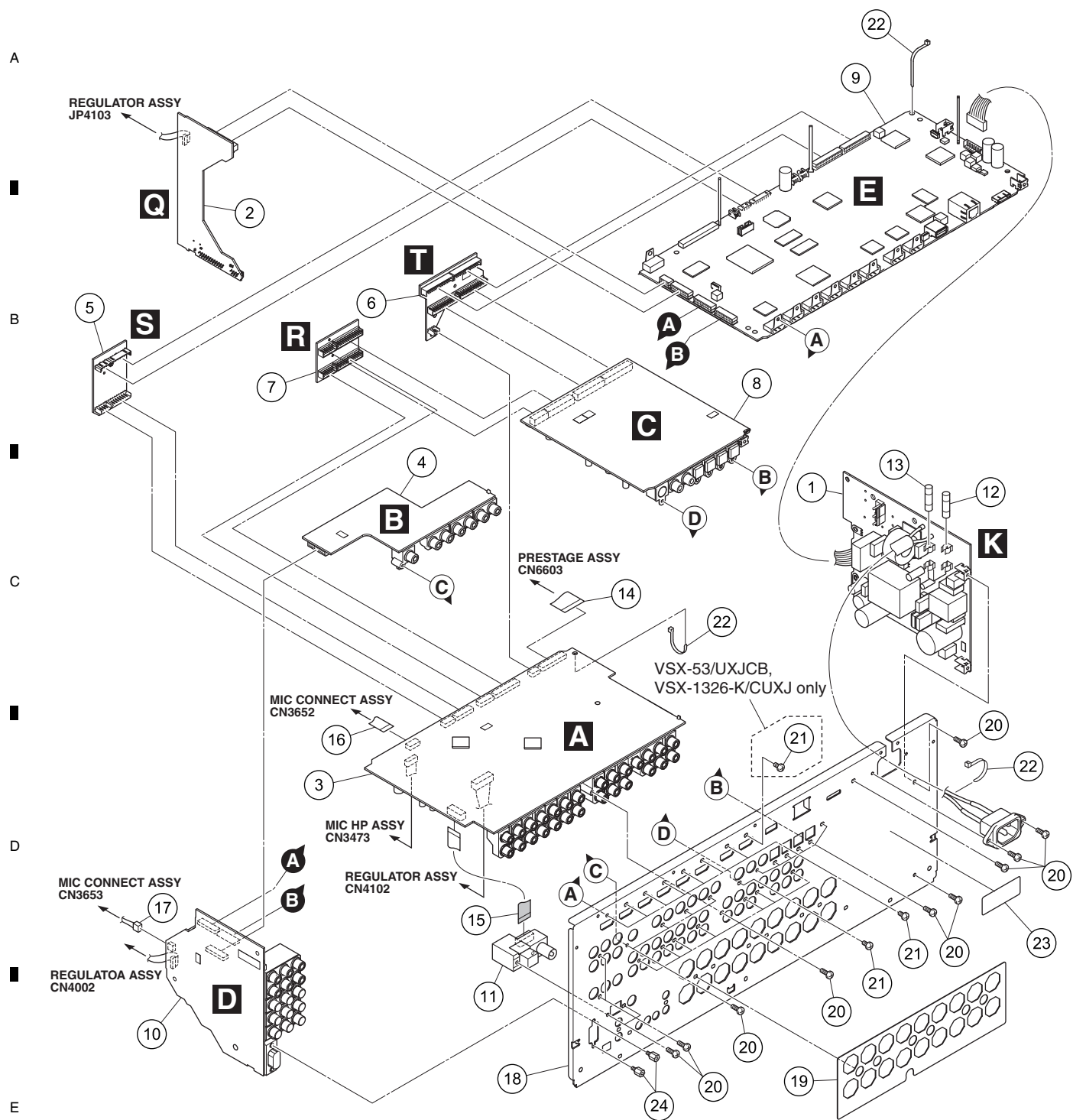
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	
	1	REGULATOR ASSY	AWX9774	NSP	26	Panel Stay 55 (MTL)	ANG7722	
	2	PRESTAGE ASSY	AWX9775		27	Right Angle 55 (MTL)	ANG7723	A
	3	USB RECT ASSY	AWX9776	NSP	28	Heat Sink 55 (AL)	ANH7243	
	4	BIND R FRONT ASSY	AWX9778		29	FFC Cushion	AEB7404	
	5	BIND L BACK ASSY	AWX9779		30	Insulator	See Contrast table (2)	
	6	BIND DISP FFC ASSY	AWX9780		31	Push Rivet	AEC7071	
NSP	7	FFC GUARD ASSY	AWX9777		32	Nylon Rivet	AEC7406	
NSP	8	FFC GUARD 2 ASSY	AWX9892		33	Locking Card Spacer 18	AEC7492	
	9	POSI 1 ASSY	AWX9879		34	Wire Saddle (PLS)	AEC7501	
	10	POSI 2 ASSY	AWX9882		35	Spacer/PCB	AEC7652	
	11	POSI 3 ASSY	AWX9884		36	Cord Clamper/NIP	AEC7655	B
	12	POWER AMP ASSY	See Contrast table (2)		37	Mica Sheet V5SEL	AEE7068	
	13	BIND L FRONT ASSY	AWX9891		38	Cushion Circle 14B	AED7081	
NSP	14	BIND R BACK ASSY	AWX9586		39	Cushion 11X7	AED7092	
	15	MIC CONNECT ASSY	AWX9772		40	Screw	See Contrast table (2)	
	⚠	16 Power Transformer	ATS7442		41	Sems Screw 3X19 (FE)	ABA7085	
	⚠	17 Fuse (FU6, FU7 : 1.25A)	REK1143		42	Screw 4X12 (FE)	ABA7109	
	⚠	18 Fuse (FU8, FU9 1.6A)	REK1144		43	Screw	BBT30P100FCC	
	⚠	19 Fuse (FU10 : 4A)	REK1149		44	Screw	BBZ30P080FCC	
NSP	20	Under Base 55 (MTL)	ANA7237		45	Screw	BBZ30P080FTB	C
	21	Bonnet 55 (BOX)	AZN8051		46	Screw	BCZ40P060FTB	
NSP	22	Primary Angle 56 (FE)	ANG7526	NSP	47	Binder (BK-1)	ZCA-BK1	
	23	H.S. Angle V5S L (MTL)	ANG7611					
	24	H.S. Angle V5S R (MTL)	ANG7612					
	25	Trans Frame 55 (MTL)	ANG7686					

(2) CONTRAST TABLE

VSX-53/UXJCB, VSX-1326-K/CUXJ, VSX-52/UXJCB, VSX-1126-K/CUXJ and VSX-1121-K/UXJCB are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-53/UXJCB	VSX-1326-K/ CUXJ	VSX-52/UXJCB	VSX-1126-K/ CUXJ	VSX-1121-K/ UXJCB
	12	POWER AMP ASSY	AWX9886	AWX9886	AWX9889	AWX9890	AWX9890
	30	Insulator	AMR7198	AMR7198	AMR7198	AMR7198	PNW2766
	40	Screw	ABA1193	ABA1193	BBZ30P080FTB	BBZ30P080FTB	BBZ30P080FTB

9.3 REAR SECTION



(1) REAR SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	PRIMARY ASSY	AWX9786	16	7P FFC (J0054)	ADD7750
2	CONNECT ASSY	AWX9878	17	3P Housing ASSY	ADX7763
3	AUDIO ASSY	See Contrast table (2)	18	Rear Panel (MTL)	See Contrast table (2)
4	COMPOSITE ASSY	AWX9768	19	SP Sheet 55 (PC)	AEC7647
5	D-AUDIO BRIDGE ASSY	AWX9769	20	Screw	BBZ30P080FTB
6	D-DAC BRIDGE ASSY	AWX9770	21	Screw	BMZ30P040FTB
7	A-DAC BRIDGE ASSY	AWX9771	NSP 22	Binder (BK-1)	ZCA-BK1
8	DAC LOW ASSY	AWX9773	23	Serial Label S	VRW2017
9	DIGITAL MAIN ASSY	See Contrast table (2)	24	Hex head Screw 2.85 X 7 (BS)	ABA7078
10	COMPONENT ASSY	AWX9864			
11	AM/FM TUNER Unit	AXX7282			
⚠ 12	Fuse (FU4 : 2A)	REK1139			
⚠ 13	Fuse (FU1 : 10A)	REK1154			
⚠ 14	19P FFC/60V (J0053)	ADD7730			
15	9P FFC (J0055)	ADD7748			

(2) CONTRAST TABLE

VSX-53/UXJCB, VSX-1326-K/CUXJ, VSX-52/UXJCB, VSX-1126-K/CUXJ and VSX-1121-K/UXJCB are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-53/UXJCB	VSX-1326-K/ CUXJ	VSX-52/UXJCB	VSX-1126-K/ CUXJ	VSX-1121-K/ UXJCB
	3	AUDIO ASSY	AWX9767	AWX9767	AWX9830	AWX9830	AWX9830
	9	DIGITAL MAIN ASSY	AWX9825	AWX9825	AWX9826	AWX9826	AWX9826
	18	Rear Panel (MTL)	ANC8612	ANC8613	ANC8619	ANC8620	ANC8621

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VSX-53

(1) FRONT SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.	
1	DISPLAY ASSY	See Contrast table (2)	21	VOL.Knob LX55 (PLS)	AAA7068	
2	POWER SW ASSY	See Contrast table (2)	22	STDBY BTN LX85 ASSY	AAD7804	A
3	ENCODER ASSY	AWX9784	23	Filter (PC)	See Contrast table (2)	
4	MIC HP ASSY	AWX9785	24	Display Panel	See Contrast table (2)	
5	VOL ASSY	AWX9788	25	Power Ring LX85 (PLS)	AAK8571	
6	FRONT HDMI USB ASSY	AWX9897	26	VOL Stabilizer LX85	AEC7644	
7	9P FFC	ADD7748	NSP 27	Panel Base 55U (PLS)	AMB8041	
8	5P FFC (J0057)	ADD7749	28	Front Panel	See Contrast table (2)	
9	39P FFC (J0056)	ADD7751	29	PIONEER Badge	See Contrast table (2)	
⚠ 10	HDMI CONN-Cable (J0052)	ADX7761	30	Screw	BBZ30P080FTB	
11	5P Housing ASSY (J0058)	ADX7768	31	Screw	BPZ30P080FNI	B
12	Ring	ABH7213	32	Nut	NK90FTC	
13	Door Panel (PLS)	See Contrast table (2)				
14	Door Spring (SUS)	ABK7061				
15	Cushion Circle 6B	AED7083				
16	Cushion 11X7	AED7092				
17	Door Shaft 60 (PLS)	AMR7531				
18	Door Base 85 (PLS)	AMR7565				
19	Door Plate LX55 (MTL)	ANG7682				
20	Damper ASSY (240) LX	AXA7156				C

(2) CONTRAST TABLE

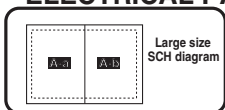
VSX-53/UXJCB, VSX-1326-K/CUXJ, VSX-52/UXJCB, VSX-1126-K/CUXJ and VSX-1121-K/UXJCB are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-53/UXJCB	VSX-1326-K/ CUXJ	VSX-52/UXJCB	VSX-1126-K/ CUXJ	VSX-1121-K/ UXJCB
	1	DISPLAY ASSY	AWX9782	AWX9839	AWX9782	AWX9839	AWX9839
	2	POWER SW ASSY	AWX9783	AWX9900	AWX9783	AWX9900	AWX9900
	13	Door Panel (PLS)	AAN7237	AAN7235	AAN7237	AAN7235	AAN7236
	23	Filter (PC)	AAK8443	AAK8459	AAK8443	AAK8459	AAK8459
	24	Display Panel	AAK8567	AAK8573	AAK8567	AAK8573	AAK8573
	28	Front Panel	ANB7572	ANB7574	AMB8035	AMB8037	AMB8038
	29	PIONEER Badge	VAM1159	VAM1158	VAM1159	VAM1158	YAM1005

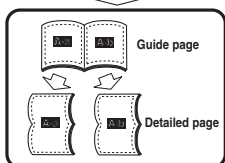
10. SCHEMATIC DIAGRAM

10.1 AUDIO ASSY(1/3)(GUIDE PAGE)

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



A-a 1/3



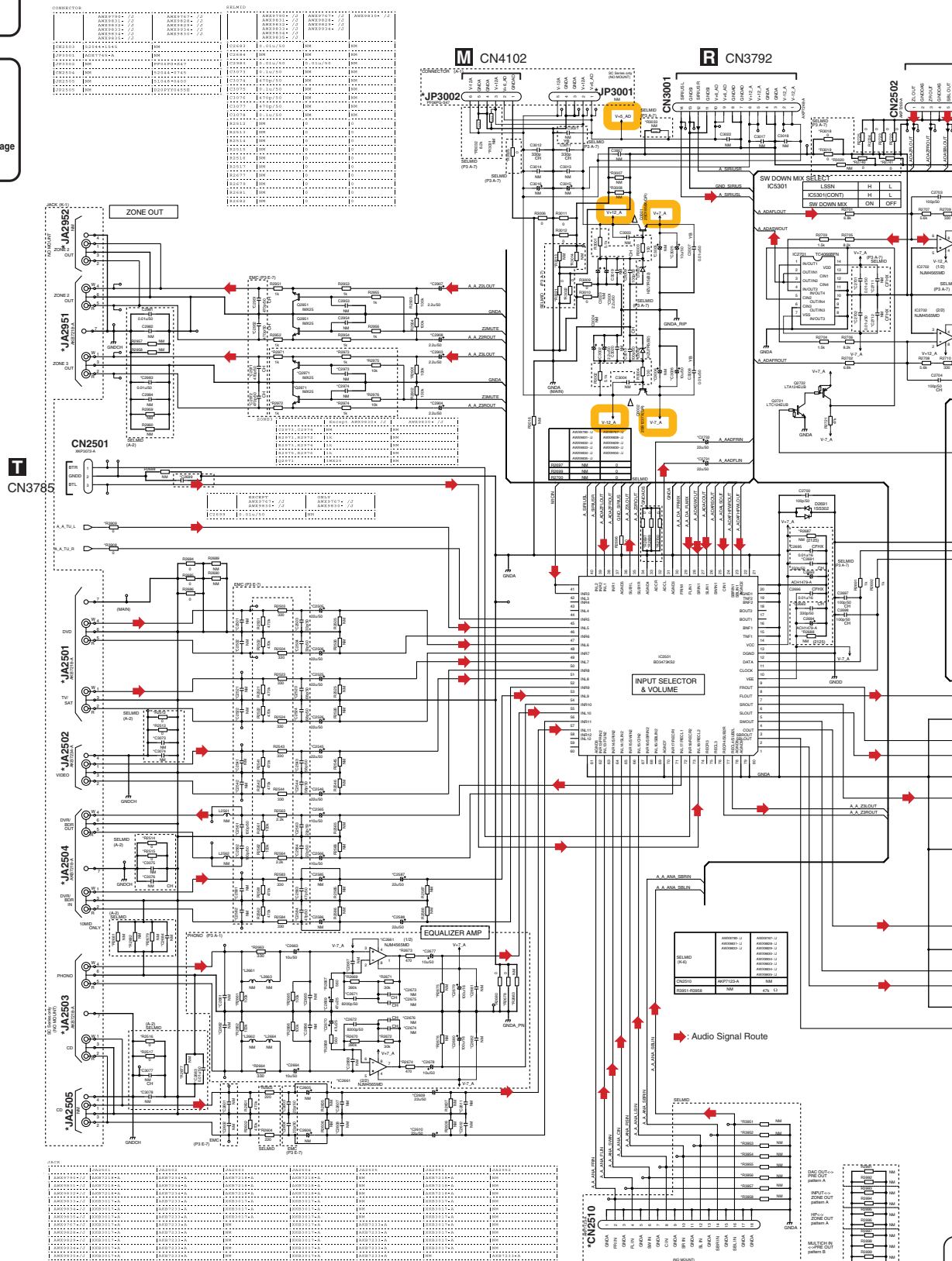
B

C

D

E

F



A1/3

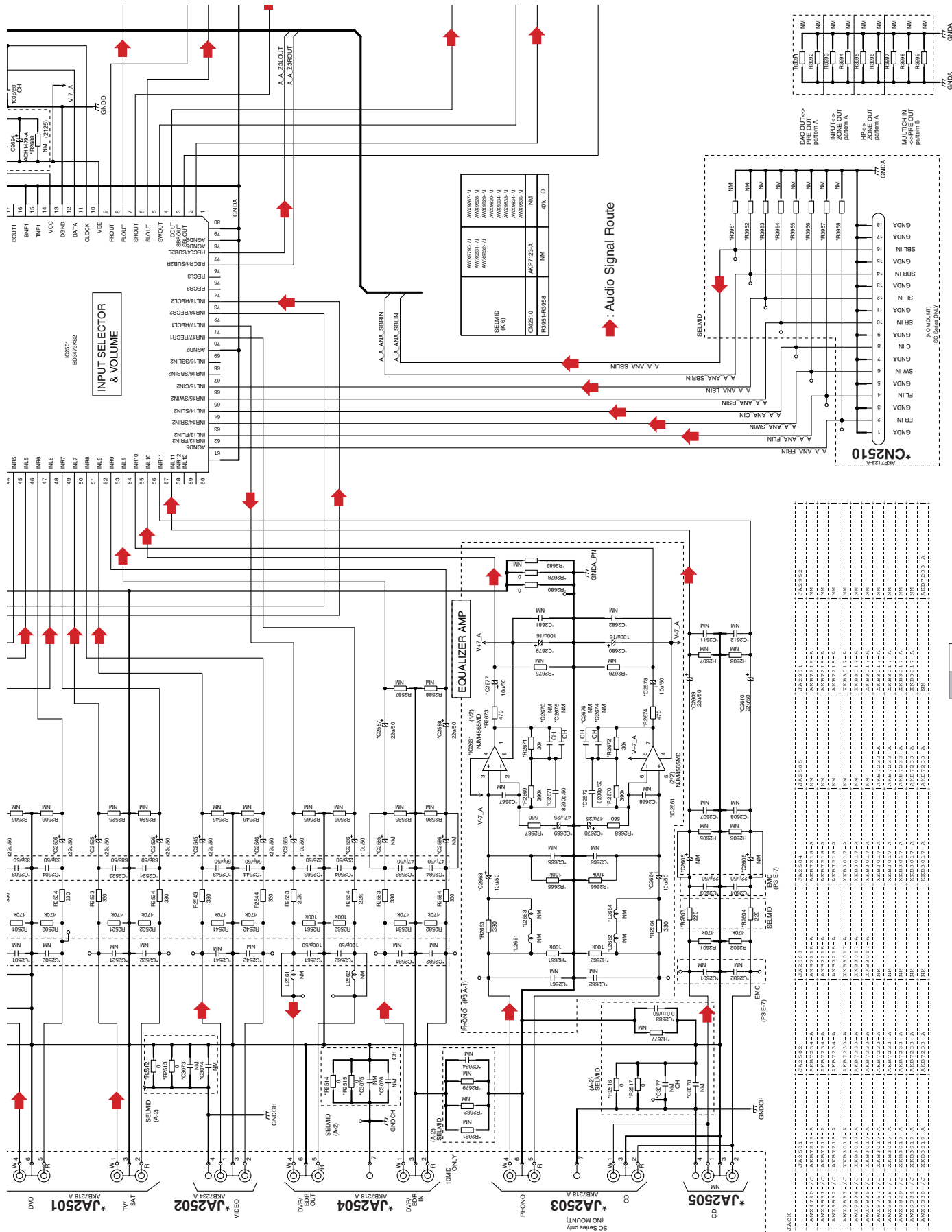
A-b 1/3

R CN3794





A-a	A-b
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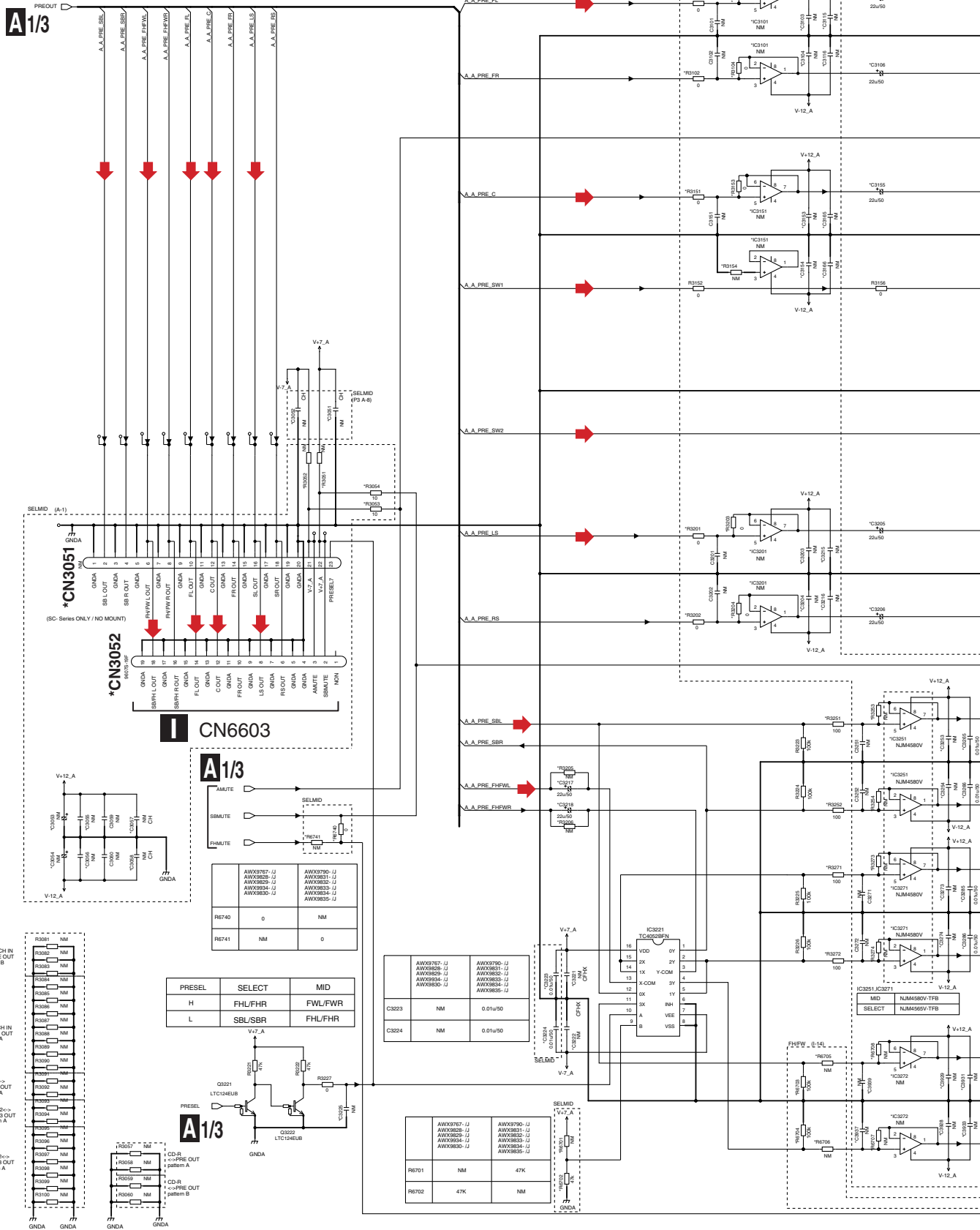
A-a Ab

A
B
C
D
E
F

10.2 AUDIO ASSY(2/3)

SELMD	AWX9790- /J	AWX9811- /J	AWX9832- /J	AWX9833- /J	AWX9834- /J	AWX9835- /J	AWX9767- /J	AWX9828- /J	AWX9830- /J	AWX9833- /J	AWX9834- /J	AWX9835- /J
C3053	ACD1480-A	ACD1480-A	ACD1480-A	ACD1480-A	ACD1480-A	ACD1480-A	NM	NM	NM	NM	NM	NM
C3054	ACD1480-A	ACD1480-A	ACD1480-A	ACD1480-A	ACD1480-A	ACD1480-A	NM	NM	NM	NM	NM	NM
C3055	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	NM	NM	NM	NM	NM	NM
C3056	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	NM	NM	NM	NM	NM	NM
C3057	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
C3058	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
R3051	0	0	0	0	0	0	NM	NM	NM	NM	NM	NM
R3052	0	0	0	0	0	0	NM	NM	NM	NM	NM	NM
R3053	NM	NM	NM	NM	NM	NM	10	10	10	10	10	10
R3054	NM	NM	NM	NM	NM	NM	10	10	10	10	10	10
R3055	NM	NM	NM	NM	NM	NM	10	10	10	10	10	10
C3059	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	NM	NM	NM	NM	NM	NM
C3060	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	NM	NM	NM	NM	NM	NM
R3061	0	0	0	0	0	0	NM	NM	NM	NM	NM	NM
R3062	0	0	0	0	0	0	NM	NM	NM	NM	NM	NM
R3063	NM	NM	NM	NM	NM	NM	10	10	10	10	10	10
R3064	NM	NM	NM	NM	NM	NM	10	10	10	10	10	10
R3065	NM	NM	NM	NM	NM	NM	10	10	10	10	10	10
C3066	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	NM	NM	NM	NM	NM	NM
C3067	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50	NM	NM	NM	NM	NM	NM
R3068	0	0	0	0	0	0	NM	NM	NM	NM	NM	NM
R3069	0	0	0	0	0	0	NM	NM	NM	NM	NM	NM
R3070	NM	NM	NM	NM	NM	NM	10	10	10	10	10	10
R3071	NM	NM	NM	NM	NM	NM	10	10	10	10	10	10
R3072	NM	NM	NM	NM	NM	NM	10	10	10	10	10	10

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



component parts should be replaced
station authorized) or identical

NOTE

1. RESISTORS
Unit: k-Ω, M-MΩ or Ω unless otherwise noted.
Rated Power: 1/10W unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
2125 - RS1/8SQ
NO MARKED: RS1/10SR
2. CAPACITORS
No marked Ceramic Capacitors are CKSRYB.
No marked Electrolytic Capacitors are CEAT(VSX and VSA series)
No marked Electrolytic Capacitors are CEAK(SC series)
CH:CCSRCH CFHX:CFHX5Q unless otherwise noted.
Unit: p-pF or μuF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
1000p or less: CCSRCH, Over 1000p: CKSRYB
3. NM: No Mount

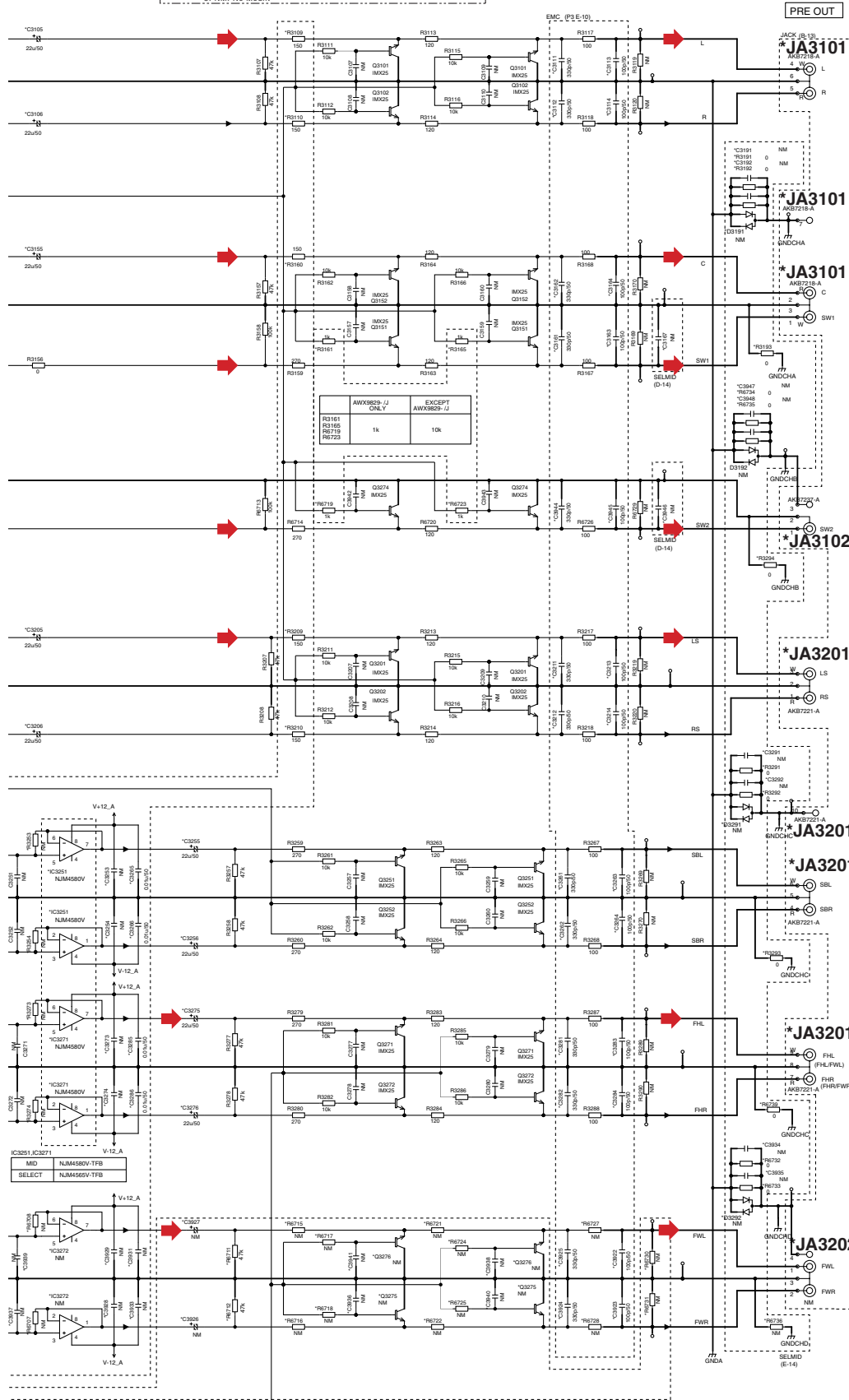
A2/3

AUDIO ASSY (2/3)

(VSX-53/VSX-1326-K

(VSX-52/VSX-1126-K/VSX-1121-K: AWWX9767)

: AWWX9767)



10.3 AUDIO ASSY(3/3)

PHONO (P1 I-2)					BMC (P1 C-2,F-2,K-2)				
	AWX9790- /J	AWX9831- /J	AWX9767- /J	AWX9829- /J		EXCEPT	ONLY	ONLY	
	AWX9832- /J	AWX9834- /J	AWX9828- /J	AWX9833- /J		AWX9831- /J	AWX9834- /J	AWX9828- /J	
	AWX9833- /J		AWX9829- /J	AWX9834- /J		AWX9831- /J	AWX9834- /J	AWX9828- /J	
	AWX9835- /J		AWX9830- /J						
C2661	NM				C2501	NM	100p/50	NM	
C2662	NM				C2502	NM	100p/50	NM	
C2663	10u/50				C2503	NM	100p/50	33p/50	
C2664	10u/50				C2504	NM	100p/50	33p/50	
C2665	NM				C2521	NM	100p/50	NM	
C2666	NM				C2522	NM	100p/50	NM	
C2667	NM				C2523	NM	100p/50	68p/50	
C2668	NM				C2524	NM	100p/50	68p/50	
C2669	47u/25				C2541	NM	100p/50	NM	
C2670	47u/25				C2543	NM	100p/50	56p/50	
C2671	8200p/50				C2544	NM	100p/50	56p/50	
C2672	8200p/50				C2561	NM	100p/50	100p/50	
C2673	1200p/50				C2562	NM	100p/50	100p/50	
C2674	1200p/50				C2563	NM	22p/50	22p/50	
C2675	1200p/50				C2564	NM	22p/50	22p/50	
C2676	1200p/50				C2581	NM	NM	NM	
C2677	10u/50				C2582	NM	NM	NM	
C2678	10u/50				C2583	NM	100p/50	47p/50	
C2679	100u/16				C2584	NM	100p/50	47p/50	
C2680	100u/16				C2601	NM	NM	NM	
C2681	NM				C2602	NM	NM	NM	
C2682	NM				C2603	NM	100p/50	22p/50	
R2661	100k				C2604	NM	100p/50	22p/50	
R2662	100k				C2951	NM	470p/50	470p/50	
R2663	330				C2952	NM	470p/50	470p/50	
R2664	330				C2953	NM	470p/50	470p/50	
R2665	100k				C2972	NM	470p/50	470p/50	
R2666	100k								
R2667	560								
R2668	560								
R2669	390k								
R2670	390k								
R2671	30k								
R2672	30k								
R2673	470								
R2674	470								
R2675	NM								
R2676	NM								
R2683	NM								
L2661	NM								
L2662	NM								
L2663	NM								
L2664	NM								
L2665	NM								
IC2661	ICM4565SD								
	ICM4565SD								
TUNER (P1 J-13)					PREBUFFER (P2 B-6)				
	AWX9790- /J	AWX9831- /J	AWX9767- /J	AWX9829- /J		AWX9790- /J	AWX9767- /J		
	AWX9832- /J	AWX9834- /J	AWX9828- /J	AWX9833- /J		AWX9831- /J	AWX9828- /J		
	AWX9833- /J		AWX9834- /J	AWX9835- /J		AWX9832- /J	AWX9829- /J		
	AWX9835- /J		AWX9830- /J			AWX9833- /J	AWX9834- /J		
			AWX9831- /J			AWX9834- /J	AWX9830- /J		
C3901	NM				C3101	NM	0.01u/16		
C3902	NM				C3104	NM	0.01u/16		
C3903	100u/16				C3115	NM	NM		
C3904	0.01u/50				C3116	NM	NM		
C3905	0.1u/50				C3153	NM	0.01u/16		
C3906	100u/16				C3154	NM	0.01u/16		
C3907	0.01u/50				C3166	NM	NM		
C3908	10p/50				C3203	NM	0.01u/16		
C3909	330p/50				C3204	NM	0.01u/16		
C3910	NM				C3215	NM	NM		
C3911	10p/50				C3216	NM	0.01u/16		
C3912	10p/50				C3253	NM	0.01u/16		
C3913	10p/50				C3254	NM	0.01u/16		
C3914	100p/50				C3265	NM	0.01u/50		
C3915	10p/50				C3266	NM	0.01u/50		
C3916	10p/50				C3273	NM	0.01u/16		
C3917	10p/50				C3285	NM	0.01u/50		
C3918	0.1u/50				C3286	NM	0.01u/50		
R3901	0				C3928	NM	0.01u/16		
R3902	0				C3929	NM	0.01u/16		
R3903	0				C3933	NM	NM		
R3904	2.2k				C3937	NM	NM		
R3905	1M				C3939	NM	NM		
R3906	1M				R3101	100	0		
R3907	0				R3102	100	0		
R3911	NM				R3104	NM	0		
R3912	NM				R3109	270	150		
R3913	NM				R3110	270	150		
R3914	3.3k				R3151	100	0		
R3915	3.3k				R3154	0	NM		
R3916	330				R3160	270	150		
R3917	0				R3201	100	0		
R3918	0				R3202	100	0		
R3919	0				R3209	270	150		
R3920	NM				R3210	270	150		
R3921	NM				R3253	NM	NM		
R3922	NM				R3254	NM	NM		
R3923	NM				R3275	NM	NM		
R3924	NM				R6707	NM	NM		
R3925	NM				R6708	NM	NM		
R3926	NM				IC3101	NJM4580V	NM		
R3927	NM				IC3151	NJM4580V	NM		
R3928	NM				IC3251	NJM4580V	NJM4580V		
R3929	NM				IC3271	NJM4580V	NJM4565V		
R3930	NM				IC3272	NJM4580V	NJM4565V		
R3931	NM								
R3932	NM								
R3933	NM								
R3934	NM								
R3935	NM								
R3936	NM								
R3937	NM								
R3938	NM								
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R4001	NM								
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R4011	NM								
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R4013	NM								
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R4016	NM								
R4017	NM								
R4018	NM								
R4019	NM								
R4020	NM								
R4021	NM								
R4022	NM								
R4023	NM								
R4024	NM								
R4025	NM								
R4026									

A3/3

AUDIO ASSY (3/3)

(VSX-53/VSX-1326-K

(VSX-52/VSX-1126-K/VSX-1121-K: AWC9830)

: AWC9767)

SELVID (P1)	AWX9790- /J	AWX9831- /J	AWX9832- /J	AWX9833- /J	AWX9834- /J	AWX9835- /J	AWX9767- /J	AWX9828- /J	AWX9833- /J	AWX9834- /J	AWX9835- /J
R2687	1M	1M	1M	1M	1M	1M	NM	1M	1M	NM	NM
R2688	1.5k	1.5k	1.5k	1.5k	1.5k	1.5k	NM	1.5k	1.5k	NM	NM
R2740	NM	NM	NM	NM	NM	NM	0	0	0	0	0
R2741	NM	NM	NM	NM	NM	NM	0	0	0	0	0
R2832	10	10	10	10	10	10	0	0	0	0	0
R2833	10	10	10	10	10	10	0	0	0	0	0
R2834	10	10	10	10	10	10	0	0	0	0	0
R2835	10	10	10	10	10	10	0	0	0	0	0
R2836	10	10	10	10	10	10	0	0	0	0	0
R2861	0	0	0	0	0	0	470	470	470	470	470
R2862	47k	47k	47k	47k	47k	47k	NM	NM	NM	NM	NM
R2863	0	0	0	0	0	0	470	470	470	470	470
R2864	47k	47k	47k	47k	47k	47k	NM	NM	NM	NM	NM
R3005	NM	NM	NM	NM	NM	NM	0	0	0	0	0
R3013	0	0	0	0	0	0	NM	NM	NM	NM	NM
R3014	0	0	0	0	0	0	NM	NM	NM	NM	NM
R3018	NM	NM	NM	NM	NM	NM	0	0	0	0	0
R3019	NM	NM	NM	NM	NM	NM	0	0	0	0	0
R3020	0	0	0	0	0	0	NM	NM	NM	NM	NM
R3021	NM	NM	NM	NM	NM	NM	0	0	0	0	0
R3022	NM	NM	NM	NM	NM	NM	0	0	0	0	0
R3031	4.7M	4.7M	470k	4.7M	4.7M	470k	NM	4.7M	13.9k	NM	NM
R3032	5.6k	5.6k	470k	5.6k	5.6k	820k	0.2k	7.5k	7.5k	0.2k	8.2k
R3033	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
R6737	0	0	0	0	0	0	10	10	10	10	10
R6738	47k	47k	47k	47k	47k	47k	47k	47k	47k	47k	47k
R6750	NM	NM	NM	NM	NM	NM	47k	47k	47k	47k	47k
R6751	NM	NM	NM	NM	NM	NM	47k	47k	47k	47k	47k
C2691	NM	NM	NM	NM	NM	NM	330p/50	330p/50	330p/50	330p/50	330p/50
C2692	NM	NM	NM	NM	NM	NM	330p/50	330p/50	330p/50	330p/50	330p/50
C2701	NM	NM	NM	NM	NM	NM	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50
C2702	NM	NM	NM	NM	NM	NM	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50
C2705	NM	NM	NM	NM	NM	NM	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50
C2706	NM	NM	NM	NM	NM	NM	0.01u/50	0.01u/50	0.01u/50	0.01u/50	0.01u/50
C2709	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	NM	NM	NM	NM	NM
C2710	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	NM	NM	NM	NM	NM
C2711	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	NM	NM	NM	NM	NM
C2712	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	0.01u/16	NM	NM	NM	NM	NM
C2861	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
C2862	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
C3009	NM	NM	NM	NM	NM	NM	100p/50	100p/50	100p/50	100p/50	100p/50
C3010	NM	NM	NM	NM	NM	NM	100p/50	100p/50	100p/50	100p/50	100p/50
C3949	NM	NM	NM	NM	NM	NM	10p/50	10p/50	10p/50	10p/50	10p/50
C3959	NM	NM	NM	NM	NM	NM	0.22u/25	0.22u/25	0.22u/25	0.22u/25	0.22u/25
C3960	NM	NM	NM	NM	NM	NM	0.22u/25	0.22u/25	0.22u/25	0.22u/25	0.22u/25

VOL2 (P1 B-13)

	AWX9790- /J	AWX9831- /J	AWX9767- /J	AWX9828- /J	AWX9833- /J	AWX9834- /J	AWX9835- /J
C2826	10u/50	NM	NM	NM	NM	NM	NM
C2827	10u/50	NM	NM	NM	NM	NM	NM
C2828	ACH1479-A	NM	NM	NM	NM	NM	NM
C2829	100p/50	NM	NM	NM	NM	NM	NM
C2830	100p/50	NM	NM	NM	NM	NM	NM
C2831	NM	NM	NM	NM	NM	NM	NM
C2832	100p/50	NM	NM	NM	NM	NM	NM
C2833	NM	NM	NM	NM	NM	NM	NM
C2834	0.01u/16	NM	NM	NM	NM	NM	NM
C2836	ACH1479-A	NM	NM	NM	NM	NM	NM
C3953	10u/50	NM	NM	NM	NM	NM	NM
C3954	10u/50	NM	NM	NM	NM	NM	NM
R2609	NM	NM	NM	NM	NM	NM	NM
R2610	NM	NM	NM	NM	NM	NM	NM
R2611	NM	NM	NM	NM	NM	NM	NM
R2612	1k	NM	NM	NM	NM	NM	NM
R6747	47k	NM	NM	NM	NM	NM	NM
R6748	47k	NM	NM	NM	NM	NM	NM
IC3273	BD3473K82	NM	NM	NM	NM	NM	NM
D2692	1S8302	NM	NM	NM	NM	NM	NM

EMC (P2 B-11)

	EXCEPT AWX9828- /J AWX9831- /J AWX9833- /J	ONLY AWX9828- /J AWX9831- /J AWX9834- /J	ONLY AWX9834- /J
C3111	NM	330p/50	330p/50
C3112	NM	330p/50	330p/50
C3113	NM	100p/50	100p/50
C3114	NM	100p/50	100p/50
C3115	NM	100p/50	100p/50
C3162	NM	330p/50	330p/50
C3163	NM	100p/50	100p/50
C3164	NM	100p/50	100p/50
C3211	NM	330p/50	330p/50
C3212	NM	330p/50	330p/50
C3213	NM	100p/50	100p/50
C3214	NM	100p/50	100p/50
C3261	NM	330p/50	330p/50
C3262	NM	330p/50	330p/50
C3263	NM	100p/50	100p/50
C3264	NM	100p/50	100p/50
C3281	NM	330p/50	330p/50
C3282	NM	330p/50	330p/50
C3283	NM	100p/50	100p/50
C3284	NM	100p/50	100p/50
C3925	NM	100p/50	100p/50
C3924	NM	330p/50	330p/50
C3925	NM	330p/50	330p/50
C3944	NM	330p/50	330p/50
C3945	NM	100p/50	100p/50

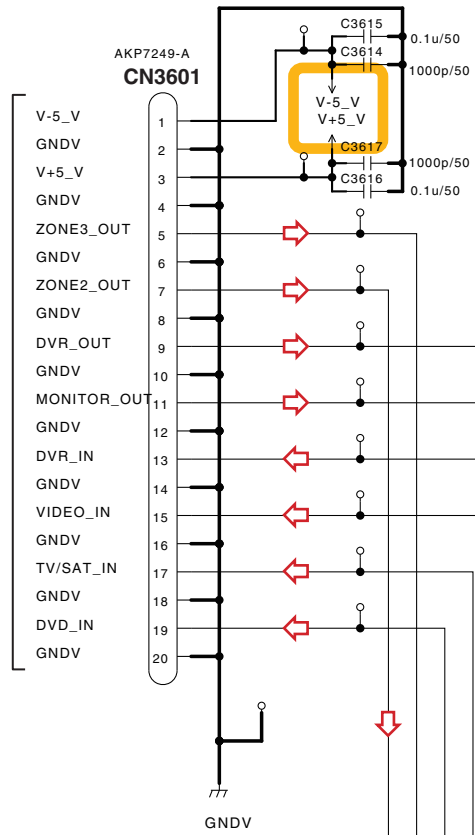
NOTE

- RESISTORS
Unit: k-Ω, M-Ω or Ω unless otherwise noted.
Rated Power: 1/10W unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
2125: RS1/85Q
NO MARKED: RS1/10SR
- CAPACITORS
No marked Ceramic Capacitors are CERSYB.
No marked Electrolytic Capacitors are CEAT(VSX and VSA series).
No marked Electrolytic Capacitors are CEAK(SO series).
CH:CCSR04 OFAK:CFHXSQ unless otherwise noted.
Unit: p-pF or u-F unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
1000p or less: CCSR04, Over 1000p: CERSYB
- NM: No Mount

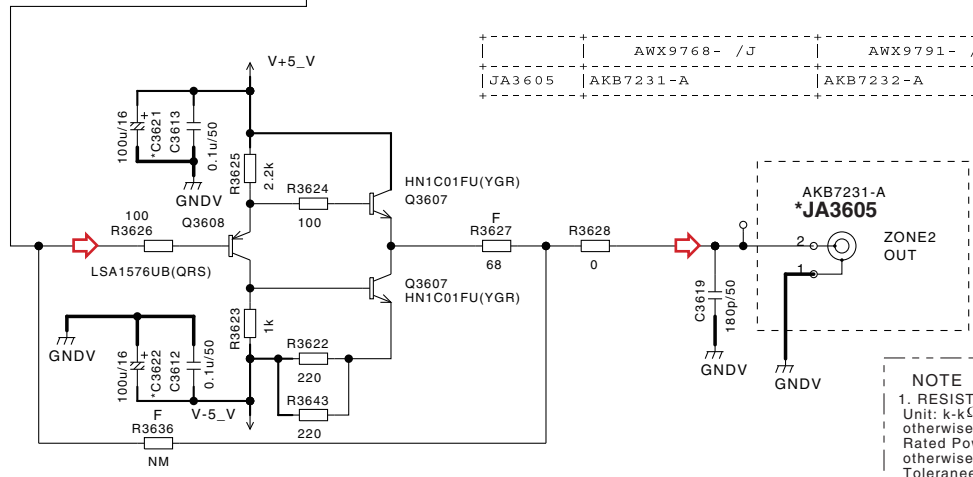
10.4 COMPOSITE ASSY

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

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



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



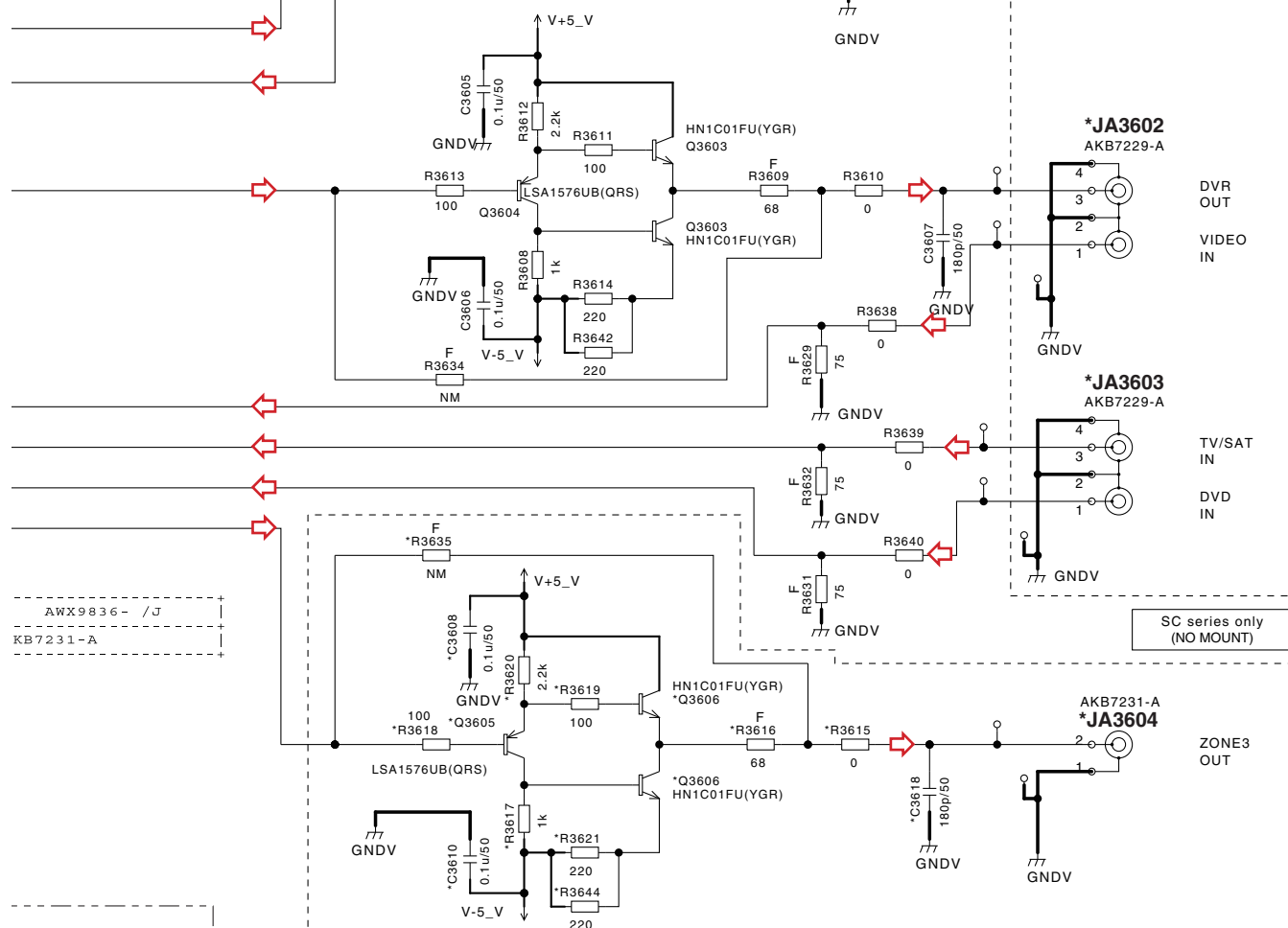
NOTE
1. RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated Power: 1/10w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
CH : CCSRYCH
NO MARKED : CKSRYB
3. NM: No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

➡: Video Signal Route

B COMPOSITE ASSY (AWX9768)

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

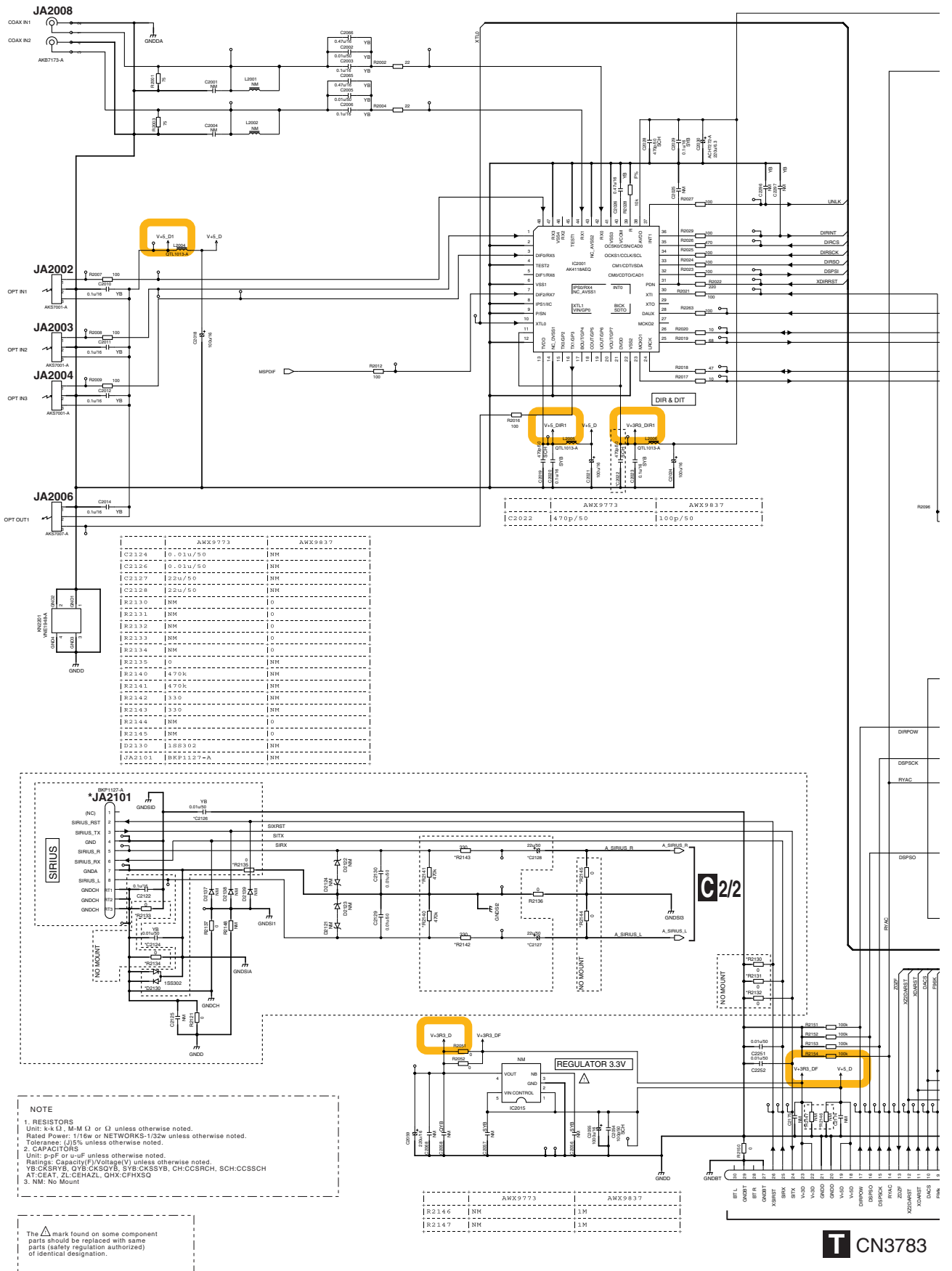
AWX9836- /J
0.1u/50
0.1u/50
180p/50
0
58
1k
100
100
2.2k
220
NM
220
AKB7231-A
LSA1576UB(QRS)
HN1C01FU(YGR)



AWX9836- /J
KB7231-A

Ω unless
unless
SS
SS
Voltage(V)
f.
B

10.5 DAC LOW ASSY(1/2)



A



C

D

E

F

T CN3781

10.6 DAC LOW ASSY(2/2)

A

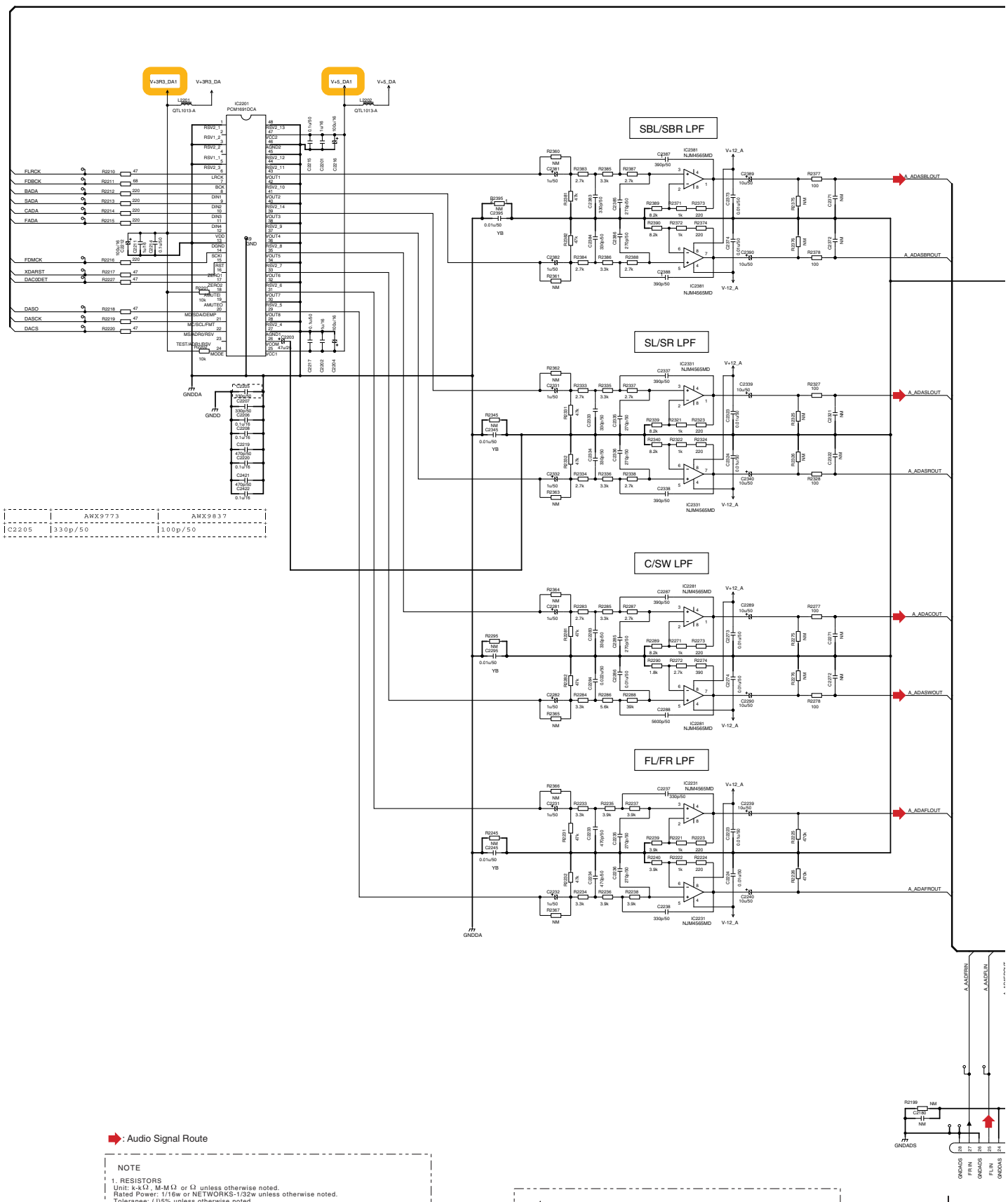
B

C

D

E

F



A



C

D

E

F

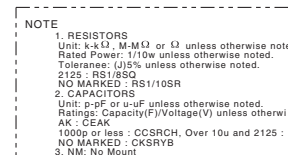
	AWX9773	AWX9837
C2405	ACH7196-A	10u/50 (CEAK)
C2406	ACH7196-A	10u/50 (CEAK)
C2407	ACH7196-A	10u/50 (CEAK)
C2408	ACH7196-A	10u/50 (CEAK)

	AWX9773	AWX9837
R2189	2.2M	4.7M
R2190	4.7M	4.7M
R2191	1M	1M

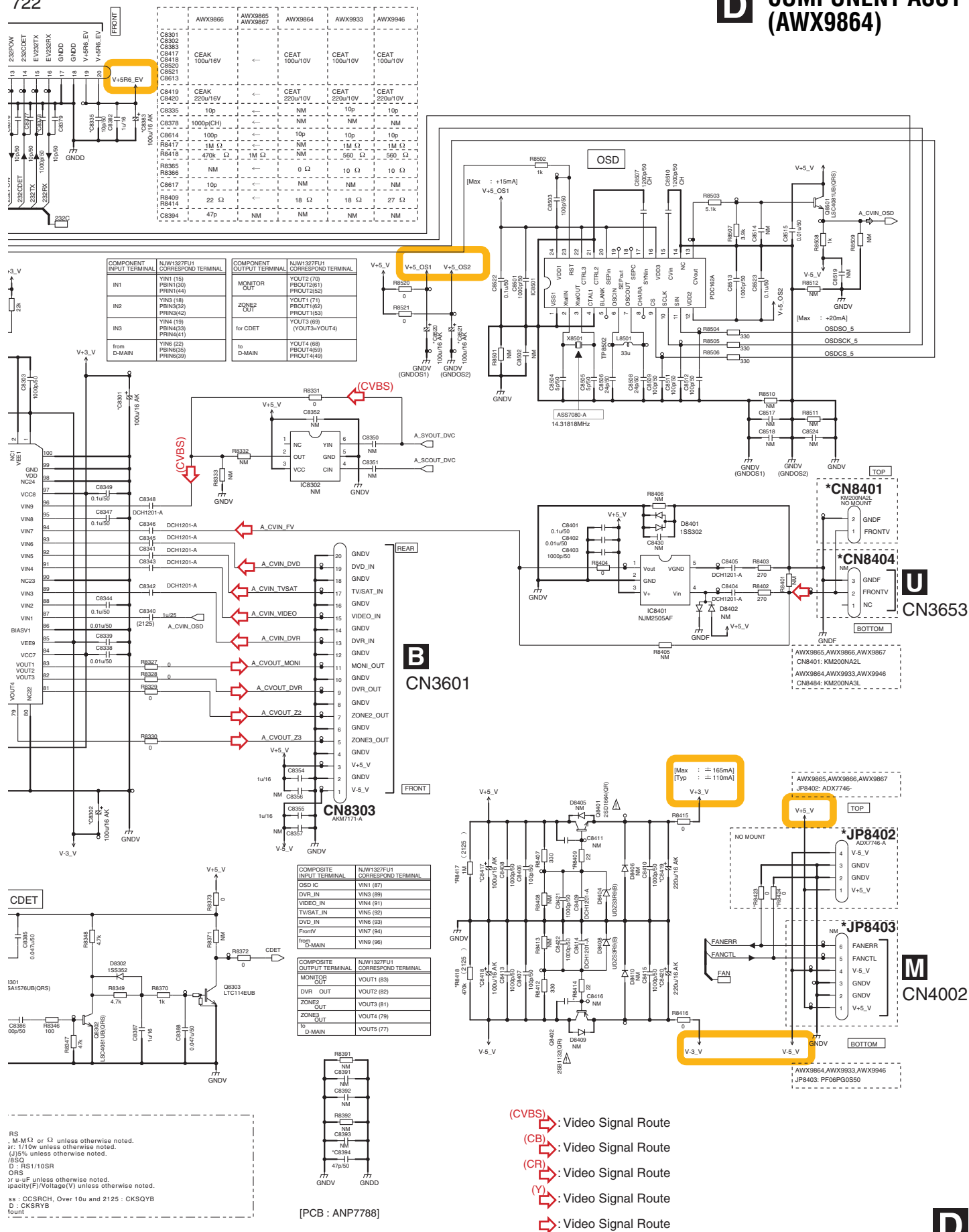
△

E 5/10 CN1722

A



D COMPONENT ASSY (AWX9864)



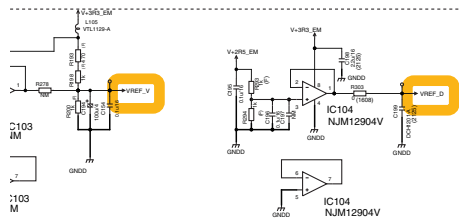
△

A

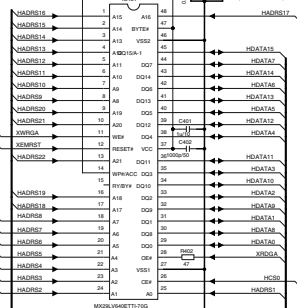


E-b 1/10

E 1/10 DIGITAL MAIN ASSY (1/10)
 (VSX-53/VSX-1326-K : AWX9825)
 (VSX-52/VSX-1126-K/VSX-1121-K : AWX9826)

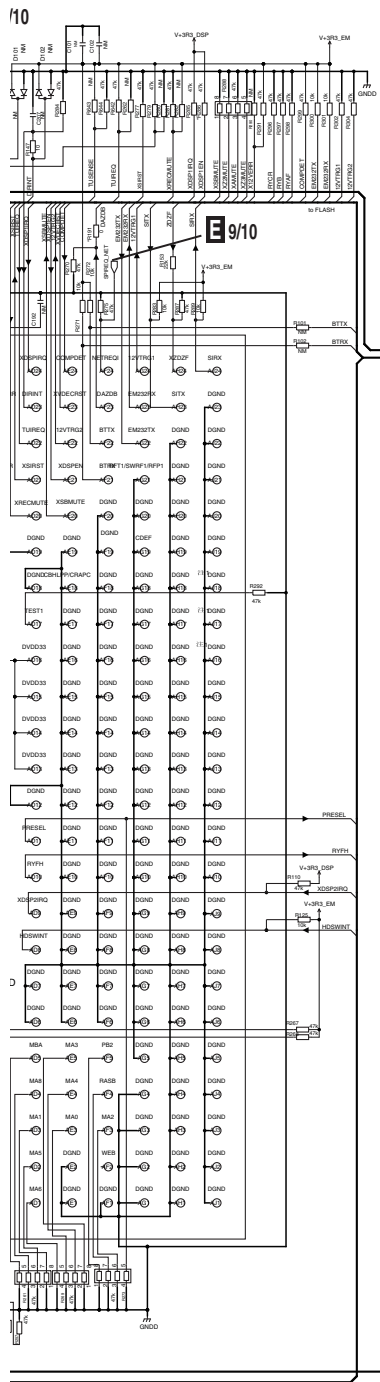


MID:AYW7354-J
 SEL:AYW7345-J

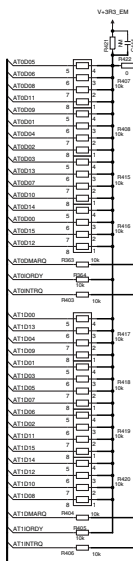


V-3R3_EM

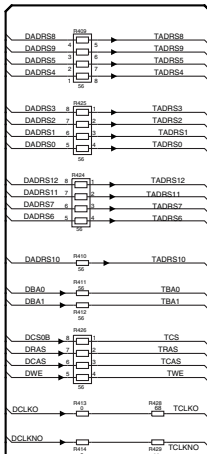
V-3R3_EM



E 9/10



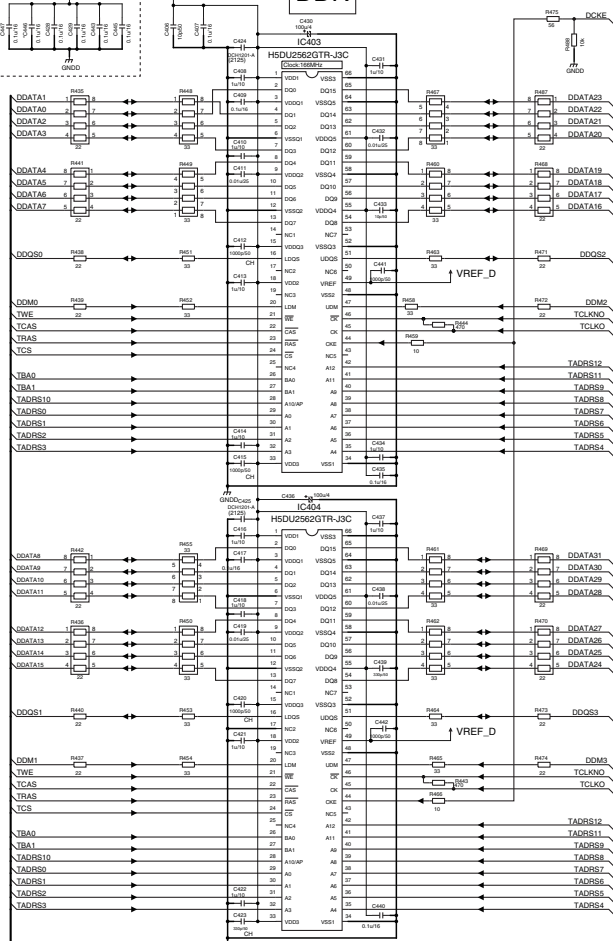
to DDR SDRAM



V-3R3_EM

V-3R3_EM

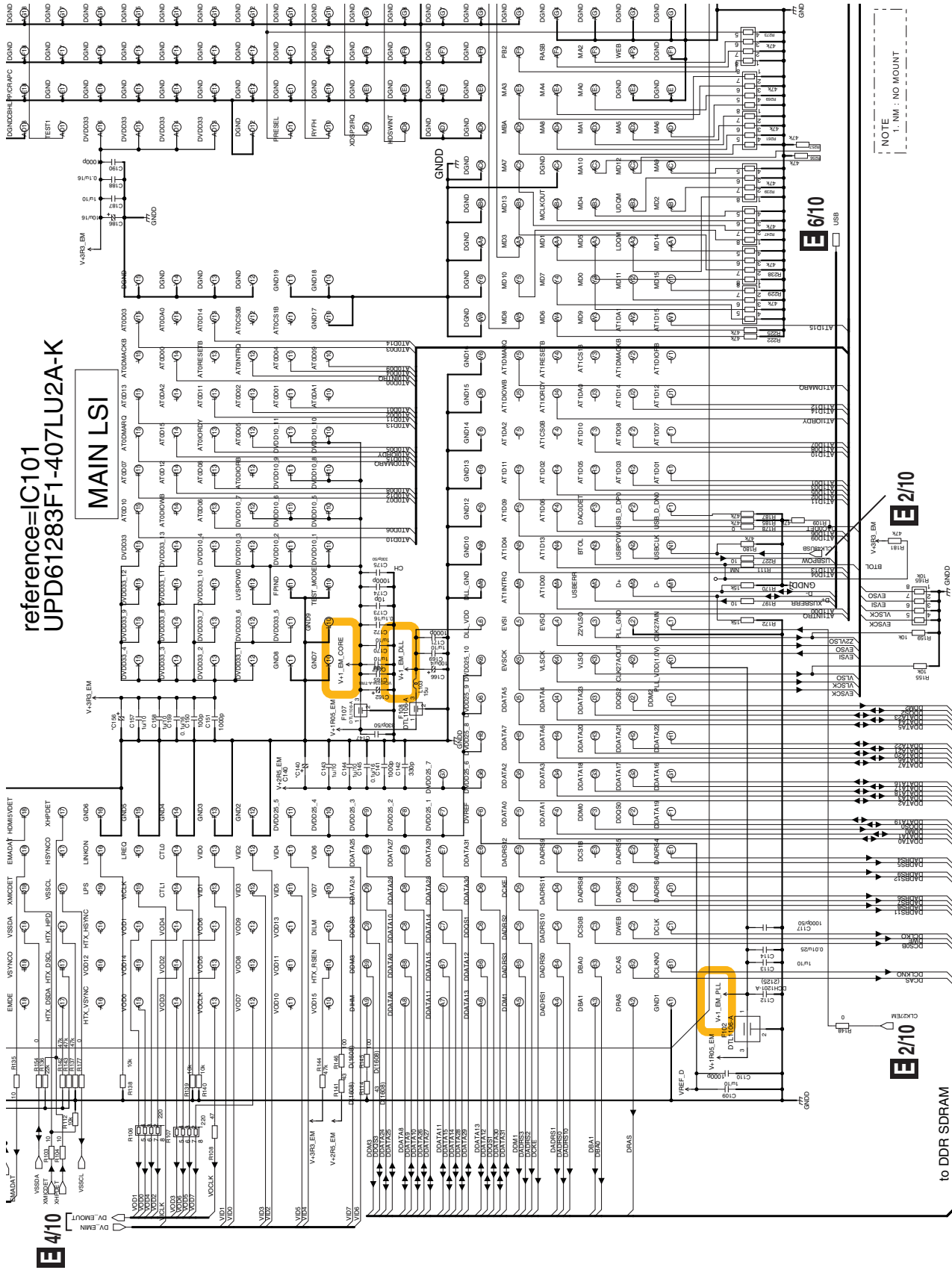
DDR



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

E 1/10





△

F

10.10 DIGITAL MAIN ASSY(3/10)

A

JA901

AKP7268-A

HDMI IN 2

Hot Plug Detect

+5V

DDO/CEC GND

SDA

SCL

NC

CEC

Clock

Clock Shield

Clock

Data0

Data0 Shield

Data1

Data1 Shield

Data2

Data2 Shield

Data2

HPD-1

SDA-1

SCL-1

R190C

R190C

R190C

R190C

R190C

R190C

R190C

R190C

R190C

R190C

R190C

R190C

R190C

R190C

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R190C

R190C

R190C

R190C

R190C

B

JA902

AKP7268-A

HDMI IN BD

Hot Plug Detect

+5V

DDO/CEC GND

SDA

SCL

NC

CEC

Clock

Clock Shield

Clock

Data0

Data0 Shield

Data1

Data1 Shield

Data2

Data2 Shield

Data2

HPD2

SDA2

SCL2

R290C

R290C

R290C

R290C

R290C

R290C

R290C

R290C

R290C

R290C

R290C

R290C

R290C

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R290C

R290C

C

JA903

AKP7268-A

HDMI IN DVD

Hot Plug Detect

+5V

DDO/CEC GND

SDA

SCL

NC

CEC

Clock

Clock Shield

Clock

Data0

Data0 Shield

Data1

Data1 Shield

Data2

Data2 Shield

Data2

HPD3

SDA3

SCL3

R390C

R390C

R390C

R390C

R390C

R390C

R390C

R390C

R390C

R390C

R390C

R390C

R390C

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R390C

R390C

R390C

R390C

R390C

R390C

R390C

R390C

D

JA904

AKP7268-A

HDMI IN DVR

Hot Plug Detect

+5V

DDO/CEC GND

SDA

SCL

NC

CEC

Clock

Clock Shield

Clock

Data0

Data0 Shield

Data1

Data1 Shield

Data2

Data2 Shield

Data2

HPD4

SDA4

SCL4

R490C

R490C

R490C

R490C

R490C

R490C

F

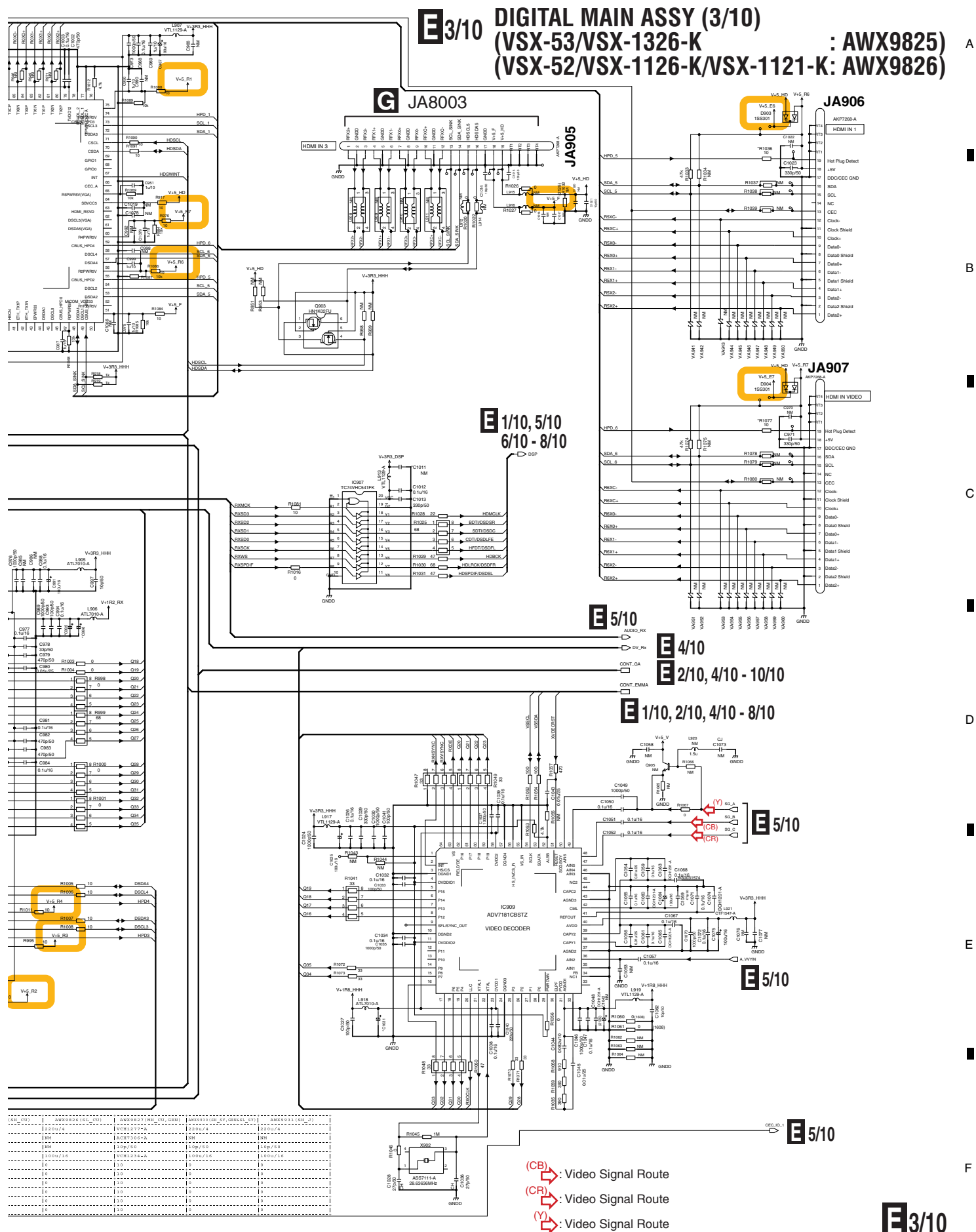
3/10

102

NOTE
1. NM: NO MOUNT

All 1u/10 is DCH1246-A.

VSX-53



E 2/10, 3/10, 5/10 - 10/10



E4/10

DIGITAL MAIN ASSY (4/10)

(VSX-53/VSX-1326-K

: AWX9825)

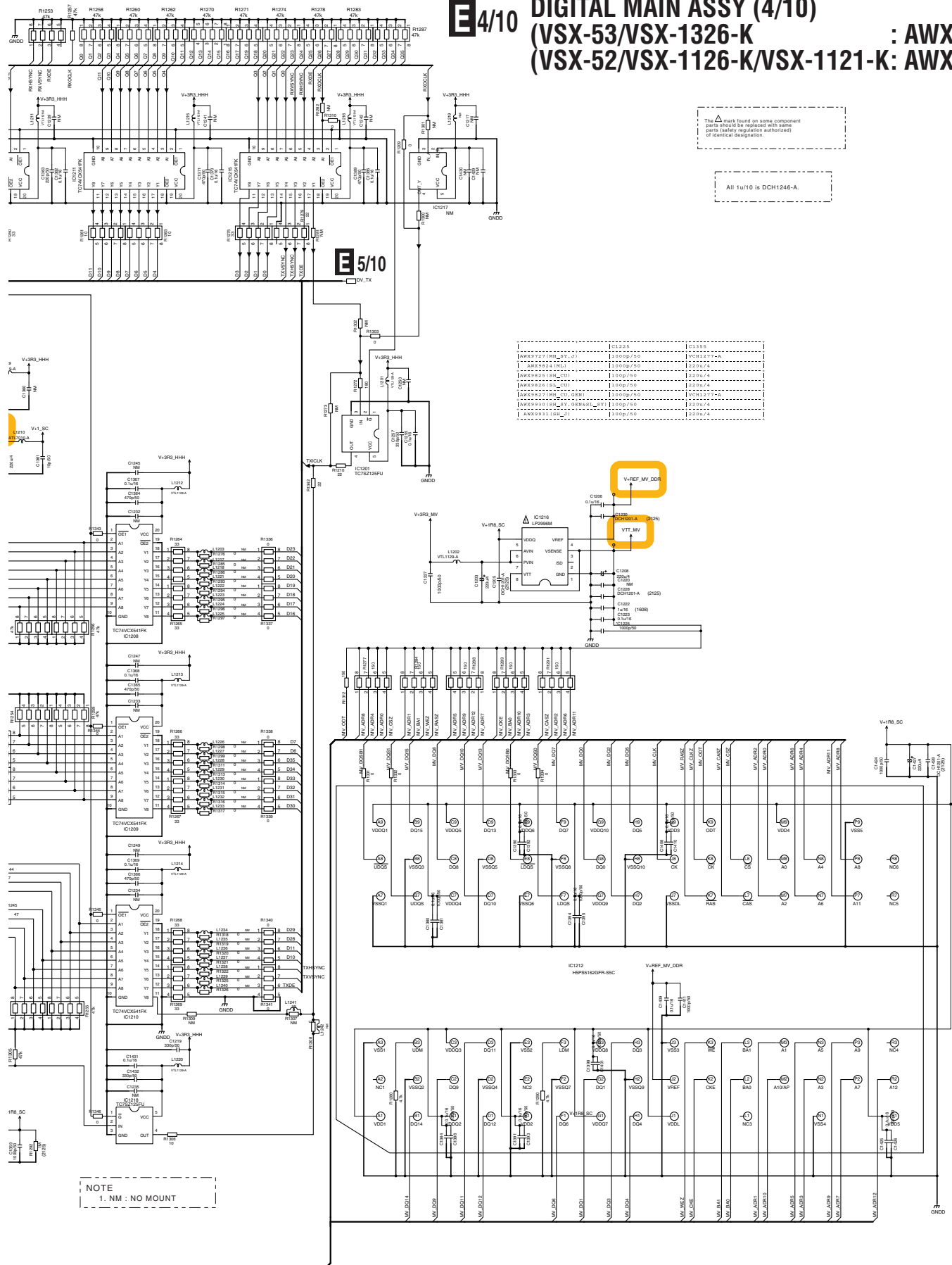
(VSX-52/VSX-1126-K/VSX-1121-K: AWX9826)

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

All 1u/10 is DCH1246-A.

E5/10

AWX9825 (100p/50)	AWX9825 (100p/50)	AWX9825 (100p/50)
AWX9825 (100p/50)	AWX9825 (100p/50)	AWX9825 (100p/50)
AWX9825 (100p/50)	AWX9825 (100p/50)	AWX9825 (100p/50)
AWX9825 (100p/50)	AWX9825 (100p/50)	AWX9825 (100p/50)
AWX9825 (100p/50)	AWX9825 (100p/50)	AWX9825 (100p/50)
AWX9825 (100p/50)	AWX9825 (100p/50)	AWX9825 (100p/50)
AWX9825 (100p/50)	AWX9825 (100p/50)	AWX9825 (100p/50)
AWX9825 (100p/50)	AWX9825 (100p/50)	AWX9825 (100p/50)
AWX9825 (100p/50)	AWX9825 (100p/50)	AWX9825 (100p/50)
AWX9825 (100p/50)	AWX9825 (100p/50)	AWX9825 (100p/50)



NOTE
1. NM: NO MOUNT

E4/10

VSX-53

106



A



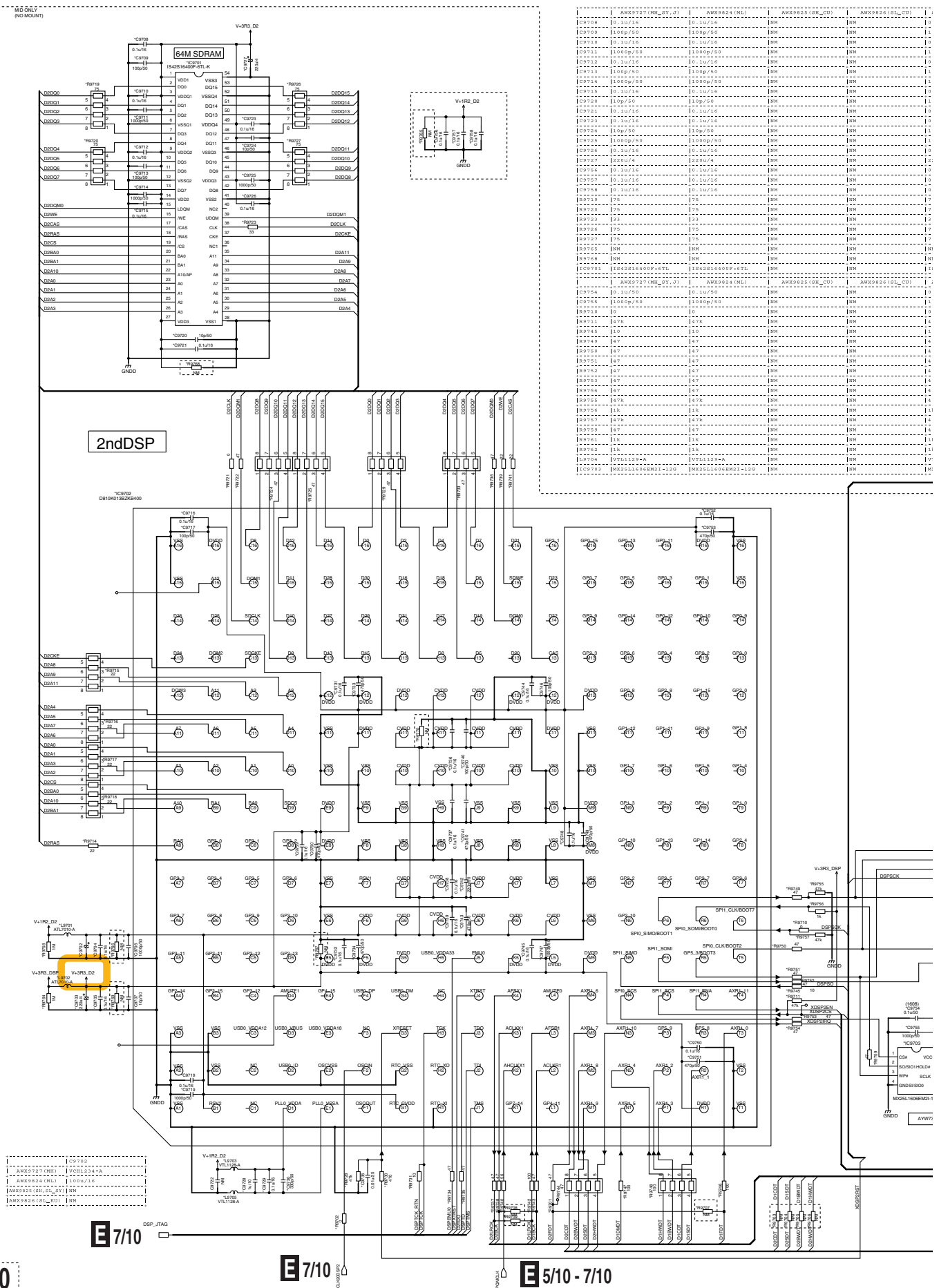
4

F

△



10.15 DIGITAL MAIN ASSY(8/10)



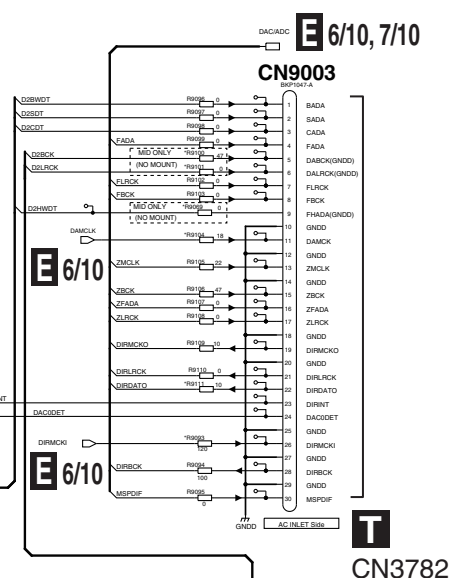
[illegible]

E 2/10 - 7/10,
9/10, 10/10

E 1/10 - 7/10

E 2/10, 5/10,
6/10, 10/10

CONT_GA

[illegible]

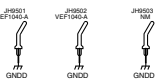
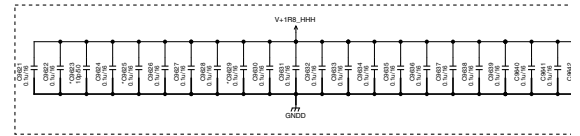
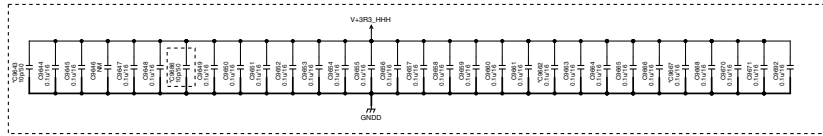
E 1/10, 3/10, 5/10 - 7/10

△



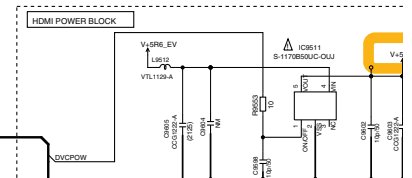
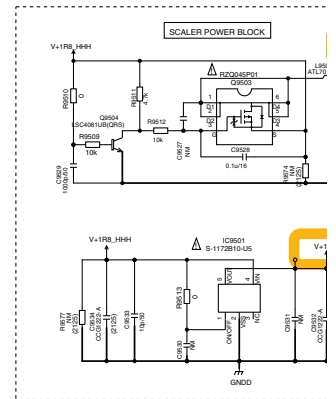
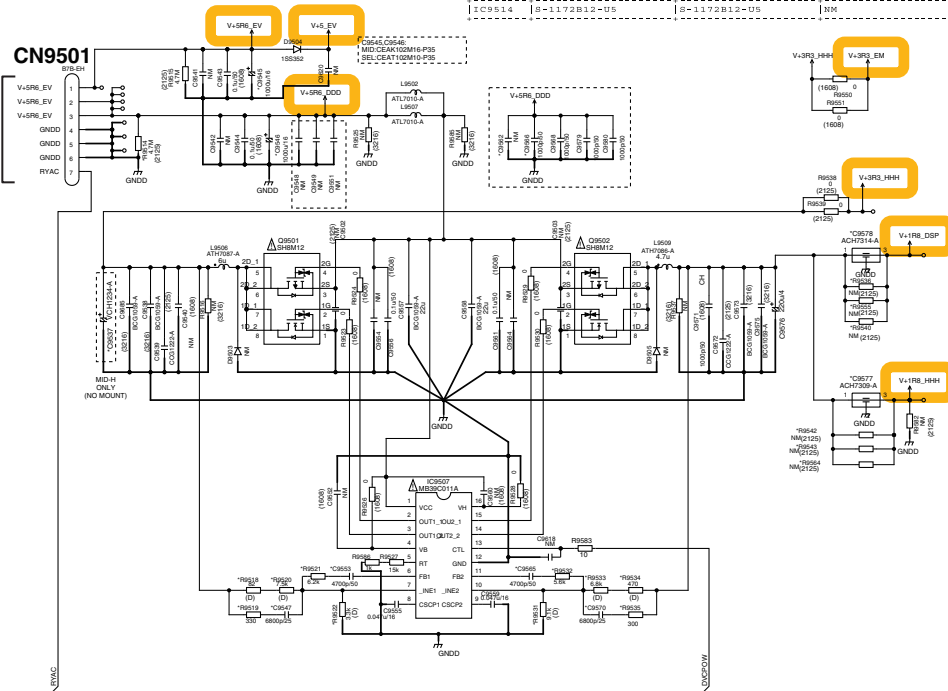
10.17 DIGITAL MAIN ASSY(10/10) and VOL ASSY

E_{10/10} DIGITAL MAIN ASSY (10/10) (VSX-53/VSX-1326-K : AWX9825) (VSX-52/VSX-1126-K/VSX-1121-K: AWX9826)



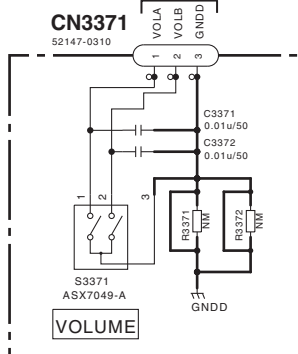
	AWX9727 (MH_ST, J)	AWX9824 (NL)	AWX9825 (SH_CU)	AWX9826 (SH_CU)	AWX9827 (MH_CU, GEN)	AWX9930 (SH_ST, SE)
C9516	10p/50	10p/50	NM	NM	10p/50	10p/50
C9518	NM	NM	NM	NM	NM	NM
C9588	0.01u/16	NM	NM	NM	0.01u/16	NM
C9593	ACH7306-A	NM	NM	NM	ACH7306-A	NM
C9608	0.01u/16	NM	NM	NM	0.01u/16	10p/50
C9677	NM	NM	NM	NM	NM	NM
C9679	CCG1222-A	CCG1222-A	NM	NM	CCG1222-A	NM
C9681	CCG1222-A	CCG1222-A	NM	NM	CCG1222-A	NM
C9682	220u/4	220u/4	NM	NM	220u/4	NM
R9505	10	10	10	10	10	10
R9517	10	10	10	10	10	10
R9541	4.7k	4.7k	NM	NM	4.7k	NM
R9591	NM	NM	NM	NM	NM	0
R9596	4.7k	4.7k	NM	NM	4.7k	NM
IC9513	S-1172B12-US	S-1172B12-US	NM	NM	S-1172B12-US	NM

K
JP51



F VOL ASSY (AWX9788)

J JH3004

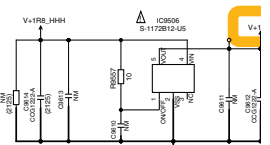
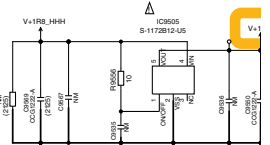


All 1u/10 is DC1248-A.

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

NOTE

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



F



10.18 FRONT HDMI USB ASSY

A

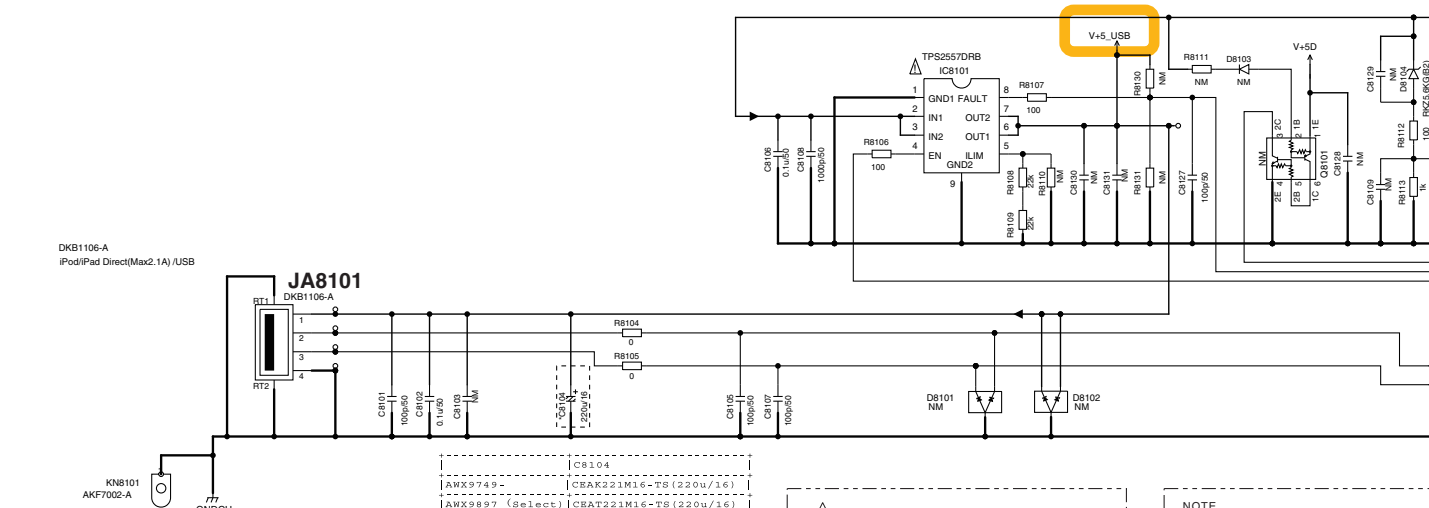
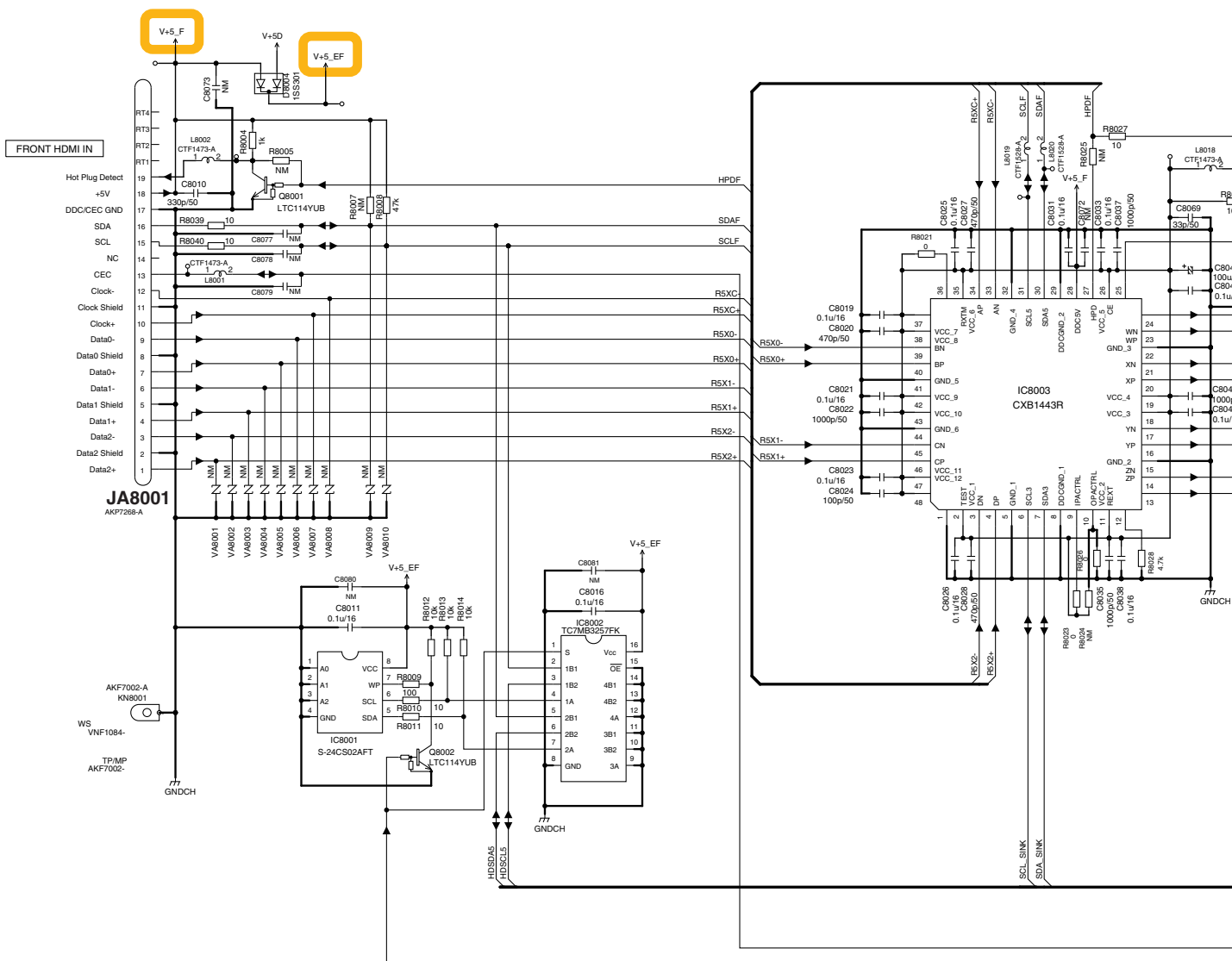
B

C

D

E

F



A



E 3/10
JA905

C

D

J CN3003

L CN3652

E

F

Ω or Ω unless otherwise noted.
16w unless otherwise noted.
μ unless otherwise noted.
Inductors are CEAT or CKSRYB or CKSSYB
CCSSCH
F unless otherwise noted.
y(F)/Voltage(V) unless otherwise noted.

10.19 POWER AMP ASSY(1/2)

A

B

C

D

E

F

H_{1/2}

120

2

3

4

SBL

SBR

FL

C

NOTE

1.RESISTORS

Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.

Rated power: 1/10W unless otherwise noted.

Tolerance: (J) $\pm 5\%$ unless otherwise noted.

1/2W LMF: RS1/2LMF, 1W LMF: RS1LMF

2.CAPACITORS

Unit: p-pF, or μ F unless otherwise not

Rated: Capacity(μ F)/Voltage(V) unless

otherwise noted.

HANP: CEHANP, CFTLA: CFTLA

NO MARKED: CKSRYB

AC SIDE
CN5210
53290-0510

GAMP 1
GAMP 2
SBL_IN1 3
SBL_IN2 4
SBL 5

AC SIDE
CN5510
53290-0510

GAMP 1
GAMP 2
SBR_IN1 3
SBR_IN2 4
SBR 5

AC SIDE
CN5010
53290-0510

GAMP 1
GAMP 2
FL_IN1 3
FL_IN2 4
FL 5

AC SIDE
CN5610
53290-0710

VH+
-VH 2
+VH 3
GAMP 4
GAMP 5
C_IN1 6
C_IN2 7

H_{2/2}

H_{2/2}

H_{2/2}

H_{2/2}

H_{2/2}

H_{2/2}

H_{2/2}

H_{2/2}

H_{2/2}

H_{2/2}

H_{2/2}

FR

SL

SR

AC SIDE
CN5310
53290-0510

GAMP 1
GAMP 2
FR_IN1 3
FR_IN2 4
FR 5

AC SIDE
CN5110
53290-0510

GAMP 1
GAMP 2
SL_IN1 3
SL_IN2 4
SL 5

AC SIDE
CN5410
53290-0510

GAMP 1
GAMP 2
SR_IN1 3
SR_IN2 4
SR 5

V+12A
V-12A
V-12A

V+12A
V-12A
V-12A

V+12A
V-12A
V-12A

V+12A
V-12A
V-12A

V+12A
V-12A
V-12A

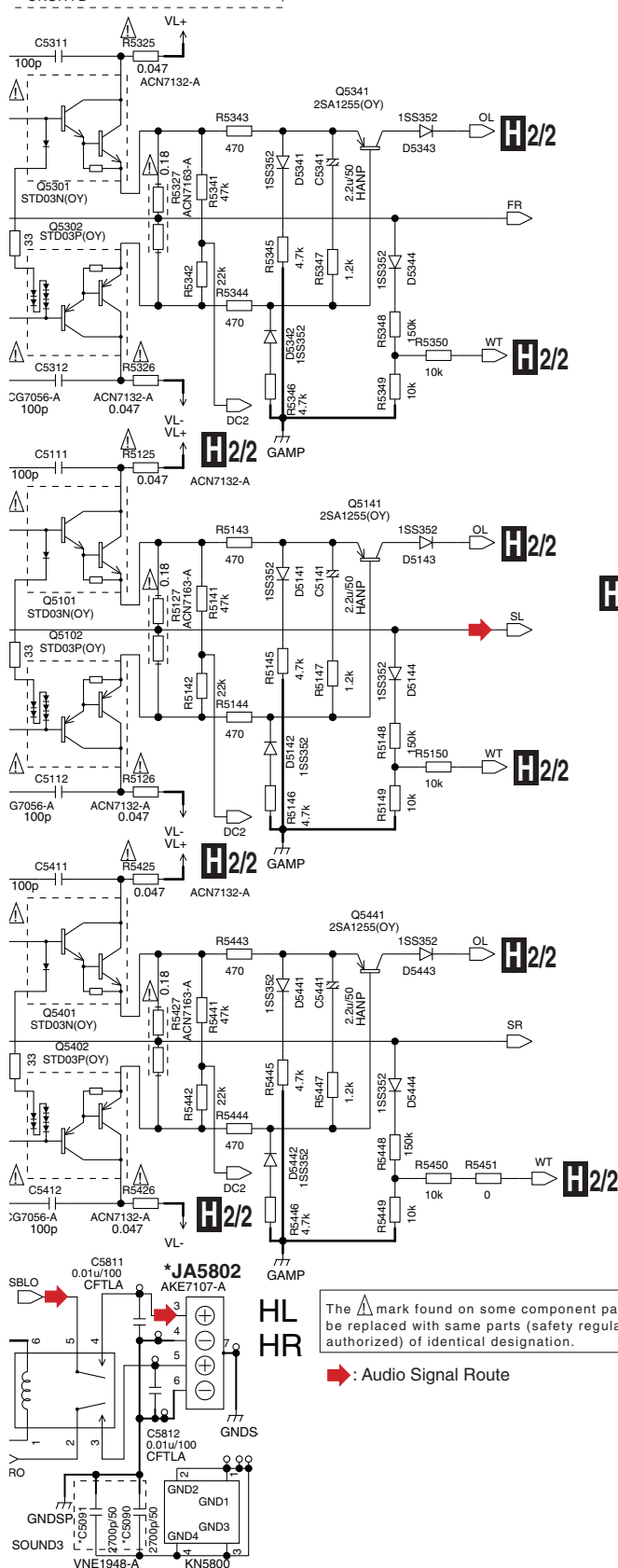
V+12A
V-12A
V-12A

V+12A
V-12A
V-12A

VSX-53

F unless otherwise noted.
y(μ F)/Voltage(V) unless

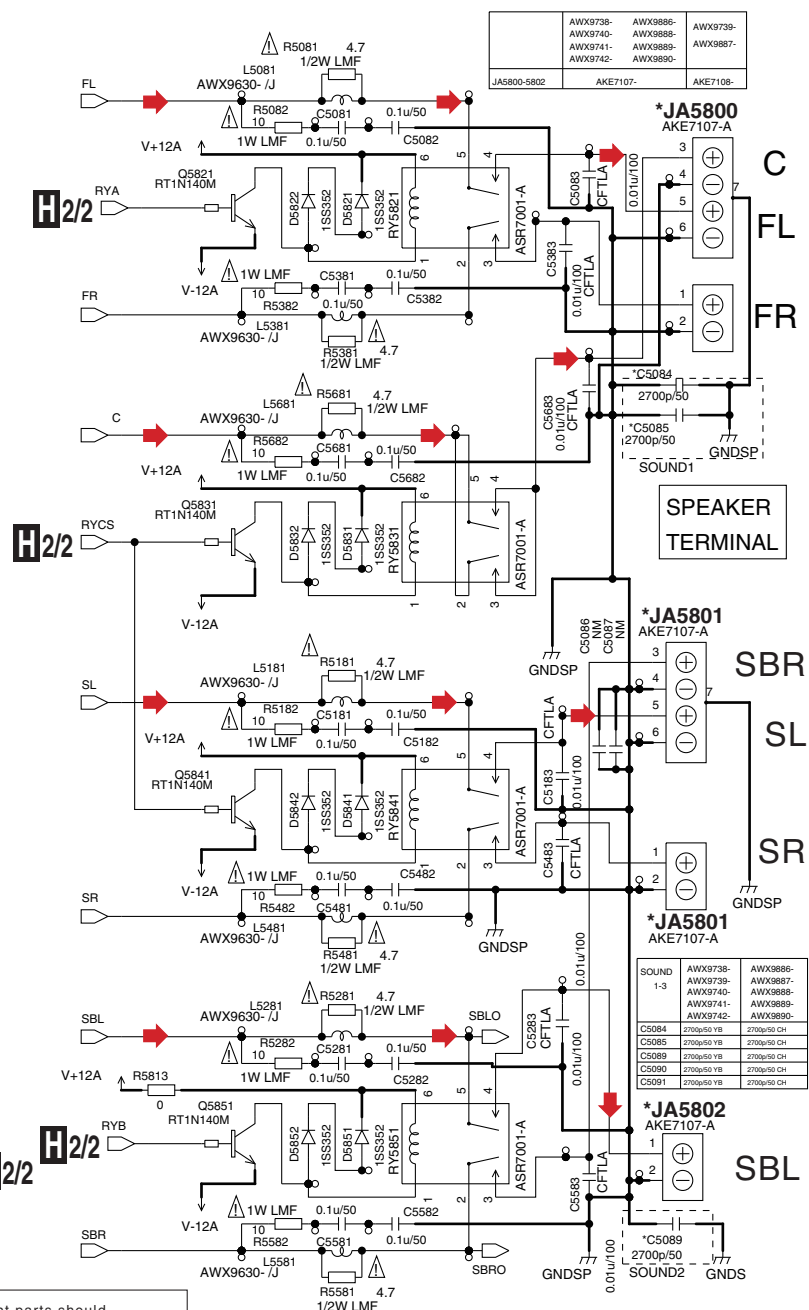
P₁ CFTLA : CFTLA
: CKSRYB



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

➔ : Audio Signal Route

1/2 POWER AMP ASSY (1/2) **(VSX-53/VSX-1326-K : AWX9886)** **(VSX-52 : AWX9889)** **(VSX-1126-K/VSX-1121-K : AWX9890)**



1/2

10.20 POWER AMP ASSY(2/2)

IR_IN2

	AWX9538, AWWX9739, AWWX9740, AWWX9886, AWWX9887, AWWX9888	AWX9741, AWWX9742, AWWX9889, AWWX9890
C5932	0.01u/50	NM
C5934	0.015u/50	NM
R5931	NM	0
R5933	6.2k	NM
R5939	100k	NM
R5947	0	NM
L5933	QTL1013-A	NM
D5935	MC2848-11	NM
JA5811	4.7k	NM
Q5865	RT3T22M	NM

12V_TRG

	AWX9738- AWWX9739- AWWX9740- AWWX9741-	AWX9742-	AWX9886- AWWX9888- AWWX9887- AWWX9889-	AWX9890-
C5951	0.1u/16	NM	0.1u/16	NM
C5953, C5954	0.01u/50	NM	0.01u/50	NM
C5955	1000p/50	NM	1000p/50	NM
C5957	4700p/50	NM	4700p/50	NM
R5951, R5952	10k	NM	10k	NM
R5953, R5954, R5955, R5963	12	NM	12	NM
R5956, R5957, R5958, R5959	4.7k	NM	4.7k	NM
R5960, R5961, R5962, R5964, R5965, R5966	0	NM	0	NM
L5951	ATL7002-A	NM	ATL7002-A	NM
JA5807	AKN-209-A	NM	AKN-209-A	NM
Q5951, Q5953, Q5955	LTC124EUB	NM	LTC124EUB	NM
Q5952, Q5954, Q5956	LSA1576UB(QR)	NM	LSA1576UB(QR)	NM
Q5957, Q5958	NM	NM	LSA1576UB(QR)	LSA1576UB(QR)

VL

D571
Q57
RY5
JV5K
JV5K

VL_1

VL_2

VL_3

VL_4

VL_5

VL_6

VL_7

VL_8

VL_9

VL_10

VL_11

VL_12

VL_13

VL_14

VL_15

VL_16

VL_17

VL_18

VL_19

VL_20

VL_21

VL_22

VL_23

VL_24

VL_25

VL_26

VL_27

VL_28

VL_29

VL_30

VL_31

VL_32

VL_33

VL_34

VL_35

VL_36

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VL_245

VL_246

VL_247

VL_248

VL_249

VL_250

VL_251

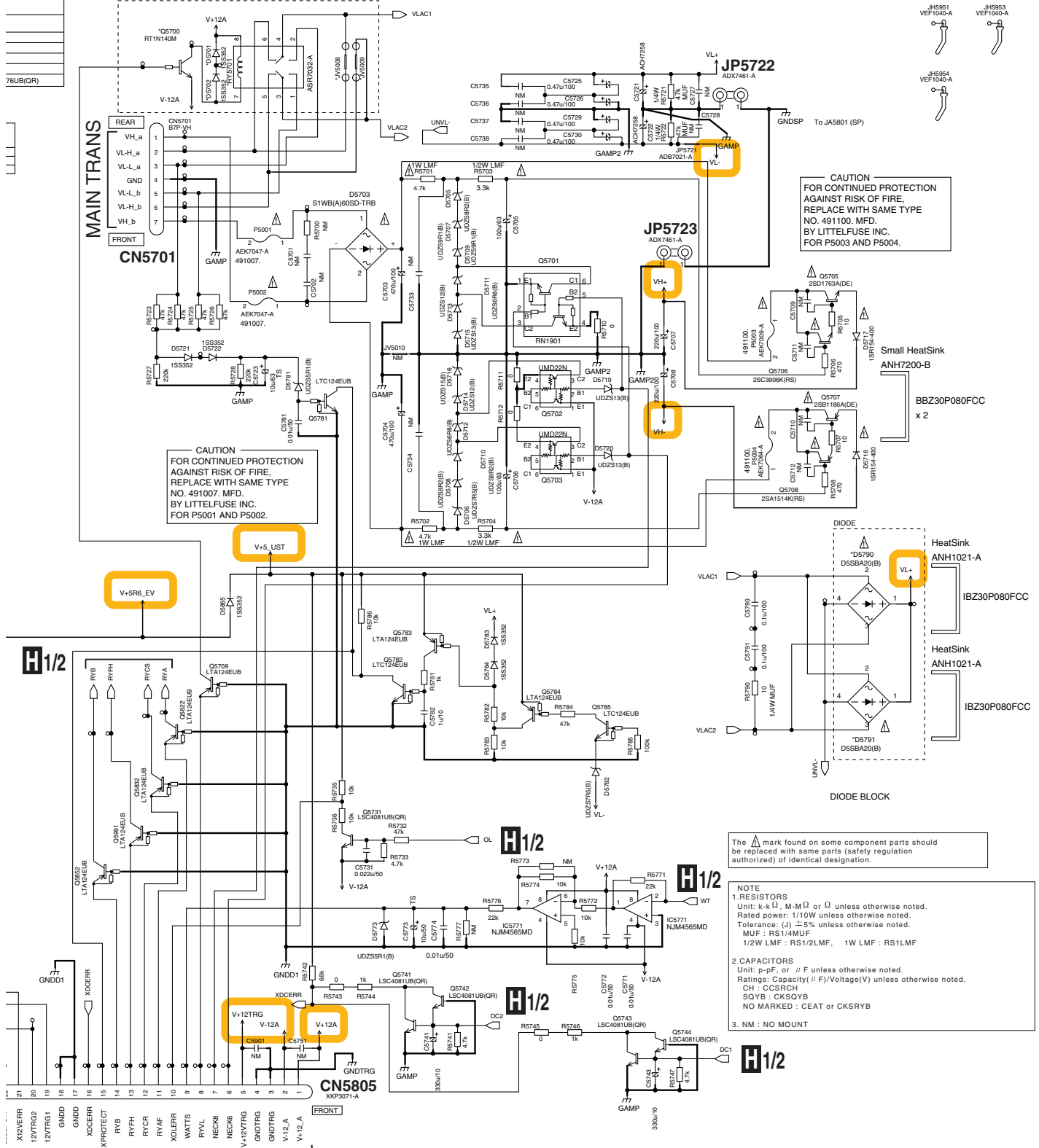
VL_H*VL_L

	AWX9738, AWX9739, AWX9741, AWX9742	AWX9740
D5701, D5702	1SS352	NM
Q5700	RT1N140M	NM
RY5701	ASR7032-A	NM
JV5008	NM	JAMPER_JV
JV5009	NM	JAMPER_JV

VL_H*VL_L

2/2 POWER AMP ASSY (2/2)

(VSX-53/VSX-1326-K : AWX9886)
(VSX-52 : AWX9889)
(VSX-1126-K/VSX-1121-K : AWX9890)



CN3363

VSX-53

2/2

10.21 PRESTAGE ASSY

A

B

C

D

E

F

A 2/3
CN3052



CN6603
CKS3384-A

NC
SBMUTE
AMUTE
GND A
SRO
GND A
SLO
GND A
FRO
GND A
CO
GND A
FLO
GND A
SBRO
GND A
SBLO
GND A

AC SIDE

SR

SL

FR

C

AC SIDE

CN6410
S2418-0510

5 GAMP
4 GAMP
3 SRIN1
2 SRIN2
1 SR

H 1/2

CN5410

AC SIDE

CN6110
S2418-0510

5 GAMP
4 GAMP
3 SLIN1
2 SLIN2
1 SL

H 1/2

CN5110

AC SIDE

CN6310
S2418-0510

5 GAMP
4 GAMP
3 RIN1
2 RIN2
1 R

H 1/2

CN5310

AC SIDE

CN6610
S2418-0710

7 -VH
6 -VH
5 GAMP
4 GAMP
3 CIN1
2 CIN2
1 C

H 1/2

CN5610

NOTE
1. RESIS
Unit
Rate
Tol
RN
RN
F:
VH
ML
NC
2. CAPA
Unit
Rate
Tol
HA
CH
NC
3. NM

VSX-53

PRESTAGE ASSY (AWX9775)

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

NOTE

1.RESISTORS

Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/10W unless otherwise noted.
Tolerance: (J) = 5% unless otherwise noted.
RN D (1/10W) : RN1/10SE***D
RN D : RN1/16SE***D
F : RS1/10SR***F
VM : RD1/2VM
MUF : RD1/4MUF

2.CAPACITORS

Unit: p-pF, or μ F unless otherwise noted.
Ratings: Capacity (μ F)/Voltage(V) unless otherwise noted.
HA : GEHAT
CH : CCSRCH
NO MARKED : CKSRYB

3.NM : NO MOUNT

➔ : Audio Signal Route

10
GAMP
GAMP
SRIN1
SRIN2
SR
1/2
N5410

10
GAMP
GAMP
SLIN1
SLIN2
SL
1/2
CN5110

10
GAMP
GAMP
RIN1
RIN2
R
1/2
CN5310
310

10
-VH
+VH
GAMP
GAMP
CIN1
CIN2
C
1/2
CN5610

FL

SBR/FRH

SBL/FLH

AC SIDE
CN6010
52418-0510

1/2
CN5010

AC SIDE
CN6510
52418-0510

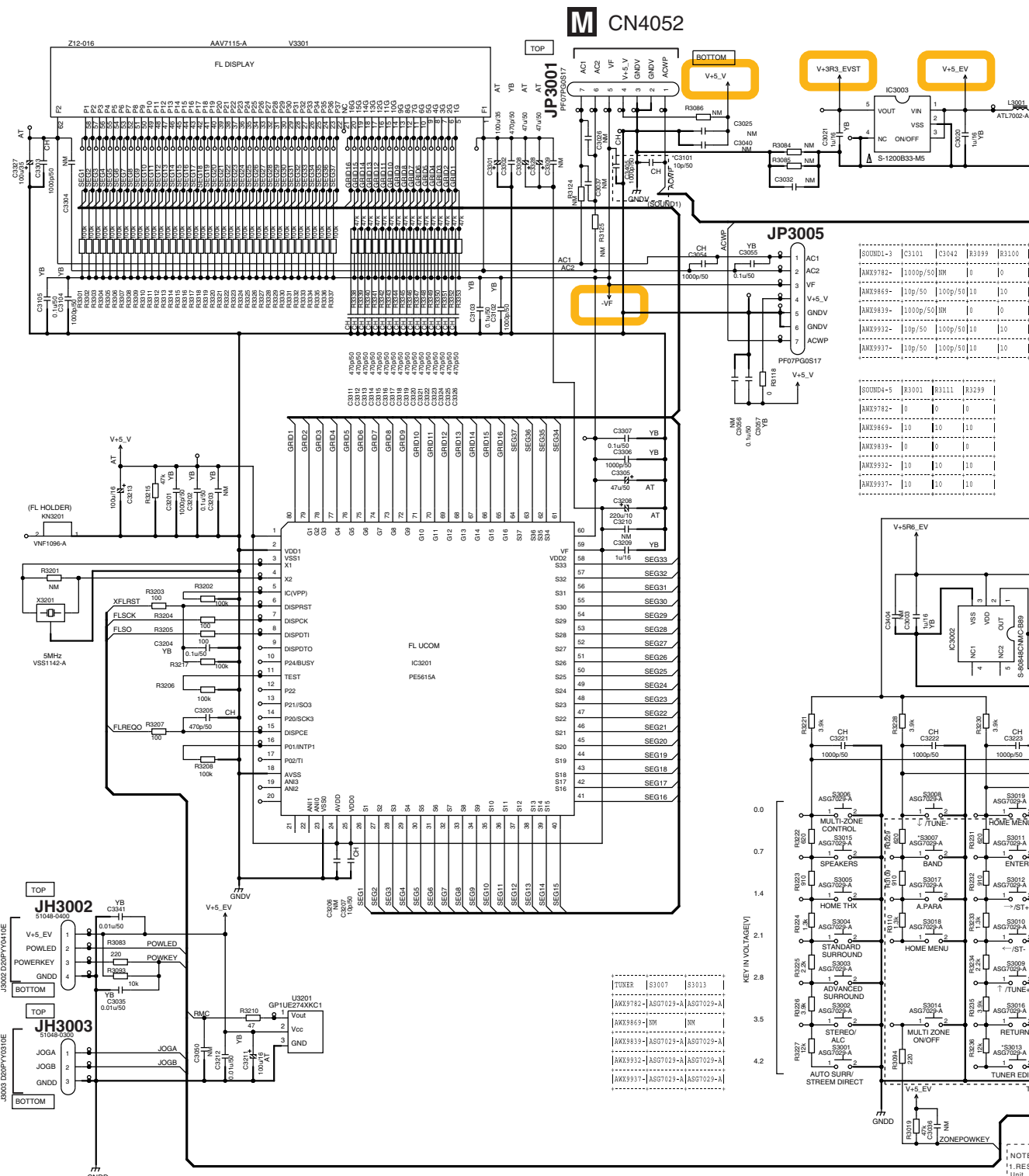
1/2
CN5510

AC SIDE
CN6210
52418-0510

1/2
CN5210

10.22 DISPLAY ASSY

	L8D1-2	C3218	C3338	R3079	R3095	R3114	R3211	R3212	R3213	R3214	R3241	R3242	R3243	R3244	R3245	R3356	D3204	D3206	D3208	D3210	D3212	Q3207	Q3210	Q3211	Q
A	AWX9782	47p/50	10p/50	NM	100	NM	NM	NM	NM	NM	150	150	150	150	150	100	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	UTC124BUB	UTC124BUB	UTC124BUB	L
	AWX9869	47p/50	10p/50	NM	100	NM	NM	NM	NM	NM	150	150	150	150	150	100	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	UTC124BUB	UTC124BUB	UTC124BUB	L
	AWX9839	NM	NM	0	NM	0	0	0	0	0	680	680	680	680	NM	NM	SLR-343VC(NPQ)	SLR-343VC(NPQ)	SLR-343VC(NPQ)	SLR-343VC(NPQ)	NM	NM	NM	NM	N
	AWX9932	47p/50	10p/50	NM	100	NM	NM	NM	NM	NM	150	150	150	150	150	100	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	SLR343BC4T(JKLM)	UTC124BUB	UTC124BUB	UTC124BUB	L
	AWX9937	NM	NM	0	NM	0	0	0	0	0	680	680	680	680	NM	NM	SLR-343VC(NPQ)	SLR-343VC(NPQ)	SLR-343VC(NPQ)	SLR-343VC(NPQ)	NM	NM	NM	NM	N

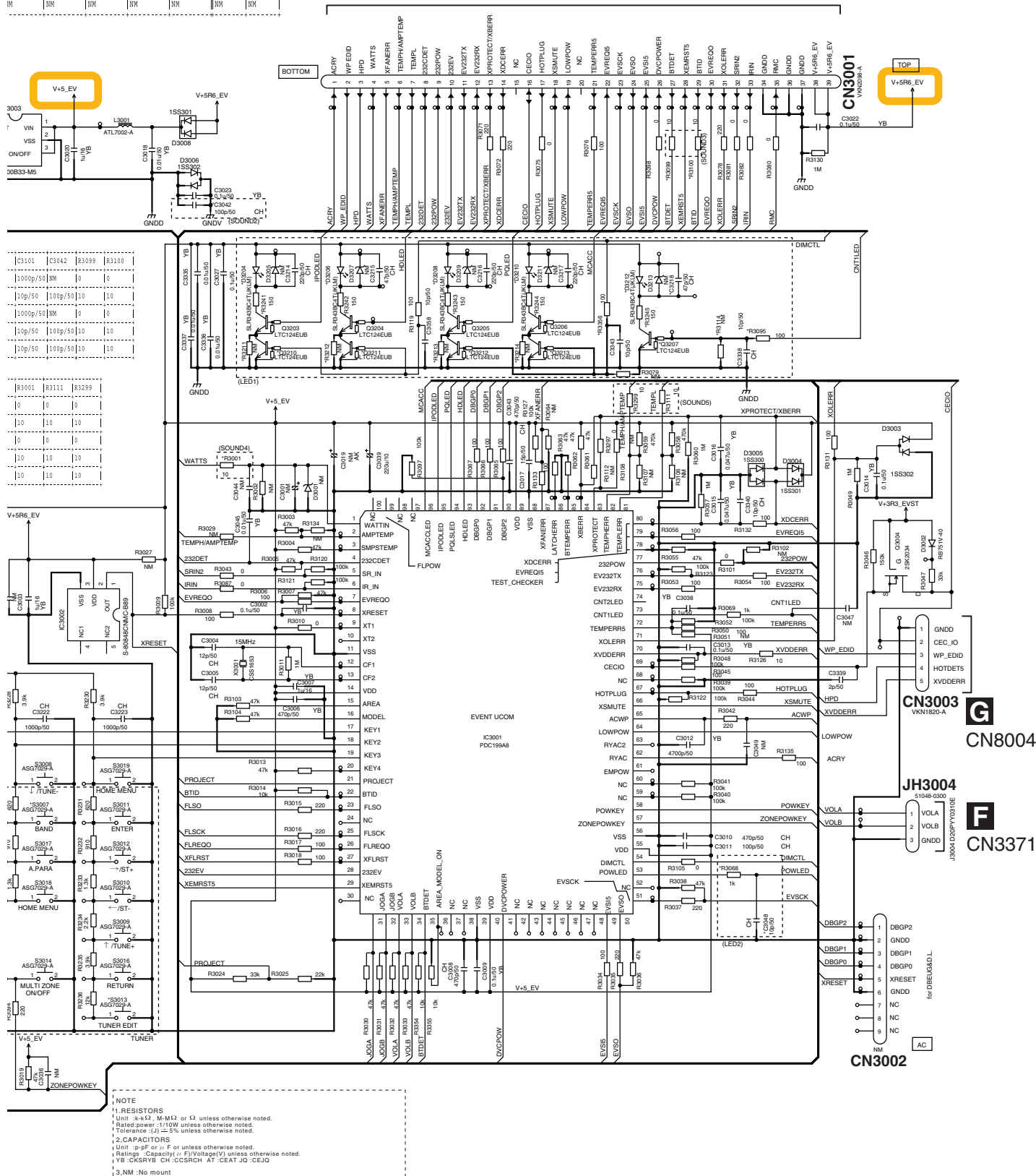


The mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

3207	3210	3211	3212	3213	3208	3209
TC124EUB	TC124EUB	TC124EUB	TC124EUB	TC124EUB	10p/50	1k
TC124EUB	TC124EUB	TC124EUB	TC124EUB	TC124EUB	10p/50	1k
NM	NM	NM	NM	NM	NM	NM
TC124EUB	TC124EUB	TC124EUB	TC124EUB	TC124EUB	10p/50	1k
NM	NM	NM	NM	NM	NM	NM

J **DISPLAY ASSY**
(VSX-53/VSX-52 : AWX9782)
(VSX-1326-K/VSX-1126-K/VSX-1121-K: AWX9839)

E 2/10 CN601



VSX-53

△



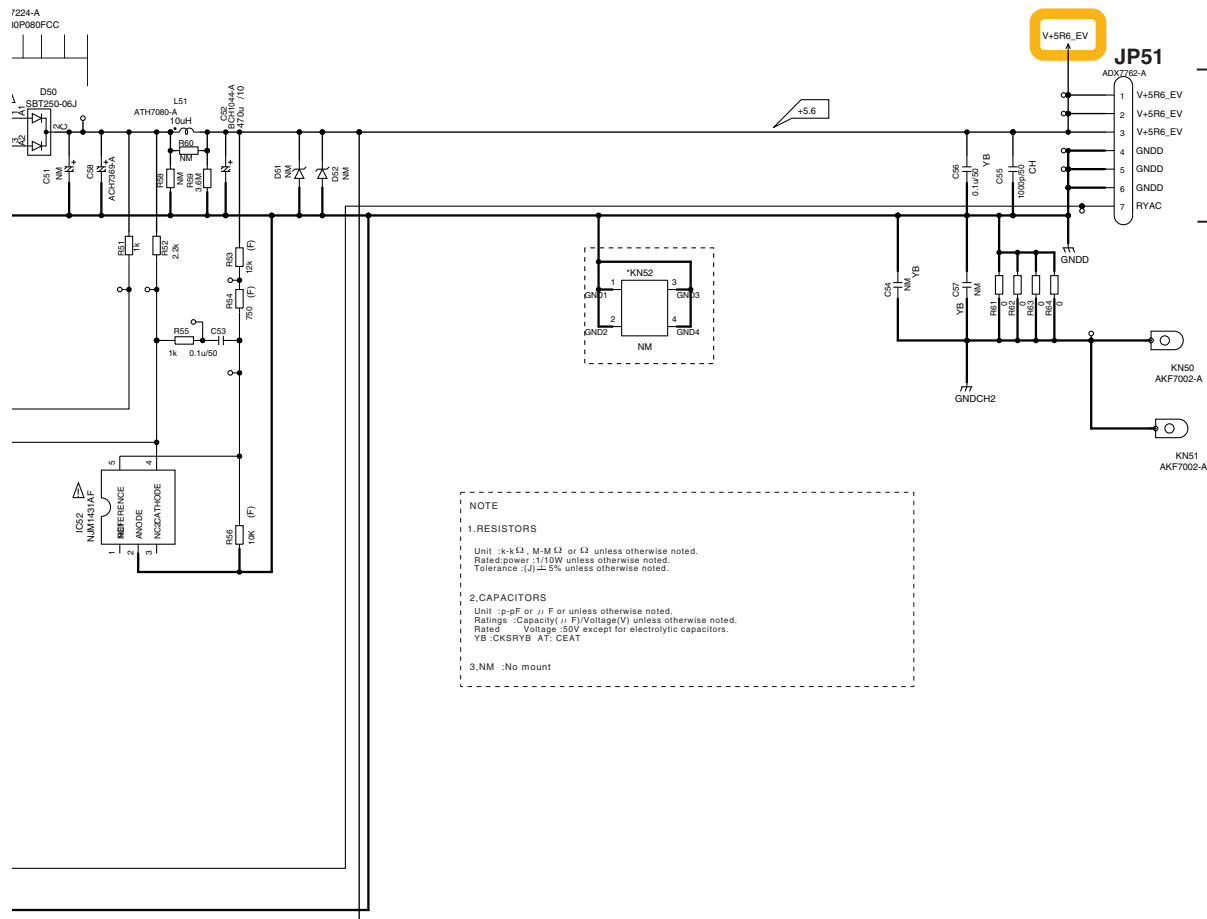
This caution is applied
only north America destination

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

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

K PRIMARY ASSY (AWX9786)

A


E 10/10 CN9501

B

C

D

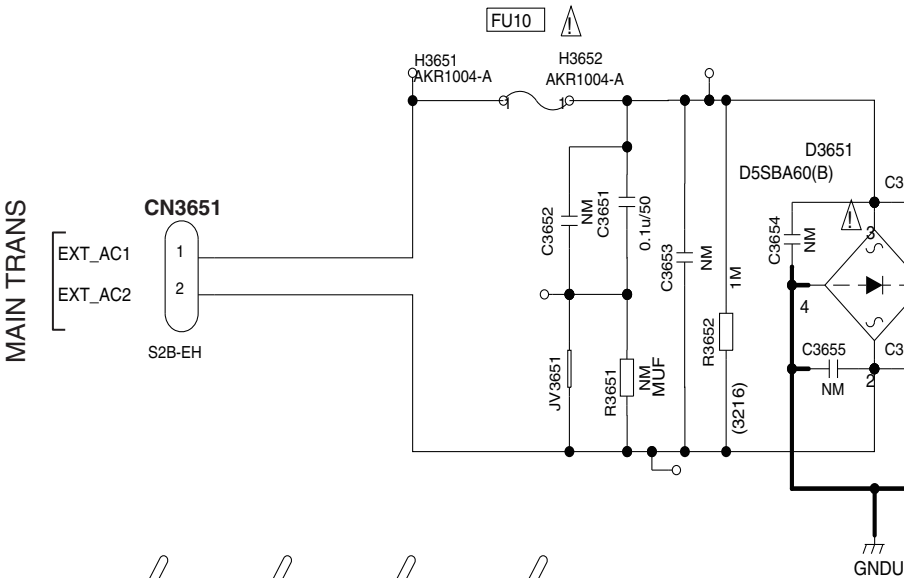
	AWX9786 CU	AWX9840 SY	AWX9841 J	AWX9842 DLPW	AWX9843 F	AWX9844 A
KN52	NM	ANG7591-A	NM	ANG7591-A	NM	ANG7591-A

	AWX9786 CU	AWX9840 SY	AWX9841 J	AWX9842 DLPW	AWX9843 F	AWX9844 A
CN81	NM	B3P5-VH	NM	NM	NM	NM
CN82	B2P3-VH	NM	B2P3-VH	NM	NM	NM
CN83	NM	NM	NM	B3P5-VH	B3P5-VH	B3P5-VH
CN84	NM	NM	NM	B4P7-VH-BK	B4P7-VH-BK	B4P7-VH-BK
JA71	ADX7772-A	ADX7772-A	ADX7771-A	ADX7772-A	ADX7772-A	ADX7772-A
JA71_1	ADX7772-A_1	ADX7772-A_1	ADX7771-A_1	ADX7772-A_1	ADX7772-A_1	ADX7772-A_1
JP81	NM	NM	NM	ADX7770-A	NM	ADX7770-A
JP81_1	NM	NM	NM	ADX7770-A_1	NM	ADX7770-A_1
JP81_2	NM	NM	NM	ADX7770-A_2	NM	ADX7770-A_2
JP81_3	NM	NM	NM	ADX7770-A_3	NM	ADX7770-A_3
JV87	JUMPER	JUMPER	JUMPER	NM	NM	NM
JV88	JUMPER	JUMPER	JUMPER	NM	NM	NM

E

F

10.24 USB RECT ASSY

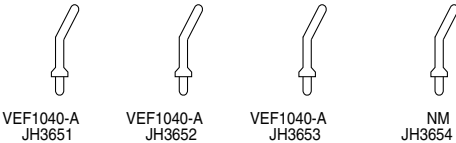


NOTE

1. RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/10W unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
MUF : RD1/4MUF
2125 : RS1/8SQ

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

3. NM : NO MOUNT



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.

USB RECT ASSY **(AWX9776)**

A

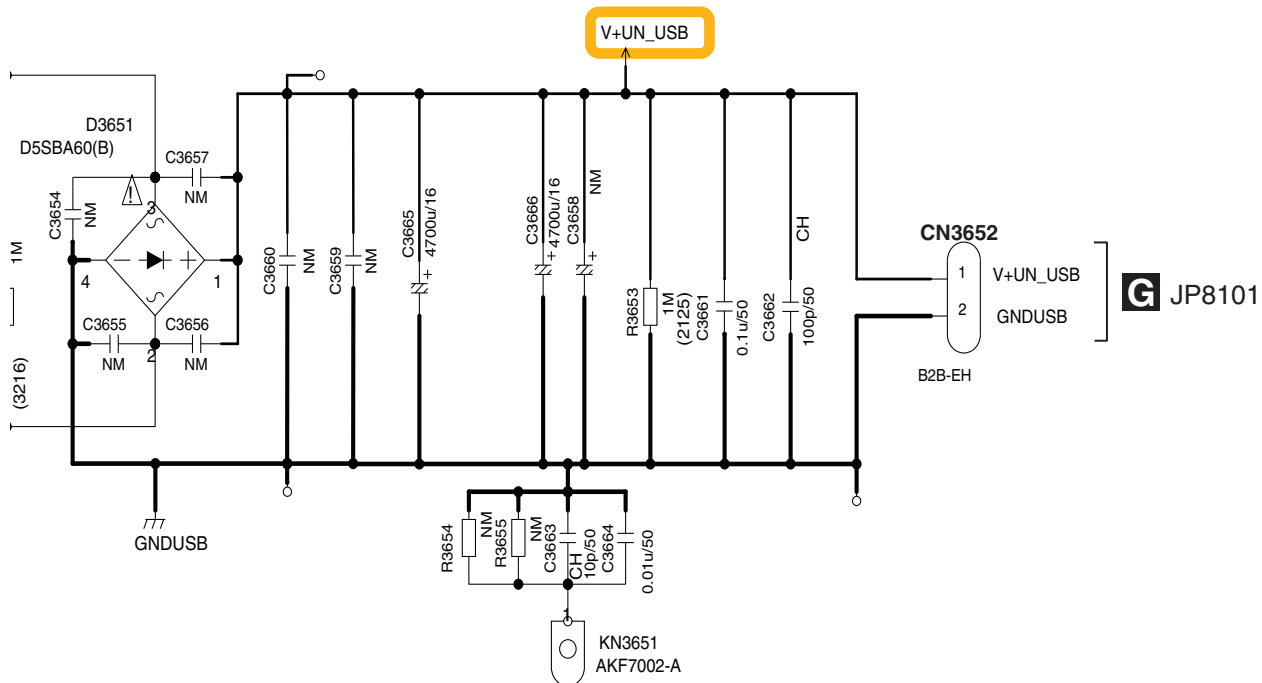
B

C

D

E

F



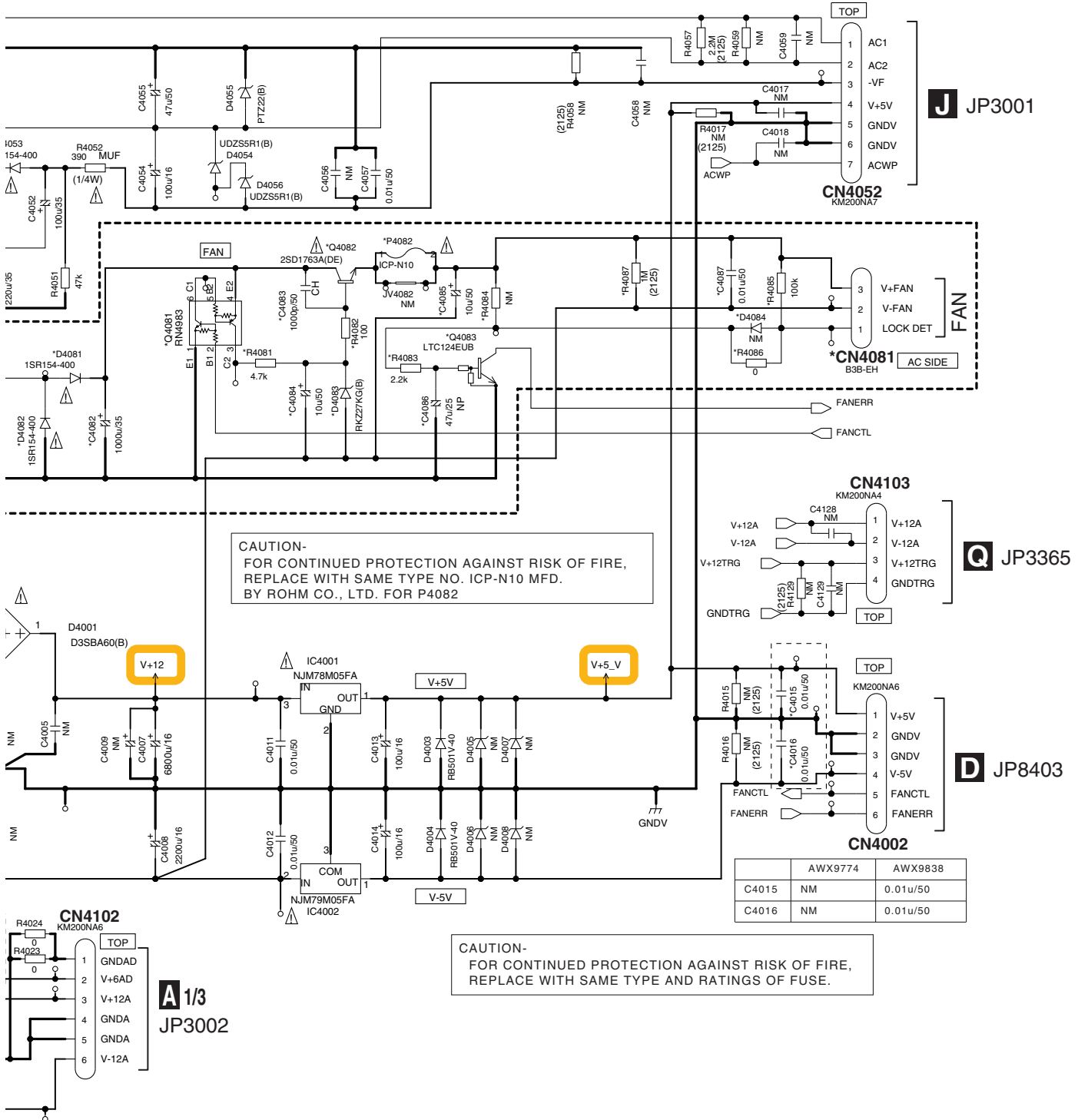
△

F

4

REGULATOR ASSY (AWX9774)

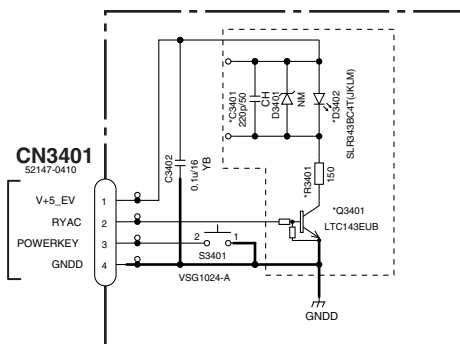
AWX9774-	AWX9838-
NO MOUNT	NO MOUNT
NO MOUNT	MOUNT



9774	AWX9838
	0.1u/50

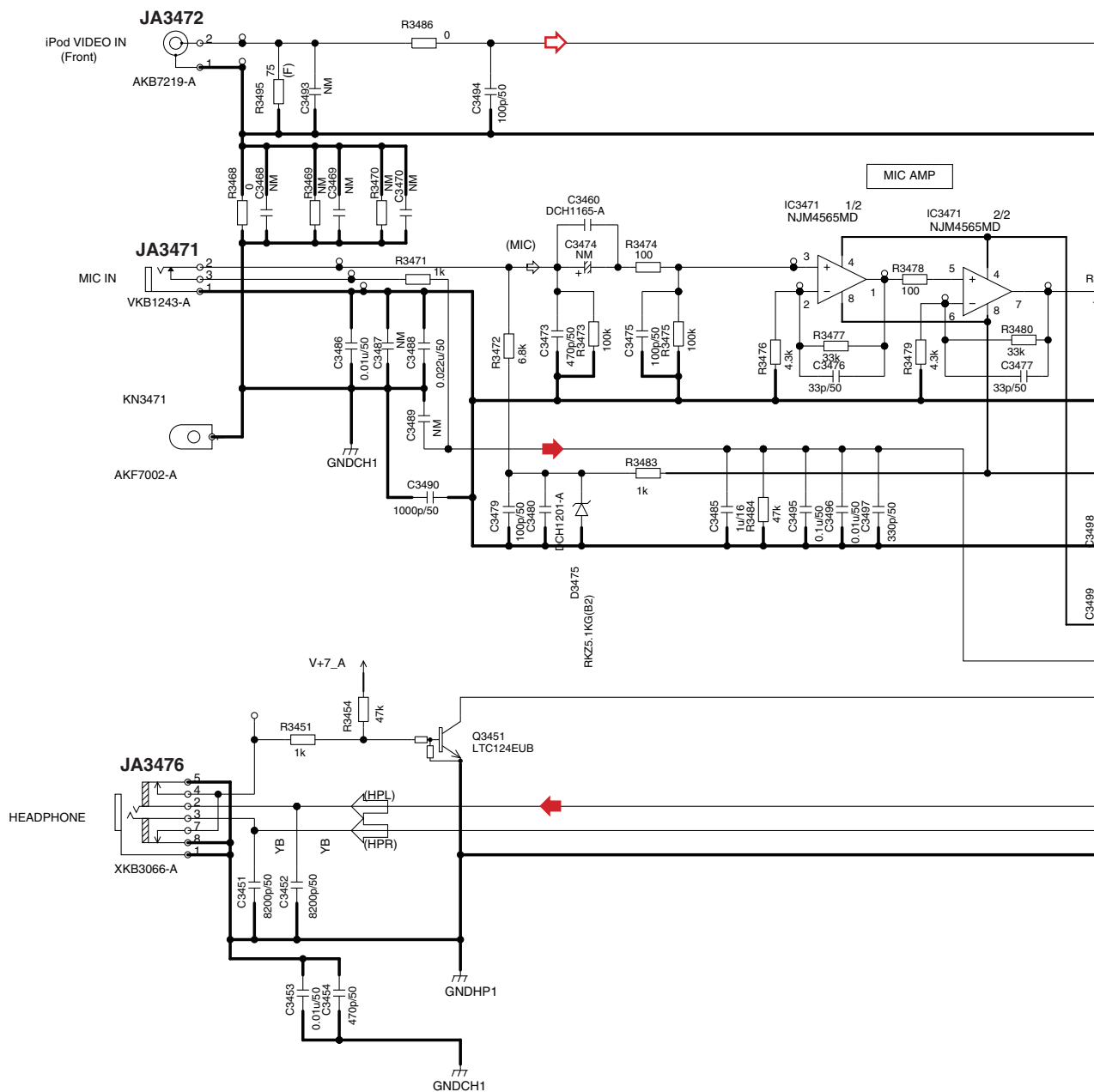
N POWER SW ASSY
(VSX-53/VSX-52 : AWX9783)
(VSX-1326-K/VSX-1126-K/VSX-1121-K: AWX9900)

J JH3002



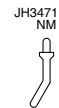
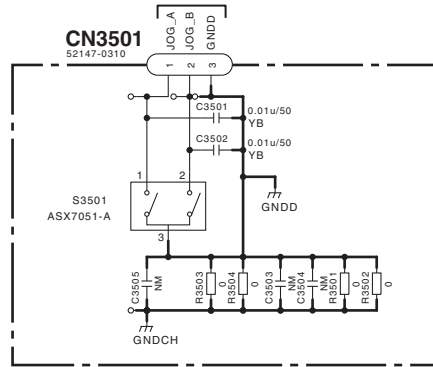
	AWX9783	AWX9900
C3401	220p/50	NM
R3401	150	NM
D3402	SLR343BC4T(JKLM)	NM
Q3401	LTC143EUB	NM

**P MIC HP ASSY
(AWX9785)**



ENCODER ASSY (AWX9784)

J JH3003



CN3471
9604S-09C

U CN3651

A 1/3
JH2505

CN3473
52147-0410

◀: Video Signal Route
▶: Audio Signal Route

NOTE

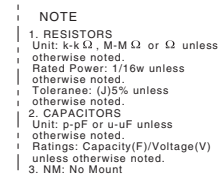
1.RESISTORS
Unit :k- Ω , M-M Ω or Ω unless otherwise noted.
Rated power :1/10W unless otherwise noted.
Tolerance : (J) $\pm 5\%$ unless otherwise noted.

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

3.NM :No mount

JV2475 NM
C3456 NM
C3455 NM
GNDCH1

**Q CONNECT ASSY
(AWX9878)**



CN2104

CN3791
AKM7170-A

SIRIUS L
GND SI
SIRIUS R
GND SI
V+6 AD
V-6 AD
GNDAD
GNDAD
V+12 A
V-12 A
GND A
GND A
V-12 A
V-12 A

C3799 NM C3801 NM
C3791 NM C3792 NM
C3795 NM C3796 NM

C3802 NM *C3800 L 0.1u/50
C3793 NM *C3794 I 1.01u/50
C3797 NM *C3798 L 0.01u/50

A 1/3
CN3001

SIRIUS L
GND SI
SIRIUS R
GND SI
V+6 AD
V-6 AD
GNDAD
GNDAD
V+12 A
V-12 A
GND A
GND A
V-12 A
V-12 A

CN2103

CN3793
AKM7176-A

GNDADS
FR IN
GNDADS
FL IN
GNDADS
FR OUT
GNDADS
FL OUT
GNDADS
SW OUT
GNDADS
C OUT
GNDADS
SR OUT
GNDADS
SL OUT
GNDADS
FHR/FWR OUT
GNDADS
FHL/FWL OUT
GNDADS
SBR OUT
GNDADS
SBL OUT
GNDADS
ZR OUT
GNDADS
ZL OUT

A 1/3
CN2502

GNDADS
FR IN
GNDADS
FL IN
GNDADS
FR OUT
GNDADS
FL OUT
GNDADS
SW OUT
GNDADS
C OUT
GNDADS
SR OUT
GNDADS
SL OUT
GNDADS
FHR/FWR OUT
GNDADS
FHL/FWL OUT
GNDADS
SBR OUT
GNDADS
SBL OUT
GNDADS
ZR OUT
GNDADS
ZL OUT

Audio Signal Route

 : Audio Signal Route

E 6/10

CN1503

E 6/10

CN1502

S

D-AUDIO BRIDGE ASSY
(AWX9769)

A 1/3

CN3901

A 1/3

CN2861

NOTE

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

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

E 8/10

CN9003

E 8/10

CN9002

C 1/2

CN2102

C 1/2

CN2101

	AWX9770	AWX9935
C3785	NM	0.1u/50
C3786	NM	0.01u/50
C3787	NM	100p/50

A 1/3

CN2501

S

T

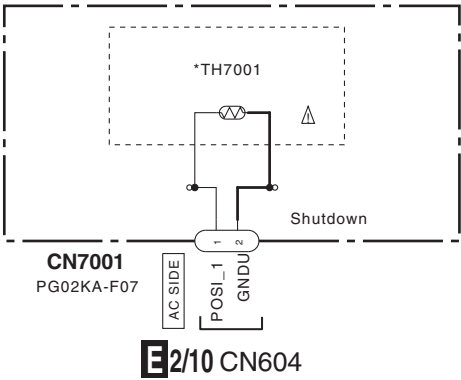
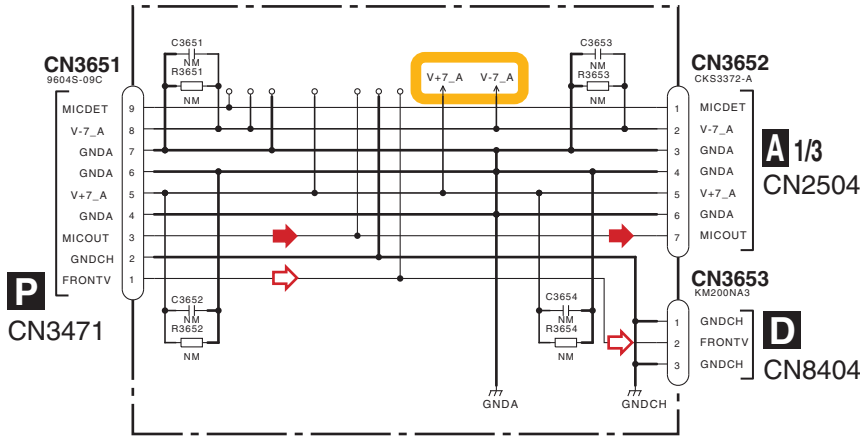
S

T

10.29 MIC CONNECT and POSI 1-3 ASSYS

U MIC CONNECT ASSY (AWX9772)

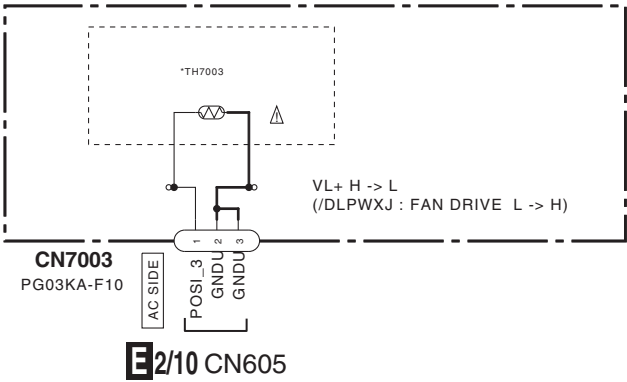
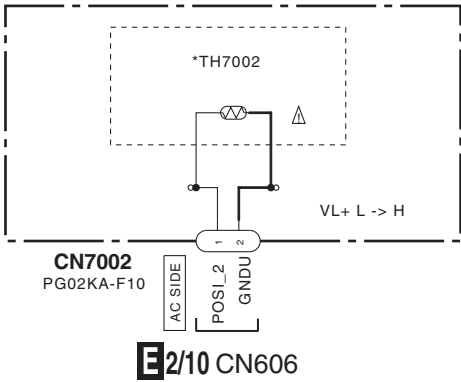
V POSI 1 ASSY (AWX9879)



	TH7001
AWX9576	PTFM04BB222Q2N34BS
AWX9663	PTFM04BC222Q2N34BS
AWX9662	PTFM04BB222Q2N34BS
AWX9879	PTFM04BB222Q2N34BS
AWX9881	PTFM04BC222Q2N34BS
AWX9880	PTFM04BB222Q2N34BS

W POSI 2 ASSY (AWX9882)

X POSI 3 ASSY (AWX9884)



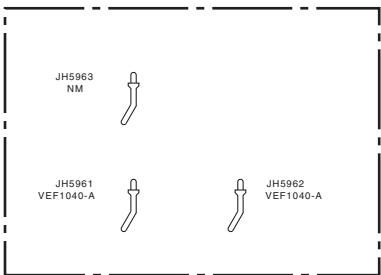
	TH7002
AWX9577	PTFM04BE222Q2N34BS
AWX9664	PTFM04BF222Q2N34BS
AWX9882	PTFM04BE222Q2N34BS
AWX9883	PTFM04BF222Q2N34BS

	TH7003
AWX9578	PTFM04BG222Q2N34BS
AWX9665	PTFM04BH222Q2N34BS
AWX9884	PTFM04BG222Q2N34BS
AWX9885	PTFM04BH222Q2N34BS

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

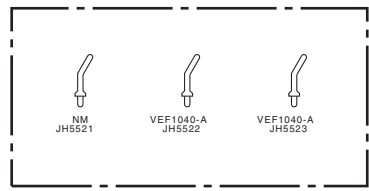
Y

BIND L FRONT ASSY
(AWX9891)



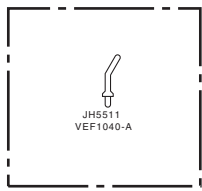
Z

BIND L BACK ASSY
(AWX9779)



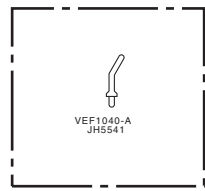
AA

BIND R FRONT ASSY
(AWX9778)



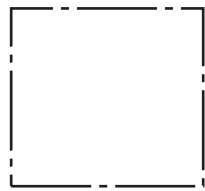
AB

BIND DISP FFC ASSY
(AWX9780)



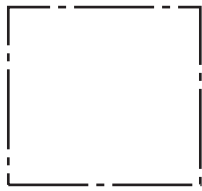
AC

FFC GUARD ASSY
(AWX9777)



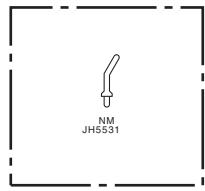
AD

FFC GUARD 2 ASSY
(AWX9892)



AE

BIND R BACK ASSY
(AWX9586)



NOTE

1. NM : NO MOUNT

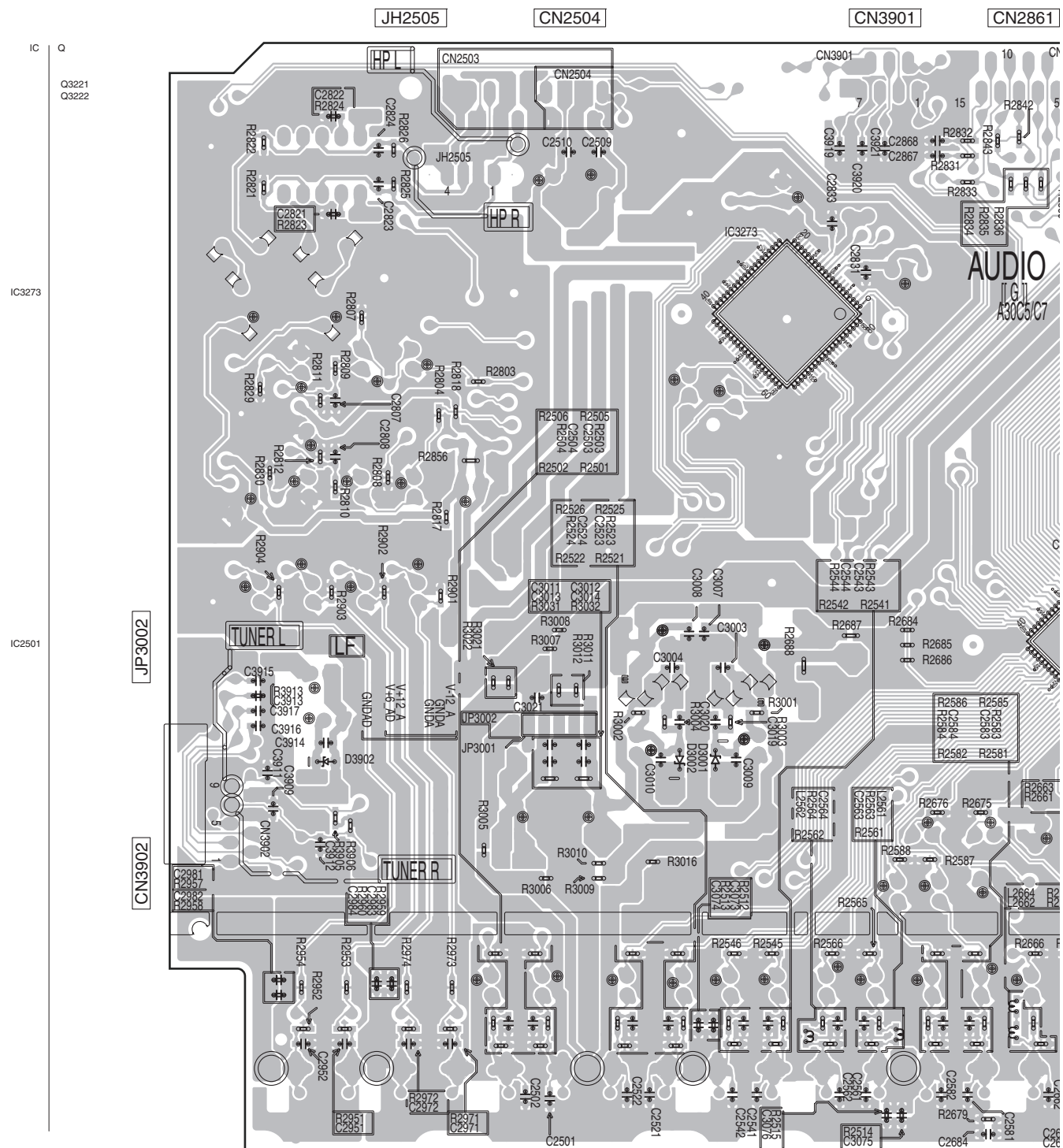
11.1 AUDIO ASSY

A AUDIO ASSY



SIDE B

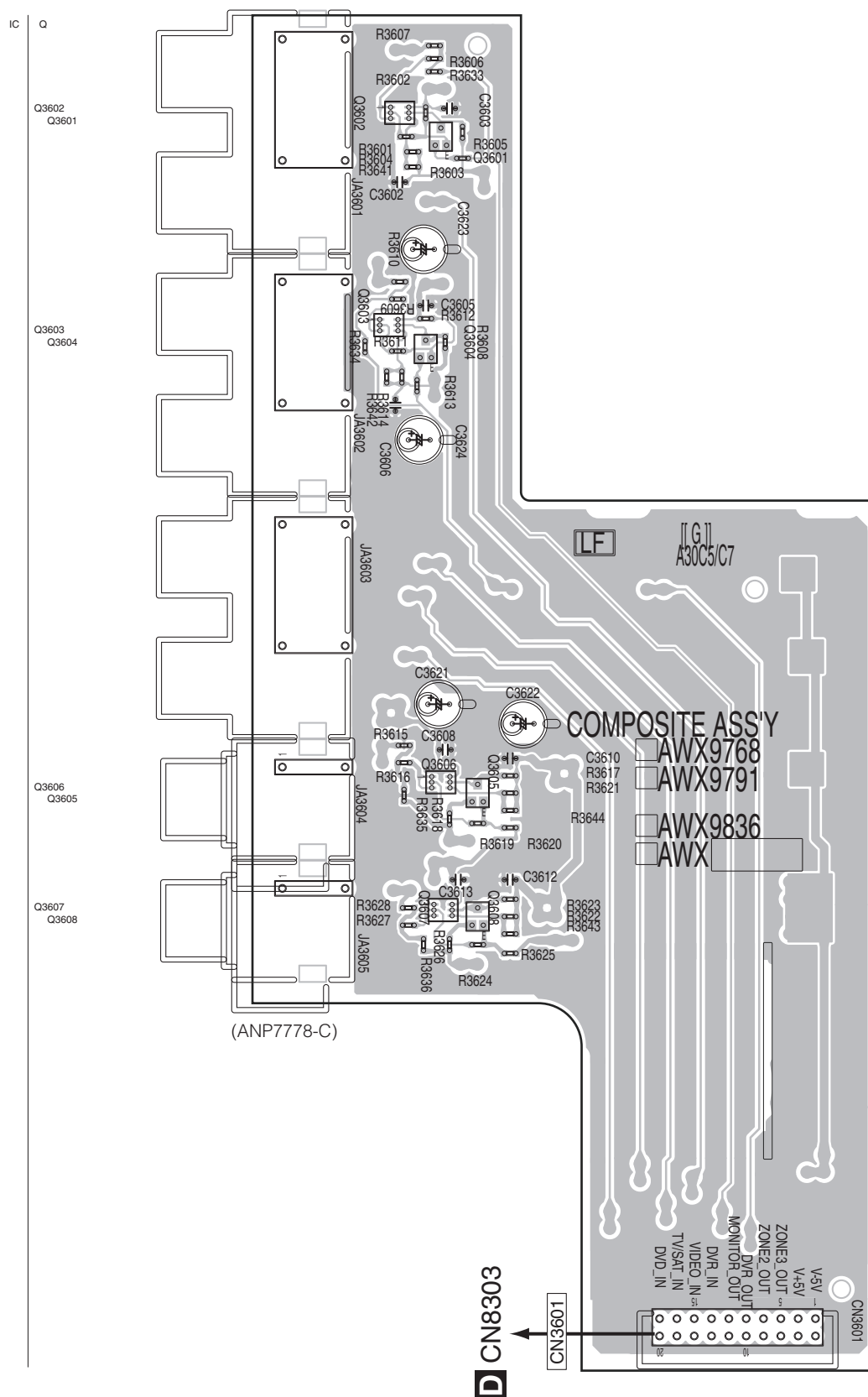
A AUDIO ASSY



SIDE A

SIDE A

B COMPOSITE ASSY

**B**

144

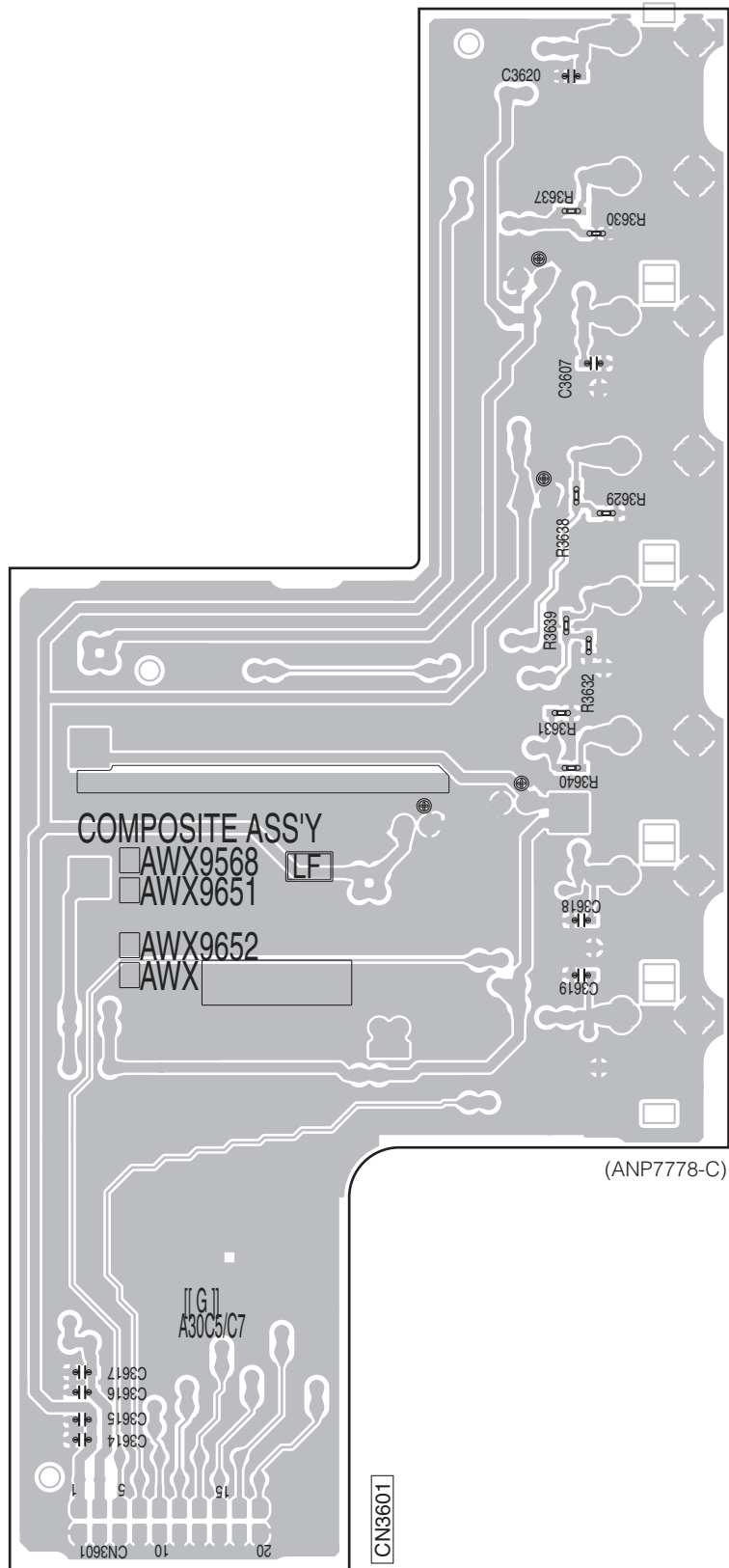
VSX-53

B

SIDE B

SIDE B

B COMPOSITE ASSY



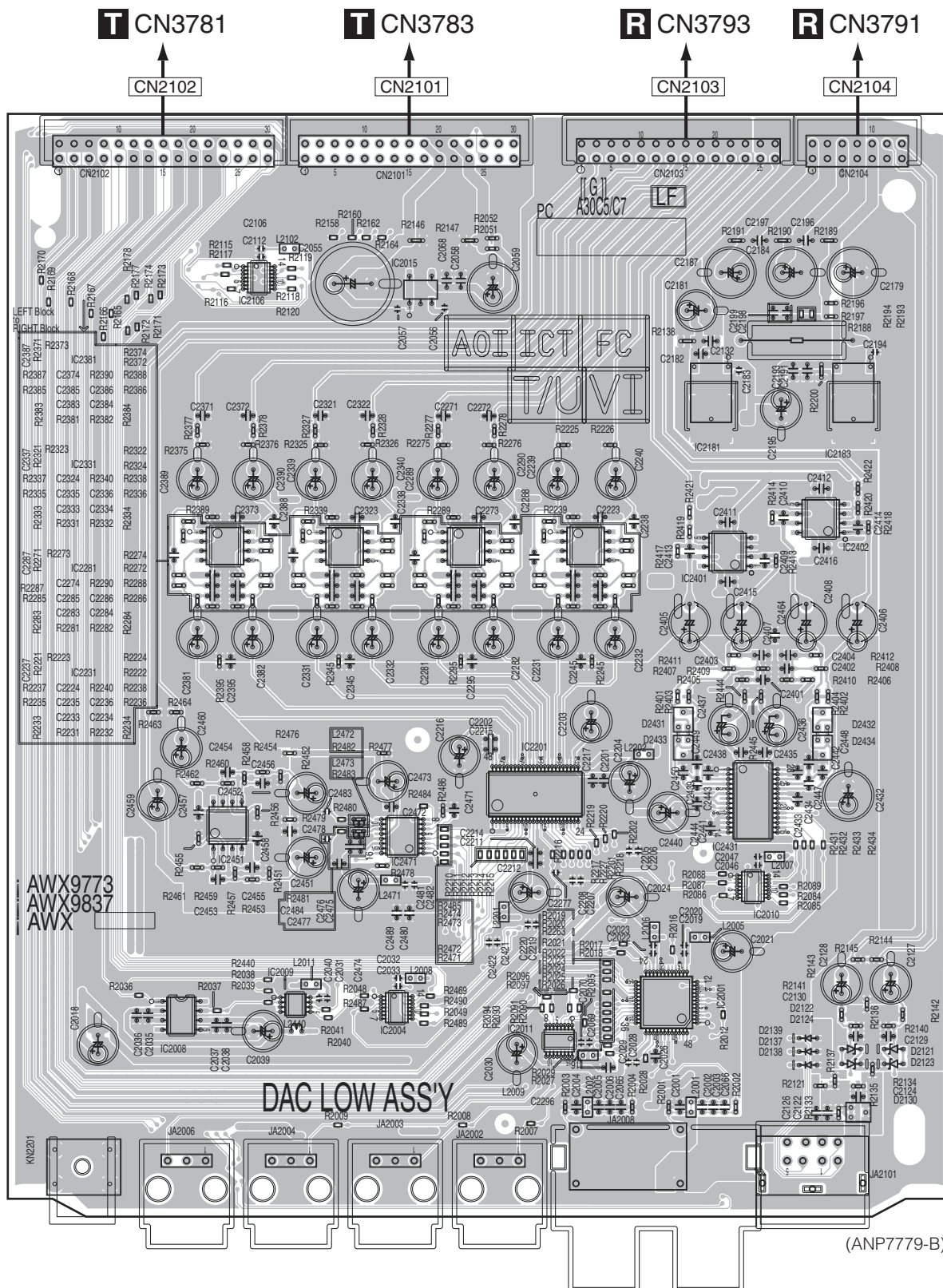
B

B

VSX-53

SIDE A

C DAC LOW ASSY

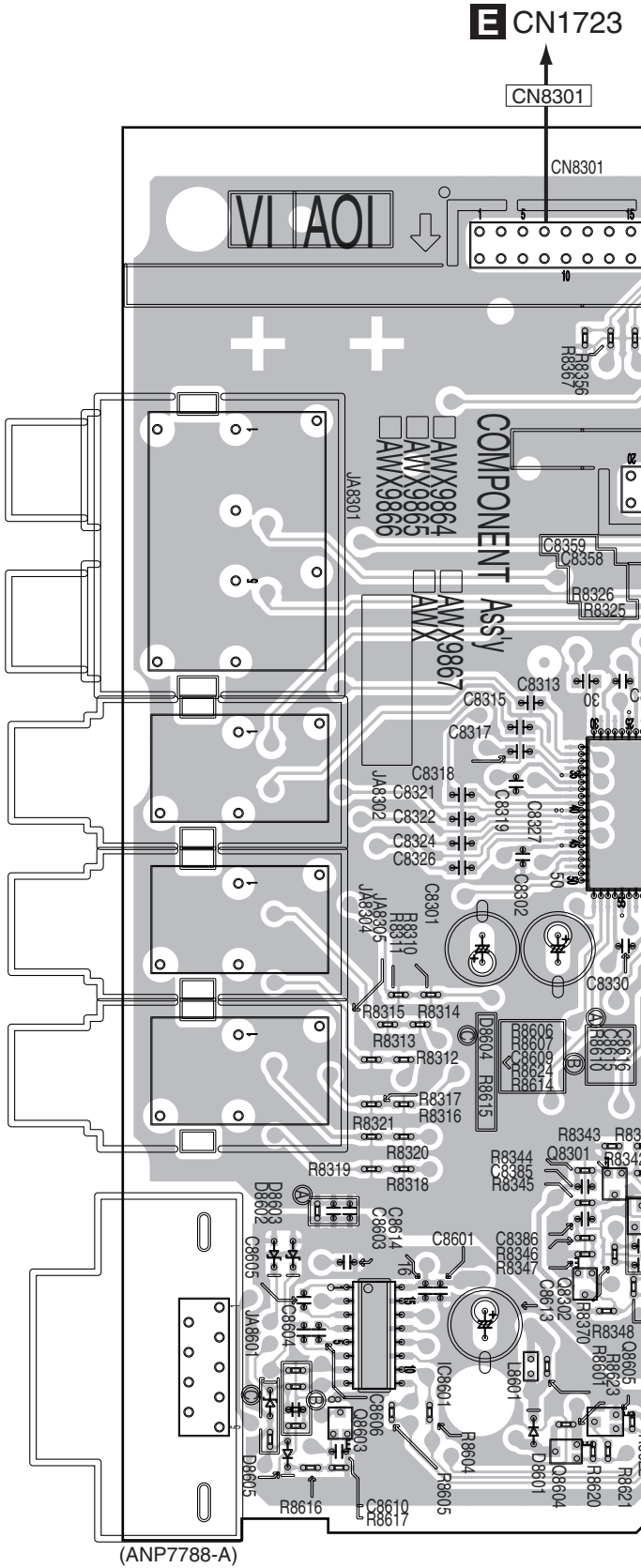
SIDE A

VSX-53

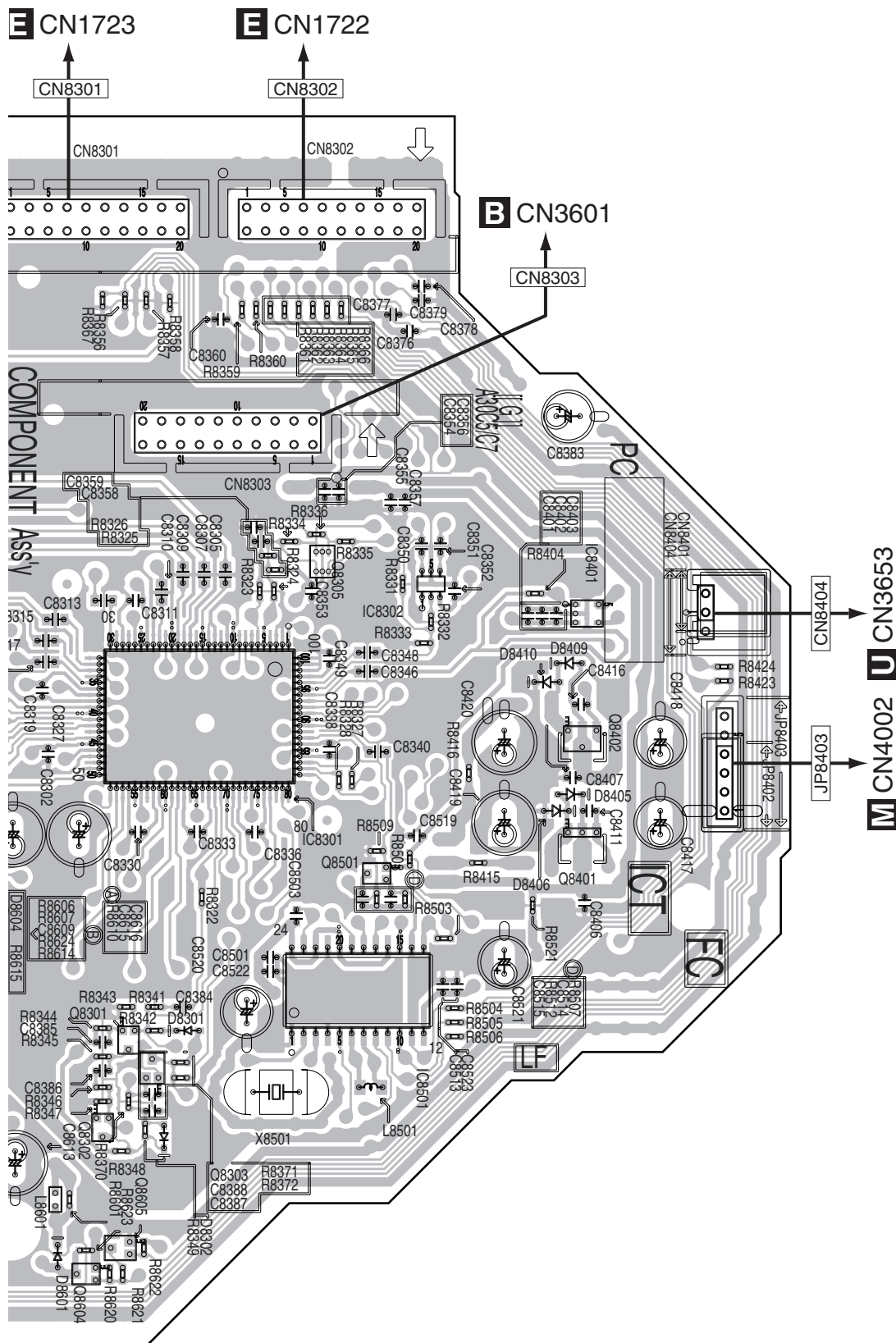
11.4 COMPONENT ASSY

SIDE A

D COMPONENT ASSY



D



SIDE B

A

B

C

D

E

F

D

151

5

6

7

8

VSX-53

SIDE A

E

[illegible]

VSX-53

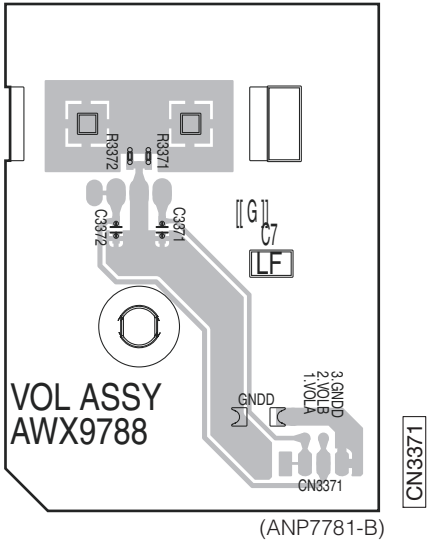
SIDE A

F VOL ASSY

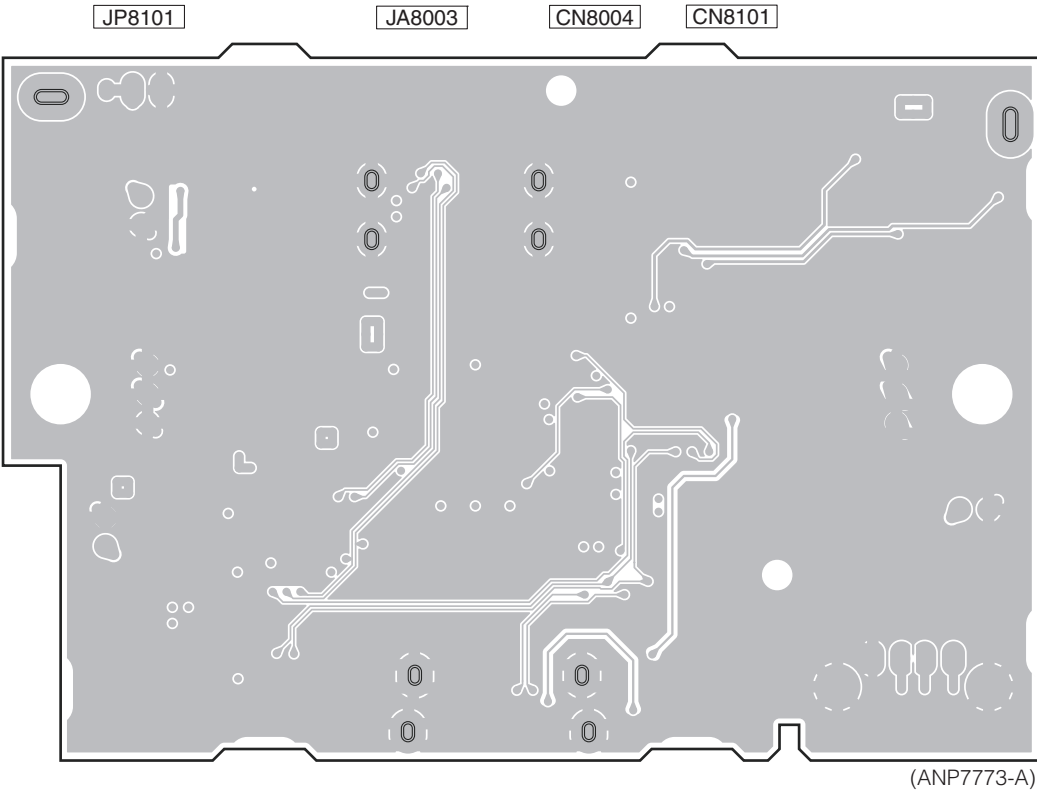
SIDE B

SIDE B

F VOL ASSY



G FRONT HDMI USB ASSY

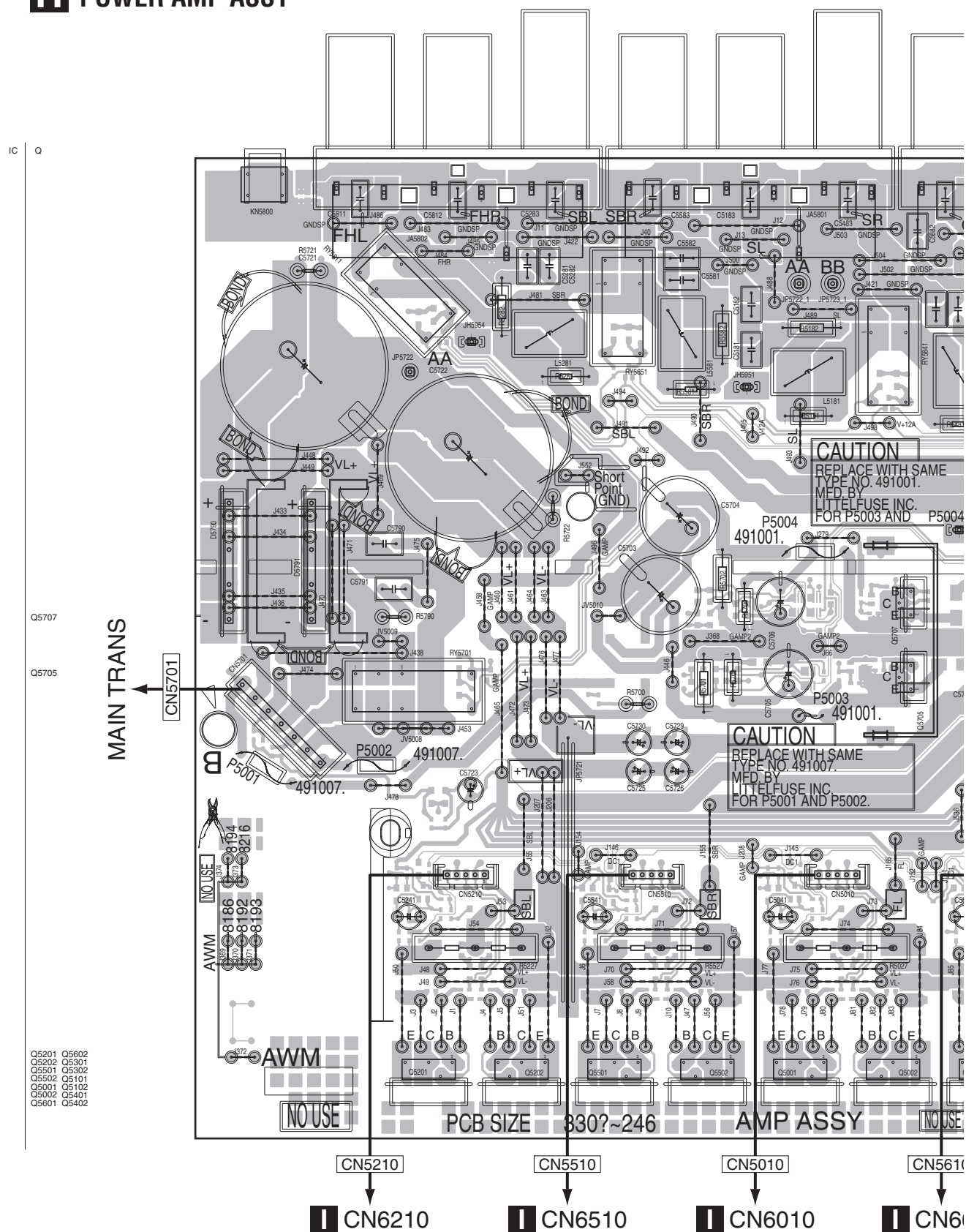


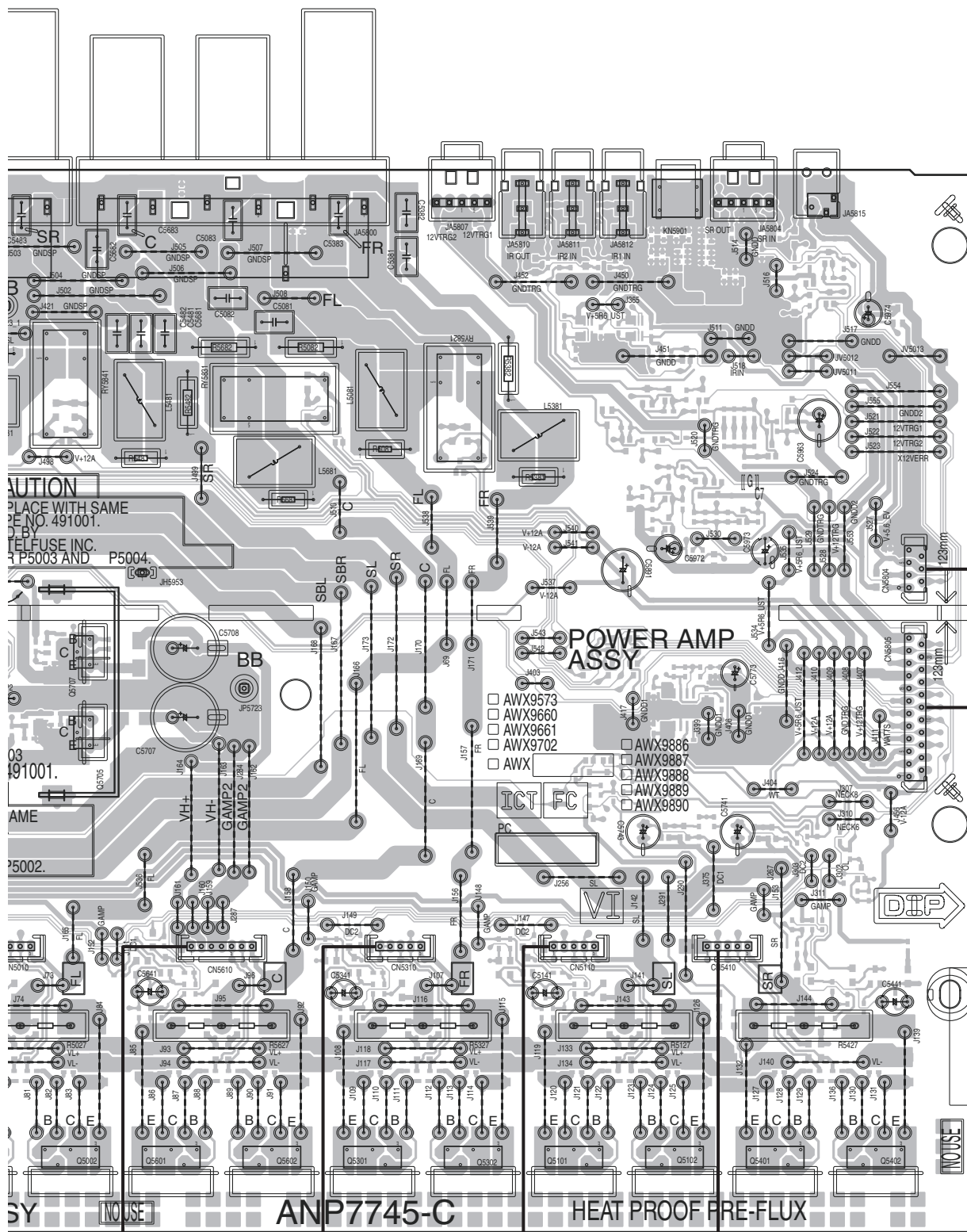
F **G**

F **G**

SIDE A

H POWER AMP ASSY





■ CN6610

■ CN6310

■ CN6110

■ CN6410

■ CN5804
 ■ CN5805
 ■ CN3363
 ■ CN3364

(ANP7745-C)

SIDE B

 POWER AMP ASSY

IC Q

Q5922
Q5921
Q5865
Q5864

Q5811

Q5953
Q5954
Q5957
Q5951

Q5851

Q5958
Q5831
Q5955
Q5956
Q5852
Q5821
Q5971
Q5975
Q5972
Q5973
Q5974

Q5841

Q5822
Q5991

Q5708

Q5703

IC5771

Q5852
Q5832
Q5709
Q5782
Q5781

Q5701

Q5700

Q5783

Q5784

Q5785

Q5741

Q5744

Q5742

Q5743

Q5731

Q5441

Q5141

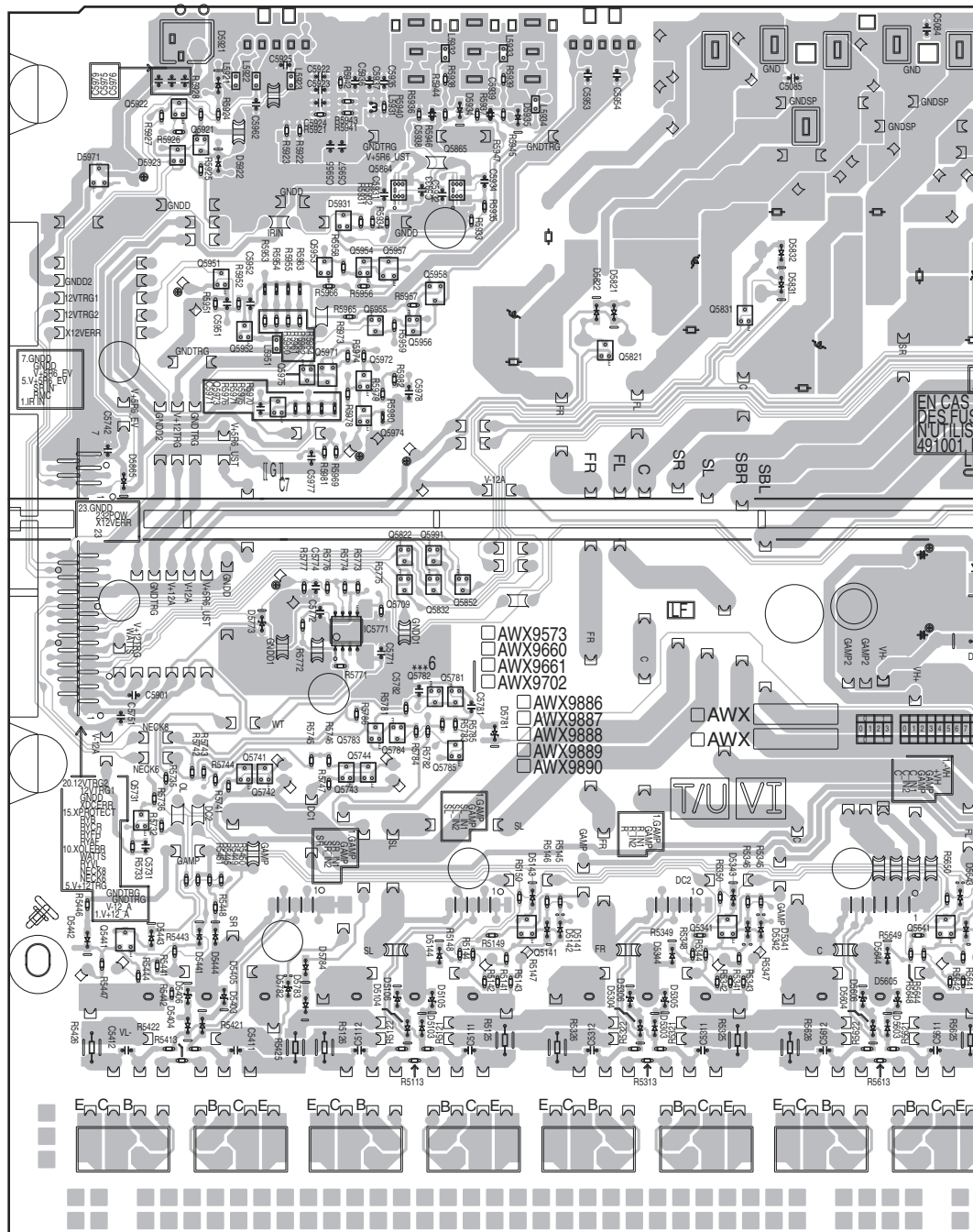
Q5041

Q5341

Q5541

Q5641

Q5241



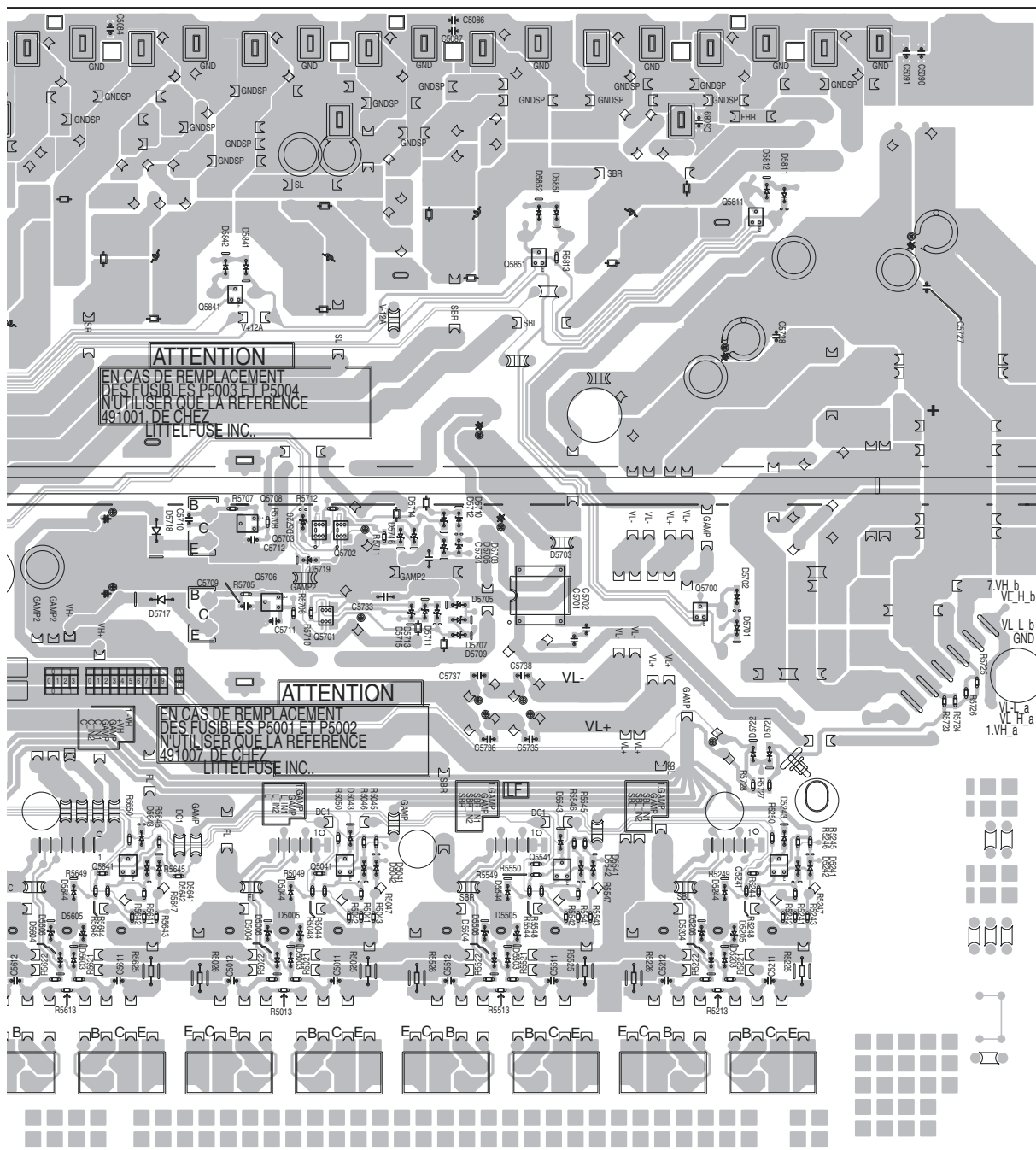
CN5410

CN5110

CN5310

C

VSX-53



162



SIDE A

A

B

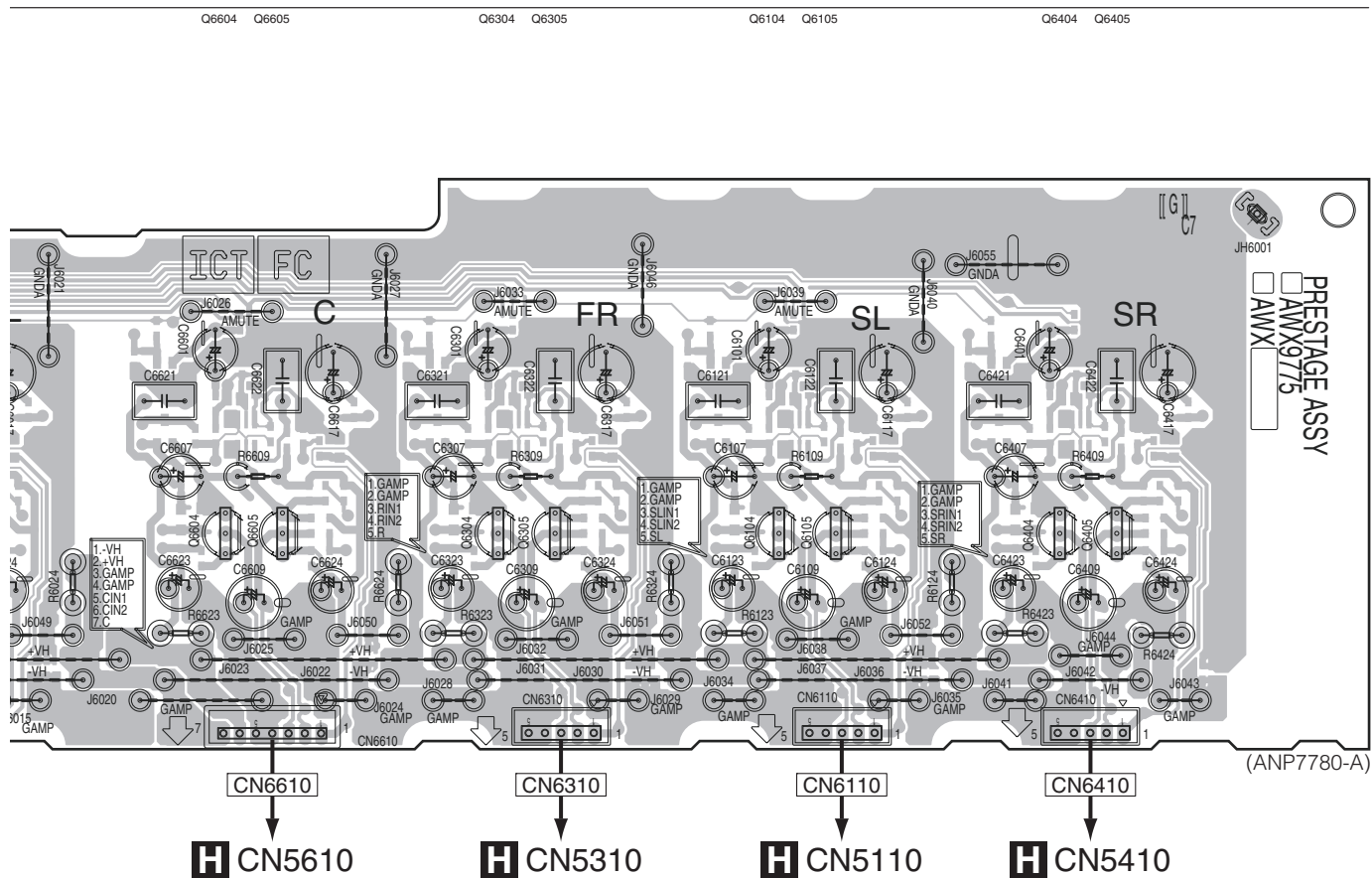
C

D

F

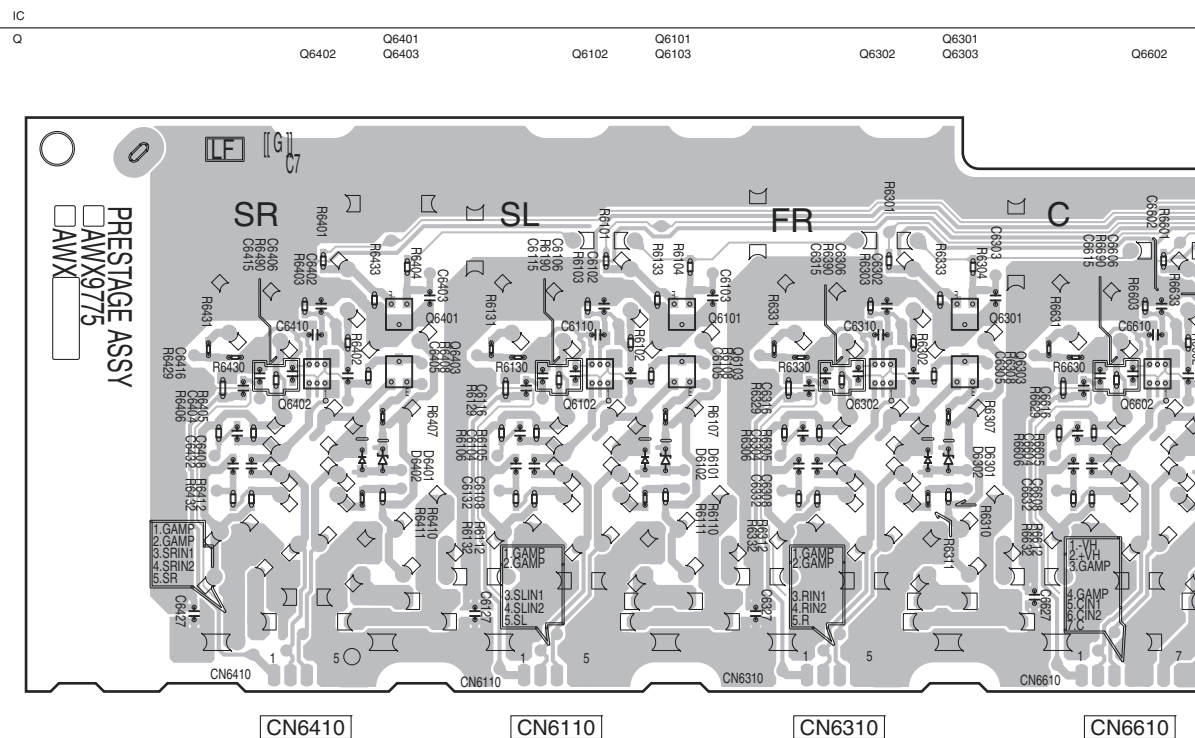
F

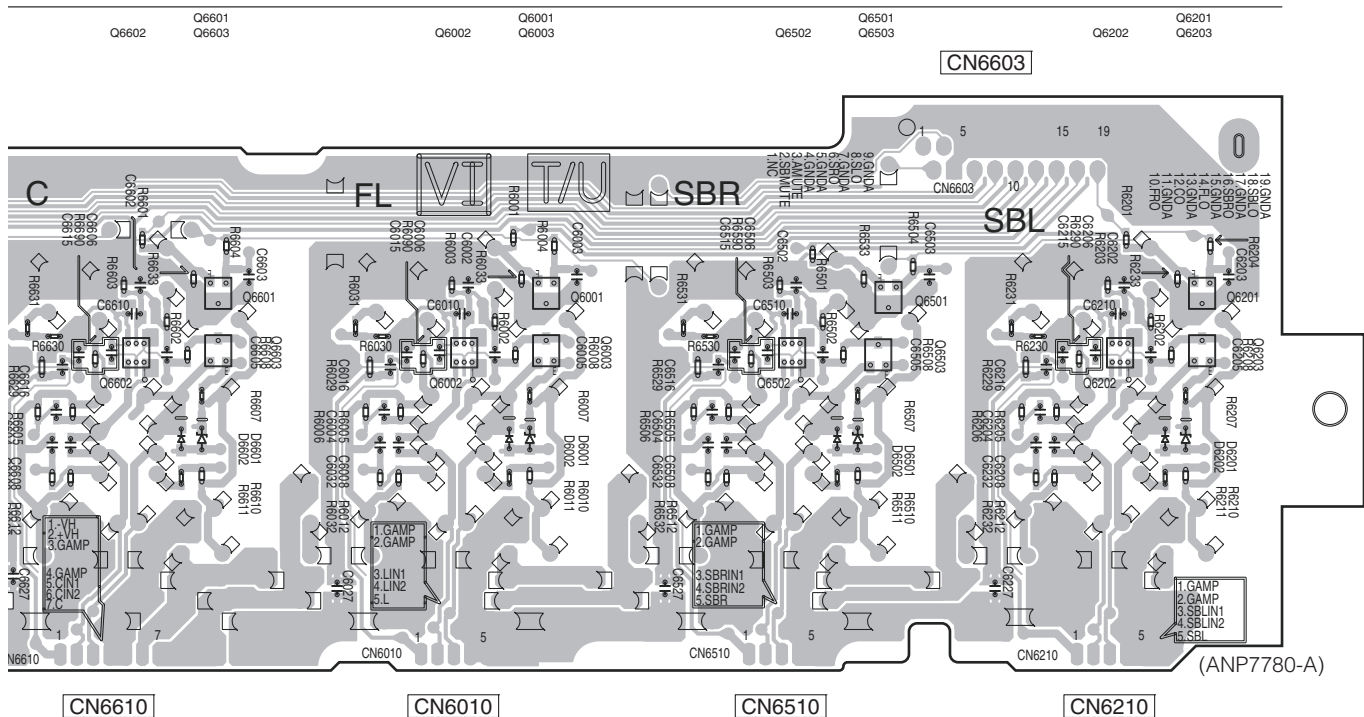
I

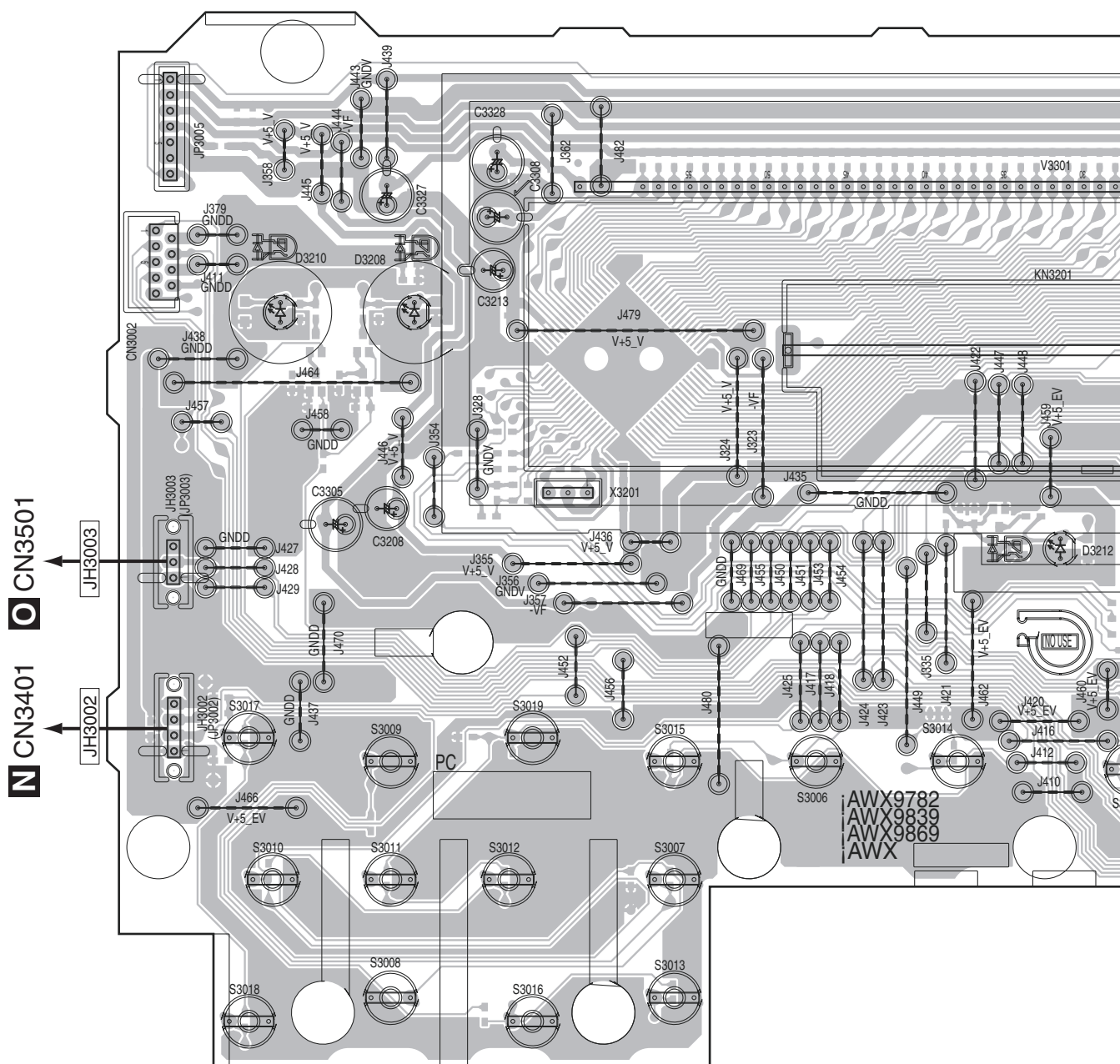


SIDE B

PRESTAGE ASSY





J DISPLAY ASSY

1

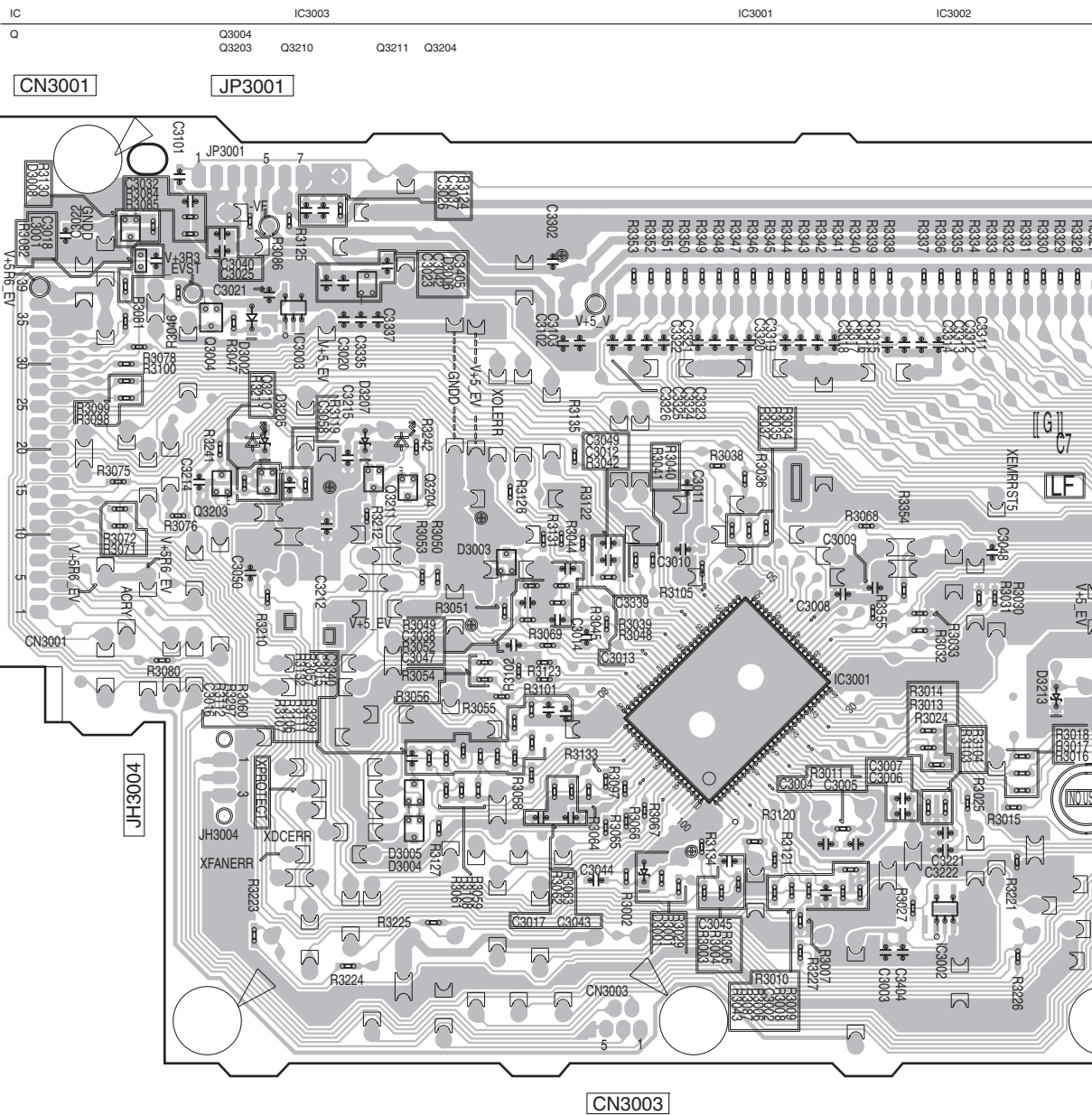
2

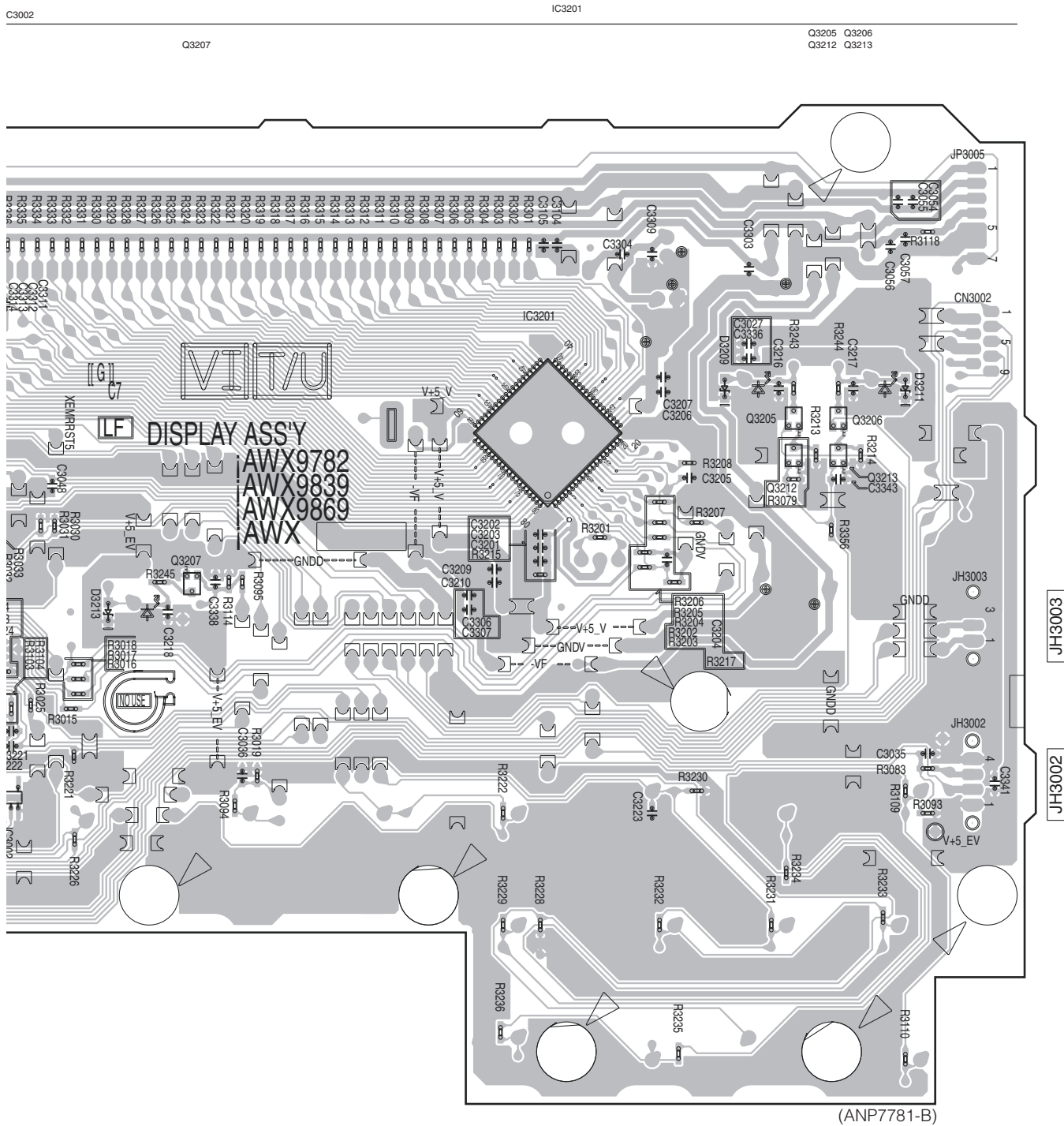
3

4

SIDE B

J DISPLAY ASSY

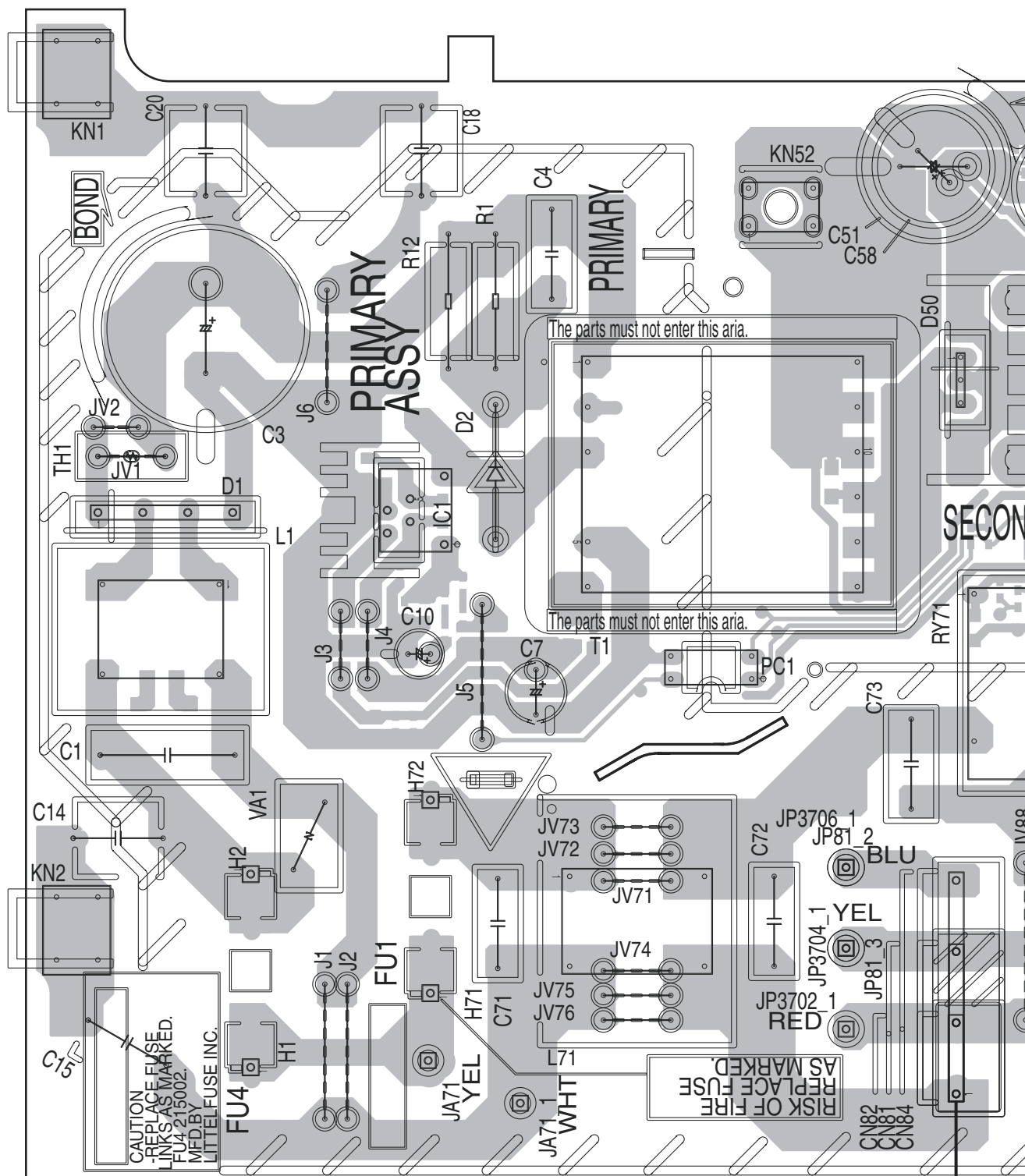




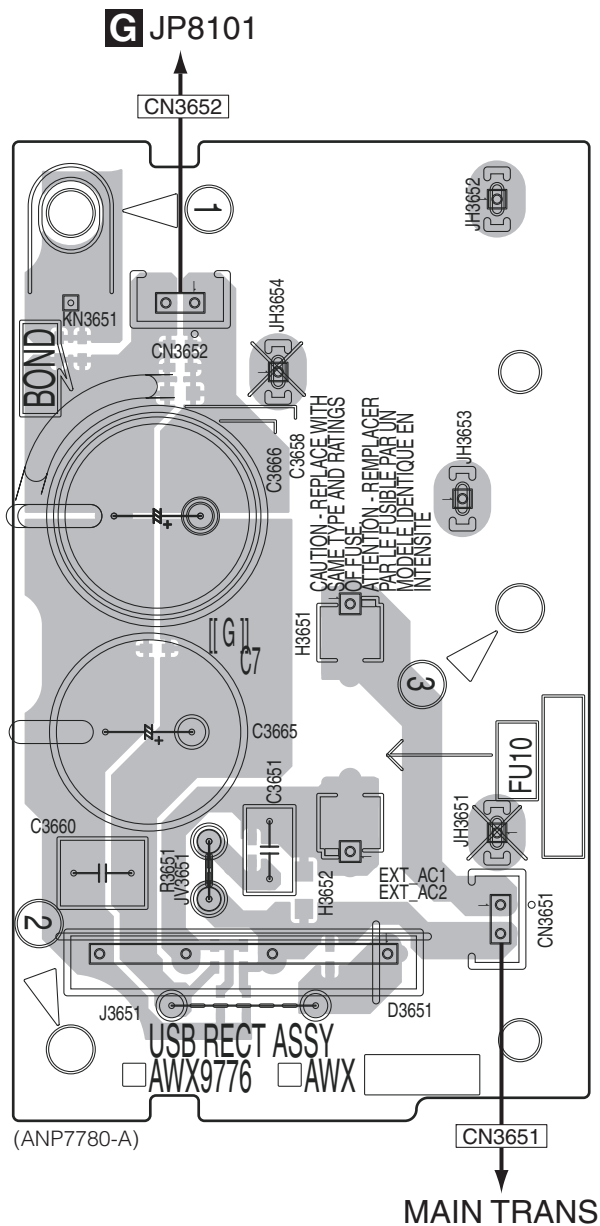
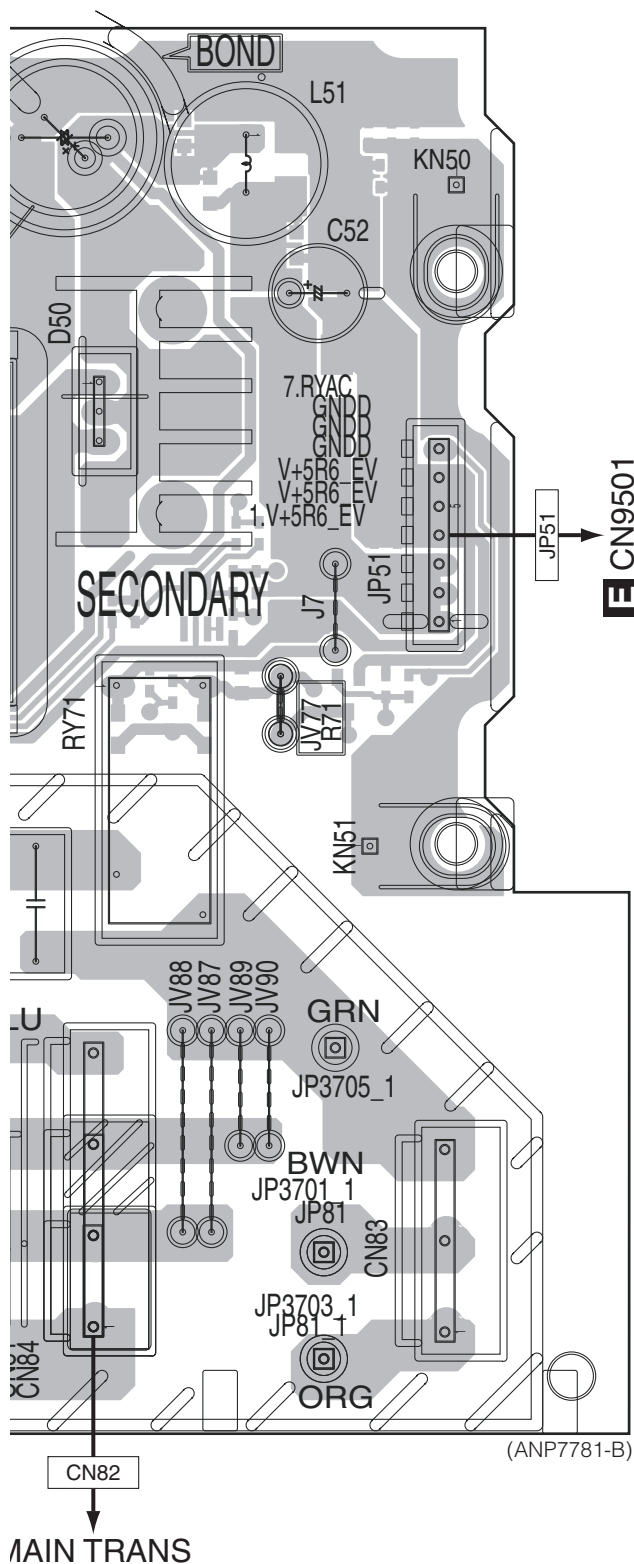
11.10 PRIMARY and USB RECT ASSYS

SIDE A

K PRIMARY ASSY



L USB RECT ASSY



SIDE B

A

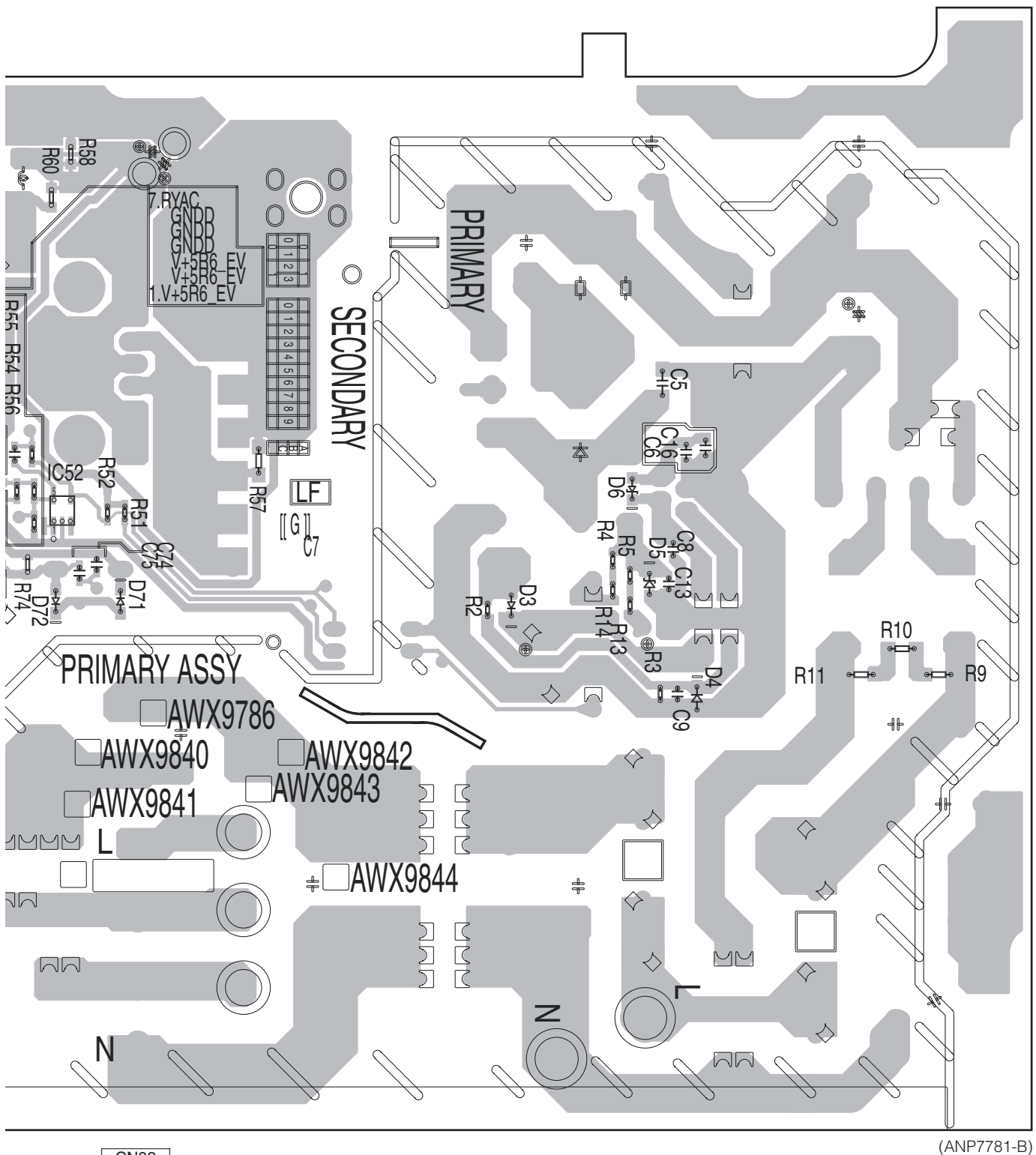
B

C

D

E

F



(ANP7781-B)

SIDE A

IC	IC4002	IC4001	IC4021
Q	Q4082		

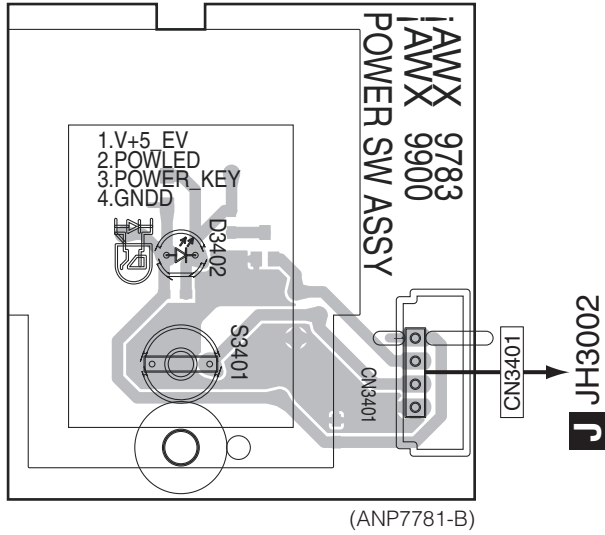


11.12 POWER SW, ENCODER and MIC HP ASSYS

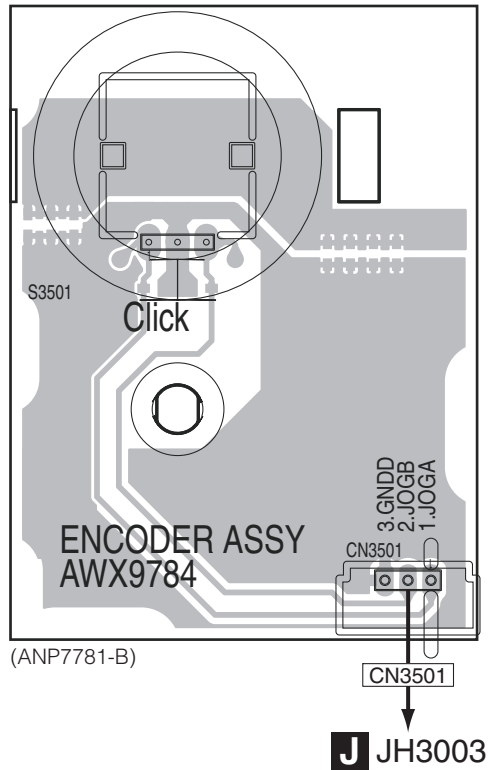
SIDE A

SIDE A

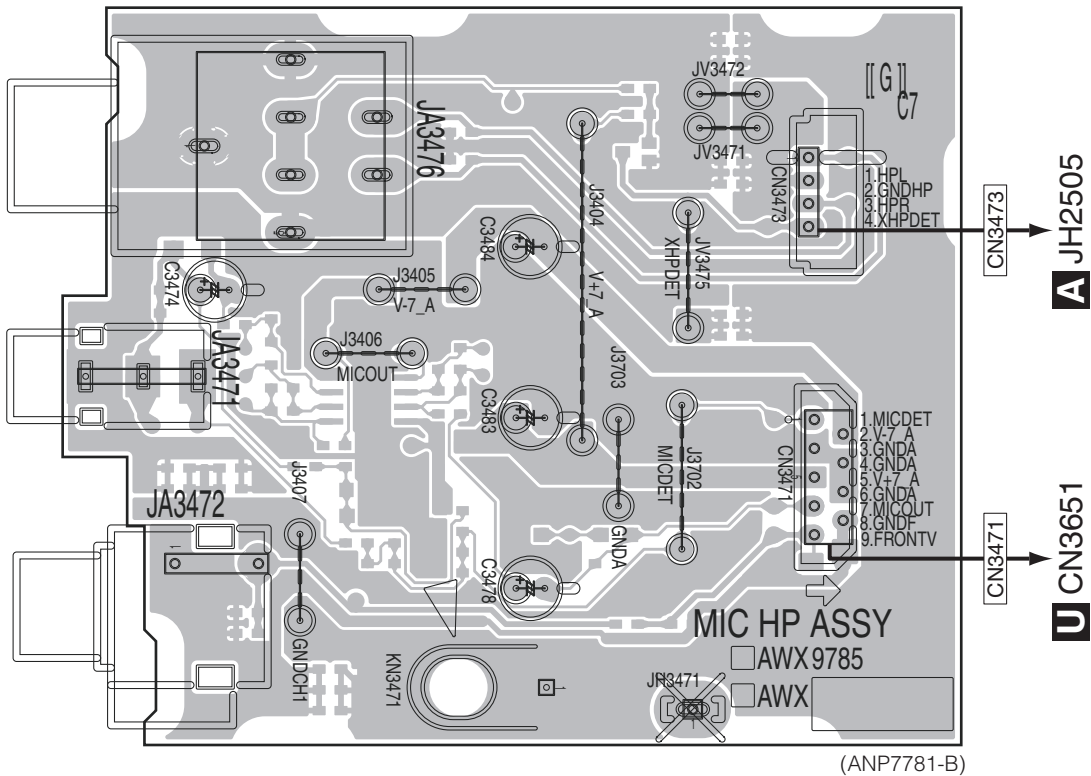
N POWER SW ASSY



O ENCODER ASSY



P MIC HP ASSY



N O P

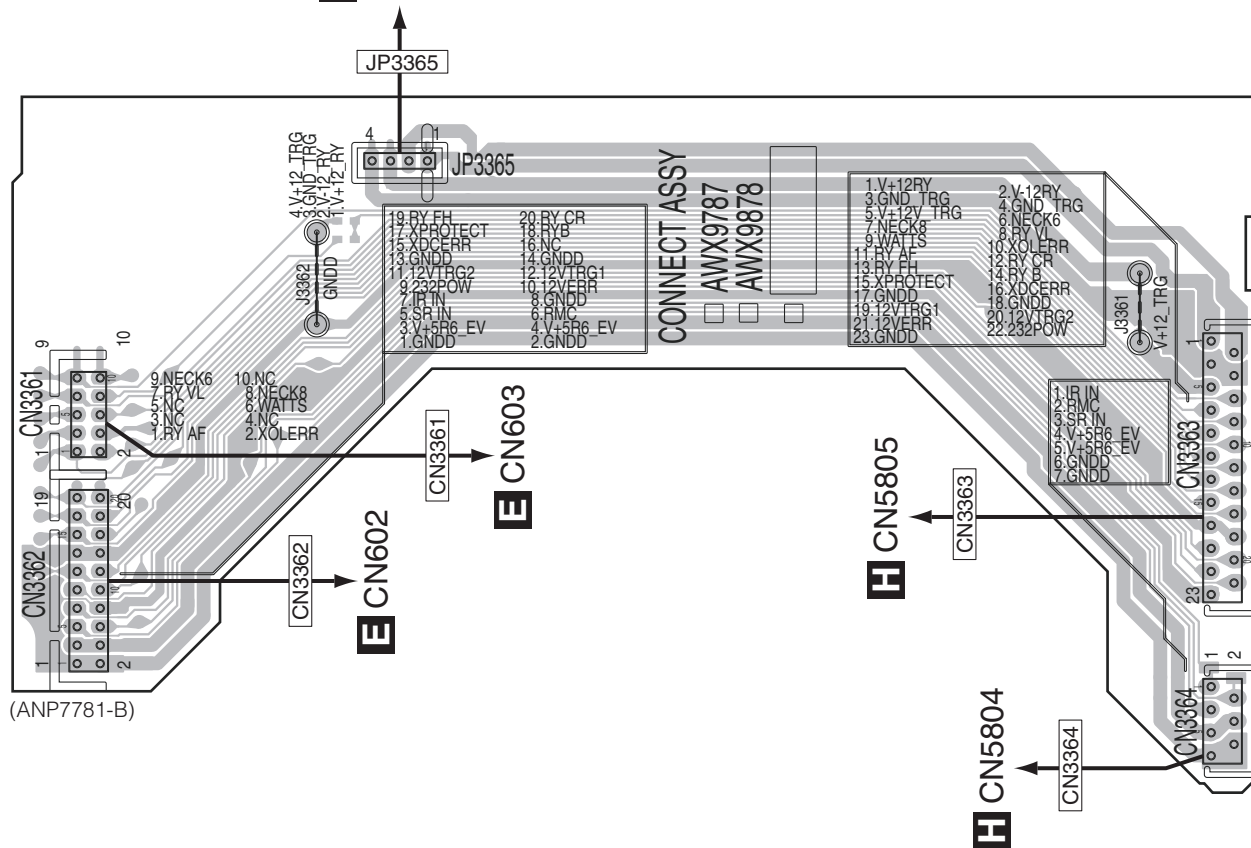
N O P

11.13 CONNECT and A-DAC BRIDGE ASSYS

SIDE A

SIDE A

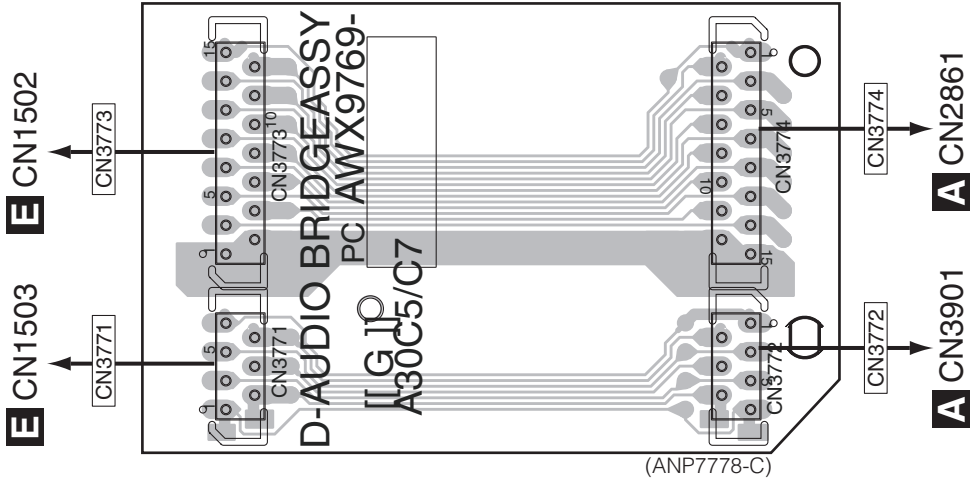
Q CONNECT ASSY

M CN4103

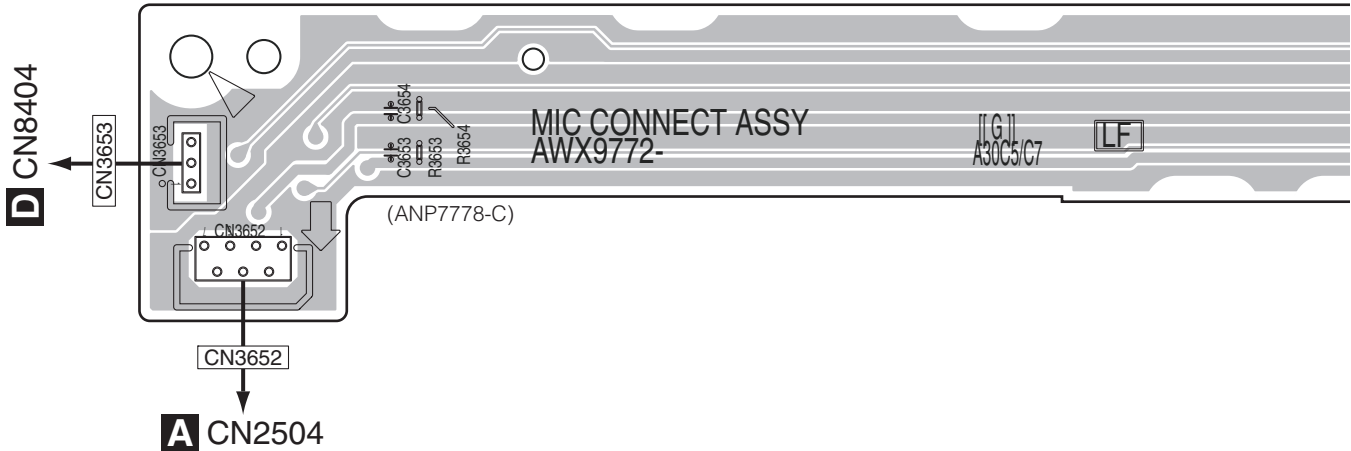
11.14 D-AUDIO BRIDGE, D-DAC BRIDGE and MIC CONNECT ASSYS

SIDE A

S D-AUDIO BRIDGE ASSY



U MIC CONNECT ASSY



SIDE A

A

B

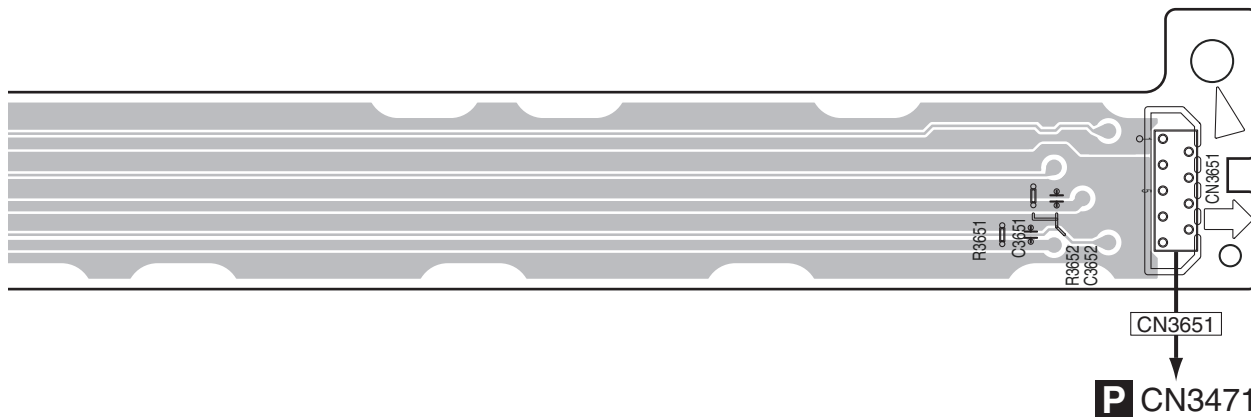
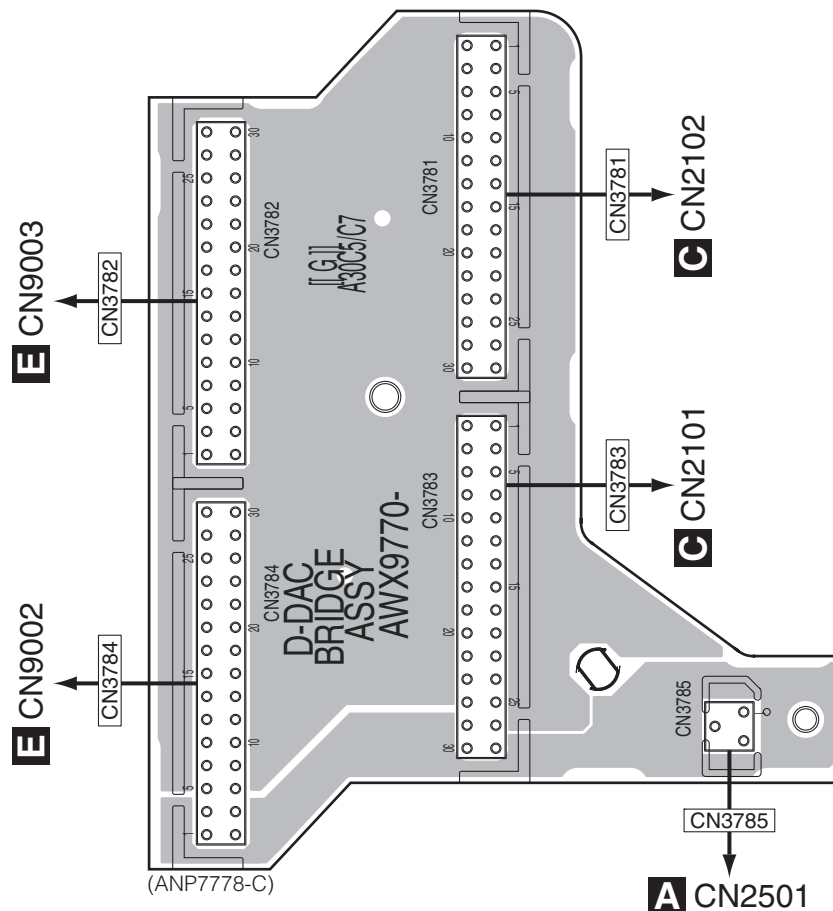
C

D

E

F

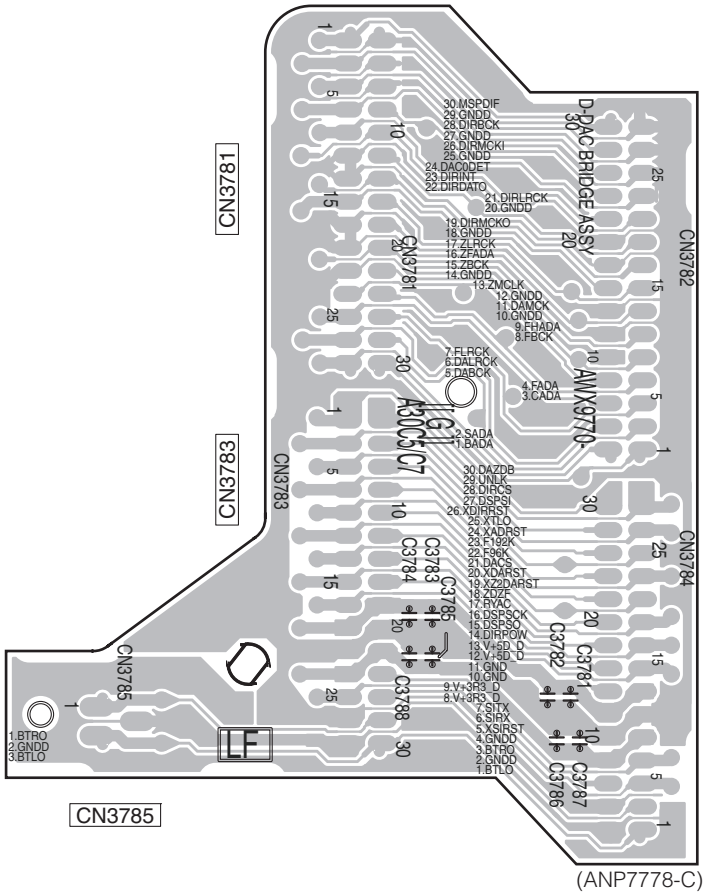
T D-DAC BRIDGE ASSY



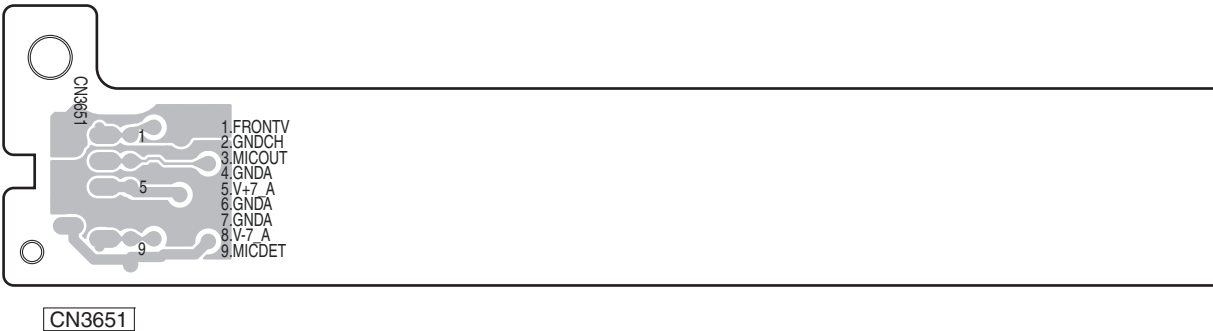
T **U**

SIDE B

T D-DAC BRIDGE ASSY



U MIC CONNECT ASSY



SIDE B

A

B

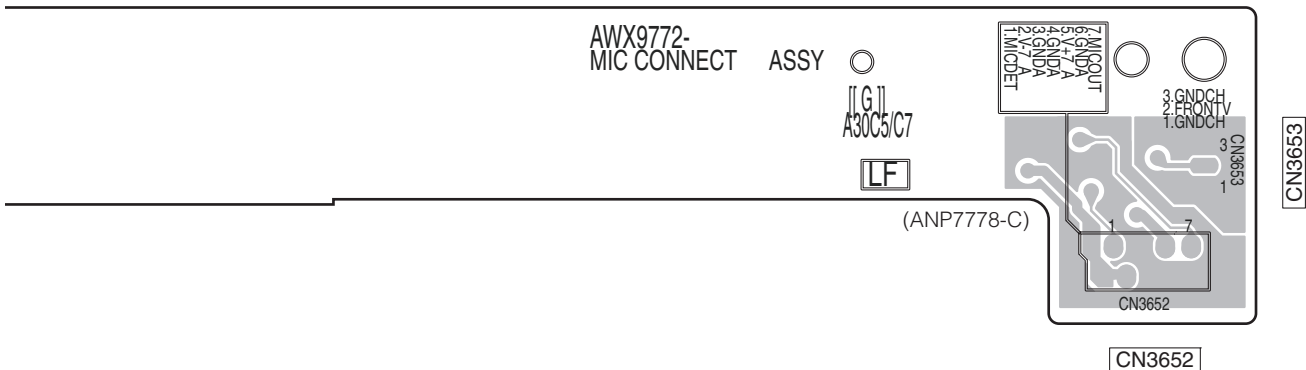
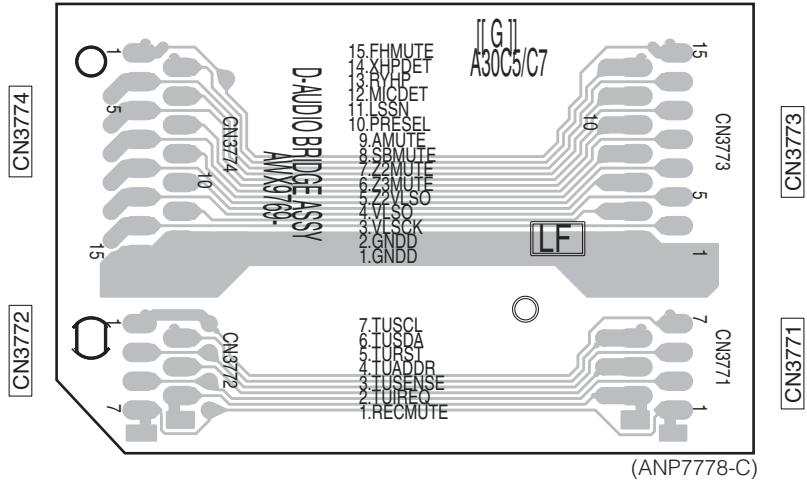
C

D

E

F

S D-AUDIO BRIDGE ASSY



11.15 POSI 1-3, BIND L FRONT and BIND L BACK ASSYS

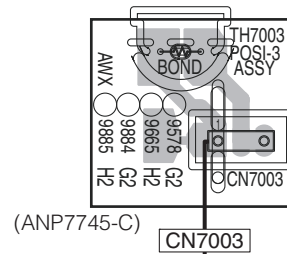
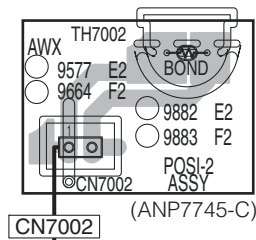
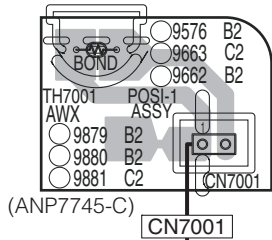
SIDE A

SIDE A

V POSI 1 ASSY

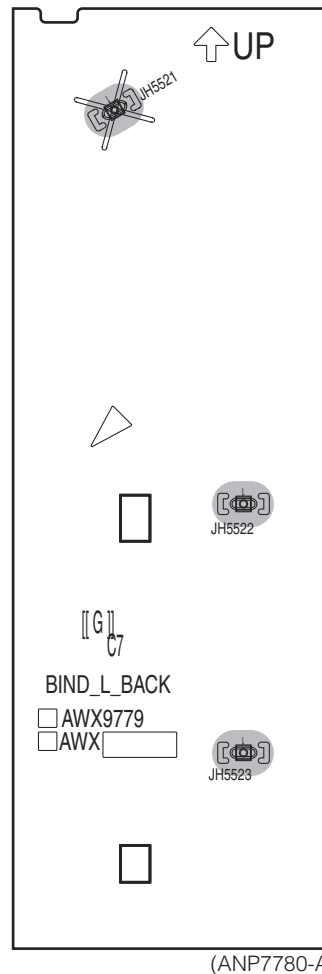
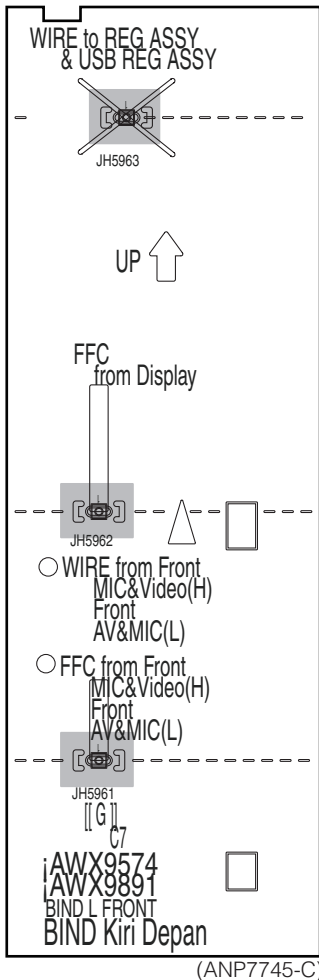
W POSI 2 ASSY

X POSI 3 ASSY



Y BIND L FRONT ASSY

Z BIND L BACK ASSY



V W X Y Z

V W X Y Z

SIDE B

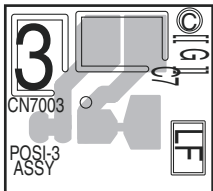
SIDE B

A

X POSI 3 ASSY

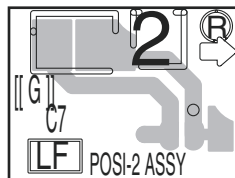
W POSI 2 ASSY

V POSI 1 ASSY



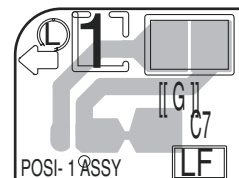
(ANP7745-C)

CN7003



(ANP7745-C)

CN7002



(ANP7745-C)

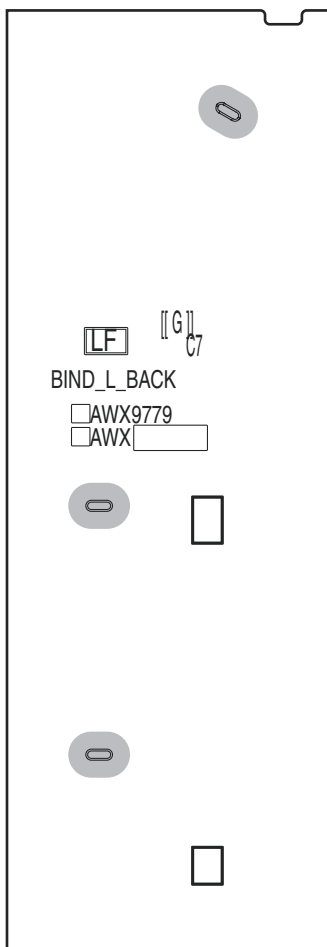
CN7001

B

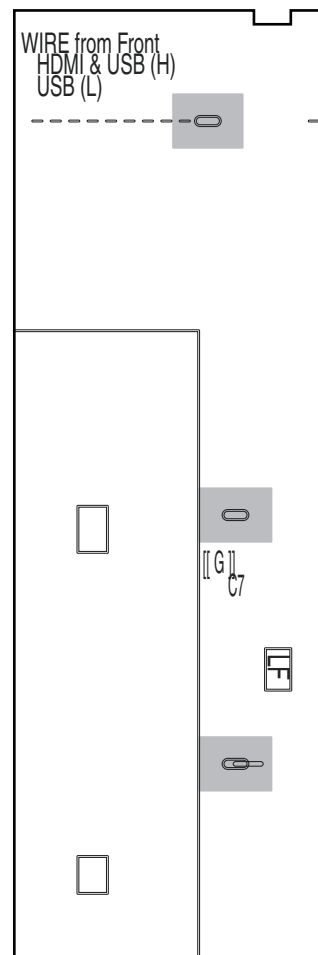
Z BIND L BACK ASSY

Y BIND L FRONT ASSY

C



(ANP7780-A)



(ANP7745-C)

D

E

F

V W X Y Z

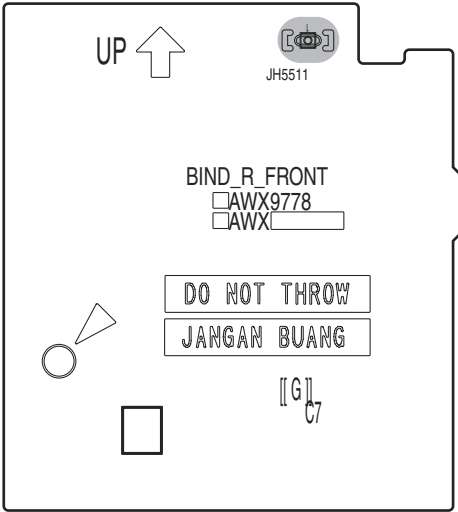
V W X Y Z

11.16 BIND R FRONT, BIND DISP FFC, FFC GUARD / GUARD 2 and BIND R BACK ASSYS

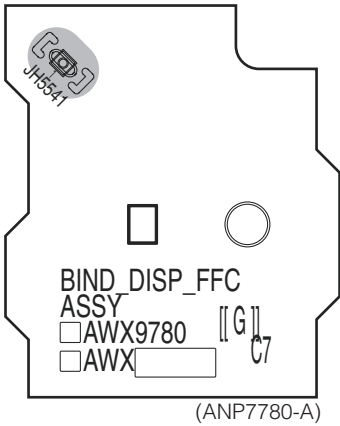
SIDE A

SIDE A

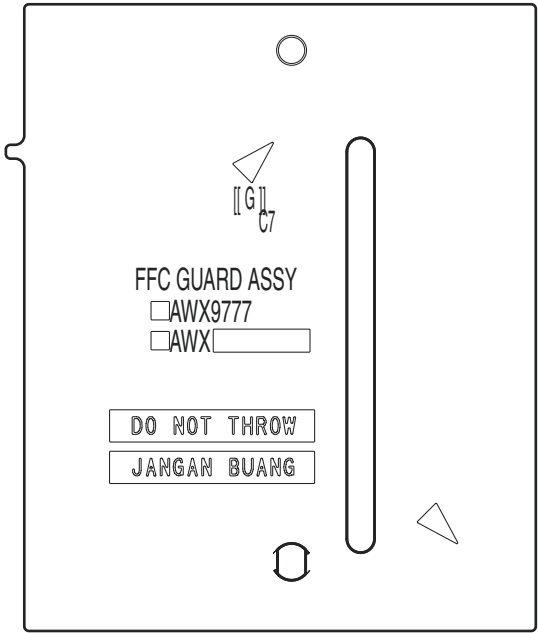
AA BIND R FRONT ASSY



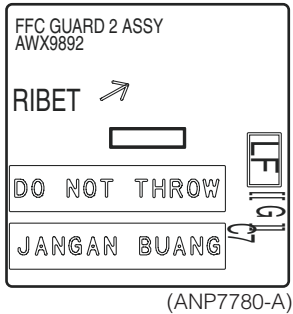
AB BIND DISP FFC ASSY



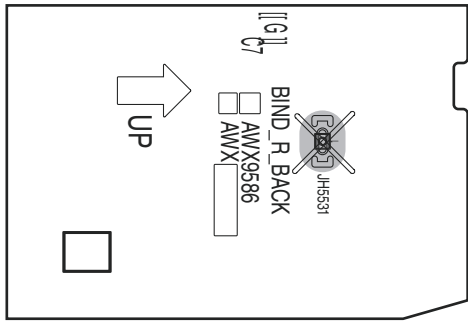
AC FFC GUARD ASSY



AD FFC GUARD 2 ASSY

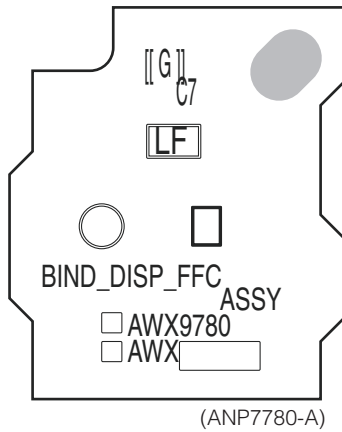
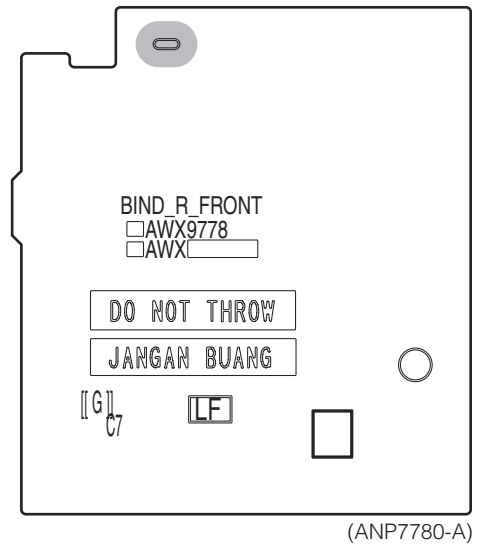
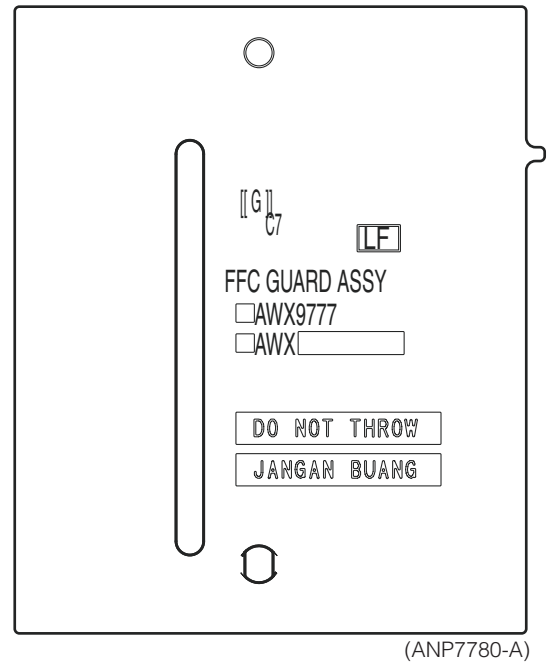
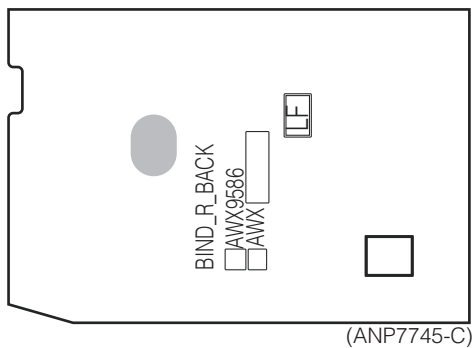


AE BIND R BACK ASSY



AA AB AC AD AE

AA AB AC AD AE

SIDE B**SIDE B****AB BIND DISP FFC ASSY****AA BIND R FRONT ASSY****AD FFC GUARD 2 ASSY****AC FFC GUARD ASSY****AE BIND R BACK ASSY****AA AB AC AD AE****AA AB AC AD AE**

12. PCB PARTS LIST

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

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

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

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

560 Ω $\rightarrow$ 56×10^1 $\rightarrow$ 561.....RD1/4PU $\begin{bmatrix} 5 & 6 & 1 \end{bmatrix}$ J

47 k Ω $\rightarrow$ 47×10^3 $\rightarrow$ 473.....RD1/4PU $\begin{bmatrix} 4 & 7 & 3 \end{bmatrix}$ J

0.5 Ω $\rightarrow$ R50.....RN2H $\begin{bmatrix} R & 5 & 0 \end{bmatrix}$ K

1 Ω $\rightarrow$ 1R0.....RSIP $\begin{bmatrix} 1 & R & 0 \end{bmatrix}$ K

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

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

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
LIST OF ASSEMBLIES							
NSP	1..	LOCAL POWER ASSY	AWM8247	NSP	1..	AMP ASSY(VSX-1126-K/1121-K)	AWM8275
	2..	REGULATOR ASSY	AWX9774		2..	POSI 1 ASSY	AWX9879
	2..	PRESTAGE ASSY	AWX9775		2..	POSI 2 ASSY	AWX9882
	2..	USB RECT ASSY	AWX9776		2..	POSI 3 ASSY	AWX9884
	2..	BIND R FRONT ASSY	AWX9778		2..	POWER AMP ASSY	AWX9890
	2..	BIND L BACK ASSY	AWX9779		2..	BIND L FRONT ASSY	AWX9891
	2..	BIND DISP FFC ASSY	AWX9780	NSP	2..	BIND R BACK ASSY	AWX9586
NSP	2..	FFC GUARD ASSY	AWX9777				
NSP	2..	FFC GUARD 2 ASSY	AWX9892	NSP	1..	AUDIO COMPOSITE ASSY(VSX-53/1326-K)	AWR7102
					2..	AUDIO ASSY	AWX9767
C	NSP	1..COMPLEX ASSY(VSX-53/52)	AWM8248		2..	COMPOSITE ASSY	AWX9768
	2..	DISPLAY ASSY	AWX9782		2..	D-AUDIO BRIDGE ASSY	AWX9769
	2..	POWER SW ASSY	AWX9783		2..	D-DAC BRIDGE ASSY	AWX9770
	2..	ENCODER ASSY	AWX9784		2..	A-DAC BRIDGE ASSY	AWX9771
	2..	MIC HP ASSY	AWX9785		2..	MIC CONNECT ASSY	AWX9772
	2..	PRIMARY ASSY	AWX9786				
	2..	VOL ASSY	AWX9788	NSP	1..	AUDIO COMPOSITE ASSY(VSX-52/1126-K/1121-K)	AWR7105
	2..	CONNECT ASSY	AWX9878		2..	AUDIO ASSY	AWX9830
					2..	COMPOSITE ASSY	AWX9768
NSP	1..	COMPLEX ASSY(VSX-1326-K/1126-K/1121-K)	AWM8254		2..	D-AUDIO BRIDGE ASSY	AWX9769
	2..	DISPLAY ASSY	AWX9839		2..	D-DAC BRIDGE ASSY	AWX9770
	2..	POWER SW ASSY	AWX9900		2..	A-DAC BRIDGE ASSY	AWX9771
	2..	ENCODER ASSY	AWX9784		2..	MIC CONNECT ASSY	AWX9772
	2..	MIC HP ASSY	AWX9785				
	2..	PRIMARY ASSY	AWX9786		1..	DAC LOW ASSY	AWX9773
	2..	VOL ASSY	AWX9788				
	2..	CONNECT ASSY	AWX9878		1..	DIGITAL MAIN ASSY(VSX-53/1326-K)	AWX9825
NSP	1..	AMP ASSY(VSX-53/1326-K)	AWM8270		1..	DIGITAL MAIN ASSY(VSX-52/1126-K/1121-K)	AWX9826
	2..	POSI 1 ASSY	AWX9879				
	2..	POSI 2 ASSY	AWX9882		1..	COMPONENT ASSY	AWX9864
	2..	POSI 3 ASSY	AWX9884				
	2..	POWER AMP ASSY	AWX9886		1..	FRONT HDMI USB ASSY	AWX9897
	2..	BIND L FRONT ASSY	AWX9891				
NSP	2..	BIND R BACK ASSY	AWX9586		1..	FM/AM TUNER UNIT	AXX7282
E	NSP	1..AMP ASSY(VSX-52)	AWM8274				
	2..	POSI 1 ASSY	AWX9879				
	2..	POSI 2 ASSY	AWX9882				
	2..	POSI 3 ASSY	AWX9884				
	2..	POWER AMP ASSY	AWX9889				
	2..	BIND L FRONT ASSY	AWX9891				
NSP	2..	BIND R BACK ASSY	AWX9586				



AUDIO ASSY

AWX9767 and AWX9830 are constructed the same except for the following:

Mark	Symbol and Description	AWX9767	AWX9830
	Q2971	IMX25	Not used
	JA2951 Pin Jack(4p)	XKB3017	Not used
	JA2952 2p Pin Jack	Not used	AKB7233
	R2867	RS1/10SR562J	Not used
	R2868	RS1/10SR222J	Not used
	R2901	RS1/10SR104J	Not used
	R2902	RS1/10SR104J	Not used
	R2971	RS1/10SR102J	Not used
	R2972	RS1/10SR102J	Not used
	R2973	RS1/10SR102J	Not used
	R2974	RS1/10SR102J	Not used
	R2975	RS1/10SR102J	Not used
	R2976	RS1/10SR102J	Not used
	C2864	CKSRYB104K50	Not used
	C2866	CKSRYB104K50	Not used
	C2903	CEAT100M50	Not used
	C2904	CEAT100M50	Not used
	C2983	CKSRYB103K50	Not used



POWER AMP ASSY

AWX9886, AWX9889 and AWX9890 are constructed the same except for the following:

Mark	Symbol and Description	AWX9886	AWX9889	AWX9890
	Q5865	RT3T22M	Not used	Not used
	Q5951	LTC124EUB	LTC124EUB	Not used
	Q5952	LSA1576UB(QR)	LSA1576UB(QR)	Not used
	Q5953	LTC124EUB	LTC124EUB	Not used
	Q5954	LSA1576UB(QR)	LSA1576UB(QR)	Not used
	Q5955	LTC124EUB	LTC124EUB	Not used
	Q5956	LSA1576UB(QR)	LSA1576UB(QR)	Not used
	Q5957	LSA1576UB(QR)	LSA1576UB(QR)	Not used
	Q5958	LSA1576UB(QR)	LSA1576UB(QR)	Not used
	D5931	MC2848-11	Not used	Not used
	D5935	1SS357	Not used	Not used
	L5933 Chip Solid Inductor	QTL1013	Not used	Not used
	L5951 Chip Solid Inductor	ATL7002	ATL7002	Not used
	JA5807 JACK	AKN-209	AKN-209	Not used
	JA5811 JACK	VKB1243	Not used	Not used
	R5931	Not used	RS1/10SR0R0J	RS1/10SR0R0J
	R5933	RS1/10SR622J	Not used	Not used
	R5939	RS1/10SR104J	Not used	Not used
	R5947	RS1/10SR0R0J	Not used	Not used
	R5951	RS1/10SR103J	RS1/10SR103J	Not used
	R5952	RS1/10SR103J	RS1/10SR103J	Not used
	R5953	RS1/10SR120J	RS1/10SR120J	Not used
	R5954	RS1/10SR120J	RS1/10SR120J	Not used
	R5955	RS1/10SR120J	RS1/10SR120J	Not used
	R5956	RS1/10SR472J	RS1/10SR472J	Not used
	R5957	RS1/10SR472J	RS1/10SR472J	Not used
	R5958	RS1/10SR472J	RS1/10SR472J	Not used
	R5959	RS1/10SR472J	RS1/10SR472J	Not used
	R5960	RS1/10SR0R0J	RS1/10SR0R0J	Not used
	R5961	RS1/10SR0R0J	RS1/10SR0R0J	Not used

Mark	Symbol and Description	AWX9886	AWX9889	AWX9890
A	R5962	RS1/10SR0R0J	RS1/10SR0R0J	Not used
	R5963	RS1/10SR120J	RS1/10SR120J	Not used
	R5964	RS1/10SR0R0J	RS1/10SR0R0J	Not used
	R5965	RS1/10SR0R0J	RS1/10SR0R0J	Not used
	R5966	RS1/10SR0R0J	RS1/10SR0R0J	Not used
	C5932	CKSRYB103K50	Not used	Not used
	C5934	CKSRYB153K50	Not used	Not used
	C5951	CKSRYB104K16	CKSRYB104K16	Not used
	C5953	CKSRYB103K50	CKSRYB103K50	Not used
	C5954	CKSRYB103K50	CKSRYB103K50	Not used
	C5955	CKSRYB102K50	CKSRYB102K50	Not used
	C5957	CKSRYB472K50	CKSRYB472K50	Not used

J DISPLAY ASSY

AWX9782 and AWX9839 are constructed the same except for the following:

Mark	Symbol and Description	AWX9782	AWX9839
C	Q3207	LTC124EUB	Not used
	Q3210	LTC124EUB	Not used
	Q3211	LTC124EUB	Not used
	Q3212	LTC124EUB	Not used
	Q3213	LTC124EUB	Not used
	D3204	SLR343BC4T(JKLM)	SLR-343VC(NPQ)
	D3206	SLR343BC4T(JKLM)	SLR-343VC(NPQ)
	D3208	SLR343BC4T(JKLM)	SLR-343VC(NPQ)
	D3210	SLR343BC4T(JKLM)	SLR-343VC(NPQ)
	D3212	SLR343BC4T(JKLM)	Not used
	R3068	RS1/10SR102J	Not used
	R3079	Not used	RS1/10SR0R0J
	R3095	RS1/10SR101J	Not used
	R3114	Not used	RS1/10SR0R0J
	R3211	Not used	RS1/10SR0R0J
	R3212	Not used	RS1/10SR0R0J
	R3213	Not used	RS1/10SR0R0J
	R3214	Not used	RS1/10SR0R0J
D	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

N POWER SW ASSY

AWX9783 and AWX9900 are constructed the same except for the following:

Mark	Symbol and Description	AWX9783	AWX9900
F	Q3401	LTC143EUB	Not used
	D3402	SLR343BC4T(JKLM)	Not used
	R3401	RS1/10SR151J	Not used
	C3401	CCSRCH221J50	Not used

Mark

No. Description

Part No.

A

AUDIO ASSY

SEMICONDUCTORS

IC 2501	BD3473KS2
IC 2701	TC4066BFN
IC 2702,2751,2801	NJM4565MD
IC 3221	TC4052BFN
IC 3251,3271	NJM4565V
Q 2721,2853,3221,3222	LTC124EUB
Q 2722	LTA124EUB
Q 2803,2951,2971,3101	IMX25
Q 2852	LSA1576UB
Q 3001	2SD1858X
Q 3002	2SB1237X
Q 3102,3151,3152,3201	IMX25
Q 3202,3251,3252,3271	IMX25
Q 3272,3274	IMX25
Q 3901	2SD1664
D 2691,2701,2702	1SS302
D 2851,2852	1SS352
D 3001,3002	HZU7R5(B2)
D 3902	UDZS5R6(B)
D 3903	UDZS3R3(B)

MISCELLANEOUS

JA 2501,2504,2951 PIN JACK(4P)	XKB3017
JA 2502,2505 2P PIN JACK	AKB7233
JA 3101 PIN JACK(4P)	XKB3017
JA 3102 RCA JACK	AKB7236
JA 3201 PIN JACK(6P)	XKB3037
RY 2851 RELAY	CSR1031
CN2501 3P SOCKET	XKP3072
CN2502 B TO B CONNECTOR	AKP7269
CN2504 7P CONNECTOR	52044-0745
CN2861 15P SOCKET	XKP3078
CN3001 14P SOCKET	AKP7248
CN3052 CONNECTOR	9607S-19F
CN3901 7P SOCKET	XKP3074
CN3902 CONNECTOR	9604S-09C
JH 2505 4P CABLE HOLDER	51048-0400
JP 2505 JUMPER WIRE	D20PYY0455E
JP 3002 CONNECTOR ASS'Y	PF06PG-S47

RESISTORS

R 2819,2820	RD1/4MUF330J
R 3032	RS1/8SQ822J
Other Resistors	RS1/10SR###J

CAPACITORS

C 2505,2506,2525,2526	CEAT220M50
C 2545,2546,2587,2588	CEAT220M50
C 2565,2566,2707,2708	CEAT100M50
C 2609,2610,2731,2732	CEAT220M50
C 2691,2692,3011,3012	CCSRCH331J50
C 2693,2694	ACH1479
C 2695,2696	CFHXSQ103J16
C 2697,2698,2700,2703	CCSRCH101J50
C 2701,2702,2705,2706	CKSRYB103K50
C 2704,2759,2852,2853	CCSRCH101J50

Mark

No. Description

Part No.

C 2751-2758,2760,2903	CEAT100M50
C 2761,2762,2803,2804	CKSRYB103K50
C 2801,2802,2805,2806	CEAT1ROM50
C 2807,2808	CCSRCH221J50
C 2815,2816	CKSQYB103K50
C 2817,2818	CEAT470M25
C 2819,2820	CEAT471M16
C 2821,2822,3911-3913	CCSRCH100D50
C 2851	CEAT101M35
C 2863-2866,3905,3918	CKSRYB104K50
C 2904,2907,2908,3025	CEAT100M50
C 2981,2983,3007,3008	CKSRYB103K50
C 3001,3002	CEAT2R2M50
C 3009,3010,3951	CCSRCH101J50
C 3026,3952	CEAT100M50
C 3105,3106,3155,3205	CEAT220M50
C 3206,3217,3218,3255	CEAT220M50
C 3223,3224,3265,3266	CKSRYB103K50
C 3256,3275,3276	CEAT220M50
C 3285,3286,3904,3907	CKSRYB103K50
C 3903,3906	CEAT101M16
C 3909	CCSRCH331J50
C 3915-3917,3919-3921	CCSRCH100D50
C 3949	CCSRCH100D50
C 3959,3960	CKSRYB224K25

B

COMPOSITE ASSY

SEMICONDUCTORS

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

MISCELLANEOUS

JA 3601-3603 2P PIN JACK	AKB7229
JA 3605 1P PIN JACK	AKB7231
CN3601 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	CEAT101M16

C

DAC LOW ASSY

SEMICONDUCTORS

IC 2001	AK4118AEQ
IC 2004	TC74LCX08FK
IC 2010	TC74VHC08FK
IC 2106	TC74VHC126FK
IC 2181	NJM2855DL1-33
IC 2183	NJM2845DL1-05
IC 2201	PCM1691DCA
IC 2231,2281,2331,2381	NJM4565MD
IC 2401,2402,2451	NJM4565MD
IC 2431	PCM1804DB

Mark No. Description Part No.

A	IC 2471	AK4388ET
	D 2130	1SS302
	D 2431,2432	1SS301
	D 2433,2434	1SS300

MISCELLANEOUS

■	L 2004-2008 CHIP SOLID INDUCTOR	QTL1013
	L 2102,2201 CHIP SOLID INDUCTOR	QTL1013
	L 2202,2431 CHIP SOLID INDUCTOR	QTL1013
	L 2442,2471 CHIP SOLID INDUCTOR	QTL1013
	L 2472,2473 INDUCTOR	CTF1379

B	JA 2002-2004 OPT. LINK IN	AKS7001
	JA 2006 OPT OUT MODULE	AKS7007
	JA 2008 PIN JACK(2P)	AKB7173
	JA 2101 SOCKET	BKP1127
	KN2201 SCREW PLATE	VNE1948

■	CN2101,2102 SOCKET(30PL)	BKP1047
	CN2103 B TO B CONNECTOR	AKP7269
	CN2104 14P SOCKET	AKP7248

RESISTORS

C	R 2007-2009,2012,2016	RS1/16SS101J
	R 2017,2020,2431,2432	RS1/16SS100J
	R 2018,2084-2087,2210	RS1/16SS470J
	R 2019,2211,2489	RS1/16SS680J
	R 2021,2023-2025,2027	RS1/16SS101J

■	R 2022,2048,2212-2216	RS1/16SS221J
	R 2026	RS1/16SS471J
	R 2028	RS1/16SS1002F
	R 2029,2049,2088,2115	RS1/16SS101J
	R 2089,2096,2097	RS1/16SS0R0J

D	R 2116-2118,2120	RS1/16SS220J
	R 2119,2168,2263,2433	RS1/16SS101J
	R 2158,2160,2162,2164	RS1/16SS104J
	R 2165-2167,2169,2170	RS1/16SS0R0J
	R 2171-2174,2177,2178	RS1/16SS104J

■	R 2189	RS1/8SQ225J
	R 2190	RS1/8SQ475J
	R 2191	RS1/8SQ105J
	R 2201,2202	RS1/16SS103J
	R 2217-2220,2227,2487	RS1/16SS470J

■	R 2434,2480,2481,2485	RS1/16SS101J
	R 2440	RS1/16SS0R0J
	R 2469,2471,2472	RS1/16SS221J
	R 2473,2474	RS1/16SS102J
	R 2484	RS1/16SS473J

E	R 2490	RS1/16SS820J
	Other Resistors	RS1/10SR###J

CAPACITORS

■	C 2002,2005,2124,2126	CKSRYB103K50
	C 2003,2006,2010-2012	CKSRYB104K16
	C 2014,2122	CKSRYB104K16
	C 2018,2021,2024,2181	CEAK101M16
	C 2019,2022,2028,2033	CCSSCH471J50

F	C 2020,2023,2029,2032	CKSSYB104K16
	C 2026,2065,2066	CKSRYB474K16
	C 2030	ACH7272
	C 2046,2112,2219,2421	CCSSCH471J50
	C 2047,2106,2183,2194	CKSSYB104K16

Mark No. Description Part No.

C	2054,2413,2414	CCSRCH101J50
	2055	CEAK102M16
	2059	CEAK221M16
	2060	CCSRCH100D50
	2127,2128,2451,2452	CEAT220M50

C	2129,2130,2223,2224	CKSRYB103K50
	2178,2185,2186,2214	CKSRYB104K50
	2179,2184,2187,2432	CEAK101M35
	2182	CCSRCH102J50
	2193	CKSQYB225K10

C	2195,2440	CEAK101M16
	2201,2202,2211,2477	CKSRYB105K16
	2203,2473,2474	CEAT470M25
	2204,2212,2216	CEAT101M16
	2205,2207	CCSSCH331J50

C	2206,2208,2220,2422	CKSSYB104K16
	2215,2217,2401,2402	CKSRYB104K50
	2231,2232,2281,2282	CEAT1R0M50
	2233,2234,2445,2455	CCSRCH471J50
	2235,2236,2285,2335	CCSRCH271J50

C	2237,2238,2283,2333	CCSRCH331J50
	2239,2240,2289,2290	CEAT100M50
	2245,2251,2252,2273	CKSRYB103K50
	2274,2286,2295,2323	CKSRYB103K50
	2277	CCSSCH100D50

C	2284	CKSRYB223K50
	2287,2337,2338,2387	CCSRCH391J50
	2288	CKSRYB562K50
	2324,2345,2373,2374	CKSRYB103K50
	2331,2332,2381,2382	CEAT1R0M50

C	2334,2383,2384	CCSRCH331J50
	2336,2385,2386	CCSRCH271J50
	2339,2340,2389,2390	CEAT100M50
	2388,2453,2454	CCSRCH391J50
	2395,2434,2439,2464	CKSRYB103K50

C	2403,2404	DCH1201
	2405-2408,2459,2460	CEAT100M50
	2411,2412,2415,2416	CKSQYB103K50
	2433,2435,2438	CKSRYB104K50
	2436,2437	ACH7211

C	2441-2443,2446,2457	CKSRYB104K50
	2456,2475,2489	CCSRCH471J50
	2458,2472,2476,2480	CKSRYB104K50
	2478	CKSRYB103K50
	2481,2483,2484	CCSSCH471J50

C	2482	CKSSYB104K16
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D COMPONENT ASSY

SEMICONDUCTORS

IC	8301	NJW1327FU1
	8401	NJM2505AF
	8501	PDC162A
	8601	HIN202EIBNZ
	8301,8604	LSA1576UB

5	6	7	8				
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	Q	8302,8501,8603	LSC4081UB	E	DIGITAL MAIN ASSY (VSX-53/VSX-1326-K)		
	Q	8303,8605	LTC114EUB				
⚠	Q	8401	2SD1664				
⚠	Q	8402	2SB1132				
	D	8301,8302,8601,8605	1SS352	SEMICONDUCTORS			
	D	8401	1SS302	IC	101	UPD61283F1-407LU2A	
	D	8404,8408	UDZS3R9(B)	IC	104	NJM12904V	
MISCELLANEOUS				IC	401	AYW7345	
L	8501	CHIP COIL	LCYA330J2520	IC	403,404	H5DU2562GTR-J3C	
JA	8301	6P PIN JACK NI	AKB7224	IC	602	341S2164	
JA	8304	3P PIN JACK NI	AKB7227	IC	603	PE7008A	
JA	8601	9P D-SUB SOCKET	AKP7256	IC	604	PDJ019A	
X	8501	CRYSTAL RESONATOR	ASS7080	IC	605,1504	TC7SH08FUS1	
				IC	608	TC74VHCT541AFK	
				IC	610,1806	TC74VHC126FK	
CN	8301-8303	20P PLUG	AKM7171				
CN	8404	L-PLUG(3P)	KM200NA3L	IC	611,1809	TC74VHCT125AFK	
JP	8403	CONNECTOR ASS'Y	PF06PG-S52	IC	612,1502	TC74VHCT08AFKS1	
RESISTORS				IC	613	TC74VHC08FK	
R	8301-8306	RS1/10SR75R0F		IC	903	SI9233ACTU	
R	8310,8312,8314	RS1/10SR68R0F		IC	905	SI9387CTU	
	Other Resistors	RS1/10SR###J					
CAPACITORS				IC	907	TC74VHC541FK	
C	8301,8302,8383,8417	CEAT101M10		IC	909	ADV7181CBSTZ	
C	8303,8319,8320,8333	CCSRCH102J50		IC	1201,1203,1218	TC7SZ125FU	
C	8304,8306,8308,8314	CKSRYB104K50		IC	1202	TC74LCX541FK	
C	8305,8307,8310,8313	DCH1201		IC	1204	88DE2750	
C	8309,8317,8322,8340	CKSQYB105K25					
C	8311,8312,8330,8331	CKSRYB103K50		IC	1205-1211,1215	TC74VCX541FK	
C	8315,8318,8321,8324	DCH1201		IC	1212	H5PS5162GFR-S5C	
C	8316,8323,8325,8327	CKSRYB104K50		⚠	IC	1216	LP2996M
C	8326,8341-8343,8345	DCH1201		⚠	IC	1505	BD2224G
C	8328,8336,8337,8344	CKSRYB104K50			IC	1602,1603	SI9136CTU
C	8334,8389,8403,8408	CCSRCH102J50		⚠	IC	1604,1814	TC74VHC157FK
C	8338,8339,8360,8402	CKSRYB103K50			IC	1605,1606	AAT4614AIGU-2
C	8346,8348,8404,8405	DCH1201			IC	1607	TC7SH32FUS1
C	8347,8349,8395,8401	CKSRYB104K50			IC	1608,1804	TC7SZ08FU
C	8354,8355,8381,8382	CKSRYB105K16			IC	1802	TC7WZ08FK
C	8358,8359	CCSRCH470J50			IC	1803	ICS87002BM-05
C	8376,8377,8379,8611	CCSRCH100D50			IC	1808	TC7WHU04FK
C	8384,8385,8388	CKSRYB473K50			IC	1815,1816	TC74LCX157FK
C	8386	CKSRYB562K50			IC	1817	TC74VHC125FK
C	8387,8390	CKSRYB105K16			IC	9001,9003	IS42S16400F-6TL
C	8406,8407,8503,8509	CCSRCH101J50			IC	9002	D810K013BZKB400
C	8409,8414	DCH1201			IC	9004	AYW7347
C	8410,8413,8415,8421	CCSRCH102J50			IC	9005	TC7WGU04FK
C	8418,8520,8521,8613	CEAT101M10			IC	9006	TC7SHU04FUS1
C	8419,8420	CEAT221M10		⚠	IC	9201	IS42S16160C-6TL
C	8422,8501,8513	CCSRCH102J50		⚠	IC	9202	BD2226G
C	8504,8505	CCSRCH5R0C50		NSP	IC	9203	LAN8700C-AEZG
C	8506,8508	CCSRCH240J50		⚠	IC	9204	DM860
C	8507,8510	CCSRCH122J50			IC	9205	AYW7346
C	8511,8512	CCSRCH101J50		⚠	IC	9501	S-1172B10-U5
C	8515,8601,8607	CKSRYB103K50		⚠	IC	9502,9503,9505,9506	S-1172B12-U5
C	8522,8523,8602	CKSRYB104K50		⚠	IC	9504,9511,9513	S-1170B50UC-OUJ
C	8604-8606	CKSRYB104K50		⚠	IC	9507	MB39C011A
C	8608	CCSRCH471J50		⚠	IC	9508	S-1170B25UC-OTK
C	8610	CCSRCH331J50		⚠	IC	9509	MM1701WH
C	8612,8614,8619	CCSRCH100D50		⚠	IC	9510	NJM2846DL3-33
				⚠	IC	9512	NJM2872BF33
					Q	601,607-609	RN4983
					Q	604,1502-1505,1507	LTA124EUB
					Q	903	HN1K02FU

Mark	No.	Description	Part No.
A	Q	1501,9001,9002,9004	LTC114YUB
	Q	1506,1722-1728	LSA1576UB
	Q	1729-1731,9504,9506	LSC4081UB
	Q	9501,9502	SH8M12
	Q	9503	RZQ045P01
	Q	9505	RTQ040P02
	D	601	RB501V-40
	D	901,903,904	1SS301
	D	1601,1602	RKZ5.1KG(B2)
	D	9504	1SS352

MISCELLANEOUS

B	L	103 INDUCTOR	LCTC150K2125
	L	105,601-606 CHIP BEADS	VTL1129
	L	607 CHIP BEADS	VTL1132
	L	901,905,906,918 CHIP BEADS	ATL7010
	L	902-904,907,913 CHIP BEADS	VTL1129
	L	917,919,1201,1202 CHIP BEADS	VTL1129
	L	921 INDUCTOR	CTF1547
	L	922,1210,1607,1608 CHIP BEADS	ATL7010
	L	1204-1209,1211-1216 CHIP BEADS	VTL1129
	L	1220,1503,1601,1602 CHIP BEADS	VTL1129
C	L	1501 FILTER	CTF1703
	L	1502,1504 CHIP BEADS	VTL1134
	L	1604-1606,1620,1802 CHIP BEADS	VTL1129
	L	1609-1616 COIL	ATH7064
	L	1617 CHIP BEADS	VTL1126
	L	1618,1619 FERRITE BEAD	CTF1528
	L	1722-1724 INDUCTOR	ATL7033
	L	1725-1727 INDUCTOR	ATL7035
	L	1728 INDUCTOR	LCTC100K2125
	L	1729-1731 INDUCTOR	LCTC4R7K2125
D	L	1803,1806,1808-1811 CHIP BEADS	VTL1129
	L	1805 INDUCTOR	CTF1786
	L	1815-1818,9001,9005 CHIP BEADS	VTL1129
	L	9002,9003,9205,9206 CHIP BEADS	ATL7010
	L	9004,9010 CHIP BEADS	VTL1128
	L	9007,9201,9202,9204 CHIP BEADS	VTL1129
	L	9207-9210,9212-9214 CHIP BEADS	VTL1129
	L	9215,9216 COIL	ATH7082
	L	9501,9502,9507,9510 CHIP BEADS	ATL7010
	L	9503,9511-9513 CHIP BEADS	VTL1129
E	L	9506 INDUCTOR	ATH7087
	L	9509 INDUCTOR	ATH7086
	F	102,103,107,108 EMI FILTER	DTL1106
	JA	901-907,1601,1602 HDMI JACK	AKP7268
	JA	1501 CONNECTOR	CKS5712
	JA	9201 USB CONNECTOR	DKB1106
	JA	9202 RJ45 CONNECTOR	AKN7115
	KN	602 SCREW PLATE	VNE1948
	X	602,901 CRYSTAL	ASS7092
	X	902 CRYSTAL	ASS7111
	X	1201 CRYSTAL	ASS7114
	X	1801 CRYSTAL OSCILLATOR	ASS7102
	X	1802 CRYSTAL OSCILLATOR	ASS7101
	X	9001 RESONATOR	CSS1795
	CN	601 39P CONNECTOR	VKN2098
F	CN	602,1722,1723 20P SOCKET	AKP7249
	CN	604,606 PLUG(2P)	KM200NA2L
	CN	605 L-PLUG(3P)	KM200NA3L
	CN	607 B TO B CONNECTOR	AKP7270
	CN	1501 CONNECTOR	AKM1276

Mark	No.	Description	Part No.
	CN	1502 15P SOCKET	XKP3078
	CN	1503 7P SOCKET	XKP3074
	CN	9002,9003 SOCKET(30PL)	BKP1047
	CN	9501 CONNECTOR	B7B-EH
	JH	9501,9502 PCB BINDER	VEF1040
P	601	POLY SWITCH	NANOSMDC035F

RESISTORS

R	106,107,1205-1207	RAB4CQ221J
R	114,141	RS1/10SR43R0D
R	145,146	RS1/10SR1000D
R	150,165,407,408	RAB4CQ103J
R	193,1765	RS1/16SS4700F
R	198,200,293,294	RS1/16SS1001F
	229,238,239,247	RAB4CQ473J
	261,269,273,288	RAB4CQ473J
	303,1060,1061,1515	RS1/10SR0R0J
	409,424-426	RAB4CQ560J
R	415-420,431-434	RAB4CQ103J
	435,436,441,442	RAB4CQ220J
	448-450,455	RAB4CQ330J
	460-462,467,1041	RAB4CQ330J
	468-470,487,1279	RAB4CQ220J
R	478,1235,9227	RAB4CQ472J
	608,609,615,624	RAB4CQ0R0J
	611-614,641,701	RAB4CQ101J
	680,956,1216,1217	RAB4CQ473J
	957,1242-1245,1248	RAB4CQ470J
R	966,970,980,983	RAB4CQ680J
	988,1228,1234,1238	RAB4CQ100J
	998,1000,1001	RAB4CQ0R0J
	999,1025,1201,1204	RAB4CQ680J
	1032,1292	RS1/8SQ105J
R	1047-1049,1236,1250	RAB4CQ330J
	1202,1208,1277,1284	RAB4CQ151J
	1214,1215	RAB4CQ221J
	1221,1222,1251-1256	RAB4CQ473J
	1227,1229	RS1/10SR101J
R	1240,1261,1263	RAB4CQ100J
	1249,9006,9011,9012	RAB4CQ470J
	1258-1260,1262,1270	RAB4CQ473J
	1264-1269,1275,9209	RAB4CQ330J
	1271,1274,1278,1283	RAB4CQ473J
R	1287,1614-1617,1622	RAB4CQ473J
	1288,1289,1291	RAB4CQ151J
	1336-1341	RAB4CQ0R0J
	1550,1755,1776,9523	RS1/10SR0R0J
	1625,1633,1642,1645	RAB4CQ473J
R	1650,1651	RS1/16SS4701F
	1742-1744,1749,1751	RS1/16SS2200F
	1752,1754	RS1/16SS2200F
	1753,1777,1778	RS1/16SS56R0F
	1756-1758	RS1/16SS5601F
R	1767,1769,1771	RS1/16SS3300D
	9007-9010	RAB4CQ220J
	9016-9019,9021,9024	RAB4CQ470J
	9026,9028,9029,9031	RAB4CQ470J
	9040,9043,9048,9049	RAB4CQ470J

5		6		7		8	
Mark	No. Description	Part No.	Mark	No. Description	Part No.		
R	9050	RAB4CQ101J	C	439,618,624,631	CCSSCH331J50	A	
R	9211	RAB4CQ330J	C	442,619,620,627	CCSSCH102J50		
R	9215,9216	RAB4CQ680J	C	445,447,607,610	CKSSYB104K16		
R	9226,9232,9233,9236	RAB4CQ470J	C	446,604,608,611	CCSSCH100D50		
R	9234,9235	RAB4CQ121J	C	609,655,929,967	CEVW101M16		
R	9237,9240	RAB4CQ470J	C	613,615-617,622	CKSSYB104K16		
R	9254	RAB4CQ103J	C	614,625,653,667	CKSSYB103K25		
R	9264-9266,9268	RAB4CQ473J	C	621,629,630,634	CCSSCH100D50		
R	9285	RS1/16SS1242F	C	626,628,632,637	CKSSYB104K16		
R	9290-9292,9294	RS1/16SS49R9F	C	633,635,639,641	CCSSCH102J50		
R	9312	RS1/16SS3001F	C	638,642-645,652	CKSSYB104K16	B	
R	9514,9515	RS1/8SQ475J	C	640,651,703,741	CCSSCH100D50		
R	9518	RS1/16SS1501D	C	646,663,914	CEVW470M4		
R	9520,9531	RS1/16SS3302D	C	647,648,696,713	CCSSCH331J50		
R	9522	RS1/16SS1502D	C	649,650,657,658	CCSSCH102J50		
R	9524,9526,9528-9530	RS1/10SR0R0J	C	654,661,662,664	CKSSYB104K16		
R	9533	RS1/16SS2402D	C	660,682,690-692	CCSSCH101J50		
R	9534	RS1/16SS2401D	C	665,949	CCSSCH8R0D50		
R	9536,9538-9540,9542	RS1/8SQ0R0J	C	666,943	CCSSCH9R0D50		
R	9543,9555,9564	RS1/8SQ0R0J	C	670,672,674,677	CCSSCH102J50		
R	9548	RS1/4SA105J	C	671,675,676,680	CKSSYB104K16	C	
R	9550,9551	RS1/10SR0R0J	C	681,687-689,919	CKSSYB104K16		
Other Resistors		RS1/16SS###J	C	685,956,980,1043	CKSSYB103K25		
			C	693,1040,1363,1530	CCSSCH221J50		
			C	697,705-708,717	CCSSCH101J50		
CAPACITORS			C	698-701,704	CCSSCH102J50		
C	103,173,406,433	CCSSCH100D50	C	718,720,721,751	CCSSCH101J50		
C	104,107,108,115	CKSSYB104K16	C	726,902,904,906	CCSSCH331J50		
C	105,109,111,113	DCH1246	C	727-731,740	CCSSCH102J50		
C	106,110,117,131	CCSSCH102J50	C	742,745,746,755	CCSSCH100D50		
C	112,126,199,424	DCH1201	C	748-750,754,757	CCSSCH102J50	D	
C	114,118,168,411	CKSSYB103K25	C	752,924,938,993	CCSSCH101J50		
C	116,119,120,122	CKSSYB104K16	C	908,920,923,936	CCSSCH331J50		
C	121,127,128,130	DCH1246	C	911,937,972,973	CCSSCH102J50		
C	123,156,166,194	CEVW101M4	C	913,918,945,946	CCSSCH471J50		
C	124,125,129,133	CKSSYB104K16	C	916,928,950,951	DCH1246		
C	132,141,151,171	CCSSCH102J50	C	917,933,934,942	CCSSCH100D50		
C	134,139,143,144	DCH1246	C	921,922,925,931	CKSSYB104K16		
C	135-138,145,146	CKSSYB104K16	C	926,1529	CEVW470M6R3		
C	140,995,1203,1207	CEVW221M4	C	935,940,944,947	CKSSYB104K16		
C	142,147,175,423	CCSSCH331J50	C	941,953,957,971	CCSSCH331J50		
C	149,152-155,159	CKSSYB104K16	C	948,954,955,960	CKSSYB104K16		
C	150,623,636,659	CCSSCH101J50	C	952,958,959,961	CCSSCH471J50		
C	157,158,167,169	DCH1246	C	962,964,965,968	CKSSYB104K16		
C	162	ACH7299	C	963,979,982,983	CCSSCH471J50		
C	170,177,187,401	DCH1246	C	969,975,987,999	DCH1246	E	
C	172,178,184,185	CKSSYB104K16	C	974,977,981,984	CKSSYB104K16		
C	174,176,190,402	CCSSCH102J50	C	976,989,1024,1030	CCSSCH102J50		
C	186,1526,1527	CEVW100M16	C	978,9008	CCSSCH330J50		
C	188,195,196,200	CKSSYB104K16	C	988,994,1001,1003	CKSSYB104K16		
C	198,9245,9607	CKSQYB225K16	C	991,1025,1031,1064	CEVW101M16		
C	201,203,204,403	CKSSYB104K16	C	997,1021,1062,1216	CCSSCH100D50		
C	404,408,410,413	DCH1246	C	1000,1002,1004,1006	CCSSCH471J50		
C	407,409,417,428	CKSSYB104K16	C	1005,1007,1009,1012	CKSSYB104K16		
C	412,415,420,441	CCSSCH102J50	C	1008,1010,1069,1212	CCSSCH471J50		
C	414,416,418,421	DCH1246	C	1013,1023,1029,1219	CCSSCH331J50	F	
C	419,432,438,606	CKSSYB103K25	C	1014,1015,1027,1033	CCSSCH101J50		
C	422,431,434,437	DCH1246	C	1018,1026,1032,1034	CKSSYB104K16		
C	425,915,927,1048	DCH1201	C	1028,1036,9105,9106	CCSSCH270J50		
C	429,435,440,443	CKSSYB104K16	C	1035,1037,1046,1049	CCSSCH102J50		
C	430,436	CEVW101M4					

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	C	1038,1039,1047	CKSSYB104K16	C	1661,1702,1703,1756	CCSSCH101J50	
	C	1041,1225,1231,1246	CCSSCH101J50	C	1665,1752,1821,1832	CEVW101M16	
	C	1044	CKSSYB823K10	C	1667,1709,1824,1825	CCSSCH471J50	
	C	1045,1054,1056,1270	CKSSYB103K25	C	1671,1697,1698,1729	CCSSCH100D50	
	C	1050-1052,1055,1057	CKSSYB104K16	C	1674-1681,1683-1685	VCG1066	
■	C	1059,1061,1067,1068	CKSSYB104K16	C	1687,1689-1692	VCG1066	
	C	1060,1063,1065,1074	DCH1201	C	1694,1839	CKSBYB105K16	
	C	1070,1215,1227,1252	CCSSCH102J50	C	1700,1710,1736-1742	CKSSYB104K16	
	C	1071,1072,1206,1210	CKSSYB104K16	C	1731,9009,9034,9037	CCSSCH100D50	
	C	1075,1209,1357,1664	CEVW101M16	C	1732-1735,9226,9228	DCH1201	
B	C	1079,1214,1349-1351	DCH1246	C	1743-1745	CCSSCH7R0D50	
	C	1205,1211,1228,1230	DCH1201	C	1746-1748	CCSSCH5R0C50	
	C	1208,1355,1358,1427	CEVW221M4	C	1749-1751,1760-1762	CCSSCH180J50	
	C	1213,1218,1223,1224	CKSSYB104K16	C	1753-1755	CCSSCH4R0C50	
	C	1221,1298,1345	CCSSCH471J50	C	1757-1759,1842	CCSSCH470J50	
■	C	1222,1686,1688,1693	CKSBYB105K16	C	1763	CCSSCH560J50	
	C	1226,1244,1248,1251	CCSSCH331J50	C	1764-1766	CCSSCH390J50	
	C	1229,1236,1238,1240	CKSSYB104K16	C	1767-1769,1809,1812	CKSSYB104K16	
	C	1237,1361,1410,1502	CCSSCH100D50	C	1806,1819,9001,9075	CKSBYB104K50	
	C	1243,1253-1255,1267	CKSSYB104K16	C	1807,1841,9011,9019	CCSSCH101J50	
C	C	1256,1268,1278,1286	CCSSCH101J50	C	1810,1813,1820,1829	CCSSCH331J50	
	C	1257,1311,1323,1388	CCSSCH331J50	C	1817,1828,1834,1840	CKSSYB104K16	
	C	1272,1276,1282,1285	CKSSYB104K16	C	1818,9571	CCSRCH102J50	
	C	1274,1294,1299,1325	CCSSCH102J50	C	1835,9003,9038,9039	CCSSCH471J50	
	C	1289,1296,1297,1305	CKSSYB104K16	C	1845,1855,1859,1861	CCSSCH331J50	
■	C	1313,1326	CCSSCH150J50	C	1846,1854,1858,1860	CKSSYB104K16	
	C	1318,1319,1324,1328	CKSSYB104K16	C	1862,9002,9006,9007	CKSSYB104K16	
	C	1322,1339,1392,1393	CCSSCH101J50	C	1863,9015,9032,9076	CCSSCH331J50	
	C	1333,1346,1347,1359	CCSSCH102J50	C	9004,9563,9600	CEVW101M16	
	C	1334,1341-1343,1362	CKSSYB104K16	C	9005,9029,9067,9217	CEVW221M4	
D	C	1352-1354,1428,1605	DCH1201	C	9010,9012,9014,9017	CKSSYB104K16	
	C	1364-1366,1371,1389	CCSSCH471J50	C	9016,9021,9022,9026	CCSSCH102J50	
	C	1367-1370,1380,1384	CKSSYB104K16	C	9018,9020,9023,9025	CKSSYB104K16	
	C	1381,1395,1401,1411	CCSSCH102J50	C	9024,9027,9046,9053	CCSSCH101J50	
	C	1385,1390,1391,1394	CKSSYB104K16	C	9028,9031,9033,9035	CKSSYB104K16	
■	C	1398,1408,1409,1425	CKSSYB104K16	C	9030,9583,9589,9684	DCH1246	
	C	1424,1540-1544,1654	CCSSCH102J50	C	9036,9041-9045,9047	CKSSYB104K16	
	C	1426,1501,1628,1629	CCSSCH101J50	C	9048,9051,9055,9057	CCSSCH102J50	
	C	1431,1503,1507,1508	CKSSYB104K16	C	9049,9052,9058-9060	CKSSYB104K16	
	C	1432,1506,1511,1613	CCSSCH331J50	C	9050,9079,9085	CCSSCH100D50	
E	C	1505,1808,1811,9201	CCG1222	C	9054,9056,9069,9070	CCSSCH471J50	
	C	1509,9545,9546	CEAT102M10-P35	C	9061,9062,9064,9206	CCSSCH102J50	
	C	1510,1519,1520,1534	CCSSCH100D50	C	9063,9066,9068,9071	CKSSYB104K16	
	C	1528,1614,1624	CKSSYB104K16	C	9072,9074,9077,9081	CCSSCH471J50	
	C	1531,9065	CCSSCH221J50	C	9073,9080,9203,9205	CKSSYB104K16	
■	C	1601,1602,1662,1663	CKSSYB102K50	C	9086,9087,9204,9250	CCSSCH101J50	
	C	1606,1650,1656	DCH1201	C	9088-9091,9093-9098	CCSSCH100D50	
	C	1608,1610,1612,1616	DCH1246	C	9100,9102-9104,9253	CCSSCH100D50	
	C	1609,1611,1615,1617	CCSSCH471J50	C	9207,9210,9212,9213	CKSSYB104K16	
	C	1618,1620,1622,1626	DCH1246	C	9208,9209,9211,9215	CCSSCH102J50	
F	C	1619,1621,1625,1627	CCSSCH471J50	C	9214,9249,9251,9265	CCSSCH331J50	
	C	1623,1633,1699,1701	CCSSCH331J50	C	9216,9219,9221,9227	CKSSYB104K16	
	C	1630-1632,1634,1635	CKSSYB104K16	C	9220,9222,9287,9289	CCSSCH471J50	
	C	1636,1638,1648,1649	CCSSCH101J50	C	9223,9282,9283,9594	CKSSYB103K25	
	C	1637,1639,1644,1645	CCSSCH471J50	C	9229,9231,9234,9237	CKSSYB104K16	
■	C	1640-1643,1653,1659	CKSSYB104K16	C	9230,9233,9236,9239	DCH1201	
	C	1646,1647,9040,9202	CKSSYB103K25	C	9232,9235,9238,9241	CCSSCH102J50	
	C	1651,1657,1695,1696	DCH1246	C	9240,9242,9244,9248	CKSSYB104K16	
	C	1652,1655,1658,1666	CCSSCH471J50	C	9243,9246,9257,9263	CCSSCH102J50	
	C	1660,1722,1723,9013	CCSSCH102J50	C	9247	CEVW221M10	

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	C	9252,9254,9256,9258	CKSSYB104K16		IC	907	TC74VHC541FK
	C	9255,9312,9327,9501	CCSSCH100D50		IC	909	ADV7181CBSTZ
	C	9259,9261,9275,9277	CCSSCH101J50		IC	1201,1203,1218	TC7SZ125FU
	C	9260,9262,9264,9266	CKSSYB104K16		IC	1202	TC74LCX541FK
	C	9267,9293,9507	CCSSCH331J50		IC	1204	88DE2750
	C	9268,9270,9272,9274	CKSSYB104K16		IC	1205-1211,1215	TC74VCX541FK
	C	9269,9271,9273,9279	CCSSCH102J50	⚠	IC	1212	H5PS5162GFR-S5C
	C	9276,9278,9286,9288	CKSSYB104K16	⚠	IC	1216	LP2996M
	C	9281,9310,9311,9505	CCSSCH102J50		IC	1505	BD2224G
	C	9284,9285,9510,9512	CCG1222		IC	1602	SI9136CTU
	C	9290,9292,9294	CKSSYB104K16	⚠	IC	1604,1814	TC74VHC157FK
	C	9291,9295	CCSSCH471J50		IC	1605	AAT4614AIGU-2
	C	9298-9300,9538,9557	BCG1059		IC	1608,1804	TC7SZ08FU
	C	9302	CKSSYB223K16		IC	1802	TC7WZ08FK
	C	9313-9319,9321	CKSSYB104K16		IC	1803	ICS87002BM-05
	C	9323-9326,9328,9504	CKSSYB104K16		IC	1808	TC7WHU04FK
	C	9506,9528,9591,9601	CKSSYB104K16		IC	1815,1816	TC74LCX157FK
	C	9513,9514,9522,9533	CCSSCH100D50		IC	1817	TC74VHC125FK
	C	9517,9519,9524,9526	CCG1222		IC	9001,9003	IS42S16400F-6TL
	C	9520,9574,9576,9609	CEVW221M4		IC	9002	D810K013BZKB400
	C	9529,9547,9553,9562	CCSSCH102J50		IC	9004	AYW7347
	C	9532,9534,9539,9550	CCG1222		IC	9005	TC7WGU04FK
	C	9543,9544,9556,9561	CKSRYB104K50		IC	9006	TC7SHU04FUS1
	C	9555,9559	CKSSYB473K16	⚠	IC	9201	IS42S16160C-6TL
	C	9558,9573,9575,9685	BCG1059		IC	9202	BD2226G
	C	9565	CKSSYB152K50		IC	9203	LAN8700C-AEZG
	C	9566,9568,9570,9579	CCSSCH102J50	NSP	IC	9204	DM860
	C	9569,9572,9582,9590	CCG1222	⚠	IC	9205	AYW7346
	C	9580,9585,9586,9597	CCSSCH102J50	⚠	IC	9501	S-1172B10-U5
	C	9581,9584,9592,9595	CCSSCH101J50		IC	9502,9503,9505,9506	S-1172B12-U5
	C	9596	CEVW331M6R3	⚠	IC	9504,9511,9513	S-1170B50UC-OUJ
	C	9598,9602,9672	CCSSCH100D50	⚠	IC	9507	MB39C011A
	C	9599,9617	CCSSCH102J50	⚠	IC	9508	S-1170B25UC-OTK
	C	9603,9605,9612,9614	CCG1222	⚠	IC	9509	MM1701WH
	C	9606,9616,9621-9645	CKSSYB104K16	⚠	IC	9510	NJM2846DL3-33
	C	9647-9671,9692-9697	CKSSYB104K16	⚠	IC	9512	NJM2872BF33
	C	9674,9676	CCG1222		Q	601,607-609	RN4983
					Q	604,1502-1505,1507	LTA124EUB
					Q	903	HN1K02FU
					Q	1501,9001,9002,9004	LTC114YUB
					Q	1506,1722-1728	LSA1576UB
					Q	1729-1731,9504,9506	LSC4081UB
				⚠	Q	9501,9502	SH8M12
				⚠	Q	9503	RZQ045P01
				⚠	Q	9505	RTQ040P02
					D	601	RB501V-40
					D	901,903,904	1SS301
					D	1601	RKZ5.1KG(B2)
					D	9504	1SS352

E

DIGITAL MAIN ASSY
(VSX-52/VSX-1126-K/VSX-1121-K)

SEMICONDUCTORS

IC 101	UPD61283F1-407LU2A
IC 104	NJM112904V
IC 401	AYW7345
IC 403,404	H5DU2562GTR-J3C
IC 602	341S2164
IC 603	PE7008A
IC 604	PDJ019A
IC 605,1504	TC7SH08FUS1
IC 608	TC74VHCT541AFK
IC 610,1806	TC74VHC126FK
IC 611,1809	TC74VHCT125AFK
IC 612,1502	TC74VHCT08AFKS1
IC 613	TC74VHC08FK
IC 903	SI9233ACTU
IC 905	SI9387CTU

MISCELLANEOUS

L 103	INDUCTOR	LCTC150K2125
L 105,601-606	CHIP BEADS	VTL1129
L 607	CHIP BEADS	VTL1132
L 901,905,906,918	CHIP BEADS	ATL7010
L 902-904,907,913	CHIP BEADS	VTL1129
L 917,919,1201,1202	CHIP BEADS	VTL1129
L 921	INDUCTOR	CTF1547
L 922,1210,1607,9002	CHIP BEADS	ATL7010
L 1204-1209,1211-1216	CHIP BEADS	VTL1129
L 1220,1503,1601,1604	CHIP BEADS	VTL1129

Mark No. Description Part No.

Mark No. Description Part No.

A	L 1501	FILTER	CTF1703
	L 1502,1504	CHIP BEADS	VTL1134
	L 1605,1620,1802,1803	CHIP BEADS	VTL1129
	L 1609-1612	COIL	ATH7064
	L 1617	CHIP BEADS	VTL1126
	L 1618	FERRITE BEAD	CTF1528
	L 1722-1724	INDUCTOR	ATL7033
	L 1725-1727	INDUCTOR	ATL7035
	L 1728	INDUCTOR	LCTC100K2125
	L 1729-1731	INDUCTOR	LCTC4R7K2125

B	L 1805	INDUCTOR	CTF1786
	L 1806,1808-1811	CHIP BEADS	VTL1129
	L 1815-1818,9001,9005	CHIP BEADS	VTL1129
	L 9003,9205,9206,9501	CHIP BEADS	ATL7010
	L 9004,9010	CHIP BEADS	VTL1128

	L 9007,9201,9202,9204	CHIP BEADS	VTL1129
	L 9207-9210,9212-9214	CHIP BEADS	VTL1129
	L 9215,9216	COIL	ATH7082
	L 9502,9507,9510	CHIP BEADS	ATL7010
	L 9503,9511-9513	CHIP BEADS	VTL1129

C	L 9506	INDUCTOR	ATH7087
	L 9509	INDUCTOR	ATH7086
	F 102,103,107,108	EMI FILTER	DTL1106
	JA 901-907,1601	HDMI JACK	AKP7268
	JA 1501	CONNECTOR	CKS5712

	JA 9201	USB CONNECTOR	DKB1106
	JA 9202	RJ45 CONNECTOR	AKN7115
	KN 602	SCREW PLATE	VNE1948
	X 602,901	CRYSTAL	ASS7092
	X 902	CRYSTAL	ASS7111

D	X 1201	CRYSTAL	ASS7114
	X 1801	CRYSTAL OSCILLATOR	ASS7102
	X 1802	CRYSTAL OSCILLATOR	ASS7101
	X 9001	RESONATOR	CSS1795
	CN 601	39P CONNECTOR	VKN2098

	CN 602,1722,1723	20P SOCKET	AKP7249
	CN 604,606	PLUG(2P)	KM200NA2L
	CN 605	L-PLUG(3P)	KM200NA3L
	CN 607	B TO B CONNECTOR	AKP7270
	CN 1501	CONNECTOR	AKM1276

	CN 1502	15P SOCKET	XKP3078
	CN 1503	7P SOCKET	XKP3074
	CN 9002,9003	SOCKET(30PL)	BKP1047
	CN 9501	CONNECTOR	B7B-EH
	JH 9501,9502	PCB BINDER	VEF1040

E	P 601	POLYSWITCH	NANOSMDC035F
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RESISTORS

	R 106,107,1205-1207	RAB4CQ221J
	R 114,141	RS1/10SR43R0D
	R 145,146	RS1/10SR1000D
	R 150,165,407,408	RAB4CQ103J
	R 193,1765	RS1/16SS4700F

F	R 198,200,293,294	RS1/16SS1001F
	R 229,238,239,247	RAB4CQ473J
	R 261,269,273,288	RAB4CQ473J
	R 303,1060,1061,1515	RS1/10SR0R0J
	R 409,424-426	RAB4CQ560J

R	415-420,431-434	RAB4CQ103J
	435,436,441,442	RAB4CQ220J
	448-450,455	RAB4CQ330J
	460-462,467,1041	RAB4CQ330J
	468-470,487,1279	RAB4CQ220J

R	478,1235,9227	RAB4CQ472J
	608,609,615,624	RAB4CQ0R0J
	611-614,641,701	RAB4CQ101J
	680,956,1216,1217	RAB4CQ473J
	957,1242-1245,1248	RAB4CQ470J

R	966,970,980,983	RAB4CQ680J
	988,1228,1234,1238	RAB4CQ100J
	998,1000,1001	RAB4CQ0R0J
	999,1025,1201,1204	RAB4CQ680J
	1032,1292	RS1/8SQ105J

R	1047-1049,1236,1250	RAB4CQ330J
	1202,1208,1277,1284	RAB4CQ151J
	1214,1215	RAB4CQ221J
	1221,1222,1251-1256	RAB4CQ473J
	1227,1229	RS1/10SR101J

R	1240,1261,1263	RAB4CQ100J
	1249,9006,9011,9012	RAB4CQ470J
	1258-1260,1262,1270	RAB4CQ473J
	1264-1269,1275,9209	RAB4CQ330J
	1271,1274,1278,1283	RAB4CQ473J

R	1287,1614-1617,1622	RAB4CQ473J
	1288,1289,1291	RAB4CQ151J
	1336-1341	RAB4CQ0R0J
	1550,1755,1776,9523	RS1/10SR0R0J
	1625,1633,1642,1645	RAB4CQ473J

R	1650	RS1/16SS4701F
	1742-1744,1749,1751	RS1/16SS2200F
	1752,1754	RS1/16SS2200F
	1753,1777,1778	RS1/16SS56R0F
	1756-1758	RS1/16SS5601F

R	1767,1769,1771	RS1/16SS3300D
	9007-9010	RAB4CQ220J
	9016-9019,9021,9024	RAB4CQ470J
	9026,9028,9029,9031	RAB4CQ470J
	9040,9043,9048,9049	RAB4CQ470J

R	9050	RAB4CQ101J
	9211	RAB4CQ330J
	9215,9216	RAB4CQ680J
	9226,9232,9233,9236	RAB4CQ470J
	9234,9235	RAB4CQ121J

R	9237,9240	RAB4CQ470J
	9254	RAB4CQ103J
	9264-9266,9268	RAB4CQ473J
	9285	RS1/16SS1242F
	9290-9292,9294	RS1/16SS49R9F

R	9312	RS1/16SS3001F
	9514,9515	RS1/8SQ475J
	9518	RS1/16SS1501D
	9520,9531	RS1/16SS3302D
	9522	RS1/16SS1502D

R	9524,9526,9528-9530	RS1/10SR0R0J
	9533	RS1/16SS2402D
	9534	RS1/16SS2401D
	9536,9538-9540,9542	RS1/8SQ0R0J
	9543,9555,9564	RS1/8SQ0R0J

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Mark	No. Description	Part No.	Mark	No. Description	Part No.		
R	9548	RS1/4SA105J	C	671,675,676,680	CKSSYB104K16		
R	9550,9551	RS1/10SR0R0J	C	681,687-689,919	CKSSYB104K16		
	Other Resistors	RS1/16SS###J	C	685,956,980,1043	CKSSYB103K25		A
			C	693,1040,1363,1530	CCSSCH221J50		
			C	697,705-708,717	CCSSCH101J50		
CAPACITORS			C	698-701,704	CCSSCH102J50		
C	103,173,406,433	CCSSCH100D50	C	718,720,721,751	CCSSCH101J50		
C	104,107,108,115	CKSSYB104K16	C	726,902,904,906	CCSSCH331J50		
C	105,109,111,113	DCH1246	C	727-731,740	CCSSCH102J50		
C	106,110,117,131	CCSSCH102J50	C	742,745,746,755	CCSSCH100D50		
C	112,126,199,424	DCH1201					
C	114,118,168,411	CKSSYB103K25	C	748-750,754,757	CCSSCH102J50		
C	116,119,120,122	CKSSYB104K16	C	752,924,938,993	CCSSCH101J50		
C	121,127,128,130	DCH1246	C	908,920,923,936	CCSSCH331J50		
C	123,156,166,194	CEVW101M4	C	911,937,972,973	CCSSCH102J50		B
C	124,125,129,133	CKSSYB104K16	C	913,918,945,946	CCSSCH471J50		
C	132,141,151,171	CCSSCH102J50	C	916,928,950,951	DCH1246		
C	134,139,143,144	DCH1246	C	917,933,934,942	CCSSCH100D50		
C	135-138,145,146	CKSSYB104K16	C	921,922,925,931	CKSSYB104K16		
C	140,995,1203,1207	CEVW221M4	C	926,1529	CEVW470M6R3		
C	142,147,175,423	CCSSCH331J50	C	935,940,944,947	CKSSYB104K16		
C	149,152-155,159	CKSSYB104K16	C	941,953,957,971	CCSSCH331J50		
C	150,623,636,659	CCSSCH101J50	C	948,954,955,960	CKSSYB104K16		
C	157,158,167,169	DCH1246	C	952,958,959,961	CCSSCH471J50		
C	162	ACH7299	C	962,964,965,968	CKSSYB104K16		
C	170,177,187,401	DCH1246	C	963,979,982,983	CCSSCH471J50		C
C	172,178,184,185	CKSSYB104K16	C	969,975,987,999	DCH1246		
C	174,176,190,402	CCSSCH102J50	C	974,977,981,984	CKSSYB104K16		
C	186,1526,1527	CEVW100M16	C	976,989,1024,1030	CCSSCH102J50		
C	188,195,196,200	CKSSYB104K16	C	978,9008	CCSSCH330J50		
C	198,9245,9607	CKSQYB225K16	C	988,994,1001,1003	CKSSYB104K16		
C	201,203,204,403	CKSSYB104K16	C	991,1025,1031,1064	CEVW101M16		
C	404,408,410,413	DCH1246	C	997,1021,1062,1216	CCSSCH100D50		
C	407,409,417,428	CKSSYB104K16	C	1000,1002,1004,1006	CCSSCH471J50		
C	412,415,420,441	CCSSCH102J50	C	1005,1007,1009,1012	CKSSYB104K16		
C	414,416,418,421	DCH1246	C	1008,1010,1069,1212	CCSSCH471J50		
C	419,432,438,606	CKSSYB103K25	C	1013,1023,1029,1219	CCSSCH331J50		D
C	422,431,434,437	DCH1246	C	1014,1015,1027,1033	CCSSCH101J50		
C	425,915,927,1048	DCH1201	C	1018,1026,1032,1034	CKSSYB104K16		
C	429,435,440,443	CKSSYB104K16	C	1028,1036,9105,9106	CCSSCH270J50		
C	430,436	CEVW101M4	C	1035,1037,1046,1049	CCSSCH102J50		
C	439,618,624,631	CCSSCH331J50	C	1038,1039,1047	CKSSYB104K16		
C	442,619,620,627	CCSSCH102J50	C	1041,1225,1231,1246	CCSSCH101J50		
C	445,447,607,610	CKSSYB104K16	C	1044	CKSSYB823K10		
C	446,604,608,611	CCSSCH100D50	C	1045,1054,1056,1270	CKSSYB103K25		
C	609,655,929,967	CEVW101M16	C	1050-1052,1055,1057	CKSSYB104K16		
C	613,615-617,622	CKSSYB104K16	C	1059,1061,1067,1068	CKSSYB104K16		E
C	614,625,653,667	CKSSYB103K25	C	1060,1063,1065,1074	DCH1201		
C	621,629,630,634	CCSSCH100D50	C	1070,1215,1227,1252	CCSSCH102J50		
C	626,628,632,637	CKSSYB104K16	C	1071,1072,1206,1210	CKSSYB104K16		
C	633,635,639,641	CCSSCH102J50	C	1075,1209,1357,1664	CEVW101M16		
C	638,642-645,652	CKSSYB104K16	C	1079,1214,1349-1351	DCH1246		
C	640,651,703,741	CCSSCH100D50	C	1205,1211,1228,1230	DCH1201		
C	646,663,914	CEVW470M4	C	1208,1355,1358,1427	CEVW221M4		
C	647,648,696,713	CCSSCH331J50	C	1213,1218,1223,1224	CKSSYB104K16		
C	649,650,657,658	CCSSCH102J50	C	1221,1298,1345	CCSSCH471J50		
C	654,661,662,664	CKSSYB104K16	C	1222,1686,1693,1839	CKSRBY105K16		
C	660,682,690-692	CCSSCH101J50	C	1226,1244,1248,1251	CCSSCH331J50		F
C	665,949	CCSSCH8R0D50	C	1229,1236,1238,1240	CKSSYB104K16		
C	666,943	CCSSCH9R0D50	C	1237,1361,1410,1502	CCSSCH100D50		
C	670,672,674,677	CCSSCH102J50	C	1243,1253-1255,1267	CKSSYB104K16		

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	C	1256,1268,1278,1286	CCSSCH101J50	C	9010,9012,9014,9017	CKSSYB104K16	
	C	1257,1311,1323,1388	CCSSCH331J50	C	9018,9020,9023,9025	CKSSYB104K16	
	C	1272,1276,1282,1285	CKSSYB104K16	C	9021,9022,9026,9048	CCSSCH102J50	
	C	1274,1294,1299,1325	CCSSCH102J50	C	9027,9046,9053,9086	CCSSCH101J50	
	C	1289,1296,1297,1305	CKSSYB104K16	C	9028,9031,9033,9035	CKSSYB104K16	
■	C	1313,1326	CCSSCH150J50	C	9032,9076,9214,9249	CCSSCH331J50	
	C	1318,1319,1324,1328	CKSSYB104K16	C	9034,9037,9050,9079	CCSSCH100D50	
	C	1322,1339,1392,1393	CCSSCH101J50	C	9036,9041-9045,9047	CKSSYB104K16	
	C	1333,1346,1347,1359	CCSSCH102J50	C	9049,9052,9058-9060	CKSSYB104K16	
	C	1334,1341-1343,1362	CKSSYB104K16	C	9051,9055,9057,9061	CCSSCH102J50	
B	C	1352-1354,1428,1605	DCH1201	C	9054,9056,9069,9070	CCSSCH471J50	
	C	1364-1366,1371,1389	CCSSCH471J50	C	9062,9064,9206,9208	CCSSCH102J50	
	C	1367-1370,1380,1384	CKSSYB104K16	C	9063,9066,9068,9071	CKSSYB104K16	
	C	1381,1395,1401,1411	CCSSCH102J50	C	9072,9074,9077,9081	CCSSCH471J50	
	C	1385,1390,1391,1394	CKSSYB104K16	C	9073,9080,9203,9205	CKSSYB104K16	
■	C	1398,1408,1409,1425	CKSSYB104K16	C	9085,9088-9091	CCSSCH100D50	
	C	1424,1540-1544,1654	CCSSCH102J50	C	9087,9204,9250,9259	CCSSCH101J50	
	C	1426,1501,1628,1636	CCSSCH101J50	C	9093-9098,9100	CCSSCH100D50	
	C	1431,1503,1507,1508	CKSSYB104K16	C	9102-9104,9253,9255	CCSSCH100D50	
	C	1432,1506,1511,1613	CCSSCH331J50	C	9207,9210,9212,9213	CKSSYB104K16	
C	C	1505,1808,1811,9201	CCG1222	C	9209,9211,9215,9232	CCSSCH102J50	
	C	1509,9545,9546	CEAT102M10-P35	C	9216,9219,9221,9227	CKSSYB104K16	
	C	1510,1519,1520,1534	CCSSCH100D50	C	9220,9222,9287,9289	CCSSCH471J50	
	C	1528,1614,1630,1632	CKSSYB104K16	C	9228,9230,9233,9236	DCH1201	
	C	1531,9065	CCSSCH221J50	C	9229,9231,9234,9237	CKSSYB104K16	
■	C	1601,1662	CKSSYB102K50	C	9235,9238,9241,9243	CCSSCH102J50	
	C	1608,1610,1612,1616	DCH1246	C	9239	DCH1201	
	C	1609,1611,1615,1617	CCSSCH471J50	C	9240,9242,9244,9248	CKSSYB104K16	
	C	1633,1701,1810,1813	CCSSCH331J50	C	9246,9257,9263,9269	CCSSCH102J50	
	C	1634,1640,1641,1653	CKSSYB104K16	C	9247	CEVW221M10	
D	C	1637,1644,1652,1655	CCSSCH471J50	C	9251,9265,9267,9293	CCSSCH331J50	
	C	1646,9040,9202,9223	CKSSYB103K25	C	9252,9254,9256,9258	CKSSYB104K16	
	C	1648,1702,1756,1807	CCSSCH101J50	C	9260,9262,9264,9266	CKSSYB104K16	
	C	1650,1732-1735,9226	DCH1201	C	9261,9275,9277,9581	CCSSCH101J50	
	C	1651,1695,1696,9030	DCH1246	C	9268,9270,9272,9274	CKSSYB104K16	
■	C	1666,1709,1824,1825	CCSSCH471J50	C	9271,9273,9279,9281	CCSSCH102J50	
	C	1674,1676,1678,1680	VCG1066	C	9276,9278,9286,9288	CKSSYB104K16	
	C	1683,1685,1689,1691	VCG1066	C	9282,9283,9594	CKSSYB103K25	
	C	1697,1729,1731,9009	CCSSCH100D50	C	9284,9285,9510,9512	CCG1222	
	C	1710,1736-1742	CKSSYB104K16	C	9290,9292,9294	CKSSYB104K16	
E	C	1722,1723,9013,9016	CCSSCH102J50	C	9291,9295	CCSSCH471J50	
	C	1743-1745	CCSSCH7R0D50	C	9298-9300,9538,9557	BCG1059	
	C	1746-1748	CCSSCH5R0C50	C	9302	CKSSYB223K16	
	C	1749-1751,1760-1762	CCSSCH180J50	C	9310,9311,9505,9529	CCSSCH102J50	
	C	1752,1821,1832,9004	CEVW101M16	C	9312,9327,9501,9513	CCSSCH100D50	
■	C	1753-1755	CCSSCH4R0C50	C	9313-9319,9321	CKSSYB104K16	
	C	1757-1759,1842	CCSSCH470J50	C	9323-9326,9328,9504	CKSSYB104K16	
	C	1763	CCSSCH560J50	C	9506,9528,9591,9601	CKSSYB104K16	
	C	1764-1766	CCSSCH390J50	C	9507	CCSSCH331J50	
	C	1767-1769,1809,1812	CKSSYB104K16	C	9514,9522,9533,9598	CCSSCH100D50	
F	C	1806,1819,9001,9075	CKSRYB104K50	C	9517,9519,9524,9526	CCG1222	
	C	1817,1828,1834,1840	CKSSYB104K16	C	9520,9574,9576,9609	CEVW221M4	
	C	1818,9571	CCSRCH102J50	C	9532,9534,9539,9550	CCG1222	
	C	1820,1829,1845,1855	CCSSCH331J50	C	9543,9544,9556,9561	CKSRYB104K50	
	C	1835,9003,9038,9039	CCSSCH471J50	C	9547,9553,9562,9566	CCSSCH102J50	
■	C	1841,9011,9019,9024	CCSSCH101J50	C	9555,9559	CKSSYB473K16	
	C	1846,1854,1858,1860	CKSSYB104K16	C	9558,9573,9575,9685	BCG1059	
	C	1859,1861,1863,9015	CCSSCH331J50	C	9563,9600	CEVW101M16	
	C	1862,9002,9006,9007	CKSSYB104K16	C	9565	CKSSYB152K50	
	C	9005,9029,9067,9217	CEVW221M4	C	9568,9570,9579,9580	CCSSCH102J50	

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	C	9569,9572,9582,9590	CCG1222				
	C	9583,9589,9684	DCH1246				
	C	9584,9592,9595	CCSSCH101J50				
	C	9585,9586,9597,9599	CCSSCH102J50				
	C	9596	CEVW331M6R3				
	C	9602,9672	CCSSCH100D50				
	C	9603,9605,9612,9614	CCG1222				
	C	9606,9616,9621-9645	CKSSYB104K16				
	C	9617	CCSSCH102J50				
	C	9647-9671,9692-9697	CKSSYB104K16				
	C	9674,9676	CCG1222				

F VOL ASSY

MISCELLANEOUS

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

CAPACITORS

C	3371,3372	CKSRYB103K50
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G FRONT HDMI USB ASSY

SEMICONDUCTORS

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

MISCELLANEOUS

L	8001,8002,8018	INDUCTOR	CTF1473
L	8010,8101,8102	CHIP BEADS	ATL7010
L	8012-8017,8019	FERRITE BEAD	CTF1528
L	8020	FERRITE BEAD	CTF1528
L	8103	CHOKE COIL	CTH1486

JA	8001	HDMI JACK	AKP7268
JA	8003	HDMI JACK	AKP7267
JA	8101	USB CONNECTOR	DKB1106
KN	8001,8101	EARTH TERMINAL	AKF7002
CN	8004	5P CONNECTOR	VKN1374

CN	8101	CONNECTOR	AKM1276
JH	8001,8002	PCB BINDER	VEF1040
JP	8101	HOUSING	ADX7760

RESISTORS

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

CAPACITORS

C	8010	CCSSCH331J50
C	8011,8016,8019,8021	CKSSYB104K16
C	8020,8027,8028	CCSSCH471J50
C	8022,8035,8037,8065	CCSSCH102J50
C	8023,8025,8026,8031	CKSSYB104K16

C	8024,8101,8127	CCSSCH101J50
C	8033,8038,8042,8044	CKSSYB104K16
C	8041	CEVW101M16
C	8043	CKSSYB102K50
C	8045,8046,8102,8106	CKSRYB104K50

C	8064	CKSSYB104K16
C	8066,8071	CCSSCH102J50
C	8069	CCSSCH330J50
C	8076	CEAT101M16
C	8083	CKSSYB103K25

C	8104	CEAT221M16
C	8105,8107	CCSRCH101J50
C	8108	CKSRYB102K50
C	8110,8111	CCG1236
C	8115,8116	CKSRYB104K50

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

H POWER AMP ASSY

SEMICONDUCTORS

	IC	5771	NJM4565MD
⚠	Q	5001,5101,5201,5301	STD03N
⚠	Q	5002,5102,5202,5302	STD03P
	Q	5041,5141,5241,5341	2SA1255
⚠	Q	5401,5501,5601	STD03N

⚠	Q	5402,5502,5602	STD03P
	Q	5441,5541,5641	2SA1255
	Q	5700,5811,5821,5831	RT1N140M
	Q	5701	RN1901
	Q	5702,5703	UMD22N

⚠	Q	5705	2SD1763A
⚠	Q	5706	2SC3906K
⚠	Q	5707	2SB1186A
⚠	Q	5708	2SA1514K
	Q	5709,5783,5784,5822	LTA124EUB

Q	5731,5741-5744,5972	LSC4081UB
Q	5781,5782,5785,5921	LTC124EUB
Q	5832,5852,5991	LTA124EUB
Q	5841,5851	RT1N140M
Q	5864,5865	RT3T22M

Q	5922,5952,5954	LSA1576UB
Q	5951,5953,5955	LTC124EUB
Q	5956-5958,5973	LSA1576UB
Q	5971	RSR015P03
Q	5974	LSC4081UB

⚠	D	5003,5004,5103,5104	1SS352
⚠	D	5005,5006,5105,5106	UDZS4R7(B)
	D	5041-5044,5141-5144	1SS352
⚠	D	5203,5204,5303,5304	1SS352
⚠	D	5205,5206,5305,5306	UDZS4R7(B)

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

⚠	R	5025,5026,5125,5126
⚠	R	5027,5127,5227,5327
⚠	R	5081,5181,5281,5381
⚠	R	5082,5182,5282,5382
⚠	R	5225,5226,5325,5326
⚠	R	5425,5426,5525,5526
⚠	R	5427,5527,5627
⚠	R	5481,5581,5681
⚠	R	5482,5582,5682
⚠	R	5625,5626

ACN7132
ACN7163
RS1/2LMF4R7J
RS1LMF100J
ACN7132
ACN7132
ACN7163
RS1/2LMF4R7J
RS1LMF100J
ACN7132

⚠	R	5701,5702
⚠	R	5703,5704
	R	5721,5722
⚠	R	5790
	Other Resistors	

RS1LMF472J
RS1/2LMF332J
RD1/4MUF473J
RD1/4MUF100J
RS1/10SR###J

CAPACITORS

C	5011,5012,5111,5112
C	5041,5141,5241,5341
C	5081,5082,5181,5182
C	5083,5183,5283,5383
C	5084,5085,5089-5091
C	5211,5212,5311,5312
C	5281,5282,5381,5382
C	5411,5412,5511,5512
C	5441,5541,5641
C	5481,5482,5581,5582

ACG7056
CEHNP2R2M50
CFTLA104J50
CFTLA103J2A
CCSRCH272J50

C	5483,5583,5683,5811
C	5611,5612
C	5681,5682
C	5703,5704
C	5705,5706
C	5707,5708
C	5721,5722
C	5723
C	5725,5726,5729,5730
C	5731

CFTLA103J2A
ACG7056
CFTLA104J50
CEAT471M2A
CEAT101M63
CEAT221M2A
ACH7258
CEAT100M63
CEATR47M2A
CKSRYB223K50

C	5741,5743
C	5771,5772,5774,5781
C	5773,5972
C	5782
C	5790,5791

CEAT331M10
CKSRYB103K50
CEAT100M50
CKSRYB105K10
CFTLA104J2A

C	5812
C	5891
C	5922,5931,5932,5935
C	5923,5937,5951
C	5924,5936

CFTLA103J2A
CEAT101M50
CKSRYB103K50
CKSRYB104K16
CCSRCH471J50

C	5933,5934
C	5953,5954
C	5955
C	5957
C	5973

CKSRYB153K50
CKSRYB103K50
CKSRYB102K50
CKSRYB472K50
CEAT470M25

C	5975
C	5977,5978
C	5979

CCSRCH331J50
CKSQYB105K16
CCSRCH102J50

D	5241-5244,5341-5344
⚠	D 5403,5404,5503,5504
⚠	D 5405,5406,5505,5506
	D 5441-5444,5541-5544
⚠	D 5603,5604

1SS352
1SS352
UDZS4R7(B)
1SS352
1SS352

⚠	D 5605,5606
	D 5641-5644,5701,5702
⚠	D 5703
	D 5705,5708,5710
	D 5706,5782

UDZS4R7(B)
1SS352
S1WB(A)60SD
UDZS8R2(B)
UDZS7R5(B)

D	5707,5709
D	5711,5712
D	5713,5714
D	5715,5719,5720
D	5716

UDZS9R1(B)
UDZS6R8(B)
UDZS12(B)
UDZS13(B)
UDZS15(B)

⚠	D 5717,5718
	D 5721,5722,5783,5784
	D 5773,5781
⚠	D 5790,5791
	D 5811,5812,5821,5822

1SR154-400
1SS352
UDZS5R1(B)
D5SBA60(B)
1SS352

D	5831,5832,5841,5842
D	5851,5852,5865,5921
D	5922
D	5923,5931
D	5934,5935

1SS352
1SS352
1SS352
MC2848-11
1SS357

D	5971
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RB411D

MISCELLANEOUS

NSP	L	5081,5181,5281 COIL(IN HOUSE)
NSP	L	5381,5481,5581 COIL(IN HOUSE)
NSP	L	5681 COIL(IN HOUSE)
	L	5921-5923 CHIP SOLID INDUCTOR
	L	5931 INDUCTOR

AWX9630
AWX9630
AWX9630
QTL1013
CTF1385

L	5932-5934 CHIP SOLID INDUCTOR
L	5951 CHIP SOLID INDUCTOR
JA	5800-5802 SPEAKER TERMINAL 6-P
JA	5804,5807 JACK
JA	5810-5812 JACK

QTL1013
ATL7002
AKE7107
AKN-209
VKB1243

JA	5815 MINI JACK
KN	5800,5901 SCREW PLATE
RY	5701 RELAY
RY	5811,5821,5831,5841 RELAY
RY	5851 RELAY

QKN1013
VNE1948
ASR7032
ASR7001
ASR7001

CN	5010,5110,5210,5310 5P PLUG
CN	5410,5510 5P PLUG
CN	5610 7P PLUG
CN	5701 CONNECTOR
CN	5804 7P PLUG

53290-0510
53290-0510
53290-0710
B7P-VH
XKP3063

CN	5805 23P PLUG
	5000 SMALL HEATSINK V5S(M)
	5001,5002 SCREW
	5010,5012 HEAT SINK B
	5011,5013 SCREW

XKP3071
ANH7200
BBZ30P080FCC
ANH1021
IBZ30P080FCC

JH	5951,5953,5954 PCB BINDER
JP	5722,5723 AWG14 BOARD IN
P	5001,5002 PROTECTOR(7A)
⚠	P 5003 PROTECTOR(1A)
⚠	P 5004 PROTECTOR(1A)

VEF1040
ADX7461
AEK7047
AEK7009
AEK7064

Mark No. Description Part No.

I PRESTAGE ASSY

SEMICONDUCTORS

Q 6001,6101,6201,6301 2SD2704K
Q 6002,6102,6202,6302 IMT4
Q 6003,6103,6203,6303 2SA1514K
⚠ Q 6004,6104,6204,6304 2SA1145
Q 6005,6105,6205,6305 2SC2705

Q 6401,6501,6601 2SD2704K
Q 6402,6502,6602 IMT4
Q 6403,6503,6603 2SA1514K
⚠ Q 6404,6504,6604 2SA1145
Q 6405,6505,6605 2SC2705

⚠ D 6001,6101,6201,6301 UDZS3R6(B)
⚠ D 6002,6102,6202,6302 1SS352
⚠ D 6401,6501,6601 UDZS3R6(B)
⚠ D 6402,6502,6602 1SS352

MISCELLANEOUS

CN 6010,6110,6210,6310 5P SOCKET 52418-0510
CN 6410,6510 5P SOCKET 52418-0510
CN 6603 CONNECTOR CKS3384
CN 6610 7P SOCKET 52418-0710
JH 6001,6002 PCB BINDER VEF1040

RESISTORS

R 6007,6107,6207,6307 RS1/10SR2001F
R 6009,6109,6209,6309 RD1/2VM473J
R 6011,6111,6211,6311 RN1/16SE1201D
⚠ R 6023,6024,6123,6124 RD1/4MUF4R7J
R 6029,6129,6229,6329 RN1/10SE3302D

R 6030,6130,6230,6330 RN1/16SE1001D
R 6031,6131,6231,6331 RN1/16SE1500D
⚠ R 6223,6224,6323,6324 RD1/4MUF4R7J
R 6407,6507,6607 RS1/10SR2001F
R 6409,6509,6609 RD1/2VM473J

R 6411,6511,6611 RN1/16SE1201D
⚠ R 6423,6424,6523,6524 RD1/4MUF4R7J
R 6429,6529,6629 RN1/10SE3302D
R 6430,6530,6630 RN1/16SE1001D
R 6431,6531,6631 RN1/16SE1500D

⚠ R 6623,6624 RD1/4MUF4R7J
Other Resistors RS1/10SR###J

CAPACITORS

C 6001,6101,6201,6301 CEHAT4R7M50
C 6002,6102,6202,6302 CCSRCH221J50
C 6004,6104,6204,6304 CKSRYB102K50
C 6005,6006,6015,6016 CCSRCH220J50
C 6007,6107,6207,6307 CEHAT101M10

C 6008,6108,6208,6308 ACG7057
C 6009,6109,6209,6309 CEHAT100M2A
C 6010,6110,6210,6310 CCSRCH101J50
C 6017,6117,6217,6317 CEHAT331M10
C 6023,6024,6123,6124 CEHAT100M63

C 6032,6132,6232,6332 CKSRYB224K16
C 6105,6106,6115,6116 CCSRCH220J50
C 6205,6206,6215,6216 CCSRCH220J50
C 6223,6224,6323,6324 CEHAT100M63
C 6305,6306,6315,6316 CCSRCH220J50

Mark No. Description Part No.

C 6401,6501,6601 CEHAT4R7M50
C 6402,6502,6602 CCSRCH221J50
C 6404,6504,6604 CKSRYB102K50
C 6405,6406,6415,6416 CCSRCH220J50
C 6407,6507,6607 CEHAT101M10

C 6408,6508,6608 ACG7057
C 6409,6509,6609 CEHAT100M2A
C 6410,6510,6527,6610 CCSRCH101J50
C 6417,6517,6617 CEHAT331M10
C 6423,6424,6523,6524 CEHAT100M63

C 6432,6532,6632 CKSRYB224K16
C 6505,6506,6515,6516 CCSRCH220J50
C 6605,6606,6615,6616 CCSRCH220J50
C 6623,6624 CEHAT100M63

J DISPLAY ASSY

SEMICONDUCTORS

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

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

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

MISCELLANEOUS

L 3001 CHIP SOLID INDUCTOR ATL7002
KN 3201 FL HOLDER(FE) VNF1096
V 3301 FL TUBE DISPLAY AAV7115
S 3001-3019 SWITCH ASG7029
X 3001 CRYSTAL OSCILLATOR CSS1653

X 3201 CERAMIC RESONATOR VSS1142
CN 3001 39P CONNECTOR VKN2098
CN 3003 5P CONNECTOR VKN1820

RESISTORS

All Resistors RS1/10SR###J

MISCELLANEOUS

JH 3002 4P CABLE HOLDER 51048-0400
JH 3003,3004 3P CABLE HOLDER 51048-0300
JP 3002 JUMPER WIRE D20PYY0410E
JP 3003,3004 JUMPER WIRE D20PYY0310E
JP 3005 CONNECTOR ASSY PF07PGOS17

U 3201 REMOTE RECEIVER UNIT GP1UE274XKC1

CAPACITORS

C 3002,3009,3013,3014 CKSRYB104K50
C 3003,3007,3020,3021 CKSRYB105K16
C 3004,3005 CCSRCH120J50
C 3006,3302 CKSRYB471K50
C 3008,3010,3043,3205 CCSRCH471J50

Mark	No.	Description	Part No.
A	C 3011		CCSRCH101J50
	C 3012		CKSRYB472K50
	C 3015,3016		CKSRYB473K50
	C 3017		CCSRCH150J50
	C 3018,3035,3045,3212		CKSRYB103K50
B	C 3022,3023,3027,3038		CKSRYB104K50
	C 3039,3208		CEAT221M10
	C 3048,3058,3207,3338		CCSRCH100D50
	C 3054,3101,3221-3223		CCSRCH102J50
	C 3055,3057,3103,3105		CKSRYB104K50
C	C 3102,3104,3201,3306		CKSRYB102K50
	C 3202,3204,3307		CKSRYB104K50
	C 3209		CKSRYB105K16
	C 3211,3213		CEAT101M16
	C 3214,3216,3217		CCSRCH221J50
D	C 3215,3218		CCSRCH470J50
	C 3301,3327		CEAT101M35
	C 3303,3405		CCSRCH102J50
	C 3305,3308,3328		CEAT470M50
	C 3311-3326		CCSRCH471J50
E	C 3335-3337,3341		CKSRYB103K50
	C 3339		CCSRCK2R0C50
	C 3340,3343		CCSRCH100D50

Mark	No.	Description	Part No.
R	R 56		RS1/10SR1002F
	R 57		RS1/4SA155J
	R 59		RS1/8SQ365J
	R 74		RS1/8SQ105J
	Other Resistors		RS1/10SR###J
CAPACITORS			
C	C 1		ACE7043
	C 3		ACH7342
	C 4		ACE7089
	C 5		ACG7102
	C 6		CKSQYB105K25
C	C 7		ACH7370
	C 8,53,56		CKSRYB104K50
	C 9		CCSRCH100D50
	C 10		CEAT2R2M2A
	C 13,55		CCSRCH102J50
C	C 18,20		VCG1046
	C 52		BCH1044
	C 58		ACH7369
	C 71		ACE7013
	C 73		XCG3010
C	C 74,75		CCSRCH220J50

K PRIMARY ASSY

SEMICONDUCTORS

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

MISCELLANEOUS

L 1	LINE FILTER	ATF7046
L 51	COIL	ATH7080
L 71	LINE FILTER	XTF3004
H 1,2,71,72	FUSE CLIP	AKR1004
JA 71	AC INLET	ADX7772

KN1,2	SCREW PLATE	VNE1948
KN50,51	EARTH TERMINAL	AKF7002
RY 71	POWER RELAY	ASR7034
T 1	POWER TRANSFORMER	ATK7003
CN82	CONNECTOR	B2P3-VH

O	HEAT SINK(AL)	ANH7223
O	HEAT SINK(AL)	ANH7224
O	SCREW	BBZ30P080FCC
JP 51	HOUSING	ADX7762
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

L USB RECT ASSY

SEMICONDUCTORS

D 3651	D5SBA60(B)
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MISCELLANEOUS

H 3651,3652	FUSE CLIP	AKR1004
KN3651	EARTH TERMINAL	AKF7002
CN3652	2P TOP POST	B2B-EH
3651	PCB BINDER	VEF1040
JH 3652,3653	PCB BINDER	VEF1040

RESISTORS

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

CAPACITORS

C 3651	CFTLA104J50
C 3661	CKSRYB104K50
C 3662	CCSRCH101J50
C 3663	CCSRCH100D50
C 3664	CKSRYB103K50
C 3665,3666	CEAT472M16

M REGULATOR ASSY

SEMICONDUCTORS

IC 4001	NJM78M05FA
IC 4002	NJM79M05FA
IC 4021	NJM78M06FA
IC 4101,4121	NJM78M12FA
IC 4102	NJM79M12FA

Q 4021	LTA124EUB
Q 4022	LTC124EUB
D 4001	D3SBA60(B)
D 4003,4004,4105,4106	RB501V-40
D 4024,4124	1SS352

Mark	No.	Description	Part No.
	D	4051-4053,4101-4104	1SR154-400
	D	4054,4056	UDZS5R1(B)
	D	4055	PTZ22(B)
	D	4121	RB501V-40
	D	4123	RKZ3.3KG(B2)
	D	4125-4127	1SR154-400

MISCELLANEOUS

H 4001-4004,4101-4104 FUSE CLIP	AKR1004
CN4001 CONNECTOR	B6B-EH
CN4002,4102 PLUG(6P)	KM200NA6
CN4052 PLUG(7P)	KM200NA7
CN4101 5P TOP POST	B5B-EH
CN4103 PLUG(4P)	KM200NA4
JH 4101-4106 PCB BINDER	VEF1040

RESISTORS

⚠	R 4001	RD1/4MUF4R7J
	R 4022	RS3LMF150J
	R 4052	RD1/4MUF391J
	R 4057	RS1/8SQ225J
	Other Resistors	RS1/10SR###J

CAPACITORS

C 4002,4060	CFTLA104J50
C 4007	CEAT682M16
C 4008	CEAT222M16
C 4011,4012,4021,4057	CKSRYB103K50
C 4013,4014,4054	CEAT101M16
C 4022	CEAT101M25
C 4051	CEANP101M35
C 4052	CEAT101M35
C 4053	CEAT221M35
C 4055	CEAT470M50
C 4101	CFTLA394J50
C 4102-4105	CKSRYB473K50
C 4107	CEAT222M25
C 4108	CEAT332M25
C 4109,4110,4121,4124	CKSRYB103K50
C 4111,4112	CEAT221M25
C 4117,4118	CKSRYB104K50
C 4122	CEAT100M50
C 4125	CEAT102M35
C 4126	CEAT471M35
C 4127	CKSRYB103K50
C 4130	CCSRCH101J50

N POWER SW ASSY

SEMICONDUCTORS

Q 3401	LTC143EUB
D 3402	SLR343BC4T(JKLM)

MISCELLANEOUS

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

RESISTORS

All Resistors RS1/10SR###J

Mark No.	Description	Part No.
<u>CAPACITORS</u>		
C 3401		CCSRCH221J50
C 3402		CKSRYB104K16

O ENCODER ASSY

MISCELLANEOUS

S 3501	ROTARY ENCODER	ASX7051
CN3501	3P JUMPER CONNECTOR	52147-0310

RESISTORS

All Resistors RS1/10SR###J

CAPACITORS

C 3501.3502 CKSRYB103K50

P MIC HP ASSY

SEMICONDUCTORS

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

MISCELLANEOUS

JA 3471	JACK	VKB1243
JA 3472	JACK	AKB7219
JA 3476	HEADPHONE JACK	XKB3066
KN 3471	EARTH TERMINAL	AKF7002
CN 3471	CONNECTOR	9604S-09C
CN 3473	4P JUMPER CONNECTOR	52147-0410

RESISTORS

R 3495	RS1/10SR75R0F
Other Resistors	RS1/10SR###J

CAPACITORS

C 3451,3452	CKSRYB822K50
C 3453,3481,3482,3486	CKSRYB103K50
C 3454,3473	CKSRYB471K50
C 3460	DCH1165
C 3475,3479,3494	CCSRCH101J50

C 3476,3477	CCSRCH330J50
C 3478,3483,3484	CEAT100M50
C 3480	DCH1201
C 3485	CKSRYP105K16
C 3488	CKSRYP223K50

C 3490	CKSRYB102K50
C 3495	CKSRYB104K50
C 3496	CKSRYB103K50
C 3497	CCSRCH331J50

Q CONNECT ASSY

MISCELLANEOUS

CN 3361	B TO B CONNECTOR	AKM7177
CN 3362	20P PLUG	AKM7171
CN 3363	23P SOCKET	XKP3082
CN 3364	7P SOCKET	XKP3074

RESISTORS

All Resistors RS1/10SR###J

Mark No. Description **Part No.**

MISCELLANEOUS

JP 3365 CONNECTOR ASSY

PF04PG-S60

CAPACITORS

C 3361

CCSRCH100D50

R A-DAC BRIDGE ASSY

MISCELLANEOUS

CN3791,3792 14P PLUG

CN3793,3794 B TO B CONNECTOR

AKM7170

AKM7176

S D-AUDIO BRIDGE ASSY

MISCELLANEOUS

CN3771,3772 7P PLUG

CN3773,3774 15P PLUG

XKP3063

XKP3067

T D-DAC BRIDGE ASSY

MISCELLANEOUS

CN3781-3784 PLUG (30P)

CN3785 3P PLUG

BKM1035

XKP3061

CAPACITORS

C 3781

CCSRCH100D50

U MIC CONNECT ASSY

MISCELLANEOUS

CN3651 CONNECTOR

CN3652 CONNECTOR

CN3653 PLUG(3P)

9604S-09C

CKS3372

KM200NA3

V POSI 1 ASSY

SEMICONDUCTORS

⚠ TH 7001

PTFM04BB222Q2N34BS

MISCELLANEOUS

CN7001 CONNECTOR ASS'Y

PG02KA-F07

W POSI 2 ASSY

SEMICONDUCTORS

⚠ TH 7002

PTFM04BE222Q2N34BS

MISCELLANEOUS

CN7002 CONNECTOR ASS'Y

PG02KA-F10

X POSI 3 ASSY

SEMICONDUCTORS

⚠ TH 7003

PTFM04BG222Q2N34BS

Mark No. Description **Part No.**

MISCELLANEOUS

CN7003 CONNECTOR ASS'Y

PG03KA-F10

Y BIND L FRONT ASSY

MISCELLANEOUS

JH 5961,5962 PCB BINDER

VEF1040

Z BIND L BACK ASSY

MISCELLANEOUS

JH 5522,5523 PCB BINDER

VEF1040

AA BIND R FRONT ASSY

MISCELLANEOUS

JH 5511 PCB BINDER

VEF1040

AB BIND DISP FFC ASSY

MISCELLANEOUS

JH 5541 PCB BINDER

VEF1040

AC FFC GUARD ASSY

FFC GUARD ASSY has no service parts

AD FFC GUARD 2 ASSY

FFC GUARD 2 ASSY has no service parts

AE BIND R BACK ASSY

BIND R BACK ASSY has no service parts

FM/AM TUNER UNIT

FM/AM TUNER UNIT has no service parts