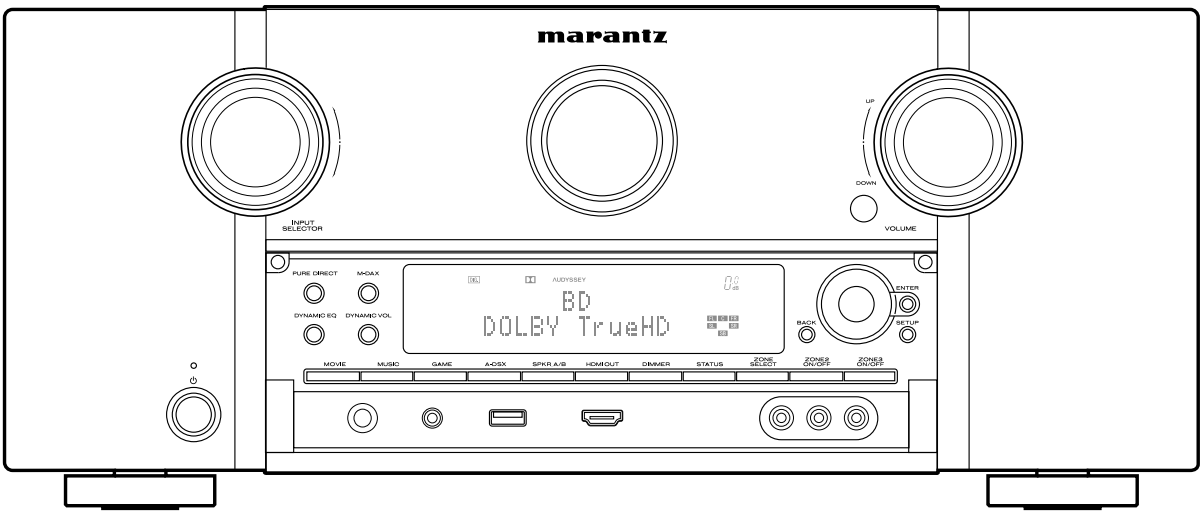
Service Manual

AV8802 /U1B/N1B/FB
AV8802A /U1B/N1B/K1B/FB

AV Pre Tuner



- For purposes of improvement, specifications and design are subject to change without notice.
- Please use this service manual with referring to the operating instructions without fail.
- Some illustrations using in this service manual are slightly different from the actual set.

marantz®

AV8802 / AV8802A

Ver. 3
Please refer to the MODIFICATION NOTICE.

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WARNING: Violators will be prosecuted to the maximum extent possible.

S0995V03DM/DG1502

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ABOUT THIS MANUAL

Read the following information before using the service manual.

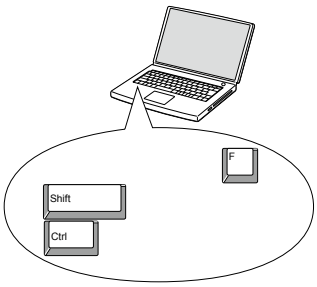
What you can do with this manual

Search for a Ref. No. (phrase) (Ctrl+Shift+F)

You can use the search function in Acrobat Reader to search for a Ref. No. in schematic diagrams, printed wiring circuit diagrams, block diagrams, and parts lists.

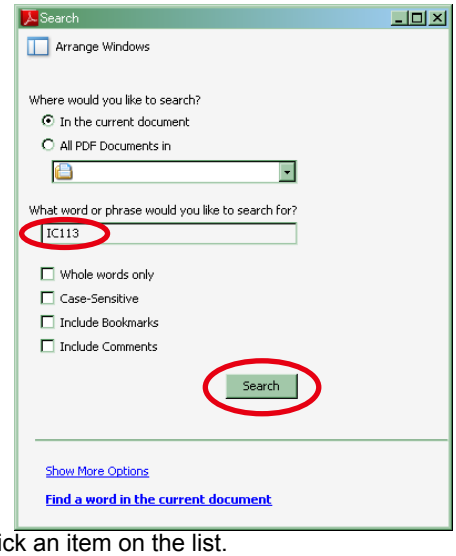
1.Press **Ctrl+Shift+F** on the keyboard.

- The Search window appears.



2.Enter the Ref. No. you want to search for in the Search window, and then click the **Search** button.

•A list of search results appears.



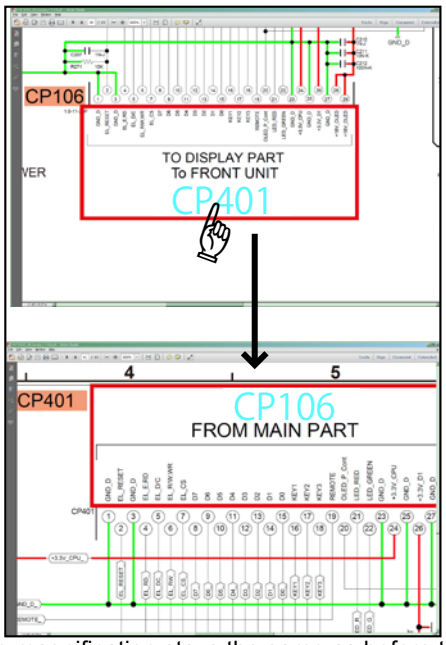
3.Click an item on the list.

• The screen jumps to the page for that item, and the search phrase is displayed.

Jump to the target of a schematic diagram connector

Click the Ref. No. of the target connector in the red box around a schematic diagram connector.

•The screen jumps to the target connector.



•Page magnification stays the same as before the jump.

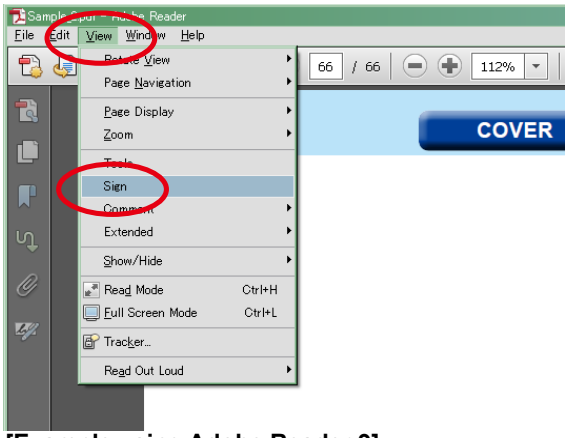
Using Adobe Reader (Windows version)

Add notes to this data (Sign)

The Sign function lets you add notes to the data in this manual.
Save the file once you have finished adding notes.

[Example using Adobe Reader X]
On the **"View"** menu, click **"Sign"**.

- The Sign pane appears.



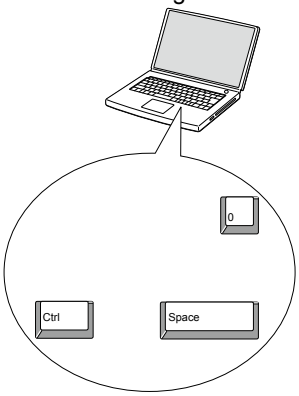
[Example using Adobe Reader 9]
On the **"Document"** menu, click **"Sign"**.

Magnify schematic / printed circuit board diagrams - 1

(Ctrl+Space, mouse operation)

Press **Ctrl+Space** on the keyboard and drag the mouse to select the area you want to view.

- The selected area is magnified.

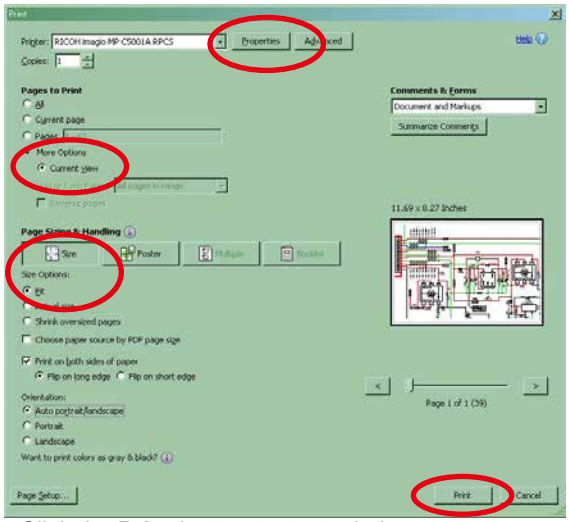


- When you want to move the area shown, hold down **Space** and drag the mouse.
- When you want to show a full page view, press **Ctrl+0** on the keyboard.

Print a magnified part of the manual

The Properties dialog box and functions will vary depending on your printer.

1. Drag the mouse to magnify the part you want to print.
2. On the **"File"** menu, click **"Print"**.
3. Configure the following settings in the Print dialog box.



- **Properties**
  Click this button and check that the printer is set to a suitable paper size.
- **Page to print**
  Select the following checkbox.
  "More Options" : **"Current View"**
- **Page Sizing & Handling**
  Select the following checkbox.
  "Size" / **"Size Options"** : **"Fit"**

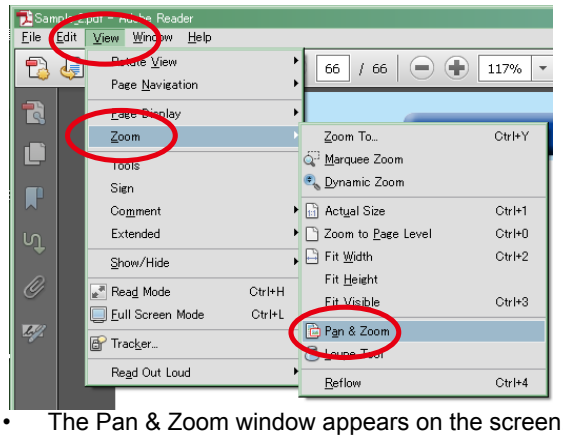
4. Click the **Print** button to start printing.

Magnify schematic / printed circuit board diagrams - 2

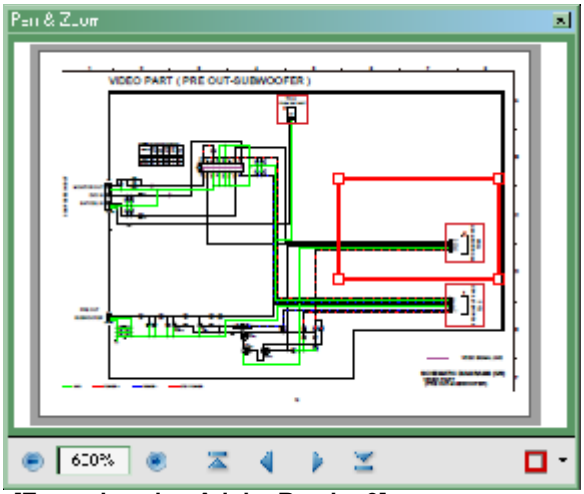
(Pan & Zoom function)

The Pan & Zoom function lets you see which part of a magnified diagram is being shown in a separate window.

[Example using Adobe Reader X]
On the **"View"** menu, point to **"Zoom"**, and then click **"Pan & Zoom"**.



- The Pan & Zoom window appears on the screen.



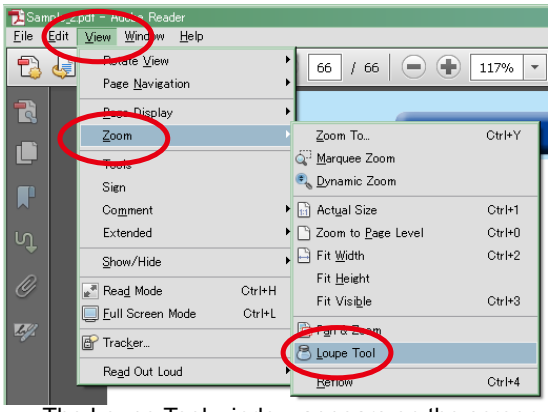
[Example using Adobe Reader 9]
On the **"Tools"** menu, point to **"Select & Zoom"**, and then click **"Pan & Zoom Window"**.

Magnify schematic / printed circuit board diagrams - 3

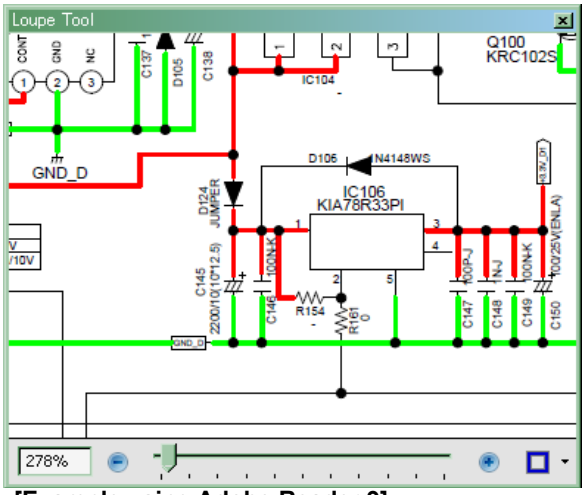
(Loupe Tool function)

The Loupe Tool function lets you magnify a specific part of a diagram in a separate window.

[Example using Adobe Reader X]
On the **"View"** menu, point to **"Zoom"**, and then click **"Loupe Tool"**.



- The Loupe Tool window appears on the screen.



[Example using Adobe Reader 9]
On the **"Tools"** menu, point to **"Select & Zoom"**, and then click **"Loupe Tool Window"**.

SAFETY PRECAUTIONS

The following items should be checked for continued protection of the customer and the service technician.

leakage current check

Before returning the set to the customer, be sure to carry out either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the set is defective.

Be sure to test for leakage current with the AC plug in both polarities, in addition, when the set's power is in each state (on, off and standby mode), if applicable.

CAUTION **Please heed the following cautions and instructions during servicing and inspection.**

◎ **Heed the cautions!**

Cautions which are delicate in particular for servicing are labeled on the cabinets, the parts and the chassis, etc. Be sure to heed these cautions and the cautions described in the handling instructions.

◎ **Cautions concerning electric shock!**

(1) An AC voltage is impressed on this set, so if you touch internal metal parts when the set is energized, you may get an electric shock. Avoid getting an electric shock, by using an isolating transformer and wearing gloves when servicing while the set is energized, or by unplugging the power cord when replacing parts, for example.

(2) There are high voltage parts inside. Handle with extra care when the set is energized.

◎ **Caution concerning disassembly and assembly!**

Through great care is taken when parts were manufactured from sheet metal, there may be burrs on the edges of parts. The burrs could cause injury if fingers are moved across them in some rare cases. Wear gloves to protect your hands.

◎ **Use only designated parts!**

The set's parts have specific safety properties (fire resistance, voltage resistance, etc.). Be sure to use parts which have the same properties for replacement. The burrs have the same properties. In particular, for the important safety parts that are indicated by the ⚠ mark on schematic diagrams and parts lists, be sure to use the designated parts.

◎ **Be sure to mount parts and arrange the wires as they were originally placed!**

For safety seasons, some parts use tapes, tubes or other insulating materials, and some parts are mounted away from the surface of printed circuit boards. Care is also taken with the positions of the wires by arranging them and using clamps to keep them away from heating and high voltage parts, so be sure to set everything back as it was originally placed.

◎ **Make a safety check after servicing!**

Check that all screws, parts and wires removed or disconnected when servicing have been put back in their original positions, check that no serviced parts have deteriorate the area around. Then make an insulation check on the external metal connectors and between the blades of the power plug, and otherwise check that safety is ensured.

(Insulation check procedure)

Unplug the power cord from the power outlet, disconnect the antenna, plugs, etc., and on the power. Using a 500V insulation resistance tester, check that the insulation resistance value between the inplug and the externally exposed metal parts (antenna terminal, headphones terminal, input terminal, etc.) is 1MΩ or greater. If it is less, the set must be inspected and repaired.

CAUTION **Concerning important safety parts**

Many of the electric and the structural parts used in the set have special safety properties. In most cases these properties are difficult to distinguish by sight, and the use of replacement parts with higher ratings (rated power and withstand voltage) does not necessarily guarantee that safety performance will be preserved. Parts with safety properties are indicated as shown below on the wiring diagrams and the parts list in this service manual. Be sure to replace them with the parts which have the designated part number.

(1) Schematic diagrams.....Indicated by the ⚠ mark.

(2) Parts lists.....Indicated by the ⚠ mark.

The use of parts other than the designated parts could cause electric shocks, fires or other dangerous situations.

NOTE FOR SCHEMATIC DIAGRAM

WARNING:

Parts indicated by the ⚠ mark have critical characteristics. Use ONLY replacement parts recommended by the manufacturer.

CAUTION:

Before returning the set to the customer, be sure to carry out either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the set is defective.

WARNING:

DO NOT return the set to the customer unless the problem is identified and remedied.

NOTICE:

ALL RESISTANCE VALUES IN OHM. k=1,000 OHM / M=1,000,000 OHM

ALL CAPACITANCE VALUES ARE EXPRESSED IN MICRO FARAD, UNLESS OTHERWISE INDICATED. P INDICATES MICRO-MICRO FARAD. EACH VOLTAGE AND CURRENT ARE MEASURED AT NO SIGNAL INPUT CONDITION. CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

NOTE FOR PARTS LIST

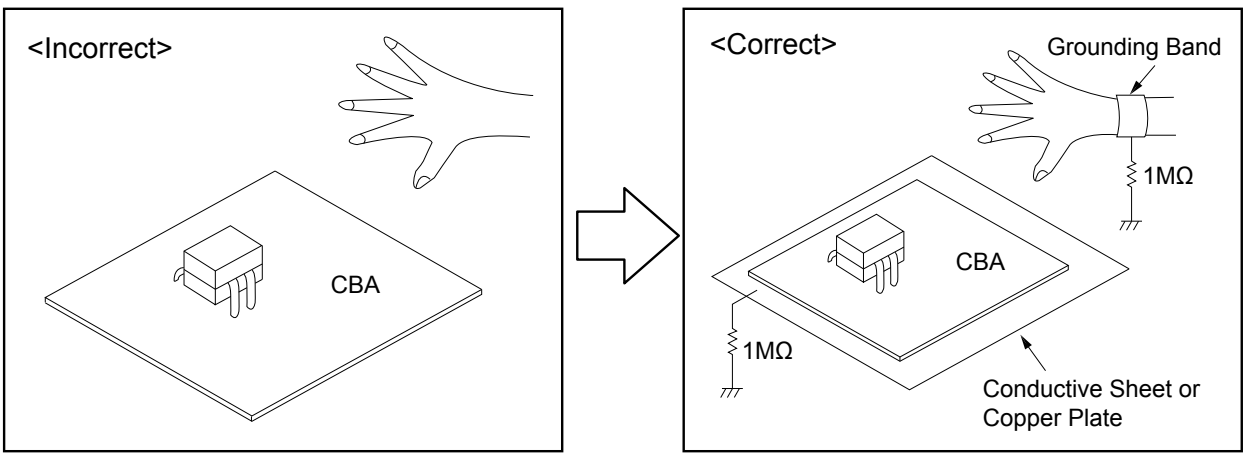
1. Parts indicated by **"nsp"** on this table cannot be supplied.
2. When ordering a part, make a clear distinction between "1" and "I" (i) to avoid mis-supplying.
3. A part ordered without specifying its part number can not be supplied.
4. Part indicated by " ★ " mark is not illustrated in the exploded view.

WARNING: Parts indicated by the ⚠ mark have critical characteristics. Use ONLY replacement parts recommended by the manufacturer.

INSTRUCTIONS FOR HANDLING SEMI-CONDUCTORS AND OPTICAL UNIT

Electrostatic breakdown of the semi-conductors or optical pickup may occur due to a potential difference caused by electrostatic charge during unpacking or repair work.

1. Ground for Human Body
   Be sure to wear a grounding band (1 MΩ) that is properly grounded to remove any static electricity that may be charged on the body.
2. Ground for Workbench
   Be sure to place a conductive sheet or copper plate with proper grounding (1 MΩ) on the workbench or other surface, where the semi-conductors are to be placed. Because the static electricity charge on clothing will not escape through the body grounding band, be careful to avoid contacting semi-conductors with your clothing



Personal notes:

TECHNICAL SPECIFICATIONS

❑ Audio section

- **Analog**

Input sensitivity /Input impedance：
Unbalanced RCA input：200 mV/47 kΩ
Balanced XLR input：400 mV/94 kΩ

Frequency response：10 Hz - 100 kHz — +1, –3 dB(Direct mode)

S/N：105 dB(IHF-A weighted, Direct mode)

Distortion：0.005 % (20 Hz – 20 kHz) (Direct mode)

Rated output：
Unbalanced RCA pre-output : 1.2 V
Balanced XLR pre-output: 2.4 V

- **Digital**

D/A output：Rated output — 2 V (at 0 dB playback)
Total harmonic distortion — 0.008 % (1 kHz, at 0 dB)
S/N ratio — 102 dB
Dynamic range — 100 dB

Digital input：Format — Digital audio interface

- **Phono equalizer**

Input sensitivity：2.5 mV

RIAA deviation：±1 dB (20 Hz to 20 kHz)

S/N：74 dB (IHF-A, with 5 mV input))

Rated output：150 mV

Distortion factor：0.03 % (1 kHz, 3 V)

❑ Video section

- **Standard video connectors**

Input/output level and impedance：1 Vp-p, 75 Ω

Frequency response：5 Hz – 10 MHz — 0, –3 dB

- **Color component video connector**

Input/output level and impedance：Y signal — 1 Vp-p, 75 Ω
PB / CB signal — 0.7 Vp-p, 75 Ω
PR / CR signal — 0.7 Vp-p, 75 Ω

Frequency response：5 Hz - 60 MHz — 0, –3 dB

❑ Tuner section

Reception frequency range：**FM** 87.5 MHz - 107.9 MHz (for U)
FM 87.5 MHz - 108.0 MHz (for N, K)
FM 76.0 MHz - 90.0 MHz (for F)
AM 530 kHz - 1710 kHz (for U)
AM 522 kHz - 1611 kHz (for N, K)
AM 522 kHz - 1629 kHz (for F)

Effective sensitivity：**FM** 1.5µV (14.8dBf) (for U)
FM 1.2µV (12.8dBf) (for N, K, F)
AM 20 µV (for U)
AM 18 µV (for N, K, F)

50 dB sensitivity：MONO — 2.8 µV (20.2 dBf) (for N, K, F)

S/N ratio (IHF-A)：MONO — 78 dB (for U)
MONO — 70 dB (for N, K, F)
STEREO — 68 dB (for U)
STEREO — 67 dB (for N, K, F)
HD — **FM** 85dB **AM** 85dB (for U)

Distortion (1 kHz)：MONO — 0.1 % (for U)
MONO — 0.7 % (1 kHz) (for N, K, F)
SRETEO — 0.2 % (for U)
SRETEO — 1.0 % (1 kHz) (for N, K, F)
HD — **FM** 0.02% **AM** 0.02% (for U)

❑ Wireless LAN section

Network type (wireless LAN standard)：Conforming to Wi-Fi®∗1

Security：WEP 64 bit, WEP 128 bit
WPA/WPA2-PSK (AES)
WPA/WPA2-PSK (TKIP)

Radio frequency：2.4 GHz

No. of channels：1 - 11 ch (for U)
1 - 13 ch (for N, K, F)

∗1 The Wi-Fi® CERTIFIED Logo and the Wi-Fi CERTIFIED On-Product Logo are registered trademarks of the Wi-Fi Alliance.

❑ Bluetooth section

Communications system：Bluetooth Version 2.1 + EDR (Enhanced Data Rate)

Transmission power：Maximum 2.5 mW (Class 2)

Maximum communication range：Approx. 32.8 ft/10 m in line of sight

Frequency band：2.4 GHz band

Modulation scheme：FHSS (Frequency-Hopping Spread Spectrum)

Supported profiles：A2DP (Advanced Audio Distribution Profile) 1.2
AVRCP (Audio Video Remote Control Profile) 1.4

Corresponding codec：SBC, AAC

Transmission range (A2DP)：20 Hz - 20,000 Hz

❑ General

Power supply：(for U) : AC 120 V, 60 Hz
(for N) : AC 230 V, 50 Hz / 60Hz
(for K) : AC 220 V, 50 Hz
(for F) : AC 100 V, 50 Hz / 60Hz

Power consumption：90W

Power consumption in standby mode：0.2W

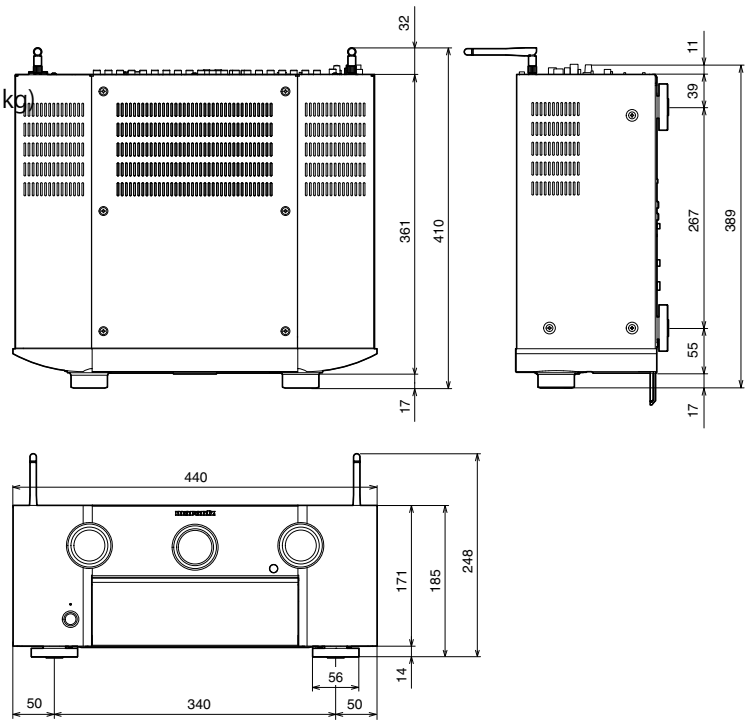
Power consumption in CEC standby mode：0.5W

Power consumption in network standby mode：4.5W

For purposes of improvement, specifications and design are subject to change without notice.

DIMENSION

Unit：mm
Weight：29 lb 16 oz (13.6 kg)



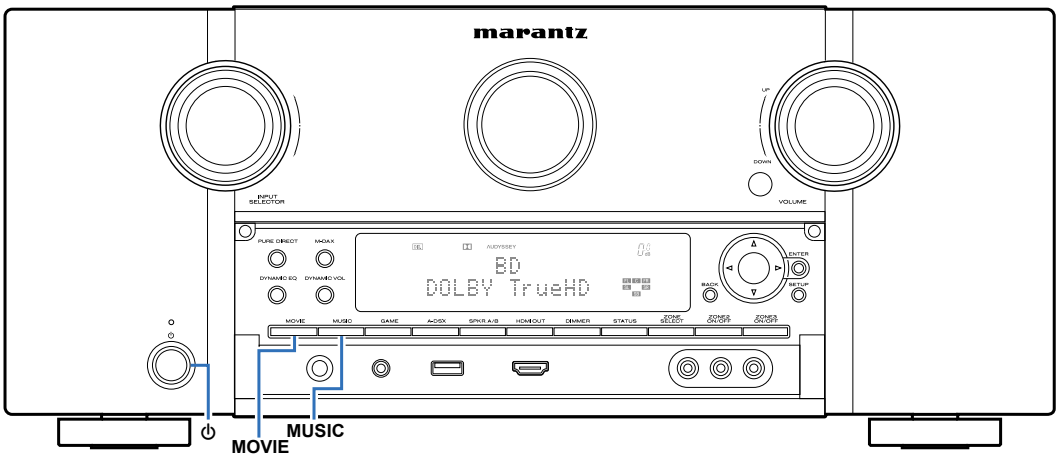
PRECAUTIONS DURING SERVICE

Initializing This Unit

Initialize this unit if you have replaced the microcomputer, one of the parts around the microcomputer, or the digital PCB.

1. Press the power button to turn off the power.
2. Hold down buttons "**MOVIE**" and "**MUSIC**" at the same time and press the power button to turn on the power.
3. Release the buttons after confirming that the display flashes in intervals of approximately 1 second.
   ＊ The unit is initialized.

NOTE：• If the status in step 3 does not occur, start again from step 1.
• Initializing the device restores settings configured by the user to the factory settings. Take note of your settings beforehand and reconfigure them after initialization.



Service Jigs

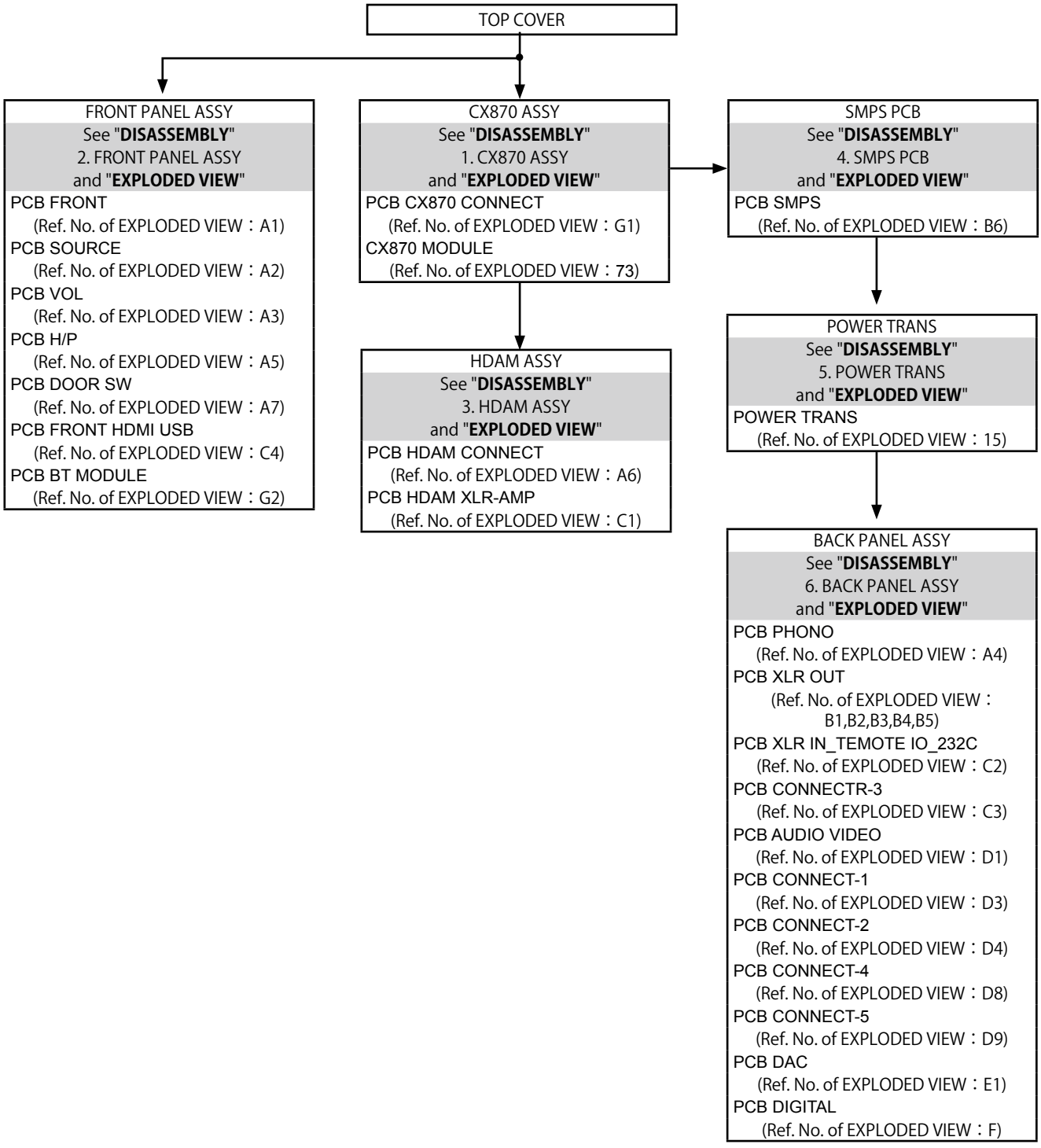
The following jigs (extension cable kit) are used when repairing the PCBs.
Order the jigs from your dealer if necessary.

8U- 110084S : EXTENSION UNIT KIT : 2 Set

(See 72 page)

DISASSEMBLY

- Remove each part in the order of the arrows below.
- Reassemble removed parts in the reverse order.
- Read **"Precautions During Work"** before reassembling removed parts.
- If wire bundles are removed or moved during adjustment or part replacement, reshape the wires after completing the work. Failure to shape the wires correctly may cause problems such as noise.

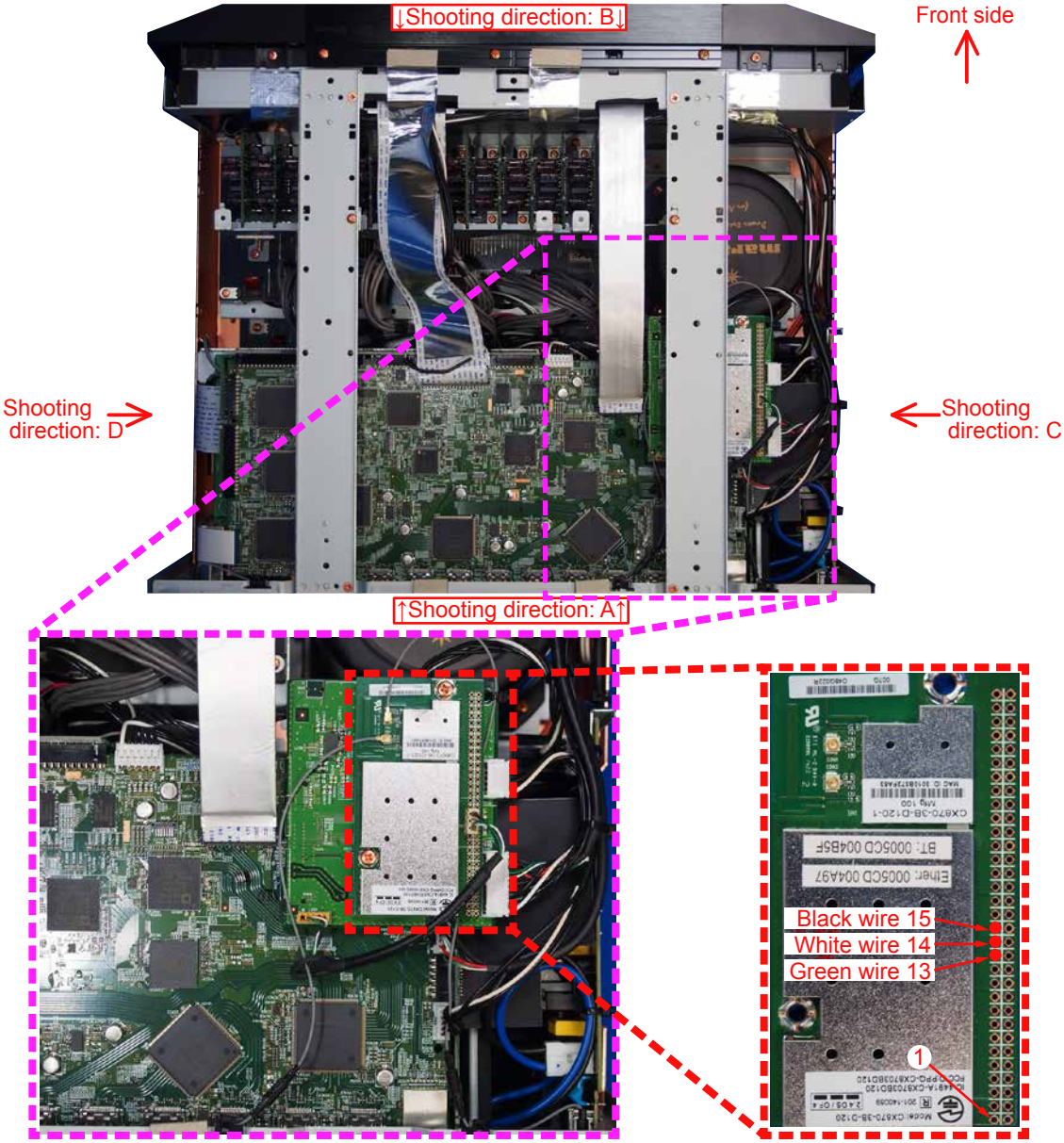


Explanatory Photos for DISASSEMBLY

- The angles from which the photos are taken are shown by "**Photo angle: A, B, C, D**".
- See the diagram below about the shooting direction of each photograph.
- Photographs with no shooting direction indicated were taken from the top of the unit.
- The photograph is AV8802U model.

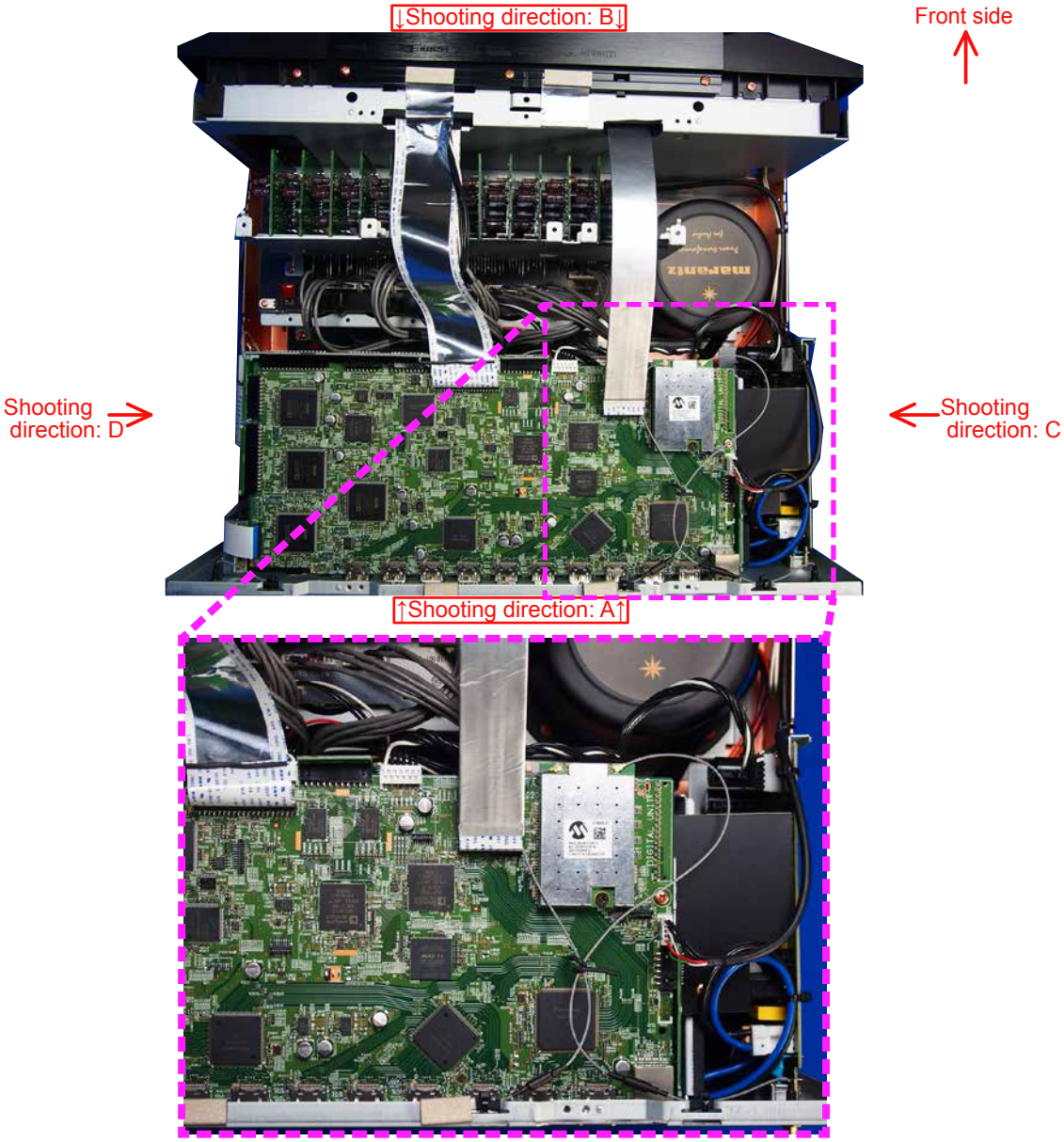
The viewpoint of each photograph for AV8802 △3

(Shooting direction:X)[View from the top] △2



The viewpoint of each photograph for AV8802A △3

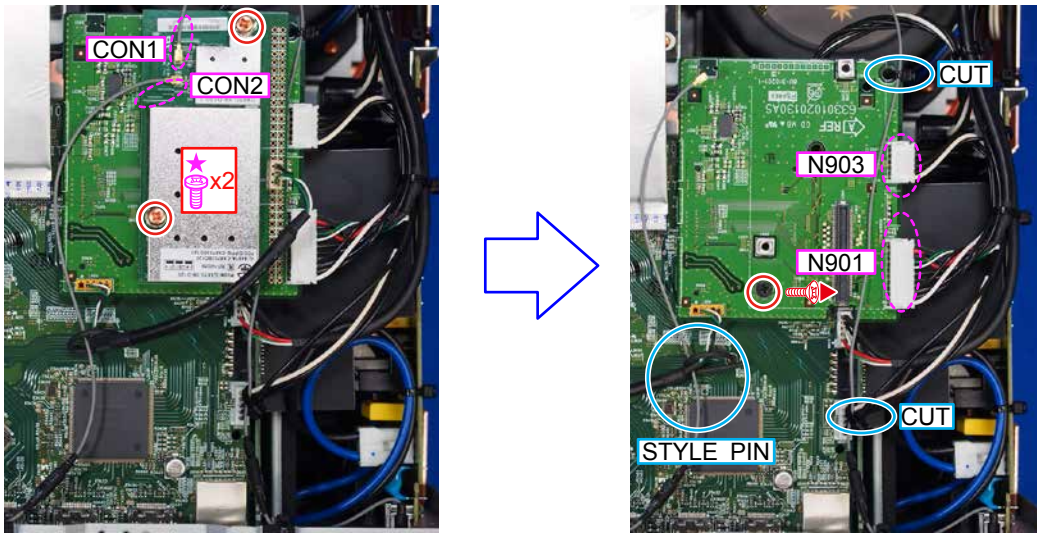
(Shooting direction:X)[View from the top]



1. CX870 ASSY for CX870 model only

Proceeding : TOP COVER L/R/CENTER → CX870 ASSY

(1) Remove the screws. Remove the connector wire. ⚠2

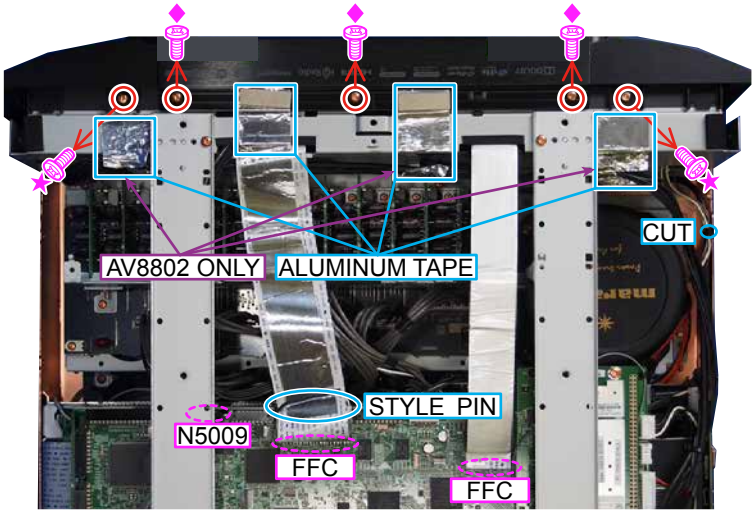


2. FRONT PANEL ASSY

Proceeding : TOP COVER L/R/CENTER → FRONT PANEL ASSY

(1) Remove the screws.

(2) Cut the wire clamp, then remove the ALUMINUM TAPE, STYLE PIN, FFC and connector wire. Remove the screws.

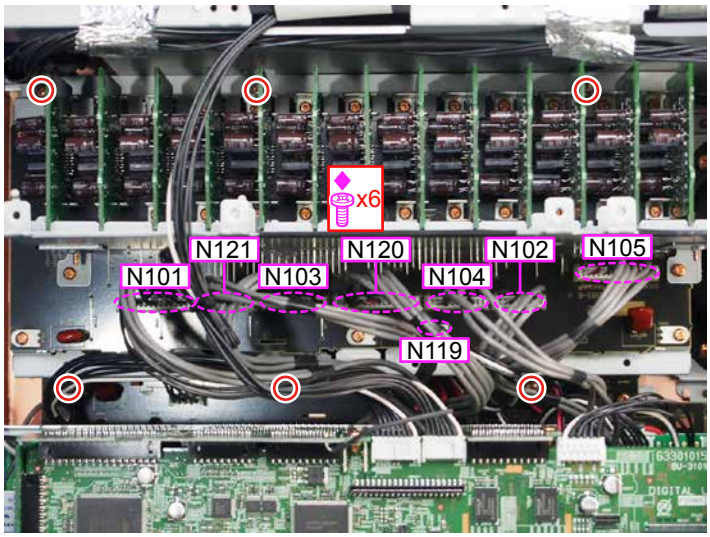


(3) Disassemble the FRONT PANEL ASSY. Remove the STYLE PIN and connector wire.

3. HDAM ASSY

Proceeding : TOP COVER → HDAM ASSY

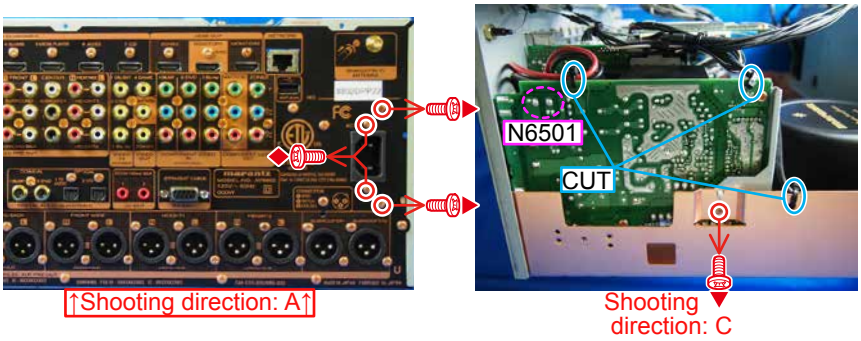
(1) Remove the screws. Remove the connector wire.



4. SMPS ASSY

Proceeding : TOP COVER → CX870 ASSY → SMPS ASSY

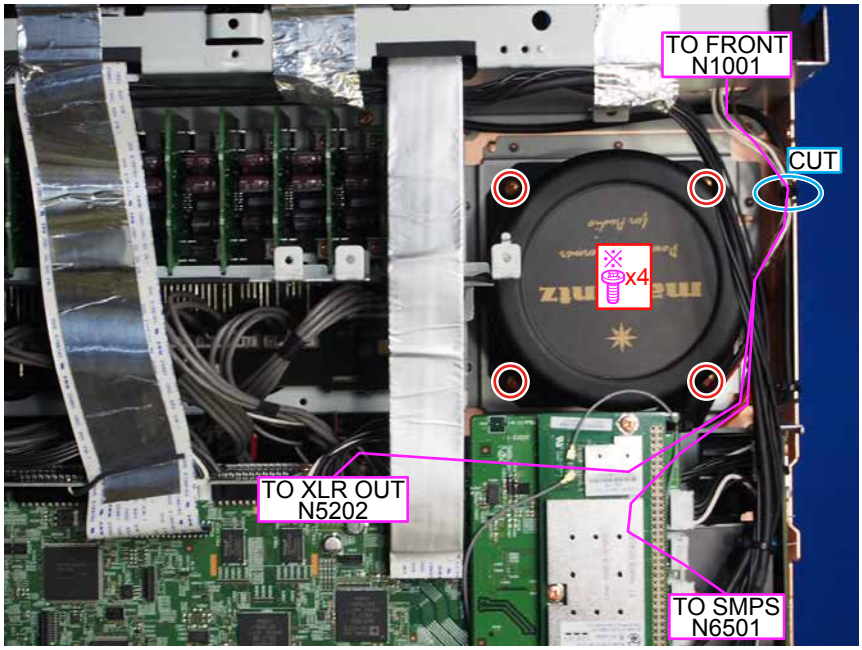
(1) Remove the screws. Cut the wire clamp, then remove the connector wire.



5. POWER TRANS

Proceeding : TOP COVER → SMPS ASSY → POWER TRANS

(1) Remove the screws. Cut the wire clamp, then remove the connector wire.



6. BACK PANEL ASSY

Proceeding : TOP COVER → HDAM ASSY → SMPS ASSY → BACK PANEL ASSY

(1) Remove the screws.

SPECIAL MODE

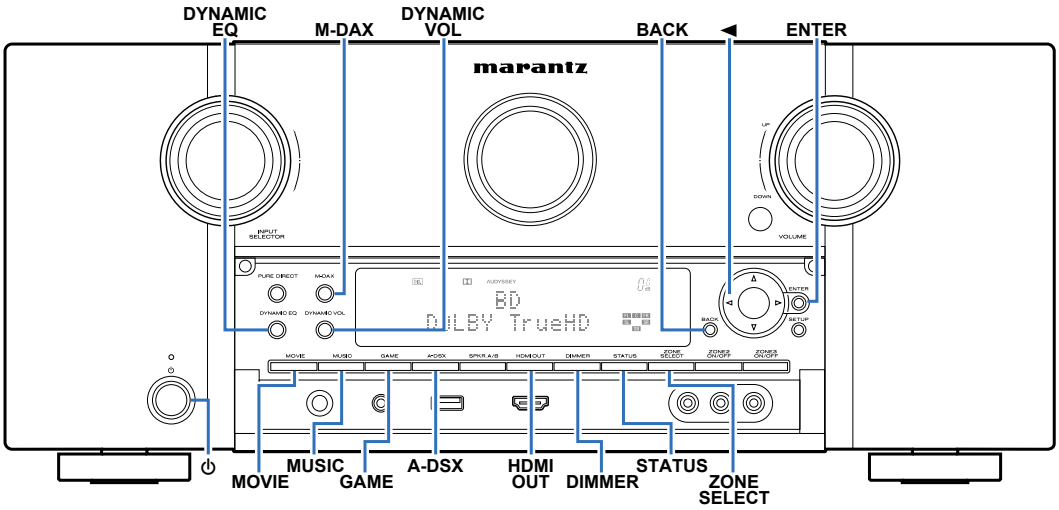
Special Mode Configuration Buttons

※ No. 1 - 10, 13 : Hold down buttons "**A**", "**B**" and "**C**" at the same time and press the power button to turn on the power.
※ No. 11, 12 : Hold down buttons "**A**" and "**B**" for at least 3 seconds while the power is on.
※ No. 14 : Press the "**A**" and "**B**" buttons simultaneously while inserting the AC plug to turn the power on.

No.	Mode	Button A	Button B	Button C	Contents
1	Version Display Mode (u-COM / DSP Error Display)	DIMMER	STATUS	-	Displays the version of firmware such as the main firmware or DSP, etc. Errors that have occurred are displayed. (See 19 page)
2	User Initialization Mode (Settings for the Installer Setup are not initialized.)	GAME	A-DSX	-	Initializes backup data. (Settings for the Installer Setup are not initialized.)
3	Factory Initialization Mode (Initialization includes settings for the Installer Setup.)	MOVIE	MUSIC	-	Initializes backup data. (Initialization includes settings for the Installer Setup.)
4	PANEL / REMOTE LOCK Selection Mode	BACK	ENTER	-	Start this unit in the PANEL/REMOTE LOCK selection mode so that PANEL LOCK and Remote Lock can be selected as ON or OFF. (See 23 page)
5	Check the Video/Audio pass Mode	ZONE SELECT	BACK	-	This is a special mode for service confirmation used during repair work to simplify the confirmation work for the Audio channel/video channel. (See 24 page)
6	232C Standby Clear Mode	↑	↑	-	Switches from 232C standby mode to normal standby mode. (See 69 page)
7	Operation Info Mode	↑	↑	-	Displays the total operating time of the set, number of times the power was switched on, and number of occurrences of each protection. (See 69 page)
8	TUNER STEP Mode (N model only)	↑	↑	-	Enables reception STEP of the ANALOG TUNER to be changed. (See 70 page)
9	Installer Setup Mode	CURSOR ◄	BACK	-	Access the Remote Maintenance mode via the internet.Installer Setup is displayed on Setup menu / Network. ※ Refer to AVR_RemoteMaintenance_.pdf of SDI.
10	Additional Source Mode	SLEEP	A-DSX	-	Adds AUX3-7 as a Source. (See 70 page)
11	CX870 / CY920 Reboot Mode	BACK	ENTER	-	Restarts CX870 / CY920. (See 71 page)
12	CX870 / CY920 Initialization Mode	M-DAX	DYNAMIC EQ	-	Enter this mode only after replacing Flash for CX870 / CY920 and rewriting the firmware. (See 71 page)
13	USB Update Mode	HDMI OUT	STATUS		Switches this unit to USB Update mode. (See 74 page)
14	Forced USB All Device Write Mode	HDMI OUT	STATUS	-	Mode used when this unit cannot be recovered. Forcibly switches this unit to USB update mode. (See 77 page)

NOTE :

When the volume indicator displays " -88- ", the set has entered a special mode for developers. In this case, RS-232C communication cannot be used.
To cancel this special mode, press and hold the "**DIMMER**"and "**STATUS**" buttons for 3 seconds and longer. When the volume indicator returns to the normal display, RS-232C communication can be used.



1. Version Display Mode

1.1. Actions

Version information is displayed when the device is started in this mode.

1.2. Starting up

Hold down buttons "**DIMMER**" and "**STATUS**" at the same time and press the power button to turn on the power.
Press the "**STATUS**" button after this to show the information in section 1.3 on the display.
※ A version list is also displayed on GUI while the version appears on the display.

1.3. Display Order

Error information(See "**1.4. Error display**") → ① Model destination information, Serial Number
→ ② Firmware Package Version → ③ Main µ-com, Main 1st Boot Loader Version
→ ④ Sub µ-com, Sub 1st Boot Loader Version → ⑤ DSP1/2/3/4 ROM → ⑥ Audio, Video PLD → ⑦ GUI SFLASH
→ ⑧ Ethernet 1st Boot Loader, Hardware ID → ⑨ Ethernet 2nd Boot Loader, Rhapsody Flag → ⑩ Ethernet IMAGE
→ ⑪ Ethernet MAC ADDRESS information → ⑫ BT MAC ADDRESS information → ⑬ HD Radio(U only)
→ ⑭ MultEQ Pro APP (Displayed when Audyssey Pro is complete) → ⑮ MultEQ Pro ICL (Displayed when Audyssey Pro is complete)

① Model destination information, Serial Number :

FLD	L1	A	V	8	8	0	2		Z								*

Case of CX870 : Display "*" at the end

z : Region (U, N, F)

FLD	L1	A	V	8	8	0	2	A		Z							

AV8802A ONLY ③

z : Region (U, N, F)

FLD	L2	S	/	N	.			*	*	*	*	*	*	*	*	*	*

② Firmware Package Version :

FLD	L1		F	i	r	m	.		P	a	c	k	a	g	e		
	L2								V	e	r	.	:	*	*	*	*

③ Main µ-com, Main 1st Boot Loader Version :

FLD	L1		M	a	i	n					:	*	*	.	*	*	*
	L2		M	a	i	n		F	B	L		:	*	*	.	*	*

Case of CX870 : Display "*" at the end

④ Sub µ-com, Sub 1st Boot Loader Version : Model code

FLD	L1		S	u	b				:	2	9	2	0	*	*	*	*

AV8802 ONLY ③

FLD	L1		S	u	b				:	4	5	2	0	*	*	*	*

AV8802A ONLY ③

FLD	L2		S	u	b		F	B	L			:	*	*	.	*	*

⑤ DSP 1/2 ROM :

FLD	L1		D	S	P	1						:	*	*	.	*	*
	L2		D	S	P	2						:	*	*	.	*	*

DSP 3/4 ROM :

FLD	L1		D	S	P	3						:	*	*	.	*	*
	L2		D	S	P	4						:	*	*	.	*	*

⑥ Audio, Video PLD :

FLD	L1		A	u	d	i	o		P	L	D	:	*	*	.	*	*
	L2		V	i	d	e	o		P	L	D	:	*	*	.	*	*

⑦ GUI SFLASH :

FLD																
	L1		G	U	I				:	2	9	2	Z	*	*	*	*
	L2																

Z : Region code(U / N / F = 1, K = 5)

⑧ Ethernet 1st Boot Loader, Hardware ID :

FLD																
	L1		E	t	h	e	r	n	e	t		F	B	L			
	L2	*	*	*	*	*	*	-	A	A							

AA : Hardware ID

⑨ Ethernet 2nd Boot Loader, Rhapsody Flag :

FLD																	
	L1		E	t	h	e	r	n	e	t		S	B	L			
	L2	*	*	*	*	*	*	*	*	*	*	*	*	*	-	B	B

⑩ Ethernet IMAGE :

FLD																	
	L1		E	t	h	e	r	n	e	t		I	M	G			
	L2	*	*	*	*	*	*	*	*	*	*	*	*	*			

⑪ Ethernet MAC ADDRESS information :

FLD																	
	L1	*	N	E	T		M	A	C		A	d	d	r	e	s	s
	L2	*	*	*	*	*	*	*	-	*	*	*	*	*			

⑫ BT MAC ADDRESS information :

FLD																	
	L1	*	B	T		M	A	C		A	d	d	r	e	s	s	
	L2		*	*	*	*	*	*	-	*	*	*	*	*	S		

⑬ HD Radio :

FLD																	
	L1	*	H	D				:	S	S	S	S	S	S	S	S	-
	L2								R	V	V	V	V	.	B	B	B

S : Software Configuration, R : Release Type, V : Base Version No., B : Build No.

⑭ MultEQ Pro APP :

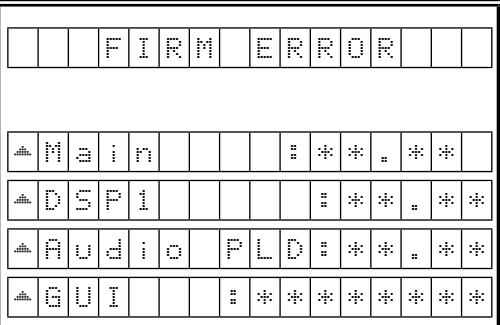
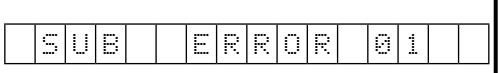
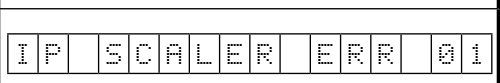
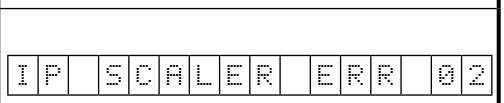
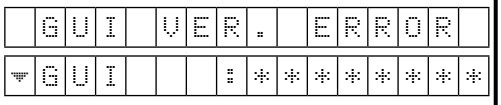
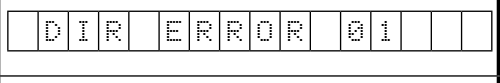
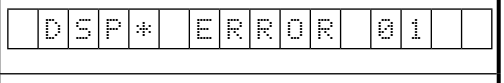
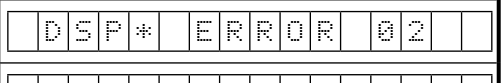
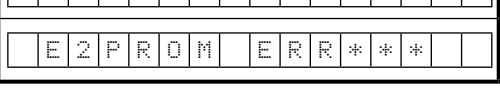
FLD																	
	L1	*	M	u	l	t	E	Q		P	r	o		A	P	P	
	L2	*	*	.	*	*	.	*	*	.	*	*	*	*			

⑮ MultEQ Pro ICL :

FLD																	
	L1	*	M	u	l	t	E	Q		P	r	o		I	C	L	
	L2	*	*	.	*	*	.	*	*	.	*	*	*	*			

1.4. Error display

See the table below for descriptions of displayed errors and countermeasures for these.
Display order is ①,②,③,④,⑤,⑥,⑦.

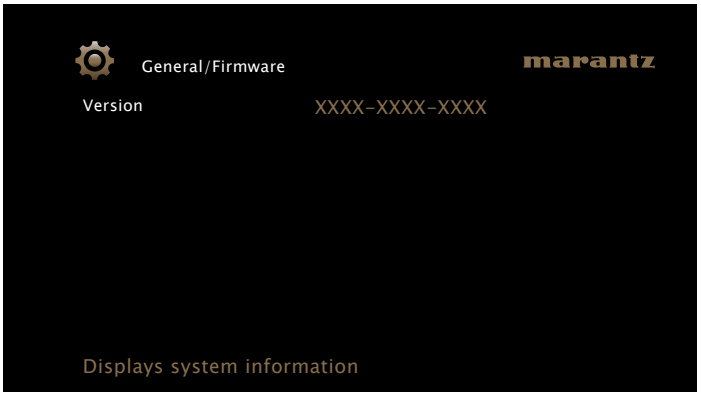
Condition	States	Display	TROUBLE SHOOTING
① Firm Check NG	The model name, brand name and region information written in the firmware are compared to the region settings in the PCB. This error is displayed if the information does not match. " ▲ " is displayed as the first character if the firmware is not correct (see right section of table).		•Check the resistor for setting region(R5003, R5004, R5006, R5007, R5013, R5014 DIGITAL PCB). •Write the firmware for the correct region.
② SUB μ -COM NG	There is not a reply from SUB μ-COM.		•Check the SUB(U2101) and surrounding circuits.
③ IP SCALER NG	An error occurs in Loopback Test of the DDR memory to perform at initial setting of i/p Scaler(ADV8003).		•Check the circuits around the IP SCALER (U2800, DIGITAL PCB) and DDR2 (U3000/U3001). If there appear to be no problems, U2800 or U3000/U3001 is faulty.
	In initial setting of i/p Scaler (ADV8003) , there is not the reply of the Loopback Test result of the DDR memory .		
④ GUI Serial Flash NG	When it is different from Version of the Main CPU which Version of GUI Serial Flash supports . (ADV8003) " ▼ " is displayed as the first character of the GUI firmware version.		•Check the firmware version.
⑤ DIR NG	This error is displayed if there is no response from the DIR.		•Check the DIR (U1000, DIGITAL PCB) and surrounding circuits.
⑥ DSP* NG (* : 1/2/3/4)	The DSP* FLAG0 port does not enter "**Hi**" status even after executing a DSP reset during a DSP code boot.		•Check the DSP (U101, U201, U301, U401, DIGITAL PCB) and surrounding circuits.
	The DSP* FLAG0 port does not enter "**Hi**" status before issuing a DSP command.		
	ACK="**Hi**" does not occur during DSP* data reading, even when WRITE="**Lo**".		
	ACK="**Lo**" does not occur during DSP* data reading, even when REQ="**Lo**".		
	ACK="**Hi**" does not occur during DSP* data writing, even when WRITE="**Hi**".		
	ACK="**Lo**" does not occur during DSP* data writing, even when REQ="**Lo**".		
⑦ EEPROM NG	An error occurred in a checksum of the EEPROM(*** is a block address number).		

1.5. Version Display in the Setup Menu

Follow the steps below to display the firmware information.

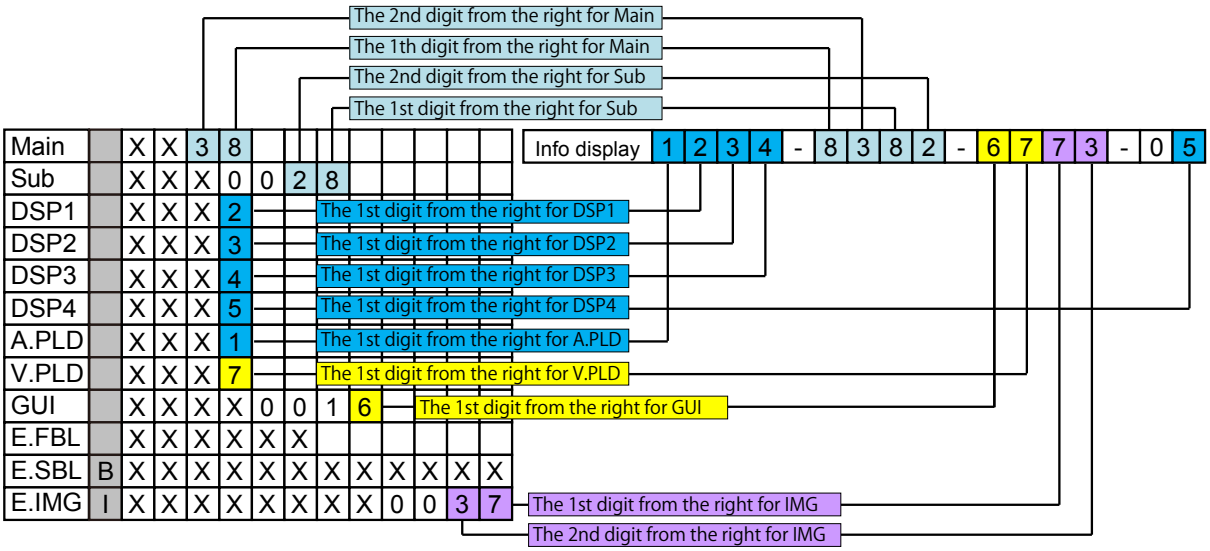
(1) Press the "**SETUP**" button on the remote control.
(2) Select "**General - Information - Firmware**".

The version information is displayed as a 14-digit number as shown in the screenshot below.



GUI Image

This 14-digit number comprises part of the version number of each device and module.
These version numbers correspond to the 14-digit number as shown below.



※ The firmware version numbers and this 14-digit version information are written in the Service Information.

2. PANEL / REMOTE LOCK Selection Mode

2.1. Actions

Turn the PANEL LOCK and REMOTE LOCK modes on and off.

2.2. Starting up

Hold down buttons "**BACK**" and "**ENTER**" at the same time and press the power button to turn on the power.
Select the mode using the button "**CURSOR ▼/▲**"", and press the button "**ENTER**" to commit the selection.

2.3. Displaying and Selecting Each Mode

The information shown on the display changes each time the button "**CURSOR ▼/▲**" is pressed.
Press the button "**ENTER**" to set the currently displayed mode and restart the device.
The On/Off setting for each mode is shown by an asterisk "*".

①

FLD	L1	▶	F	P	/	V	O	L		L	O	C	K	*	O	n	
	L2		F	P		L	O	C	K						O	n	

The buttons on the unit and the master volume knob cannot be operated.

②

FLD	L1		F	P	/	V	O	L		L	O	C	K	*	O	n	
	L2	▶	F	P		L	O	C	K						O	n	

The buttons on the unit cannot be operated.

③

FLD	L1		F	P		L	O	C	K					*	O	n	
	L2	▶	F	P		L	O	C	K						O	f	f

The PANEL LOCK mode is turned off.

④

FLD	L1		F	P		L	O	C	K						O	f	f
	L2	▶	R	C		L	O	C	K						O	n	

The device cannot be operated by the remote control.

⑤

FLD	L1		R	C		L	O	C	K						O	n	
	L2	▶	R	C		L	O	C	K						O	f	f

The REMOTE LOCK mode is turned off.

3. Selection Modes for Service-related Operations

3.1. Actions

Select diagnostic mode (service path check mode), 232C standby clear mode, Operation Info mode or TUNER STEP mode(U and N model only).

3.2. Starting up

Hold down buttons "**ZONE SELECT**" and "**BACK**" at the same time and press the power button to turn on the power.
Select the mode using the button "**CURSOR ▼/▲**", and press the button "**ENTER**" to commit the selection.

3.3. Displaying and Selecting Each Mode

The information shown on the display changes each time the button "**CURSOR ▼/▲**" is pressed.
Press the button "**ENTER**" to set the currently displayed mode and restart the device.

①

FLD	L1	▶	1	.	S	E	R	V	I	C	E		C	H	E	C	K
	L2		3	.	R	S	2	3	2	C		R	E	S	E	T	

Service Path Check Mode:
The Video and Audio paths can be checked.
This function is convenient for confirming problem paths in the product and executing a path check after repair.

②

FLD	L1		1	.	S	E	R	V	I	C	E		C	H	E	C	K
	L2	▶	3	.	R	S	2	3	2	C		R	E	S	E	T	

Switches from 232C standby mode to normal standby mode.

③

FLD	L1		3	.	R	S	2	3	2	C		R	E	S	E	T	
	L2	▶	4	.	O	P		I	N	F	O						

Operation Info for the unit can be checked.

④

FLD	L1		4	.	O	P		I	N	F	O						
	L2	▶	5	.	T	U	N	E	R		F	R	Q		S	E	T

Enables reception STEP of the ANALOG TUNER to be changed.

3.4. Canceling the mode

Press the power button to turn off the power.

3.4. DIAGNOSTIC MODE (Service Path Check Mode)

3.4.1. Actions

This function is convenient for confirming problem paths in the product and executing a path check after repair.
The Video and Audio paths can be checked.
The backup data is not rewritten.

3.4.2. Starting up

Hold down buttons "**ZONE SELECT**" and "**BACK**" at the same time and press the power button to turn on the power.
Select "**1. SERVICE CHECK**" and press the "**ENTER**" button to start the diagnostic mode.
The "**TUNED**", "**STERO**" and "**RDS**" segments are lit in this mode.

3.4.3. Canceling diagnostic mode

Press the power button to turn off the power.

3.4.4. Selecting items

Press ① button to switch between video items and audio items.
Press button ② or ③ to select the previous or next item.

	The unit			Remote control unit		
Actions	① Audio ⇔ Video	② PREVIOUS	③ NEXT	① Audio ⇔ Video	② PREVIOUS	③ NEXT
Button	DIMMER	CURSOR ◄	CURSOR ►	SLEEP	CURSOR ◄	CURSOR ►

3.4.5. Audio system confirmation items

fig. XX: See the block diagram of the fig.XXth.

	Paths confirmation item	Display	Settings	Contents of confirmation Remarks
1	Analog (MAIN ZONE) **fig.01**	A01:ANALOG PASS	Input Source : CBL/SAT Input Mode : Analog(fixed) Sound mode : Direct Vol. : 60.0 (-20.0dB) Amp assign : 11.1ch ZONE2 : OFF ZONE3 : OFF	・Analog input ⇒ RCA output (Front L/R) ・Analog input ⇒ XLR output (Front L/R) (※ The input source can be switched to any source except CBL/SAT.)
2	Digital (MAIN ZONE) **fig.02a** **fig.02b**	A02:DIGITAL	Input Source : CBL/SAT Input Mode : Digital(fixed) Sound mode : Multi Ch Stereo Vol. : 60.0 (-20.0dB) Amp assign : 11.1ch Speaker Select : Floor Speaker Config : All Speaker=Small/Subwoofer=2spkrs ZONE2 : OFF ZONE3 : OFF	・Digital input ⇒ RCA output (Front L/R, Center, Surround L/R, Surround Back L/R, Subwoofer) ・Digital input ⇒ XLR output (Front L/R, Center, Surround L/R, Surround Back L/R, Subwoofer) (※ The input source can be switched to any source except CBL/SAT.)
3	Digital (signal) Path (ZONE2) **fig.03a** **fig.03b** **fig.03c**	A03:DIGITAL-Z2	Input Source : Online Music Input Mode : Auto Sound mode : Stereo Amp assign : 11.1ch ZONE2 : ON ZONE2 Source : Source Z2 Vol. : 60.0 (-20.0dB) ZONE3 : OFF	・Digital(PCM) input ⇒ ZONE2 RCA output (ZONE2 L/R) (※ The input source can be switched to any source except Online Music.)
4	Digital (signal) Path (ZONE3) **fig.04a** **fig.04b**	A04:DIGITAL-Z3	Input Source : Online Music Input Mode : Auto Sound mode : Stereo Amp assign : 11.1ch ZONE2 : OFF ZONE3 : ON ZONE3 Source : Source Z3 Vol. : 60.0 (-20.0dB)	・Digital(PCM) input ⇒ ZONE3 RCA output (ZONE3 L/R) (※ The input source can be switched to any source except Online Music.)
5	HDMI (MAIN ZONE) **fig.05a** **fig.05b** **fig.05c**	A05:HDMI	Input Source : CBL/SAT Input Mode : HDMI(fixed) Sound mode : Stereo Vol. : 60.0 (-20.0dB) Amp assign : 11.1ch ZONE2 : OFF ZONE3 : OFF	・HDMI Input ⇒ RCA output (Front L/R) ・HDMI Input ⇒ XLR output (Front L/R) (※ The input source can be switched to any source except CBL/SAT.)

	Paths confirmation item	Display	Settings	Contents of confirmation Remarks
6	A/D (MAIN ZONE) **fig.06a** **fig.06b**	A06:AD	Input Source : CBL/SAT Input Mode : Analog(fixed) Sound mode : Multi Ch Stereo Vol. : 60.0 （-20.0dB） Amp assign : 11.1ch Height Speakers=2 Height Speakers Height Layout=Front Height Speaker Select : Floor Speaker Config : All Speaker=Small/Subwoofer=2spkrs ZONE2 : OFF ZONE3 : OFF	・Analog input ⇒ RCA output (Front L/R, Center, Surround L/R, Surround Back L/R, Front Wide L/R, Subwoofer) ・Analog input ⇒ XLR output, SW(20Hz) (Front L/R, Center, Surround L/R, Surround Back L/R, Front Wide L/R, Subwoofer) (※ The input source can be switched to any source except CBL/SAT.) (※ Volume -20dB is the value when Relative settings are used. The value is 60 when Absolute settings are used)
7	Amp Assign (ZONE2) **fig.07**	A07:ASSIGN-Z2	Input Source : CBL/SAT Input Mode : Auto Sound mode : Stereo Amp assign : 11.1ch ZONE2 : ON Z2 Source : Source Z2 Vol : 60 （-20dB） ZONE3 : OFF	・Analog input ⇒ ZONE 2 RCA output (ZONE2 L/R) (※ The input source can be switched to any source except CBL/SAT.) (※ Volume -20dB is the value when Relative settings are used. The value is 60 when Absolute settings are used)
8	Amp Assign (ZONE3) **fig.08**	A08:ASSIGN-Z3	Input Source : CBL/SAT Input Mode : Auto Sound mode : Stereo Amp assign : 11.1ch ZONE2 : OFF ZONE3 : ON ZONE3 Source : Source Z3 Vol. : 60.0 （-20.0dB）	・Analog input ⇒ ZONE 3 RCA output (ZONE3 L/R) (※ The input source can be switched to any source except CBL/SAT.) (※ Volume -20dB is the value when Relative settings are used. The value is 60 when Absolute settings are used)
9	Amp Assign (BiAMP-Surround Back) **fig.09**	A11:BiAmp-SB	Input Source : CBL/SAT Input Mode : Auto Sound mode : Stereo Vol. : 60.0 (-20.0dB) Amp assign : 9.1ch(Bi-Amp) Speaker for Bi-Amp : SURROUND BACK MAIN ZONE ON ZONE2 OFF ZONE3 OFF	・Analog input ⇒ RCA output (Front L/R, Surround Back L/R → Front) ・Analog input ⇒ XLR output (Front L/R, Surround Back L/R → Front) (※ The input source can be switched to any source except CBL/SAT.) (※ Volume -20dB is the value when Relative settings are used. The value is 60 when Absolute settings are used)
10	Amp Assign (BiAMP-Front Wide) **fig.10a** **fig.10b**	A12:BiAmp-SW	Input Source : CBL/SAT Input Mode : Auto Sound mode : Stereo Vol. : 60.0 (-20.0dB) Amp assign : 9.1ch (Bi-Amp) Speaker for Bi-Amp : FRONT WIDE MAIN ZONE ON ZONE2 OFF ZONE3 OFF	・Analog input ⇒ RCA output (Front L/R, Front Wide L/R → Front) ・Analog input ⇒ XLR output (Front L/R, Front Wide L/R → Front) (※ The input source can be switched to any source except CBL/SAT.) (※ Volume -20dB is the value when Relative settings are used. The value is 60 when Absolute settings are used)
11	Amp Assign (BiAMP-Height1) **fig.11a** **fig.11b**	A13:BiAmp-H1	Input Source : CBL/SAT Input Mode : Auto Sound mode : Stereo Vol. : 60.0 (-20.0dB) Amp assign : 9.1ch (Bi-Amp) Speaker for Bi-Amp : HEIGHT1 MAIN ZONE ON ZONE2 OFF ZONE3 OFF	・Analog input ⇒ RCA output (Front L/R, Height1 L/R → Front) ・Analog input ⇒ XLR output (Front L/R, Height1 L/R → Front) (※ The input source can be switched to any source except CBL/SAT.) (※ Volume -20dB is the value when Relative settings are used. The value is 60 when Absolute settings are used)
12	Front Height **fig.12a** **fig.12b**	A14:FRONT HEIGHT	Input Source : CBL/SAT Input Mode : Auto Sound mode : Multi Ch Stereo Vol. : 60.0 （-20.0dB） Amp assign : 11.1ch Height Speakers : 4Height Speakers Height Layout : Top Front & Top Rear Speaker Config : Front Wide=None Speaker Select : Floor & Height MAIN ZONE ON ZONE2 : OFF ZONE3 : OFF	・Analog input ⇒ RCA output (Height 1 L/R → Top Front, Height 2 L/R → Top Rear) ・Analog input ⇒ XLR output (Height 1 L/R → Top Front, Height 2 L/R → Top Rear) (※ The input source can be switched to any source except CBL/SAT.) (※ Volume -20dB is the value when Relative settings are used. The value is 60 when Absolute settings are used)

	Paths confirmation item	Display	Settings	Contents of confirmation Remarks
13	Front Wide **fig.13a** **fig.13b**	A15:FRONT WIDE	Input Source : CBL/SAT Input Mode : Auto Sound mode : Multi Ch Stereo Vol. : 60.0 （-20.0dB） Amp assign : 11.1ch Height Speakers : 4 Height Speakers Height Layout : Front Height & Top Middle Speaker Config: S.Back=None Speaker Select : Floor MAIN ZONE ON ZONE2 : OFF ZONE3 : OFF	・Analog input ⇒ RCA output (Front Wide L/R) ・Analog input ⇒ XLR output (Front Wide L/R) (※ The input source can be switched to any source except CBL/SAT.) (※ Volume -20dB is the value when Relative settings are used. The value is 60 when Absolute settings are used)
14	7.1CH IN **fig.14**	A19:7.1CH IN	Input Source : CBL/SAT Input Mode : 7.1CH IN Vol. : 60.0 （-20.0dB） Amp assign : 11.1ch Speaker Config : All Speaker=Small/Subwoofer=2spkrs Speaker Select : Front, Center, Surround, S.Back, Subwoofer MAIN ZONE ON ZONE2 : OFF ZONE3 : OFF	・7.1CH IN input ⇒ RCA output (Front L/R, Center, Surround L/R, S.Back L/R, Subwoofer) ・7.1CH IN input ⇒ XLR output (Front L/R, Center, Surround L/R, S. Back L/R, Subwoofer) (※ The input source can be switched to any source except CBL/SAT.)
15	Back DAC>>Height2 **fig.15a** **fig.15b**	A20:SB-HEIGHT2	Input Source : CBL/SAT Input Mode : Auto Sound mode : Multi ch Stereo Vol. : 60.0 (-20.0dB) Amp assign : 11.1ch Height Speakers : 4Height Speakers Height Layout : Top Front & Top Rear Speaker Conofig : Surround Back=None Speaker Select : Floor & Height MAIN ZONE ON ZONE2 OFF ZONE3 OFF	・Analog 入力 ⇒ RCA 出力 (Height2 L/R → Top Rear) ・Analog 入力 ⇒ XLR 出力 (Height2 L/R → Top Rear) (※ The input source can be switched to any source except CBL/SAT.) (※ Volume -20dB is the value when Relative settings are used. The value is 60 when Absolute settings are used)
16	Height1 DAC>>Height2 **fig.16a** **fig.16b**	A21:H1-HEIGHT2	nput Source : CBL/SAT Input Mode : Auto Sound Mode : Multi ch Stereo Vol. : 60.0 (-20.0dB) Amp assign : 11.1ch Height Speakers : 4 Height Speakers Height Layout : Top Front & Top Rear Speaker Conofig : All Small Speaker Select : Front ※Special configuration : Height1 Path → Fixed the Height1 RCA/XLR of Relay in Off Height1 Path → Fixed the Height2 RCA/XLR of Relay in On Back Path → Fixed the Height2 RCA/XLR of Relay in On Back Path → Fixed the Height2 RCA/XLR of Relay in Off Wide Path → Fixed the Wide RCA/XLR of Relay in On Wide Path → Fixed the Height2 RCA/XLR of Relay in Off MAIN ZONE ON ZONE2 OFF ZONE3 OFF	・Analog input ⇒ RCA 出力 (Top Rear L/R) ・Analog input ⇒ XLR 出力 (Top Rear L/R) (※ The input source can be switched to any source except CBL/SAT.) (※ Volume -20dB is the value when Relative settings are used. The value is 60 when Absolute settings are used) Attention : For paths confirmation, in this mode, audio output of Height1 I will be output from the RCA/XLR of Height2. (No sound is output from the Height1 of RCA / XLR. Sound of Height2 is not output from any terminal.)

3.4.6. Video system confirmation items

fig. XX: See the block diagram of the fig.XXth.

	Paths confirmation item		Display	Settings	Contents of confirmation Remarks
1	Analog Video	**fig.17**	V01:VIDEO PASS	Input Source : CBL/SAT Video Convert(IP Scaler) : OFF, All sources MAIN ZONE : ON ZONE2 : ON ZONE3 : OFF	・Component input ⇒ Component output (※ The input source can be switched to any source except CBL/SAT.)
2	Video Convert (Analog or HDMI ⇒ HDMI)	**fig.18**	V02:V.CONVERT	Input Source : CBL/SAT Video Convert(IP Scaler) : ON, All sources IP Scaler : "Analog & HDMI", All sources Resolution : "Auto", All sources MAIN ZONE : ON ZONE2 : OFF ZONE3 : OFF	・CVBS input ⇒ IP Scaler ⇒ HDMI output. ・Component input ⇒ IP Scaler ⇒ HDMI output. ・HDMI input ⇒ IP Scaler ⇒ HDMI output. ・ETHERNET input ⇒ IP Scaler ⇒ HDMI output. (※ The input source can be switched to any source except CBL/SAT.)
3	HDMI pass （MAIN ZONE）	**fig.19**	V03:HDMI PASS	Input Source : CBL/SAT Source of Video Convert(IP Scaler) : OFF, All sources MAIN ZONE : ON ZONE2 : OFF ZONE3 : OFF	・HDMI input ⇒ HDMI output（MAIN ZONE） (※ The input source can be switched to any source except CBL/SAT.)
4	HDMI CEC	**fig.20**	V04:HDMI CEC	Input Source : CBL/SAT HDMI Control : ON Control Monitor : Monitor1 (Checking the HDMI Monitor Out1) MAIN ZONE : ON ZONE2 : OFF ZONE3 : OFF	・When the power supply of a TV is put in the standby mode, make sure that the power supply of this unit is also put in the standby mode. ・The ARC path can also be checked (check this using the TV input source). (※ The input source can be switched to any source except CBL/SAT.)
5	HDMI Audio (Audio : AVR)	**fig.21a** **fig.21b** **fig.21c**	V05:H.AUDIO-AVR	Input Source : CBL/SAT HDMI Control : OFF HDMI Audio : AVR (if checking the audio output from AVR)	・HDMI input(PCM, DolbyDigital, DTS) ⇒ RCA/XLR output. ・HDMI input(HD audio) ⇒ RCA/XLR output. (※ The input source can be switched to any source except CBL/SAT.)
6	HDMI Audio (Audio : TV)	**fig.22a** **fig.22b**	V06:H.AUDIO-TV	Input Source : CBL/SAT HDMI Control : OFF HDMI Audio : TV (if checking the audio output from TV)	・HDMI input(PCM, DolbyDigital DTS) ⇒ HDMI output (audio output from connected TV) (※ The input source can be switched to any source except CBL/SAT.)
7	GUI	**fig.23**	V07:GUI MENU ON	Input Source : CBL/SAT Video Convert(IP Scaler) : ON, All sources IP Scaler : "Analog & HDMI", All sources Resolution : "AUTO", All sources Setup Menu : ON MAIN ZONE : ON ZONE2 : OFF ZONE3 : OFF	・GUI display ⇒ HDMI output. (※ The input source can be switched to any source except CBL/SAT.)
8	HDMI (ZONE2)	**fig.24**	V08:ZONE2 HDMI	Input Source : CBL/SAT ZONE2 Source : Source MAIN ZONE : ON ZONE2 : ON ZONE3 : OFF	・HDMI input ⇒ HDMI output (ZONE2) (※ The input source can be switched to any source except CBL/SAT.)

DIAGNOSTIC PATH DIAGRAM

fig.01

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

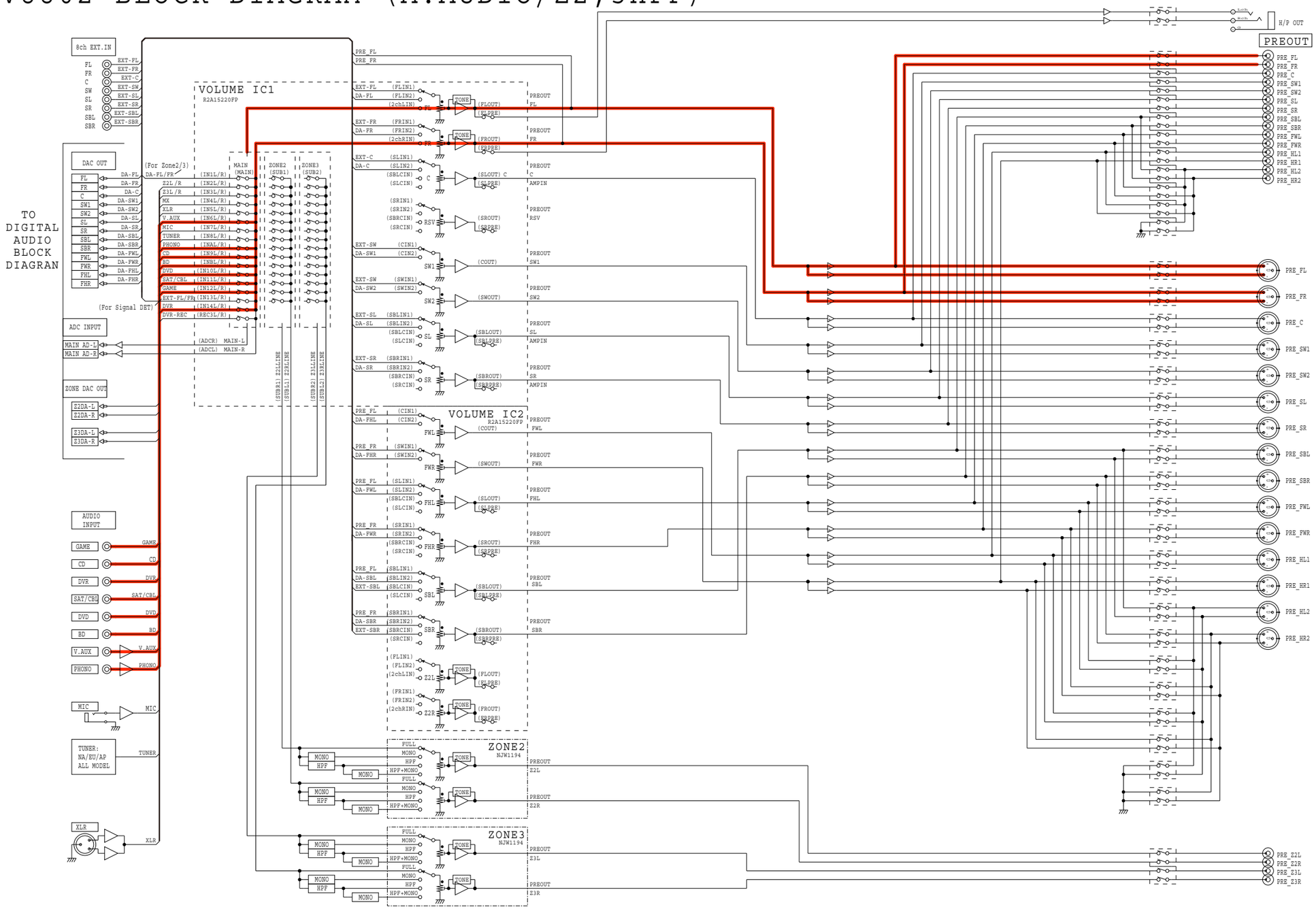


fig.02a

AV8802 DIGITAL AUDIO/NETWORK BLOCK DIRAGRAM

DIGITAL PCB BLOCK

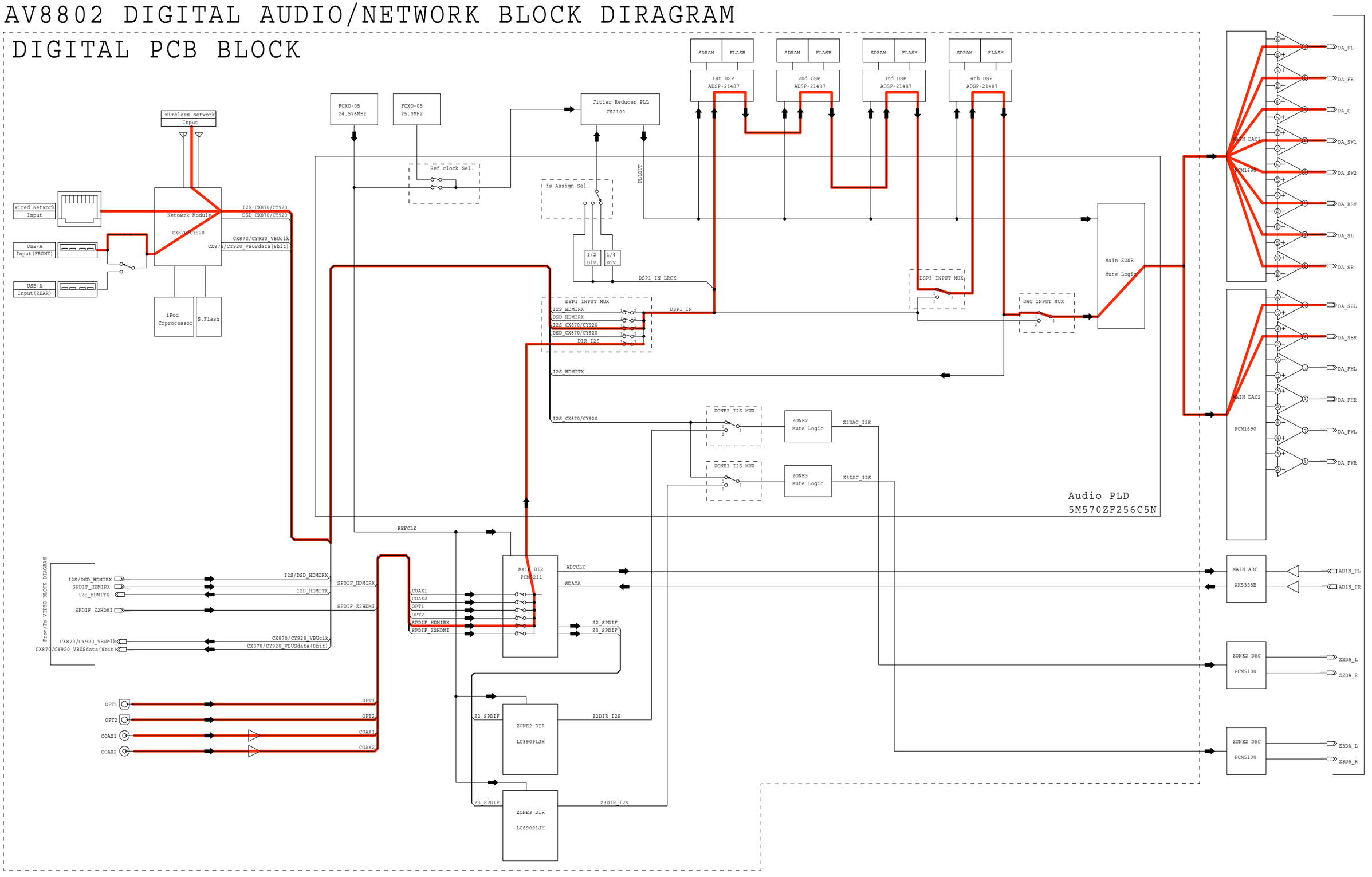


fig.02b

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

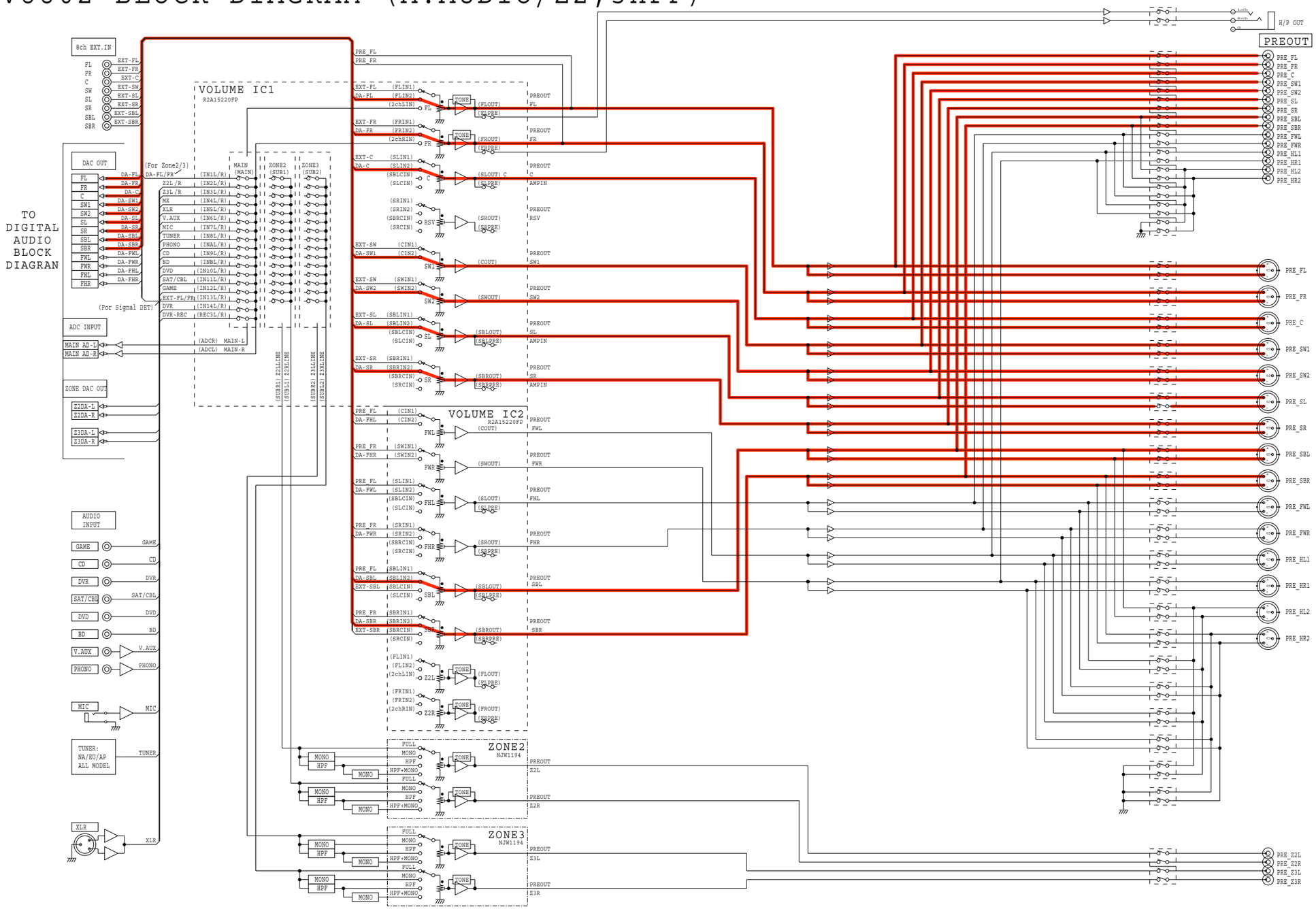


fig.03a

AV8802 BLOCK DIAGRAM (VIDEO)

DIGITAL PCB BLOCK

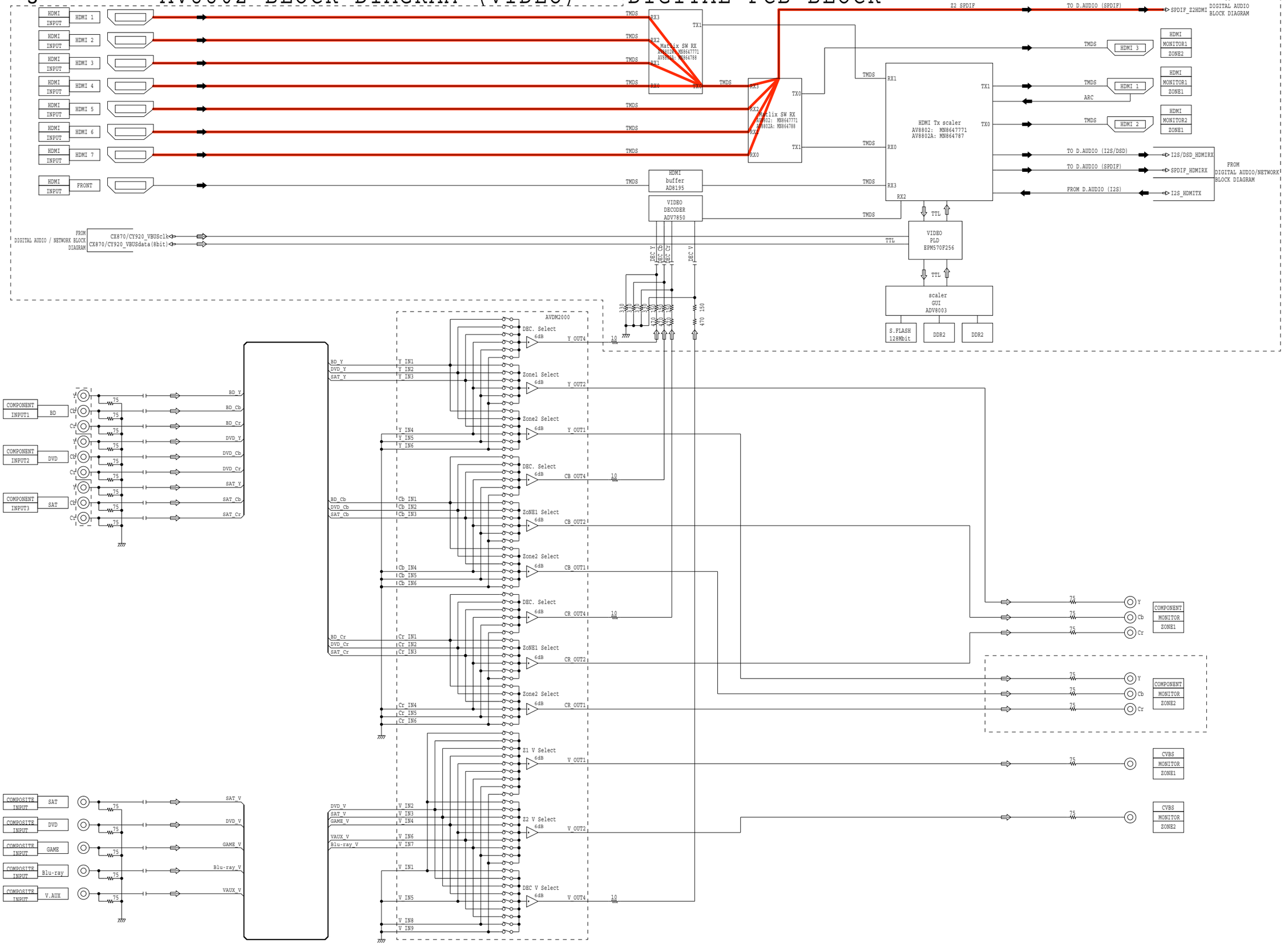


fig.03b

AV8802 DIGITAL AUDIO/NETWORK BLOCK DIRAGRAM

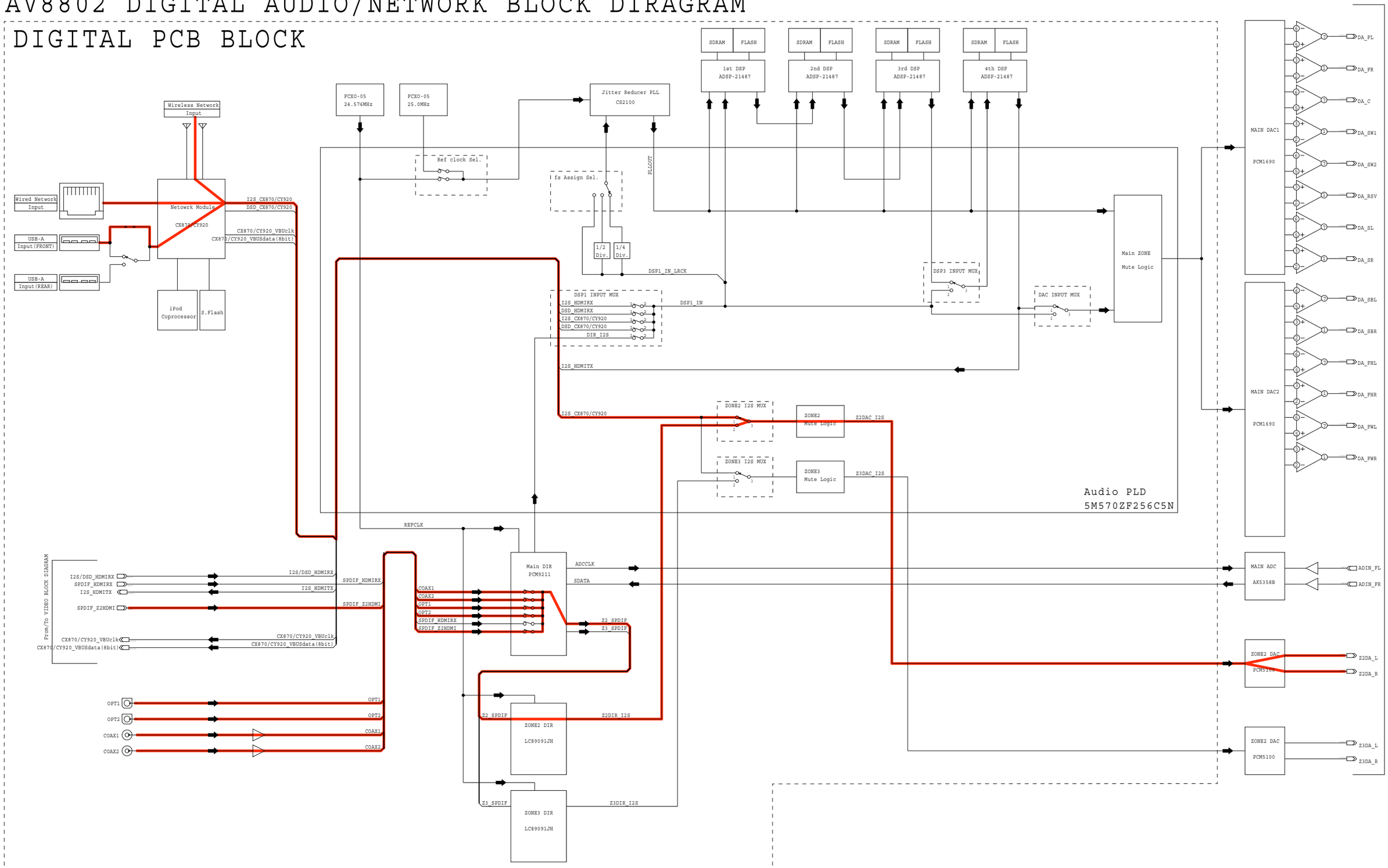


fig.03c

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

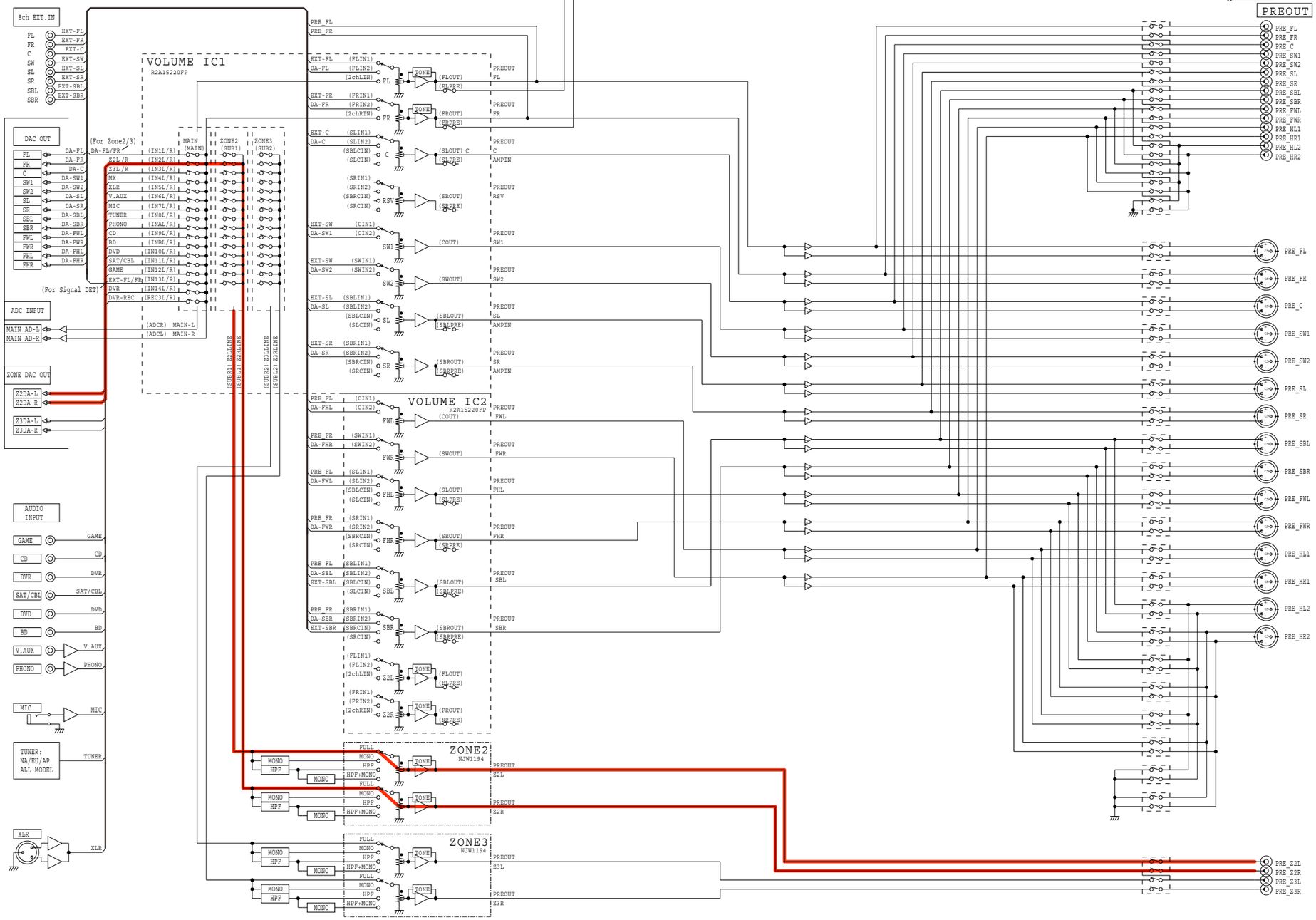


fig.04a

AV8802 DIGITAL AUDIO/NETWORK BLOCK DIRAGRAM

DIGITAL PCB BLOCK

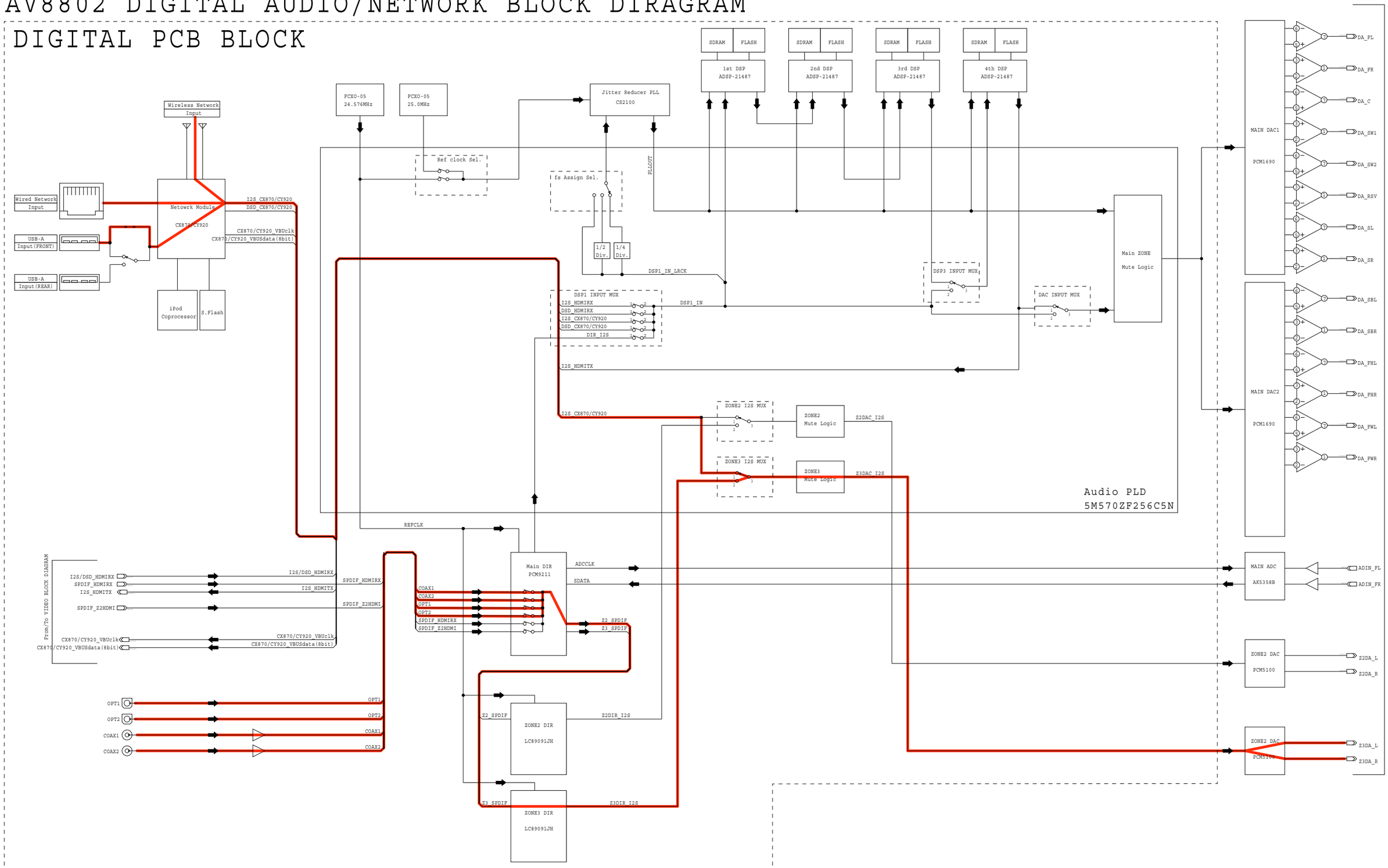


fig.04b

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

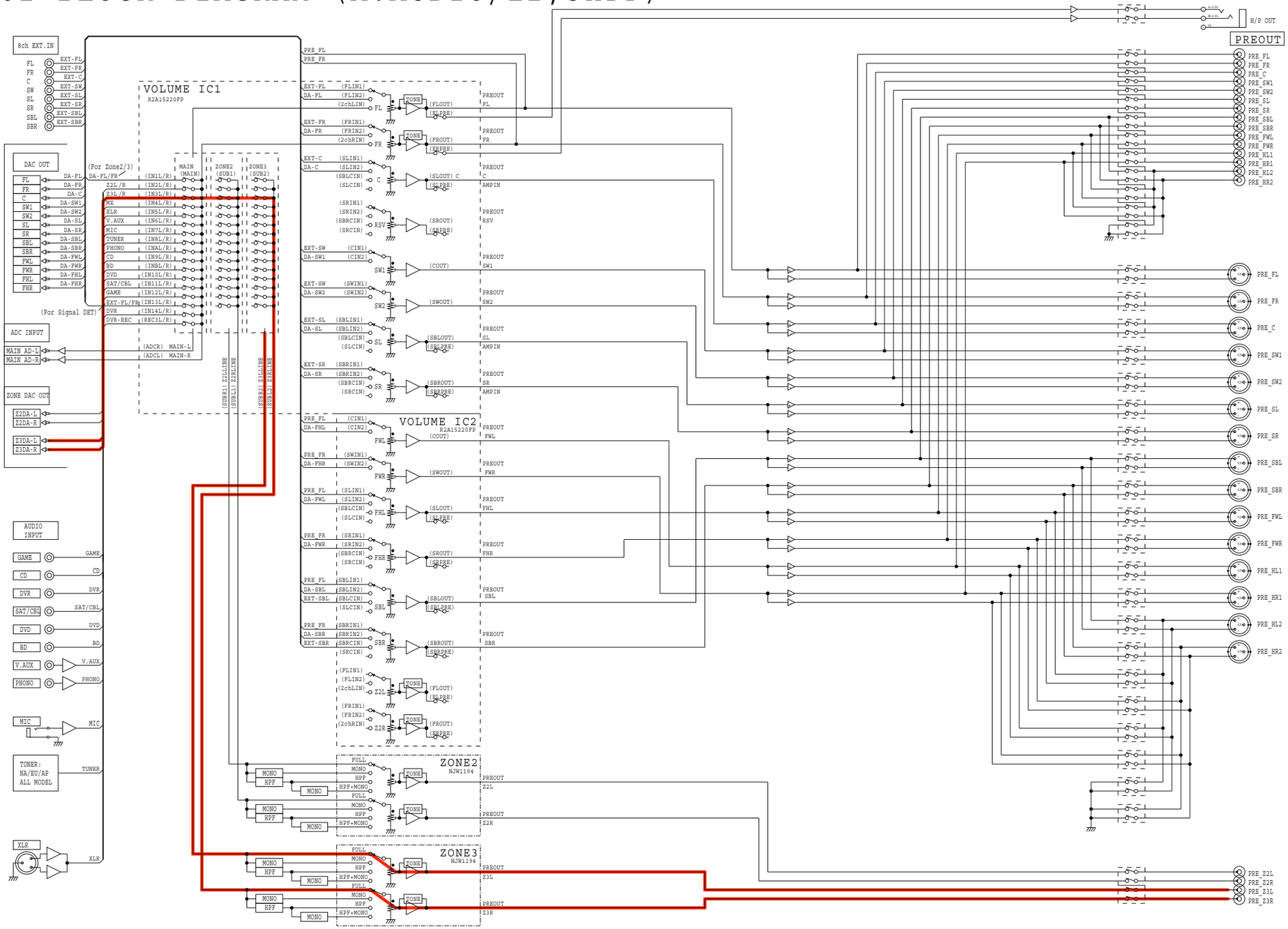


fig.05a

AV8802 BLOCK DIAGRAM (VIDEO)

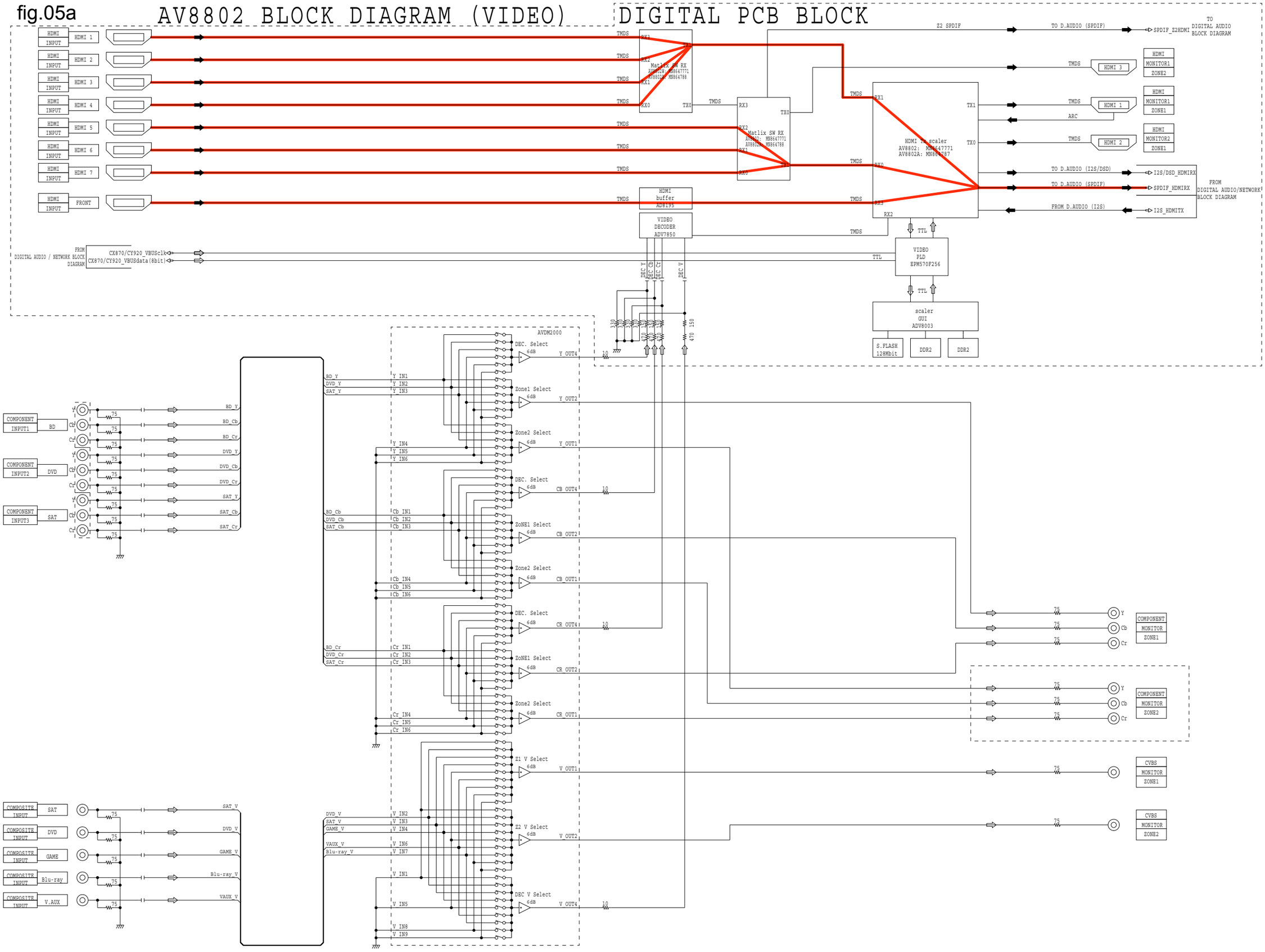


fig.05b

AV8802 DIGITAL AUDIO/NETWORK BLOCK DIRAGRAM

DIGITAL PCB BLOCK

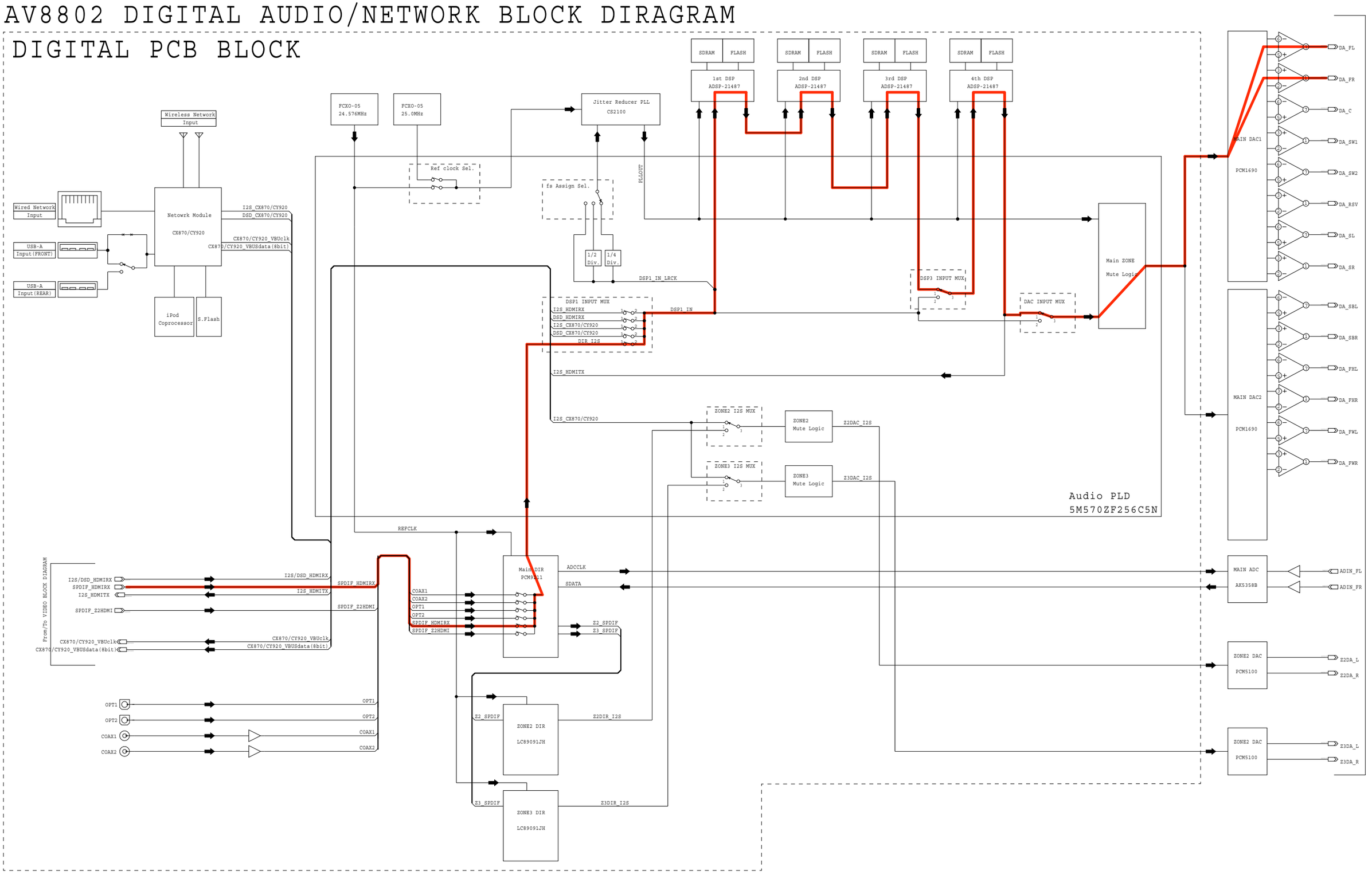


fig.05c

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

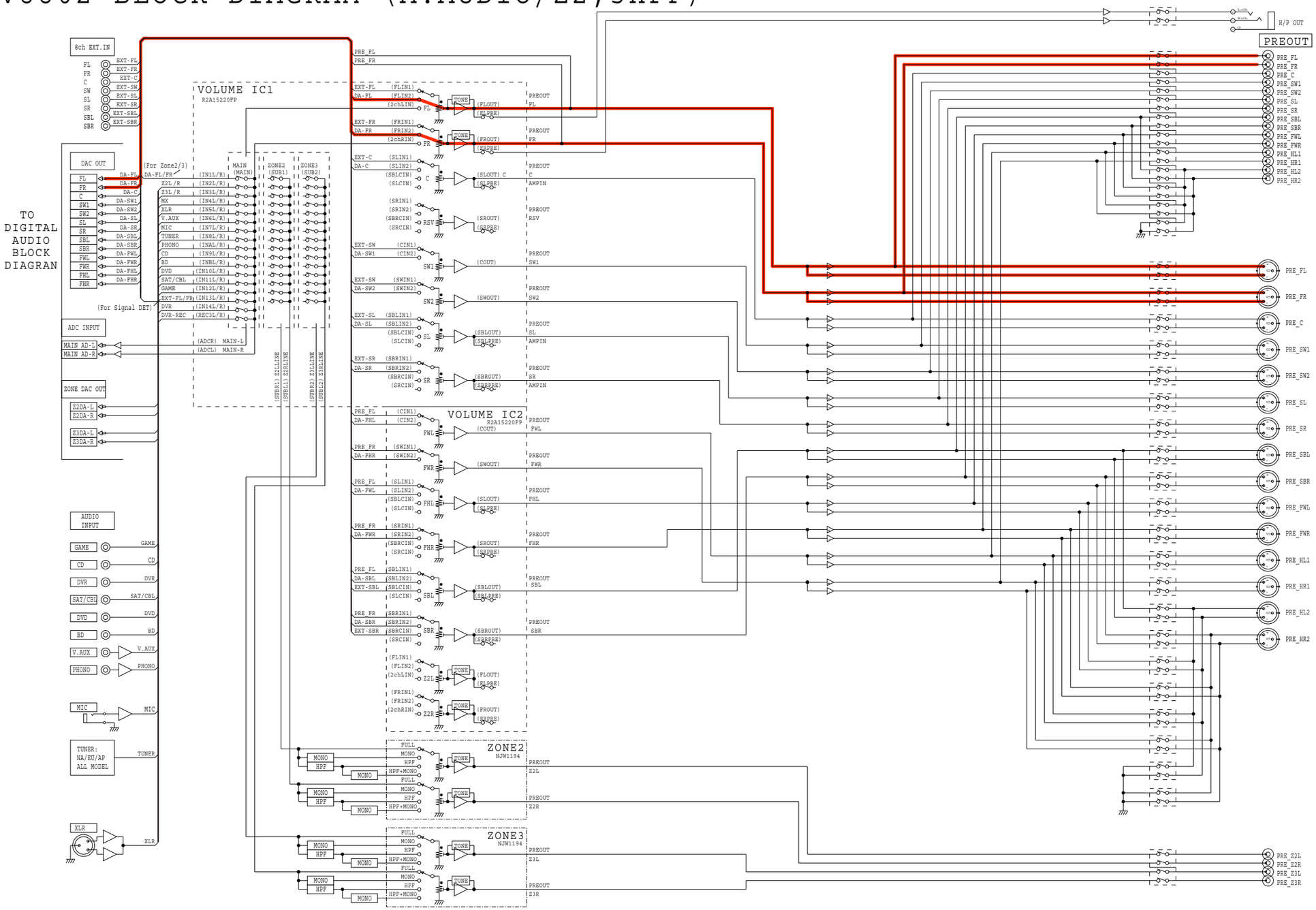


fig.06a

AV8802 DIGITAL AUDIO/NETWORK BLOCK DIRAGRAM

DIGITAL PCB BLOCK

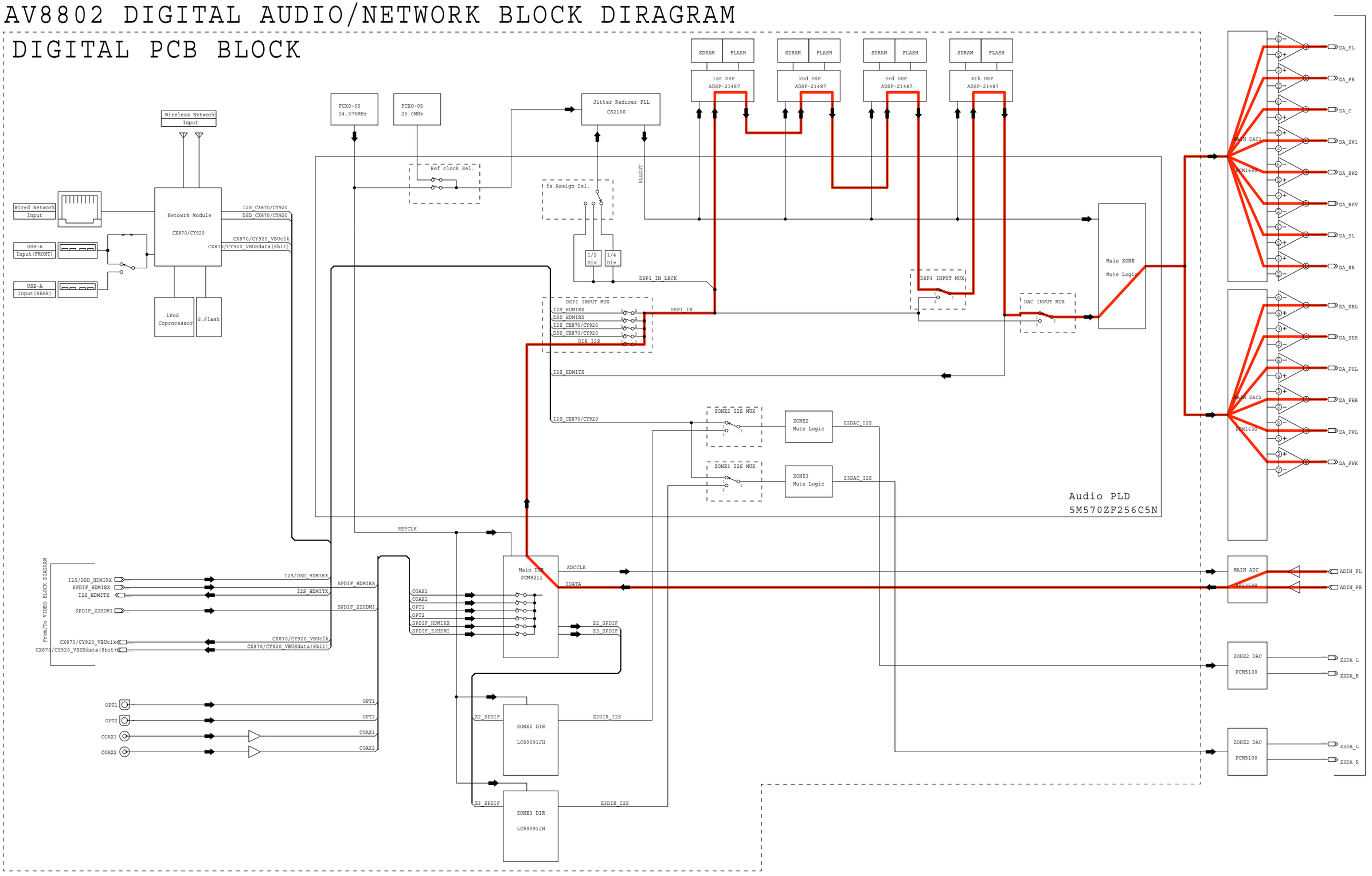


fig.06b

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

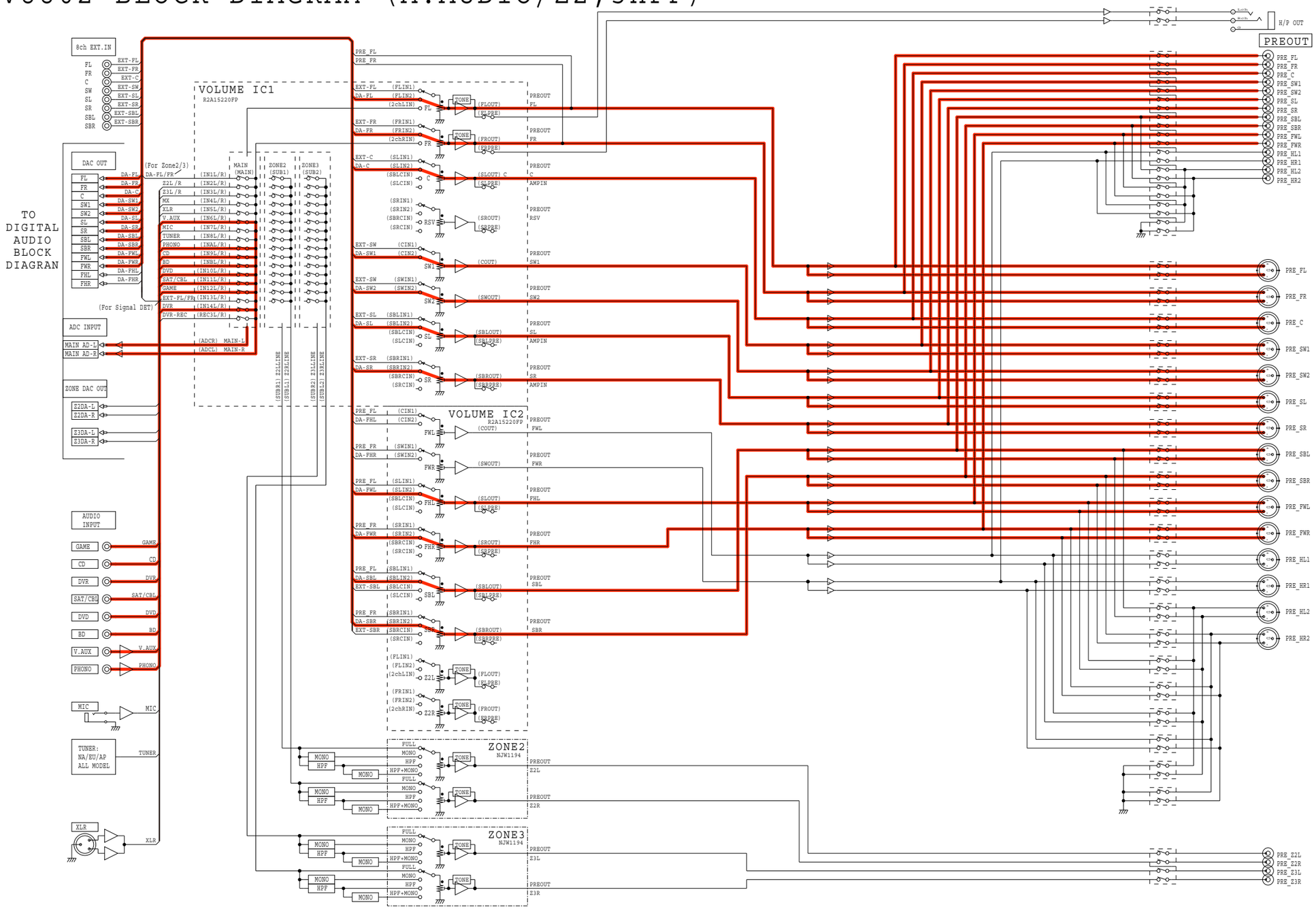


fig.07

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

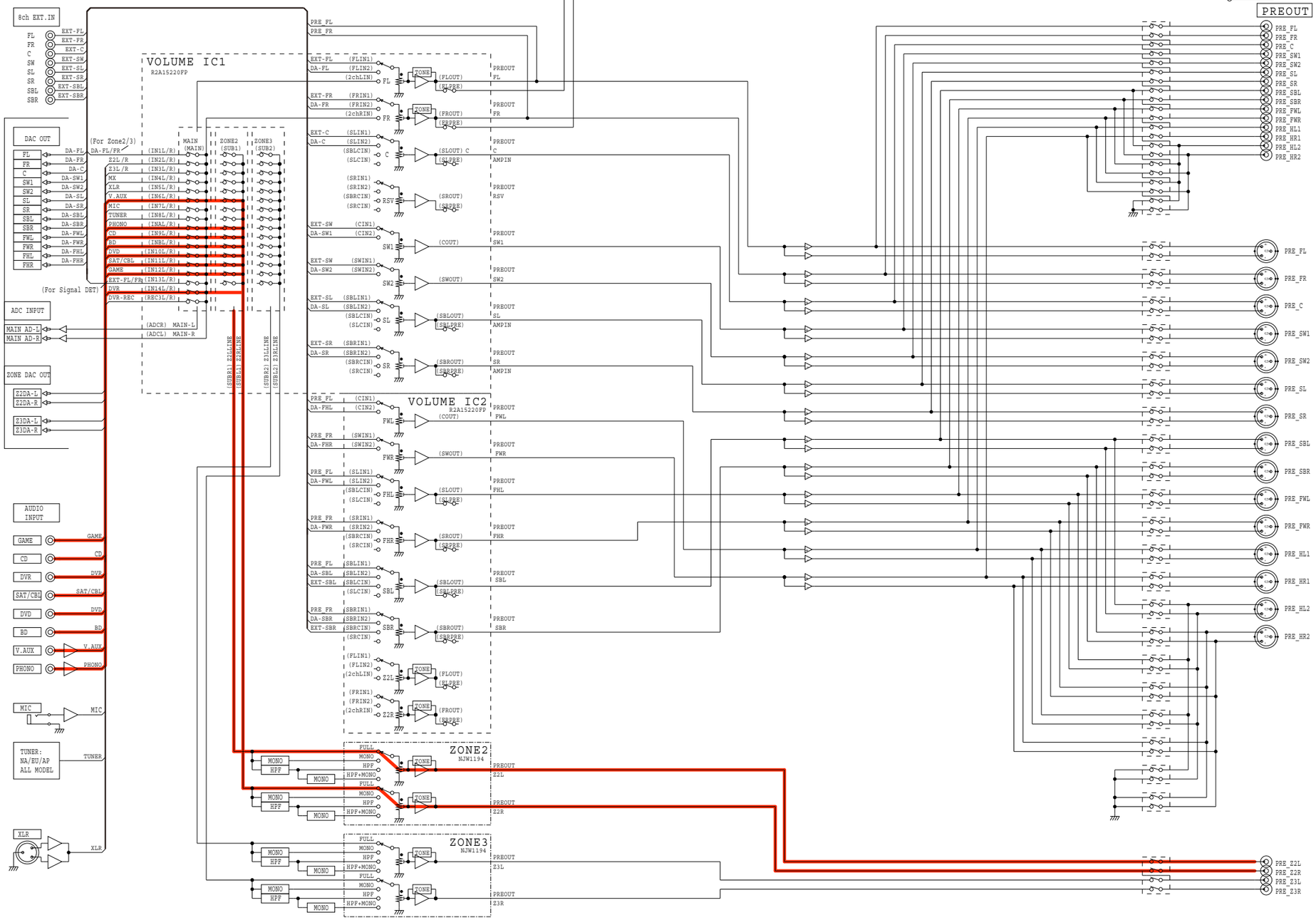


fig.08

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

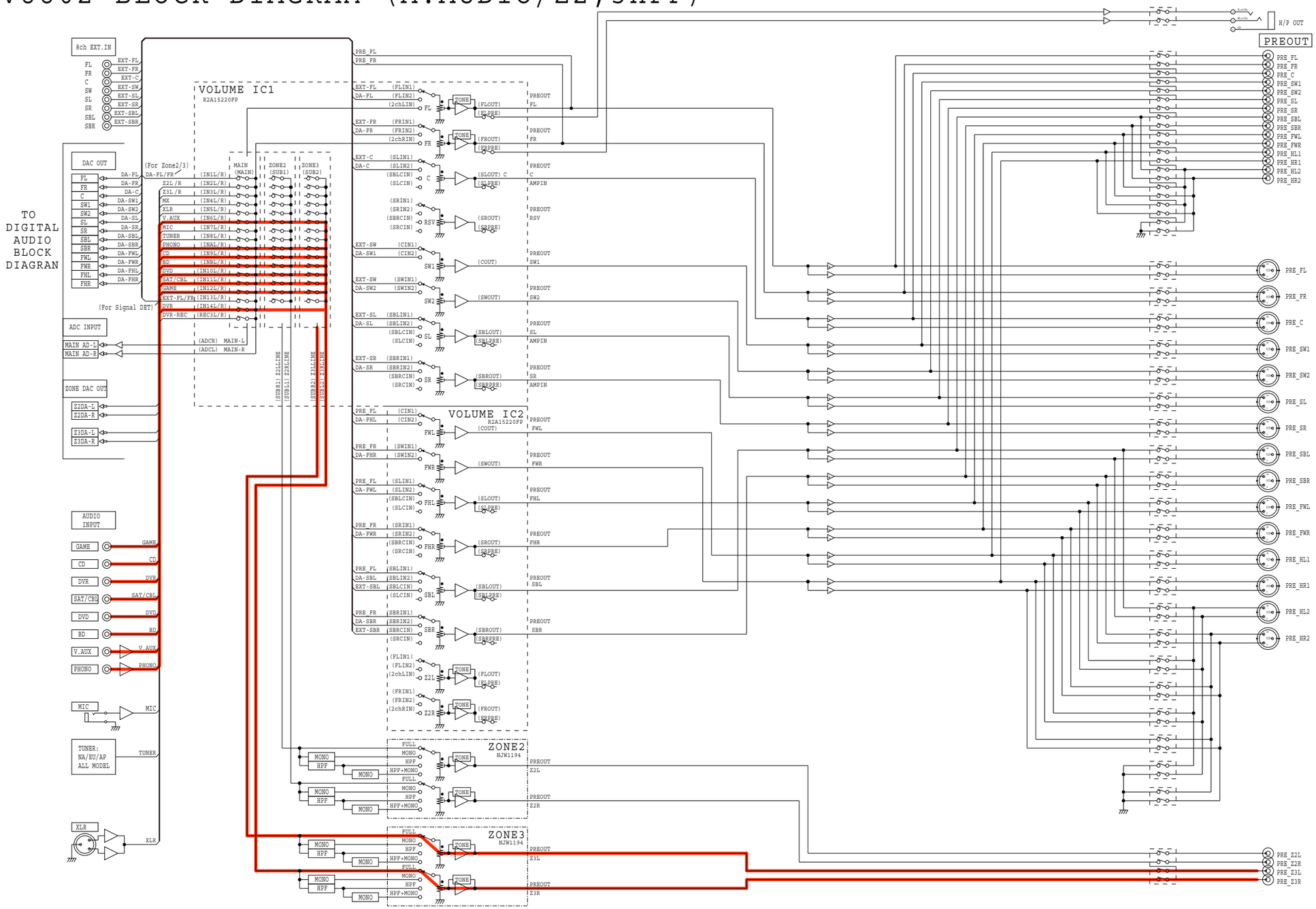


fig.09

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

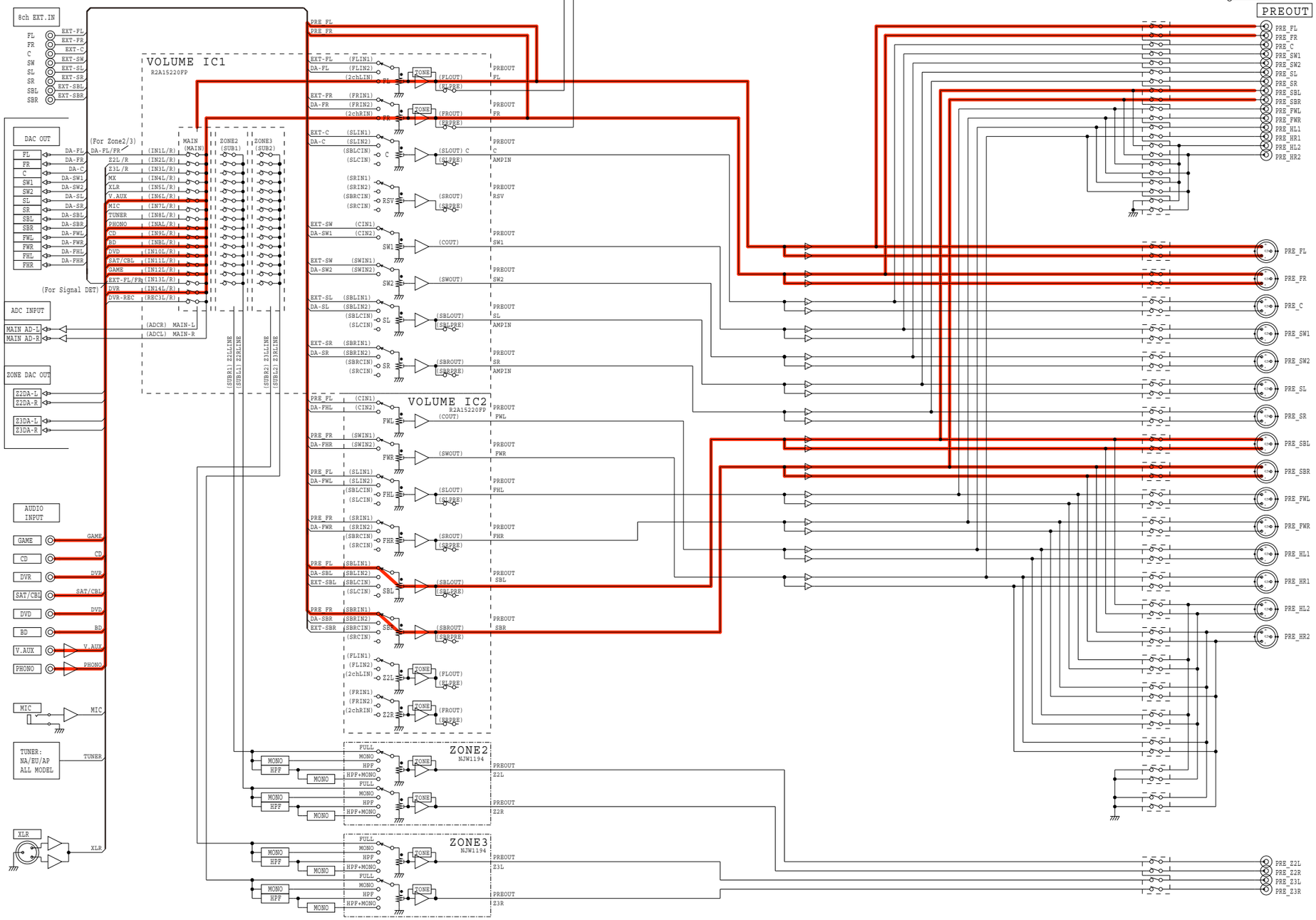


fig.10a

AV8802 DIGITAL AUDIO/NETWORK BLOCK DIRAGRAM

DIGITAL PCB BLOCK

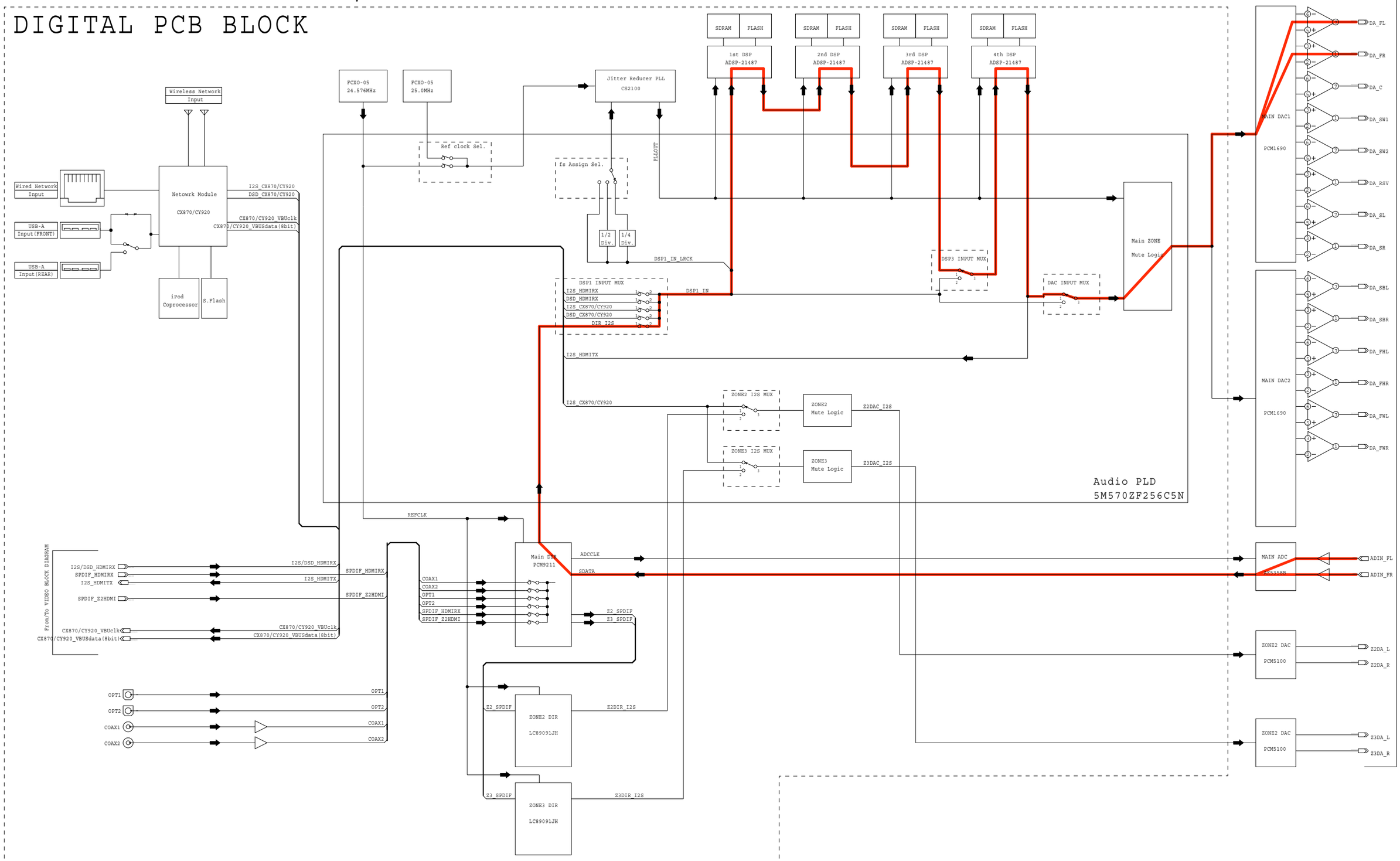


fig.10b

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

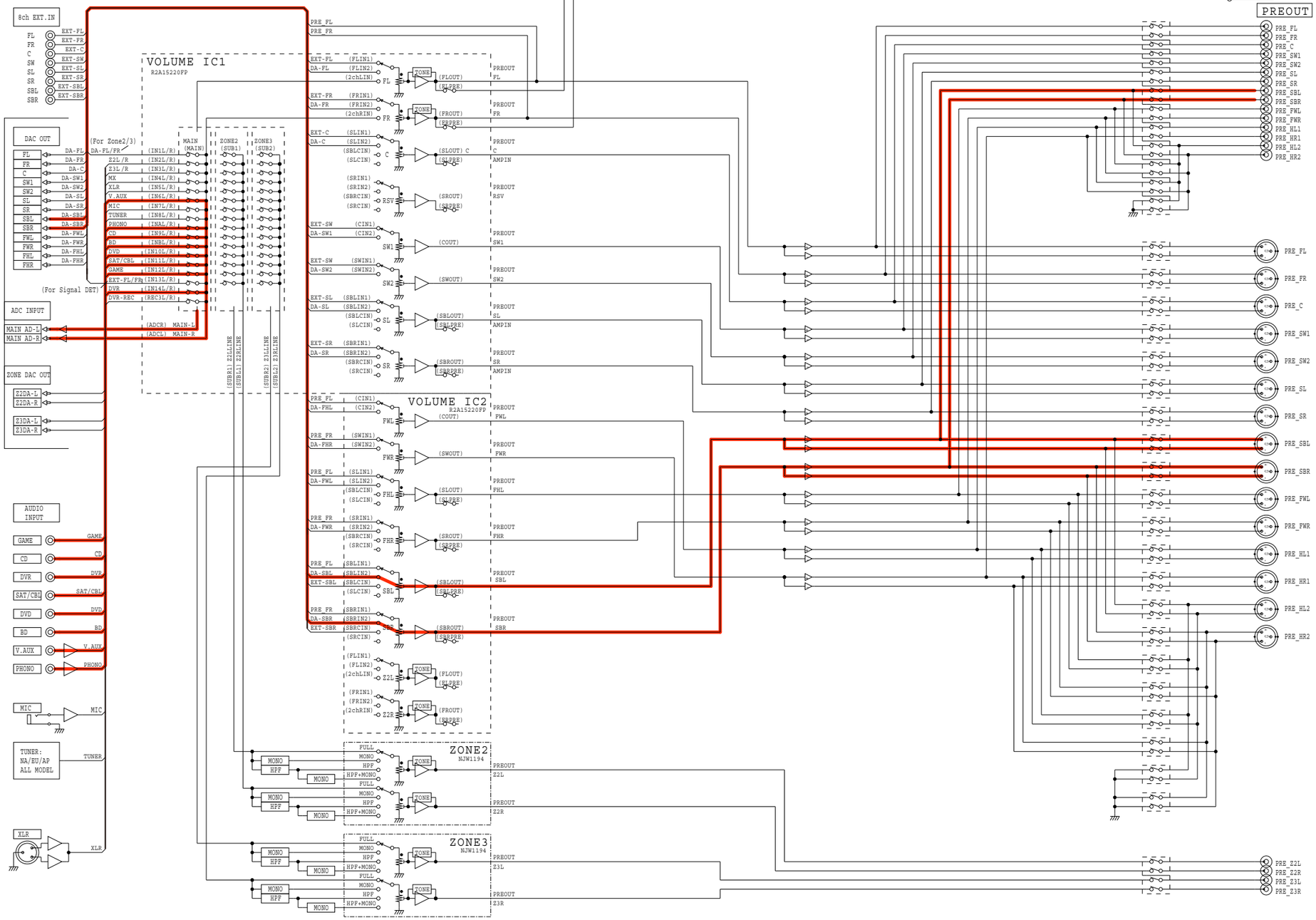


fig.11a

AV8802 DIGITAL AUDIO/NETWORK BLOCK DIRAGRAM

DIGITAL PCB BLOCK

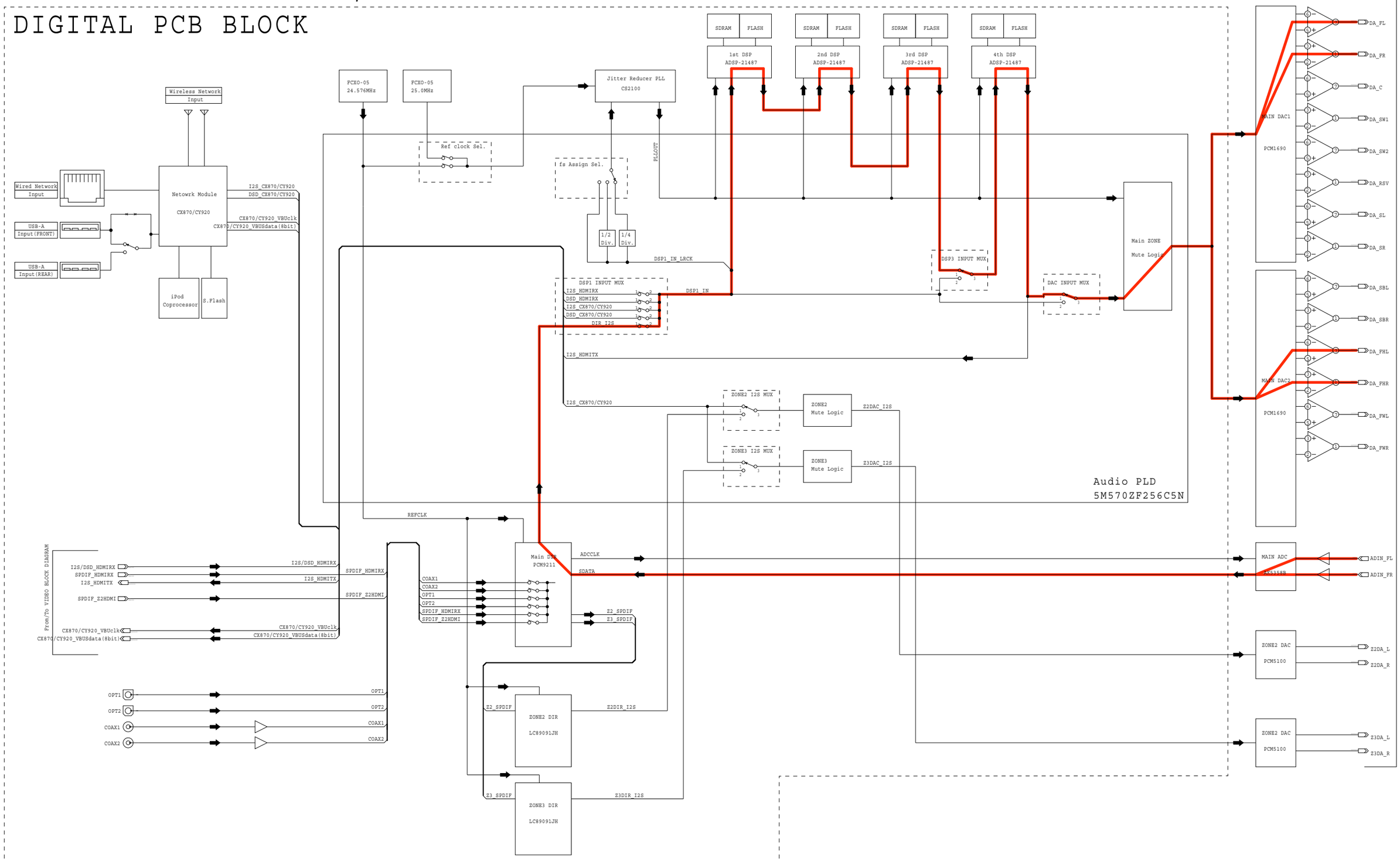


fig.11b

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

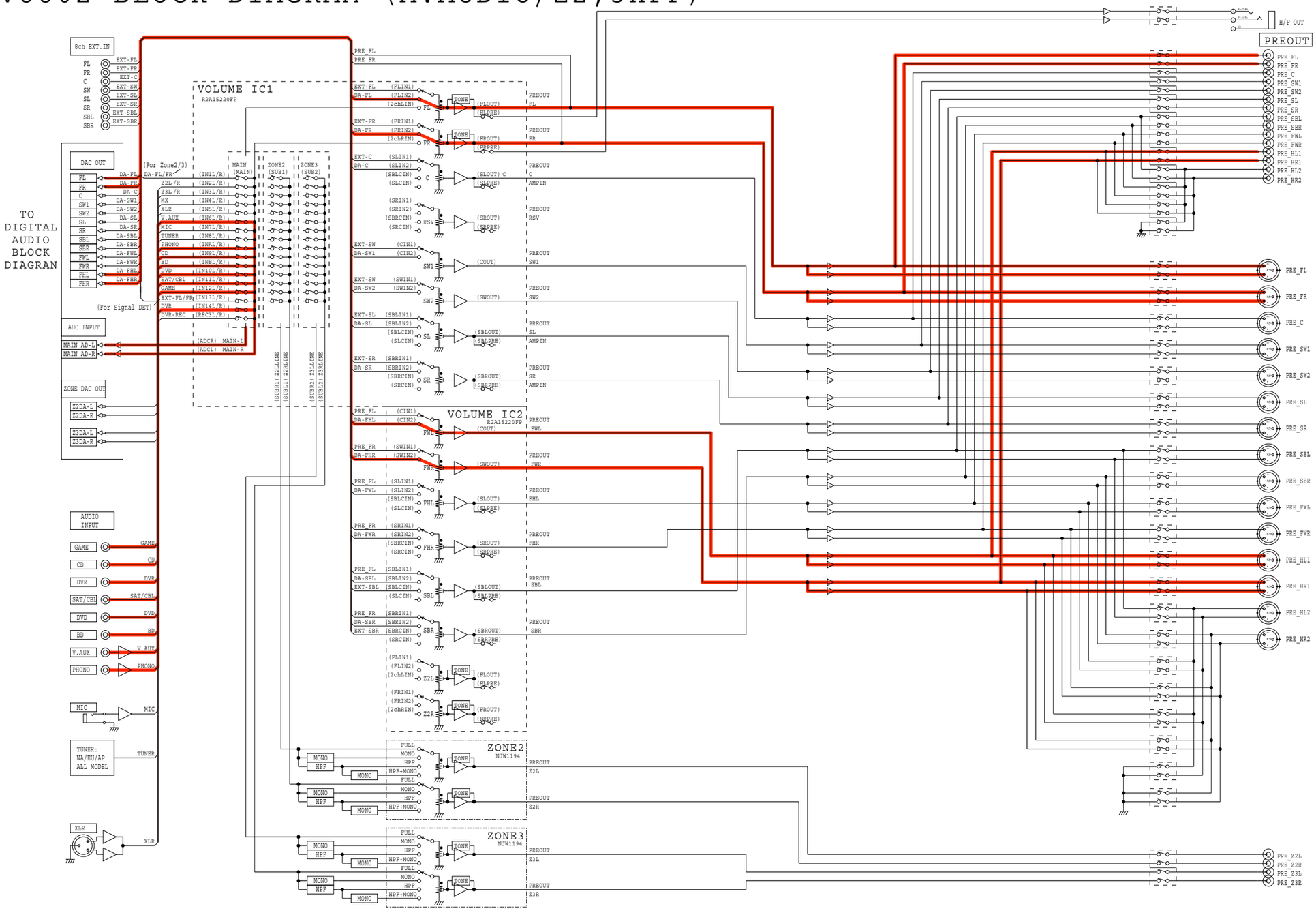


fig.12a

AV8802 DIGITAL AUDIO/NETWORK BLOCK DIRAGRAM

DIGITAL PCB BLOCK

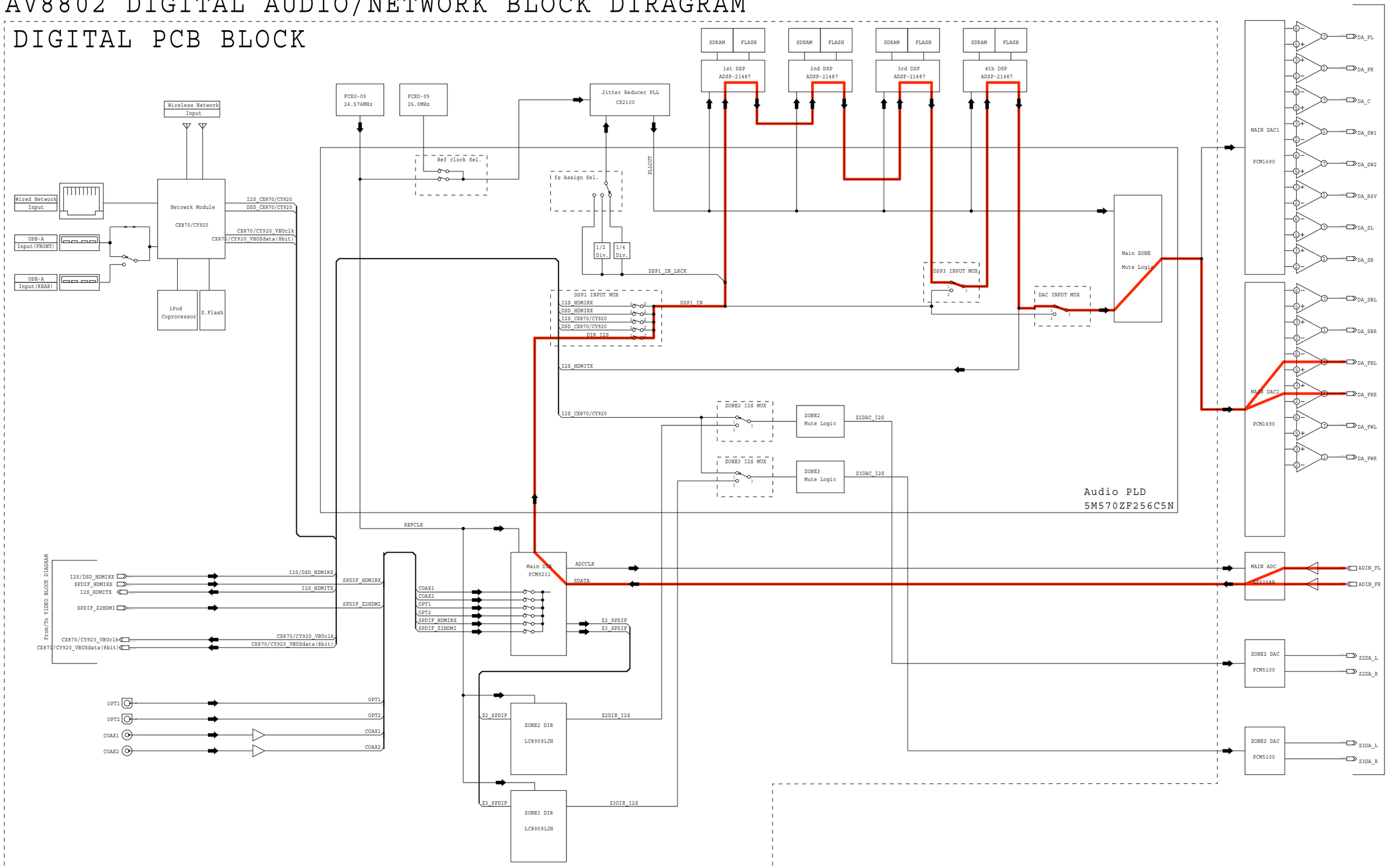


fig.12b

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

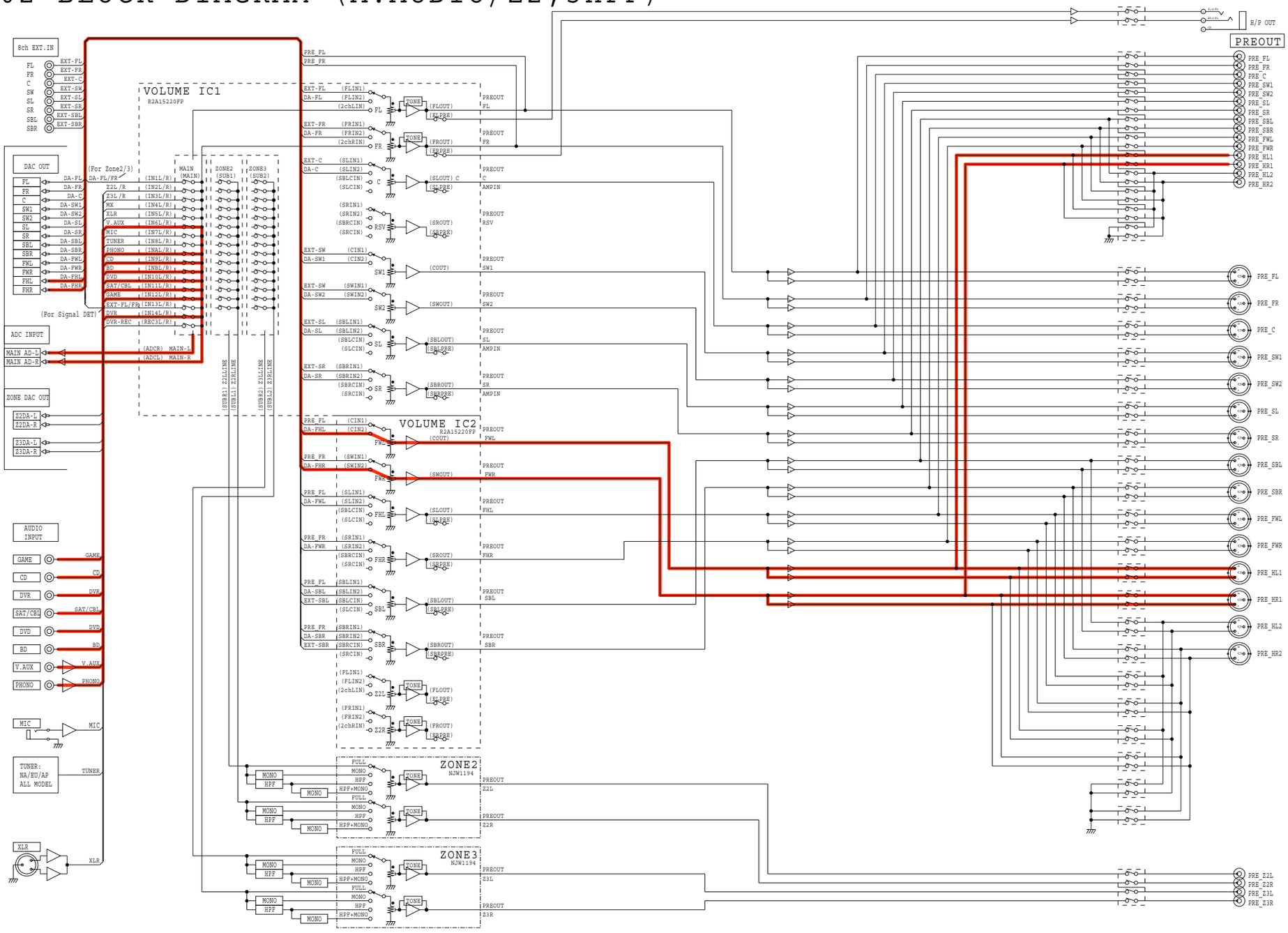


fig.13a

AV8802 DIGITAL AUDIO/NETWORK BLOCK DIRAGRAM

DIGITAL PCB BLOCK

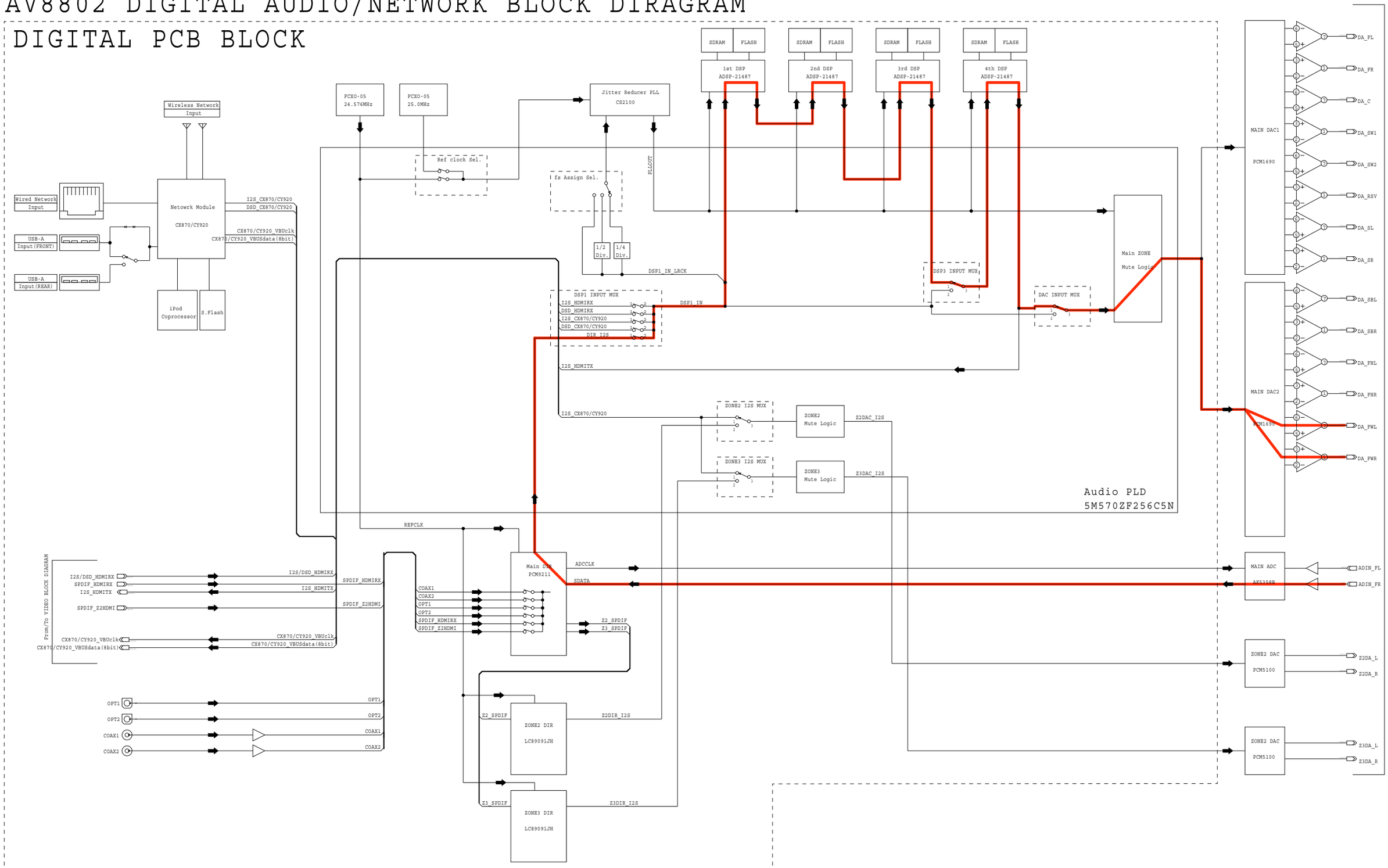


fig.13b

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

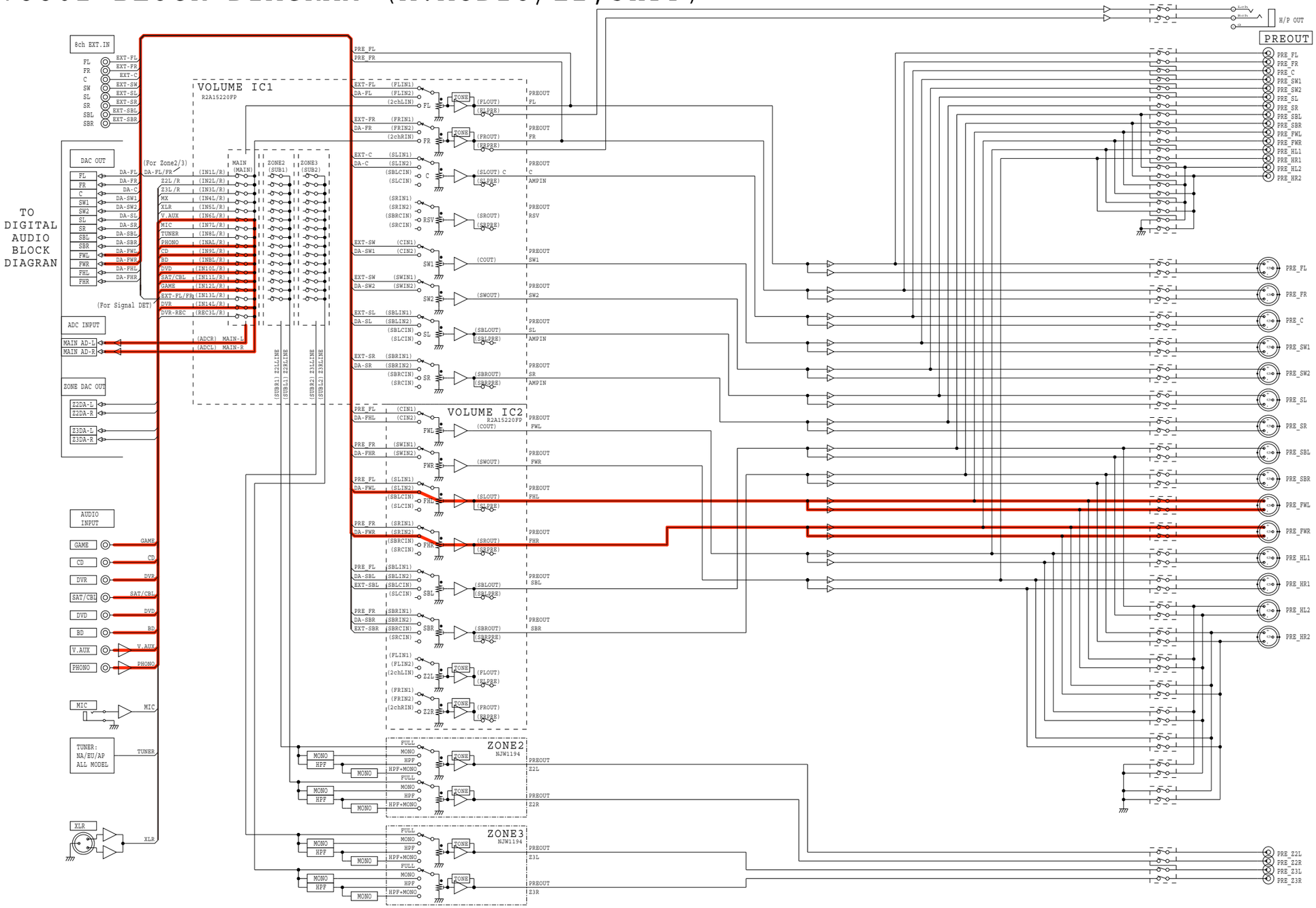


fig.14

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

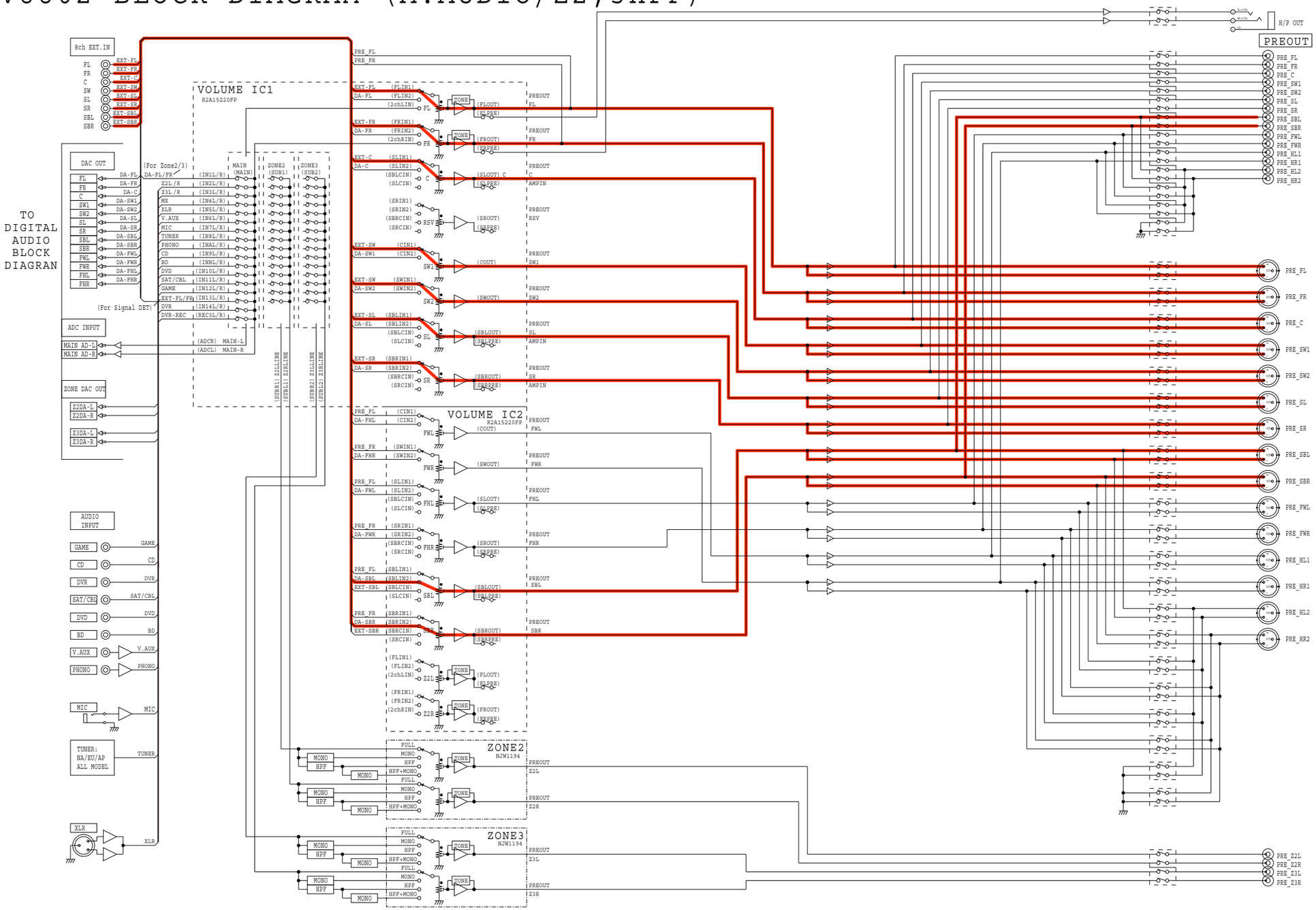


fig.15a

AV8802 DIGITAL AUDIO/NETWORK BLOCK DIRAGRAM

DIGITAL PCB BLOCK

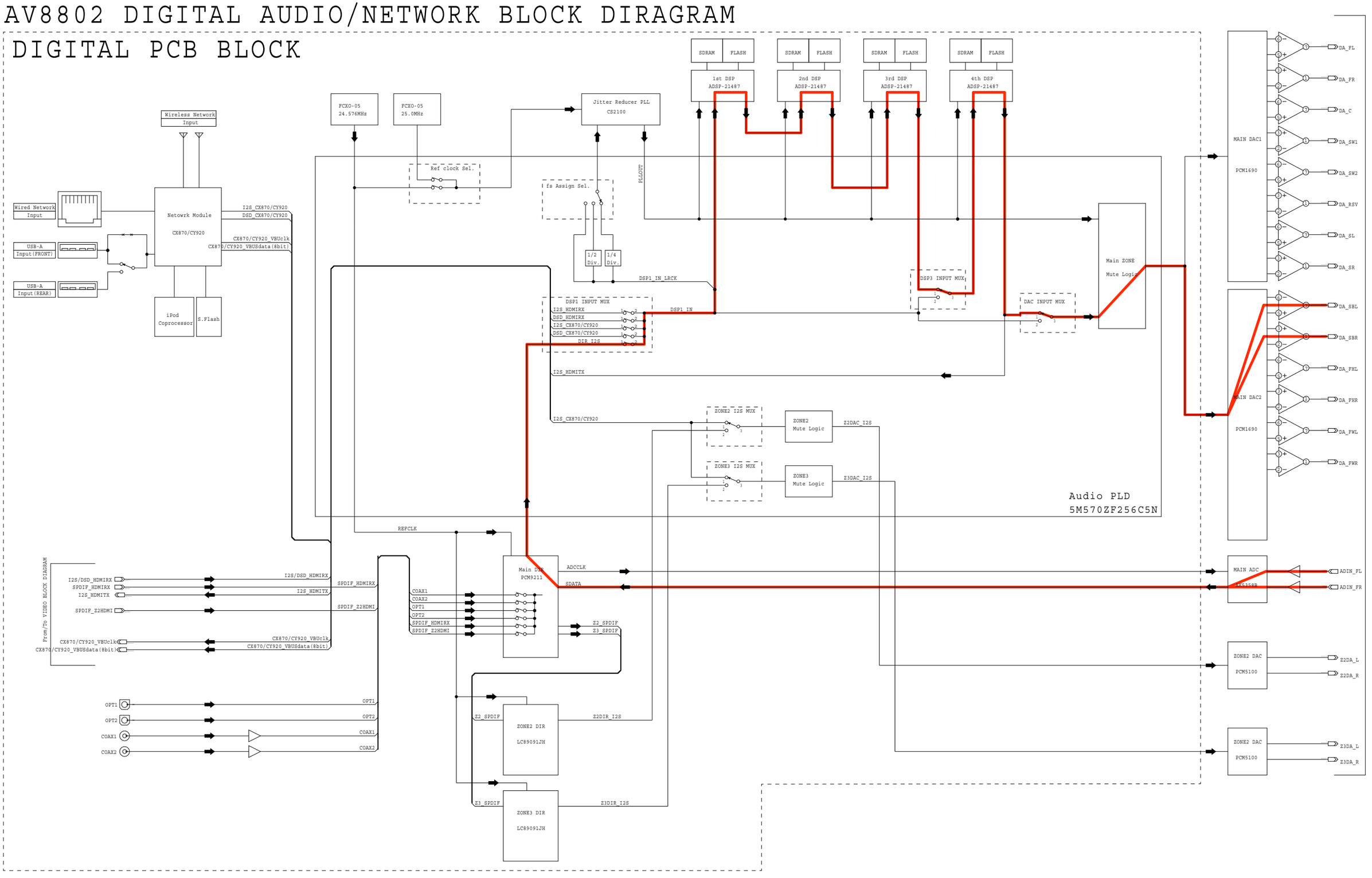


fig.15b

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

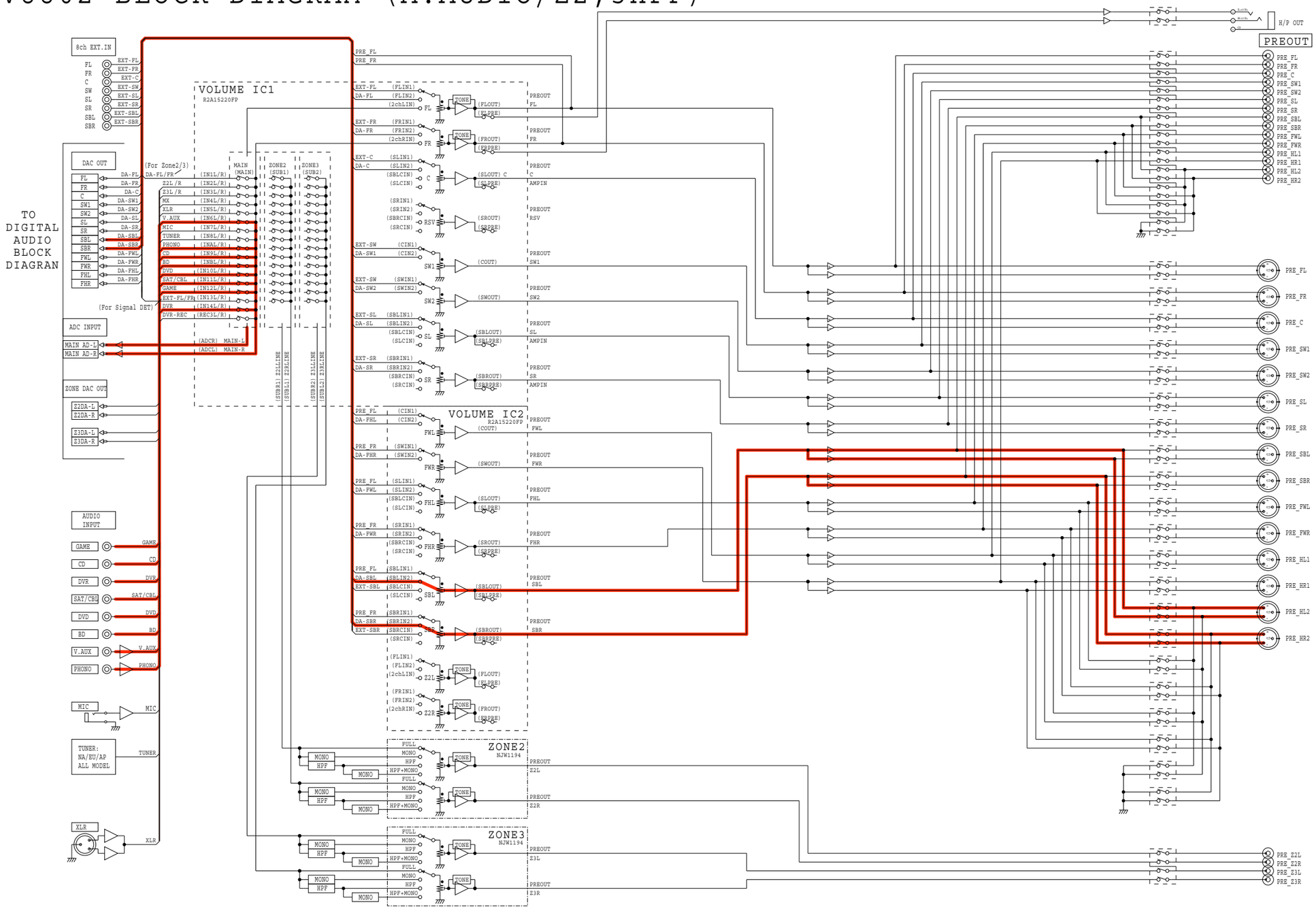


fig.16a

AV8802 DIGITAL AUDIO/NETWORK BLOCK DIRAGRAM

DIGITAL PCB BLOCK

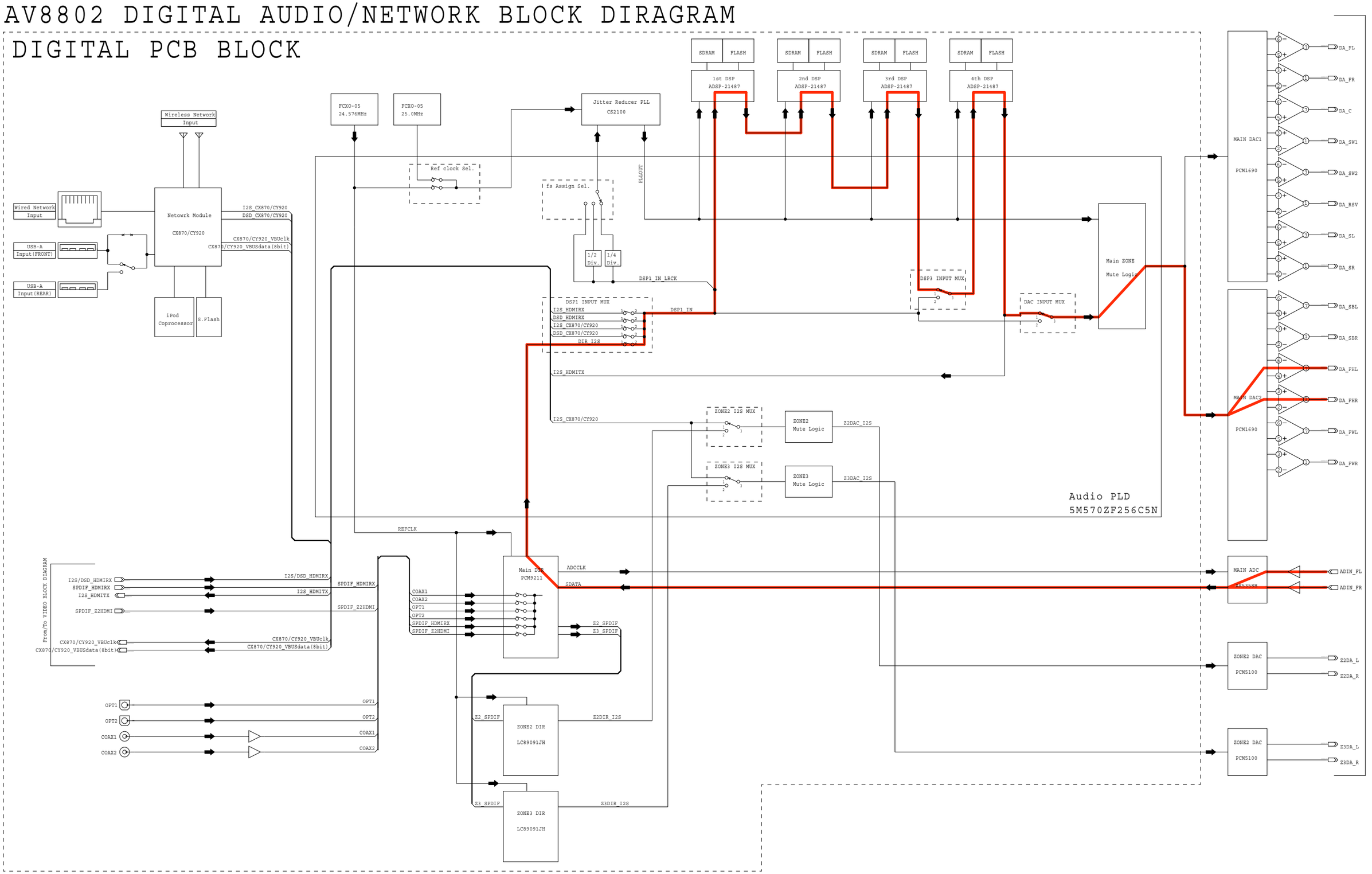


fig.16b

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

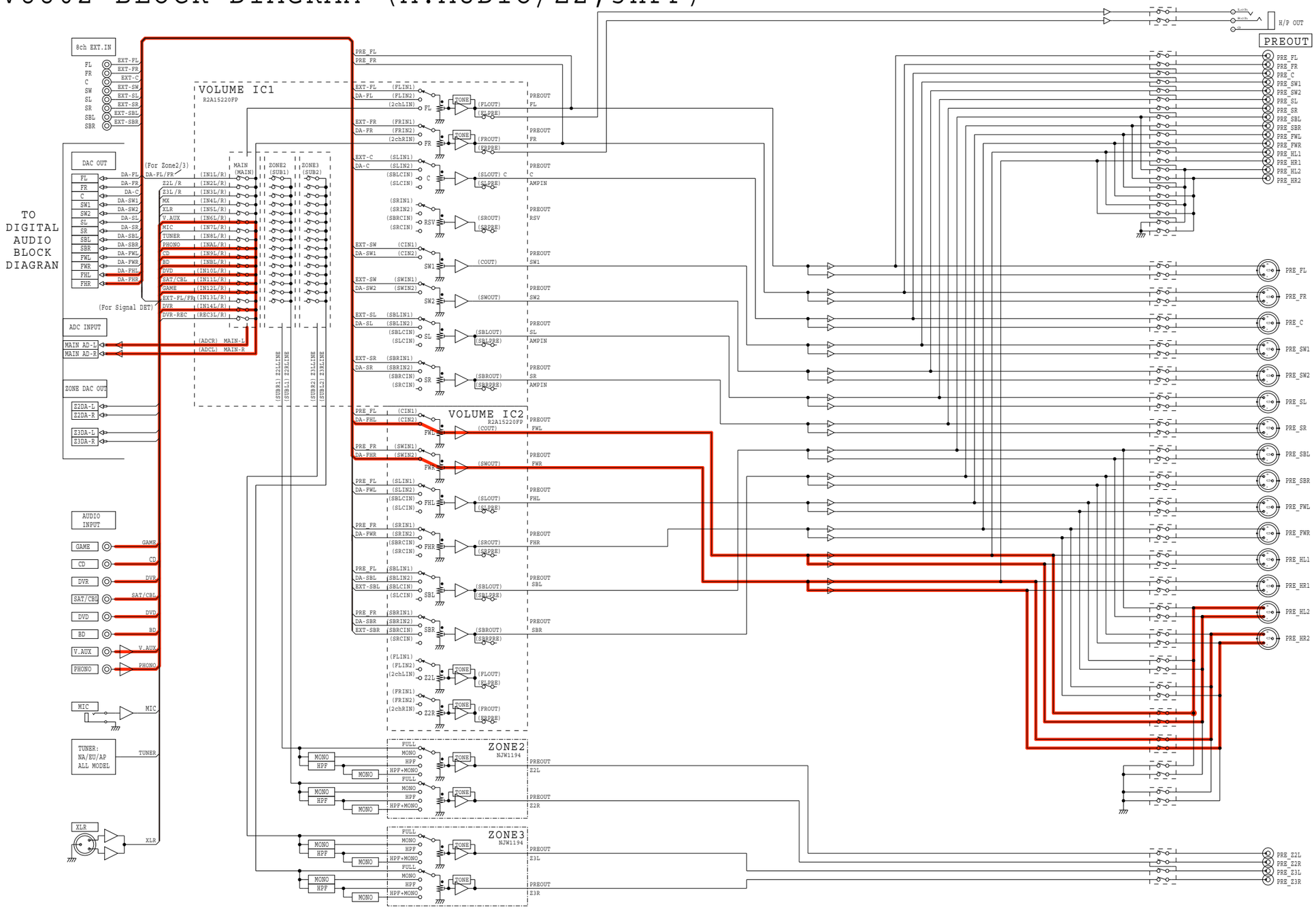


fig.17

AV8802 BLOCK DIAGRAM (VIDEO)

DIGITAL PCB BLOCK

HDMI INPUT HDMI 1
HDMI INPUT HDMI 2
HDMI INPUT HDMI 3
HDMI INPUT HDMI 4
HDMI INPUT HDMI 5
HDMI INPUT HDMI 6
HDMI INPUT HDMI 7
HDMI INPUT FRONT

TMDS

Matlix SW RX
AV8802N: MN8647771
AV8802A: MN864788
RX3 RX2 RX1 RX0 TX1 TX0

Matlix SW RX
AV8802: MN8647771
AV8802A: MN864788
RX3 RX2 RX1 RX0 TX0 TX1

HDMI buffer AD8195

VIDEO DECODER ADV7850

FROM DIGITAL AUDIO / NETWORK BLOCK DIAGRAM
CX870/CY920_VBUSclk
CX870/CY920_VBUSdata(8bit)

HDMI Tx scaler
AV8802: MN8647771
AV8802A: MN864787
RX1 RX0 RX3 RX2 TX1 TX0

Z2 SPDIF → TO D.AUDIO (SPDIF) → SPDIF_Z2HDMI → TO DIGITAL AUDIO BLOCK DIAGRAM

TMDS HDMI 3 → HDMI MONITOR1 ZONE2

TMDS HDMI 1 → HDMI MONITOR1 ZONE1
ARC

TMDS HDMI 2 → HDMI MONITOR2 ZONE1

TO D.AUDIO (I2S/DSD) → I2S/DSD_HDMIRX
TO D.AUDIO (SPDIF) → SPDIF_HDMIRX
FROM D.AUDIO (I2S) → I2S_HDMITX
FROM DIGITAL AUDIO/NETWORK BLOCK DIAGRAM

TTL

VIDEO PLD
EPM570F256

TTL

scaler GUI
ADV8003

S.PLASH 128Mbit
DDR2
DDR2

DEC.Y DEC.Cb DEC.Cr DEC.V

330 470 470 150

AVDM2000

DEC. Select 6dB → Y OUT4 → 1.0
Zone1 Select 6dB → Y OUT2
Zone2 Select 6dB → Y OUT1

BD_Y DVD_Y SAT_Y → Y IN1 Y IN2 Y IN3
Y IN4 Y IN5 Y IN6

DEC. Select 6dB → CB OUT4 → 1.0
ZoNE1 Select 6dB → CB OUT2
Zone2 Select 6dB → CB OUT1

BD_Cb DVD_Cb SAT_Cb → Cb IN1 Cb IN2 Cb IN3
Cb IN4 Cb IN5 Cb IN6

DEC. Select 6dB → CR OUT4 → 1.0
ZoNE1 Select 6dB → CR OUT2
Zone2 Select 6dB → CR OUT1

BD_Cr DVD_Cr SAT_Cr → Cr IN1 Cr IN2 Cr IN3
Cr IN4 Cr IN5 Cr IN6

Z1 V Select 6dB → V OUT1
Z2 V Select 6dB → V OUT2
DEC V Select 6dB → V OUT4 → 1.0

DVD_V SAT_V GAME_V → V IN2 V IN3 V IN4
VAUX_V Blu-ray_V → V IN6 V IN7
V IN1
V IN5
V IN8 V IN9

COMPONENT INPUT1 BD: Y Cb Cr → 75 → BD_Y BD_Cb BD_Cr
COMPONENT INPUT2 DVD: Y Cb Cr → 75 → DVD_Y DVD_Cb DVD_Cr
COMPONENT INPUT3 SAT: Y Cb Cr → 75 → SAT_Y SAT_Cb SAT_Cr

COMPOSITE INPUT SAT → 75 → SAT_V
COMPOSITE INPUT DVD → 75 → DVD_V
COMPOSITE INPUT GAME → 75 → GAME_V
COMPOSITE INPUT Blu-ray → 75 → Blu-ray_V
COMPOSITE INPUT V.AUX → 75 → VAUX_V

Z1 Y Cb Cr → 75 → COMPONENT MONITOR ZONE1
Z2 Y Cb Cr → 75 → COMPONENT MONITOR ZONE2
Z1 V → 75 → CVBS MONITOR ZONE1
Z2 V → 75 → CVBS MONITOR ZONE2

fig.18

AV8802 BLOCK DIAGRAM (VIDEO)

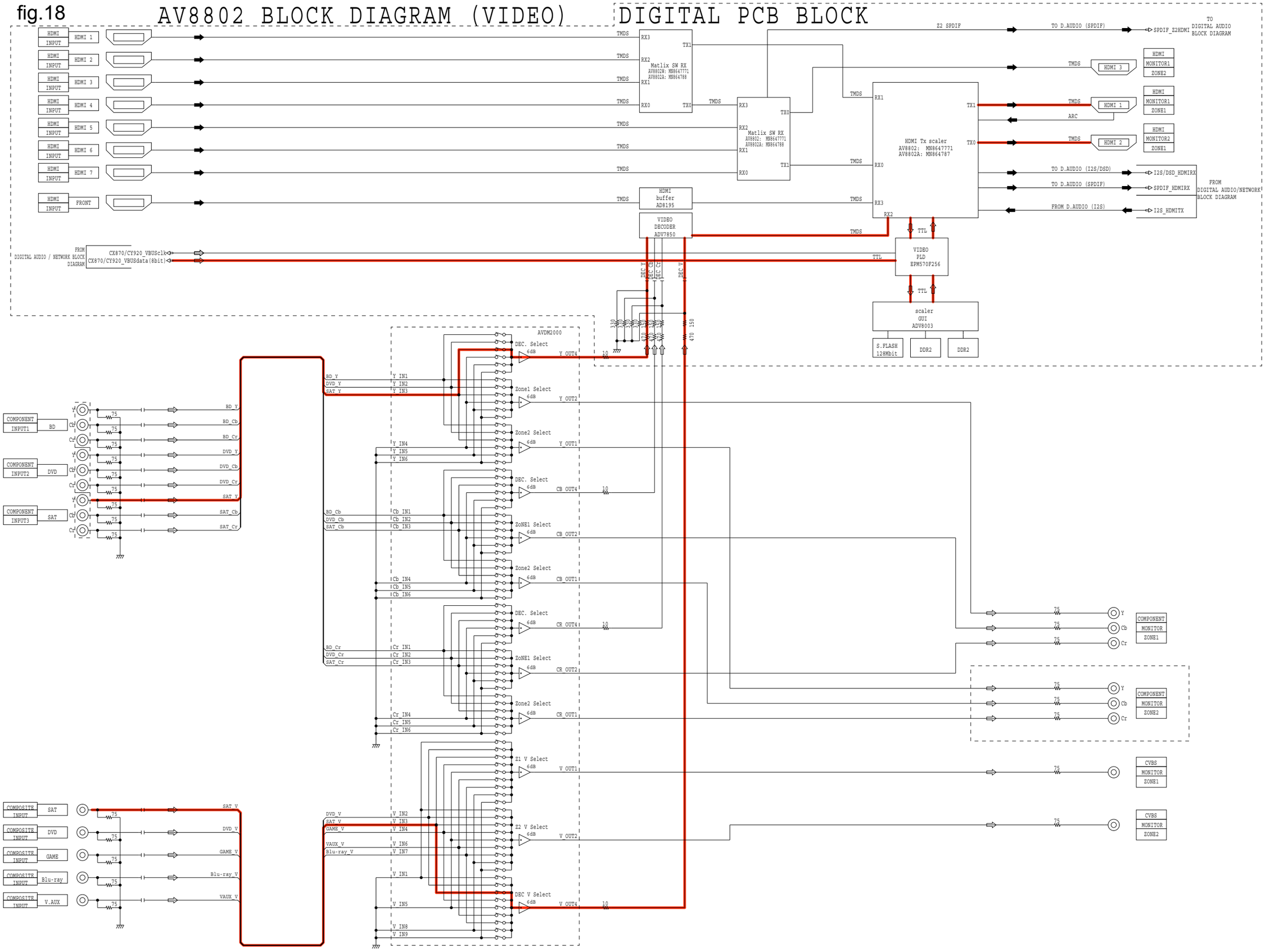


fig.19

AV8802 BLOCK DIAGRAM (VIDEO)

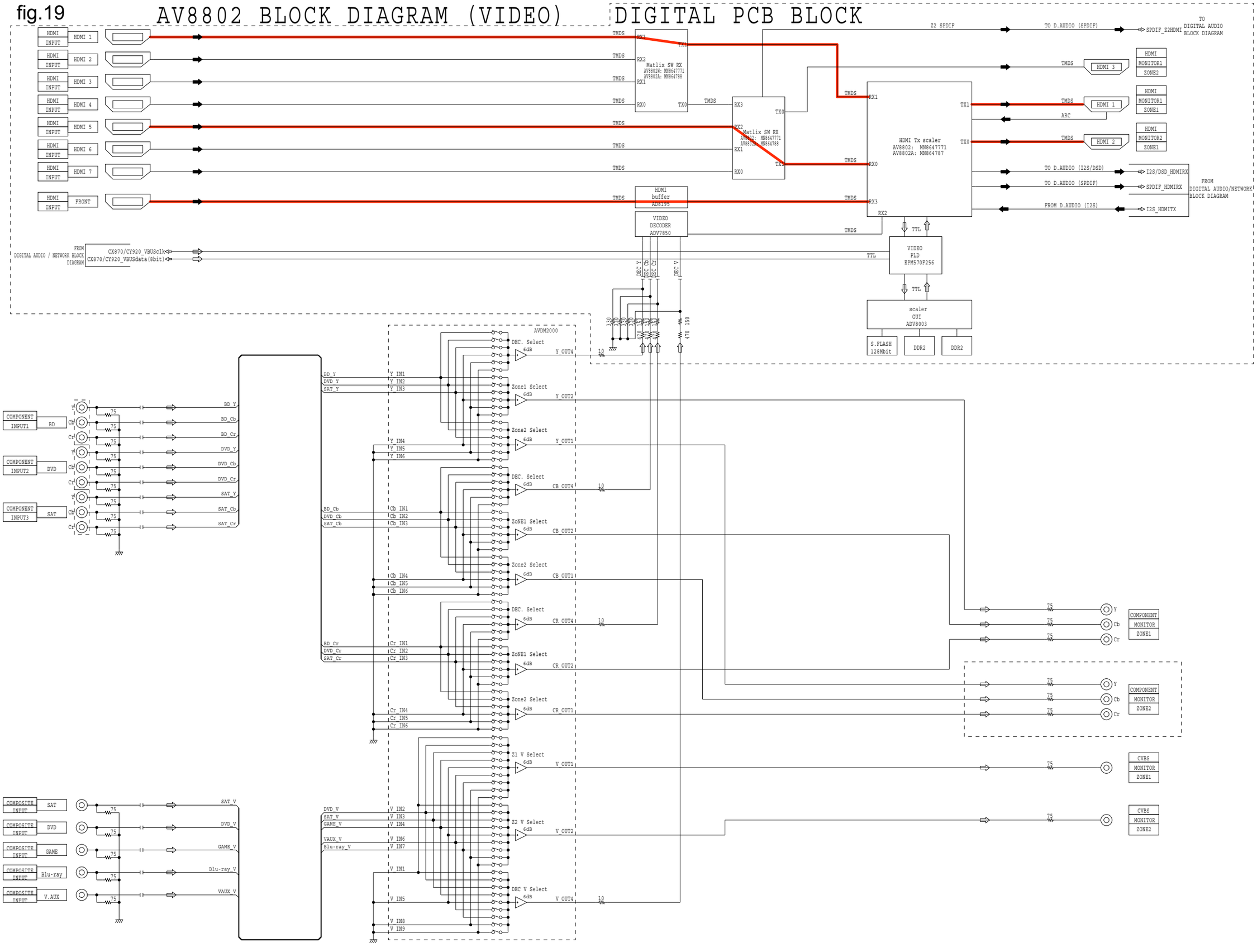


fig.20

AV8802 BLOCK DIAGRAM (VIDEO)

DIGITAL PCB BLOCK

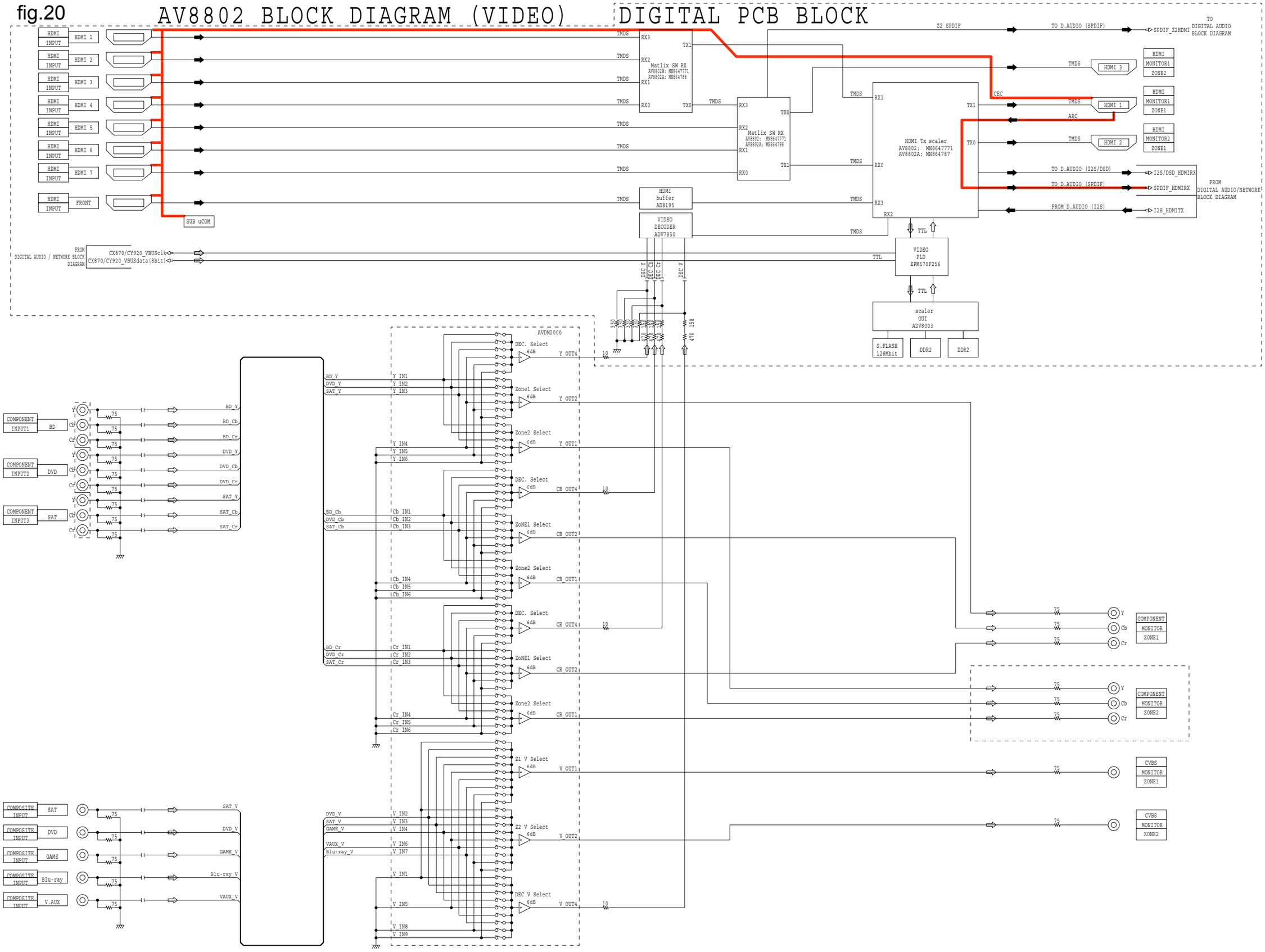


fig.21a

AV8802 BLOCK DIAGRAM (VIDEO)

DIGITAL PCB BLOCK

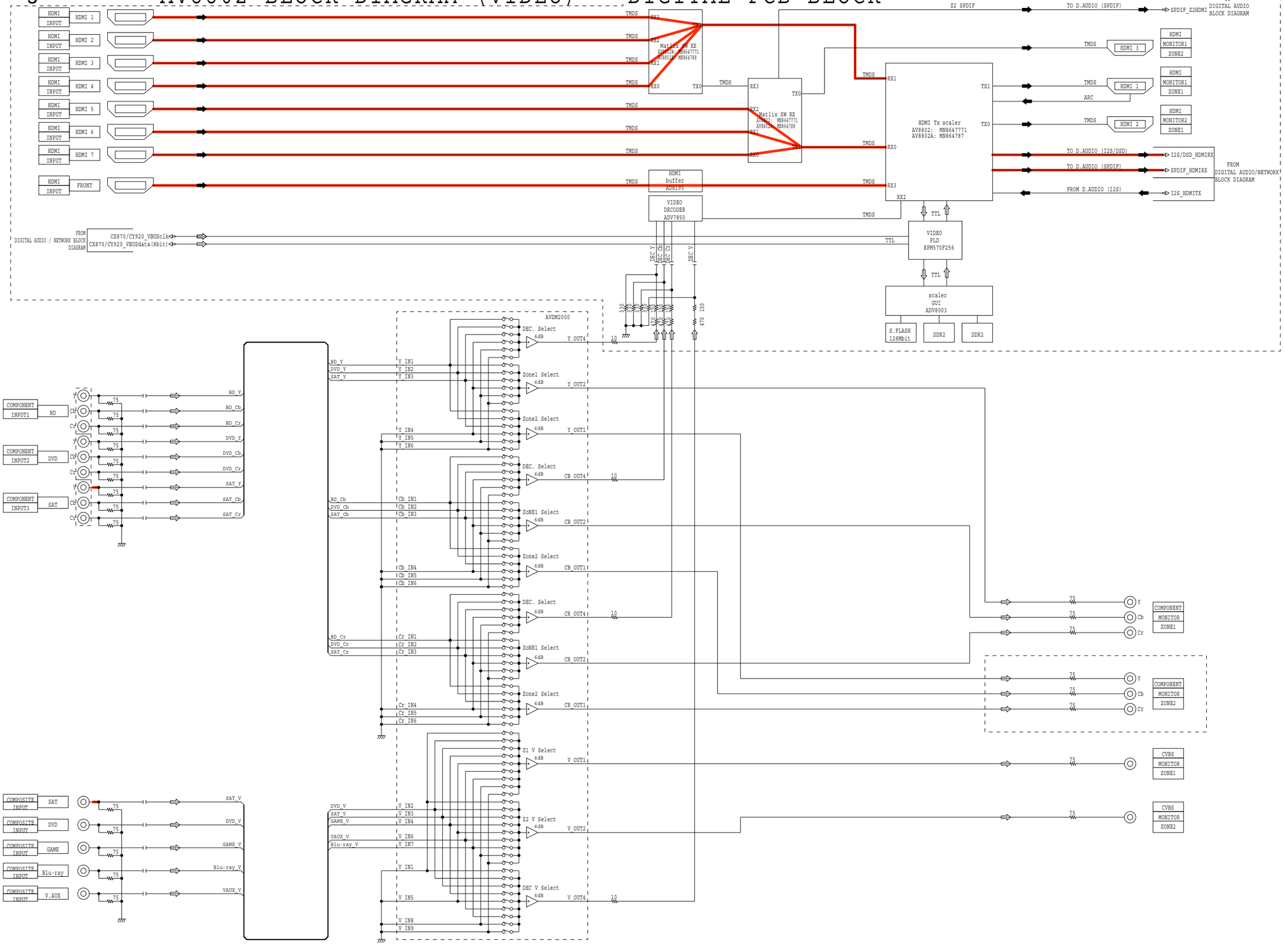


fig.21b

AV8802 DIGITAL AUDIO/NETWORK BLOCK DIRAGRAM

DIGITAL PCB BLOCK

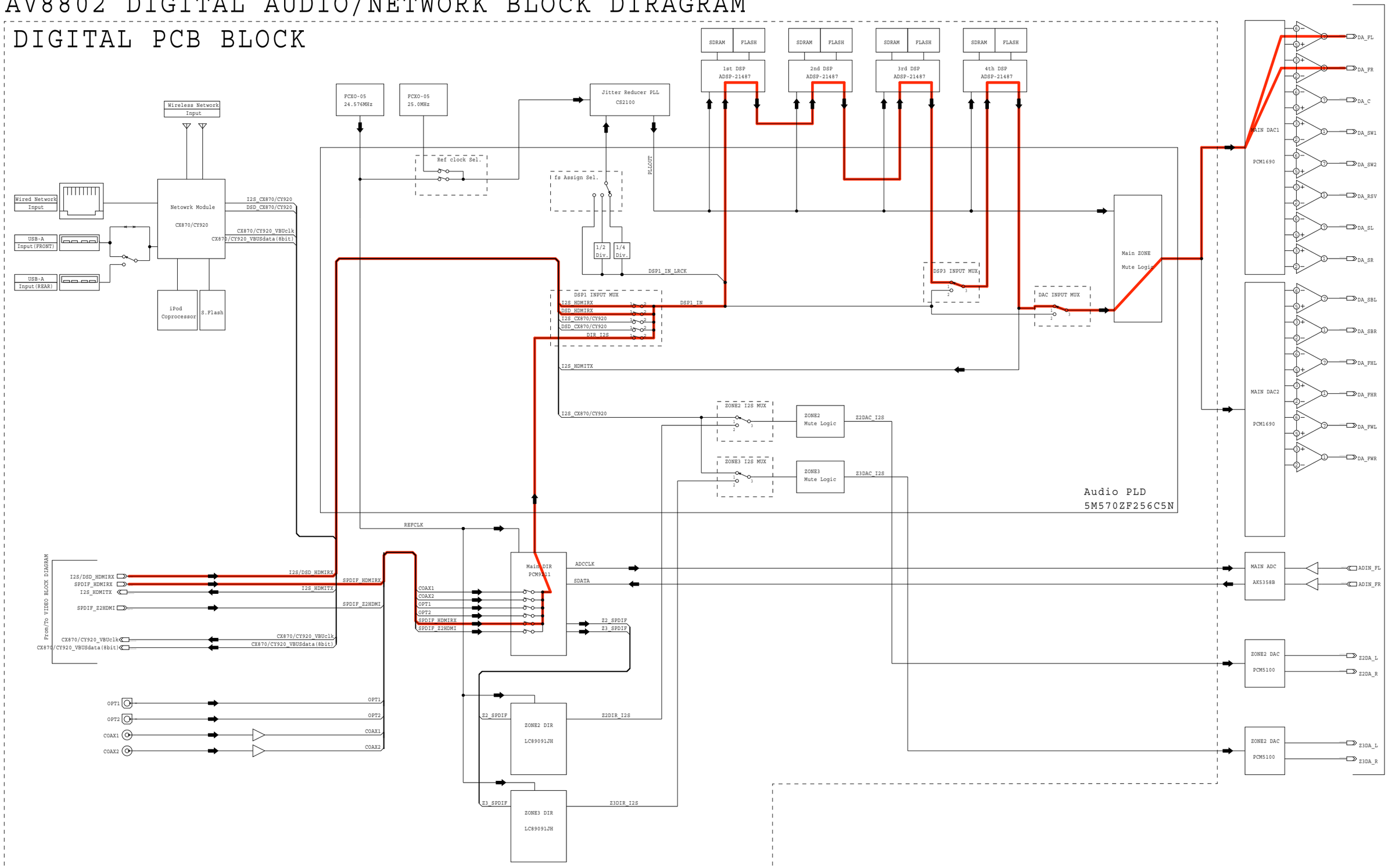


fig.21c

AV8802 BLOCK DIAGRAM (A.AUDIO/Z2,3HPF)

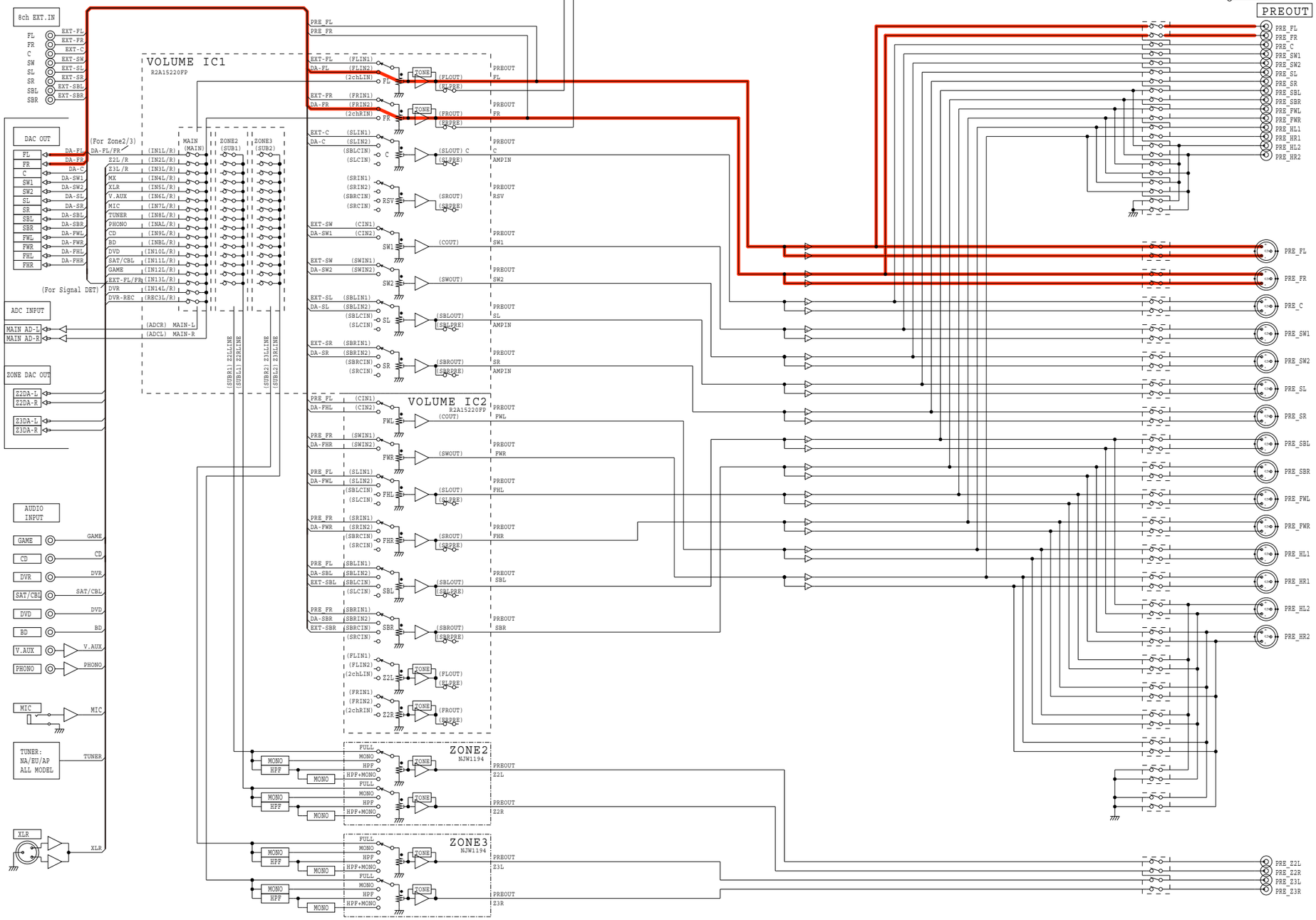


fig.22a

AV8802 BLOCK DIAGRAM (VIDEO)

DIGITAL PCB BLOCK

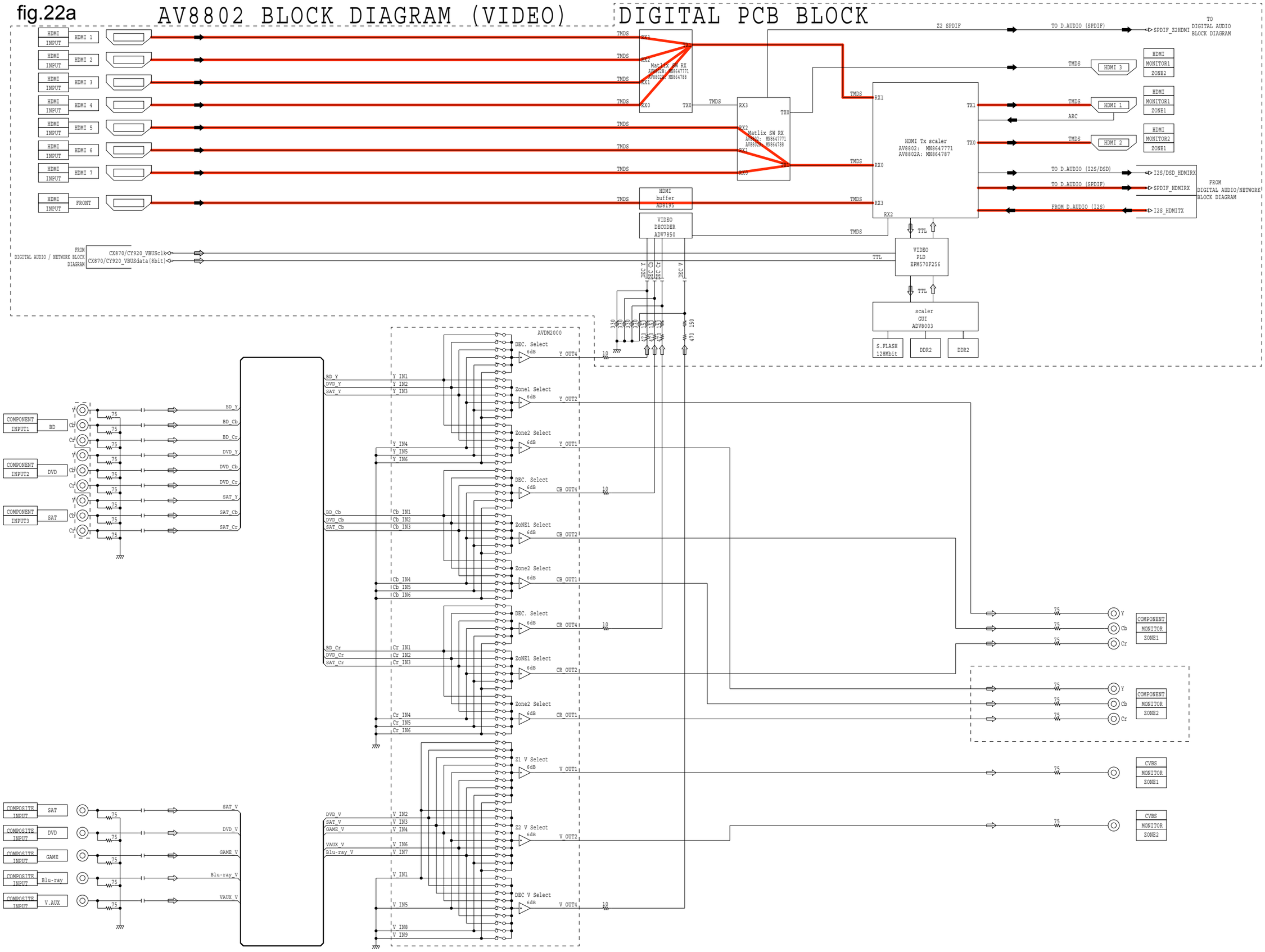


fig.22b

AV8802 DIGITAL AUDIO/NETWORK BLOCK DIRAGRAM

DIGITAL PCB BLOCK

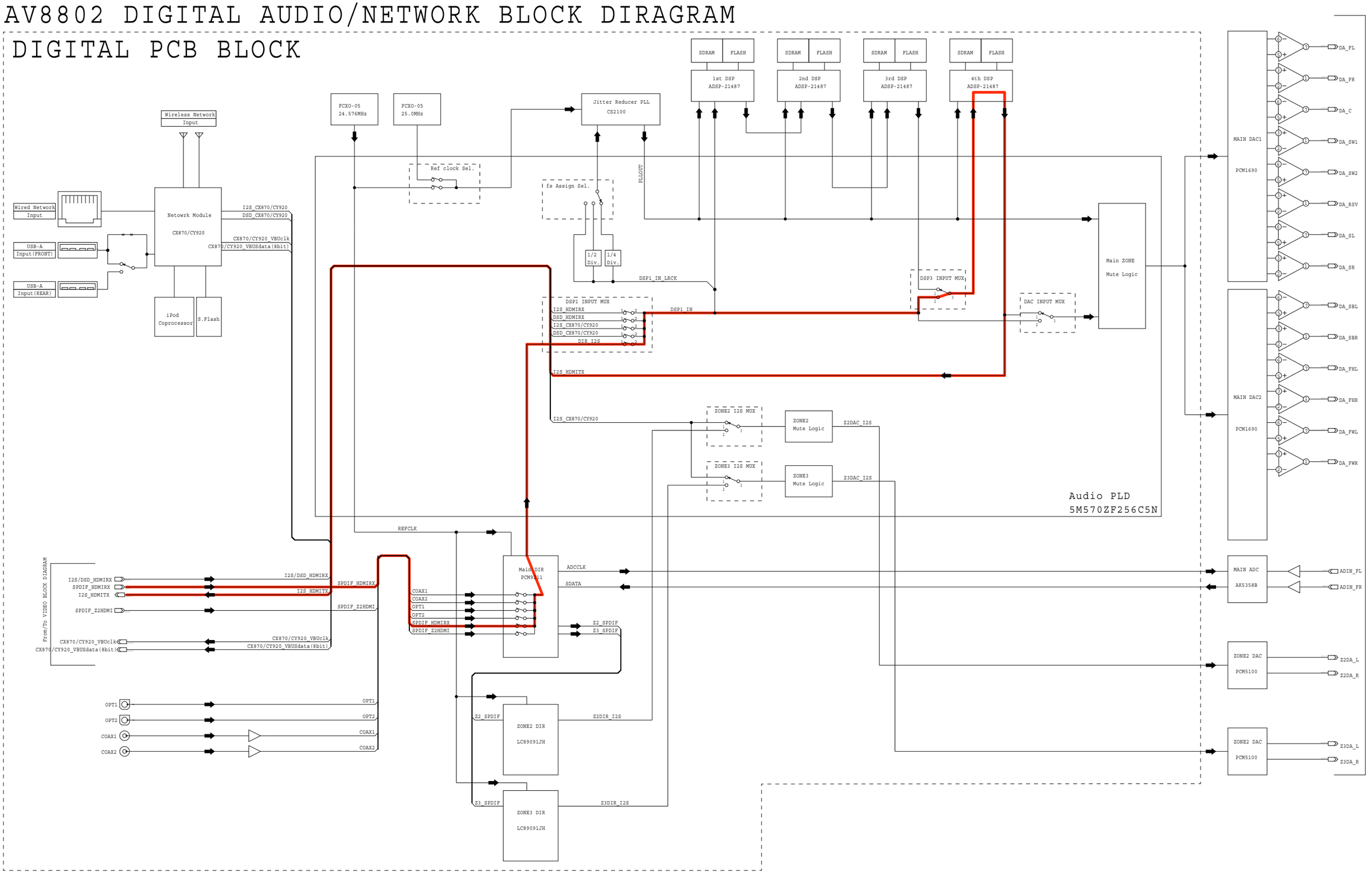


fig.23

AV8802 BLOCK DIAGRAM (VIDEO)

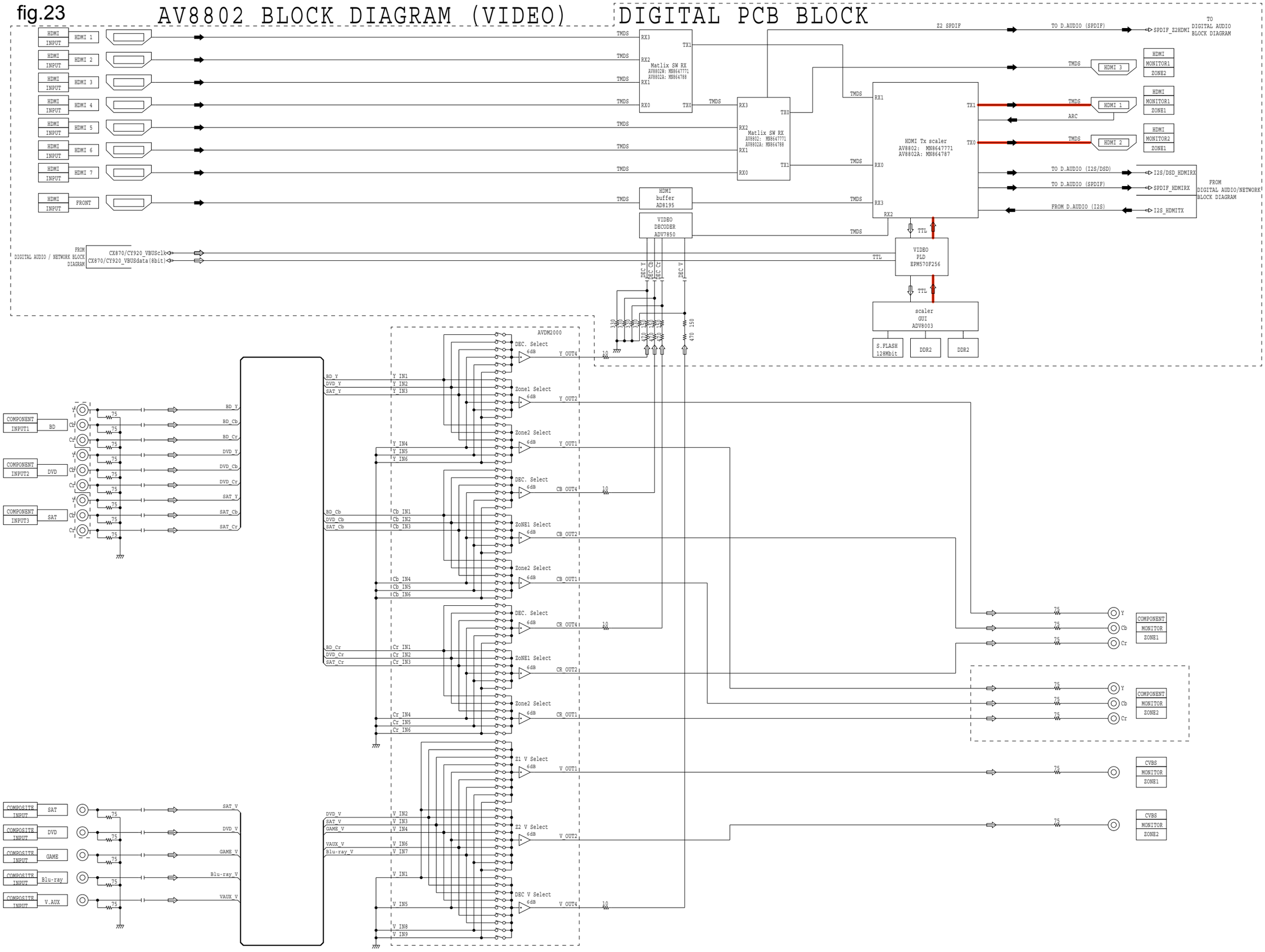
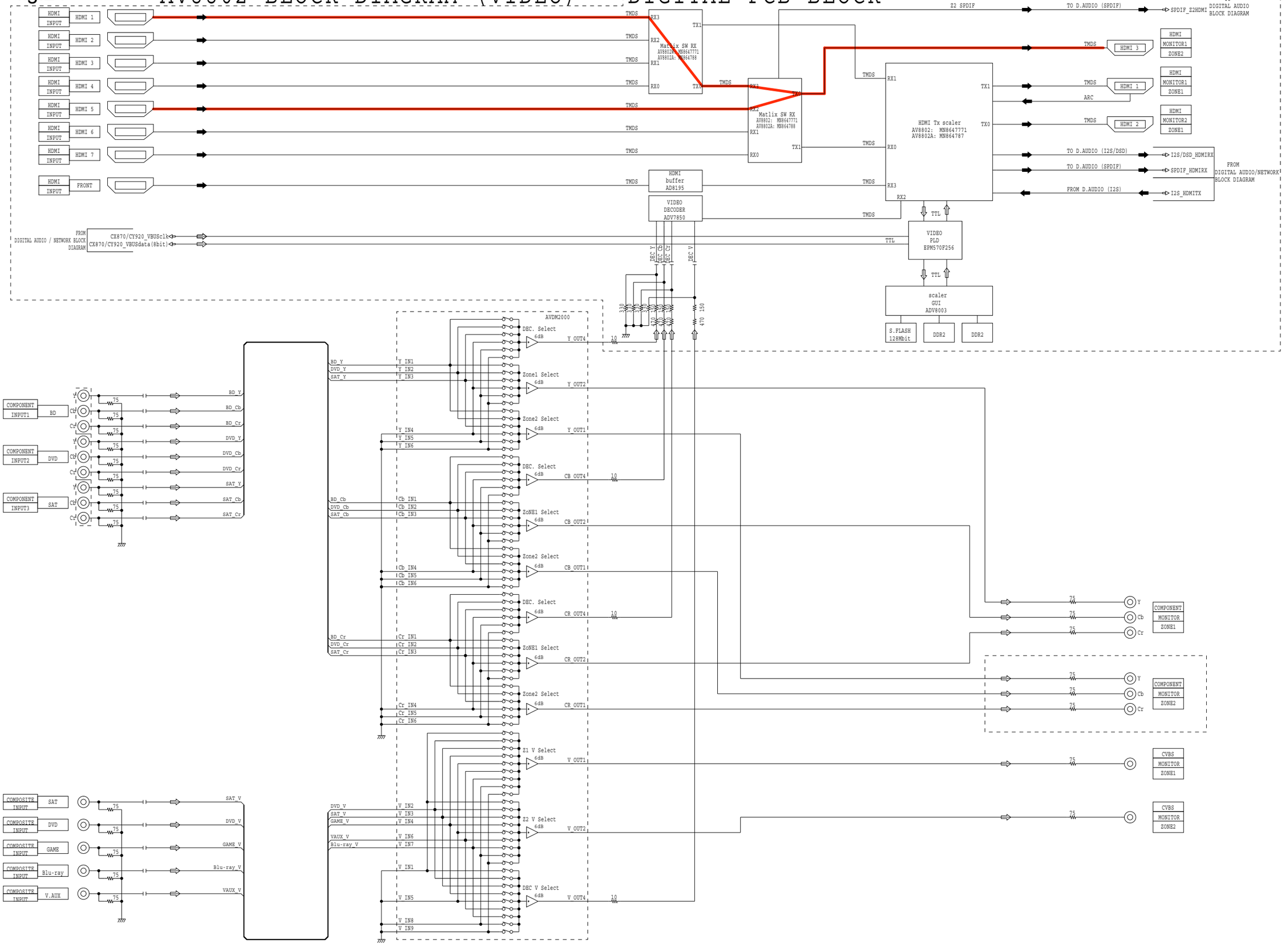


fig.24

AV8802 BLOCK DIAGRAM (VIDEO)

DIGITAL PCB BLOCK



3.5. 232C Standby Clear Mode

3.5.1. Actions

Switches from 232C standby mode to normal standby mode.

3.5.2. Starting up

Hold down buttons "**ZONE SELECT**" and "**BACK**" at the same time and press the power button to turn on the power.
Select the "**3. RS232C RESET**" using the button "**CURSOR ▼/▲**", and press the button "**ENTER**" to commit the selection.

FLD																
	L1		1	.	S	E	R	V	I	C	E		C	H	E	C	K
	L2	▶	3	.	R	S	2	3	2	C		R	E	S	E	T	

3.6. Operation Info Mode

3.6.1. Actions

This mode displays the accumulated operating time, power on count and each protection count.

3.6.2. Starting up

Hold down buttons "**ZONE SELECT**" and "**BACK**" at the same time and press the power button to turn on the power.
Select the "**4. OP INFO**" using the button "**CURSOR ▼/▲**", and press the button "**ENTER**" to commit the selection.

3.6.3. Operations

Press the "**STATUS**" button after starting this device in Operation Info mode.
The following information is displayed in the following order.

(a) Accumulated operating time

FLD																
	L1	O	p	e	r	a	t	i	o	n		T	i	m	e	
	L2		T	o	t	a	l	:							H	

↑Time display

"**STATUS**"

(b) Power on count

FLD																
	L1	P	o	w	e	r		O	n		T	i	m	e		
	L2		T	o	t	a	l	:								

↑Count display

"**STATUS**"

(Returns to normal display)

3.7. TUNER STEP mode (N only)

3.7.1. Actions

This is a special mode for enabling reception STEP of the ANALOG TUNER to be changed.

3.7.2. Starting up

Hold down buttons "**ZONE SELECT**" and "**BACK**" at the same time and press the power button to turn on the power.
Select the "**5. TUNER FRQ SET**" using the button "**CURSOR ▼/▲**", and press the button "**ENTER**" to commit the selection.

3.7.3. Displays

Start this unit in TUNER STEP mode, select using button "**CURSOR ◄/►**" and enter using button "**ENTER**".
The following information is displayed in the following order.

(1) AM9kHz/FM50kHz selected

FLD	L1	*	T	U	N	E	R		F	R	Q		S	e	t		
	L2		<			A	M	9	/	F	M	5	0			>	

"CURSOR ◄" "CURSOR ►"

(2) AM10kHz/FM200kHz selected

FLD	L2		<		A	M	1	0	/	F	M	2	0	0		>	

"ENTER"

(3) Press the power button to turn off the power.
(4) Press the power button to turn on the power.

4. Additional Source mode

4.1. Actions

• The Additional Source setting is added for the custom installer. When the setting is "ON", AUX3-7 is added as a Source. It is possible to add the number of Sources for use by assigning various input connectors in Input Assign Menu.
• The added AUX3-7 is displayed and available for selection in the Source related settings such as Input Setup in Setup Menu.
• The default setting is "**OFF**".

4.2. Starting up

Hold down buttons "**SLEEP**" and "**A-DSX**" at the same time and press the power button to turn on the power.

4.3. Operations

1. After the POWER ON sequence, FLD displays the indication for the Additional Source mode.
2. Press the "**CURSOR ◄/►**" buttons to select the setting.

ON ◄——► OFF

FLD	L1	*	A	d	d		S	o	u	r	c	e		M	o	d	e
	L2				<			O	F	F				>			

• ON is selected

FLD	L2				<				O	N				>			

• OFF is selected

FLD	L2				<			O	F	F				>			

3. Press the "**ENTER**" button to confirm the setting.

5. CX870 / CY920 Reboot Mode

5.1. Actions

• The CX870 / CY920 is restarted after CX870 / CY920 hangup.
• The CX870 / CY920 can be restarted even in the network standby setting.
("**Setup menu**" – "**Network**" – "**IP Control**" – "**Always On**")

5.2. Operations

(1) Select "**Online Music**" as the input source.
(2) Hold down buttons "**M-DAX**" and "**DYNAMIC EQ**" for at least 3 seconds while the power is on.
FL display during CX870 / CY920 reboot

FLD	L1	N	e	t	w	o	r	k		R	e	s	t	a	r	t	

(3) Returns to the normal display.

NOTE :
• The CX870 / CY920 Reboot operation is not accepted again for one minute after executing the reboot.
• Reception is prohibited during update, save and load.

6. CX870 / CY920 Initialization Mode

6.1. Actions

The following items are initialized.
(1) Favorites
(2) Quick Select
(3) Presets
(4) Internet Radio Recently Played
(5) Flickr contacts
(6) User ID
(7) Resume Playback station

6.2. Operations

(1) Select "**Online Music**"
(2) Hold down buttons "**BACK**" and "**ENTER**" for at least 3 seconds while the power is on.

Initializing Display

FLD	L1	I	n	i	t	i	a	l	i	z	i	n	g				
FLD	L1	I	n	i	t	i	a	l	i	z	i	n	g	.			
FLD	L1	I	n	i	t	i	a	l	i	z	i	n	g	.	.		
FLD	L1	I	n	i	t	i	a	l	i	z	i	n	g	.	.	.	

Complete Display

FLD	L1				C	o	m	p	l	e	t	e	d				

This is displayed for 5 seconds before returning to the normal display.

Failed Display

FLD	L1						F	a	i	l	e	d					

JIG FOR SERVICING

The following jigs (extension cable kit) are used when repairing the PCBs.
Order the jigs from your dealer if necessary.

CAUTION : Incorrect connections may cause malfunction.

• Connection of Jig for DIGITAL PCB

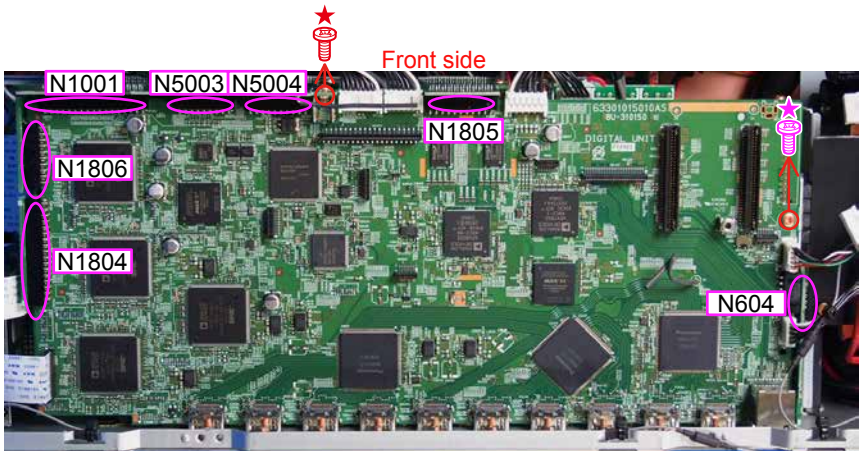
-Items to Be Prepared-

8U- 110084S : EXTENSION UNIT KIT : 2 Set
Insulation sheet (Not supplied) : 1 sheet
Ground lead (Not supplied) : 1 pc

-Procedures-

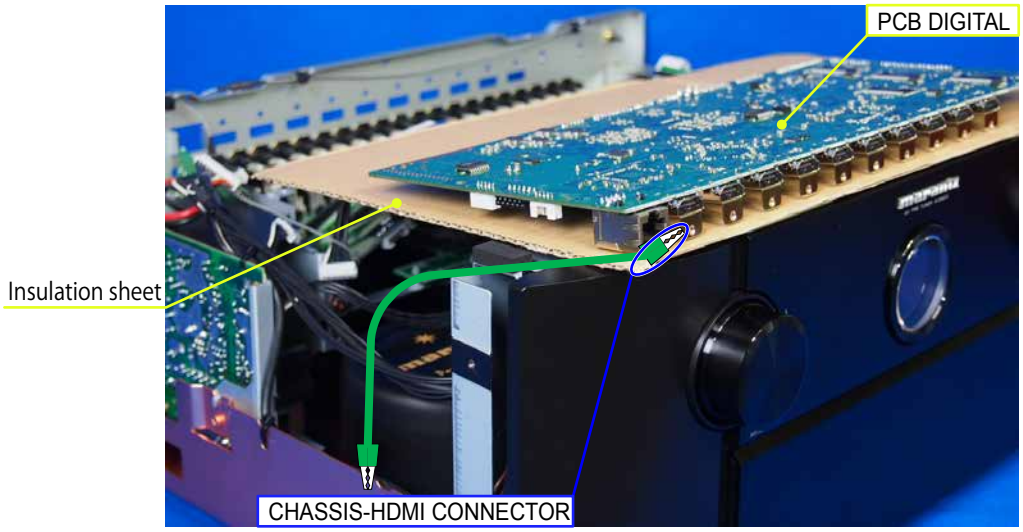
(1) Remove the screws.

(2) Remove the connector PCB.

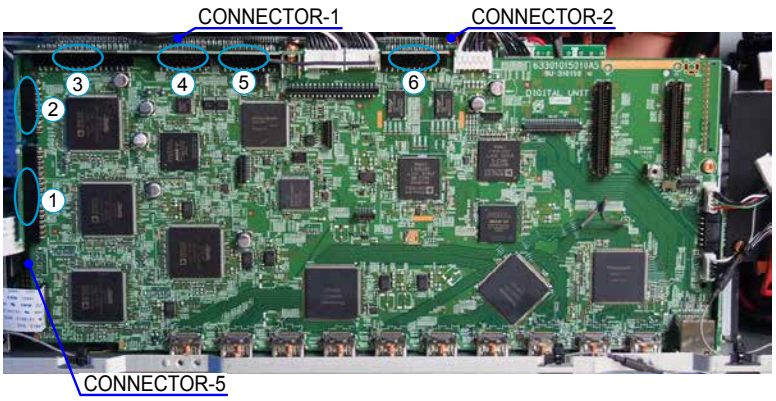


(3) Remove the DIGITAL PCB from the chassis and turn it over.
Place an insulation sheet larger than the PCB underneath the DIGITAL PCB.

※ Connect the earth of the PCB to the chassis using an earth wire, etc.



(4) Connect the expansion cables.



Connection table of Board to Board

No.	Pin	Ref. No.	PCB		Ref. No.	PCB
①	33pin	N5202	CONNECTOR-5	⟷	N1804	DIGITAL
②	19pin	N5201	CONNECTOR-4	⟷	N1806	DIGITAL
③	33pin	N5901	CONNECTOR-1	⟷	N1001	DIGITAL
④	17pin	N5905	CONNECTOR-1	⟷	N5003	DIGITAL
⑤	19pin	N5907	CONNECTOR-1	⟷	N5004	DIGITAL
⑥	21pin	N5909	CONNECTOR-2	⟷	N1805	DIGITAL

PROCEDURE AFTER REPLACING THE MICROPROCESSOR, ETC.

The procedure after replacing the u-COM (microprocessor), flash ROM, etc. is as follows.

PCB Name	Ref. No.	Description	Procedure after Replacement	Remark
DIGITAL	U5001	R5F56108VNFP	B	SOFTWARE: Main
DIGITAL	U2101	R5F5210ABDFP	B	SOFTWARE: Sub
DIGITAL	U103/U203/ U303/U403	MX25L1606EM2I-12G	B	SOFTWARE: DSP1 / 2 / 3 / 4 ROM
DIGITAL	U2801	MX25L12845FMI-10G	B	SOFTWARE: GUI ROM
DIGITAL	U1201	5M570ZF256C5N	B	SOFTWARE: AUDIO PLD
DIGITAL	U3200	EPM570F256C4N	B	SOFTWARE: VIDEO PLD
MODULE	73	CX870 MODULE (CX870 Model)	D	SOFTWARE: SBL.bcd / IMG.bcd ⚠3
MODULE	74	CY920 MODULE (CY920 Model)	D	SOFTWARE: SBL.bcd / IMG.bcd ※1 ⚠3
DIGITAL	U602	MX25L25635FMI-10G (CY920 Model)	C	SOFTWARE: IMG.bcd ※ 1 ⚠3

※ 1 The firmware for the CY920 MODULE is written to the INTERNAL ROM of the CY920 and the IC501 (EXTERNAL ROM) of the DIGITAL circuit board.
"**CY920 Error**" appears in the display if the DIGITAL PCB or the CY920 is replaced, as this results in the version of the INTERNAL ROM differing from that of the EXTERNAL ROM.
In this case, see "**Update Procedure in the Event of a CY920 Error**".
(This does not require special operations such as pushing multiple buttons at the same time. The firmware also cannot be updated via DPMS.) ⚠3

Procedure after Replacement
A : The software has been written. The software is not written at the time of replacement.
B : The software has been written. The software may need to be rewritten by version updates. Check the version.
C : The software has not been written. The software needs to be written after replacement.
See "**Firmware Update Procedure**" for information on writing the software.
D : The software has been written. Be sure to rewrite with the latest software for your service region.
See "**Firmware Update Procedure**" for information on writing the software.

FIRMWARE UPDATE PROCEDURE

1. Updating by USB

The latest firmware can be downloaded to a USB memory for updates.

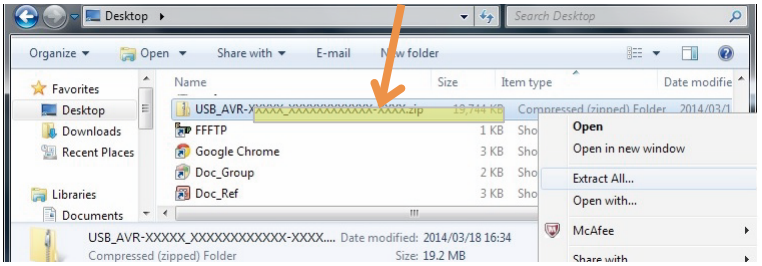
1.1. Connecting to the USB Memory

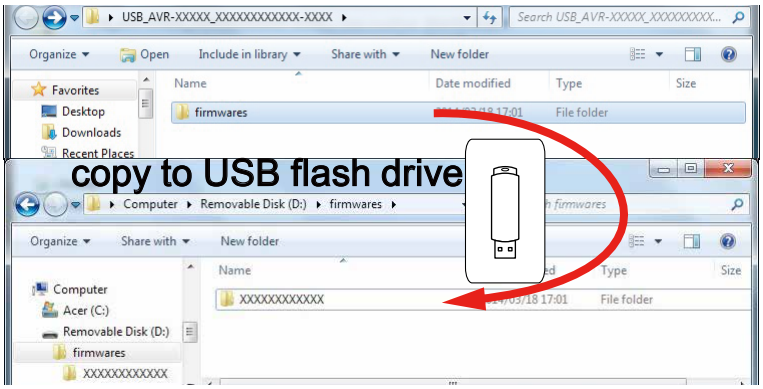
(1) Preparation
- Use a memory that supports USB2.0.
- USB format : Prepare a USB memory formatted in FAT16 or FAT32.
- Do not run the USB memory through a hub.
- Do not connect a computer to the USB port of this unit using a USB cable.
- Do not use an extension cable when connecting the USB unit.

1.2. Unzip Download File

Unzip the downloaded file on your computer.

AVXXXXXXX	USB_AVXXXXXXX_XXXXXXXXXXXX-XXXX.zip





You can find "**firmwares**" folder after unzipped.
Copy that folder to USB flash drive.
You have to put "**firmwares**" folder on root directly on USB flash drive(memory).

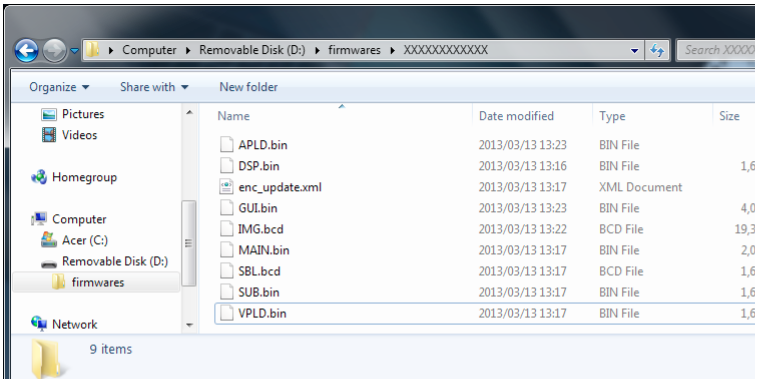
1.3. File structure on USB Memory

Copy the update files to the USB memory with the following structure:

USB memory root

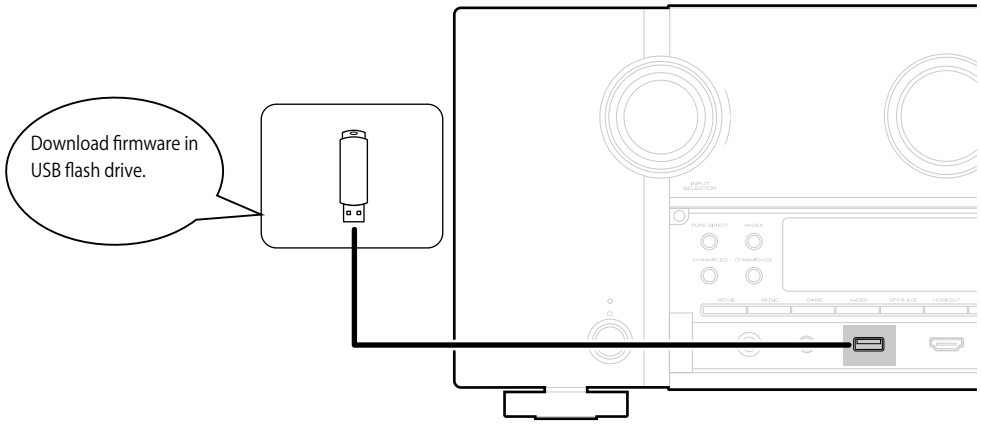
Model Name	Model Area	Product ID(AV8802)	Product ID(AV8802A) ⚠
AV8802	North America (U)	100100290100	100100450100
	Europe (N)	100100290200	100100450200
	Japan (F)	100100290400	100100450400

+ firmwares
  + 100100XXXXXX
    + APLD.bin
    + DSP1.bin
    + DSP2.bin
    + DSP3.bin
    + DSP4.bin
    + enc_update.xml
    + GUI.bin
    + IMG.bcd
    + MAIN.bin
    + SBL.bcd
    + SUB.bin
    + VPLD.bin



1.4. Insert the USB memory in the USB port.

NOTE：Remove the LAN cable from this unit when performing updates.



1.5. Start the update.

Hold down buttons "**HDMI OUT**" and "**STATUS**" at the same time and press the power button to turn on the power.

1.6. Display during USB update

The following message appears on the display after around 30 seconds

Display

FLD	L1	*	F	I	R	M	W	A	R	E		U	P	D	A	T	E
	L2	U	S	B		U	p	d	a	t	e		S	t	a	r	t

1.7. Press the "ENTER" key on the remote control unit or this unit.

Then start Firmware Update.

Display

FLD	L1	P	l	e	a	s	e		w	a	i	t	.	.	.		
	L2	U	p	d	a	t	e	F	i	l	e	C	h	e	c	k	

1.8. The firmware update finishes.

When the update is completed, the normal status resumes after the following message appears on the display.

Display

FLD	L1	F	i	r	m		U	p	d	a	t	e	▼			
	L2	U	p	d	a	t	e		C	o	m	p	l	e	t	e	

--- Precautions for Updates ---

- Never remove the USB memory before the update is finished.
- Never turn off the power before an update is completed.
- It takes around 1 hour to complete the update.

Once an update is started, normal operations cannot be performed until it is completed.
The GUI menu settings and image adjustment settings of this unit may be initialized.
Take note of your settings beforehand and reconfigure them after the update.

1.9. Forced USB All Device Write Mode

1.9.1. Actions

Mode used when this unit cannot be recovered.
Forcibly switches this unit to USB update mode.

1.9.2. Operations

Press the "**HDMI OUT**" and "**STATUS**" buttons simultaneously while inserting the AC plug to turn the power on.

1.9.2. The firmware update finishes.

The normal status resumes after update is completed.

1.10. Update Procedure in the Event of a CY920 Error ⚠3

1.10.1. Actions

Perform the following update procedure if "**CY920 Error**" appears in the display when the power is turned on after replacing the DIGITAL PCB or the CY920.

1.10.2. Operations

(1) Remove the AC power plug and turn off the power.
(2) Copy the update file to a USB memory device and insert the USB memory device in the USB port.
(3) Insert the AC plug and turn on the power.
(4) The update starts automatically after "**CY920 Error**" appears in the display.

Display

FLD	L1	P	l	e	a	s	e		w	a	i	t	.	.	.
	L2	U	p	d	a	t	e	F	i	l	e	C	h	e	c	k

(5) The firmware update finishes.

Display

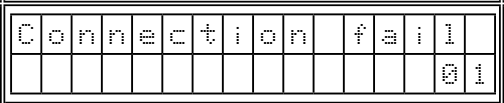
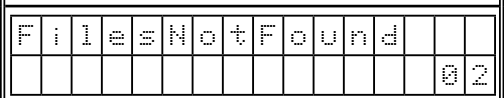
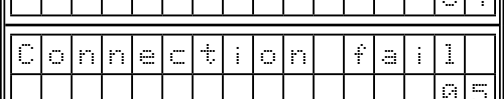
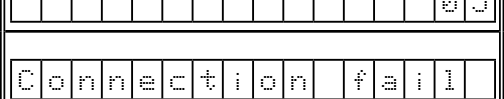
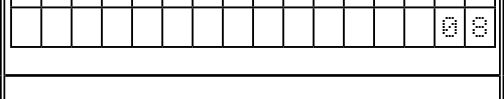
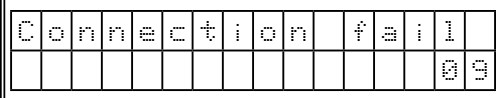
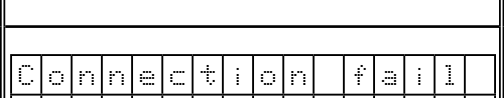
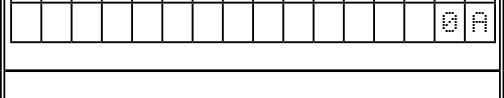
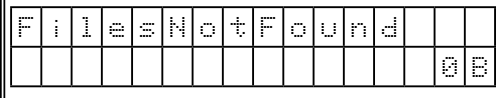
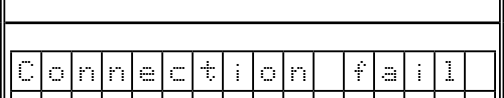
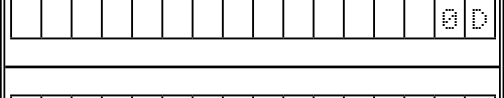
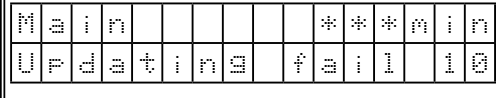
FLD	L1	F	i	r	m		U	p	d	a	t	e	▼		
	L2	U	p	d	a	t	e		C	o	m	p	l	e	t	e

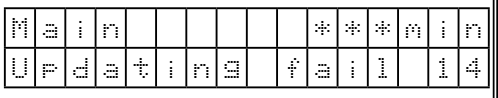
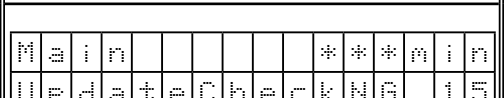
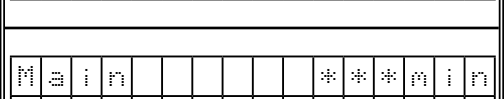
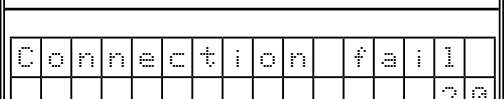
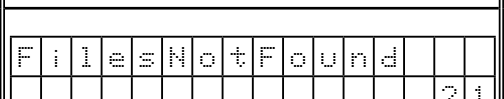
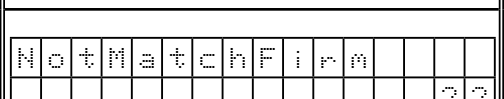
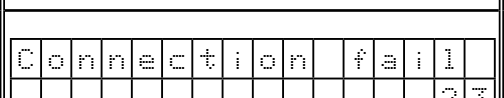
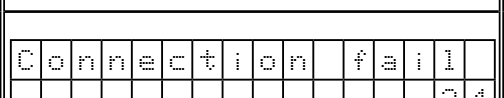
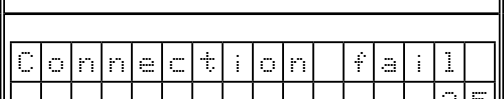
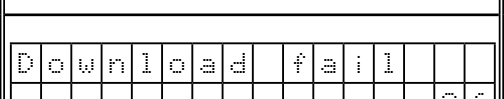
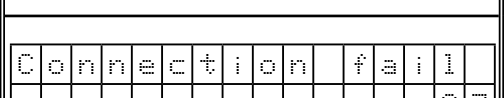
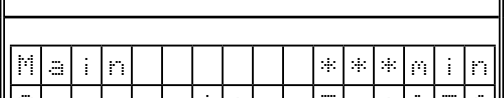
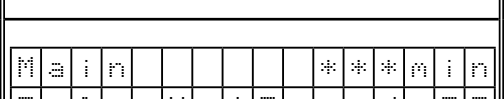
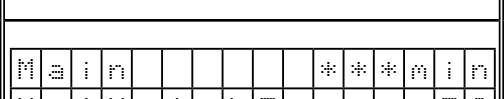
The unit restarts after the update is finished.

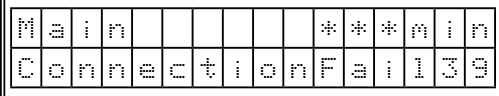
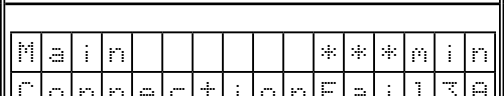
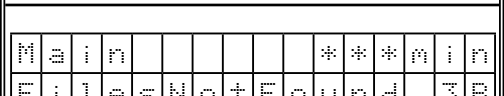
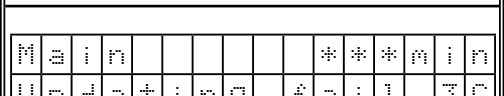
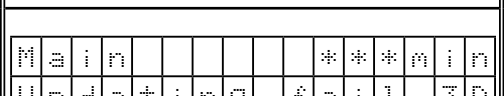
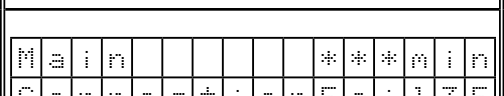
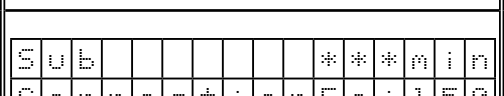
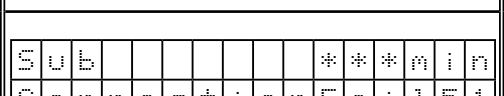
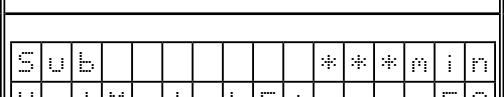
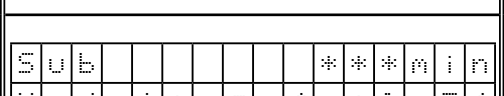
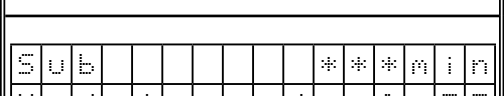
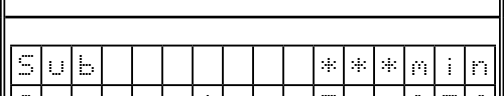
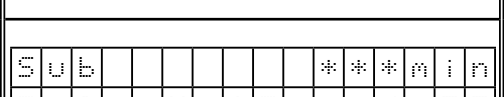
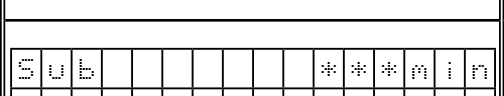
(6) After the update, check that "**CY920 Error**" is no longer displayed, and check the version of the new firmware.
See "**1. Version Display Mode**" (19 page).

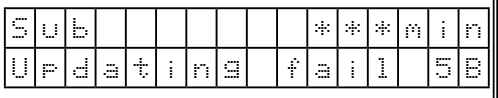
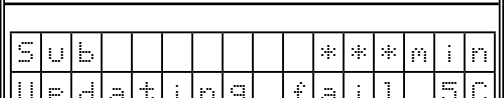
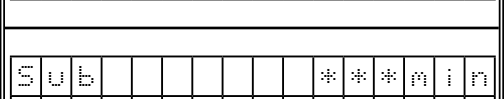
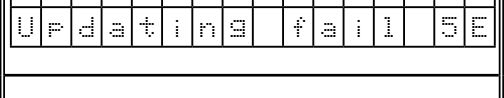
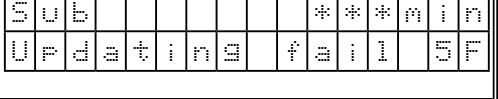
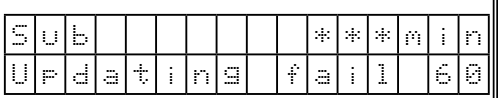
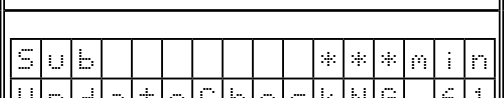
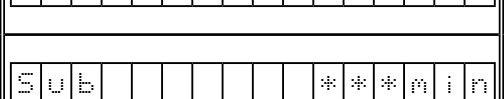
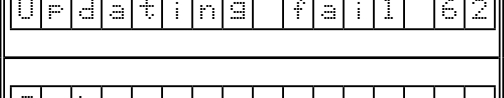
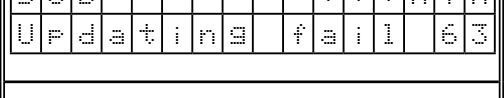
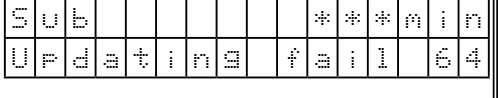
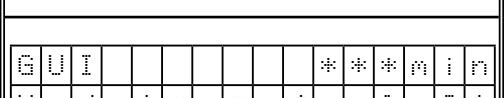
1.10.About the error code

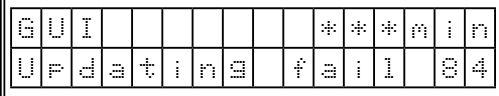
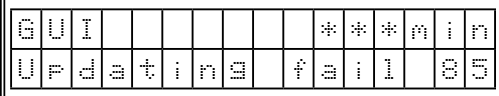
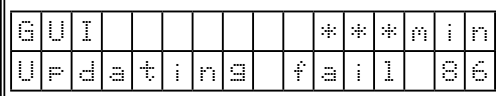
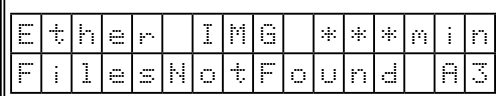
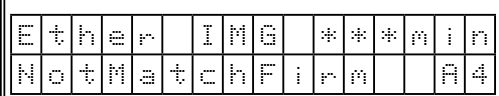
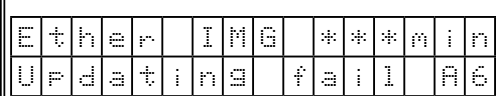
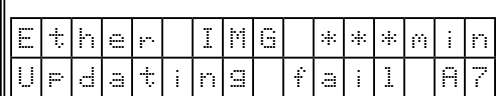
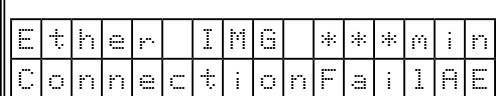
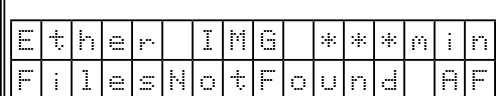
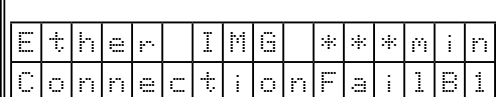
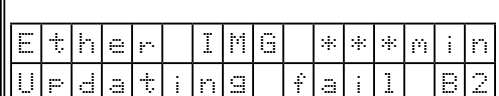
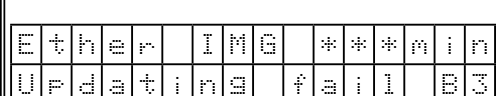
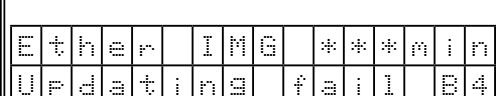
See the table below for error codes and details of faults when the firmware is updated through USB memory.

Error Code	USB Update Error Display	Details of Error code	Coping strategies
01		Unable to detect USB.	Disconnect and connect the USB memory.
02		No Firmware File in USB.	Make sure that the Firmware File is in the USB memory.
03		Firmware File in USB for unsupported Model name/area.	Check the supported Model name/area for the Firmware File.
04		Failed to obtain entire Firmware information.	Start the USB Update again.
05		Time Out while obtaining entire Firmware information.	Start the USB Update again.
08		Error notification received while requesting Firmware Info.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
09		Time Out while obtaining Firmware information.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
0A		Unable to detect USB for Firmware Download.	Disconnect and connect the USB memory.
0B		No Firmware File for Firmware Download.	Disconnect and connect the USB memory.
0D		Received value with invalid Package Version.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
10		No Update Packet received from CX870 / CY920 (Time Out).	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
11		Abnormal data in Update Packet received from CX870 / CY920 (CRCError).	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
12		Abnormal data in Update Packet received from CX870 / CY920 (PacketNoError).	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
13		Block Erase failed before rewriting Main.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.

Error Code	USB Update Error Display	Details of Error code	Coping strategies
14		Block Write failed while rewriting Main.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
15		Error in Verify after rewriting Main (Check Sum Error).	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
16		Setup failure of the transfer method of XModem.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
20		Unable to detect USB after SBL Mode.	Disconnect and connect the USB memory.
21		No Firmware File in USB after SBL Mode.	Disconnect and connect the USB memory.
22		Firmware File in USB after SBL Mode for unsupported Model name/area.	Check the supported Model name/area for the Firmware File.
23		Failed to obtain entire Firmware information after SBL Mode.	Disconnect and connect the USB memory.
24		Time Out while obtaining entire Firmware information after SBL Mode.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
25		Failed to transit to SBL Mode.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
26		Time Out in Download (writing to SDRAM) for Firmware Download.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
27		Failed to write to EEPROM after SBL Mode.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
36		Unable to detect USB.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
37		No Firmware File in USB.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
38		Firmware File in USB for unsupported Model name/area.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.

Error Code	USB Update Error Display	Details of Error code	Coping strategies
39		Time Out in USB Check.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
3A		Unable to detect USB for Firmware Download.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
3B		No Firmware File for Firmware Download.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
3C		Error notification received while requesting Firmware Info.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
3D		Time Out while obtaining Firmware information.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
3F		Failed to transit to SBL Mode.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
50		Unable to detect USB.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
51		No Firmware File in USB.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
52		Firmware File in USB for unsupported Model name/area.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
54		Error notification received while requesting Firmware Info.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
55		Time Out while obtaining Firmware information.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
56		Unable to detect USB for Firmware Download.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
57		No Firmware File for Firmware Download.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
5A		Invalid DeviceID in response or no response from Sub for C command.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.

Error Code	USB Update Error Display	Details of Error code	Coping strategies
5B		NACK received in response or no response from Sub for L command.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
5C		No Update Packet received from CX870 / CY920 (Time Out).	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
5D		Abnormal data in Update Packet received from CX870 / CY920 (CRCError).	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
5E		Abnormal data in Update Packet received from CX870 / CY920 (PacketNoError).	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
5F		Setup failure of the transfer method of XModem.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
60		NACK received in response or no response from Sub for P command.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
61		Mismatched Check Sum in response or no response from Sub for I command.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
62		Failed to start up Sub in Power On sequence during Update.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
63		Failed to transit to Application Mode.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
64		Failed to transit to Boot Loader Mode.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
80		Write Enable Latch Bit not set in Read after issuing WREN command.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
81		Block Erase failed in Read after issuing BE command.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
82		No Update Packet received from CX870 / CY920 (Time Out).	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
83		Abnormal data in Update Packet received from CX870 / CY920 (CRCError).	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.

Error Code	USB Update Error Display	Details of Error code	Coping strategies
84		Abnormal data in Update Packet received from CX870 / CY920 (Packet No Error).	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
85		Abnormal data in Update Packet received from CX870 / CY920 (Data Length / Data No).	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
86		Mismatched Check Sum in Check Sum comparison after rewriting.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
A2		Unable to detect USB.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
A3		No Firmware File in USB.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
A4		Firmware File in USB for unsupported Model name/area.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
A6		Error notification received while requesting Firmware Info.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
A7		Time Out while obtaining Firmware information.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
AE		Unable to detect USB for Firmware Download.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
AF		No Firmware File for Firmware Download.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
B1		Time Out in Download (writing to SDRAM) for Firmware Download.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
B2		Error notification received after rewriting CX870 / CY920 Firm.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
B3		Error in Firmware Update (Time Out).	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.
B4		Failed to transit to Boot Loader Mode.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.

Error Code	USB Update Error Display	Details of Error code	Coping strategies
B5	L1: Ether IMG ***min L2: Updating fail B5	Failed to transit to Application Mode.	This unit automatically retries several times. Wait until the FL display stops. If the FL display stops at the Error display, press and hold the "Power operation" button for five seconds.

---Check the firmware version after updating.---
After updating the firmware, check the version. See "**1. Version Display Mode**" (19 page).

1.11. Device display during firmware update

Display of target device during firmware update.

Target device	USB Update Display	Error code when an error occurs
Main CPU	L1: Main ***min L2: Updating **%	10 - 16 36 - 3D 3F
Sub	L1: Sub ***min L2: Updating **%	50 - 52 54 - 57 5A - 64
Audio PLD	L1: APLD ***min L2: Updating **%	50 - 52 54 - 57 5A - 64
VIDEO PLD	L1: VPLD ***min L2: Updating **%	50 - 52 54 - 57 5A - 64
DSP	L1: DSP1 ***min L2: Updating **% L1: DSP2 ***min L1: DSP3 ***min L1: DSP4 ***min	50 - 52 54 - 57 5A - 64
GUI Serial Flash	L1: GUI ***min L2: Updating **%	50 - 52 54 - 57 5A 62 - 64 80 - 86
CX870 / CY920 second Boot Loader	L1: Ether SBL ***min L2: Updating **%	A2 - A4 A6 - A7 AE - AF B1 - B5
CX870 / CY920 Image	L1: Ether IMG ***min L2: Updating **%	A2 - A4 A6 - A7 AE - AF B1 - B5
CX870 / CY920 Image (Emergency Mode)	L1: Please wait... L2: Update retry	–

Checking the Firmware Version After an Update

After updating the firmware, check the version. See "**1. Version Display Mode**" (19 page).

2. Updating by DPMS

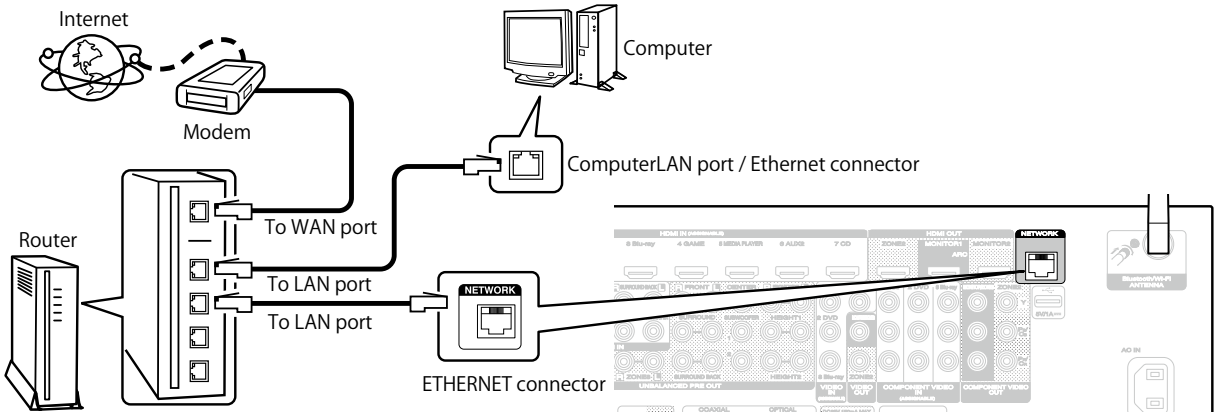
Download the latest firmware from the internet and update the firmware.

2.1. Network Connection

(1) System Requirements

- A broadband internet connection
- Modem
- Router
- Ethernet cable (CAT-5 or greater recommended)

(2) Settings



2.2. Check and update the firmware

Check whether new firmware is available. It is also possible to check approximately how long the update will take.

(1) Press the button "**SETUP**" on the remote control to display the GUI menu.
(2) Press the cursor button to select "**General**" → "**Firmware**" → "**Update**" → "**Check for Update**".
(3) Press the button "**ENTER**".
  • The latest firmware version uploaded to our website is displayed.
  • Proceed to (4) if new firmware is available on our website.
  • If the latest firmware is already installed, press the button "**SETUP**" to exit the menu.
(4) Select "**Start**" using the cursor buttons and then press "**ENTER**".
  • The power display lights in red and the GUI screen display disappears during the update.
  The remaining time of the update is shown on the display of the unit.
  • The normal status resumes after the update is completed.

--- Precautions for Updates ---

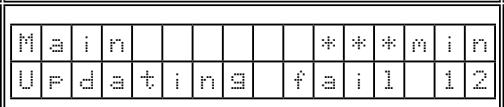
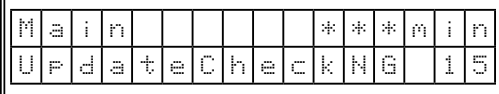
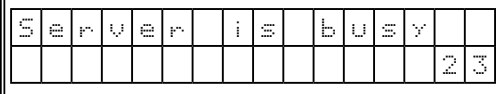
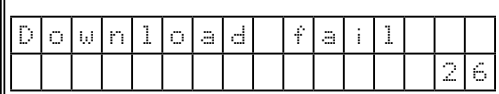
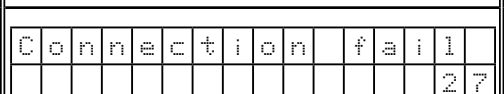
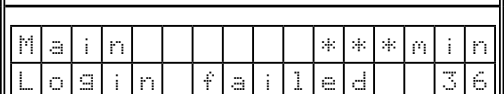
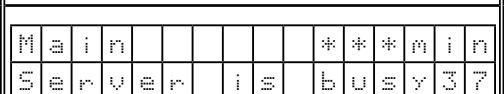
• The environment and settings must allow connection to broadband Internet for updates.
• Never turn off the power before an update is completed.
• It takes around 1 hour to complete the update.

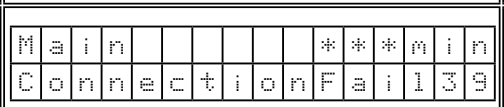
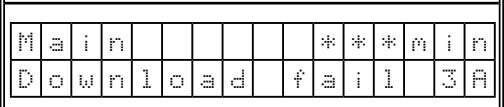
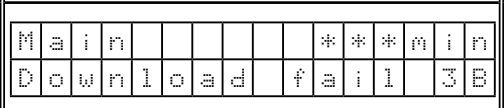
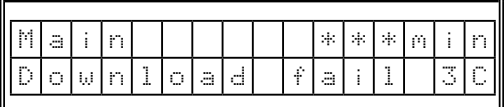
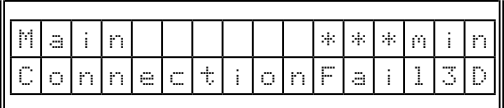
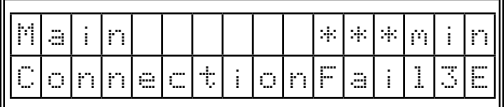
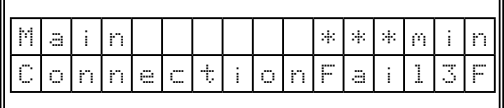
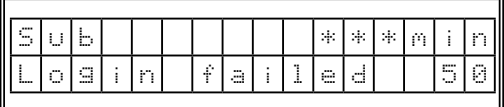
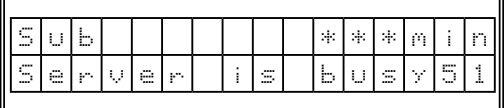
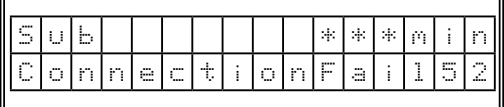
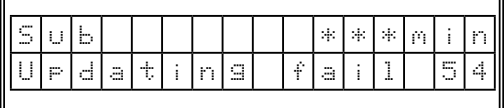
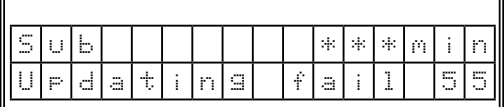
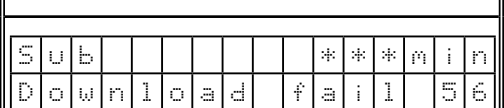
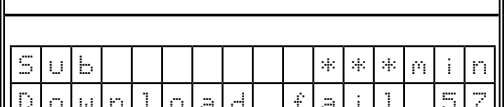
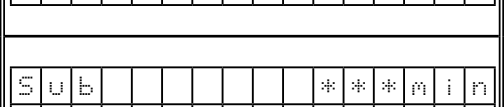
Once an update is started, normal operations cannot be performed until it is completed.
The GUI menu settings and image adjustment settings of this unit may be initialized.
Take note of your settings beforehand and reconfigure them after the update.

2.3. About the error code

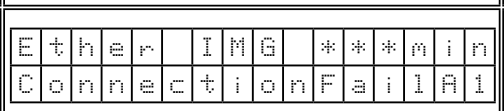
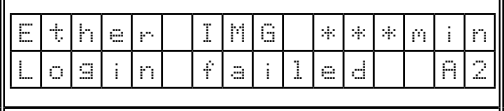
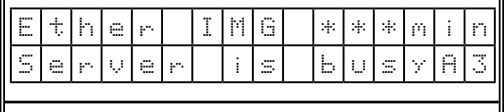
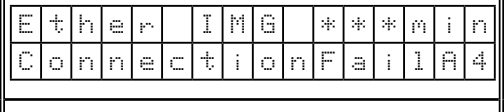
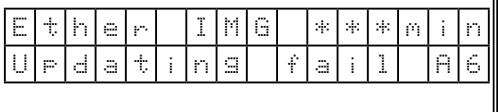
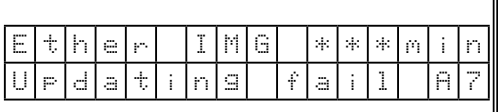
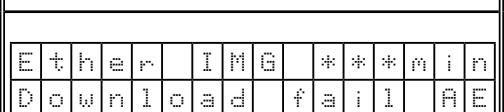
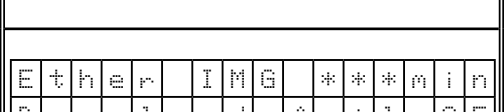
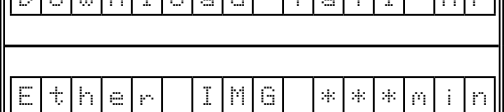
See the following table for details on the error code, details of the error code, display and coping strategies when updating the firmware from DPMS. (D&M Product Management Server).

Error Code	DPMS Update Error Display	Details of Error code	Coping strategies
01	Login failed 01	Failed to log in to DPMS.	Initialize the unit and try updating again. Update in an environment where there is a small network load.
02	Server is busy 02	Line etc. is congested when logging in to DPMS.	Update in an environment where there is a small network load.
03	Connection fail 03	Connection to DPMS failed.	Check the network connection. Update in an environment where there is a small network load.
04	Connection fail 04	Failed to obtain entire Firmware information.	Check the network connection. Update in an environment where there is a small network load.
05	Connection fail 05	Time Out while obtaining entire Firmware information.	Check the network connection. Update in an environment where there is a small network load.
06	Connection fail 06	Failed to obtain individual Firmware information.	Check the network connection. Update in an environment where there is a small network load.
07	Connection fail 07	Time Out while obtaining individual Firmware information.	Check the network connection. Update in an environment where there is a small network load.
08	Connection fail 08	Error notification received while requesting Firmware Info.	Check the network connection. Update in an environment where there is a small network load.
09	Connection fail 09	Time Out while obtaining Firmware information.	Check the network connection. Update in an environment where there is a small network load.
0A	Download fail 0A	Error(NG) notification received while requesting Firmware Download.	Check the network connection. Update in an environment where there is a small network load.
0B	Download fail 0B	Error(Server Busy) notification received while requesting Firmware Download.	Check the network connection. Update in an environment where there is a small network load.
0C	Download fail 0C	Error(Connect failure) notification received while requesting Firmware Download.	Check the network connection. Update in an environment where there is a small network load.
0D	Connection fail 0D	Received value with invalid Package Version.	Check the network connection. Update in an environment where there is a small network load.
0E	Connection fail 0E	Connection to DPMS failed. (Cannot get NTP)	Check the network connection. Update in an environment where there is a small network load.
10	Main ***min Updating fail 10	No Update Packet received from CX870 / CY920 (Time Out).	Turn on the power again. Update will start automatically.
11	Main ***min Updating fail 11	Abnormal data in Update Packet received from CX870 / CY920 (CRCError).	Turn on the power again. Update will start automatically.

Error Code	DPMS Update Error Display	Details of Error code	Coping strategies
12		Abnormal data in Update Packet received from CX870 / CY920 (Packet No Error).	Turn on the power again. Update will start automatically.
13		Block Erase failed before rewriting Main.	Turn on the power again. Update will start automatically.
14		Block Write failed while rewriting Main.	Turn on the power again. Update will start automatically.
15		Error in Verify after rewriting Main (Check Sum Error).	Turn on the power again. Update will start automatically.
16		Setup failure of the transfer method of XModem.	Check the network connection. Update in an environment where there is a small network load.
20		SBL Mode after IP Address acquisition failure (AutoIP).	Check the network connection. Update in an environment where there is a small network load.
21		SBL Mode after IP Address acquisition failure (Time Out).	Check the network connection. Update in an environment where there is a small network load.
22		Login incorrect notification SBL Mode after DPMS connection.	Initialize the unit and try updating again. Update in an environment where there is a small network load.
23		Server congestion notification SBL Mode after DPMS connection.	Update in an environment where there is a small network load.
24		Connection failure notification SBL Mode after DPMS connection.	Check the network connection. Update in an environment where there is a small network load.
25		Failed to transit to SBL Mode.	Initialize the unit and try updating again.
26		Error in Firmware Download (Time Out).	Check the network connection. Update in an environment where there is a small network load.
27		Failed to write to EEPROM after SBL Mode.	Initialize the unit and try updating again.
36		Login incorrect notification DPMS connection.	Update in an environment where there is a small network load.
37		Server congestion notification by DPMS connection.	Update in an environment where there is a small network load.
38		Connection failure notification DPMS connection.	Check the network connection. Update in an environment where there is a small network load.

Error Code	DPMS Update Error Display	Details of Error code	Coping strategies
39		Connect Time Out by DPMS connection.	Check the network connection. Update in an environment where there is a small network load.
3A		Error(NG) notification received while requesting Firmware Download.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
3B		Error(Server Busy) notification received while requesting Firmware Download.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
3C		Error(Connect failure) notification received while requesting Firmware Download.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
3D		SBL Mode after IP Address acquisition failure (AutoIP).	Check the network connection. Update in an environment where there is a small network load.
3E		SBL Mode after IP Address acquisition failure (Time Out).	Check the network connection. Update in an environment where there is a small network load.
3F		Failed to transit to SBL Mode.	Check the network connection. Update in an environment where there is a small network load.
50		Login incorrect notification DPMS connection.	Update in an environment where there is a small network load.
51		Server congestion notification by DPMS connection.	Update in an environment where there is a small network load.
52		Connection failure notification DPMS connection.	Check the network connection. Update in an environment where there is a small network load.
54		Error notification received while requesting Firmware Info.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
55		Time Out while obtaining Firmware information.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
56		Error(NG) notification received while requesting Firmware Download.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
57		Error(Server Busy) notification received while requesting Firmware Download.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
58		Error(Connect failure) notification received while requesting Firmware Download.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
5A		Invalid DeviceID in response or no response from Sub for C command.	Turn on the power again. Update will start automatically.

Error Code	DPMS Update Error Display	Details of Error code	Coping strategies
5B	Sub ***min Updating fail 5B	NACK received in response or no response from Sub for L command.	Turn on the power again. Update will start automatically.
5C	Sub ***min Updating fail 5C	No Update Packet received from CX870 / CY920 (Time Out).	Turn on the power again. Update will start automatically.
5D	Sub ***min Updating fail 5D	Abnormal data in Update Packet received from CX870 / CY920 (CRCError).	Turn on the power again. Update will start automatically.
5E	Sub ***min Updating fail 5E	Abnormal data in Update Packet received from CX870 / CY920 (PacketNoError).	Turn on the power again. Update will start automatically.
5F	Sub ***min Updating fail 5F	Setup failure of the transfer method of XModem.	Turn on the power again. Update will start automatically.
60	Sub ***min Updating fail 60	NACK received in response or no response from Sub for "P" command.	Turn on the power again. Update will start automatically.
61	Sub ***min UpdateCheckNG 61	Mismatched Check Sum in response or no response from Sub for "I" command.	Turn on the power again. Update will start automatically.
62	Sub ***min Updating fail 62	Failed to start up Sub in Power On sequence during Update.	Turn on the power again. Update will start automatically.
80	GUI ***min Updating fail 80	Write Enable Latch Bit not set in Read after issuing WREN command.	Turn on the power again. Update will start automatically.
81	GUI ***min Updating fail 81	Block Erase failed in Read after issuing BE command.	Turn on the power again. Update will start automatically.
82	GUI ***min Updating fail 82	No Update Packet received from CX870 / CY920 (Time Out).	Turn on the power again. Update will start automatically.
83	GUI ***min Updating fail 83	Abnormal data in Update Packet received from CX870 / CY920 (CRCError).	Turn on the power again. Update will start automatically.
84	GUI ***min Updating fail 84	Abnormal data in Update Packet received from CX870 / CY920 (PacketNoError).	Turn on the power again. Update will start automatically.
85	GUI ***min Updating fail 85	Setup failure of the transfer method of XModem.	Turn on the power again. Update will start automatically.
86	GUI ***min Updating fail 86	Mismatched Check Sum in Check Sum comparison after rewriting.	Turn on the power again. Update will start automatically.
A0	Ether IMG ***min ConnectionFail A0	IP Address acquisition failure (AutoIP).	Check the network connection. Update in an environment where there is a small network load.

Error Code	DPMS Update Error Display	Details of Error code	Coping strategies
A1		IP Address acquisition failure (Time Out).	Check the network connection. Update in an environment where there is a small network load.
A2		Login incorrect notification DPMS connection.	Check the network connection. Update in an environment where there is a small network load.
A3		Server congestion notification by DPMS connection.	Check the network connection. Update in an environment where there is a small network load.
A4		Connection failure notification DPMS connection.	Check the network connection. Update in an environment where there is a small network load.
A6		Error notification received while requesting Firmware Info.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
A7		Time Out while obtaining Firmware information.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
AE		Error(NG) notification received while requesting Firmware Download.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
AF		Error(Server Busy) notification received while requesting Firmware Download.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
B0		Error(Connect failure) notification received while requesting Firmware Download.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
B1		Error in Firmware Download (Time Out).	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
B2		Error notification received after rewriting CX870 / CY920 Firm.	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
B3		Error in Firmware Update (Time Out).	Turn on the power again. Update will start automatically. Update in an environment where there is a small network load.
B4		Failed to transit to Boot Loader Mode.	Initialize the unit and try updating again.
B5		Failed to transit to Application Mode.	Initialize the unit and try updating again.

Device display during firmware update

Display of target device during firmware update.

Target device	DPMS Update Display	Error code when an error occurs
Main CPU	L1 Main ***min L2 Updating ***%	10 - 16 36 - 3F
Sub	L1 Sub ***min L2 Updating ***%	50 - 52 54 - 58 5A - 62
Audio PLD	L1 APLD ***min L2 Updating ***%	50 - 52 54 - 58 5A - 62
VIDEO PLD	L1 VPLD ***min L2 Updating ***%	50 - 52 54 - 58 5A - 62
DSP	L1 DSP1 ***min L2 Updating ***% L1 DSP2 ***min L1 DSP3 ***min L1 DSP4 ***min	50 - 52 54 - 58 5A - 62
GUI Serial Flash	L1 GUI ***min L2 Updating ***%	50 - 52 54 - 58 5A 62 80 - 86
CX870 / CY920 second Boot Loader	L1 Ether SBL ***min L2 Updating ***%	A0 - A4 A6 - A7 AE - B5
CX870 / CY920 Image	L1 Ether IMG ***min L2 Updating ***%	A0 - A4 A6 - A7 AE - B5
CX870 / CY920 Image (Emergency Mode)	L1 Please wait... L2 Update retry	–

Checking the Firmware Version After an Update

After updating the firmware, check the version.

See "**1. Version Display Mode**" (19 page).

SURROUND MODES AND PARAMETERS

Sound modes and channel output

○ This indicates the audio output channels or surround parameters that can be set.
◎ This indicates the audio output channels. The output channels depend on the settings of “Speaker Config.” (☞ p. 218).

Sound mode	Channel output													
	Front L/R	Center	Surround L/R	Surround Back L/R	Front Wide L/R	Front Height L/R	Top Front L/R	Top Middle L/R	Top Rear L/R	Rear Height L/R	Front Dolby Atmos Enabled L/R	Surround Dolby Atmos Enabled L/R	Back Dolby Atmos Enabled L/R	Subwoofer
Direct/Pure Direct (2-channel)	○													◎∗7
Direct/Pure Direct (Multi-channel)	○	◎	◎	◎∗3	◎∗3	◎∗3								◎
DSD Direct (2-channel)	○													◎∗7
DSD Direct (Multi-channel)	○	◎	◎											◎
Stereo	○													◎
Multi Ch In	○	◎	◎	◎∗3										◎
Dolby Surround ∗1	○	◎	◎	◎∗4		◎	◎	◎	◎	◎	◎	◎	◎	◎
DTS Neo:X ∗2	○	◎	◎	◎∗5	◎∗5	◎∗5								◎
Audyssey DSX®	○	◎	◎		◎∗6	◎∗6								◎
Dolby Digital	○	◎	◎											◎
Dolby Digital Plus	○	◎	◎	◎∗3	◎∗3	◎∗3								◎
Dolby TrueHD	○	◎	◎	◎∗3	◎∗3	◎∗3								◎
Dolby Atmos	○	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
DTS Surround	○	◎	◎	◎										◎
DTS 96/24	○	◎	◎	◎										◎
DTS-HD	○	◎	◎	◎∗3	◎∗3	◎∗3								◎
DTS Express	○	◎	◎	◎										◎
Multi Ch Stereo	○	◎	◎	◎∗5	◎∗5	◎∗5	◎∗5	◎∗5	◎∗5	◎∗5				◎
Virtual	○													◎

∗1 The applicable sound mode includes “Dolby Surround” and sound modes that have “+Dolby Surround” in the sound mode name.
∗2 The applicable sound mode includes “DTS Neo:X” and sound modes that have “+Neo:X” in the sound mode name.
∗3 A signal for each channel contained in an input signal is output as audio.
∗4 Audio is not output when “Speaker Config.” - “Surr. Back” in the menu is set to “1 spkr”. (☞ p. 219)
∗5 Audio is output from the speakers specified in the “Surround Parameter” – “Speaker Select” settings. (☞ p. 170)
∗6 Audio is output from the speakers specified in the “Audyssey DSX®” settings. (☞ p. 176)
∗7 Audio is output when “Subwoofer Mode” in the menu is set to “LFE+Main”. (☞ p. 225)

Sound modes and surround parameters

Sound mode	Surround Parameter							
	Subwoofer Level Adjust	Cinema EQ	Loudness Management ∗1	Dynamic Compression ∗2	Low Frequency Effects ∗3	Speaker Select	Center Spread	Center Gain
Direct/Pure Direct (2-channel) ∗4	○∗5		○	○				
Direct/Pure Direct (Multi-channel) ∗4	○		○	○	○			
DSD Direct (2-channel)	○∗5							
DSD Direct (Multi-channel) ∗4	○				○			
Stereo	○		○	○				
Multi Ch In	○	○			○			
Dolby Surround	○	○	○	○			○	
DTS Neo:X	○	○	○	○		○		○
Audyssey DSX®	○	○	○	○	○			
Dolby Digital	○	○	○	○	○			
Dolby Digital Plus	○	○	○	○	○			
Dolby TrueHD	○	○	○	○	○			
Dolby Atmos	○	○	○	○	○			
DTS Surround	○	○		○	○			
DTS 96/24	○	○			○			
DTS-HD	○	○			○			
DTS Express	○	○			○			
Multi Ch Stereo	○		○	○	○	○		
Virtual	○		○	○	○			

Sound mode	Dialog Enhancer	Tone ∗6	Audyssey					M-DAX ∗9	Bass Sync ∗10
			MultEQ® XT32 ∗7	Dynamic EQ ∗8	Dynamic Volume ∗8	Audyssey LFC™ ∗8	Audyssey DSX®		
Direct/Pure Direct (2-channel) ∗4									
Direct/Pure Direct (Multi-channel) ∗4									
DSD Direct (2-channel)									
DSD Direct (Multi-channel) ∗4									
Stereo	○	○	○	○	○	○		○	
Multi Ch In	○	○	○	○	○	○	○		○
Dolby Surround	○	○	○	○	○	○		○	
DTS Neo:X	○	○	○	○	○	○		○	
Audyssey DSX®	○	○	○	○	○	○	○		○
Dolby Digital	○	○	○	○	○	○	○		○
Dolby Digital Plus	○	○	○	○	○	○	○		○
Dolby TrueHD	○	○	○	○	○	○	○		○
Dolby Atmos	○	○	○	○	○	○			○
DTS Surround	○	○	○	○	○	○	○		○
DTS 96/24	○	○	○	○	○	○	○		○
DTS-HD	○	○	○	○	○	○	○		○
DTS Express	○	○	○	○	○	○	○		○
Multi Ch Stereo	○	○	○	○	○	○		○	○
Virtual		○	○	○	○	○		○	○

∗1 This item can be selected when the Dolby Digital, Dolby Digital Plus, Dolby TrueHD or Dolby Atmos signal is played back.
∗2 This item can be selected when the Dolby Digital, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos or DTS is played back.
∗3 This item can be selected when a Dolby Digital or DTS signal or DVD-Audio is played.
∗4 During playback in Pure Direct mode, the surround parameters are the same as in Direct mode.
∗5 This setting is available when “Subwoofer Mode” in the menu is set to “LFE+Main”. (☞ p. 225)
∗6 This item cannot be set when “Dynamic EQ” is set to “On”. (☞ p. 174)
∗7 This item cannot be set when Audyssey® Setup (Speaker Calibration) has not been performed.
∗8 This item cannot be set when “MultEQ® XT32” in the menu is set to “Off”. (☞ p. 174)
∗9 This item can be set when the input signal is analog, PCM 48 kHz or 44.1 kHz.
∗10 This can be set when the LFE signal is included in the input signal.

Types of input signals, and corresponding sound modes

● This indicates the default sound mode.
○ This indicates the selectable sound mode.

Sound mode	NOTE	2-channel signal				Multi-channel signal										
		Analog / PCM	Dolby Digital (+/HD)	DTS (-HD)	DSD (Super Audio CD)	PCM Multi	DTS-HD	DTS Express	DTS ES Dscrt6.1	DTS ES Mtrx6.1	DTS	Dolby Atmos	Dolby TrueHD	Dolby Digital Plus	Dolby Digital (EX)	DSD (Super Audio CD)
DTS Surround																
DTS-HD MSTR							●∗3									
DTS-HD HI RES							●∗4									
DTS ES Dscrt6.1	∗1								●							
DTS ES Mtrx6.1	∗1									●						
DTS Surround									○	○	●					
DTS 96/24											●∗5					
DTS(-HD) + Dolby Surround							○	○	○	○	○					
DTS Express								●								
DTS(-HD) + Neo:X	∗2						○	○	○	○	○					
DTS Neo:X		○	○	●	○											
Dolby Surround																
Dolby Atmos												●				
Dolby TrueHD												○∗6	○			
Dolby Digital+												○∗7		○		
Dolby(D+)(HD) + Dolby Surround													●	●	●	
Dolby Digital															○	
Dolby(D)(D+)(HD) + Neo:X	∗2											○∗8	○	○	○	
Dolby Surround		○	●	○	○											

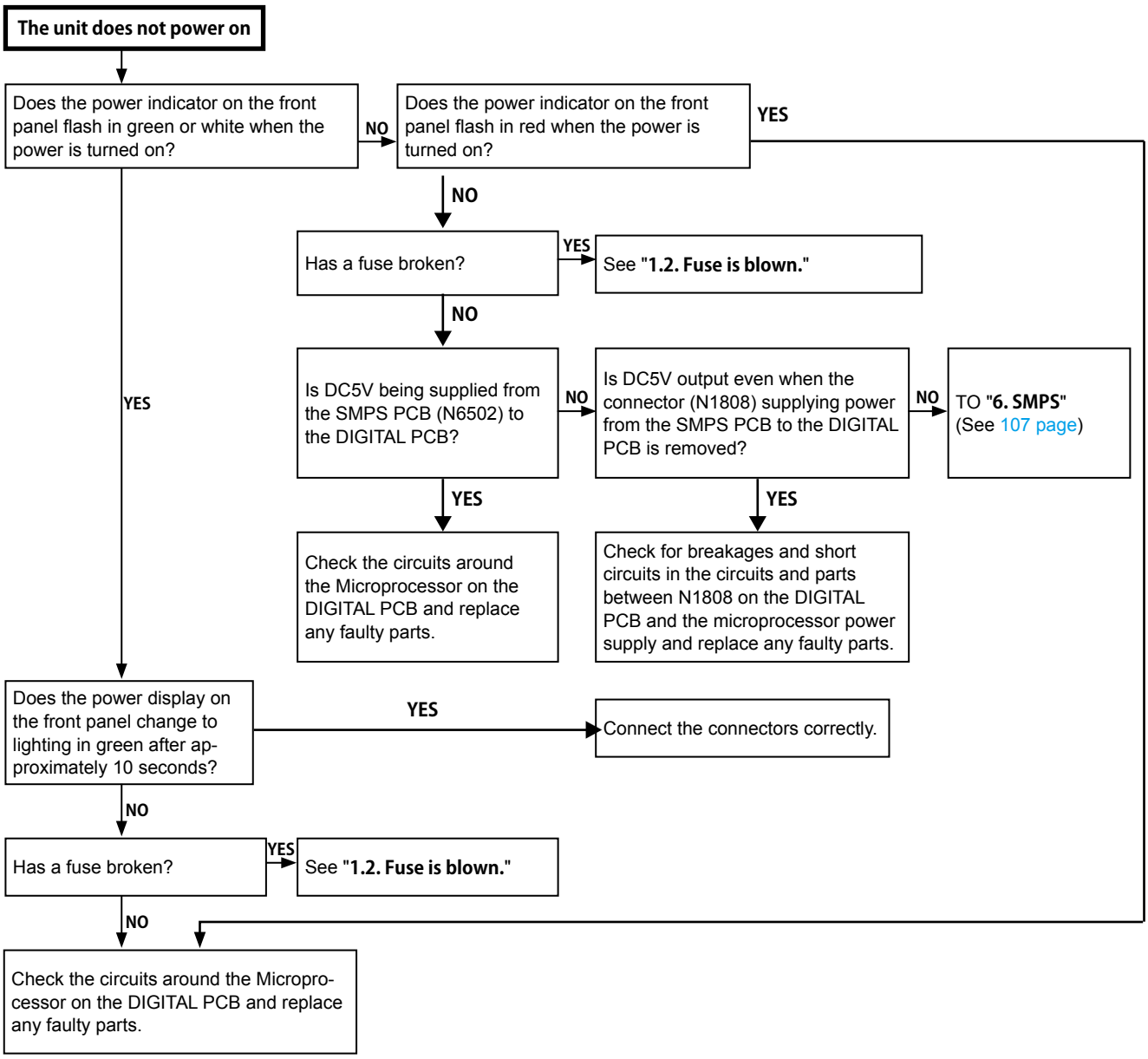
Sound mode	NOTE	2-channel signal				Multi-channel signal										
		Analog /PCM	Dolby Digital (+/HD)	DTS (-HD)	DSD (Super Audio CD)	PCM Multi	DTS-HD	DTS Express	DTS ES Dscrt6.1	DTS ES Mtrx6.1	DTS	Dolby Atmos	Dolby TrueHD	Dolby Digital Plus	Dolby Digital (EX)	DSD (Super Audio CD)
Multi Ch In																
Multi Ch In						●										●
Multi Ch In + Dolby Surround						○										○
Multi Ch In + Neo:X	∗2					○										○
Multi Ch In 7.1	∗1					●∗10										
Audyssey																
Audyssey DSX®						○	○	○	○	○	○	○∗8	○	○	○	○
Direct																
Direct		○∗9	○	○		○	○	○	○	○	○	○	○	○	○	
DSD Direct					○											○
Pure Direct																
Pure Direct		○	○	○		○	○	○	○	○	○	○	○	○	○	
DSD Pure Direct					○											○
Original sound mode																
Multi Ch Stereo		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Virtual		○	○	○	○	○	○	○	○	○	○	○∗8	○	○	○	○
Stereo																
Stereo		●	○	○	●	○	○	○	○	○	○	○	○	○	○	○

∗1 This item can be selected when surround back speakers are used.
∗2 The “Cinema” mode, “Music” mode or “Game” mode can be selected. This item can be selected when using any of the surround back, front height or front wide speaker.
∗3 This item can be selected when the input signal is DTS-HD Master Audio.
∗4 This item can be selected when the input signal is DTS-HD Hi Resolution.
∗5 This item can be selected when the input signal is DTS 96/24.
∗6 This can be selected when the Dolby Atmos signal contains the Dolby TrueHD signal.
∗7 This can be selected when the Dolby Atmos signal contains the Dolby Digital Plus signal.
∗8 This can be selected when the Dolby Atmos signal contains the Dolby TrueHD or Dolby Digital Plus signal.
∗9 The default sound mode for the AirPlay playback is “Direct”.
∗10 This item can be selected when the input signals contain surround back signals.

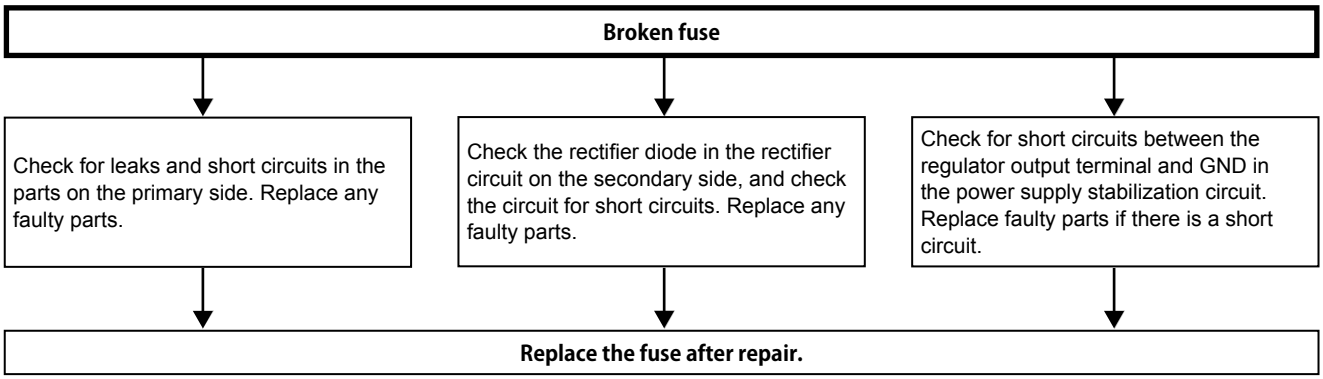
TROUBLE SHOOTING

1. POWER

1.1. The unit does not power on



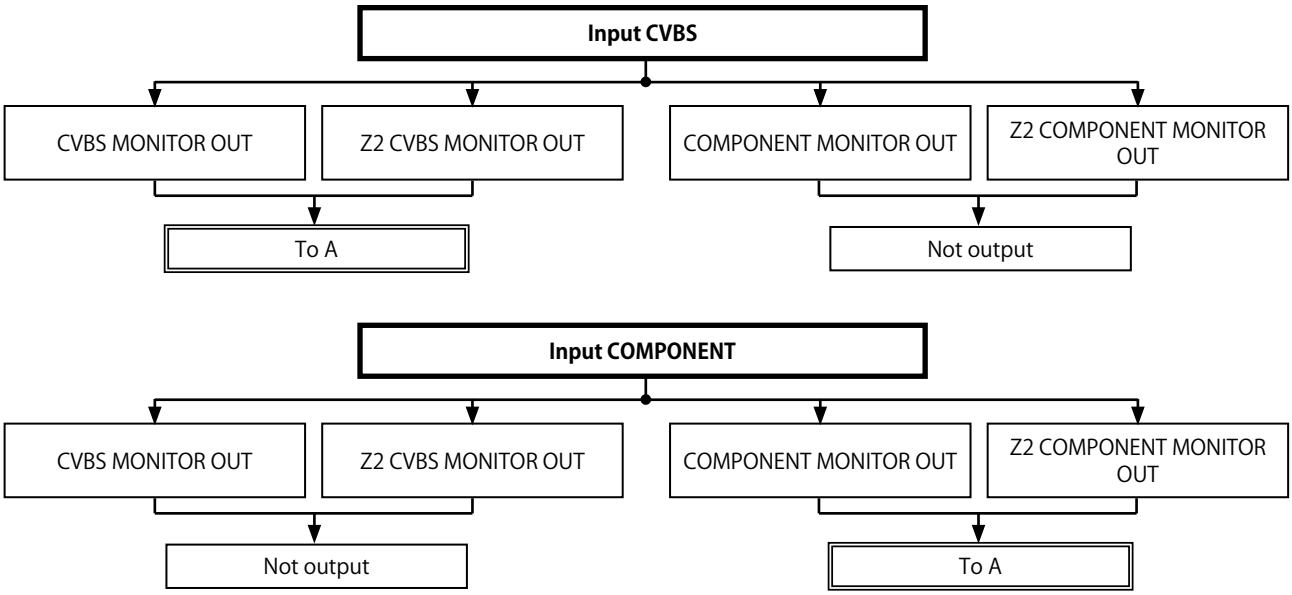
1.2. Fuse is blown



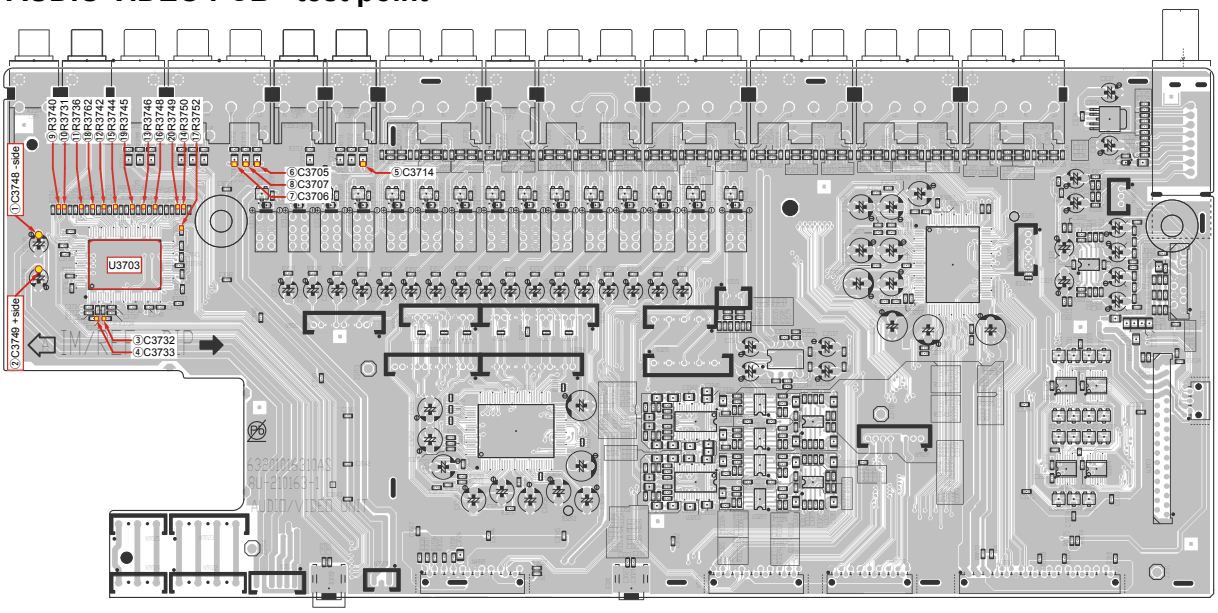
2. Analog video

※ Function is set to CBL/SAT.

※ ZONE2 is set to POWER ON (functin CBL/SAT).



<AUDIO VIDEO PCB> test point



A

Extend DIGITAL UNIT using a jig

Check power supply voltage.
AUDIO/VIDEO PCB
V +3.3V : C3748 + ①
V –5V : C3749 – ②
(See 95 page)

NO → Defective connection of N9014.
Power supply IC flaw.
XLROUT PCB
U6203(V+3.3V), U6204(V–5V)

YES

Check the I2C control signal of video selector IC (U3703)
CONNECT-2 PCB
I2C(SCL) : C3732 ③
I2C(SDA) : C3733 ④
see sample waveform

NO → Defective connection of the connector.
N5909 or N5910
DIGITAL UNIT flaw.

YES

Check the input signal to video selector IC (U3703)

V : C3714 ⑤
Component-Y : C3705 ⑥
Component-Cb : C3706 ⑦
Component-Cr : C3707 ⑧

NO → Input terminal (K3503 / K3501) or the parts of between video select IC (U3703) flaw.

YES

Check the output signal from video selector IC (U3703)

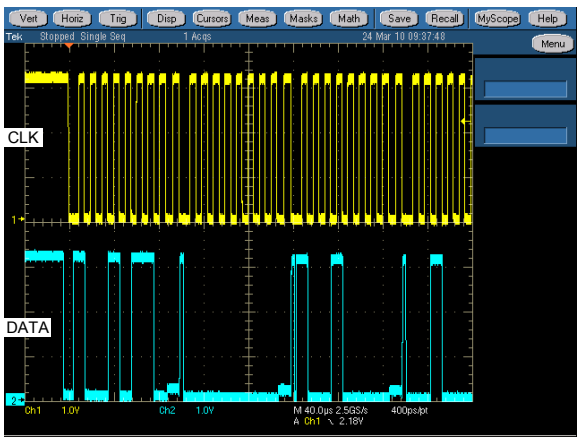
V (to Monitor out) : R3740 ⑨
V (to Z2 Monitor out) : R3731 ⑩
V (to DIGITAL PCB) : R3736 ⑪
Component-Y (to Monitor out) : R3742 ⑫
Component-Cb (to Monitor out) : R3746 ⑬
Component-Cr (to Monitor out) : R3750 ⑭
Component-Y (to DIGITAL PCB) : R3744 ⑮
Component-Cb (to DIGITAL PCB) : R3748 ⑯
Component-Cr (to DIGITAL PCB) : R3752 ⑰
Component-Y (to Z2 Monitor out) : R3762 ⑱
Component-Cb (to Z2 Monitor out) : R3745 ⑲
Component-Cr (to Z2 Monitor out) : R3749 ⑳

NO → Video selector IC (U3703) flaw.

YES

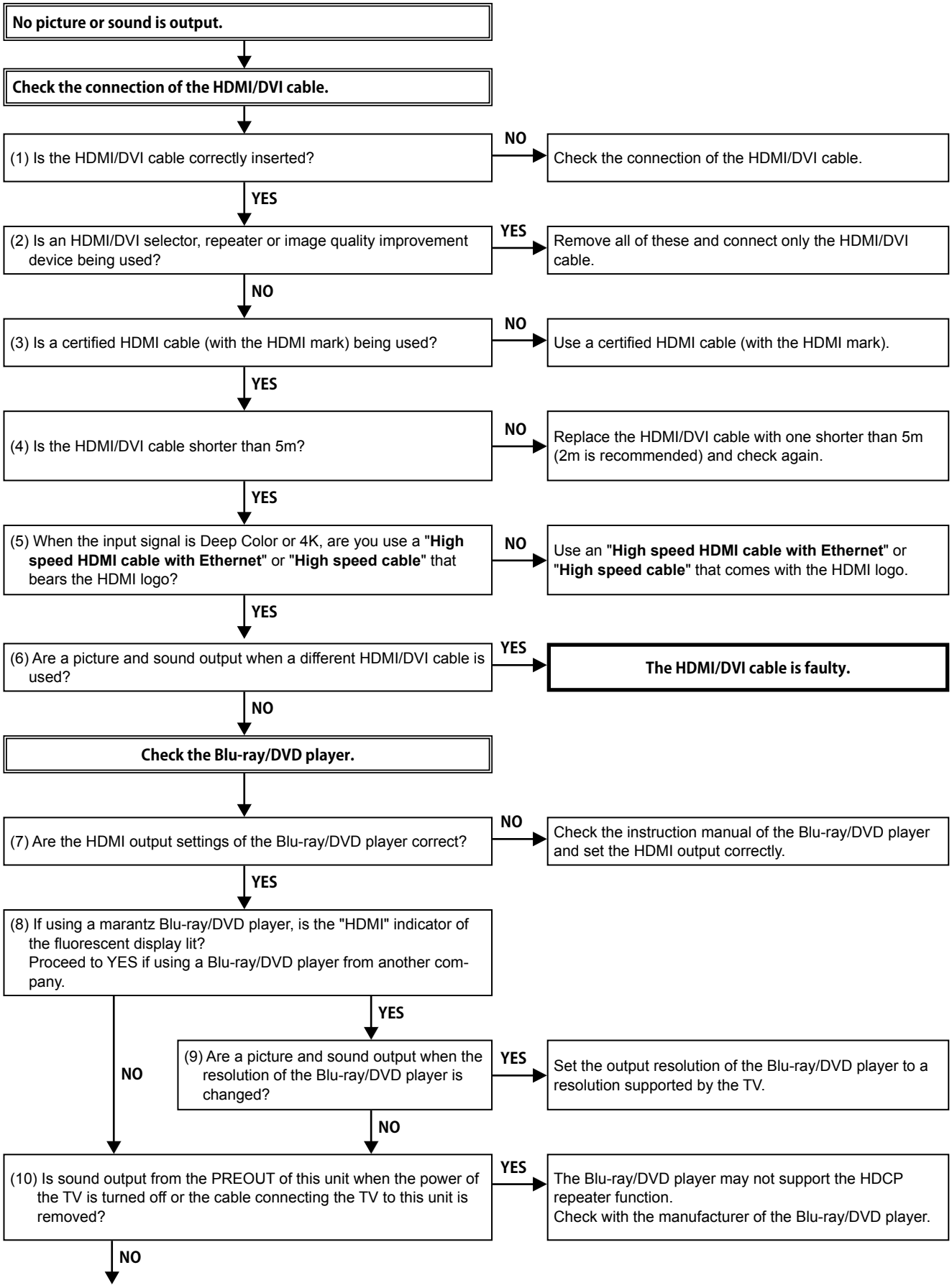
Output terminal (K3503 or 3502) flaw .
Defective connection of TV Monitor or TV Monitor flaw

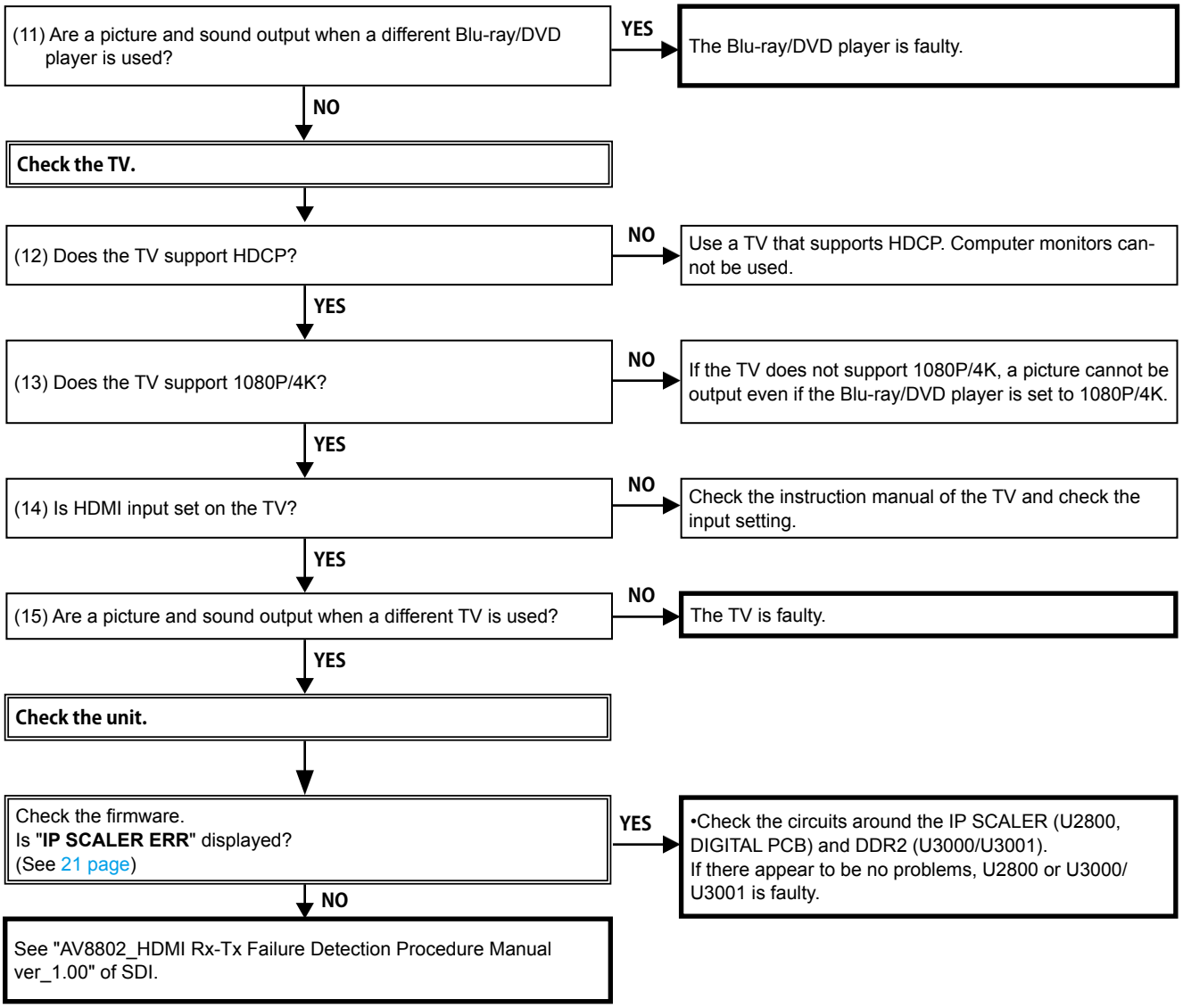
I2C communication wave form (sample)



3. HDMI/DVI

3.1. No picture or sound is output (HDMI to HDMI)




(11) Are a picture and sound output when a different Blu-ray/DVD player is used?
YES
The Blu-ray/DVD player is faulty.
NO
Check the TV.
(12) Does the TV support HDCP?
NO
Use a TV that supports HDCP. Computer monitors cannot be used.
YES
(13) Does the TV support 1080P/4K?
NO
If the TV does not support 1080P/4K, a picture cannot be output even if the Blu-ray/DVD player is set to 1080P/4K.
YES
(14) Is HDMI input set on the TV?
NO
Check the instruction manual of the TV and check the input setting.
YES
(15) Are a picture and sound output when a different TV is used?
NO
The TV is faulty.
YES
Check the unit.
Check the firmware.
Is "IP SCALER ERR" displayed?
(See 21 page)
YES
•Check the circuits around the IP SCALER (U2800, DIGITAL PCB) and DDR2 (U3000/U3001).
If there appear to be no problems, U2800 or U3000/U3001 is faulty.
NO
See "AV8802_HDMI Rx-Tx Failure Detection Procedure Manual ver_1.00" of SDI.

4. AUDIO

4.1. AUDIO CHECK

No audio output

See"Audio Check PATH" (109 page).

CHECK1	INPUT	SURROND MODE	SOURCE
Audio output OK?	ANALOG 2CH	DIRECT	ANALOG

NO → Check the ANALOG AUDIO BLOCK

YES

CHECK2	INPUT	SURROND MODE	SOURCE
Audio output OK?	COAX or OPT	Don't care	Legacy (PCM or DolbyDigital or dts…)

NO → Check the DIGITAL AUDIO BLOCK

YES

CHECK3	INPUT	SURROND MODE	SOURCE
Audio output OK?	ANALOG 2CH	MULTICH STEREO	ANALOG

NO → Check the ADC BLOCK

YES

CHECK4	INPUT	SURROND MODE	SOURCE
Audio output OK?	HDMI	Don't care	Legacy (PCM2ch or DolbyDigital or dts…)

NO → Check the HDMI BLOCK

YES

CHECK5	INPUT	SURROND MODE	SOURCE
Audio output OK?	HDMI	Don't care	HBR audio (DolbyTrueHD or dtsHD MA)

YES (DIGITAL AUDIO BLOCK is OK) → Check for other causes

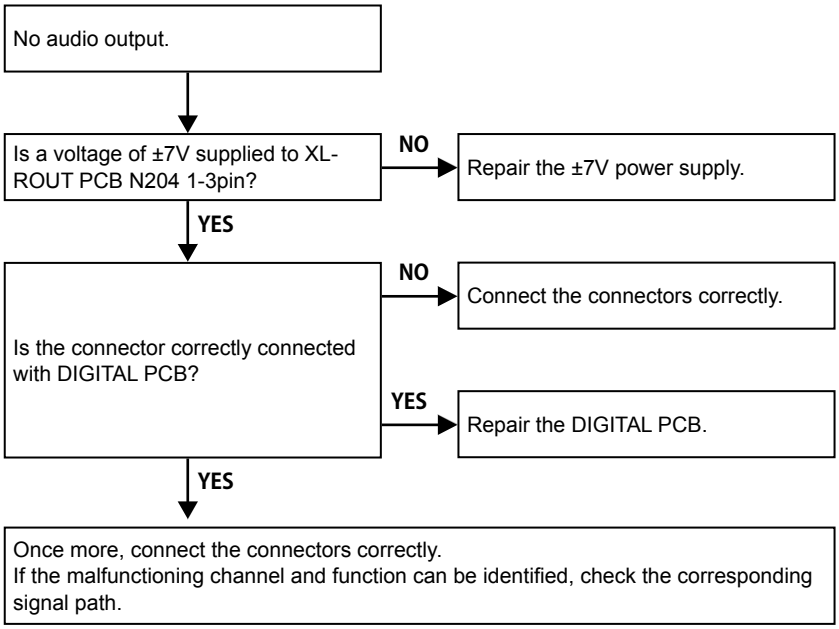
NO

CHECK6	INPUT	Connect	
AVR's (connected in HDMI) audio output OK?	HDMI	This unit's HDMI OUT → Other AVR's HDMI IN	
	Setting	SURROND MODE	SOURCE
	CEC STANDBY	Don't care	HBR audio (DolbyTrueHD or dtsHD MA)

YES → Check the DIGITAL AUDIO BLOCK

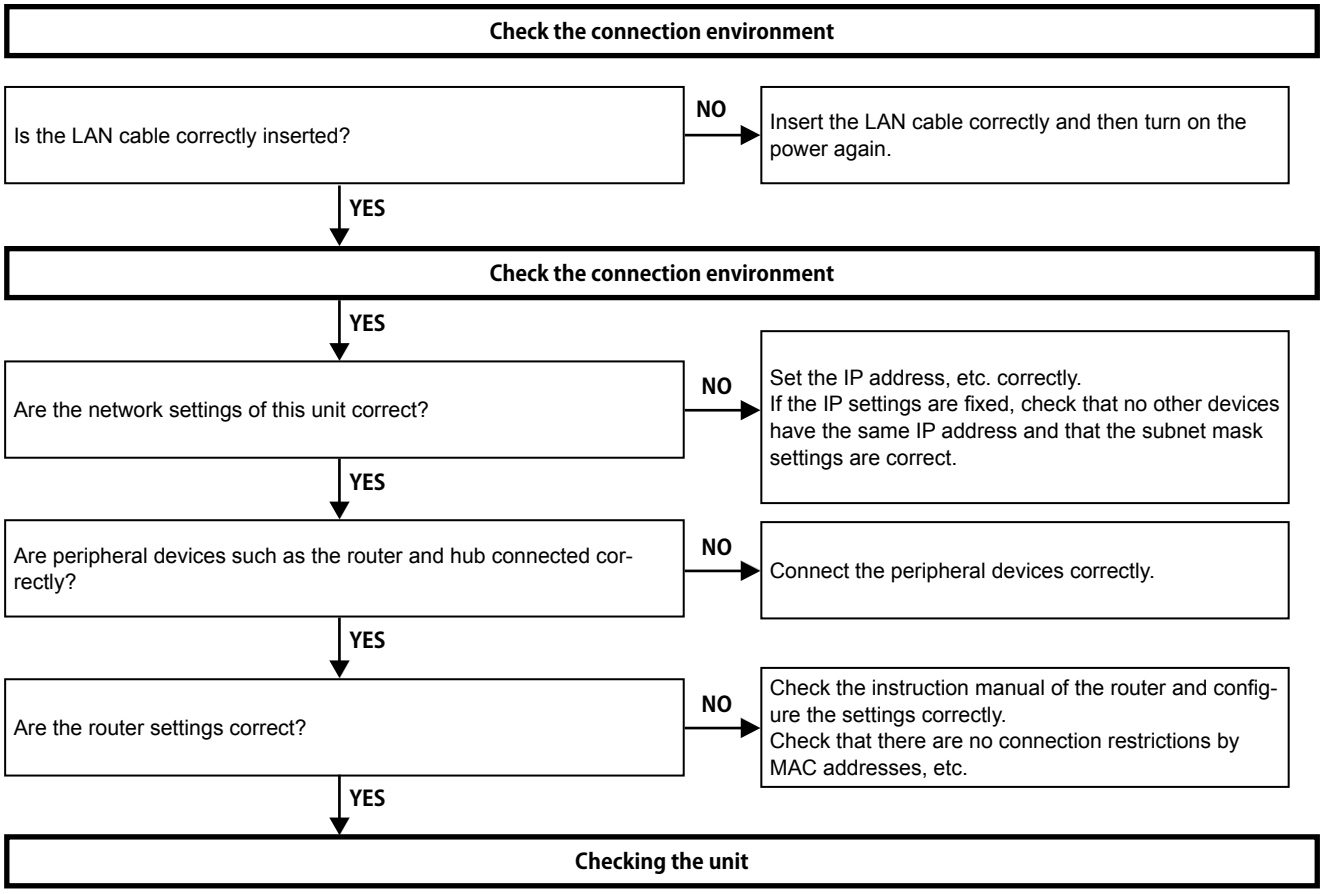
NO → Check the HDMI BLOCK

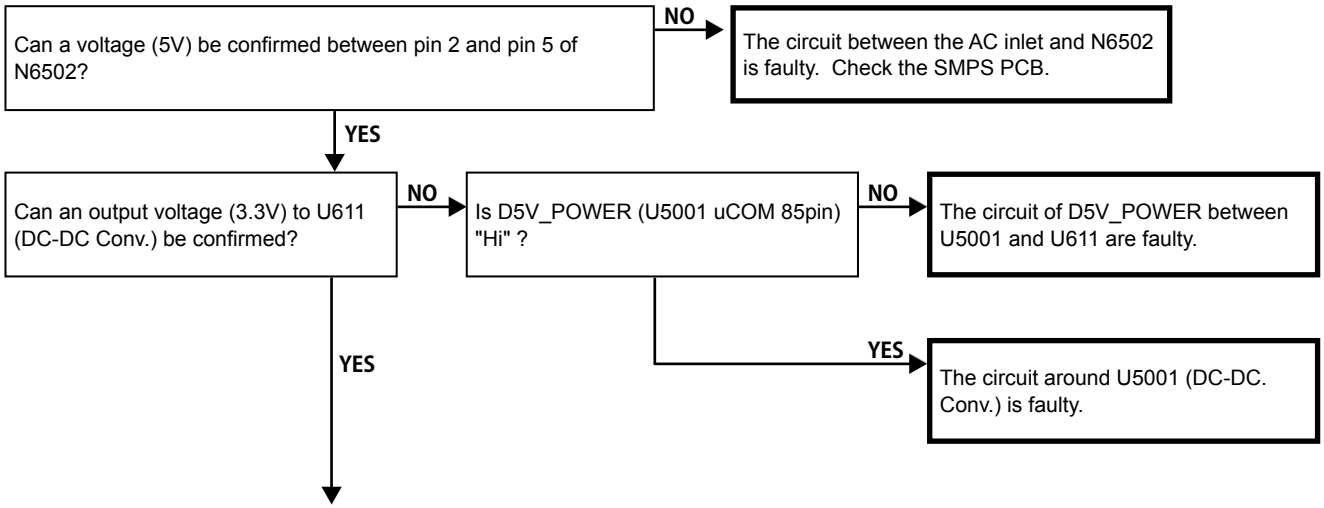
4.2. Analog audio

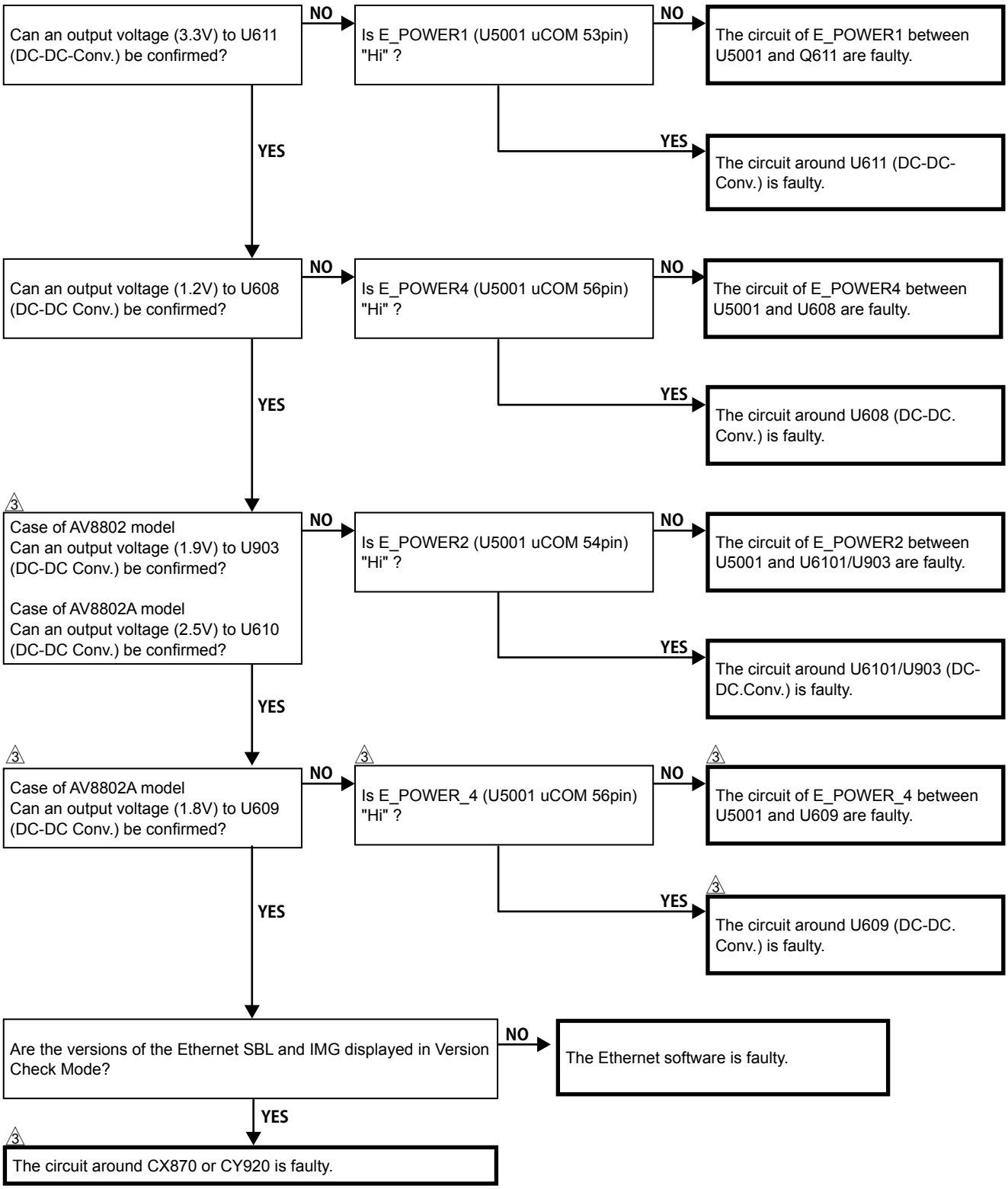


5. Network/Bluetooth/USB

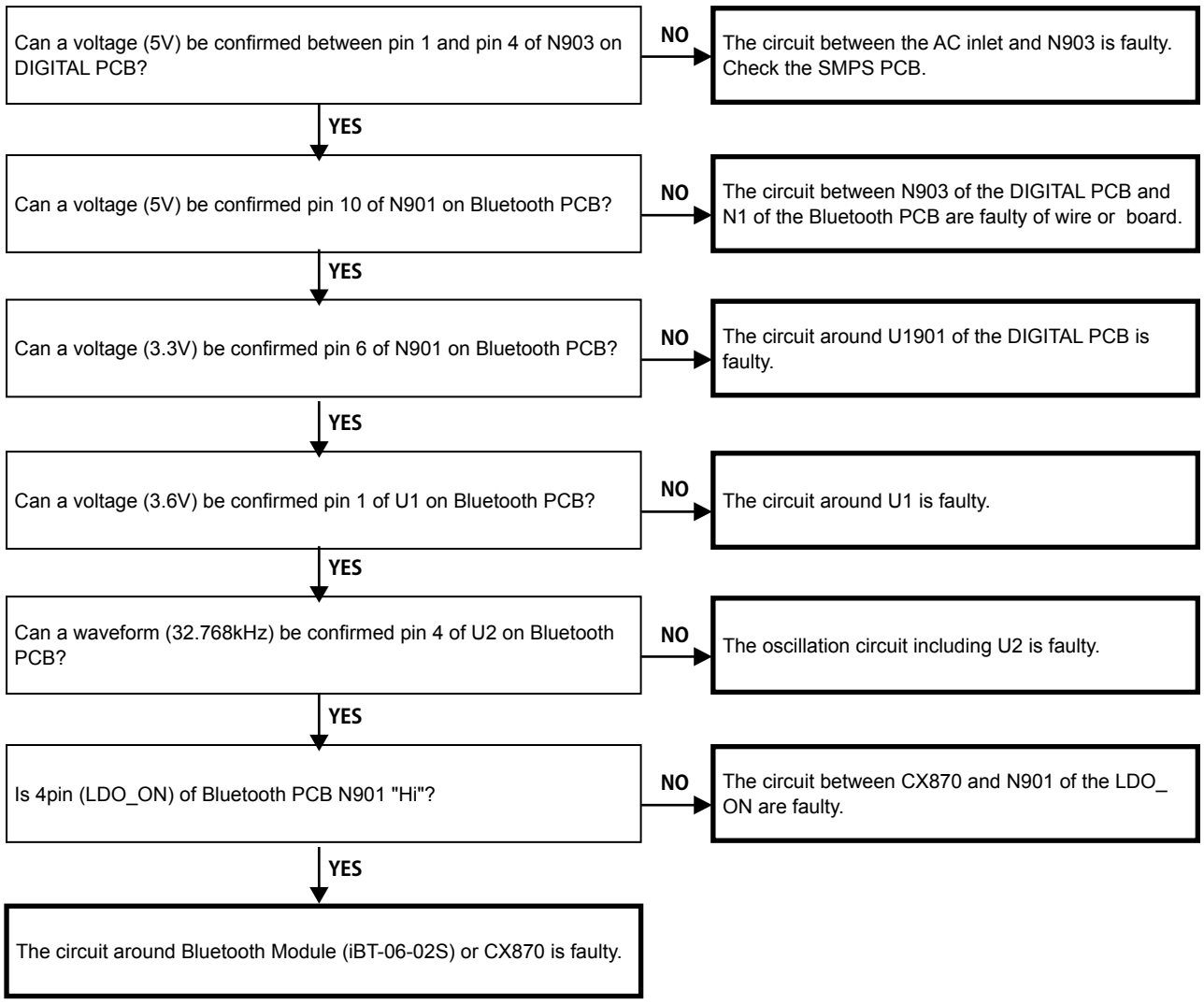
5.1. Cannot connect to the network



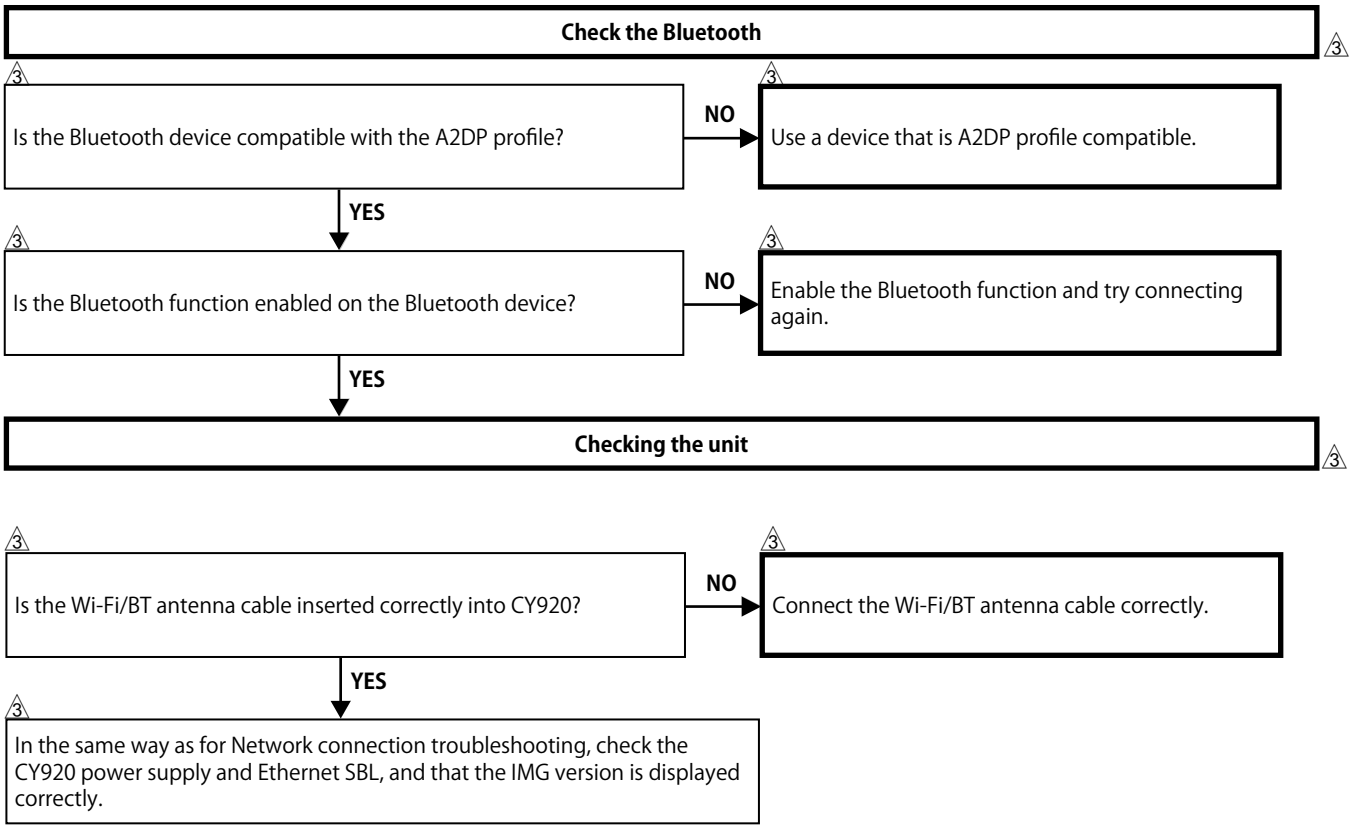



Can an output voltage (3.3V) to U611 (DC-DC-Conv.) be confirmed?
NO
Is E_POWER1 (U5001 uCOM 53pin) "Hi" ?
NO
The circuit of E_POWER1 between U5001 and Q611 are faulty.
YES
The circuit around U611 (DC-DC-Conv.) is faulty.
YES
Can an output voltage (1.2V) to U608 (DC-DC Conv.) be confirmed?
NO
Is E_POWER4 (U5001 uCOM 56pin) "Hi" ?
NO
The circuit of E_POWER4 between U5001 and U608 are faulty.
YES
The circuit around U608 (DC-DC. Conv.) is faulty.
YES
3
Case of AV8802 model
Can an output voltage (1.9V) to U903 (DC-DC Conv.) be confirmed?
Case of AV8802A model
Can an output voltage (2.5V) to U610 (DC-DC Conv.) be confirmed?
NO
Is E_POWER2 (U5001 uCOM 54pin) "Hi" ?
NO
The circuit of E_POWER2 between U5001 and U6101/U903 are faulty.
YES
The circuit around U6101/U903 (DC-DC.Conv.) is faulty.
YES
3
Case of AV8802A model
Can an output voltage (1.8V) to U609 (DC-DC Conv.) be confirmed?
NO
3
Is E_POWER_4 (U5001 uCOM 56pin) "Hi" ?
NO
3
The circuit of E_POWER_4 between U5001 and U609 are faulty.
YES
3
The circuit around U609 (DC-DC. Conv.) is faulty.
YES
Are the versions of the Ethernet SBL and IMG displayed in Version Check Mode?
NO
The Ethernet software is faulty.
YES
3
The circuit around CX870 or CY920 is faulty.

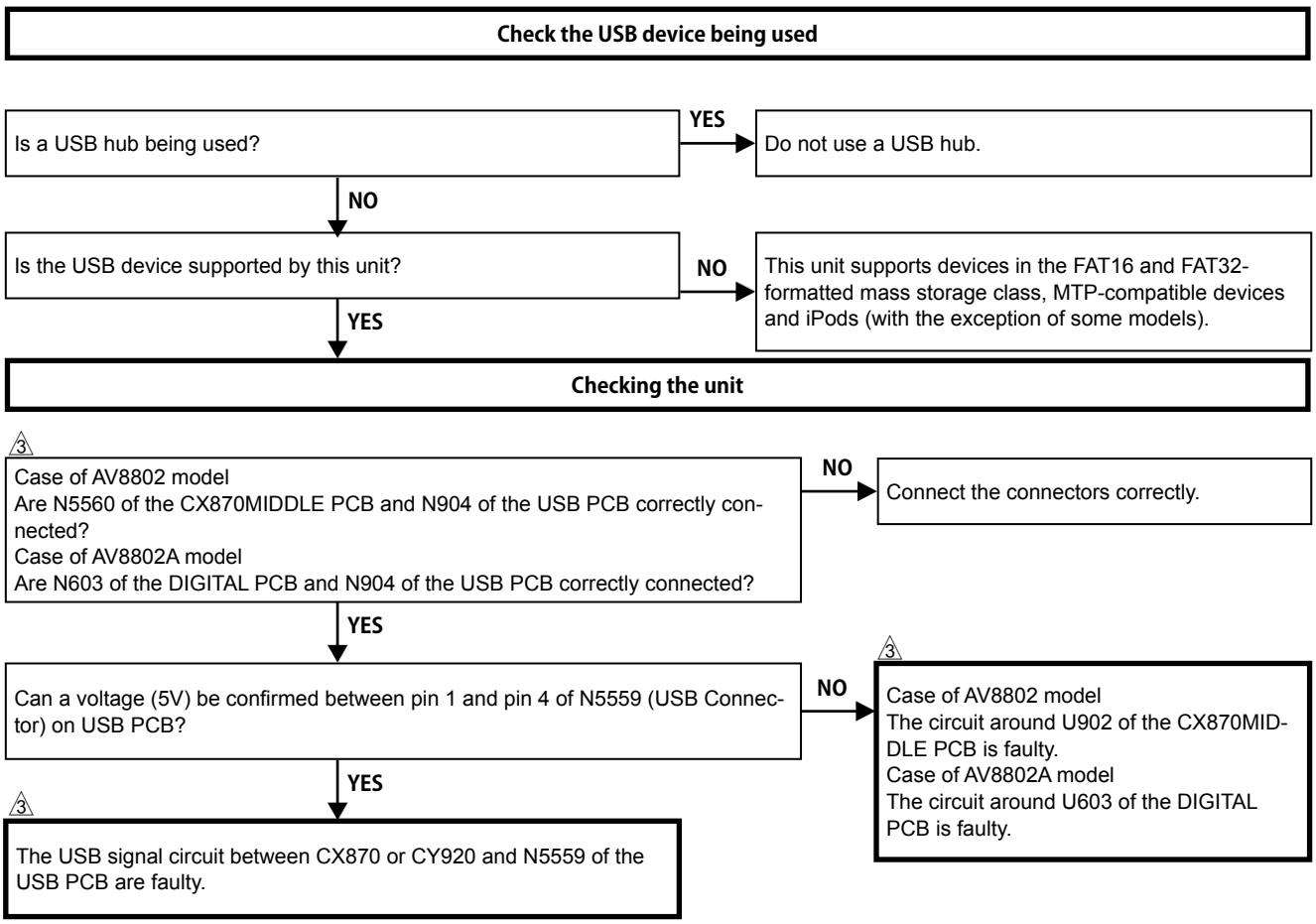
5.2.1. Cannot connect to the Bluetooth (Case of AV8802 model)



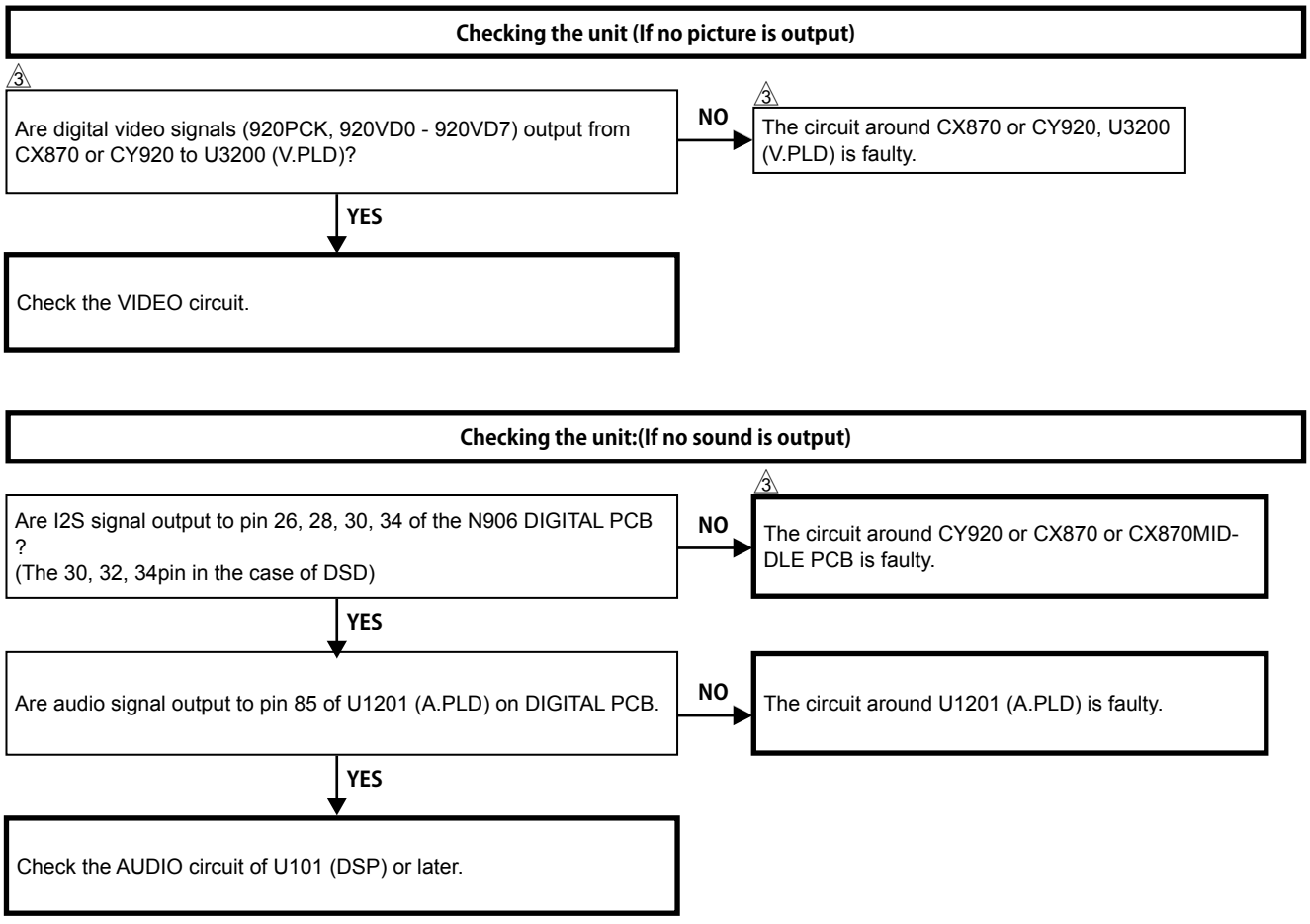
5.2.2. Cannot connect to the Bluetooth (Case of AV8802A model) △3



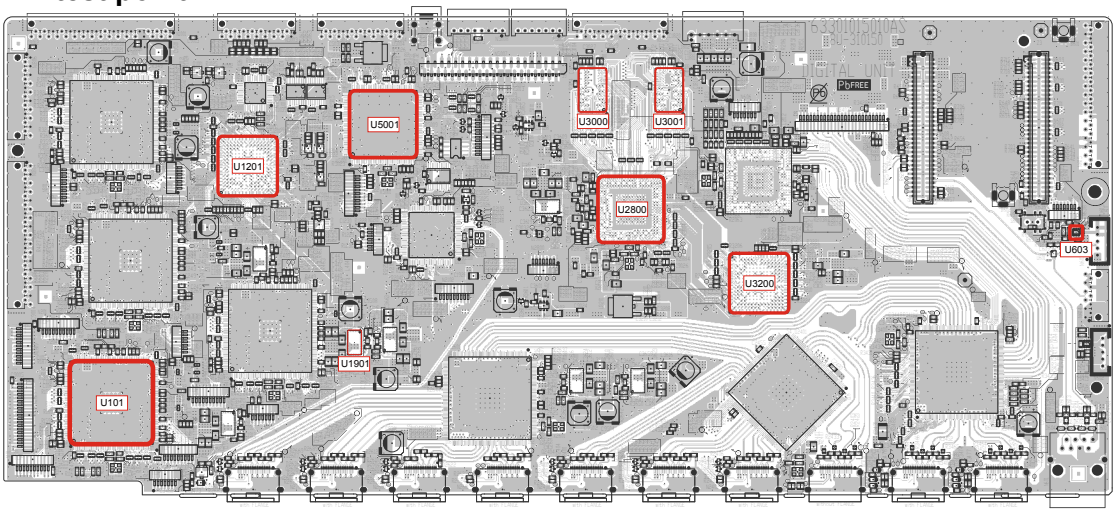
5.3. A connected USB device is not recognized.



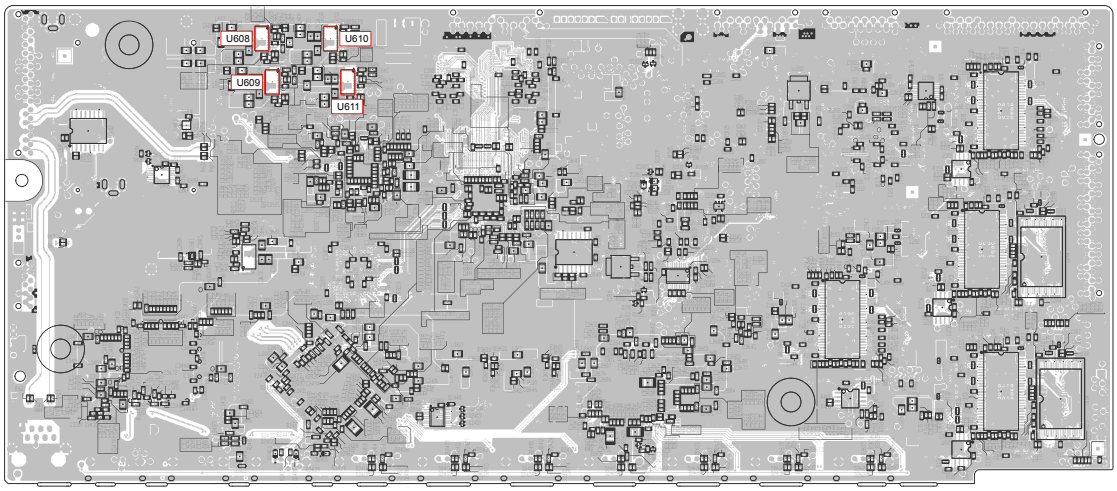
5.4. No picture or sound is output



DIGITAL test point

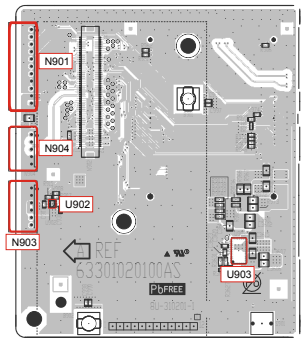


(A SIDE)

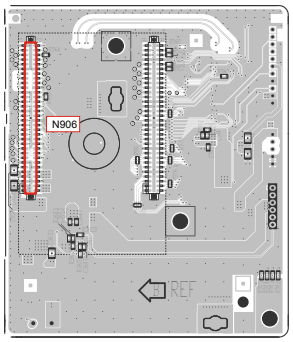


(B SIDE)

CX870 CONNECT test point (AV8802 ONLY)

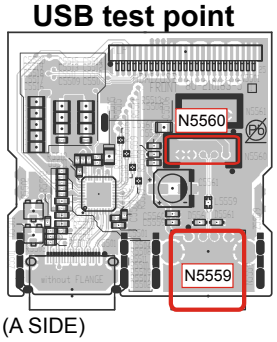


(A SIDE)



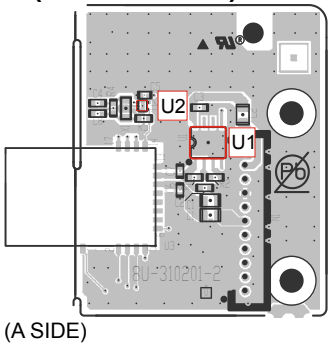
(B SIDE)

USB test point



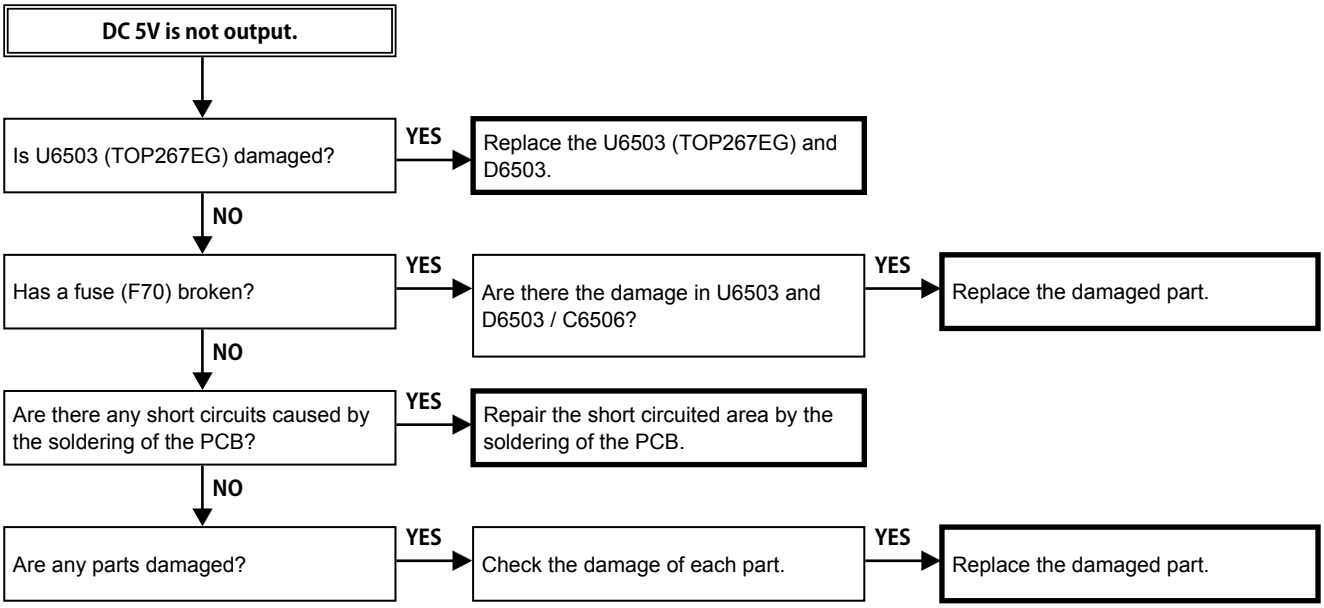
(A SIDE)

Bluetooth test point (AV8802 ONLY)

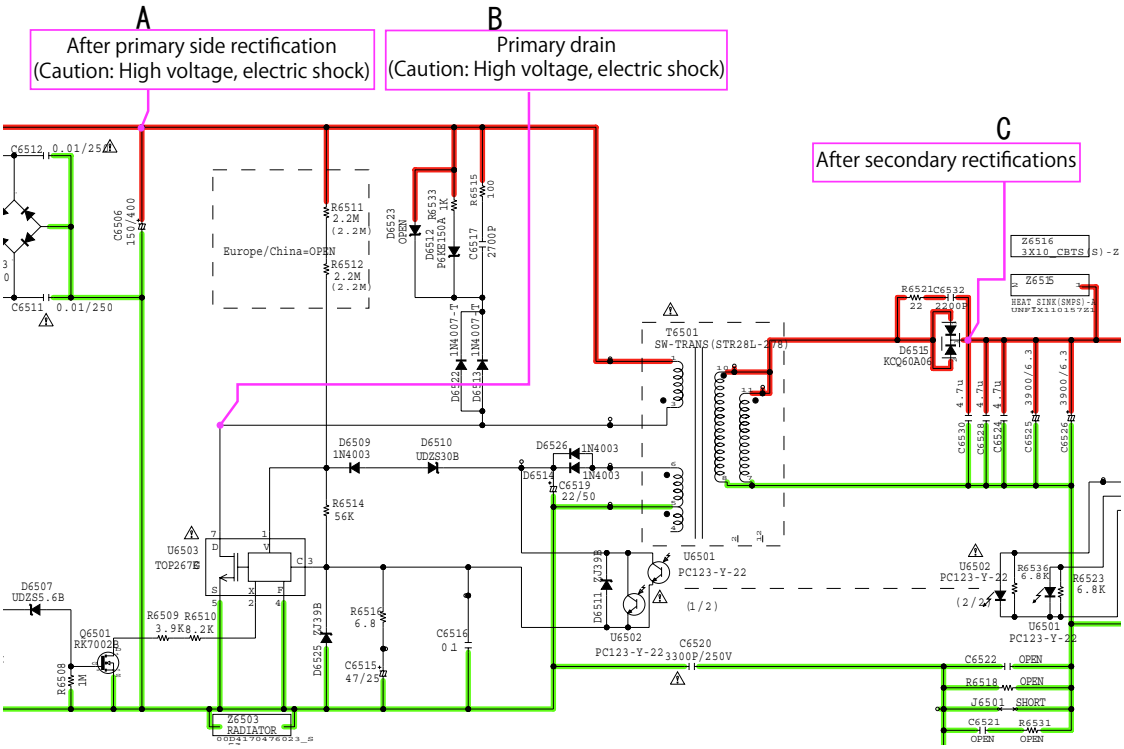


(A SIDE)

6. SMPS

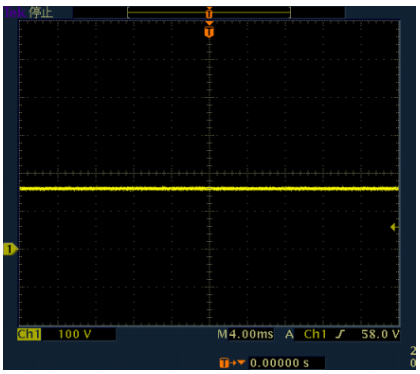

DC 5V is not output.
Is U6503 (TOP267EG) damaged?
YES
Replace the U6503 (TOP267EG) and D6503.
NO
Has a fuse (F70) broken?
YES
Are there the damage in U6503 and D6503 / C6506?
YES
Replace the damaged part.
NO
Are there any short circuits caused by the soldering of the PCB?
YES
Repair the short circuited area by the soldering of the PCB.
NO
Are any parts damaged?
YES
Check the damage of each part.
YES
Replace the damaged part.

Operation waveform for each part

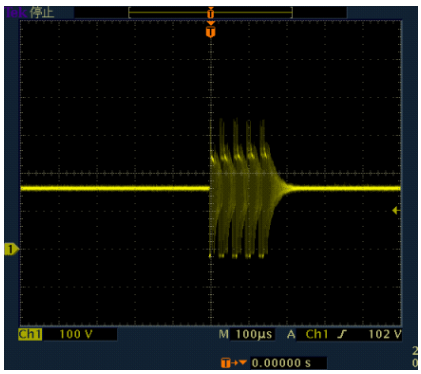


SMPS unit
(Unloaded)

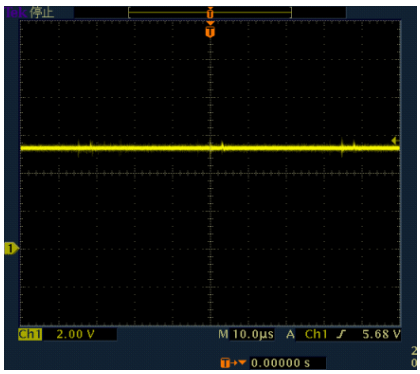
A



B

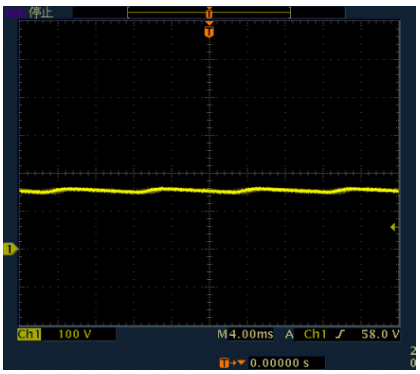


C

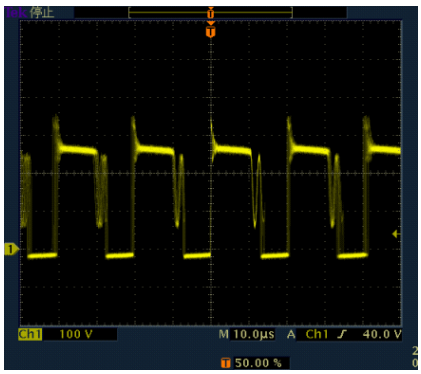


Set

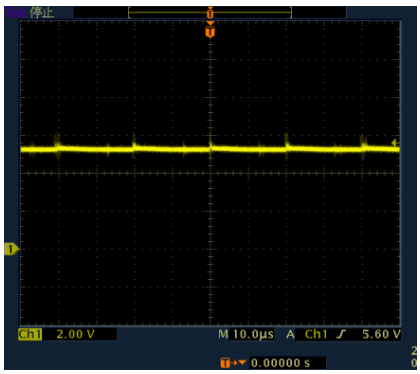
A



B

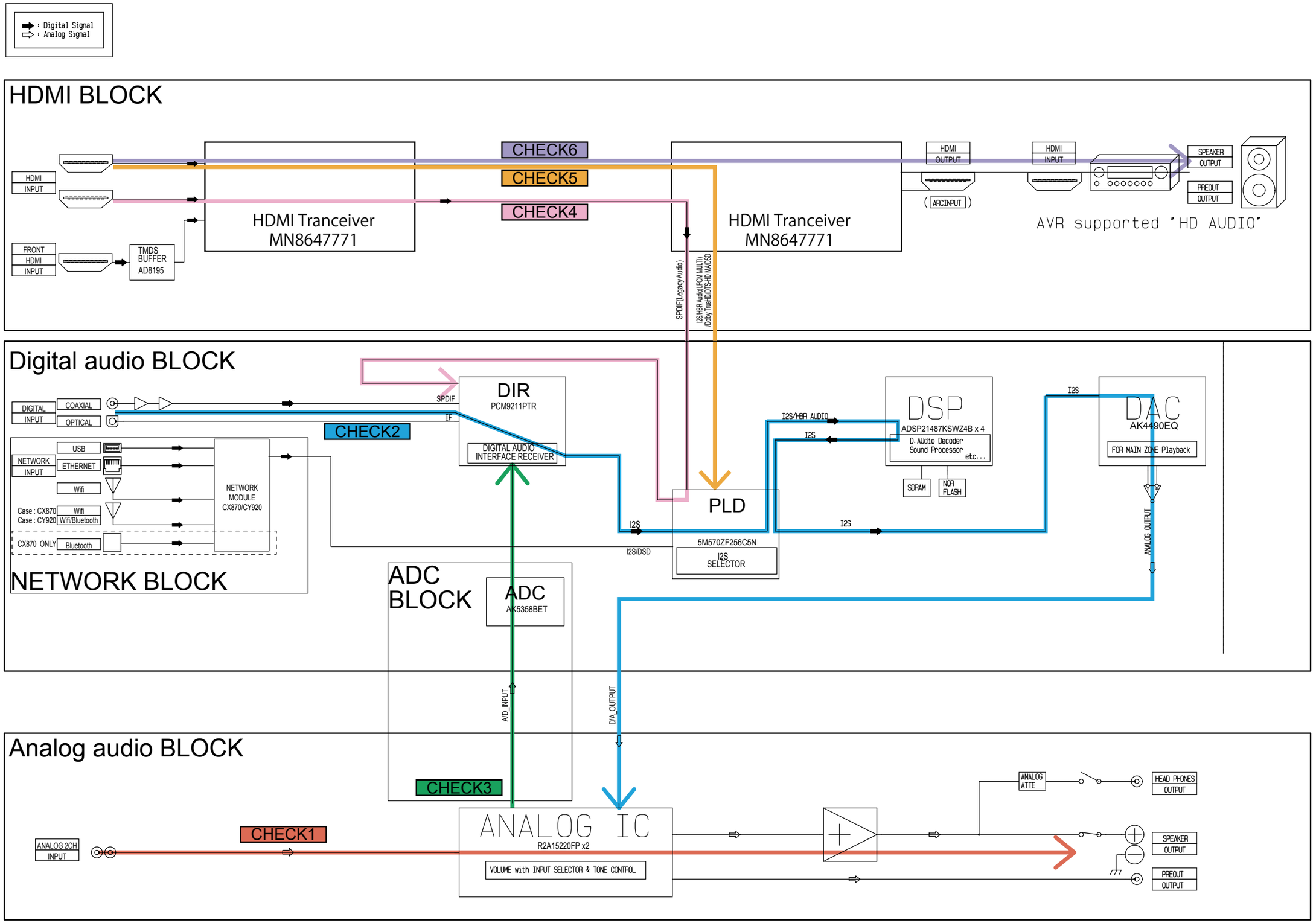


C



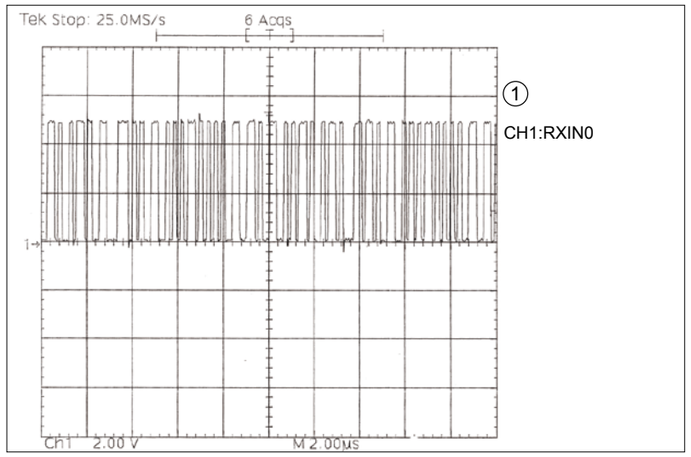
AUDIO CHECK PASS

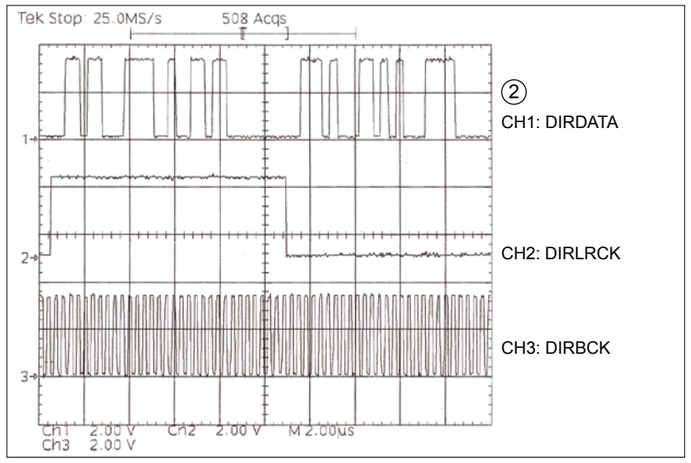
See troubleshooting "**4.1. AUDIO CHECK**"(99 page).

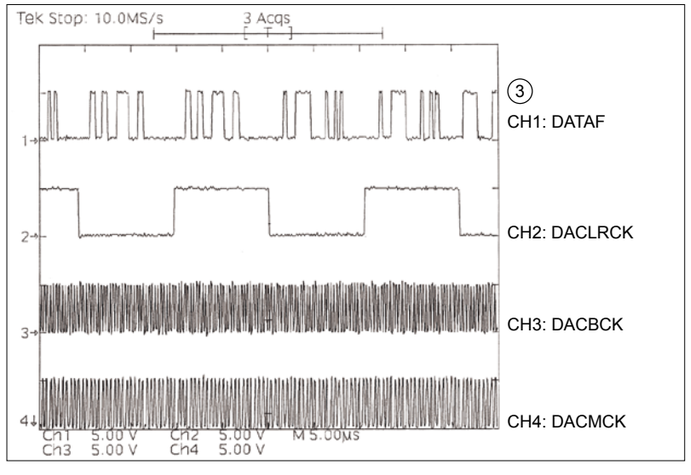


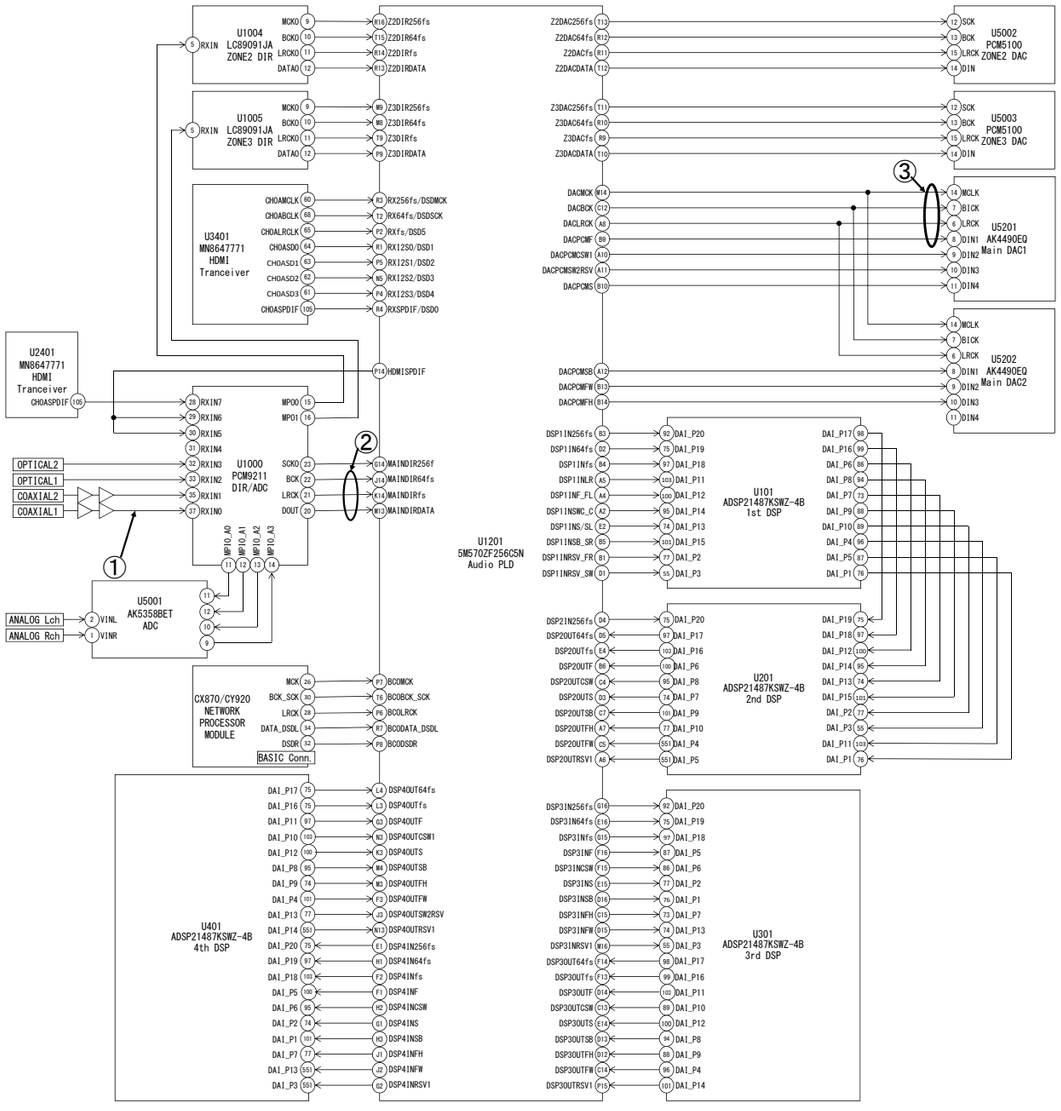
CLOCK FLOW & WAVE FORM IN DIGITAL BLOCK

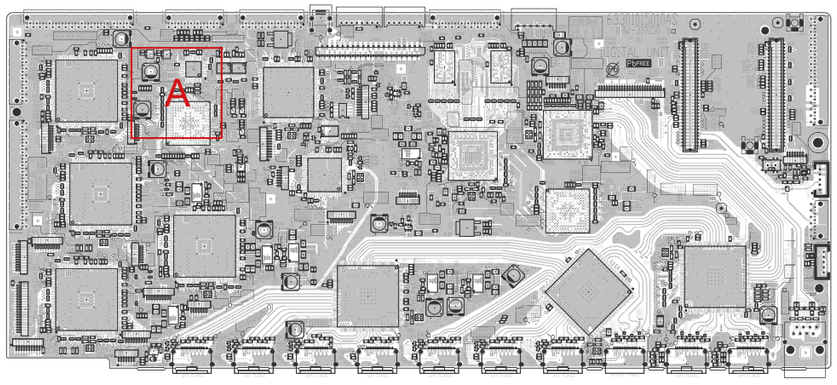
WAVE FORM



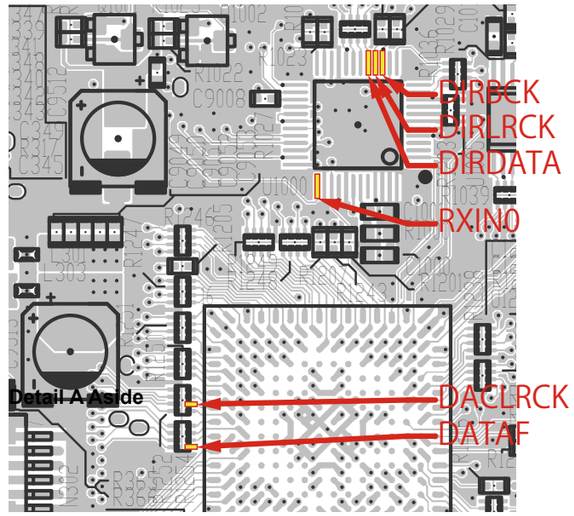




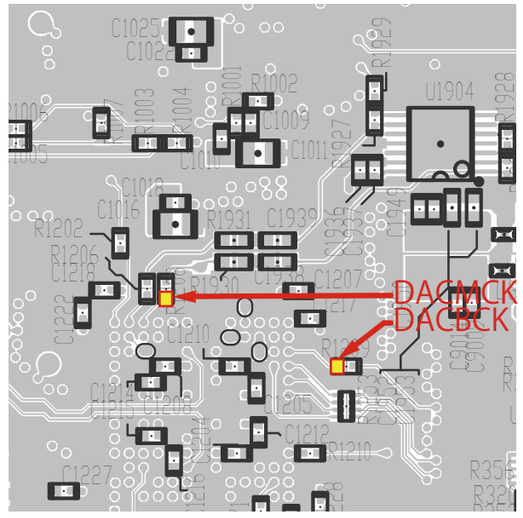




Detail A Aside

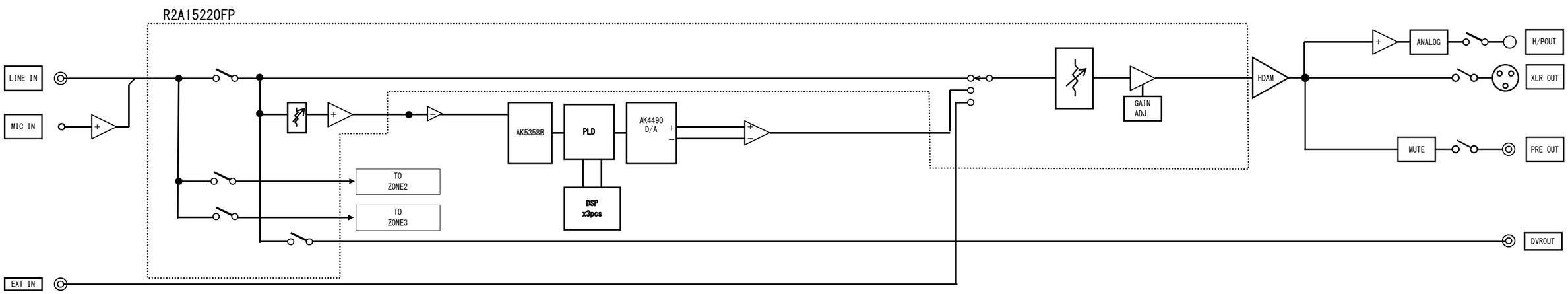


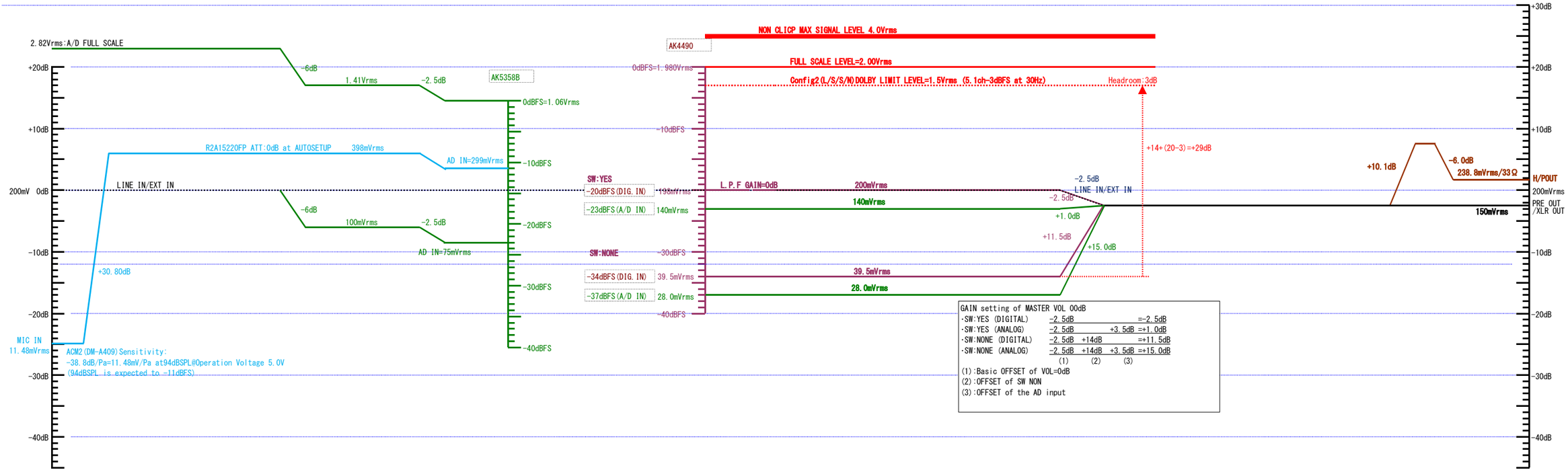
Detail A Bside



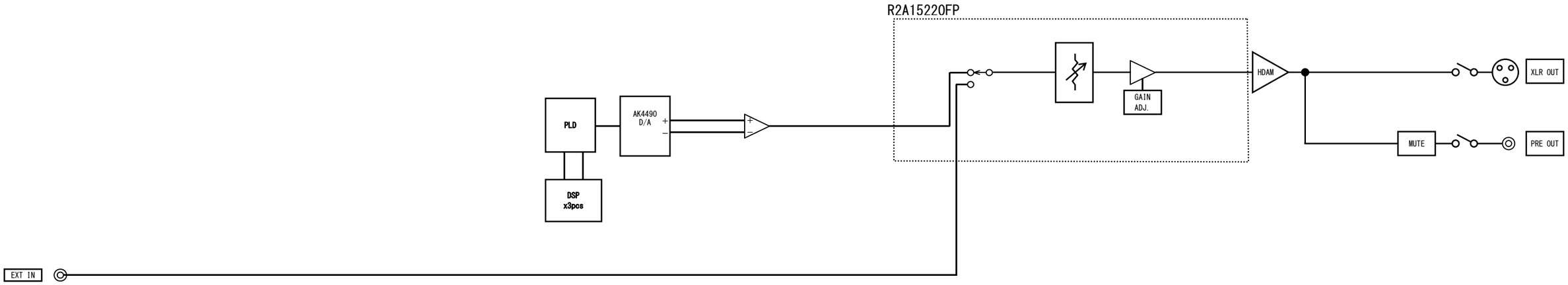
LEVEL DIAGRAM

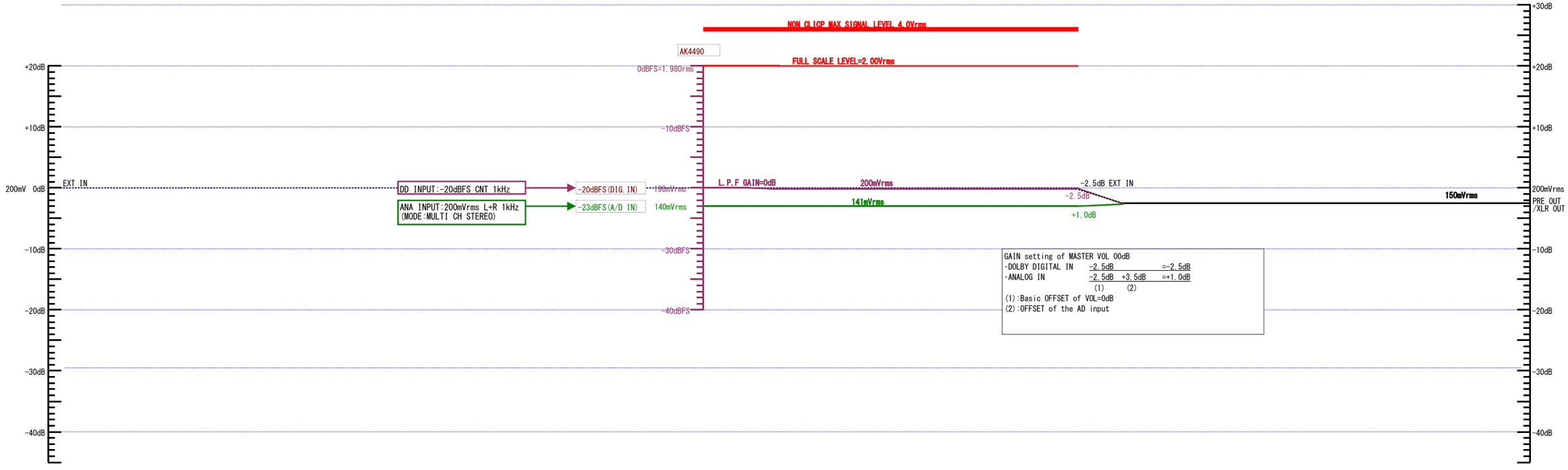
AV8802
LEVEL DIAGRAM
FRONT ch



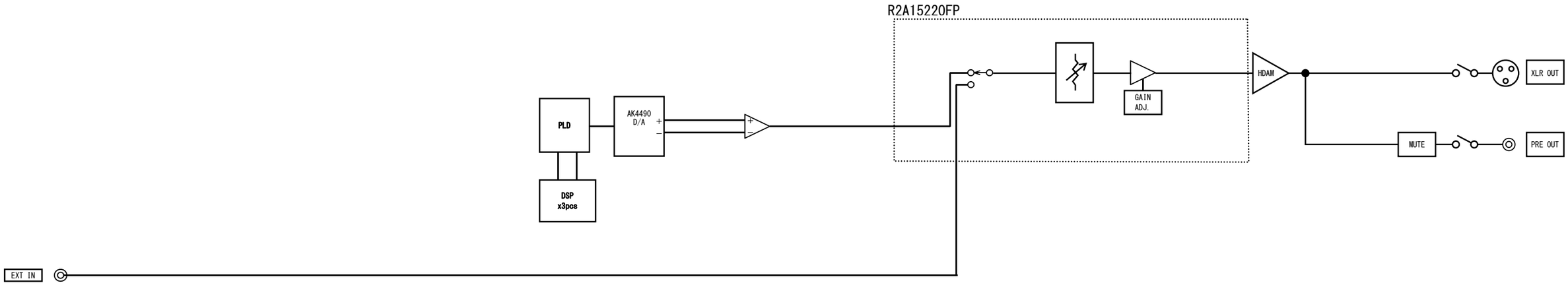


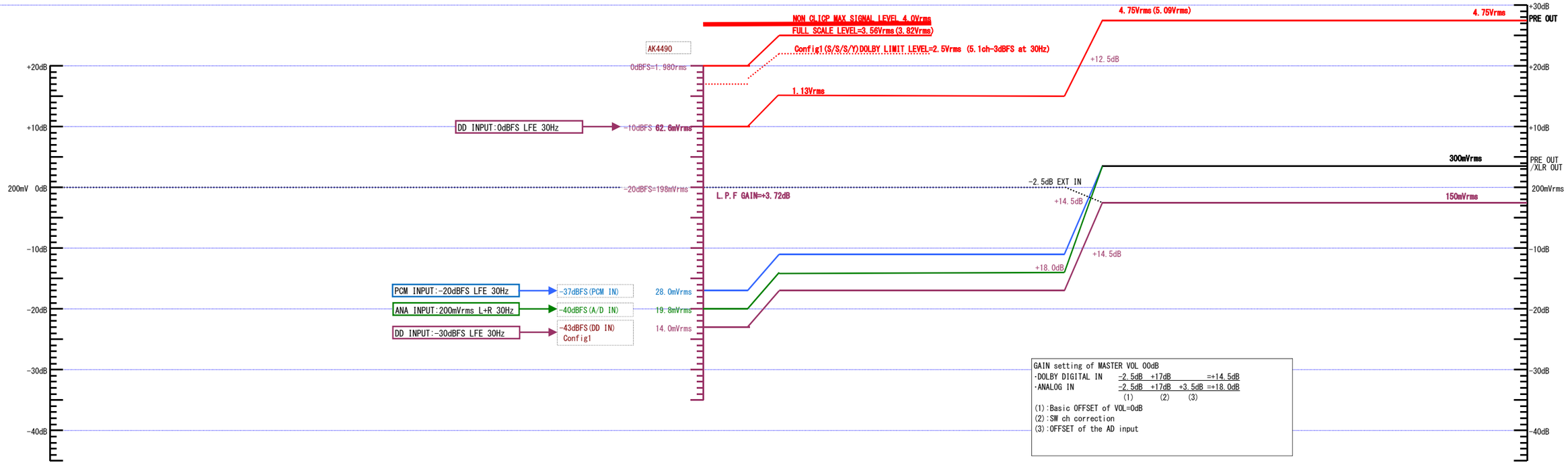
AV8802
LEVEL DIAGRAM
CENTER ch



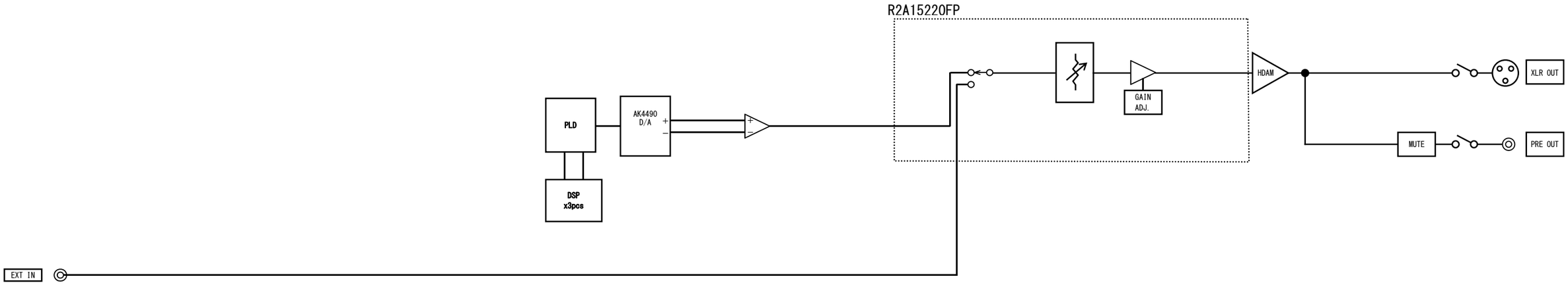


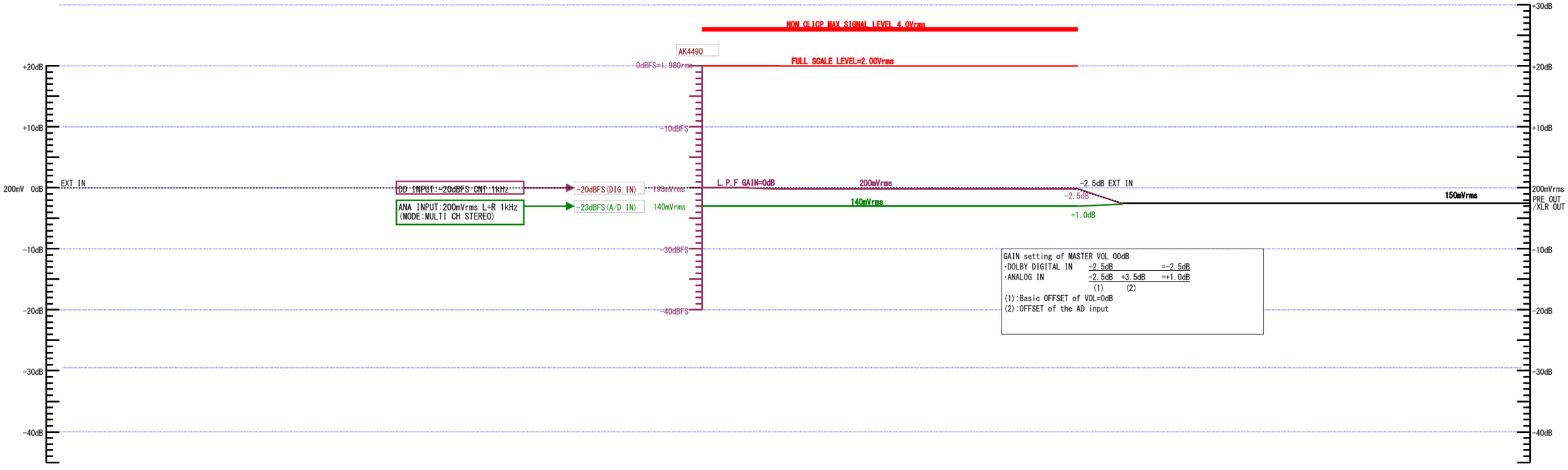
AV8802
LEVEL DIAGRAM
SUBWOOFER ch



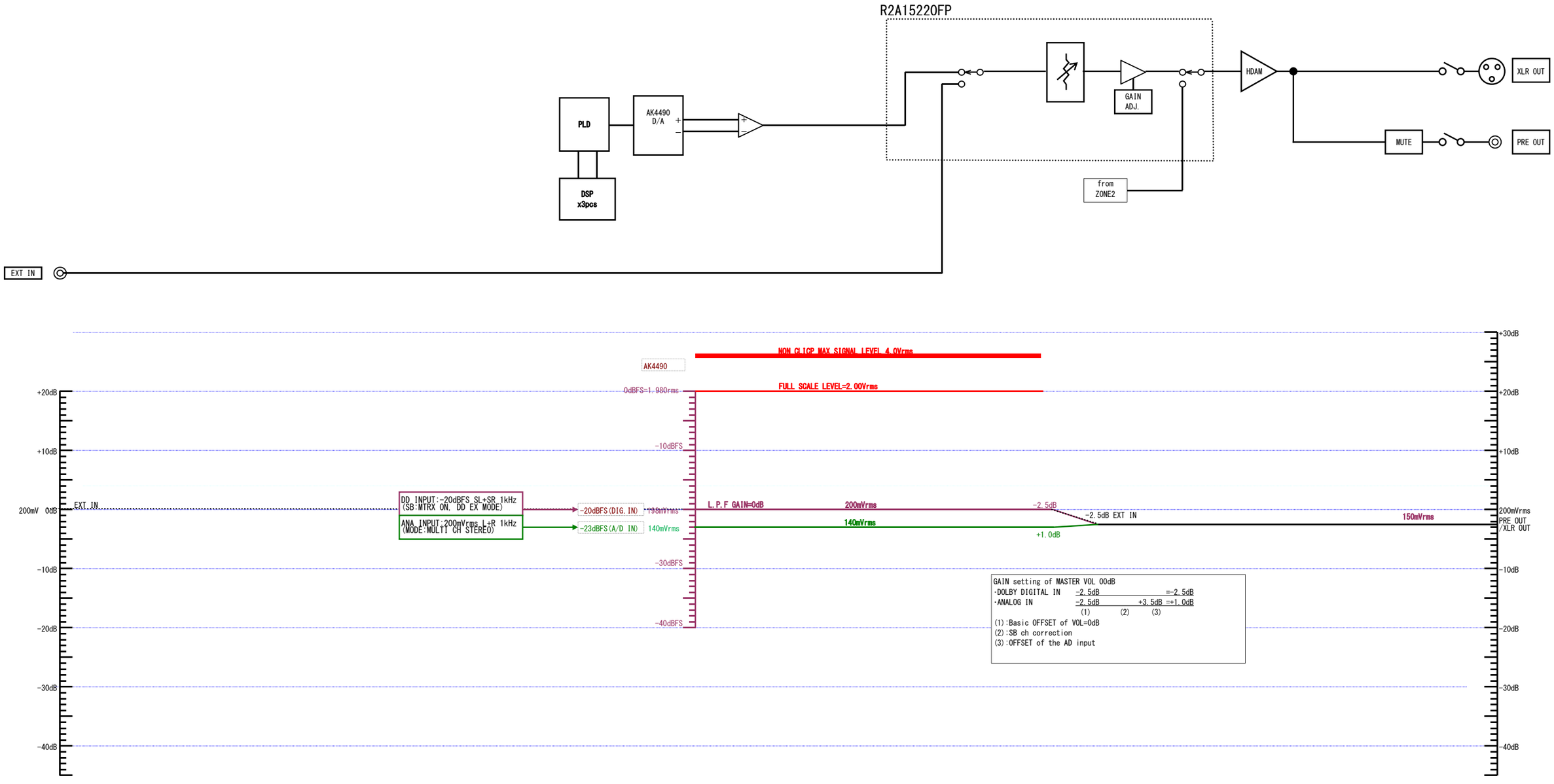


AV8802
LEVEL DIAGRAM
SURROUND ch

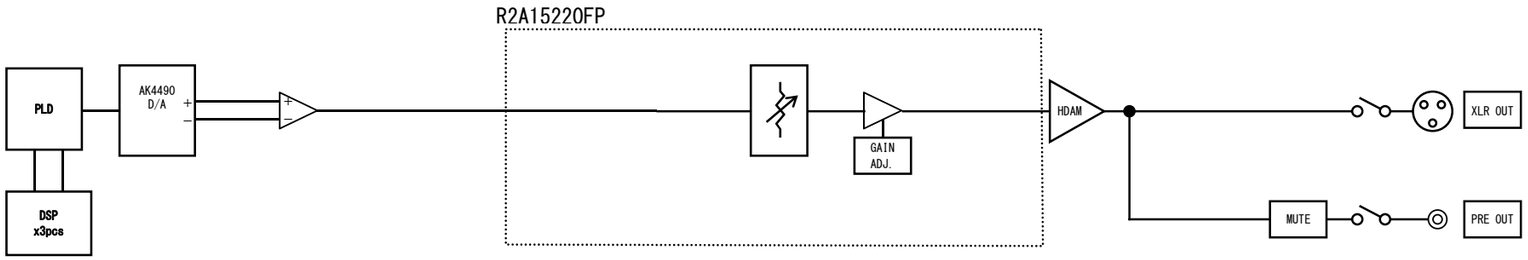




AV8802
LEVEL DIAGRAM
SURR.BACK ch



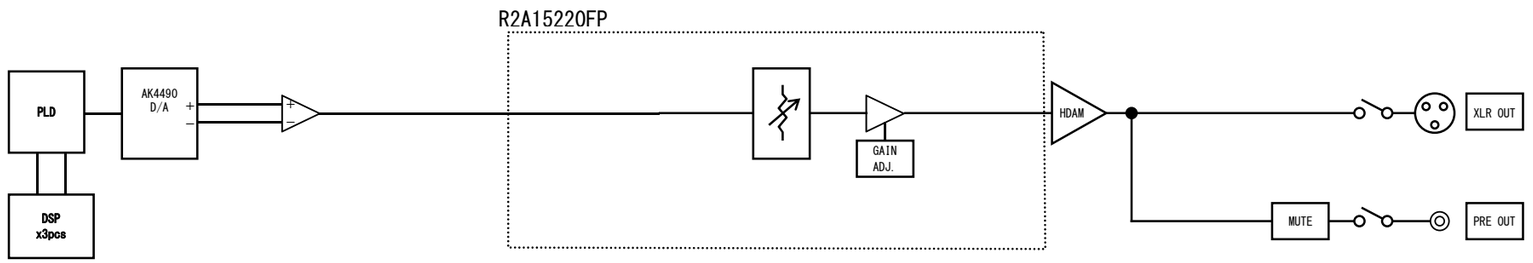
AV8802
LEVEL DIAGRAM
FRONT HEIGHT ch

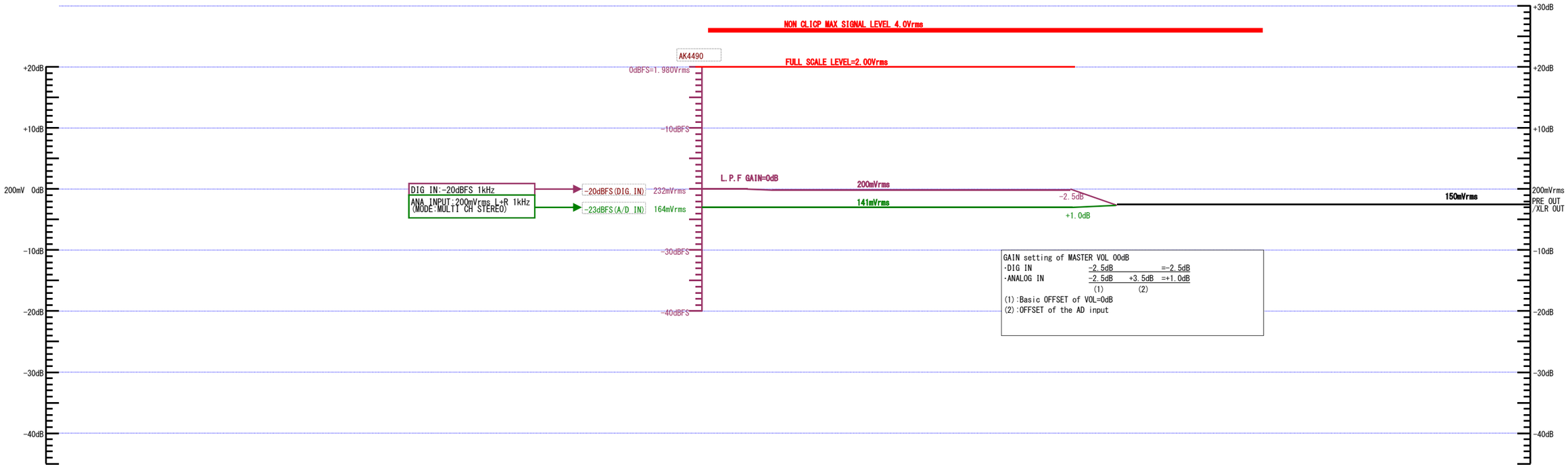


AV8802

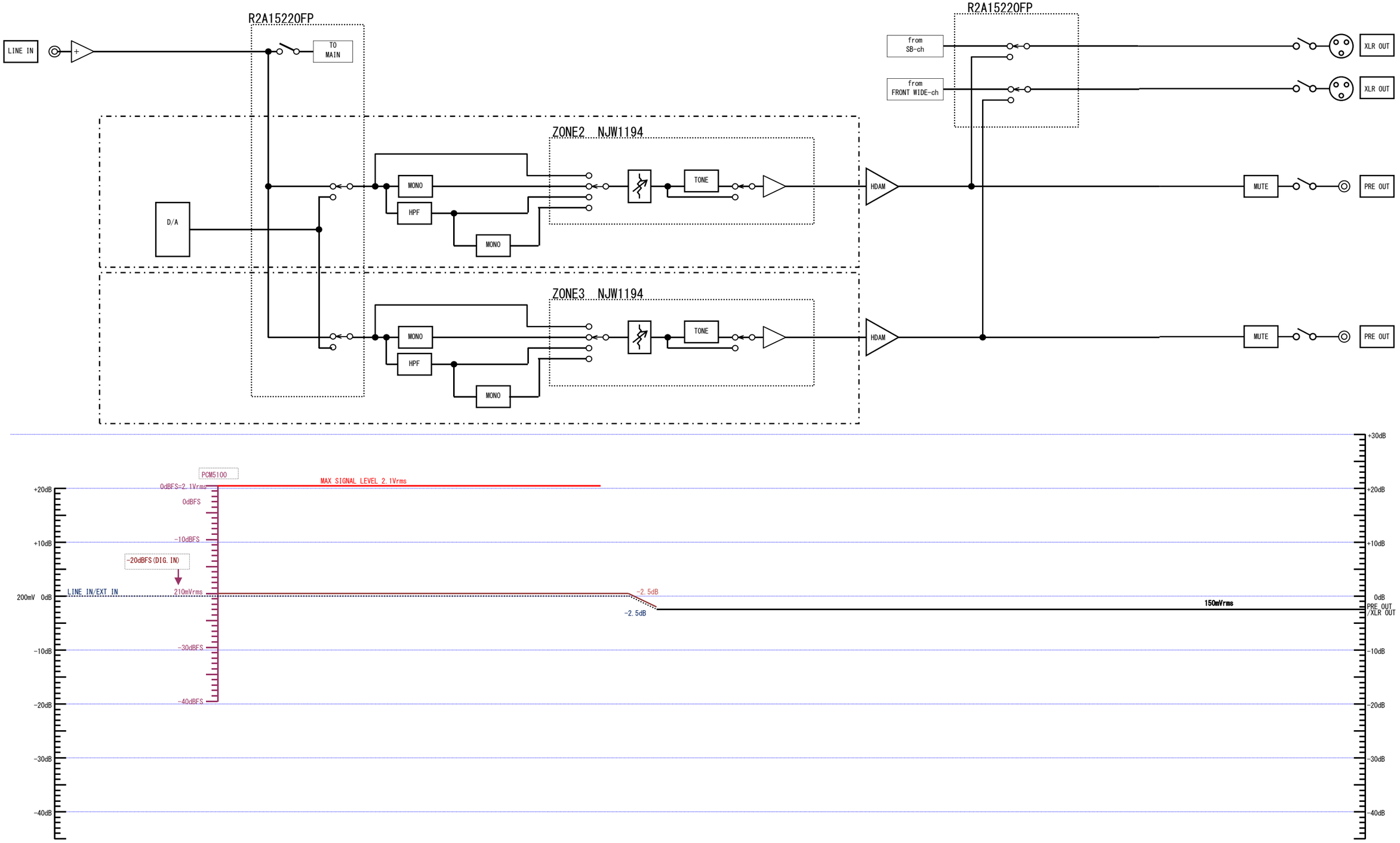
LEVEL DIAGRAM

FRONT WIDE ch

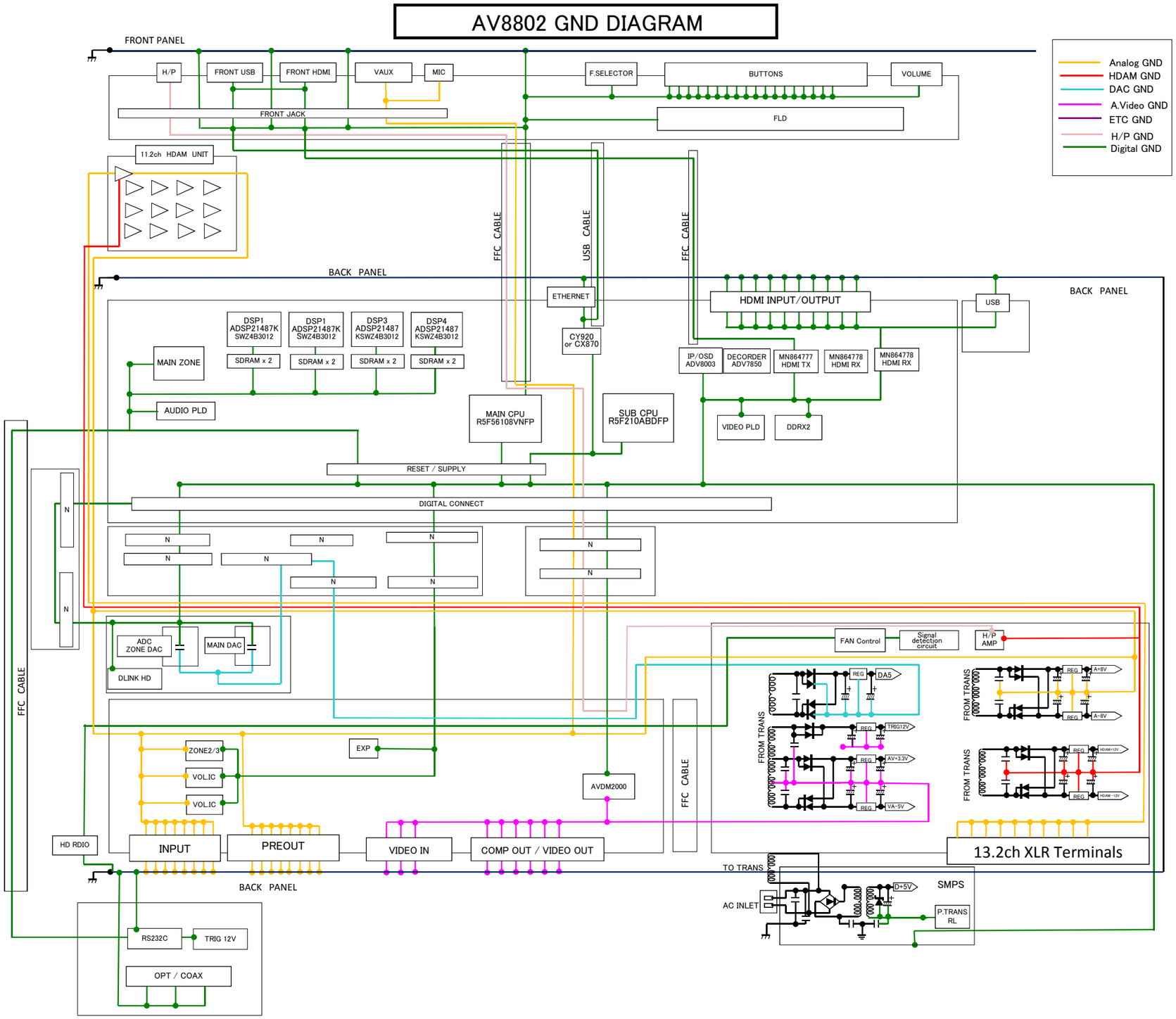




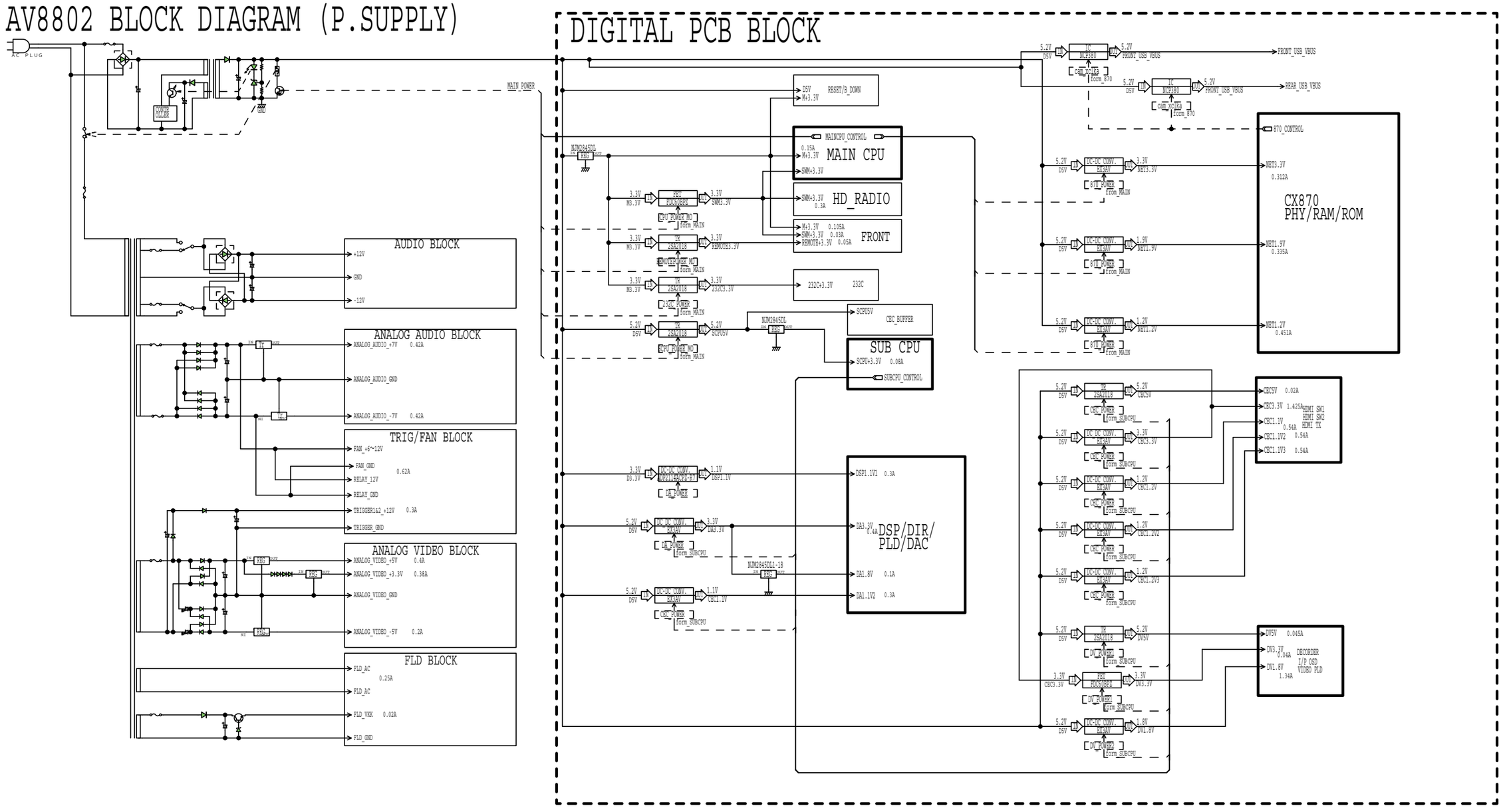
AV8802
LEVEL DIAGRAM
ZONE2/3



GND DIAGRAM


AV8802 GND DIAGRAM
FRONT PANEL
H/P
FRONT USB
FRONT HDMI
VAUX
MIC
F.SELECTOR
BUTTONS
VOLUME
FRONT JACK
FLD
11.2ch HDAM UNIT
FFC CABLE
USB CABLE
FFC CABLE
BACK PANEL
ETHERNET
HDMI INPUT/OUTPUT
USB
BACK PANEL
DSP1 ADSP21487K SWZ4B3012
DSP1 ADSP21487K SWZ4B3012
DSP3 ADSP21487 KSWZ4B3012
DSP4 ADSP21487 KSWZ4B3012
SDRAM x 2
SDRAM x 2
SDRAM x 2
SDRAM x 2
CY920 or CX870
IP/OSD ADV8003
DECORDER ADV7850
MN864777 HDMI TX
MN864778 HDMI RX
MN864778 HDMI RX
MAIN ZONE
AUDIO PLD
MAIN CPU R5F56108VNFP
SUB CPU R5F210ABDFP
VIDEO PLD
DDRX2
RESET / SUPPLY
DIGITAL CONNECT
N
ADC ZONE DAC
MAIN DAC
DLINK HD
FFC CABLE
FAN Control
Signal detection circuit
H/P AMP
REG
DA5
TRIG12V
AV+3.3V
VA-5V
FROM TRANS
A+8V
A-8V
HDAM+12V
HDAM-12V
ZONE2/3
VOL.IC
VOL.IC
EXP
AVDM2000
FFC CABLE
HD RDIO
INPUT
PREOUT
VIDEO IN
COMP OUT / VIDEO OUT
13.2ch XLR Terminals
BACK PANEL
TO TRANS
AC INLET
D+5V
SMPS
P.TRANS RL
RS232C
TRIG 12V
OPT / COAX
Analog GND
HDAM GND
DAC GND
A.Video GND
ETC GND
H/P GND
Digital GND

POWER DIAGRAM



△3

AV8802A BLOCK DIAGRAM (P.SUPPLY)

DIGITAL PCB BLOCK

AC PLUG

CONTR OLLER

GND

MAIN_POWER

AUDIO BLOCK
- +12V
- GND
- -12V

ANALOG AUDIO BLOCK
- ANALOG_AUDIO_+7V 0.42A
- ANALOG_AUDIO_GND
- ANALOG_AUDIO_-7V 0.42A

TRIG/FAN BLOCK
- FAN_+6~12V
- FAN_GND 0.62A
- RELAY_12V
- RELAY_GND
- TRIGGER1&2_+12V 0.3A
- TRIGGER_GND

ANALOG VIDEO BLOCK
- ANALOG_VIDEO_+5V 0.4A
- ANALOG_VIDEO_+3.3V 0.38A
- ANALOG_VIDEO_GND
- ANALOG_VIDEO_-5V 0.2A

FLD BLOCK
- FLD_AC 0.25A
- FLD_AC
- FLD_VKK 0.02A
- FLD_GND

DSV RESET/B_DOWN
M+3.3V

MAINCPU_CONTROL
MAIN CPU
M+3.3V
SWM+3.3V

SWM+3.3V HD_RADIO

M+3.3V
SWM+3.3V
REMOTE+3.3V FRONT

232C+3.3V 232C

SCPU5V CRC_BUFFER

SUB CPU
SCPU+3.3V
SUBCPU_CONTROL

DSP1.1V1
DR3.3V DSP/DIR/ PLD/DAC
DA1.8V
DA1.1V2

FRONT_USB_VBUS
REAR_USB_VBUS

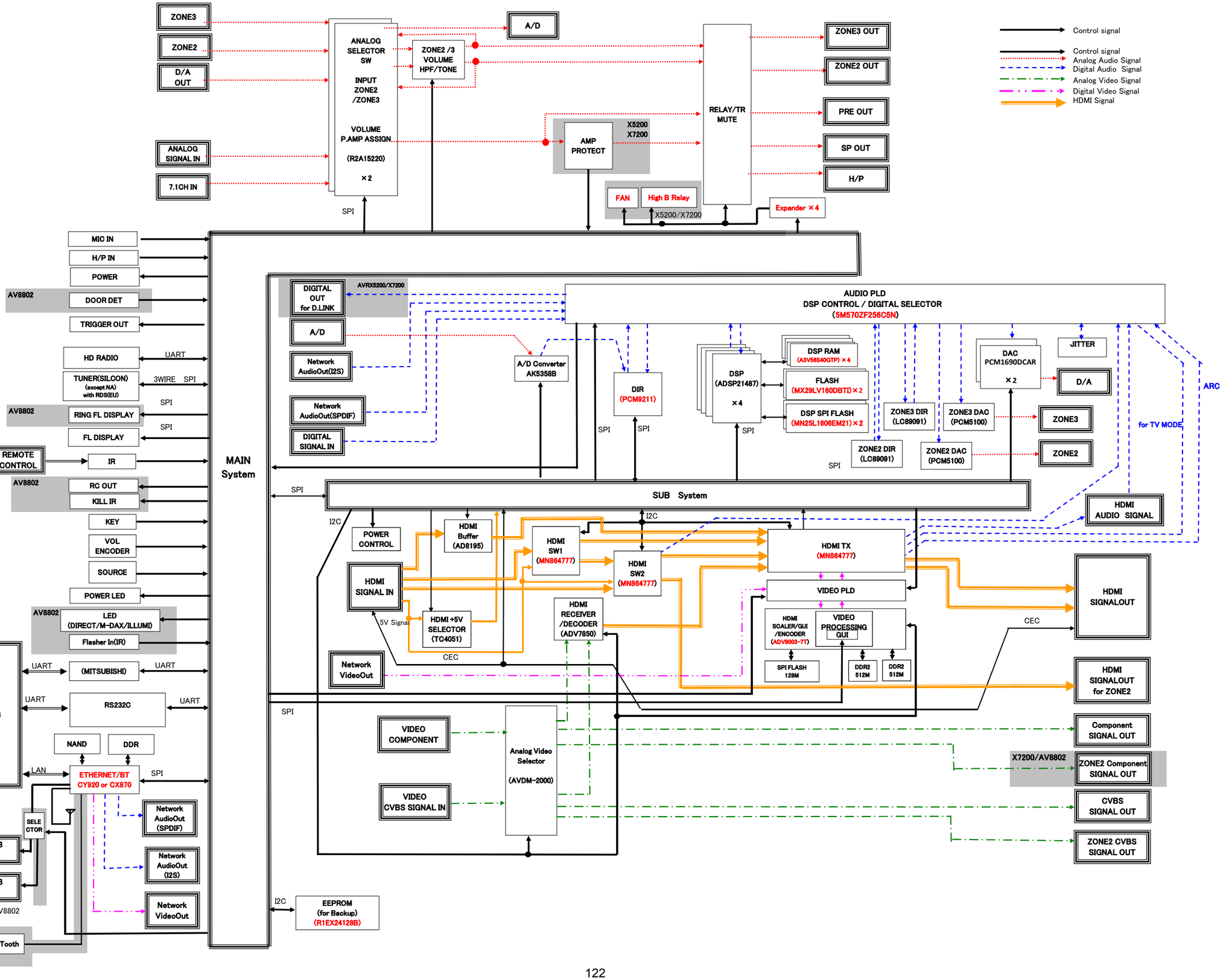
920_CONTROL
NET3.3V
NET2.5V
CY920 PHY/RAM/ROM
NET1.8V
NET1.2V

CEC5V
CEC3.3V
CEC1.1V
CEC1.1V2
CEC1.1V3
HDMI SW1 HDMI SW2 HDMI TX

DV5V
DV3.3V
DV1.8V
DBCORDER I/P OSD VIDEO PLD

CPU DIAGRAM

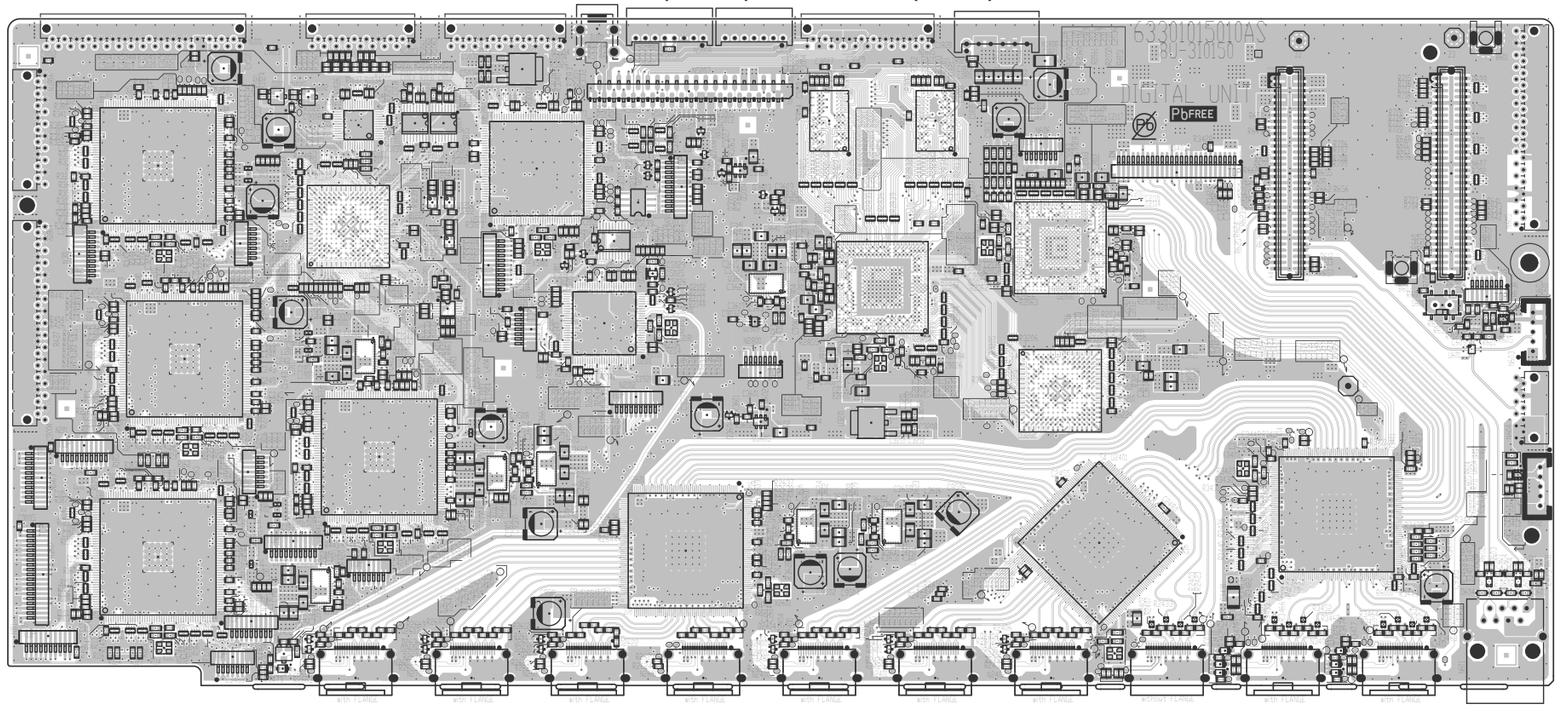
AVRX5200/X7200/AV8802 CPU Control Block Diagram



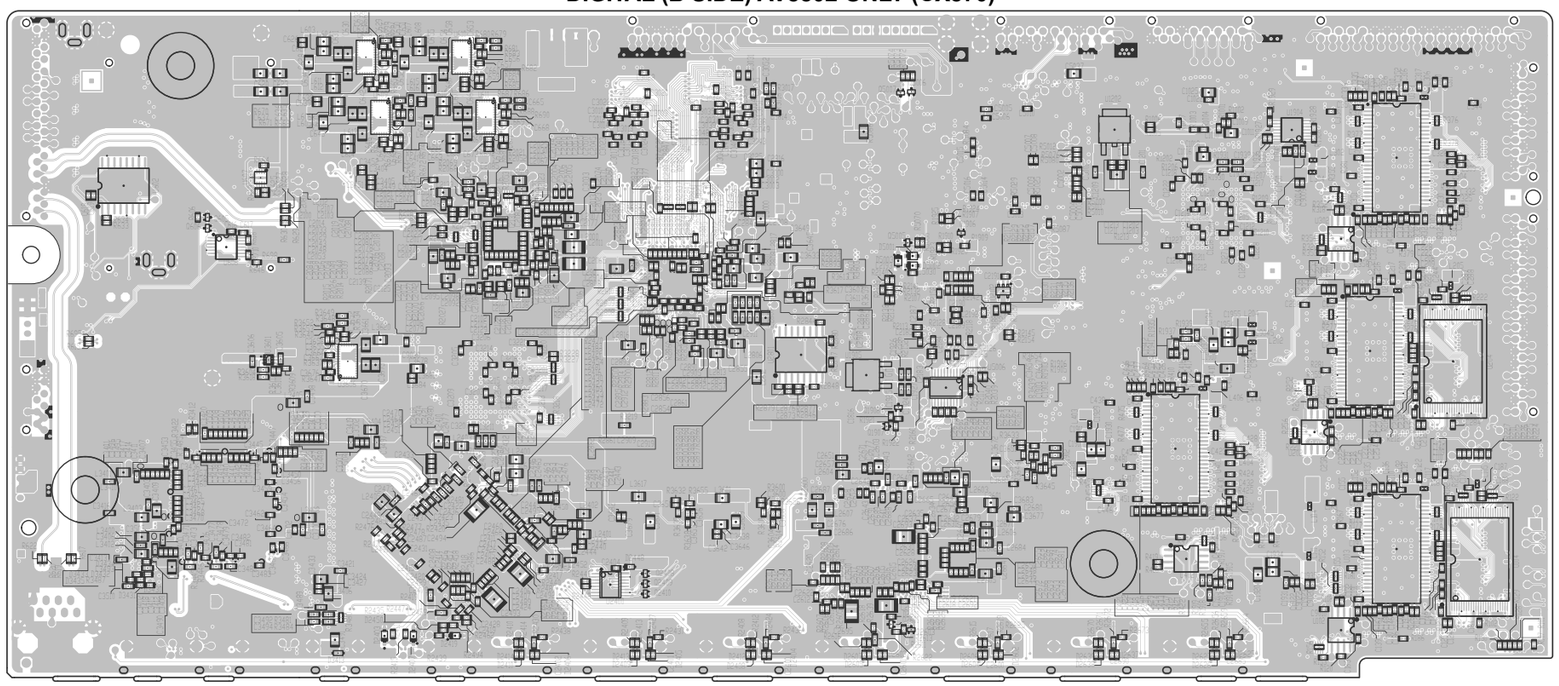
PRINTED WIRING BOARDS

Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

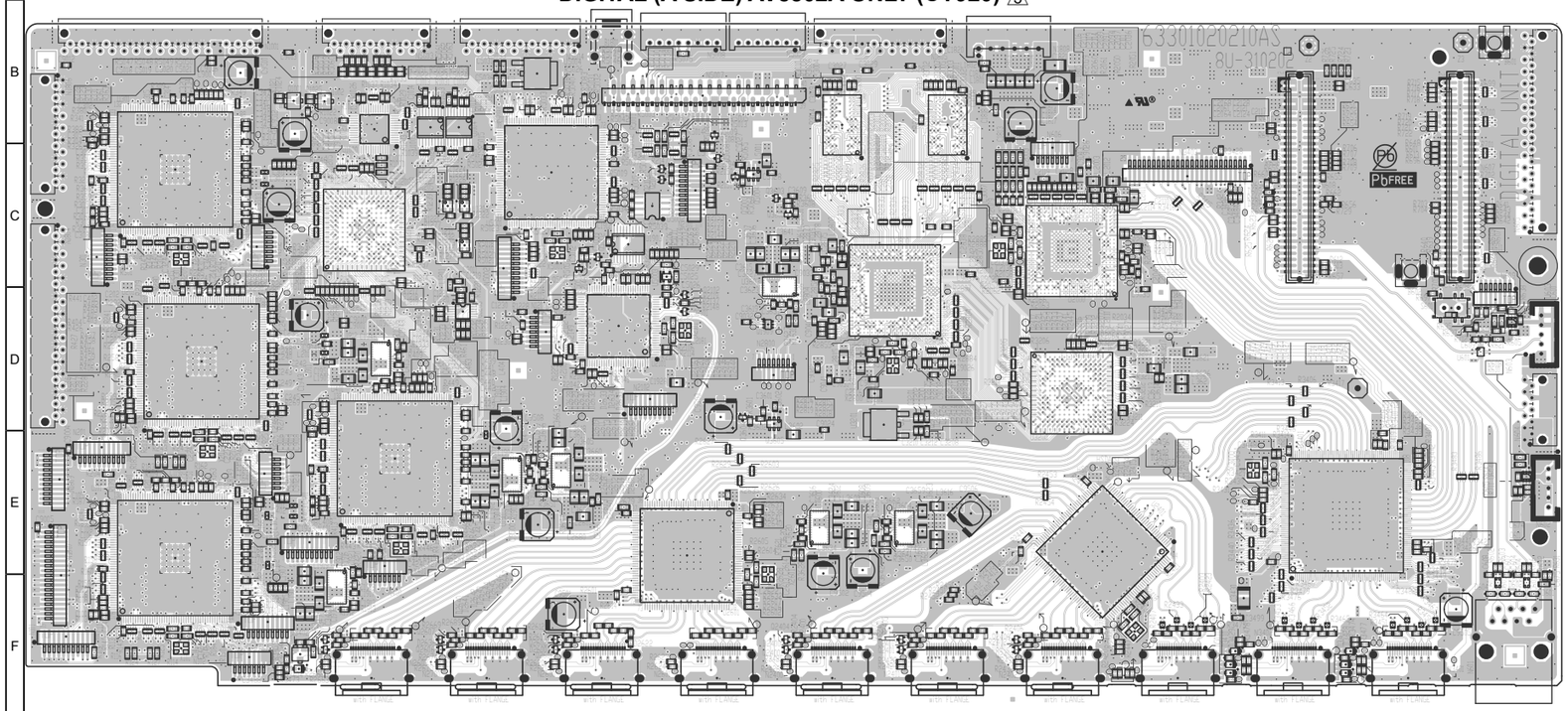
DIGITAL (A SIDE) AV8802 ONLY (CX870)



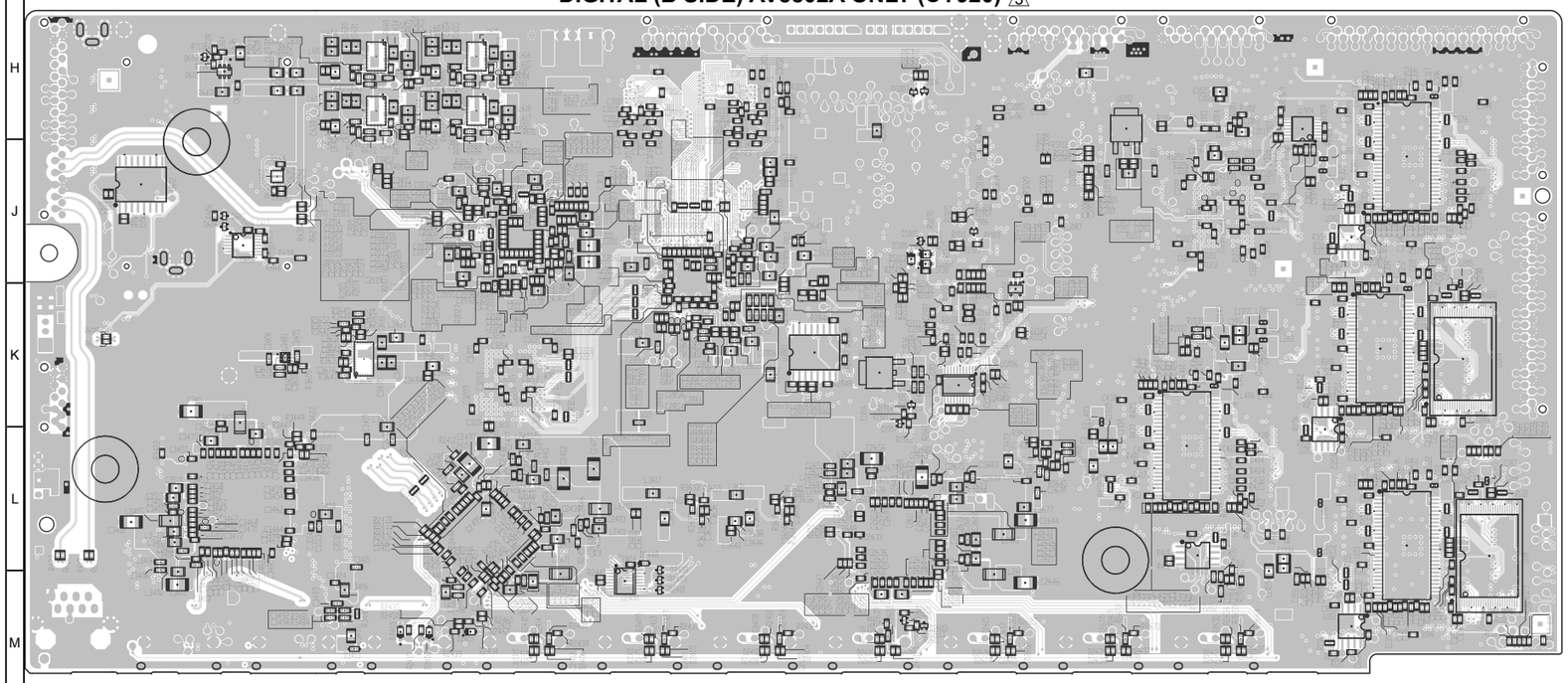
DIGITAL (B SIDE) AV8802 ONLY (CX870)



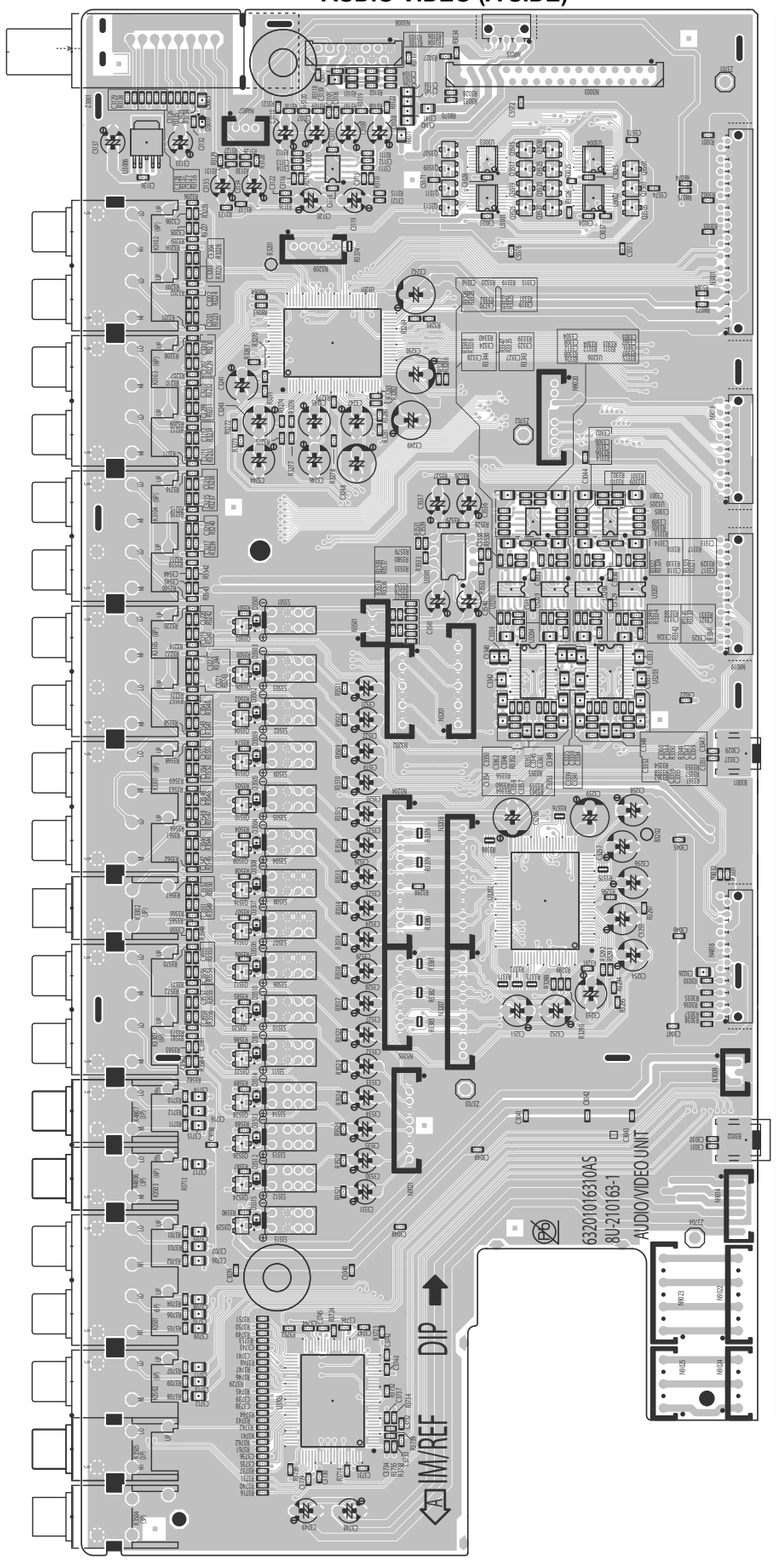
DIGITAL (A SIDE) AV8802A ONLY (CY920) ⚠3



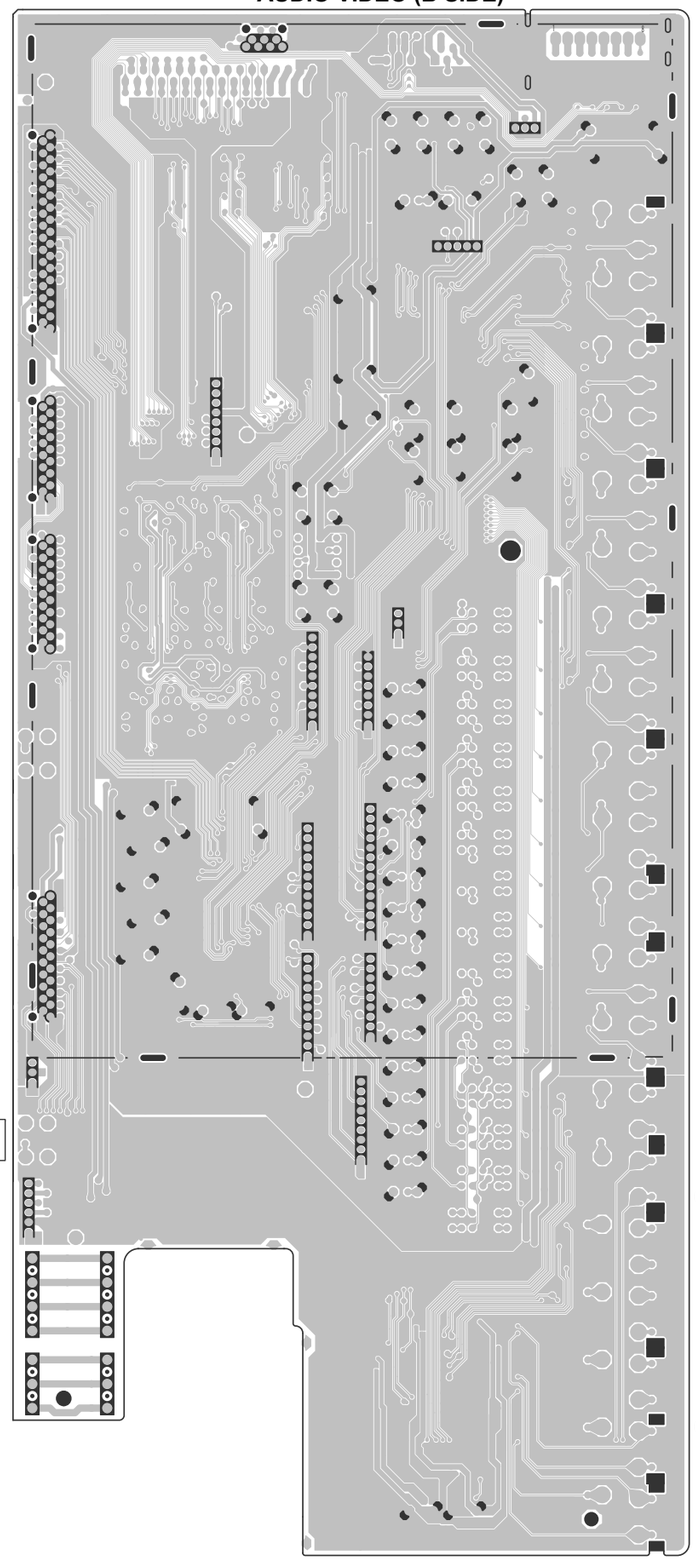
DIGITAL (B SIDE) AV8802A ONLY (CY920) ⚠3



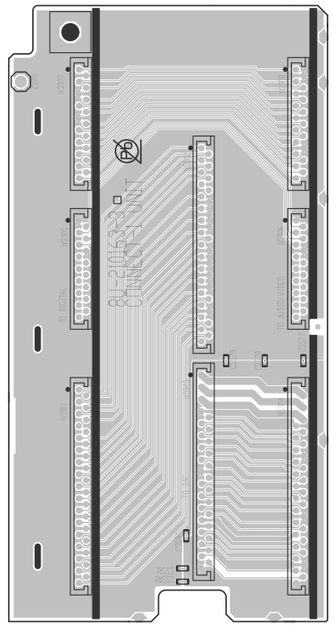
AUDIO VIDEO (A SIDE)



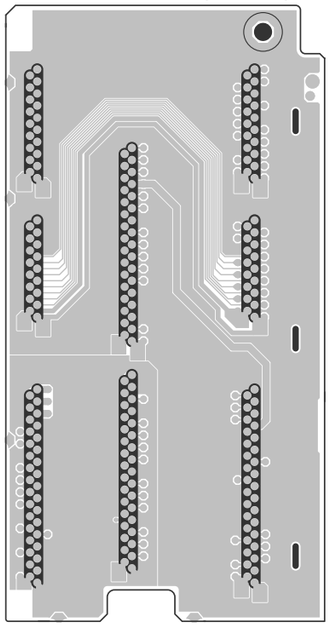
AUDIO VIDEO (B SIDE)



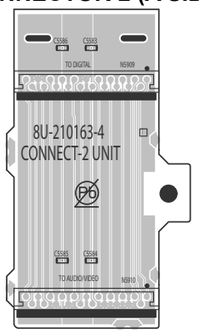
CONNECTOR-1 (A SIDE)



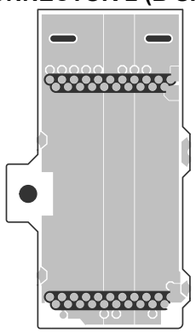
CONNECTOR-1 (B SIDE)



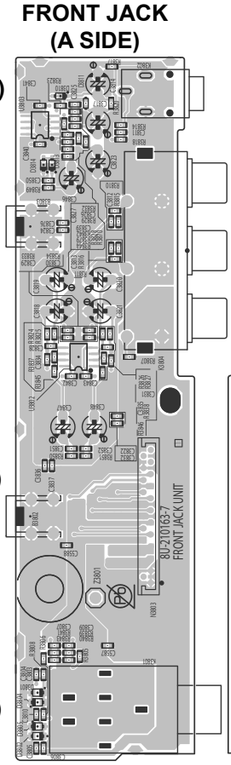
CONNECTOR-2 (A SIDE)



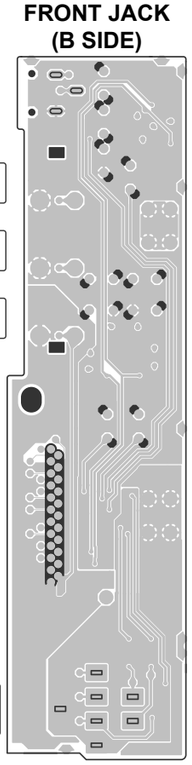
CONNECTOR-2 (B SIDE)



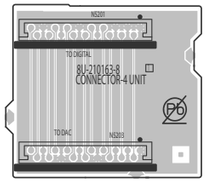
FRONT JACK (A SIDE)



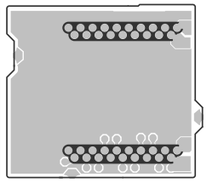
FRONT JACK (B SIDE)



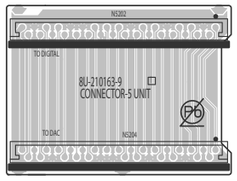
CONNECTOR-4 (A SIDE)



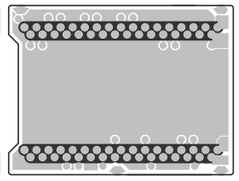
CONNECTOR-4 (B SIDE)



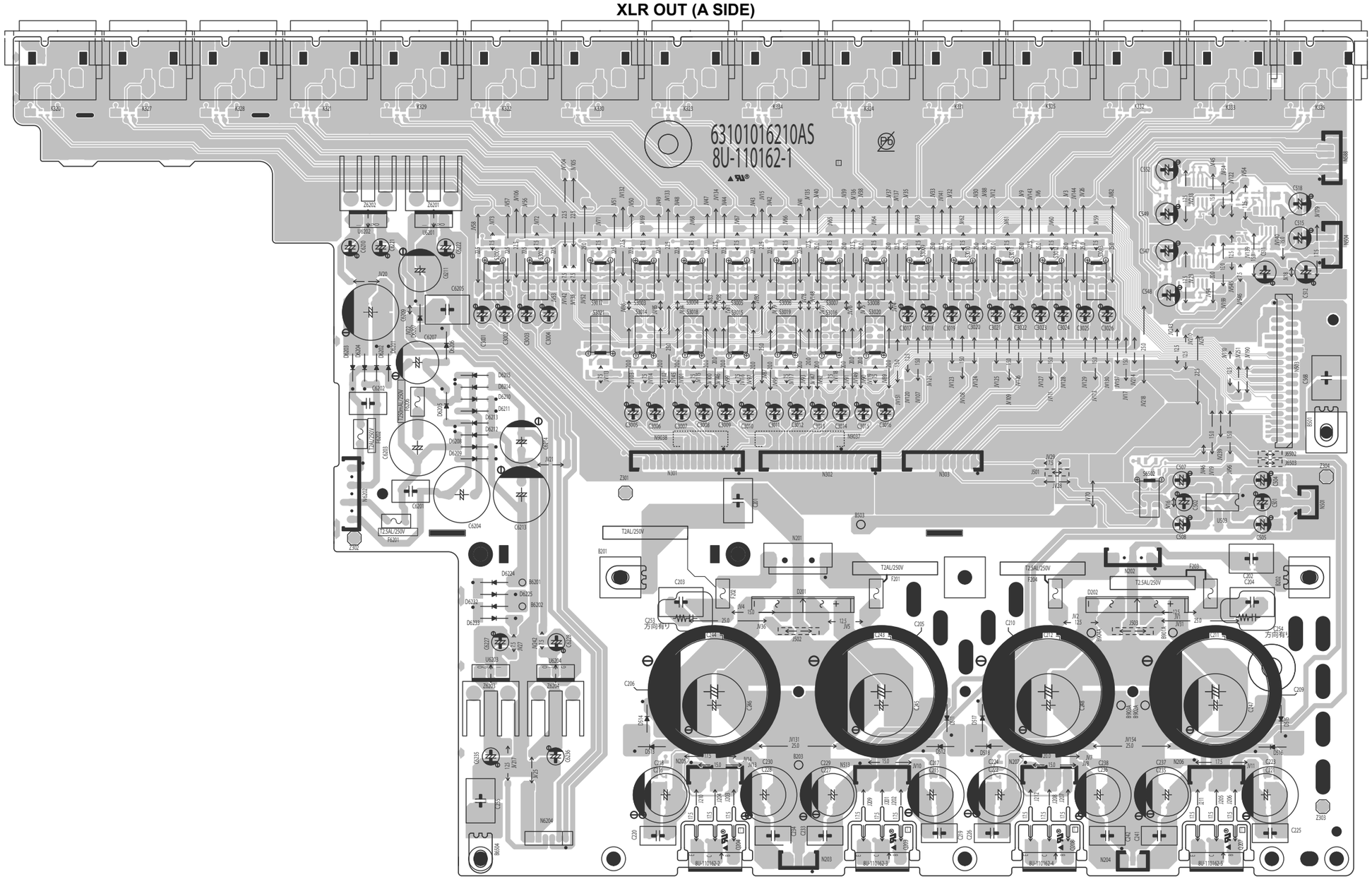
CONNECTOR-5 (A SIDE)



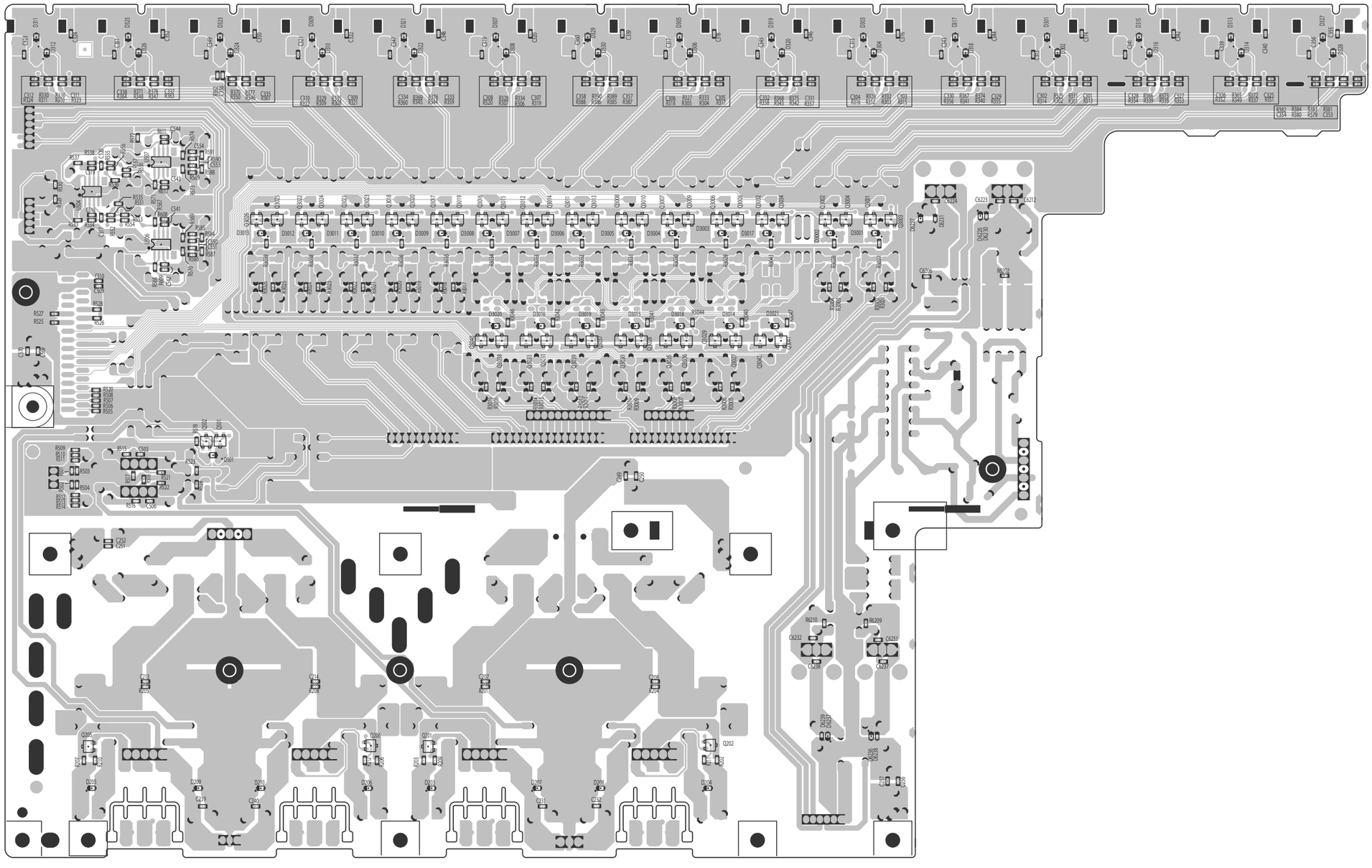
CONNECTOR-5 (B SIDE)



XLR OUT (A SIDE)



XLR OUT (B SIDE)



FRONT (A SIDE)

FRONT (B SIDE)

HP (A SIDE)

HP (B SIDE)

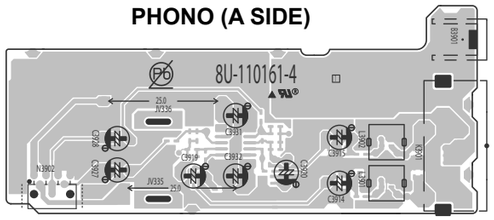
DOOR SW (A SIDE)

DOOR SW (B SIDE)

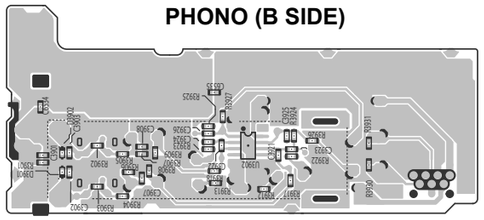
HDAM CONNECT (A SIDE)

HDAM CONNECT (B SIDE)

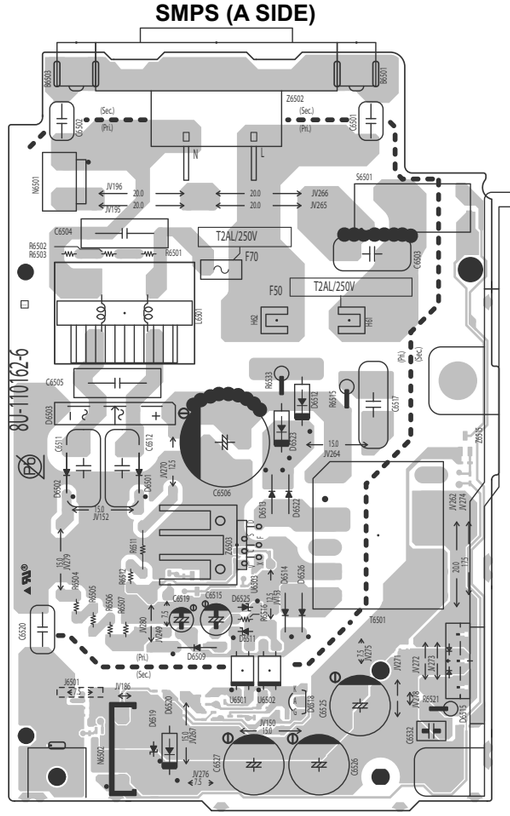
PHONO (A SIDE)



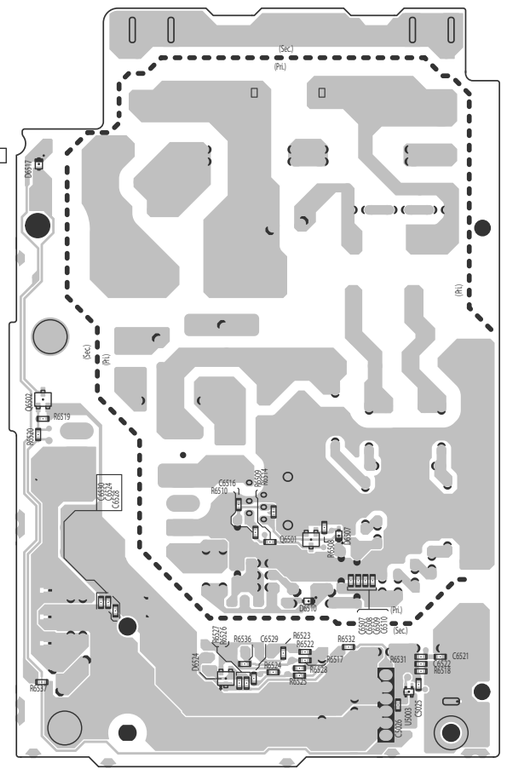
PHONO (B SIDE)



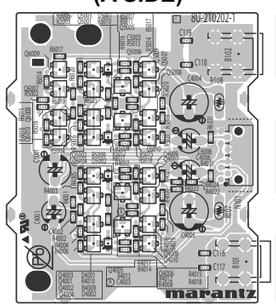
SMPS (A SIDE)



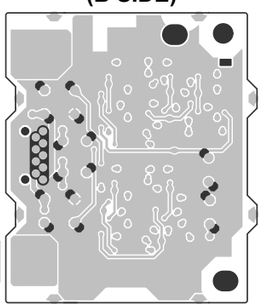
SMPS (B SIDE)



HDAM XLR-AMP (A SIDE)



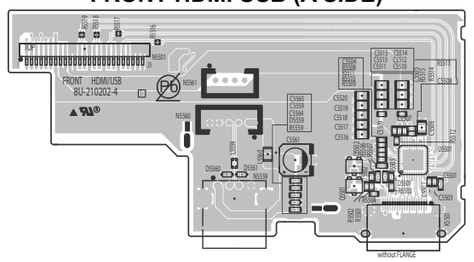
HDAM XLR-AMP (B SIDE)



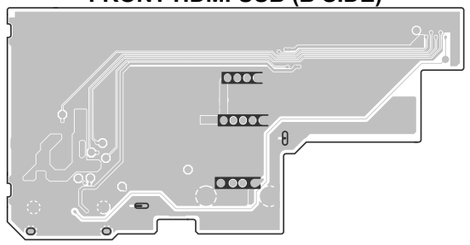
CONNECTR-3 (A SIDE)

CONNECTR-3 (B SIDE)

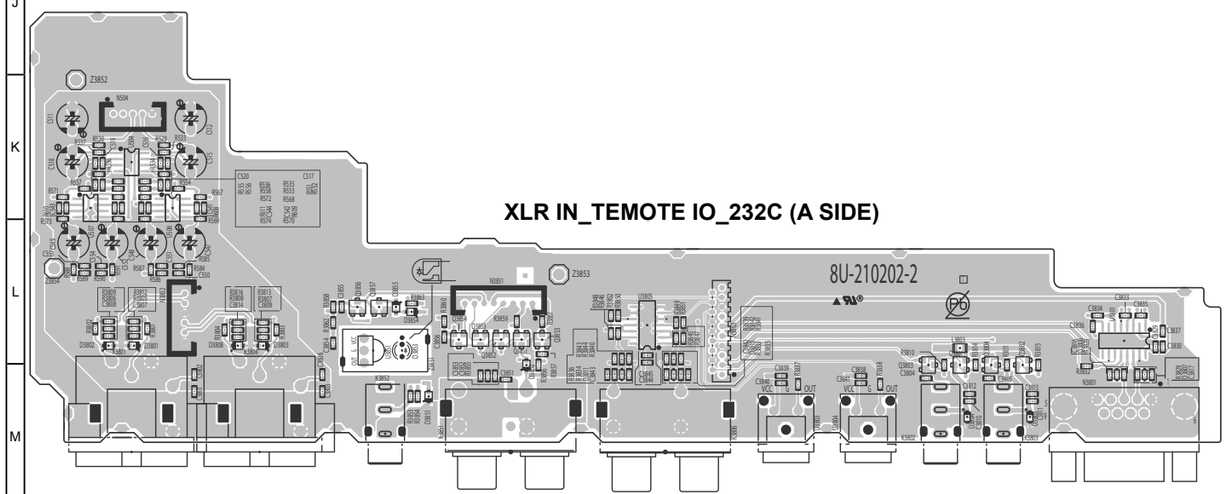
FRONT HDMI USB (A SIDE)



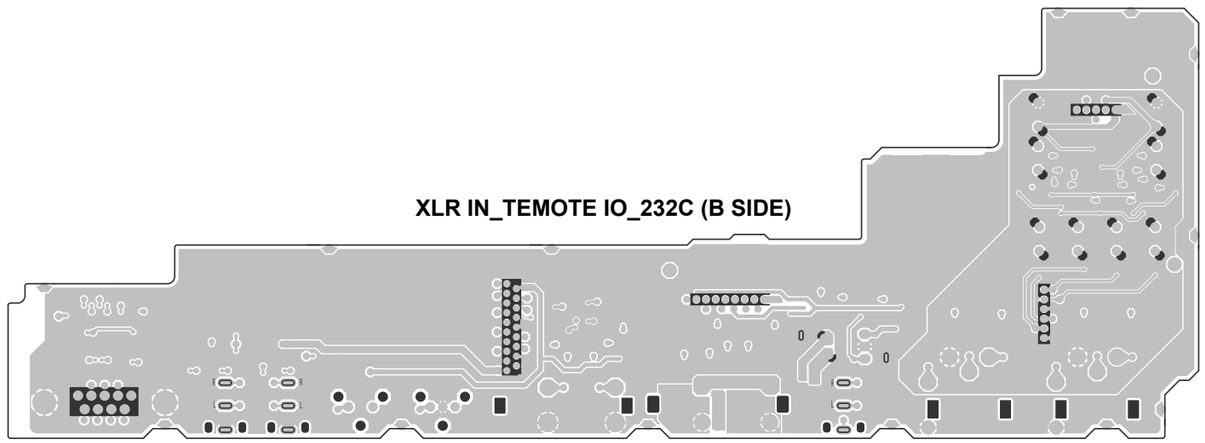
FRONT HDMI USB (B SIDE)



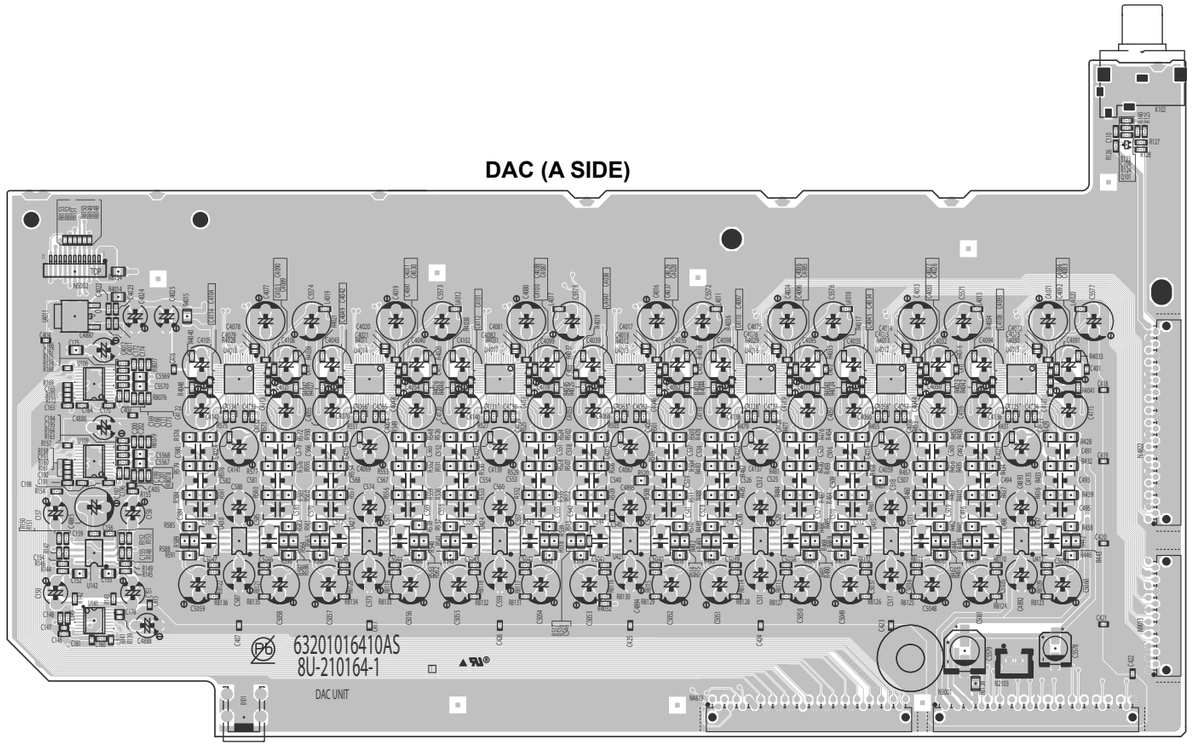
XLR IN_TEMOTE IO_232C (A SIDE)



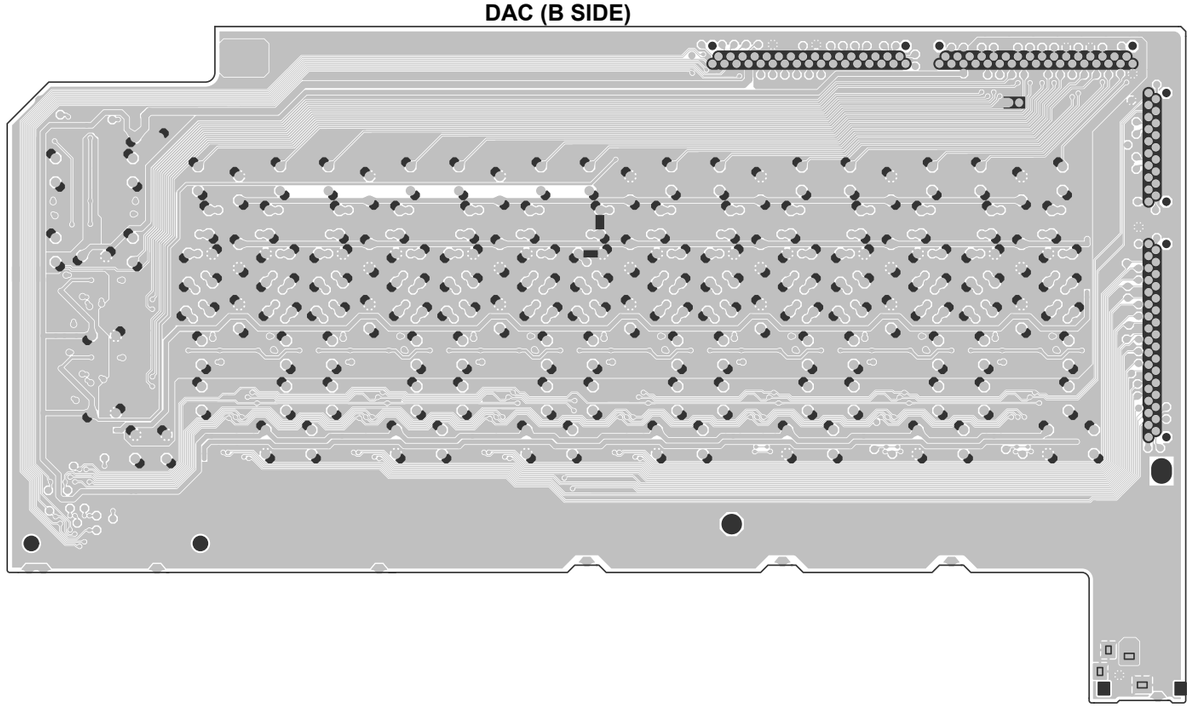
XLR IN_TEMOTE IO_232C (B SIDE)



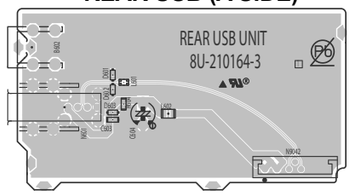
DAC (A SIDE)



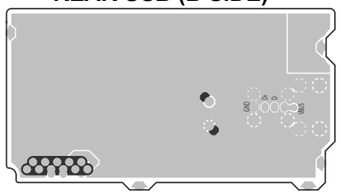
DAC (B SIDE)



REAR USB (A SIDE)

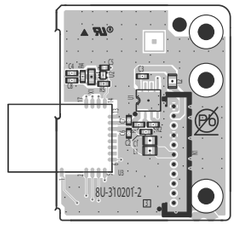


REAR USB (B SIDE)

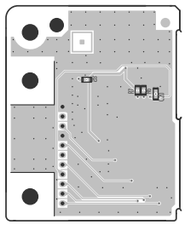


AV8802 ONLY (CX870) ⚠3

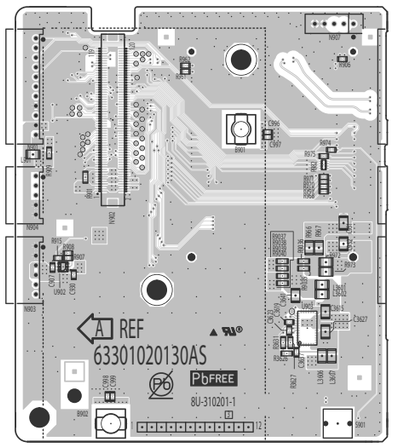
Bluetooth (A SIDE)



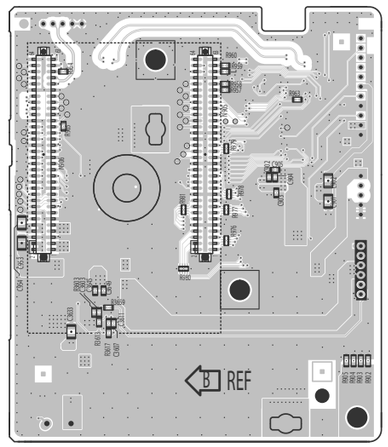
Bluetooth (B SIDE)

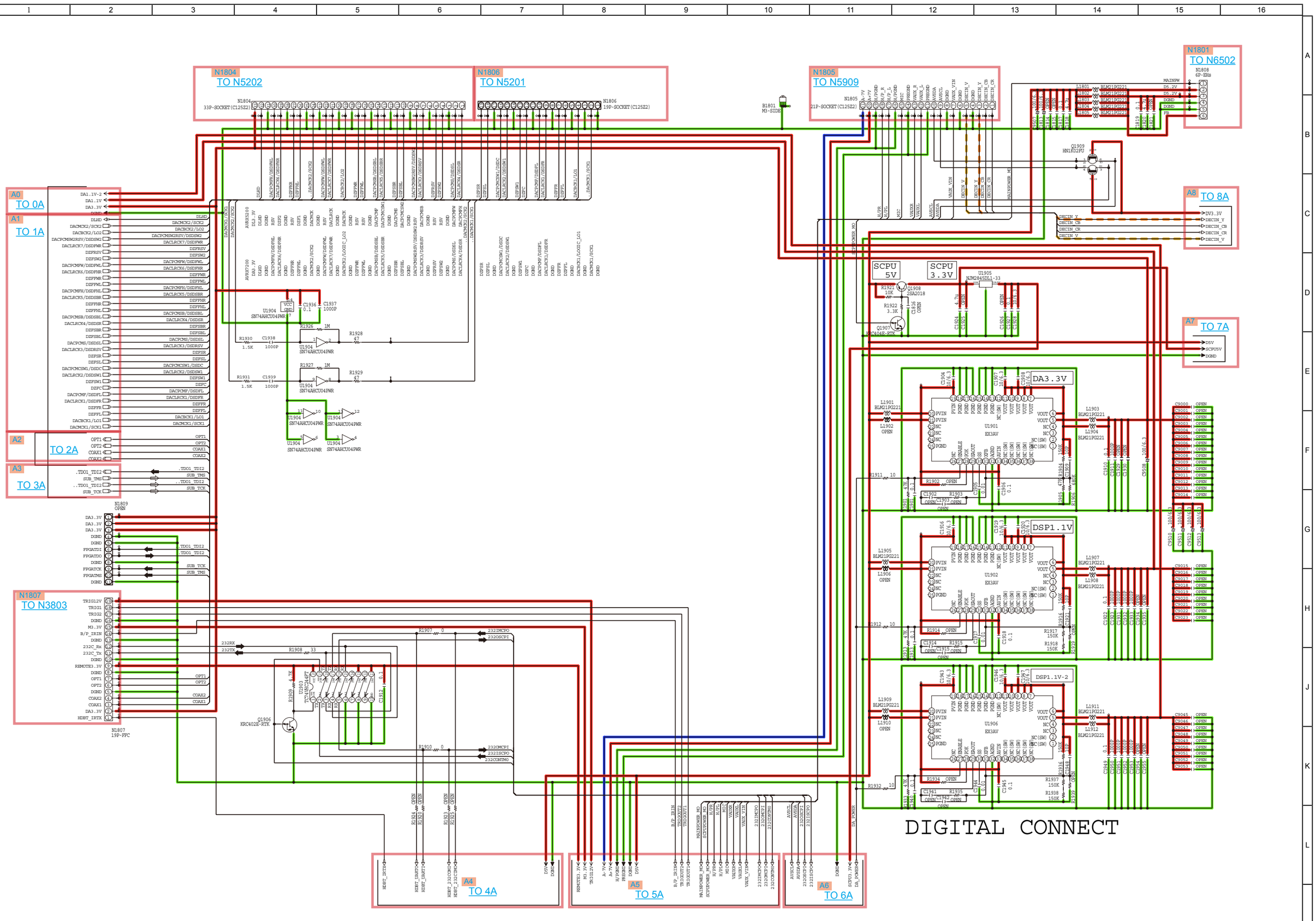


CX870 CONNECT (A SIDE)



CX870 CONNECT (B SIDE)

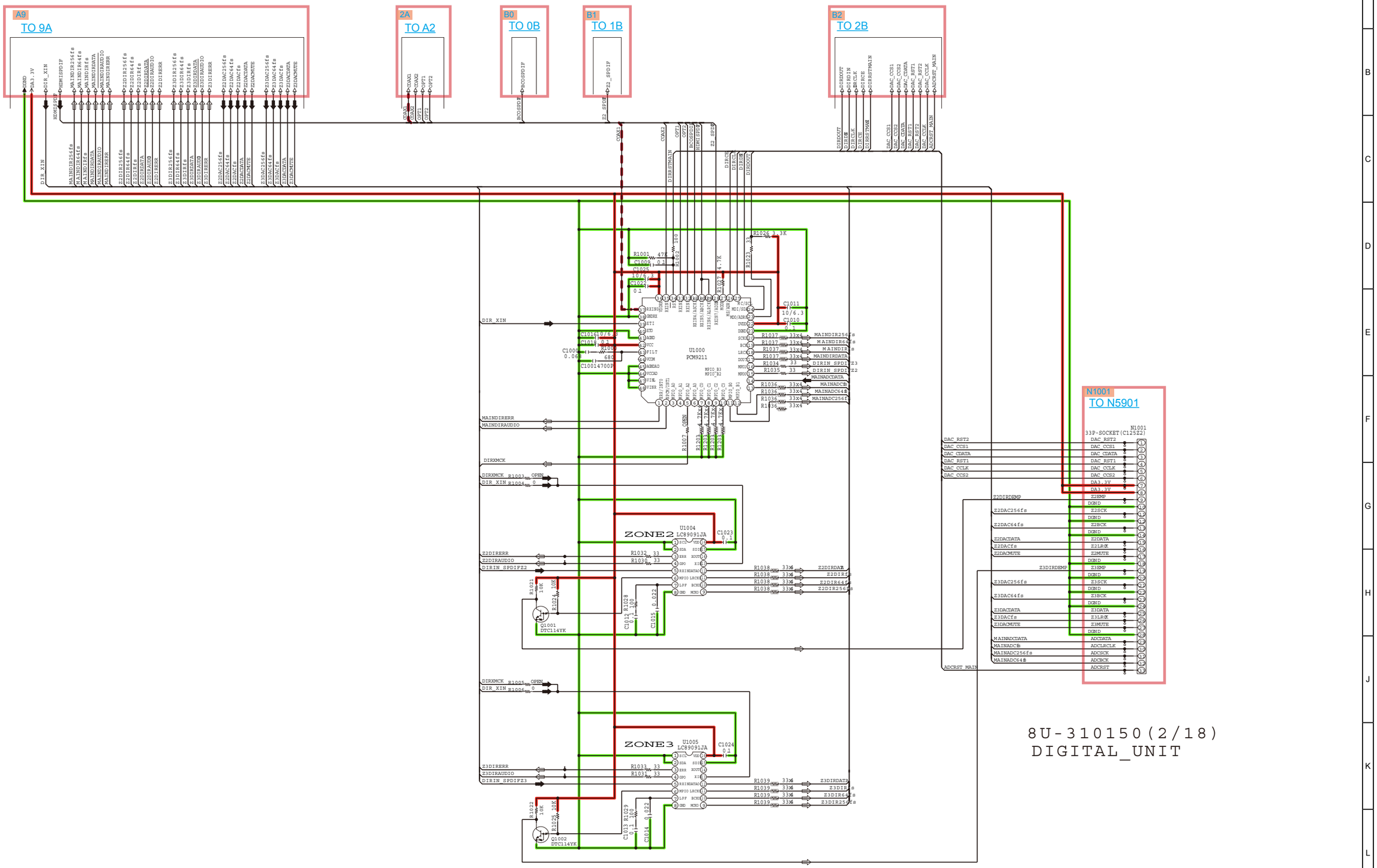




GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (1/38)

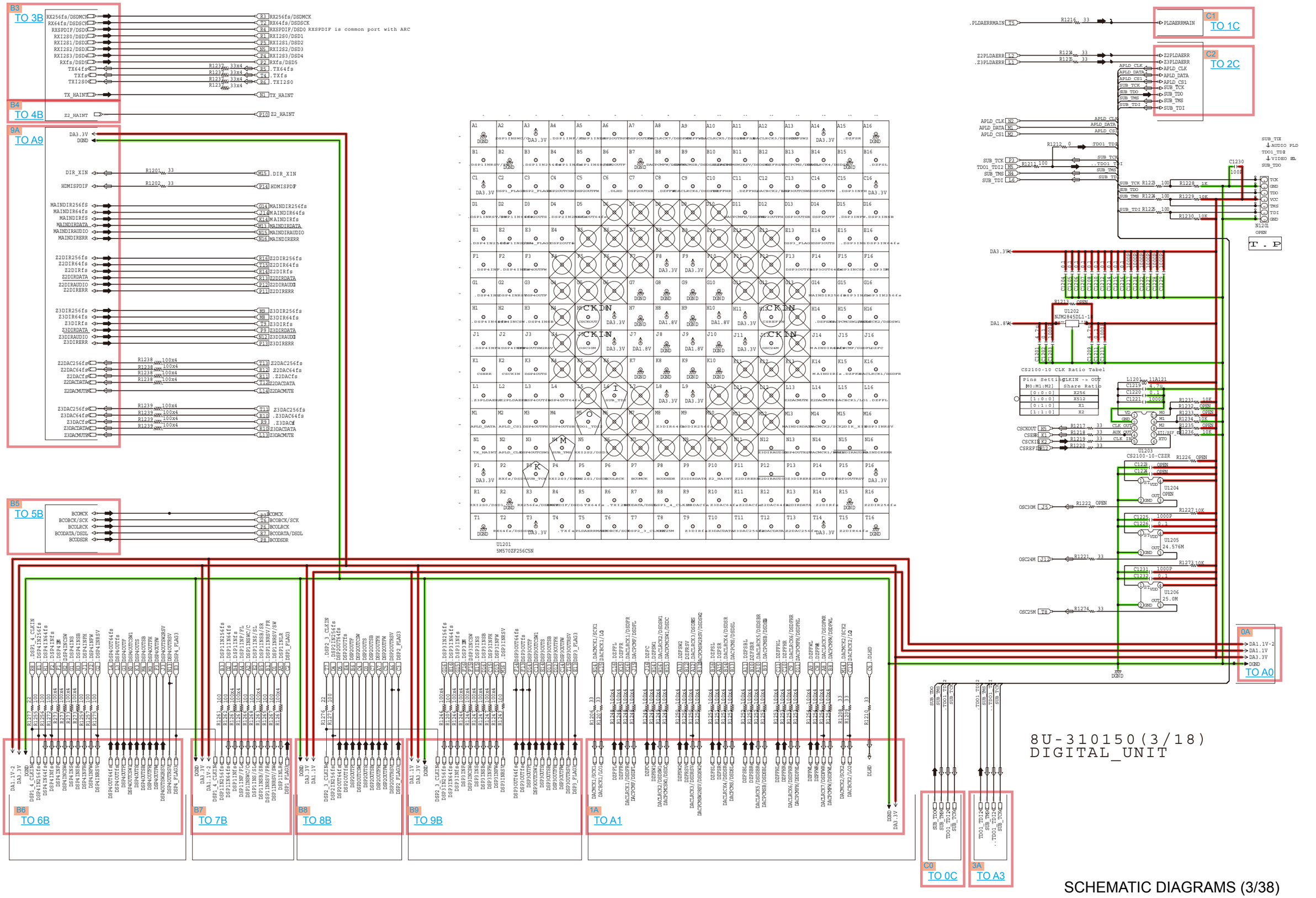
SCH01_DIGITAL CONNECT

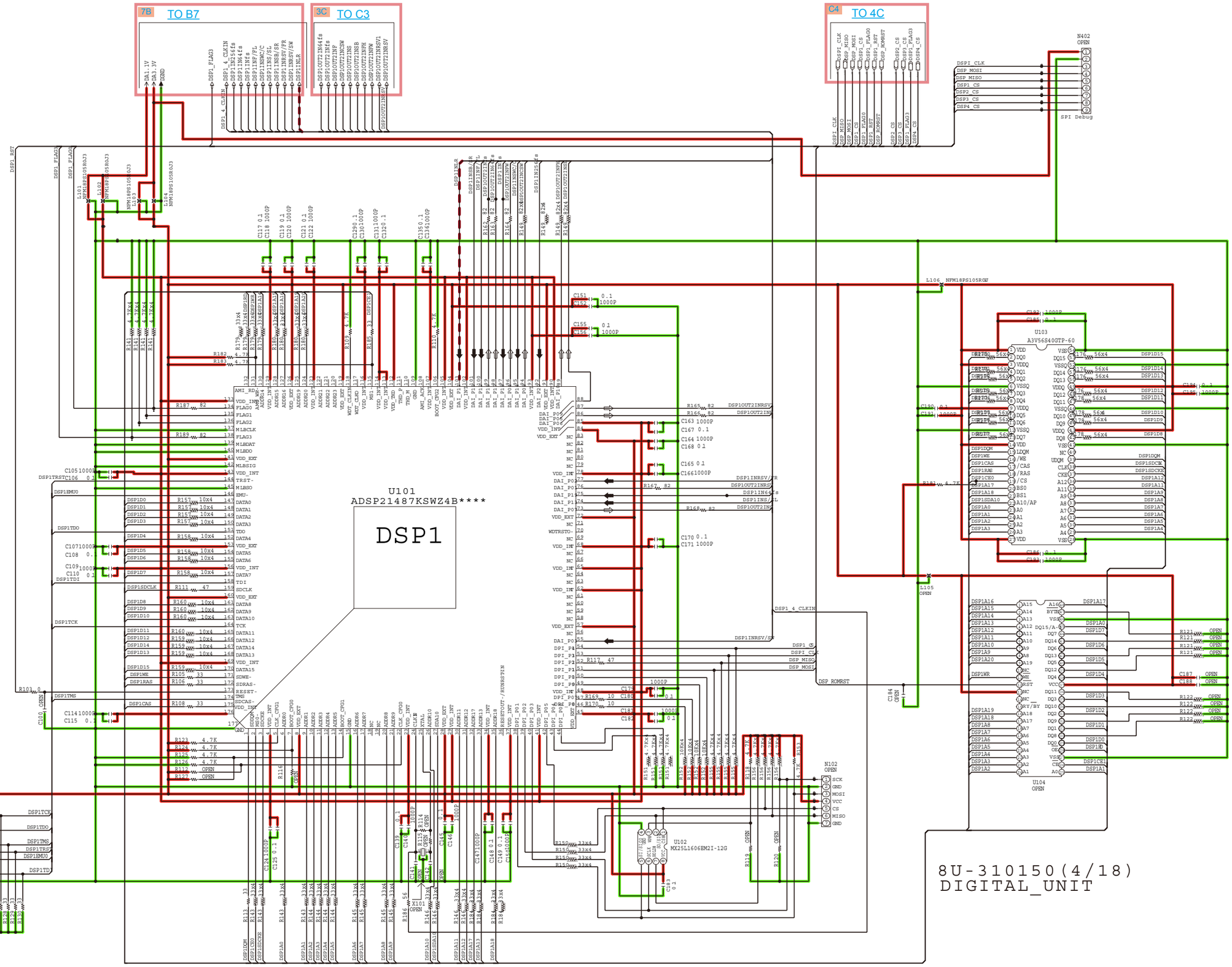


GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (2/38)

SCH02_DIR ADC ZONEDAC

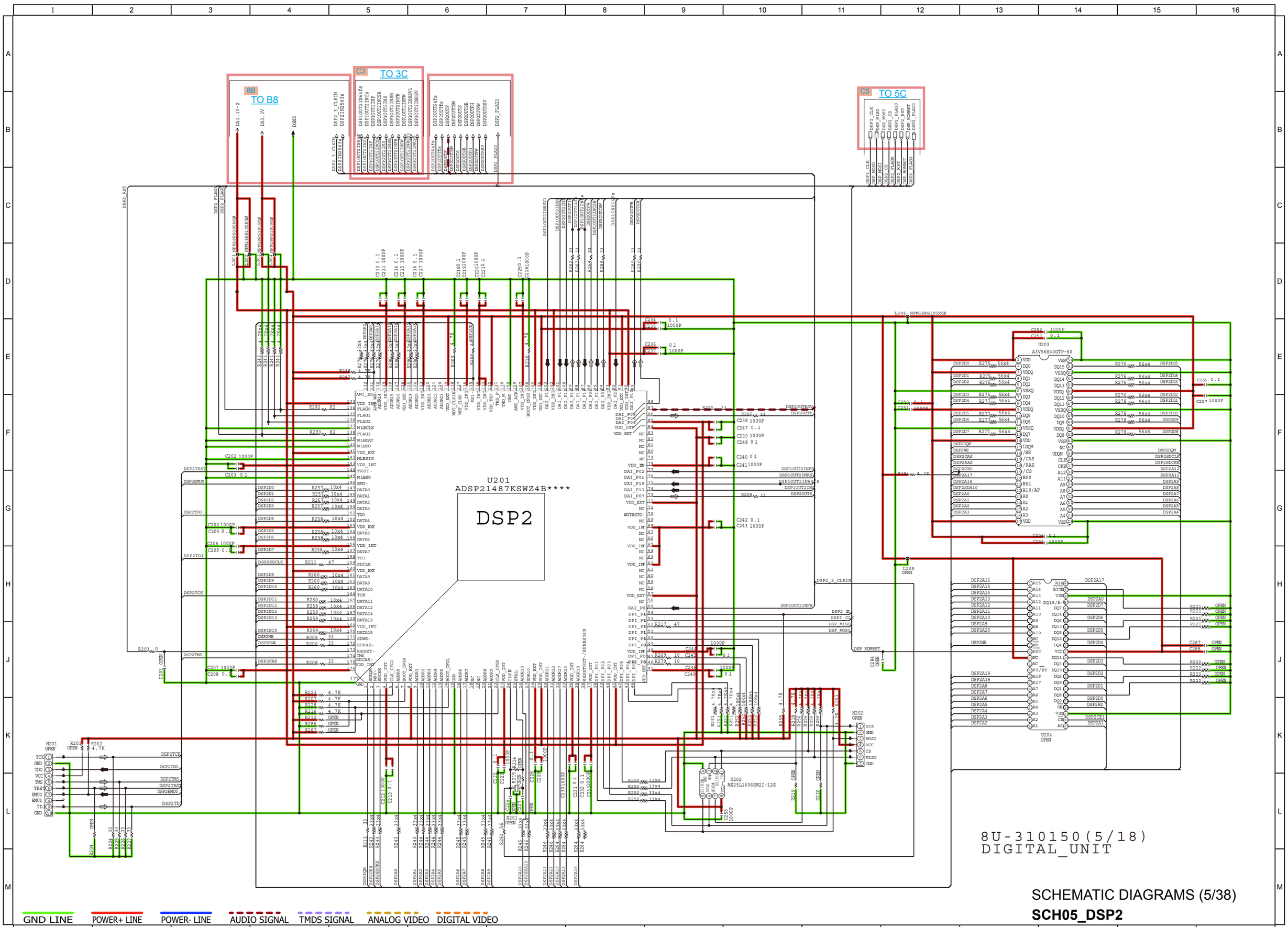

B3
TO 3B
RX256fs/DSDMCK
RX64fs/DSDSCK
RXSPDIF/DSD0
RXI2S0/DSD1
RXI2S1/DSD2
RXI2S2/DSD3
RXI2S3/DSD4
RXfs/DSD5
TX64fs
TXfs
TXI2S0
TX_HAINT
B4
TO 4B
Z2_HAINT
9A
TO A9
DA3.3V
DGND
DIR_XIN
HDMISPDIF
MAINDIR256fs
MAINDIR64fs
MAINDIRfs
MAINDIRDATA
MAINDIRAUDIO
MAINDIRERR
Z2DIR256fs
Z2DIR64fs
Z2DIRfs
Z2DIRDATA
Z2DIRAUDIO
Z2DIRERR
Z3DIR256fs
Z3DIR64fs
Z3DIRfs
Z3DIRDATA
Z3DIRAUDIO
Z3DIRERR
Z2DAC256fs
Z2DAC64fs
Z2DACfs
Z2DACDATA
Z2DACMUTE
Z3DAC256fs
Z3DAC64fs
Z3DACfs
Z3DACDATA
Z3DACMUTE
U1201
5M570ZF256CSN
B5
TO 5B
BCOMCK
BCOBCK/SCK
BCOLRCK
BCODATA/DSDL
BCODSDR
B6
TO 6B
B7
TO 7B
B8
TO 8B
B9
TO 9B
1A
TO A1
C1
TO 1C
C2
TO 2C
PLDAERRMAIN
Z2PLDAERR
Z3PLDAERR
APLD_CLK
APLD_DATA
APLD_CS1
SUB_TCK
SUB_TDO
SUB_TMS
SUB_TDI
TDO1_TDI2
SUB_TDI
AUDIO PLD
VIDEO BL
U1202
NJM2845DL1-18
CS2100-10 CLK Ratio Tabel
Pins Setting [M0:M1:M2]
CLKIN -> OUT Share Ratio
[0:0:0] X256
[1:0:0] X512
[0:1:0] X1
[1:1:0] X2
U1203
CS2100-10-CZZR
U1204
U1205
24.576M
U1206
25.0M
OSC30M
OSC24M
OSC25M
0A
TO A0
C0
TO 0C
3A
TO A3
8U-310150(3/18)
DIGITAL_UNIT
SCHEMATIC DIAGRAMS (3/38)
SCH03_AUDIO PLD
GND LINE
POWER+ LINE
POWER- LINE
AUDIO SIGNAL
TMDS SIGNAL
ANALOG VIDEO
DIGITAL VIDEO

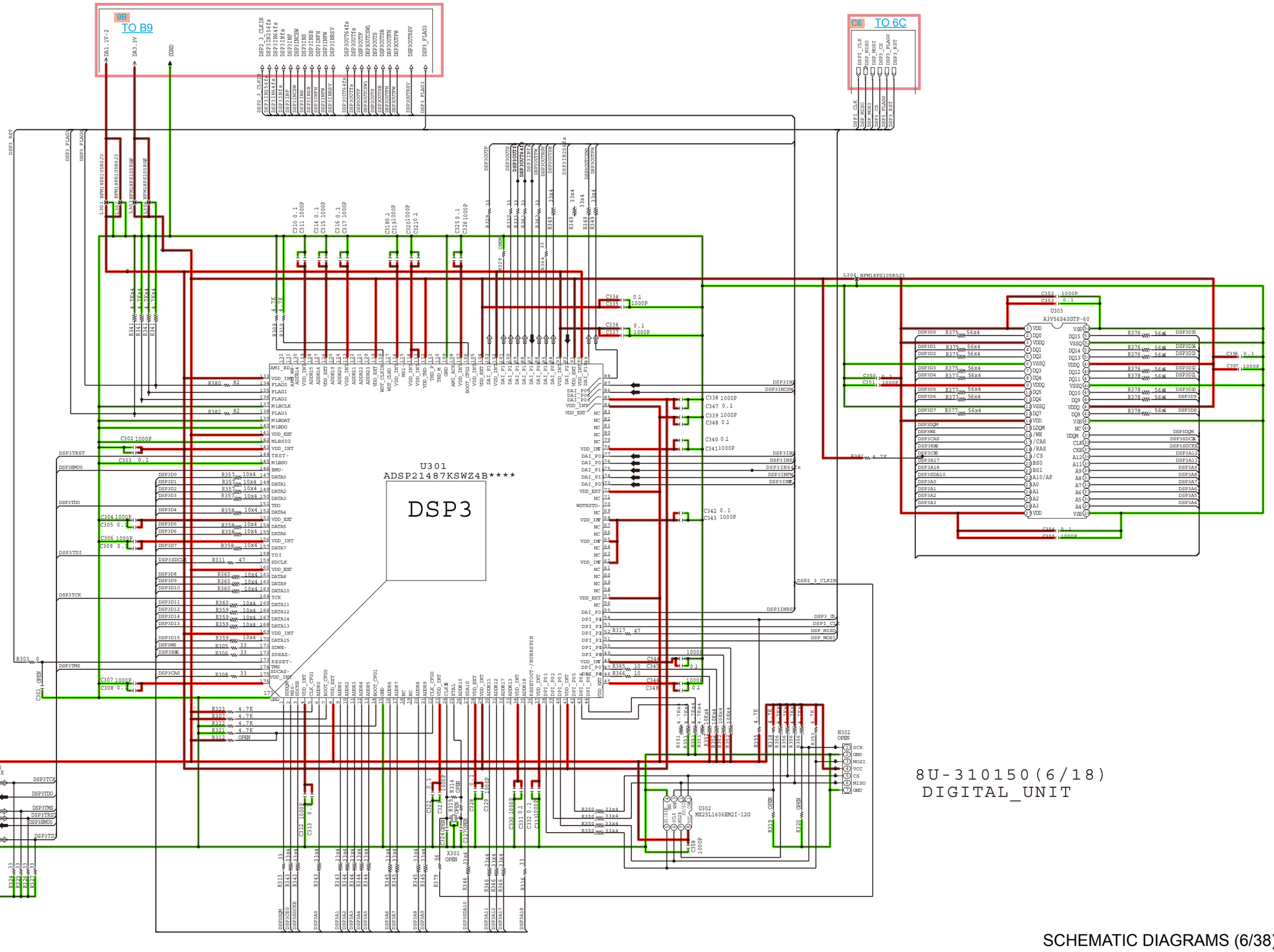


SCHEMATIC DIAGRAMS (4/38)

SCH04_DSP1

GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

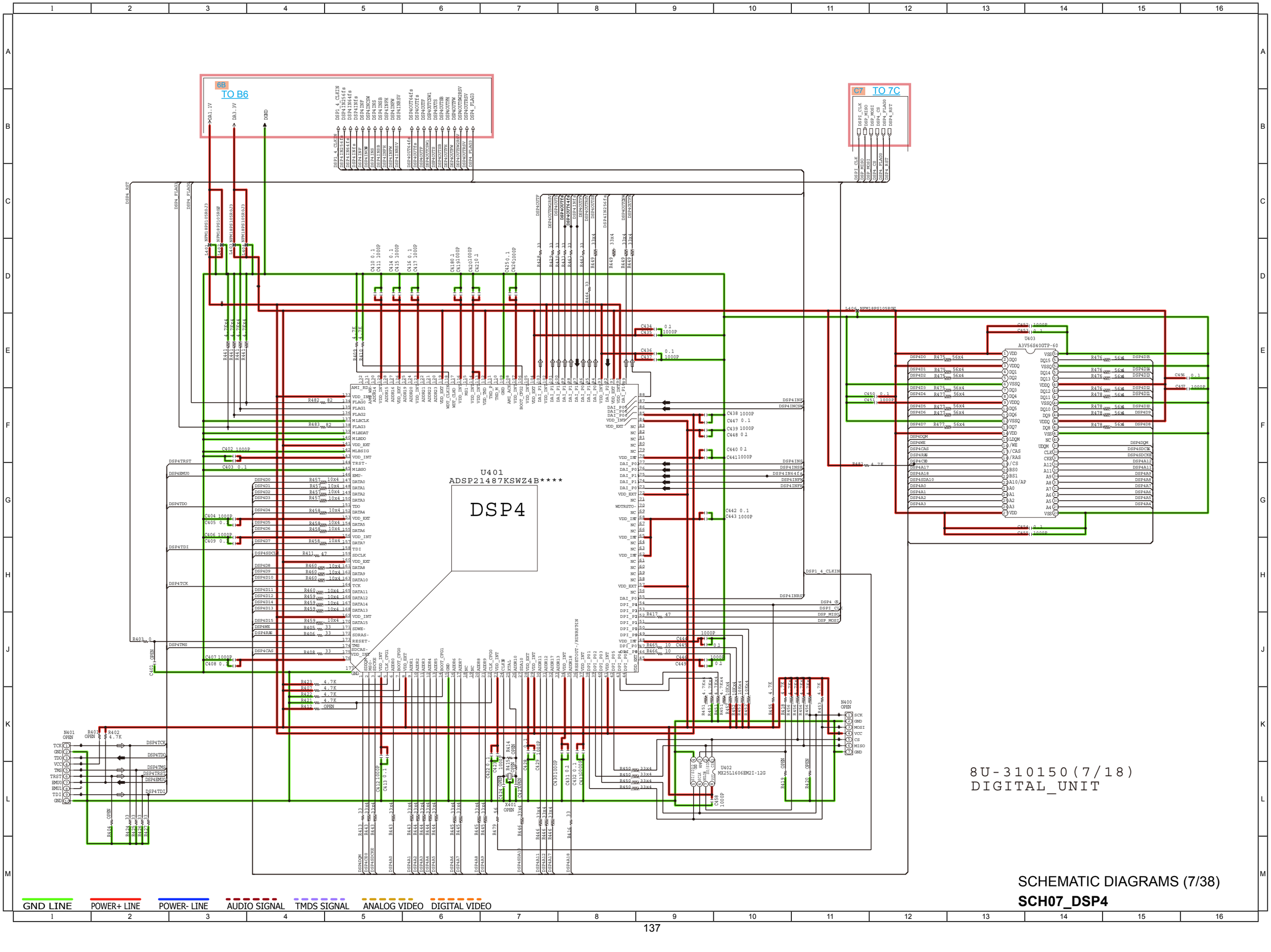

C3
TO 3C
8B
TO B8
C5
TO 5C
U201
ADSP21487KSWZ4B****
DSP2
U203
A3V56S40GTP-60
U202
MX25L1606EM2I-12G
U204
OPEN
U205
OPEN
N201
OPEN
N202
OPEN
8U-310150(5/18)
DIGITAL_UNIT
SCHEMATIC DIAGRAMS (5/38)
SCH05_DSP2
GND LINE
POWER+ LINE
POWER- LINE
AUDIO SIGNAL
TMDS SIGNAL
ANALOG VIDEO
DIGITAL VIDEO



GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (6/38)

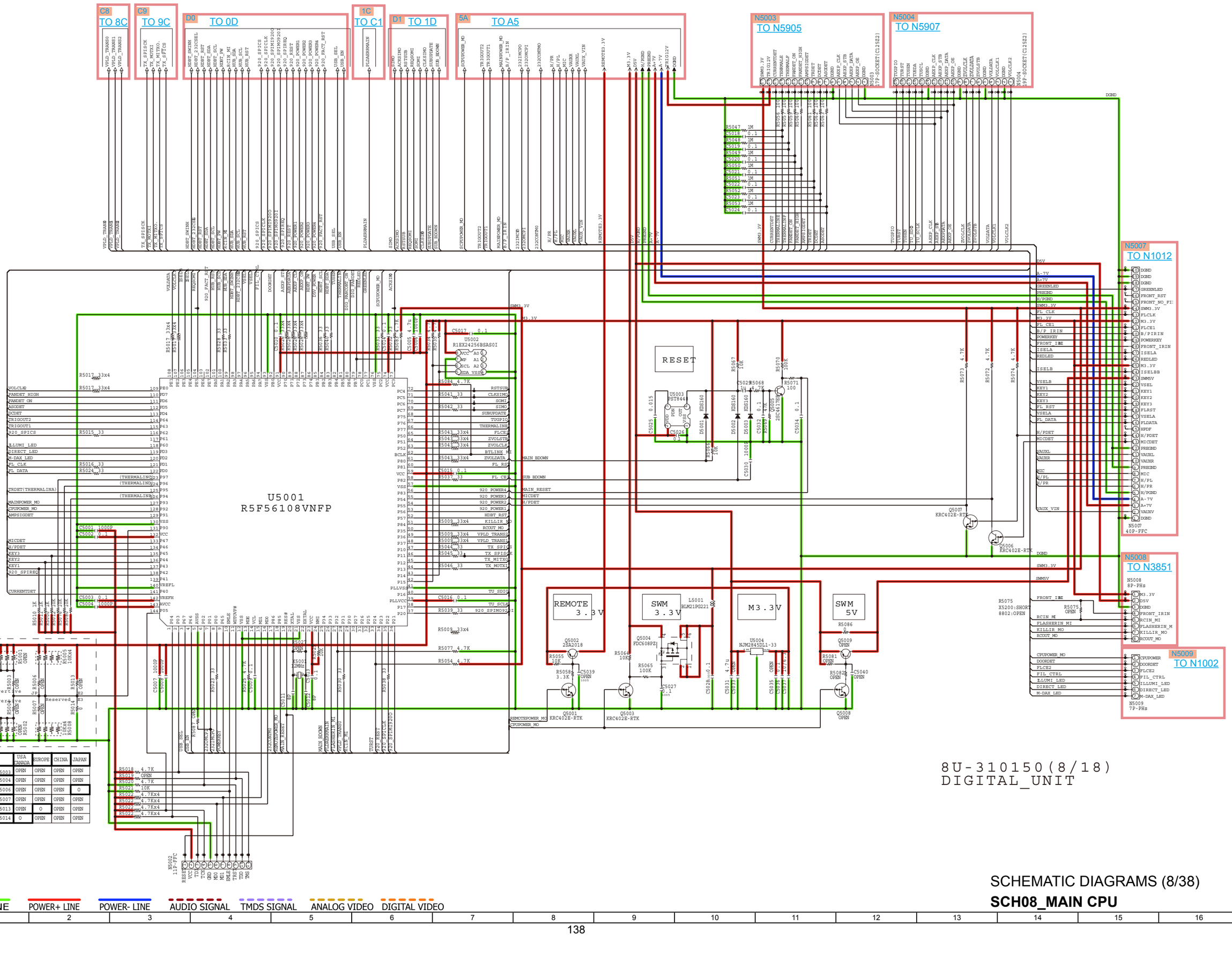
SCH06_DSP3



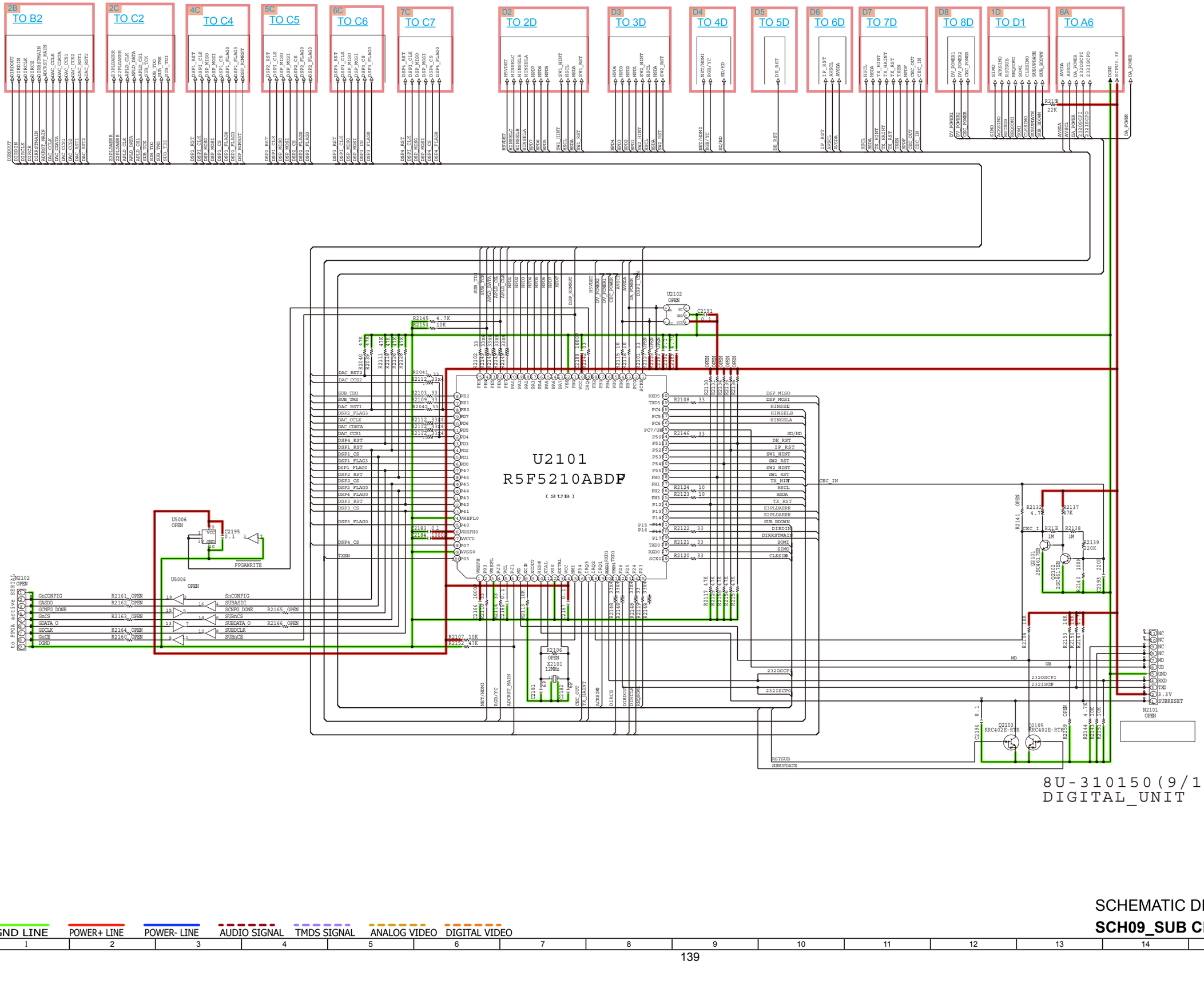
SCHEMATIC DIAGRAMS (7/38)

SCH07_DSP4

GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO



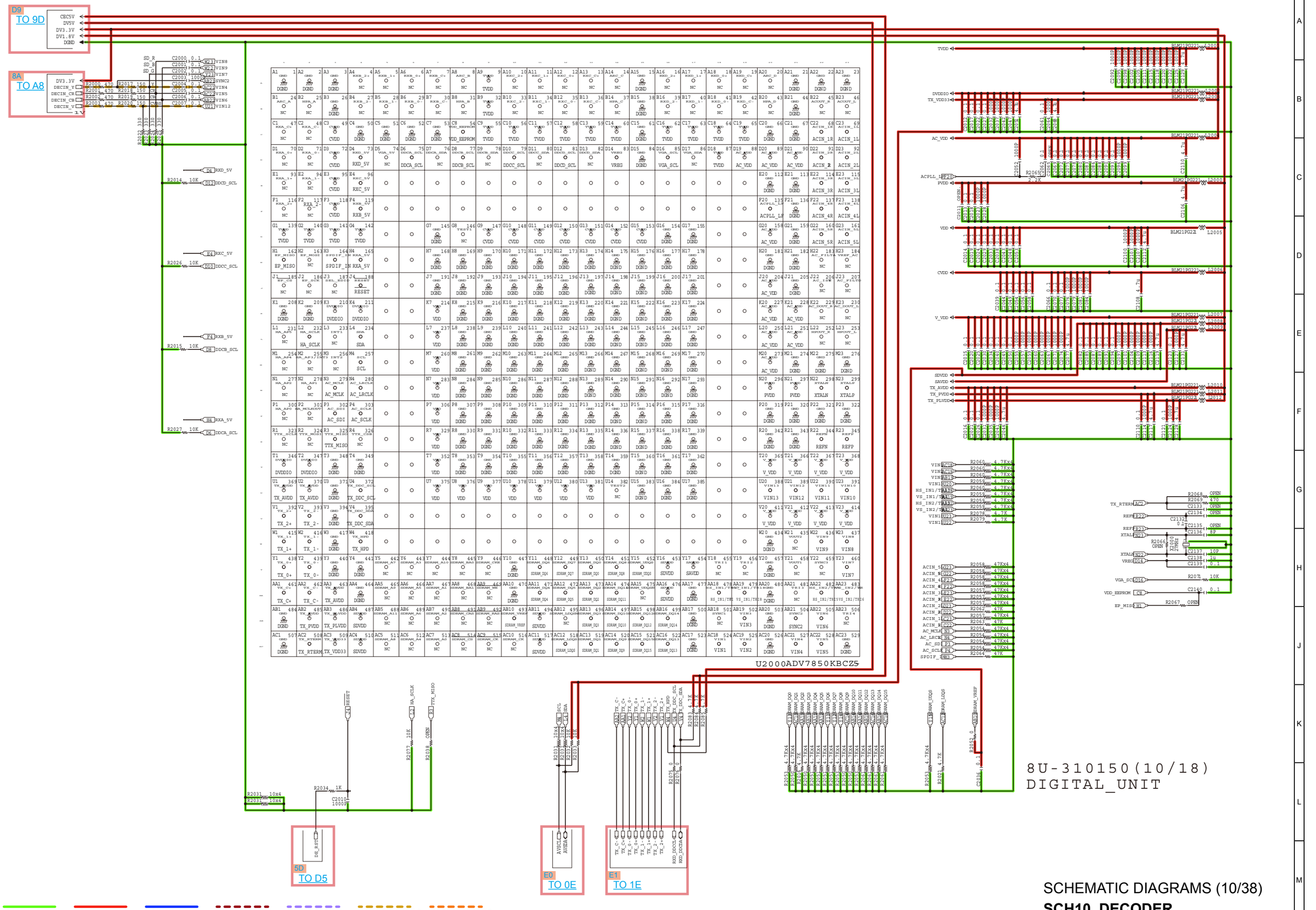
	USA CANADA	EUROPE	CHINA	JAPAN
R5003	OPEN	OPEN	OPEN	OPEN
R5004	OPEN	OPEN	OPEN	OPEN
R5006	OPEN	OPEN	OPEN	0
R5007	OPEN	OPEN	OPEN	OPEN
R5013	OPEN	0	OPEN	OPEN
R5014	0	OPEN	OPEN	OPEN

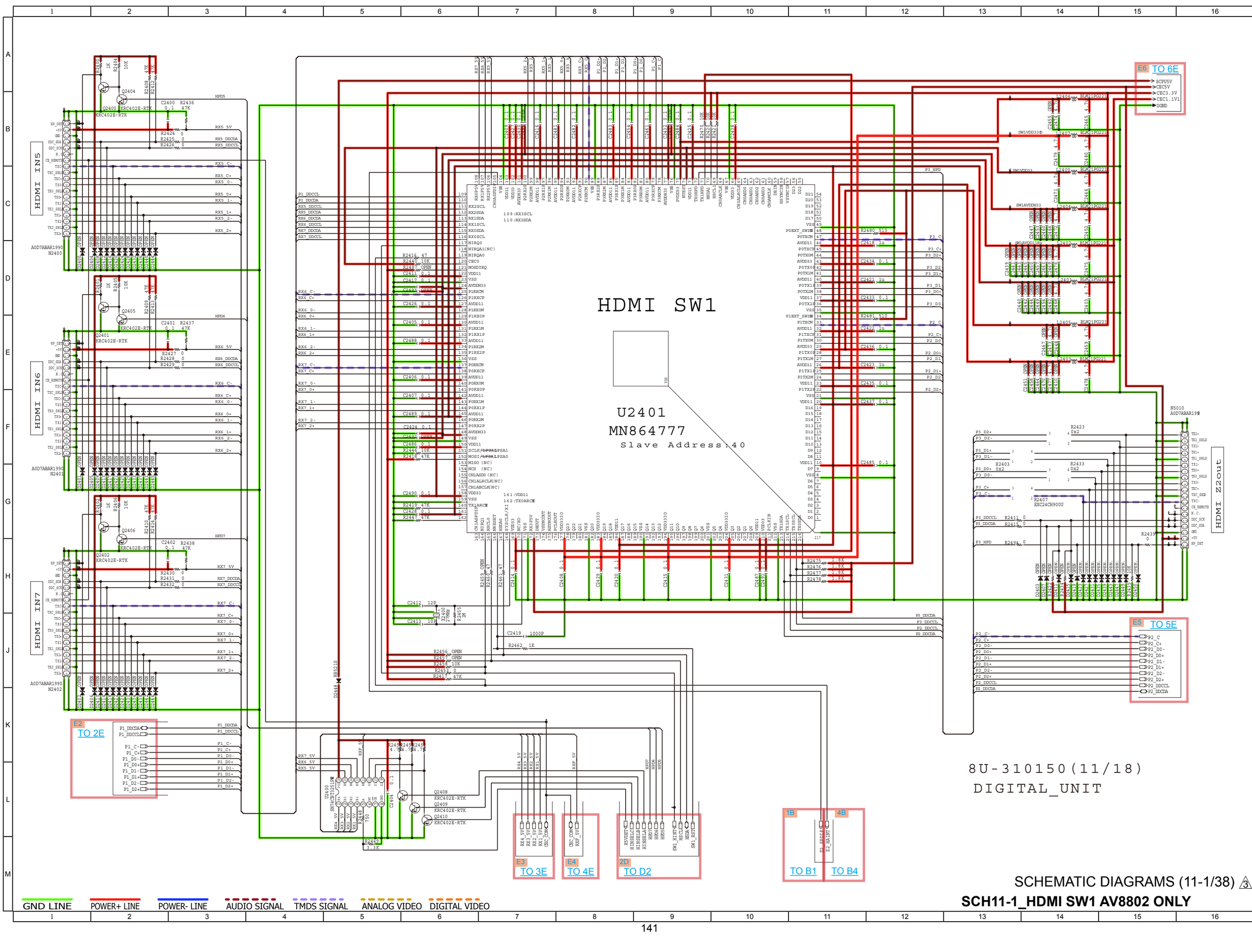


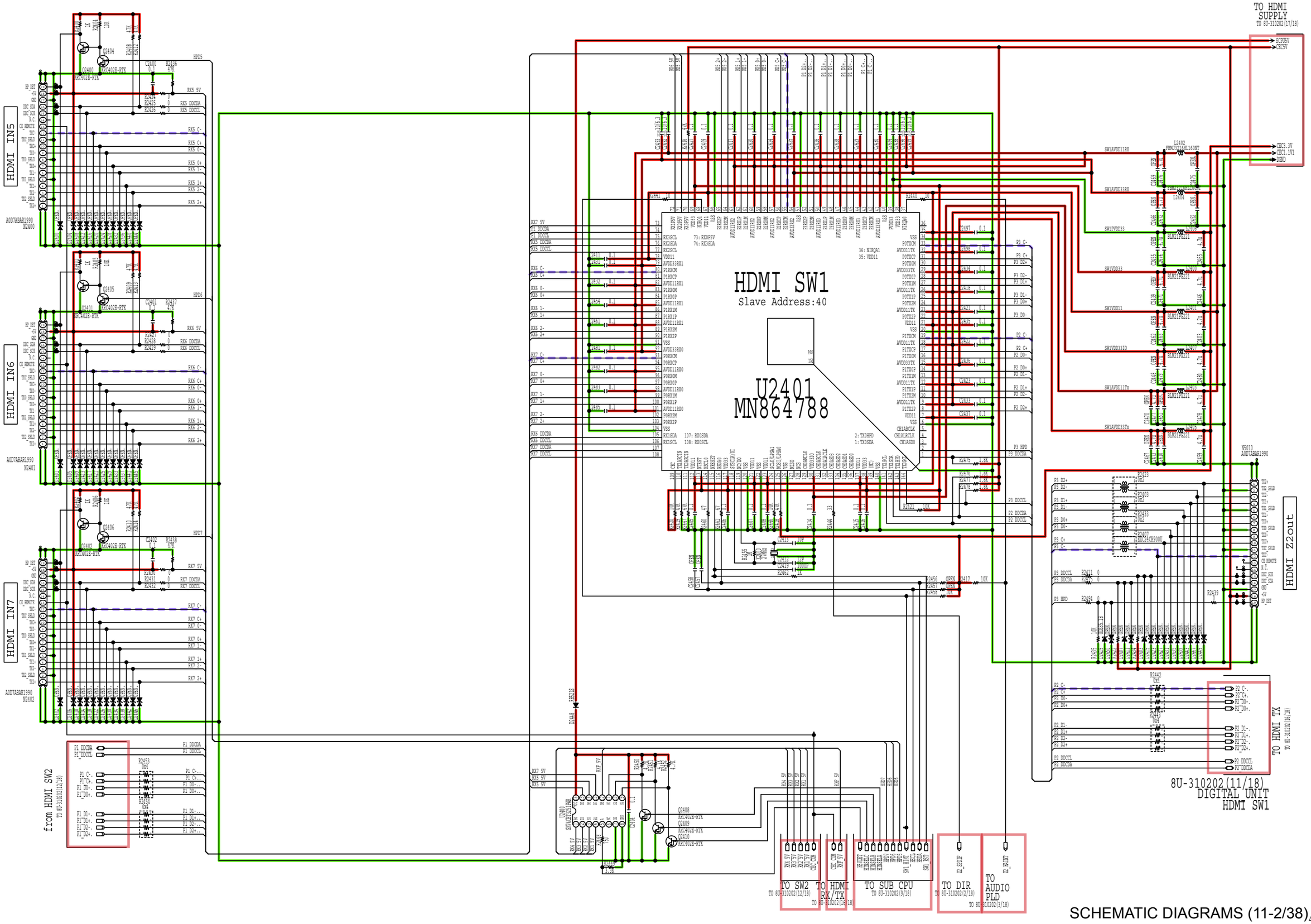
SCHEMATIC DIAGRAMS (9/38)

SCH09_SUB CPU

GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO


D9
TO 9D
CEC5V
DV5V
DV3.3V
DV1.8V
DGND
8A
TO A8
DV3.3V
DECIN_Y
DECIN_CR
DECIN_CB
DECIN_V
SD_R
SD_B
SD_G
U2000ADV7850KBCZ5
TVDD
DVDDIO
AC_VDD
ACPLL_LPF
PVDD
VDD
CVDD
V_VDD
SDVDD
SAVDD
TX_AVDD
TX_PVDD
TX_PLVDD
VIN_AC
VIN_AB
VIN1
HS_IN1/TRI8
VS_IN1/TRI9
HS_IN2/TRI6
VS_IN2/TRI7
TX_RTERM
REFP
XTALN
XTALP
VRBG
VGA_SCL
VDD_EEPROM
EP_MISO
RXD_5V
DDCD_SCL
RXC_5V
RXA_5V
DDCC_SCL
RXB_5V
DDCB_SCL
DDCA_SCL
RXA_5V
DDCA_SCL
RXB_5V
DDCB_SCL
RXC_5V
DDCC_SCL
RXD_5V
DDCD_SCL
RESET
HA_SCLK
SDA
SCL
AC_MCLK
AC_LRCLK
AC_SDI
AC_SCLK
TTX_MISO
TTX_CSB
TX_DDC_SCL
TX_DDC_SDA
TX_HPD
SPDIF_IN
RXA_5V
DE_RST
5D
TO D5
E0
TO 0E
E1
TO 1E
8U-310150(10/18)
DIGITAL_UNIT
SCHEMATIC DIAGRAMS (10/38)
SCH10_DECODER
GND LINE
POWER+ LINE
POWER- LINE
AUDIO SIGNAL
TMDS SIGNAL
ANALOG VIDEO
DIGITAL VIDEO


HDMI SW1
U2401
MN864777
Slave Address:40
HDMI IN5
HDMI IN6
HDMI IN7
HDMI Z2out
E6 TO 6E
E5 TO 5E
E2 TO 2E
E3 TO 3E
E4 TO 4E
2D TO D2
1B TO B1
4B TO B4
8U-310150(11/18)
DIGITAL_UNIT
SCHEMATIC DIAGRAMS (11-1/38)
SCH11-1_HDMI SW1 AV8802 ONLY
GND LINE
POWER+ LINE
POWER- LINE
AUDIO SIGNAL
TMDS SIGNAL
ANALOG VIDEO
DIGITAL VIDEO



SCHEMATIC DIAGRAMS (11-2/38)△3

SCH11-2_HDMI SW1 AV8802A ONLY

GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

HDMI SW2

U2601
MN864777
Slave Address:70

HDMI IN1
HDMI IN2
HDMI IN3
HDMI IN4

8U-310150(12/18)
DIGITAL_UNIT

SCHEMATIC DIAGRAMS (12-1/38) ⚠3

SCH12-1_HDMI SW2 AV8802 ONLY

GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

HDMI IN1

HDMI IN2

HDMI IN3

HDMI IN4

HDMI SW2

Slave Address:70

U2601
MN864788

TO HDMI SUPPLY
TO 8U-310202(17/18)

TO HDMI SW1
TO 8U-310202(11/18)

TO HDMI TX
TO 8U-310202(16/18)

TO SW1
TO 8U-310202(11/18)

TO SUB CPU
TO 8U-310202(9/18)

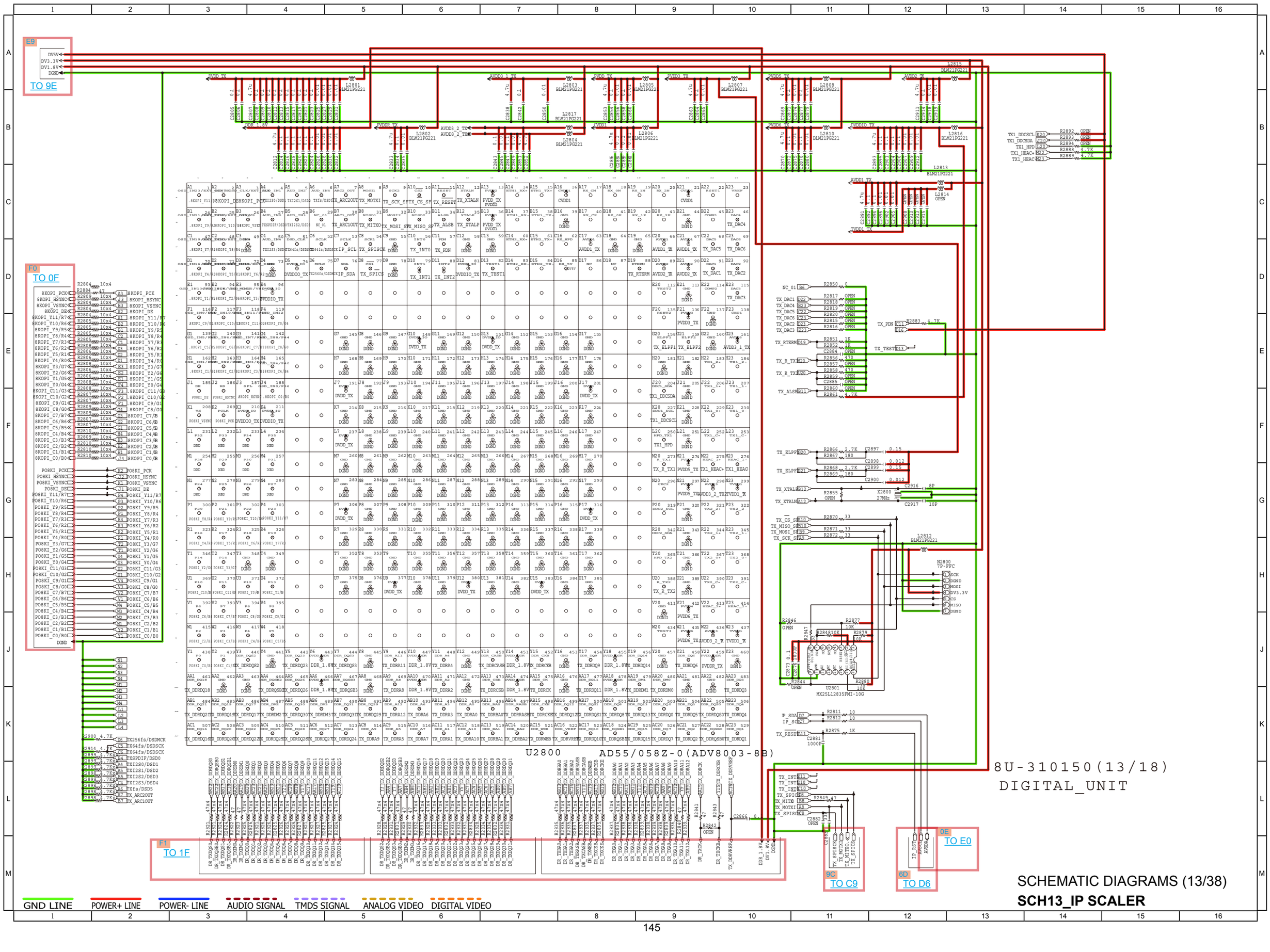
8U-310202(12/18)
DIGITAL_UNIT

HDMI SW2

SCHEMATIC DIAGRAMS (12-2/38)△3

SCH12-2_HDMI SW2 AV8802A ONLY

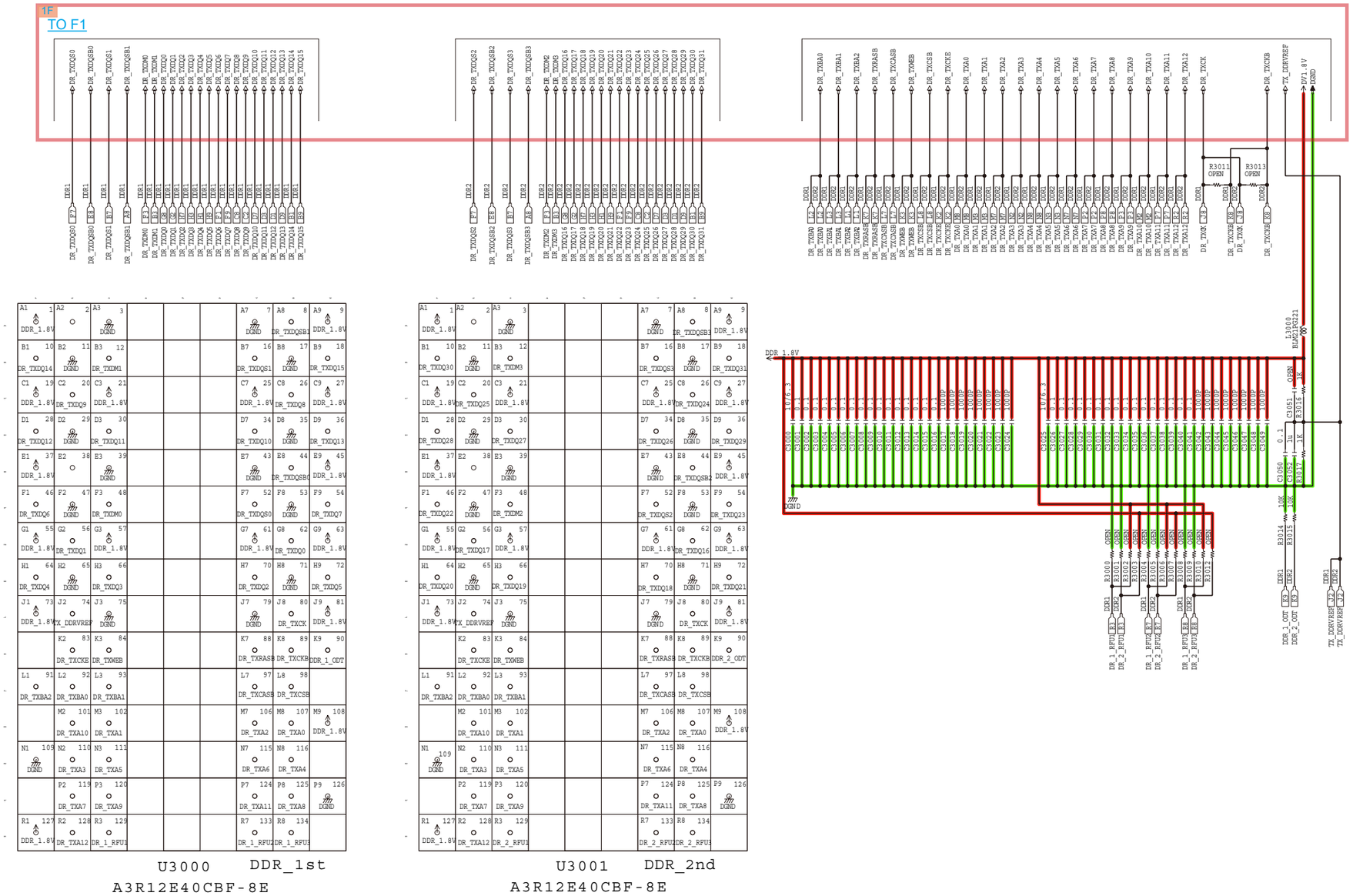
GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO



GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (13/38)

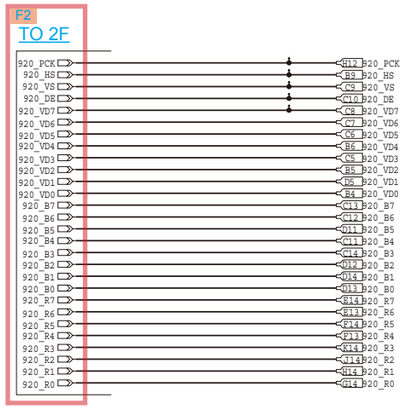
SCH13_IP SCALER

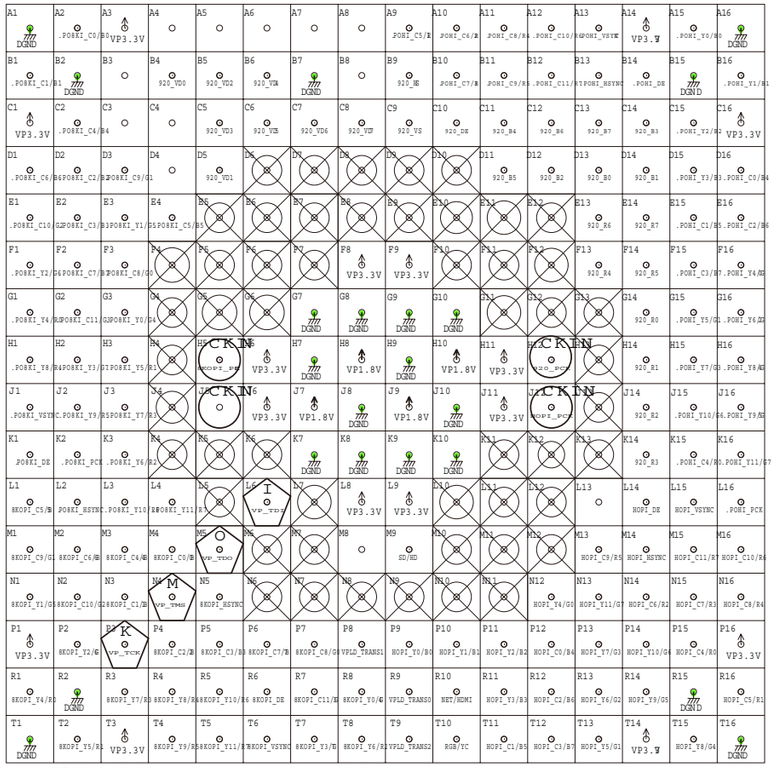


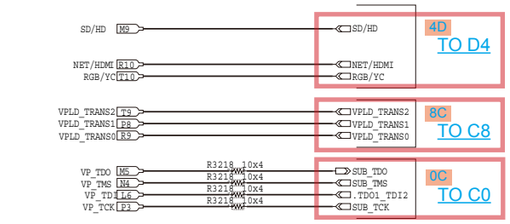
GND LINE POWER+ LINE POWER- LINE AUDIO SIGNAL TMDS SIGNAL ANALOG VIDEO DIGITAL VIDEO

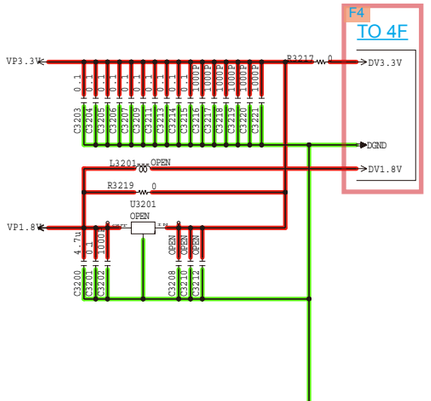
SCHEMATIC DIAGRAMS (14/38)

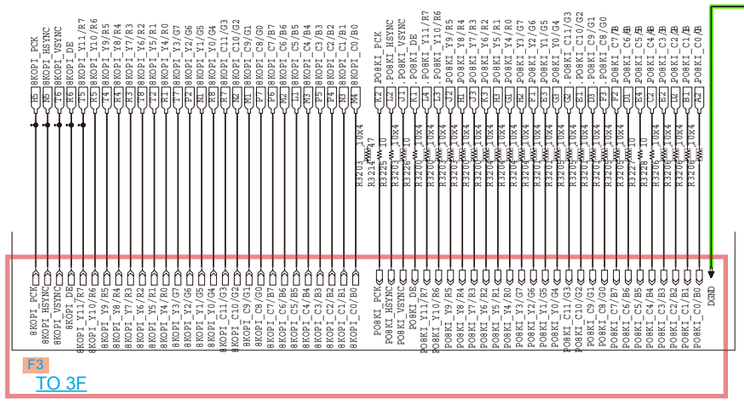
SCH14_IP SCALER DDR

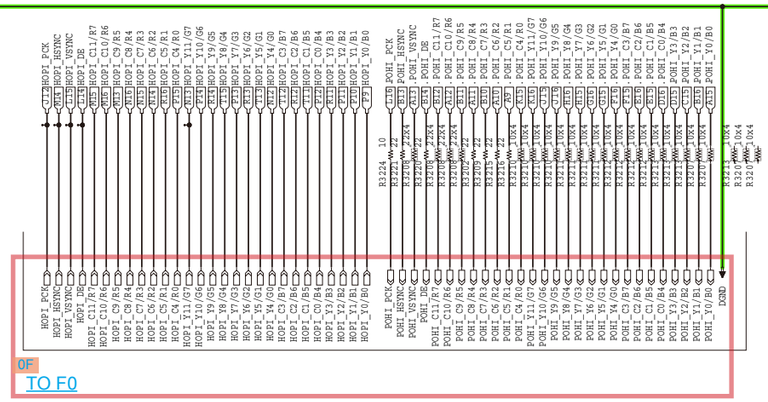










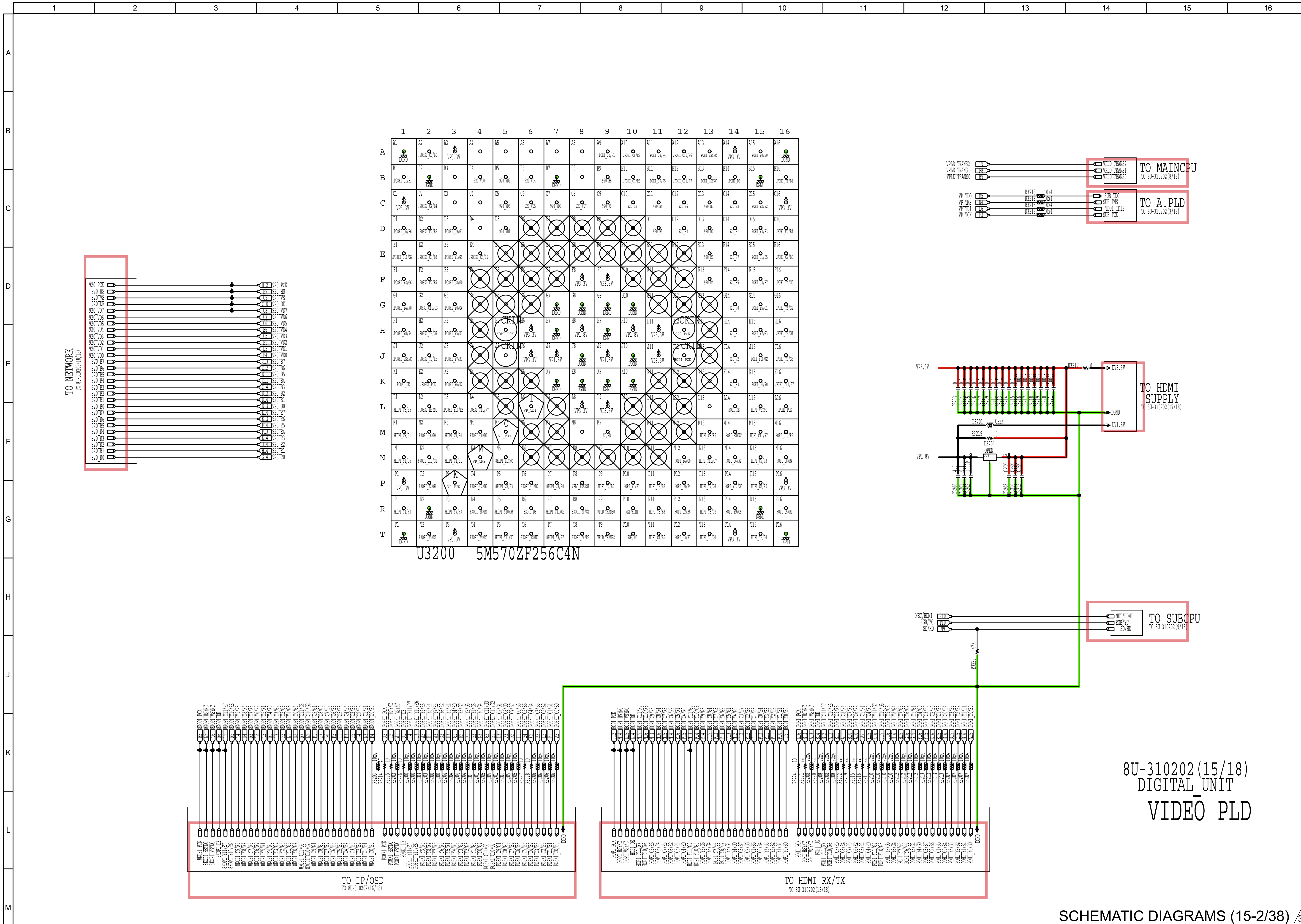


8U-310150(15/18)
DIGITAL_UNIT

SCHEMATIC DIAGRAMS (15-1/38) △3

SCH15-1_VIDEO PLD AV8802 ONLY

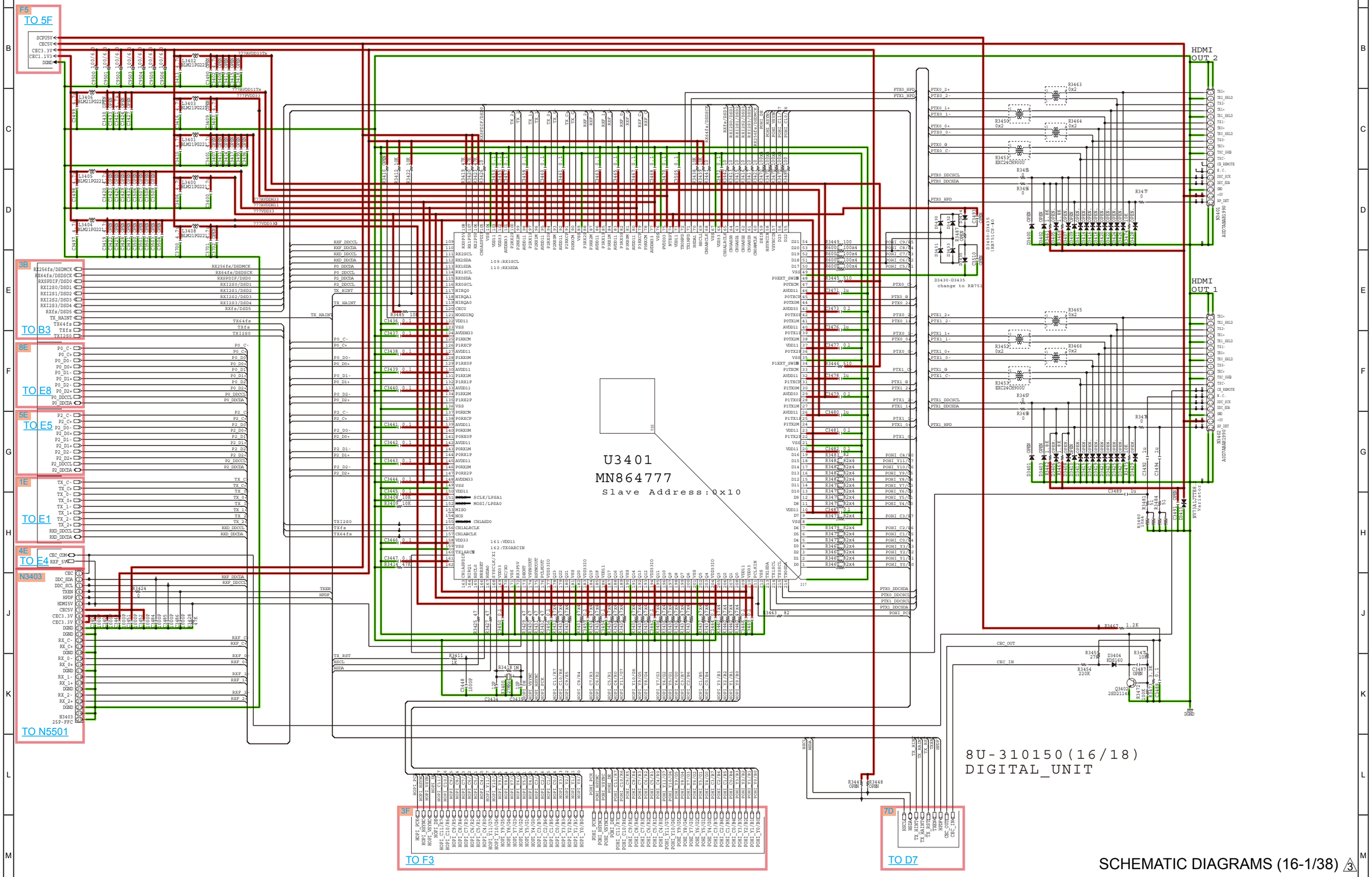
GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO



GND LINE POWER+ LINE POWER- LINE AUDIO SIGNAL TMDS SIGNAL ANALOG VIDEO DIGITAL VIDEO

SCHEMATIC DIAGRAMS (15-2/38)

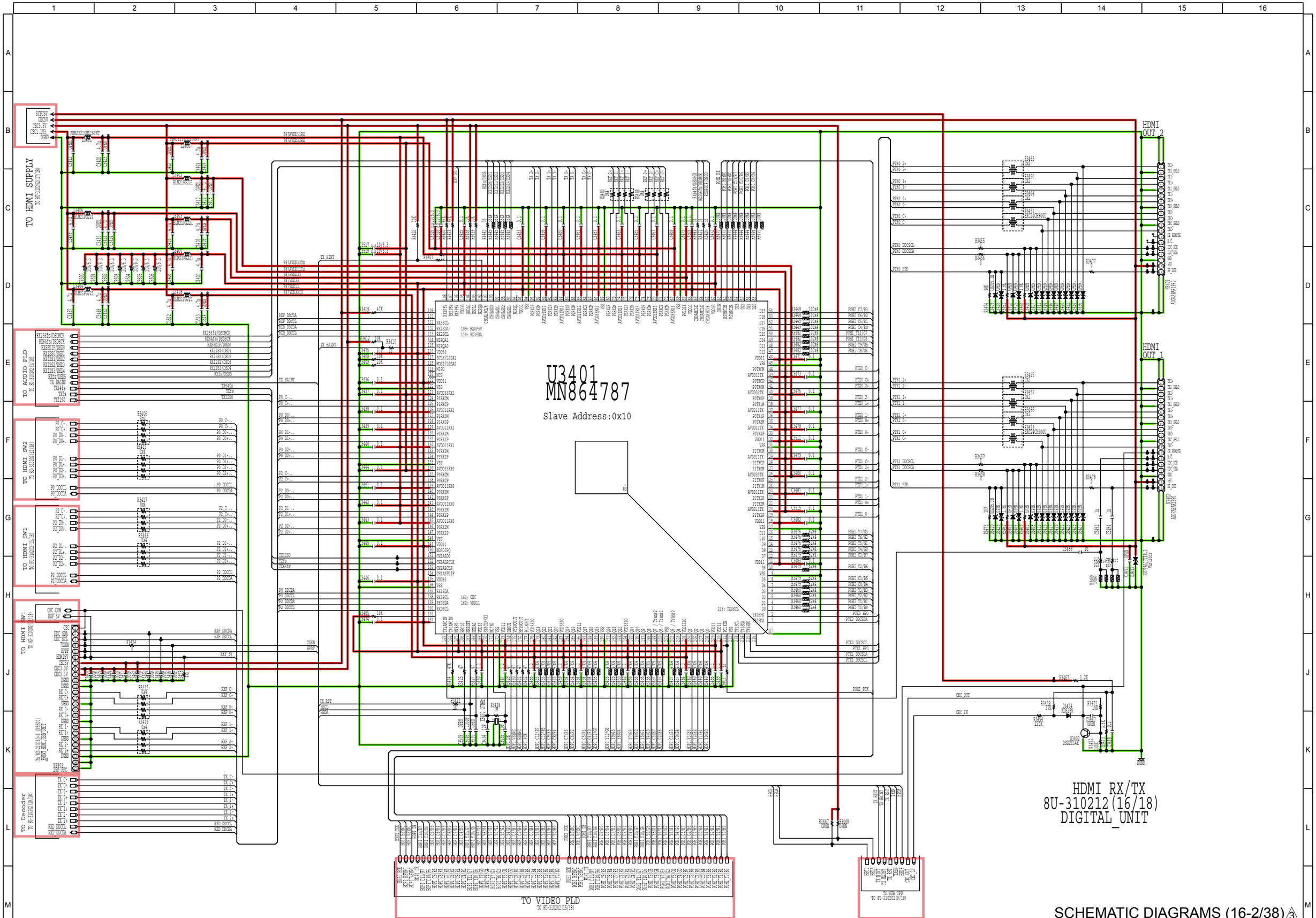
SCH15-2_VIDEO PLD AV8802A ONLY



SCHEMATIC DIAGRAMS (16-1/38) ⚠3

SCH16-1_HDMI RX TX AV8802 ONLY

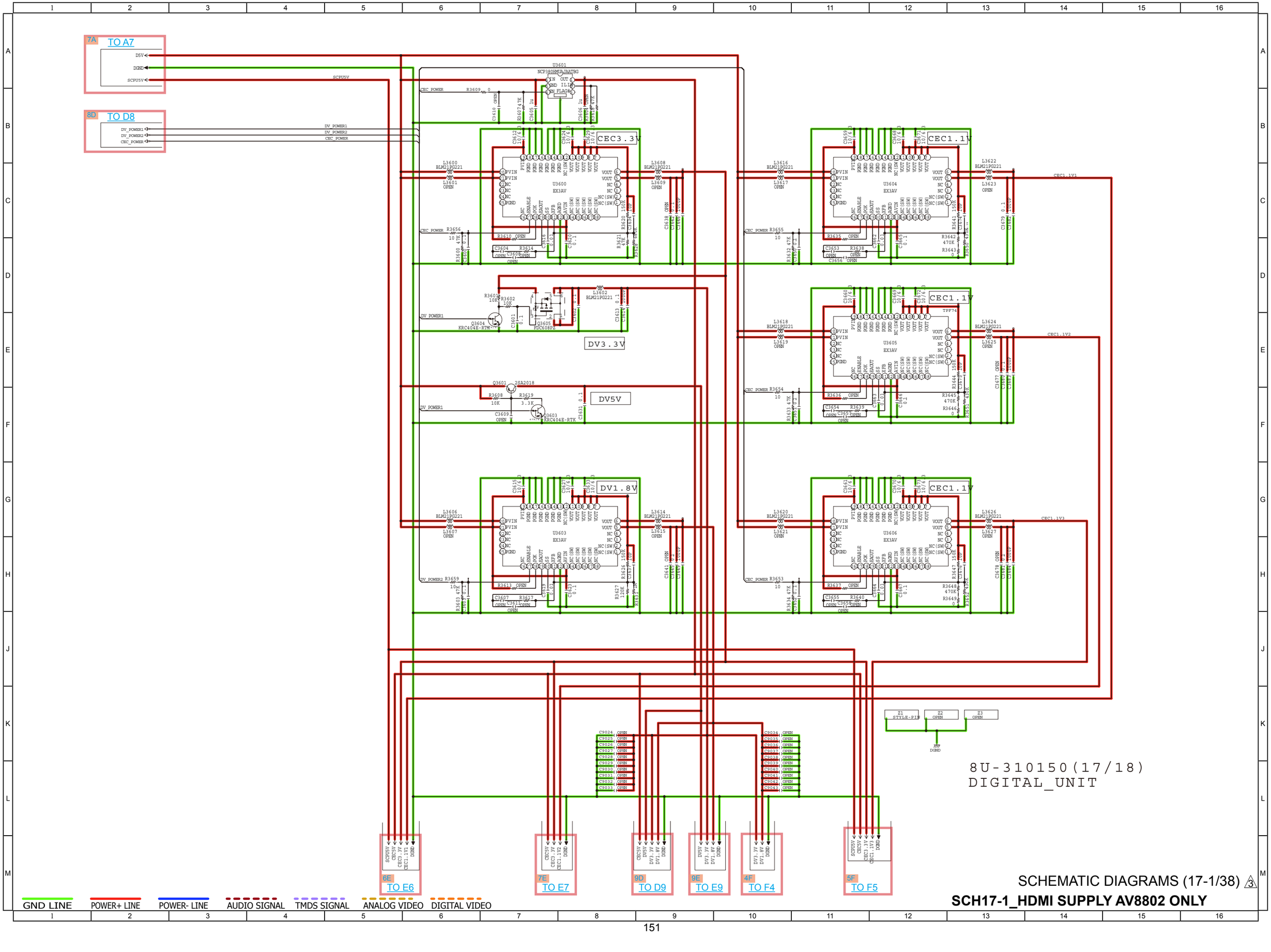
GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO



GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (16-2/38)△3

SCH16-2_HDMI RX TX AV8802A ONLY



SCHEMATIC DIAGRAMS (17-1/38) ⚠3

SCH17-1_HDMI SUPPLY AV8802 ONLY

8U-310202(17/18)
DIGITAL_UNIT

TO DIGITAL CONNECT
TO 8U-310202(1/18)

TO SUBCPU
TO 8U-310202(9/18)

CEC3.3V
DV3.3V
DV5V
DV1.8V
CEC1.1V
CEC1.1V
CEC1.1V

HDMI SUPPLY

TO HDMI SW1
TO 8U-310202(11/18)

TO HDMI SW2
TO 8U-310202(12/18)

TO DEC
TO 8U-310202(10/18)

TO IP
TO 8U-310202(13/18)

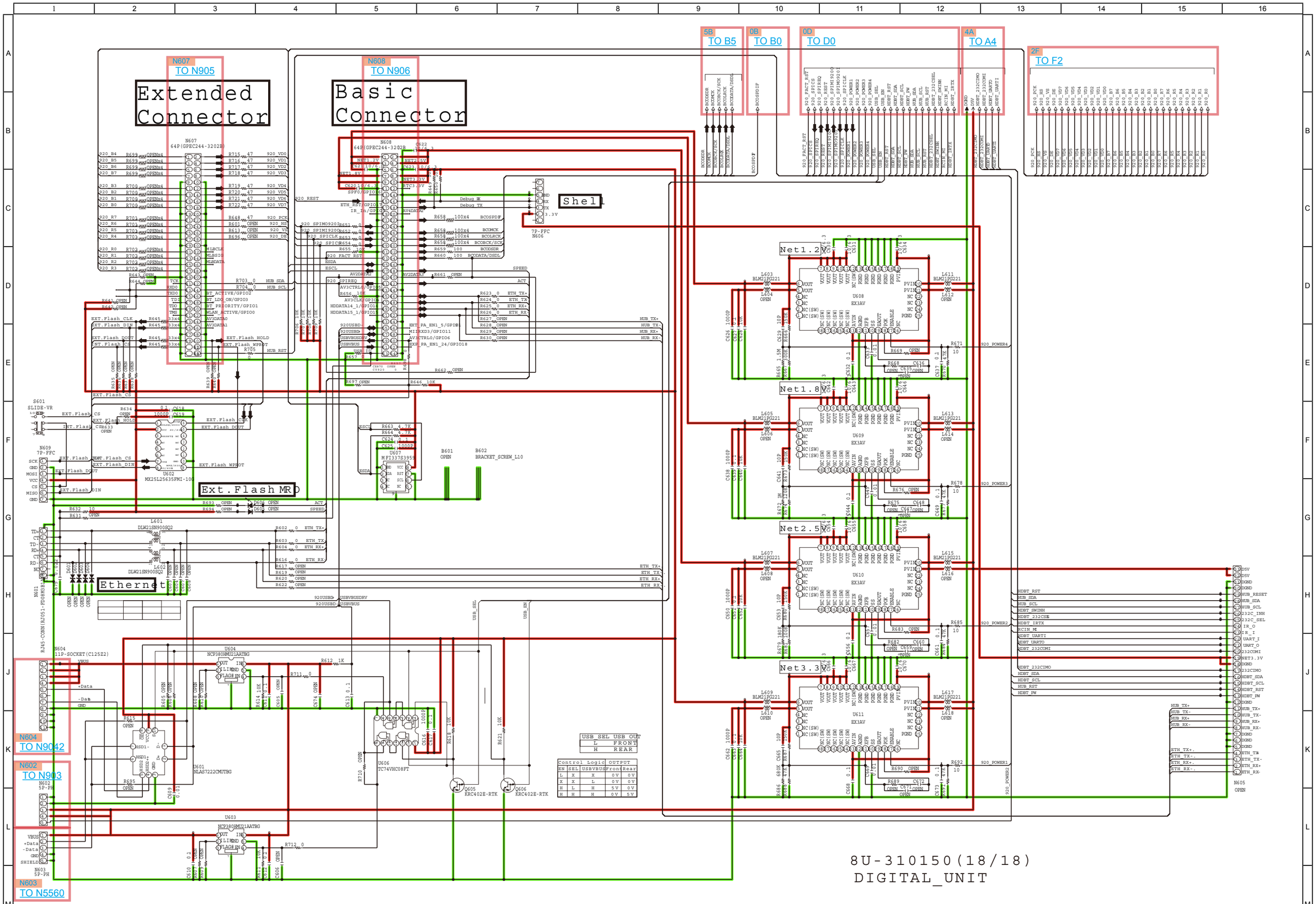
TO VPLD
TO 8U-310202(15/16)

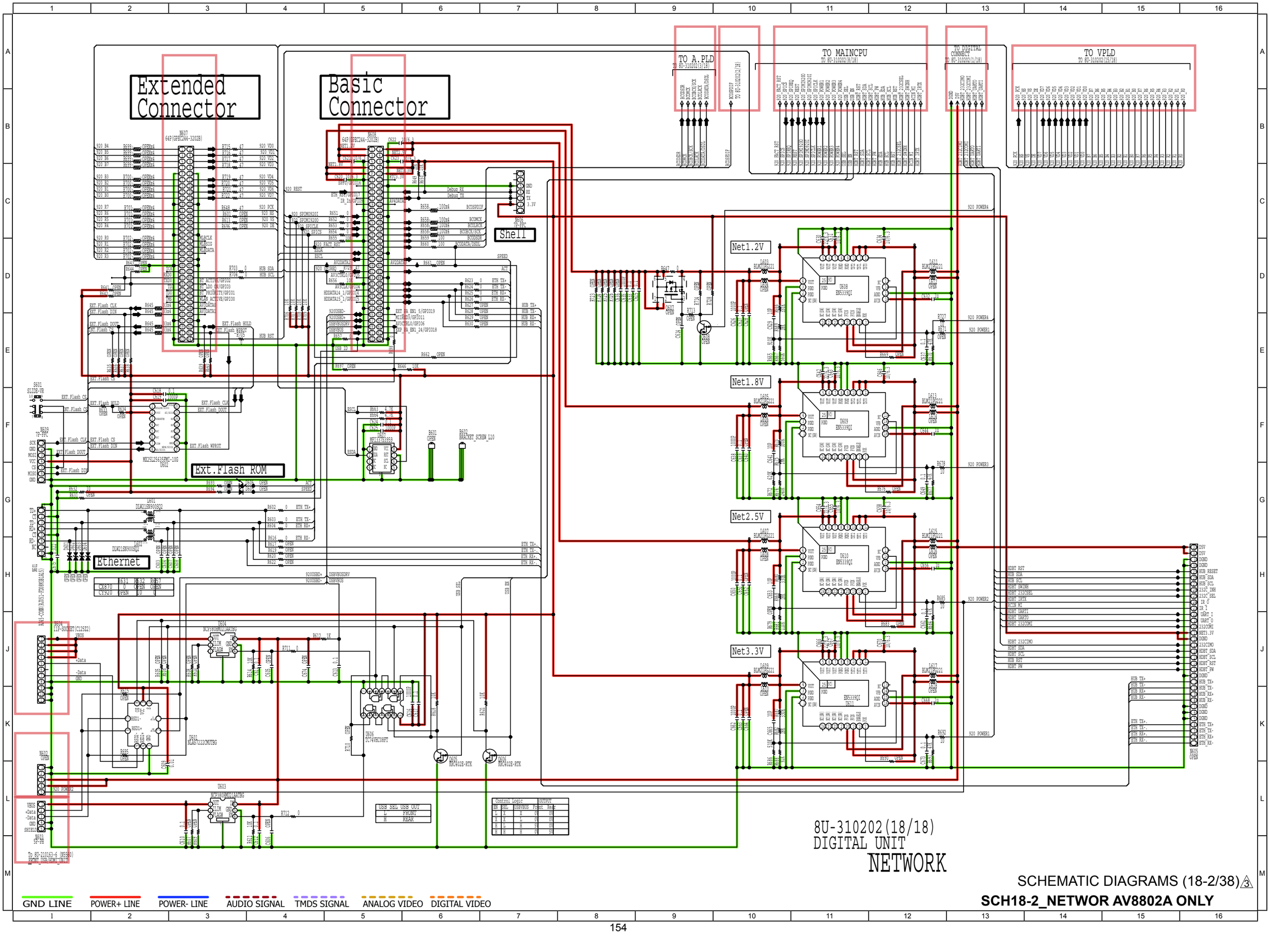
TO HDMI RX/TX
TO 8U-310202(16/16)

GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (17-2/38)△3

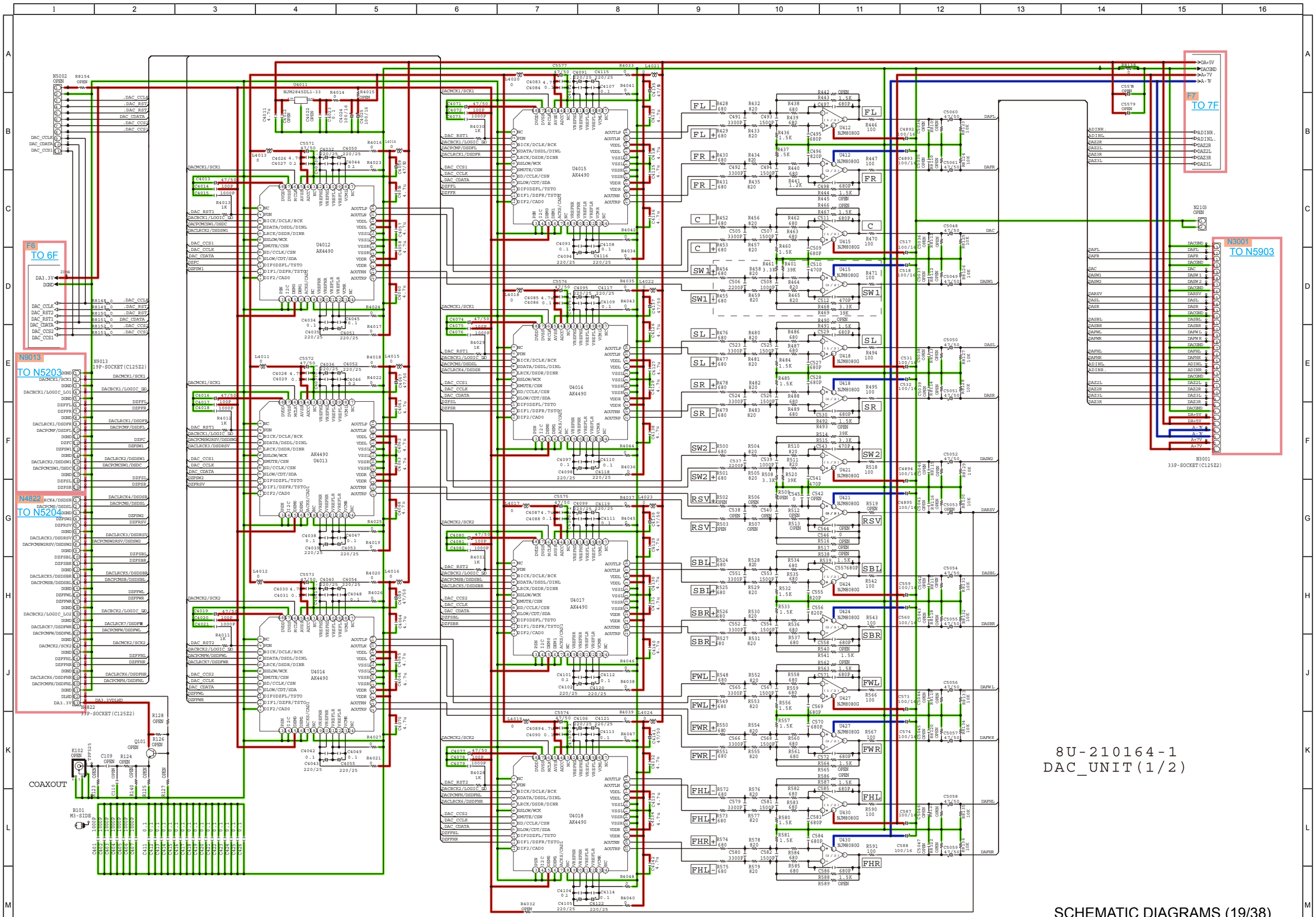
SCH17-2_HDMI SUPPLY AV8802A ONLY


Extended Connector
Basic Connector
N607
TO N905
N608
TO N906
5B
TO B5
0B
TO B0
0D
TO D0
4A
TO A4
2F
TO F2
Shell
Ext.Flash MROM
Ethernet
Net1.2
Net1.8
Net2.5
Net3.3
N604
TO N9042
N602
TO N903
N603
TO N5560
USB_SEL USB_OUT
L FRONT
H REAR
Control Logic OUTPUT
EN SEL USBVBUS Front Rear
L X X 0V 0V
H L H 5V 0V
H H H 0V 5V
8U-310150(18/18)
DIGITAL_UNIT
GND LINE
POWER+ LINE
POWER- LINE
AUDIO SIGNAL
TMDS SIGNAL
ANALOG VIDEO
DIGITAL VIDEO
SCHEMATIC DIAGRAMS (18-1/38) ⚠3
SCH18-1_NETWOR AV8802 ONLY



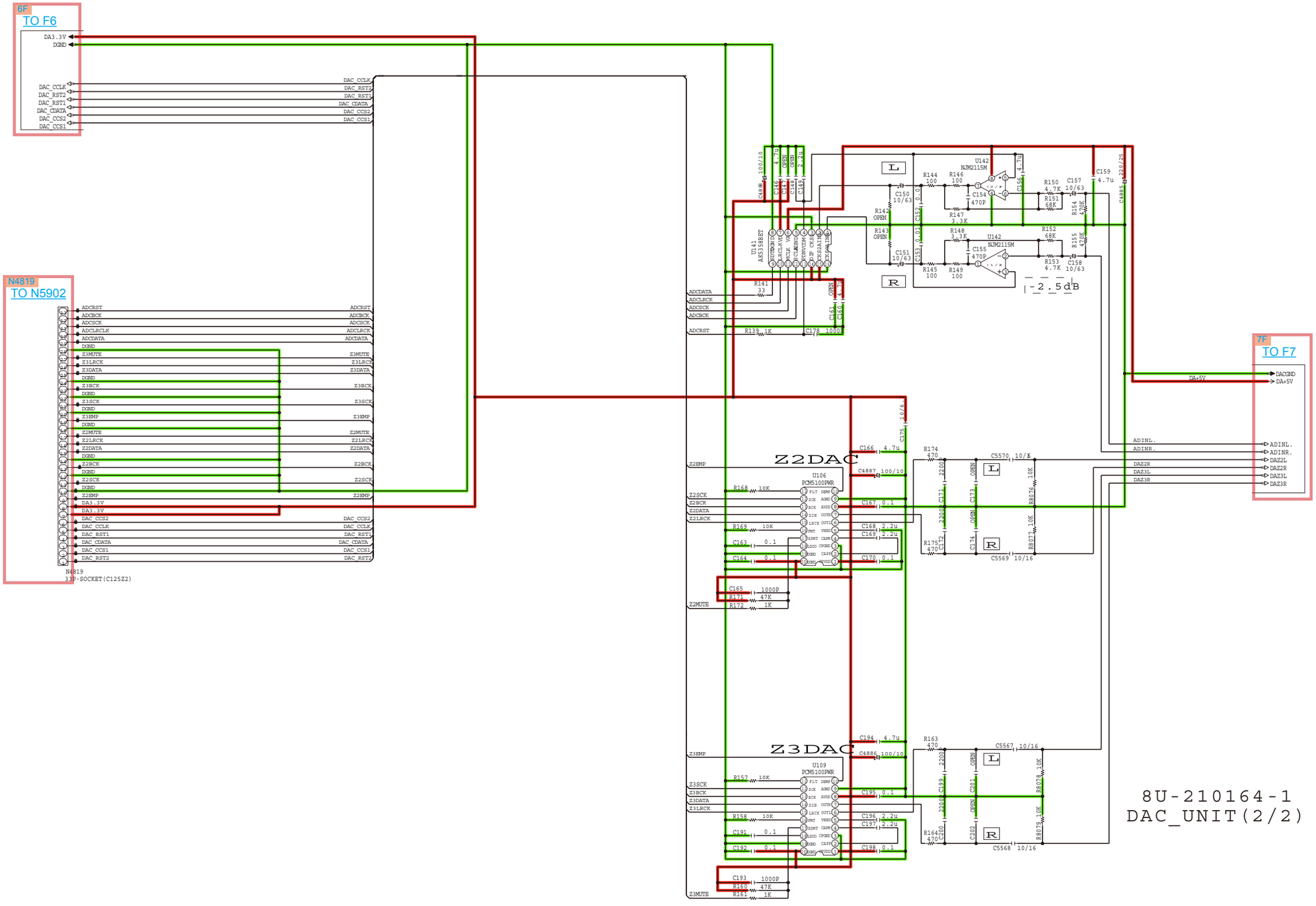
SCHEMATIC DIAGRAMS (18-2/38)△3

SCH18-2_NETWOR AV8802A ONLY



SCHEMATIC DIAGRAMS (19/38)

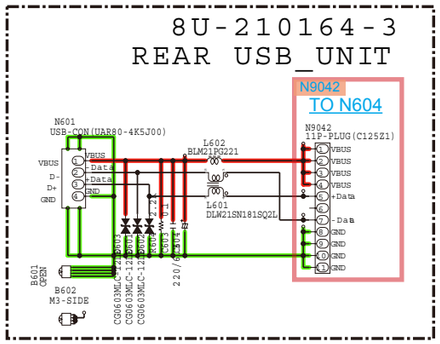
SCH19_MAIN DAC



SCHEMATIC DIAGRAMS (20/38)

SCH20_ZONEDAC ADC

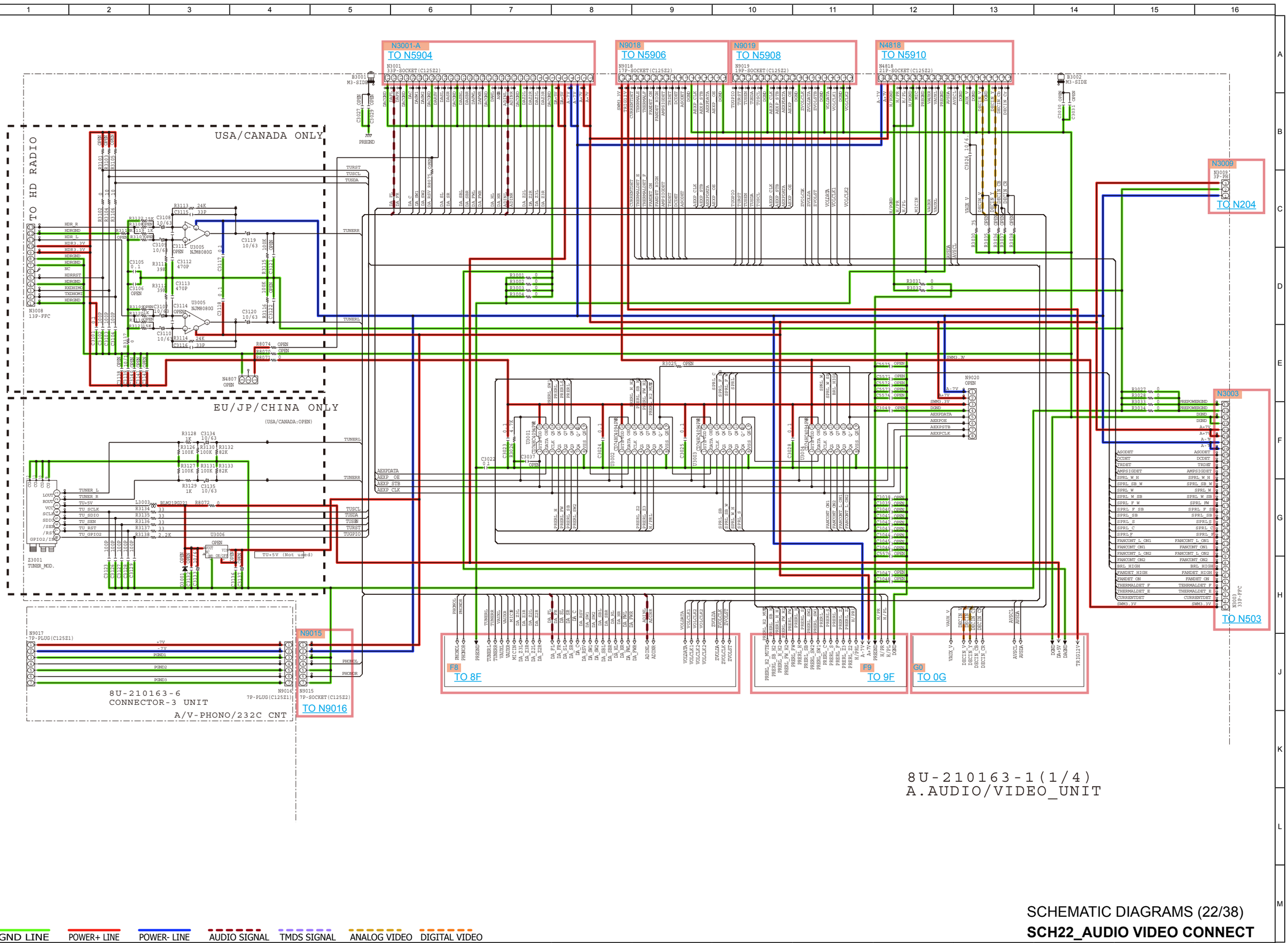
GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

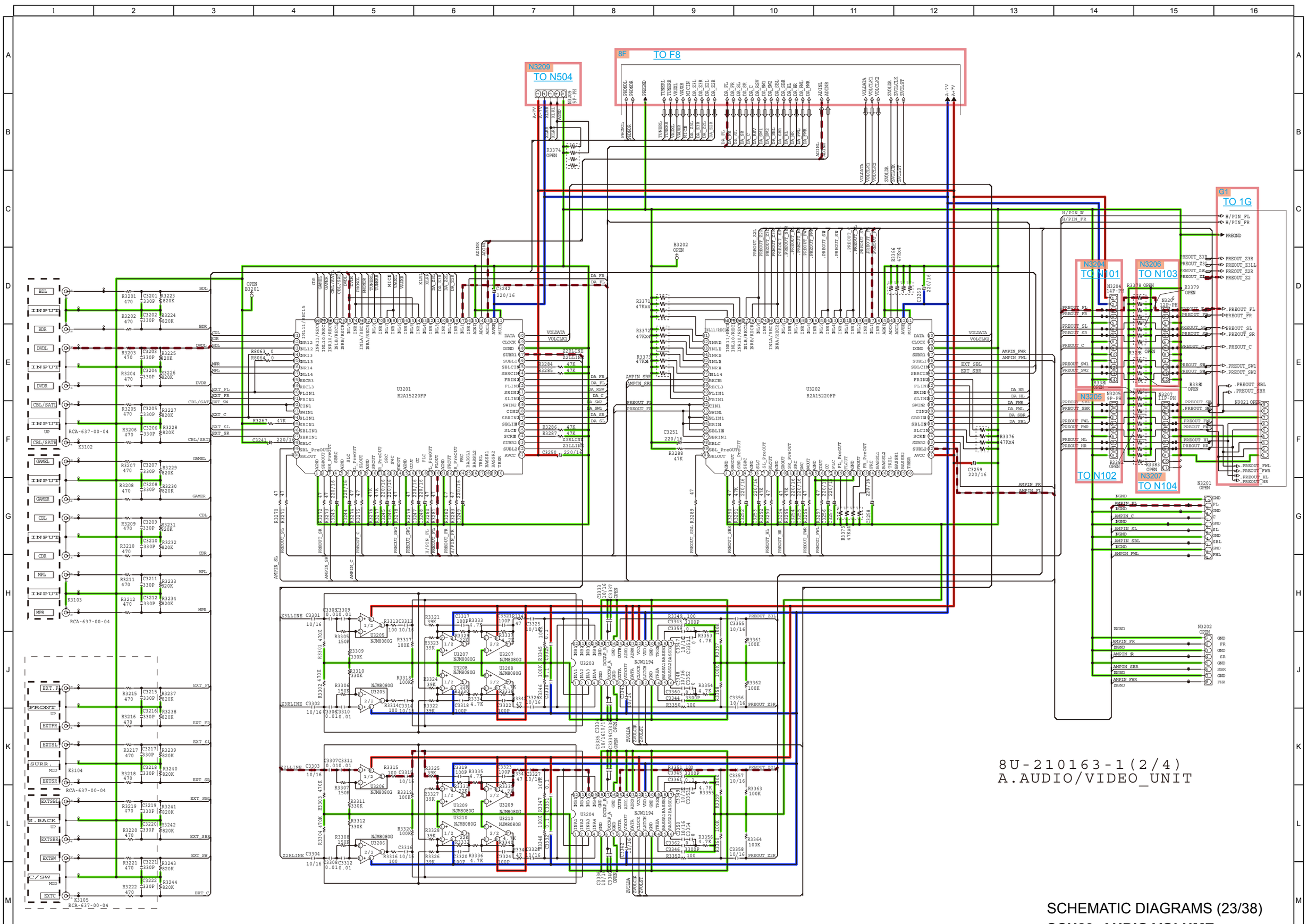


GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (21/38)

SCH21_REAR USB

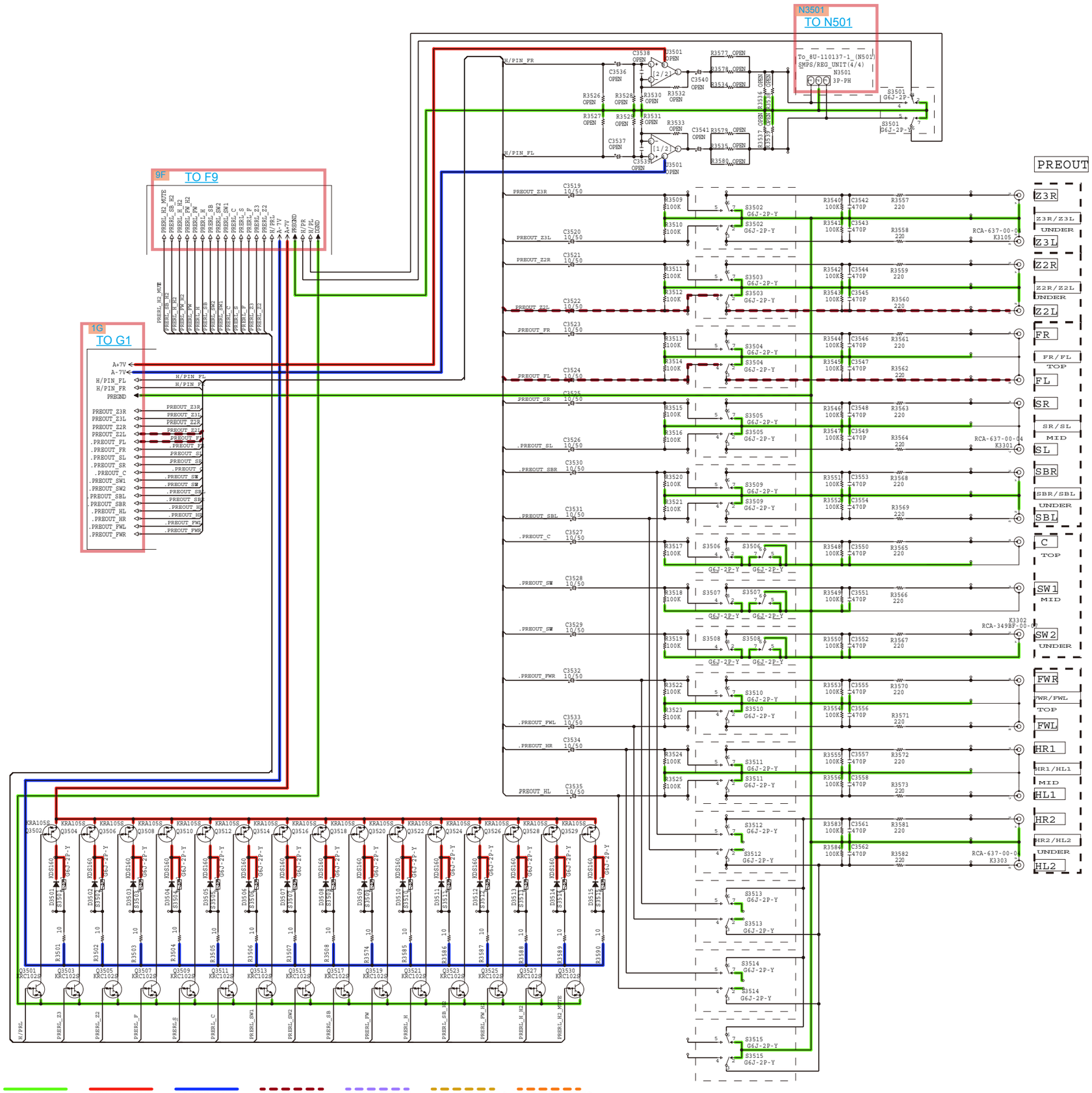

N3001-A
TO N5904
N9018
TO N5906
N9019
TO N5908
N4818
TO N5910
N3009
TO N204
N3003
TO N503
USA/CANADA ONLY
TO HD RADIO
EU/JP/CHINA ONLY
(USA/CANADA:OPEN)
N3008
13P-FFC
N9017
7P-PLUG(C125Z1)
N9015
7P-SOCKET(C125Z2)
TO N9016
8U-210163-6
CONNECTOR-3 UNIT
A/V-PHONO/232C CNT
Z3001
TUNER_MOD.
TU+5V (Not used)
F8
TO 8F
F9
TO 9F
G0
TO 0G
8U-210163-1(1/4)
A.AUDIO/VIDEO_UNIT
SCHEMATIC DIAGRAMS (22/38)
SCH22_AUDIO VIDEO CONNECT
GND LINE
POWER+ LINE
POWER- LINE
AUDIO SIGNAL
TMDS SIGNAL
ANALOG VIDEO
DIGITAL VIDEO



SCHEMATIC DIAGRAMS (23/38)

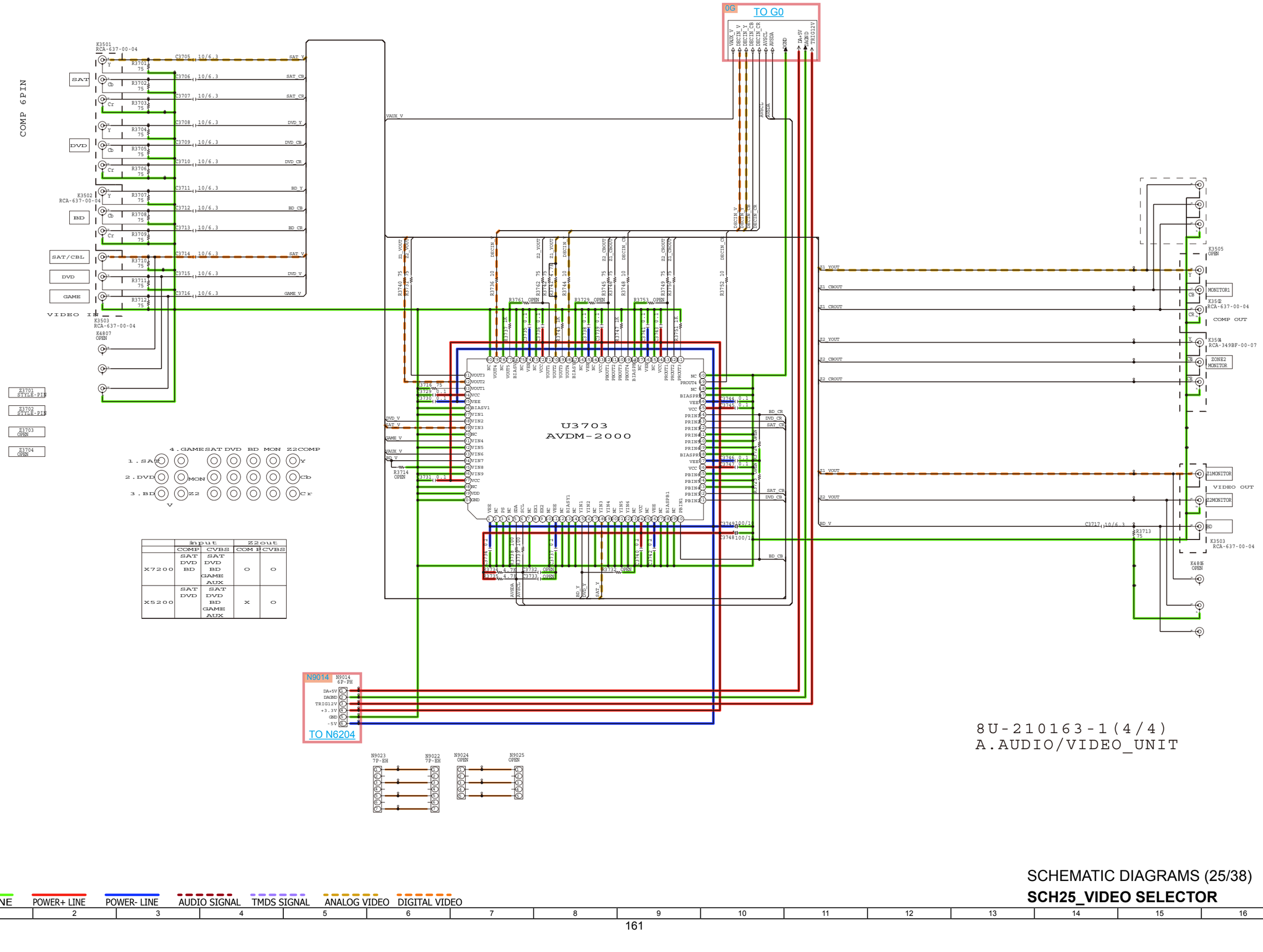
SCH23_AUDIO VOLUME

GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO



SCHEMATIC DIAGRAMS (24/38)

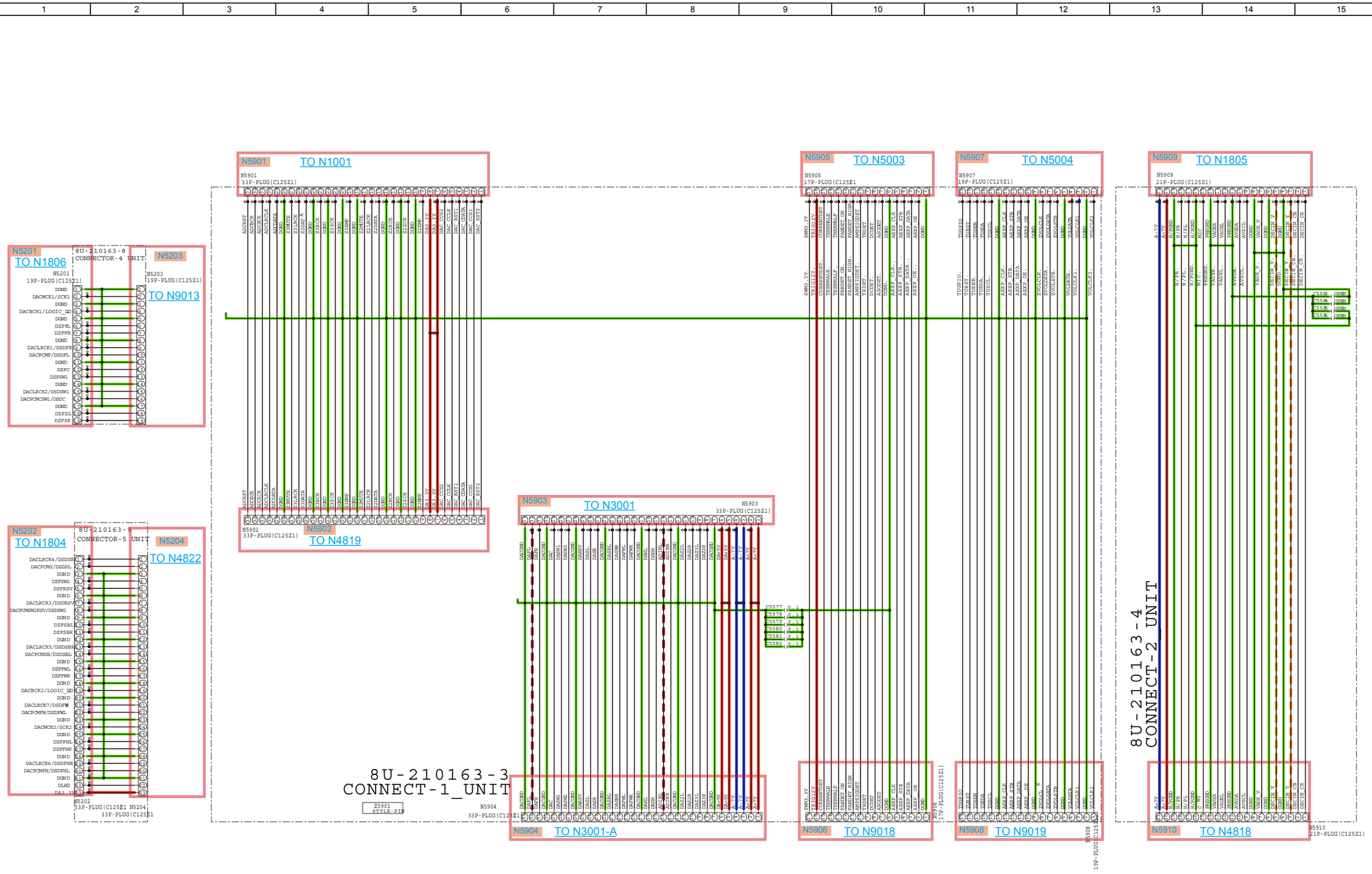
SCH24_PREOUT



GND LINE POWER+ LINE POWER- LINE AUDIO SIGNAL TMDS SIGNAL ANALOG VIDEO DIGITAL VIDEO

SCHEMATIC DIAGRAMS (25/38)

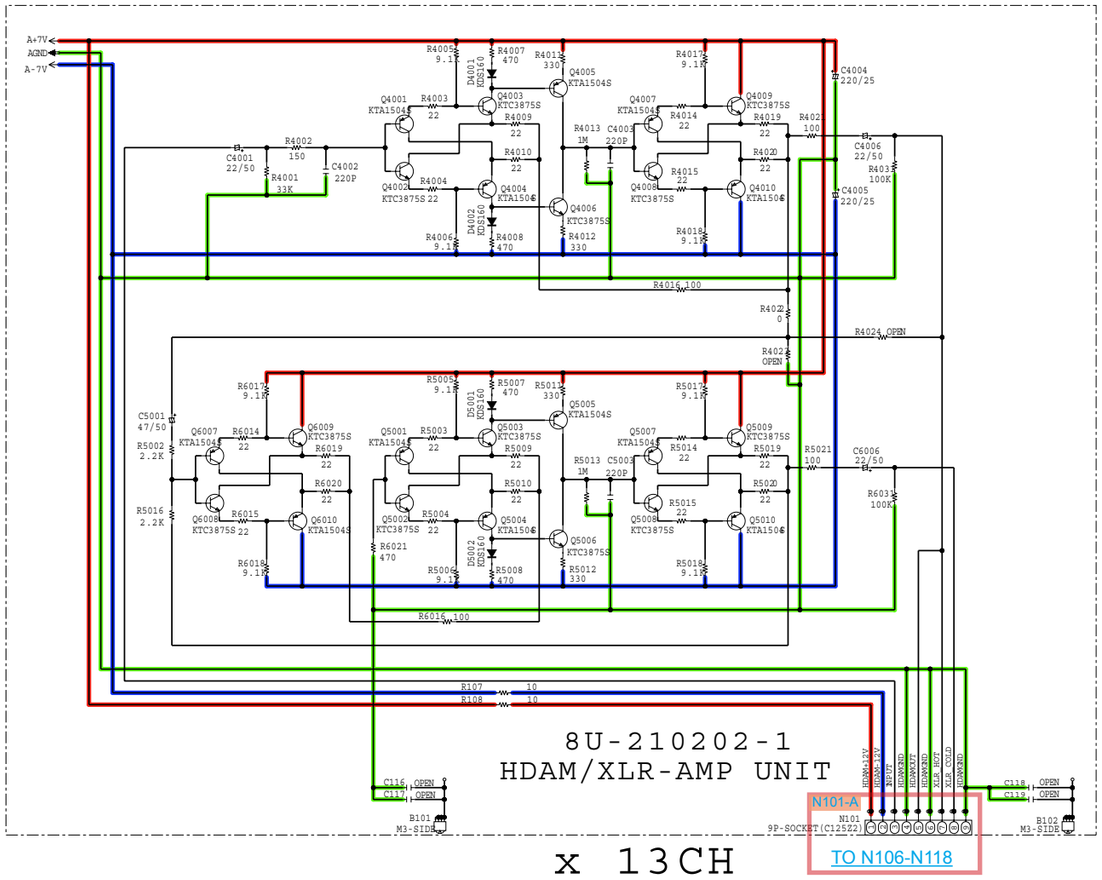
SCH25_VIDEO SELECTOR



SCHEMATIC DIAGRAMS (26/38)

SCH26_CONNECT

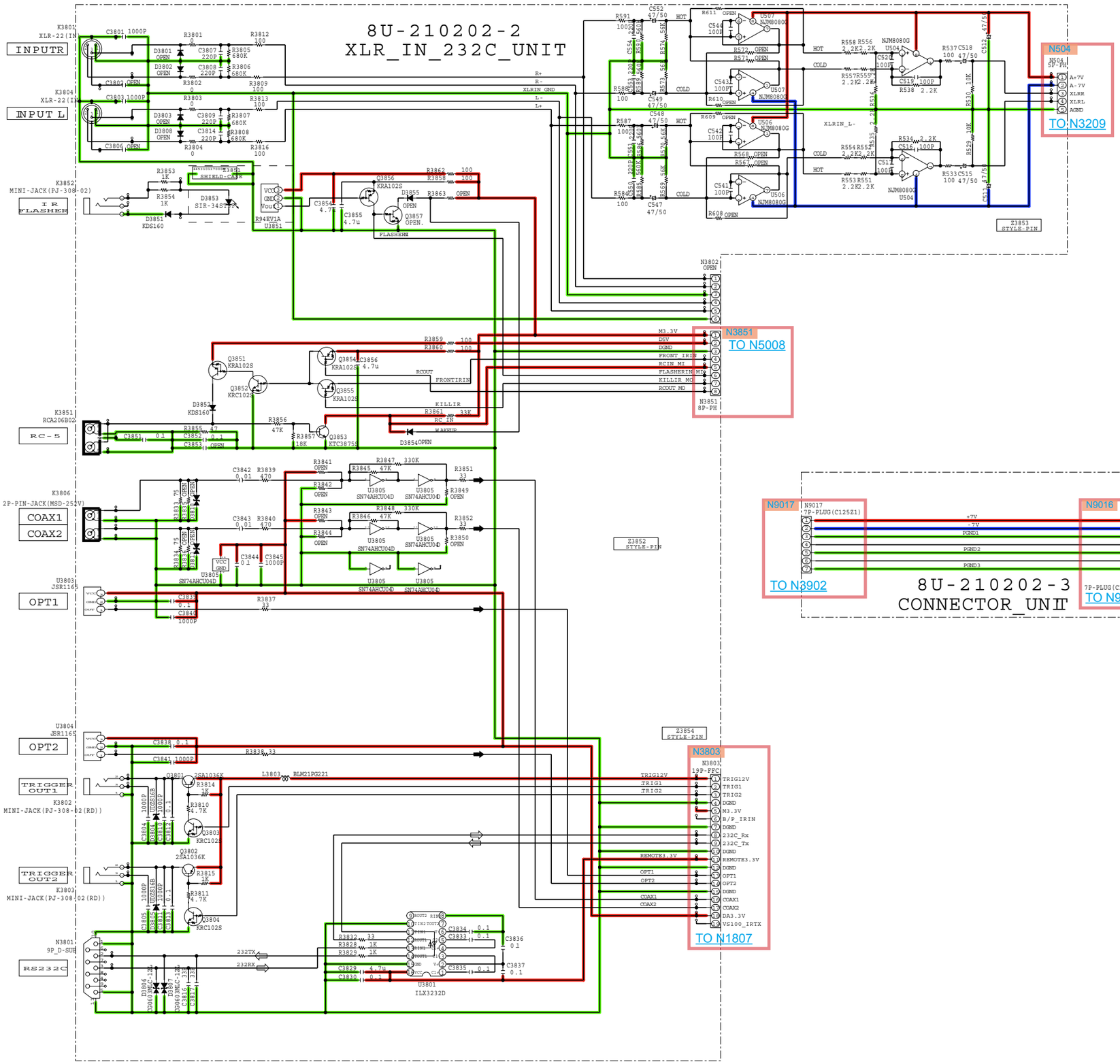
GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO



GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (27/38)

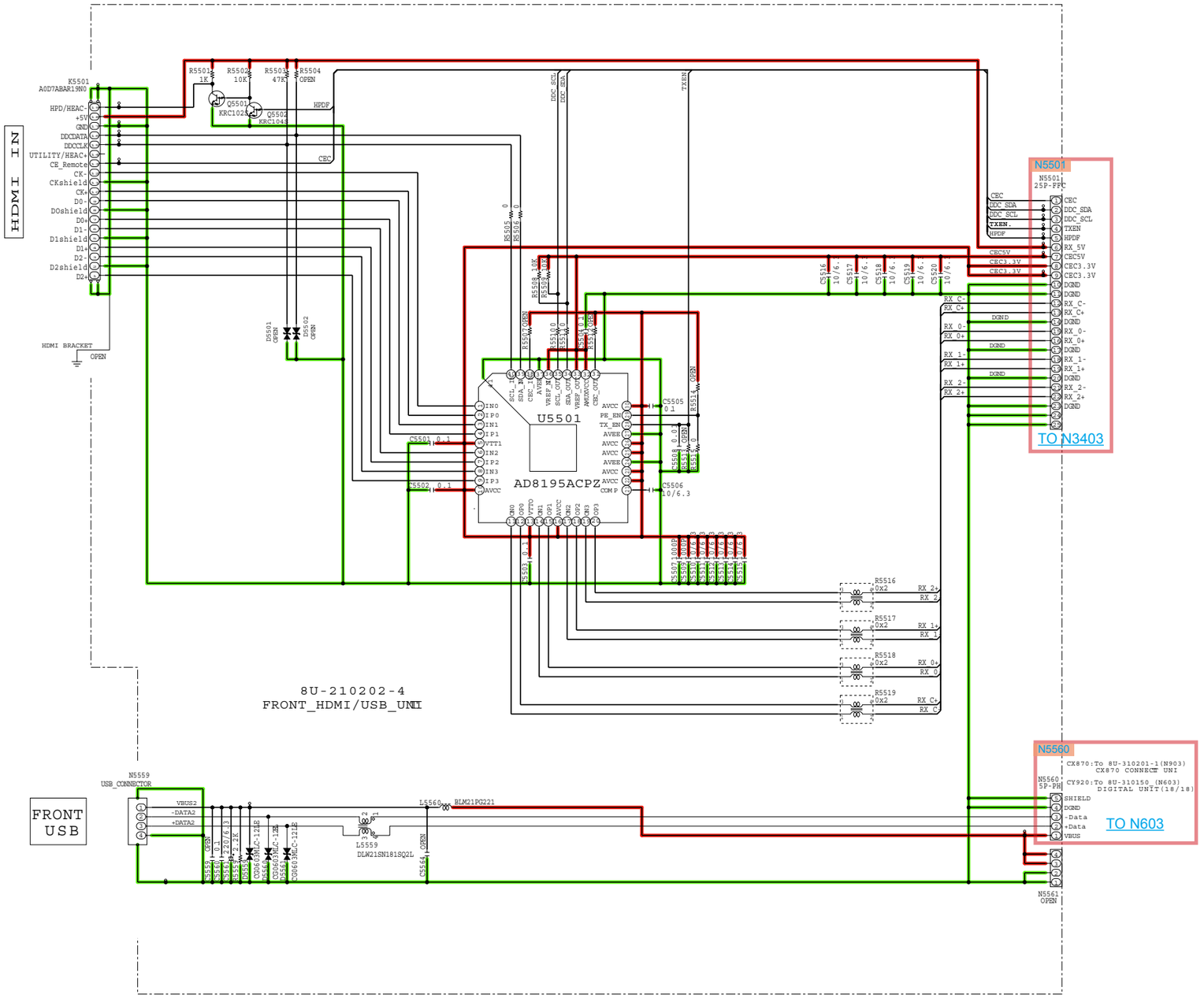
SCH27_HDAM XLR-AMP



SCHEMATIC DIAGRAMS (28/38)

SCH28_XLR IN_REMOTE IO_232C

GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

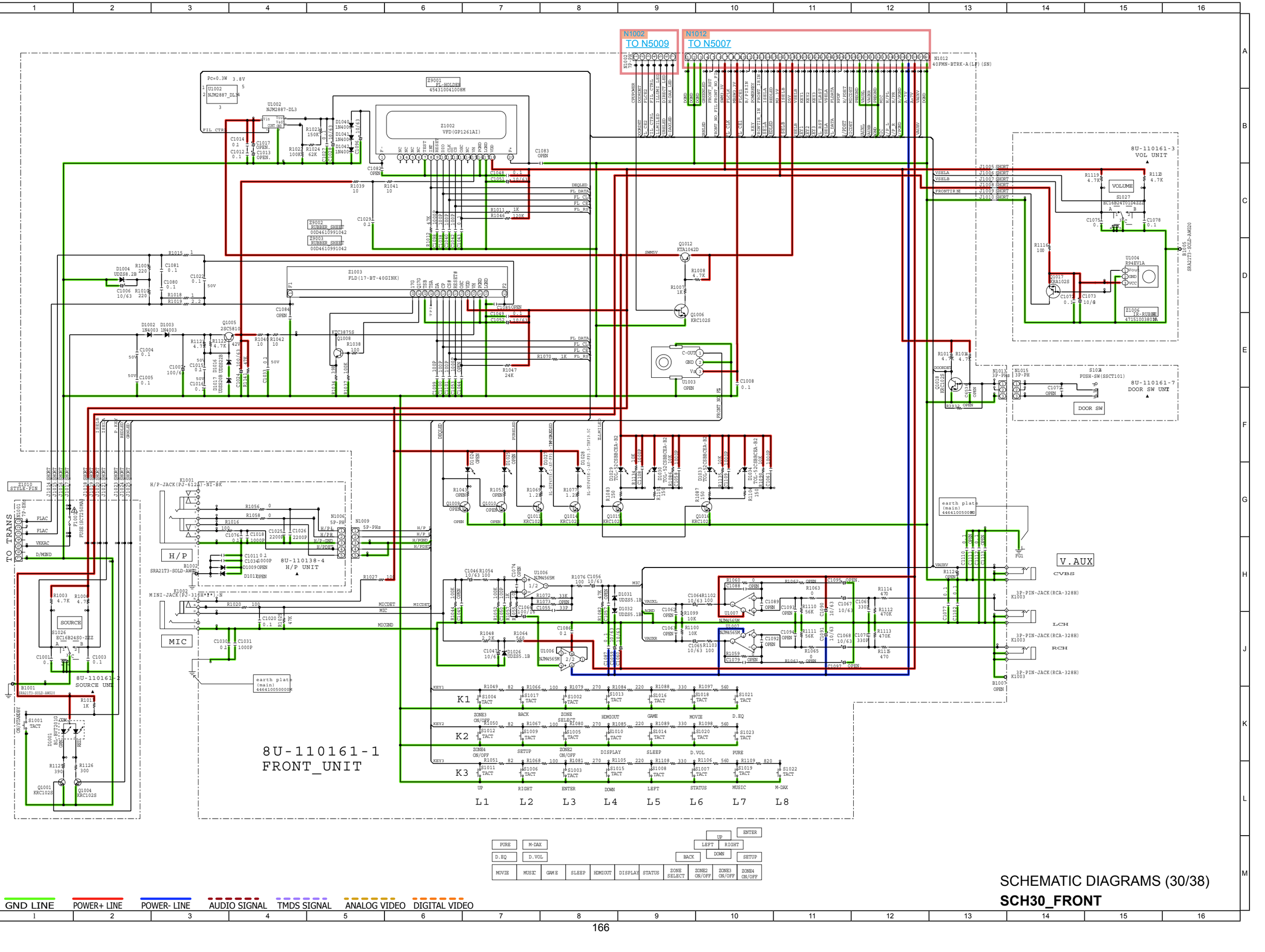


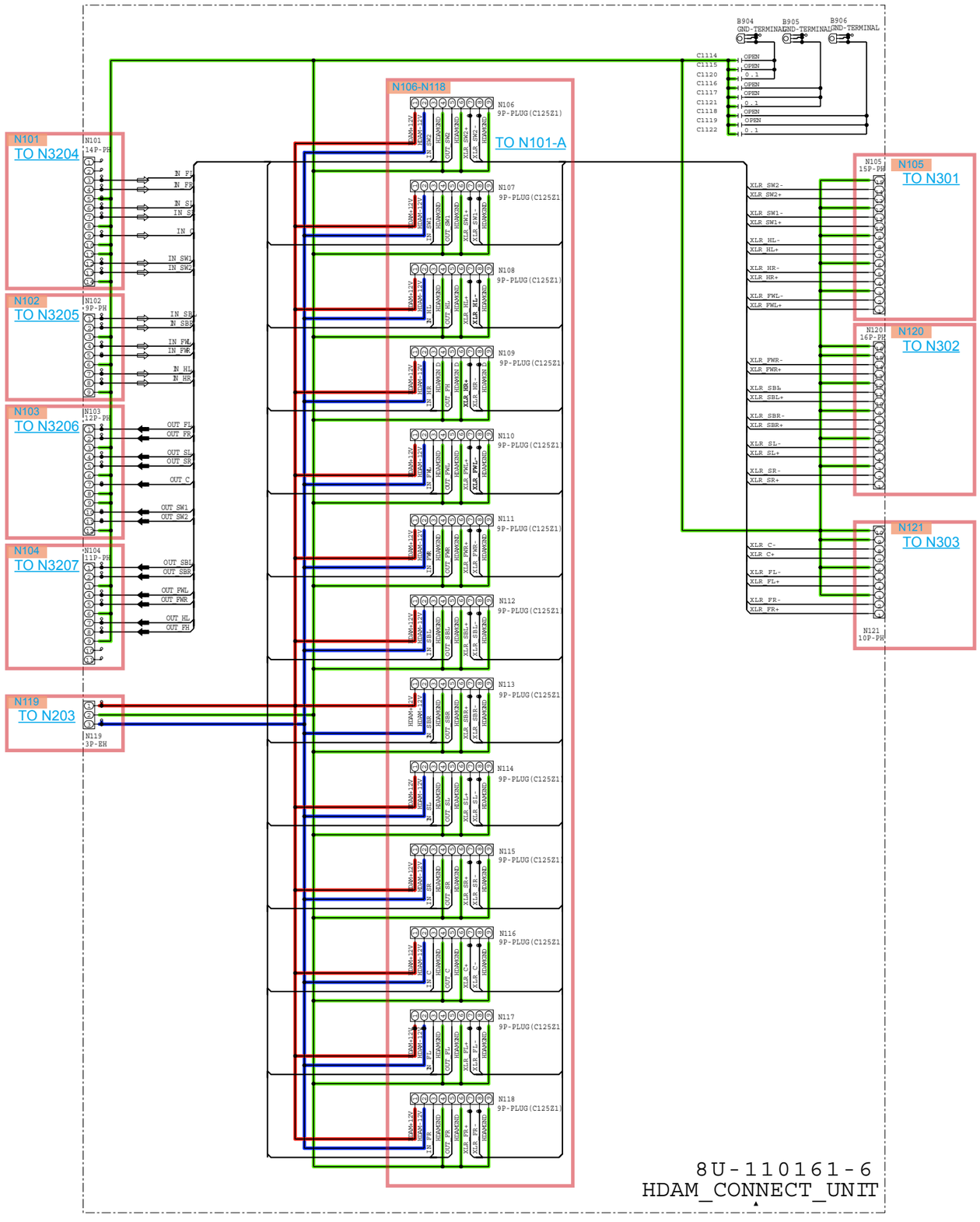
FRONT HDMI/USB

GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (29/38)

SCH29_FRONT HDMI_USB

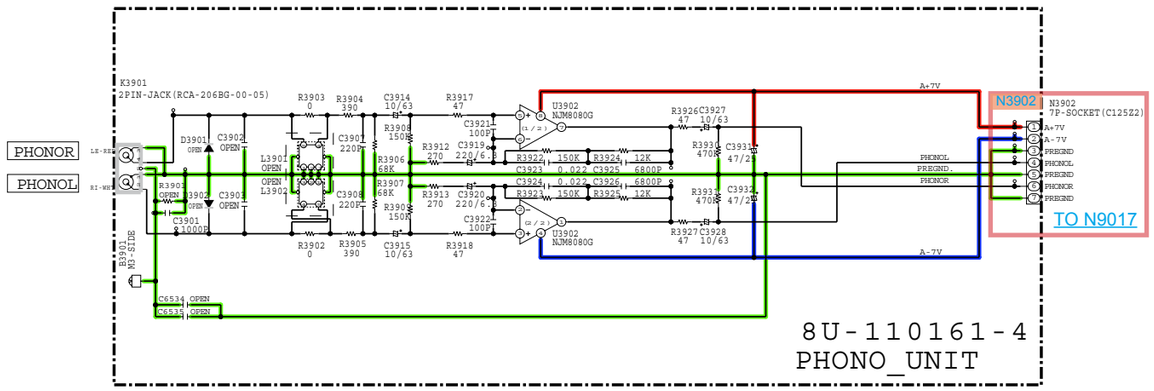

TO N5009
TO N5007
8U-110161-1
FRONT_UNIT
8U-110161-2
SOURCE UNI
8U-110161-3
VOL UNIT
8U-110161-7
DOOR SW UNI
8U-110138-4
H/P UNIT
SCHEMATIC DIAGRAMS (30/38)
SCH30_FRONT
GND LINE
POWER+ LINE
POWER- LINE
AUDIO SIGNAL
TMDS SIGNAL
ANALOG VIDEO
DIGITAL VIDEO



GND LINE POWER+ LINE POWER- LINE AUDIO SIGNAL TMDS SIGNAL ANALOG VIDEO DIGITAL VIDEO

SCHEMATIC DIAGRAMS (31/38)

SCH31_HDAM CONNECT

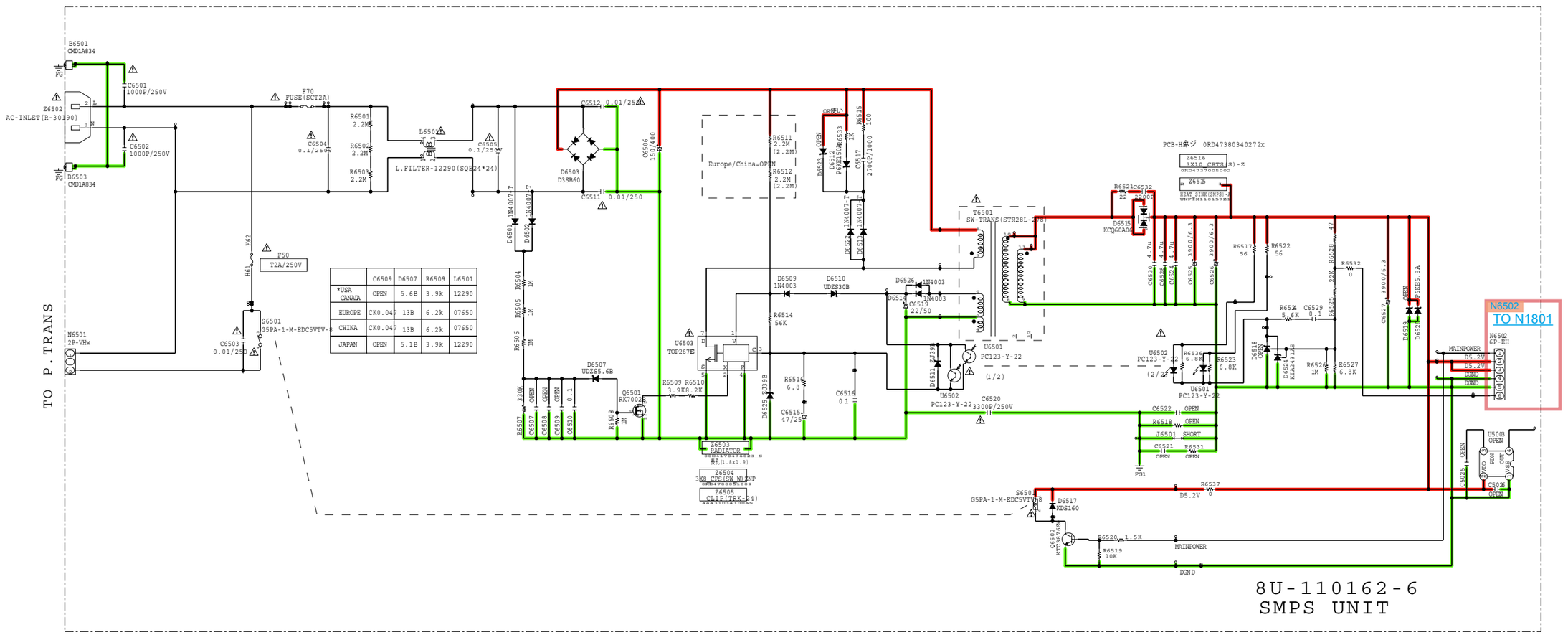


8U-110161-4
PHONO_UNIT

GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (32/38)

SCH32_PHONO



	C6509	D6507	R6509	L6501
*USA CANADA	OPEN	5.6B	3.9k	12290
EUROPE	CK0.047	13B	6.2k	07650
CHINA	CK0.047	13B	6.2k	07650
JAPAN	OPEN	5.1B	3.9k	12290

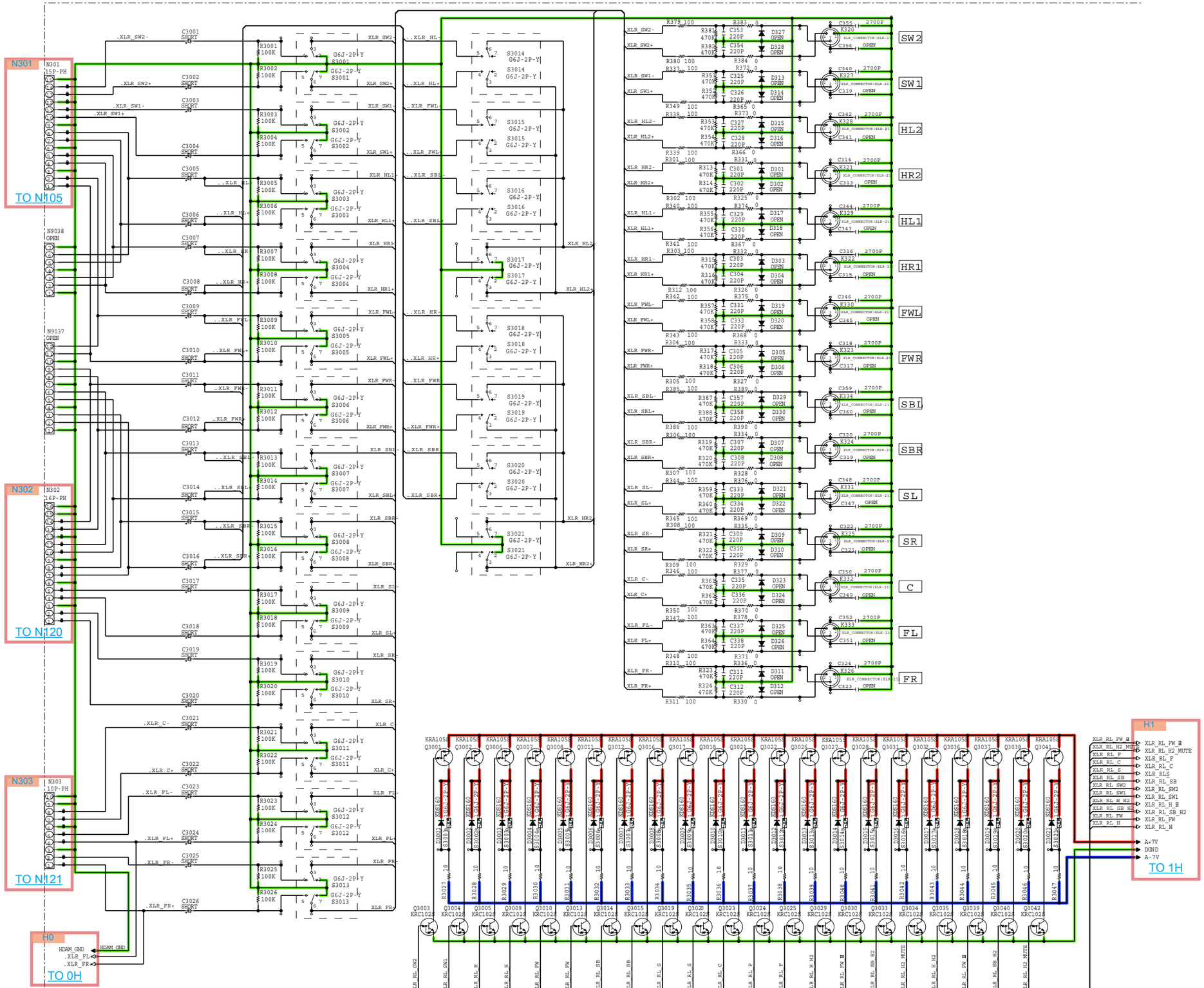
8U-110162-6
SMPS UNIT

SMPS

GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (33/38)

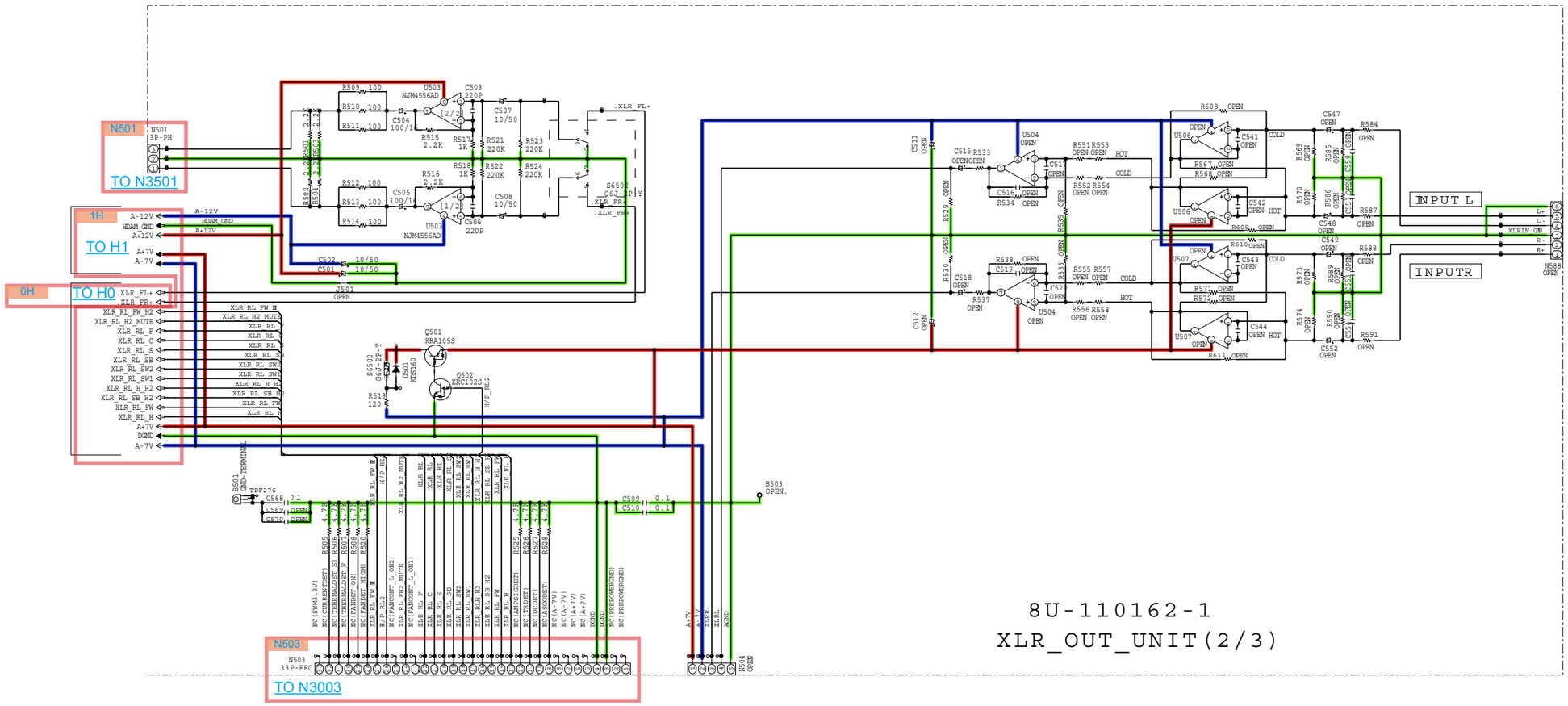
SCH33_SMPS



8U-110162-1
XLR_OUT_UNIT(1/3)

SCHEMATIC DIAGRAMS (34/38)

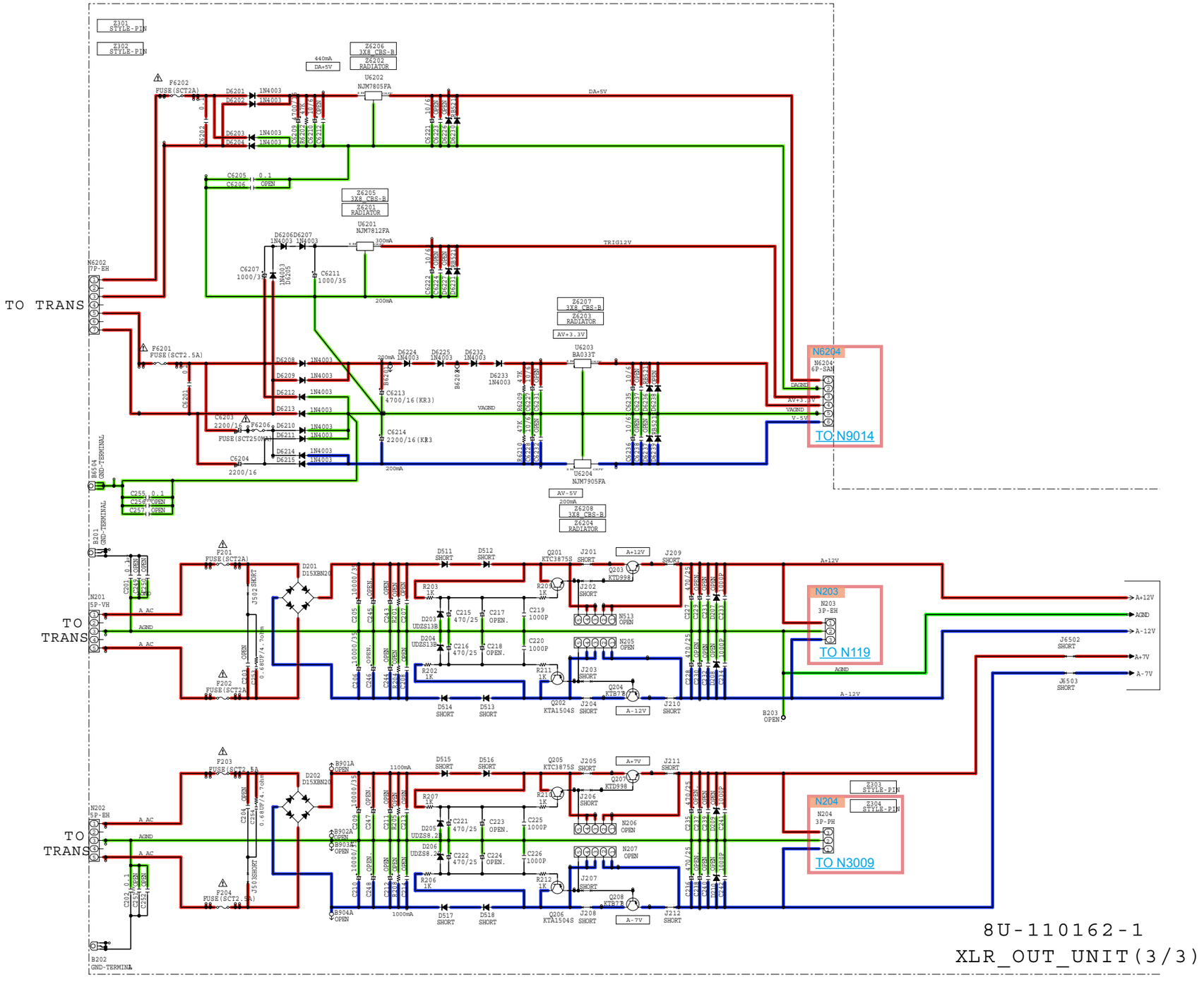
SCH34_XLR OUT1



GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (35/38)

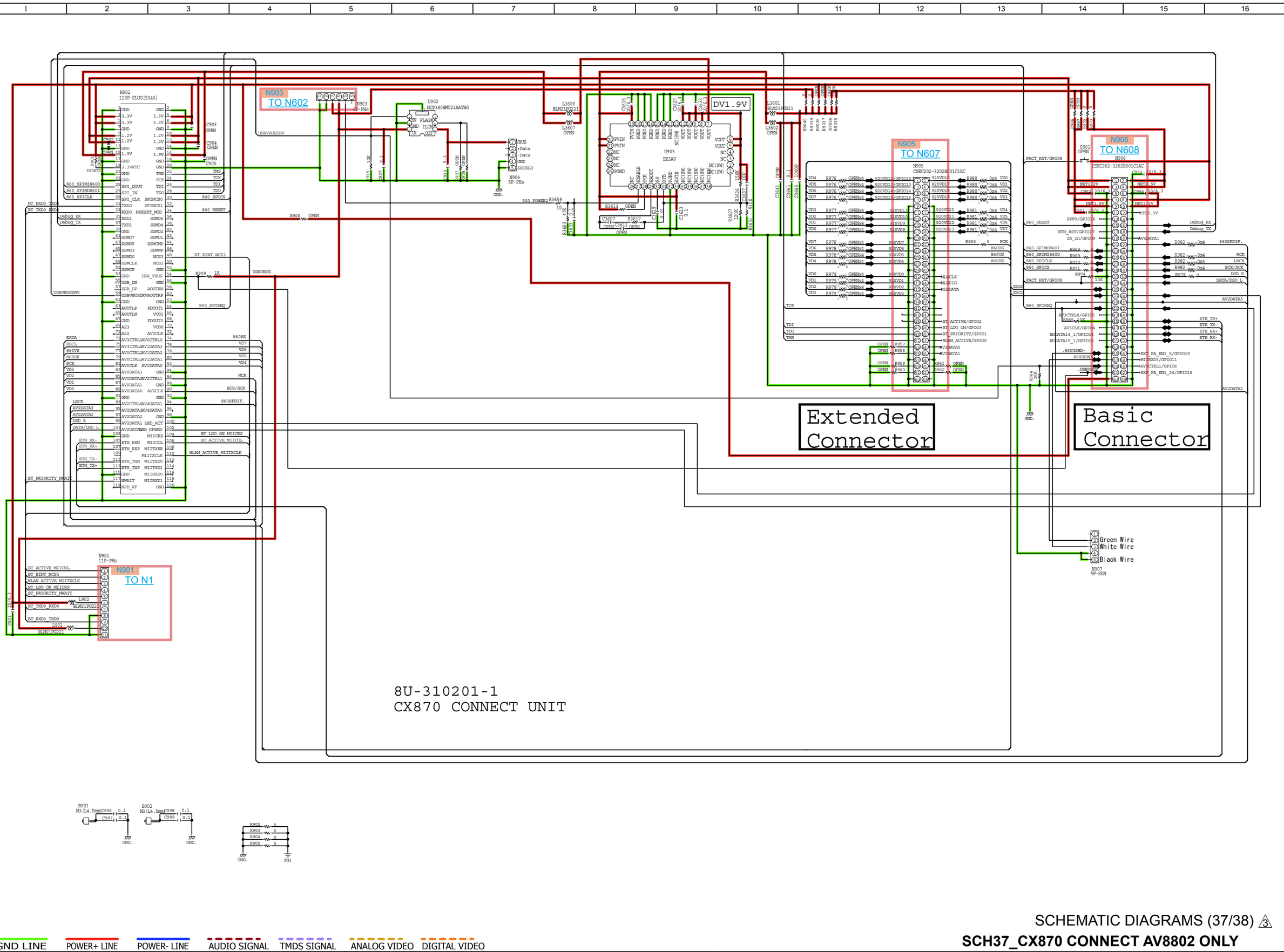
SCH35_XLR OUT2



GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (36/38)

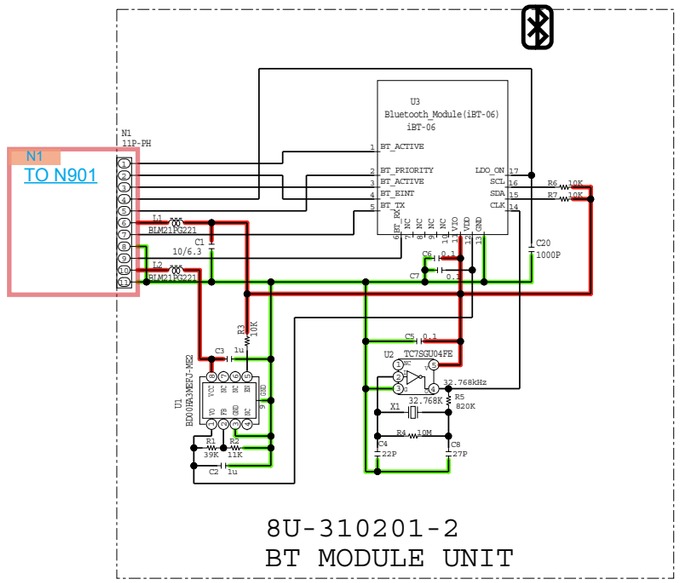
SCH36_XLR OUT3



GND LINE | POWER+ LINE | POWER- LINE | AUDIO SIGNAL | TMDS SIGNAL | ANALOG VIDEO | DIGITAL VIDEO

SCHEMATIC DIAGRAMS (37/38) ⚠3

SCH37_CX870 CONNECT AV8802 ONLY



8U-310201-2
BT MODULE UNIT

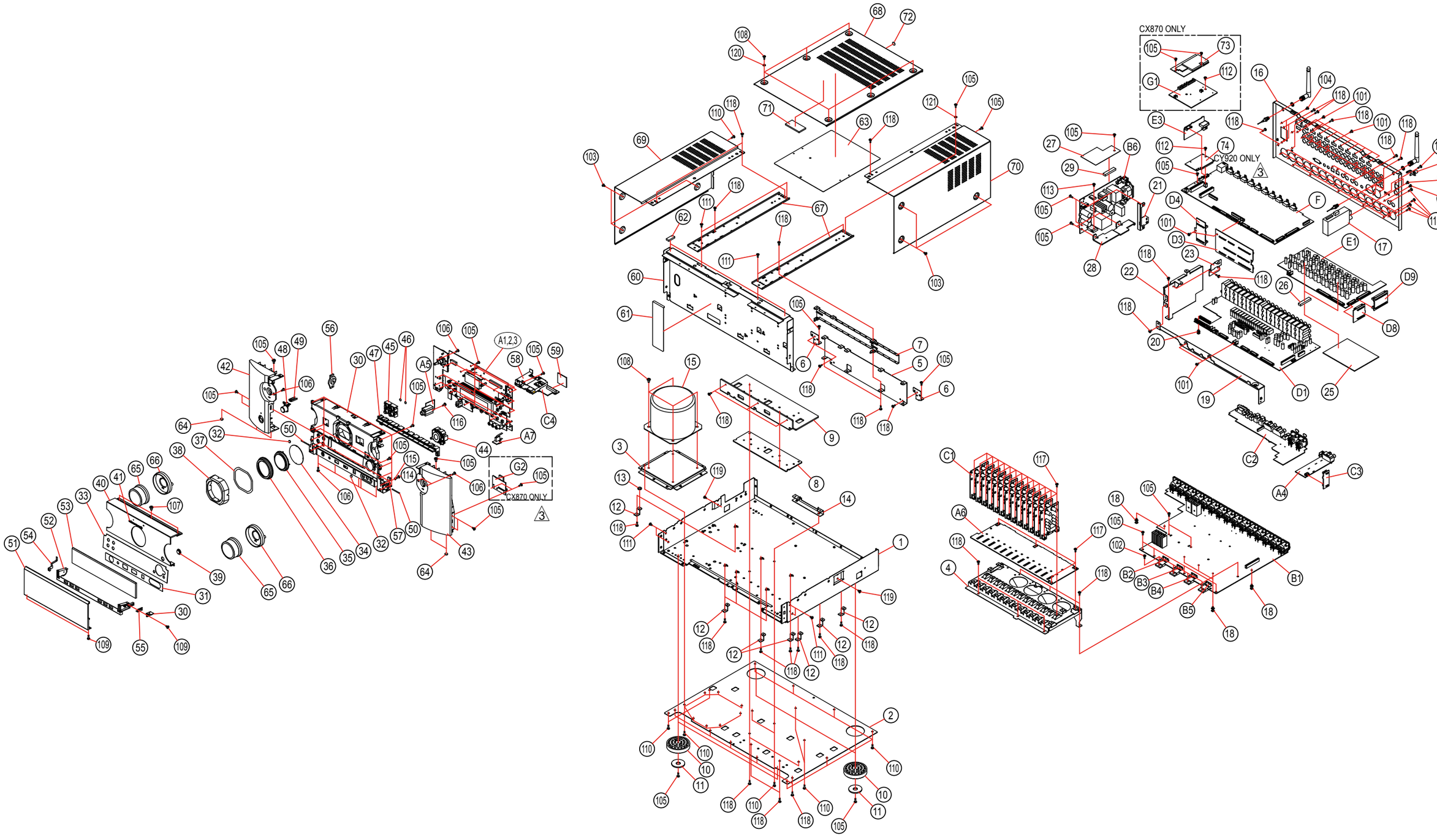
SCHEMATIC DIAGRAMS (38/38) ⚠3

SCH38_BT MODULE AV8802 ONLY

GND LINE POWER+ LINE POWER- LINE AUDIO SIGNAL TMDS SIGNAL ANALOG VIDEO DIGITAL VIDEO

EXPLODED VIEW

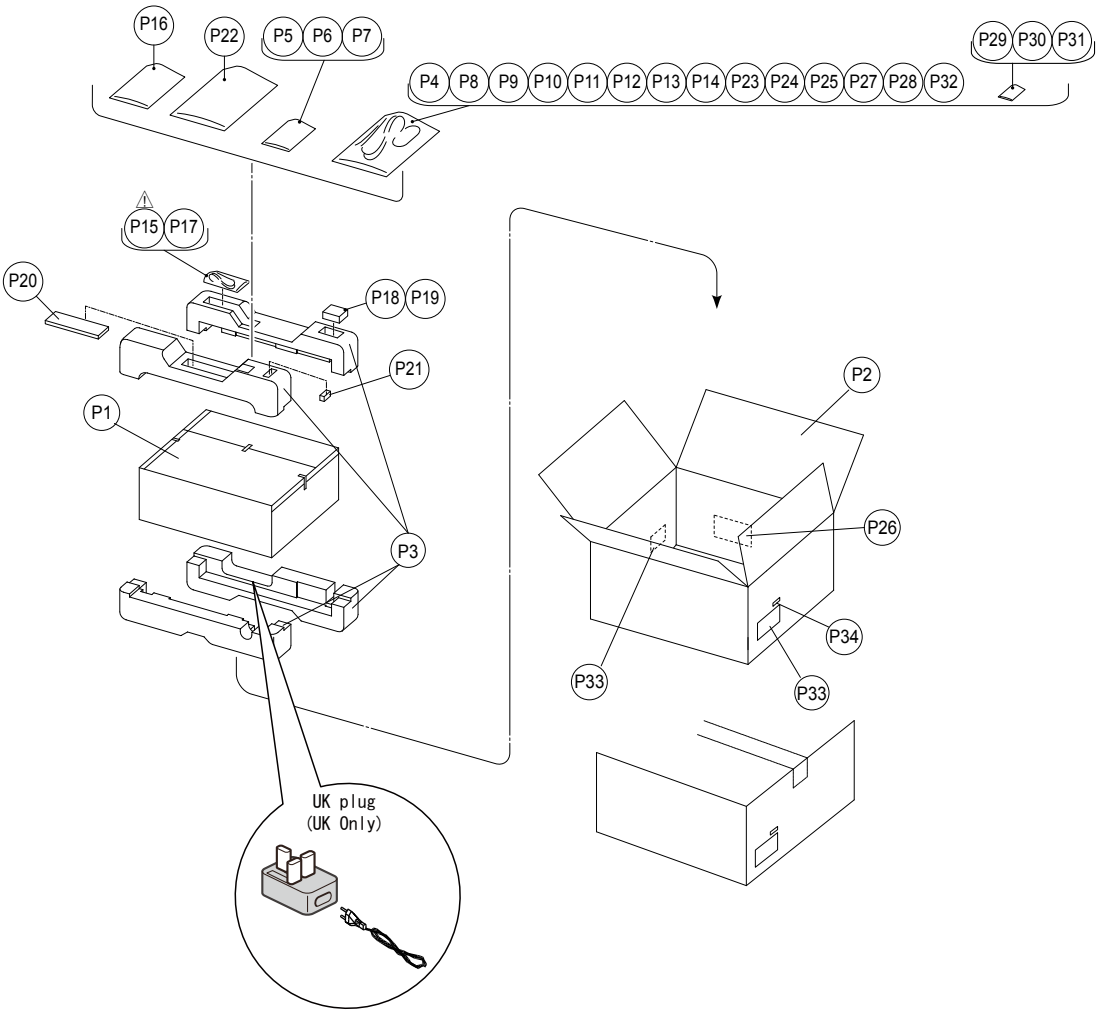
Please see the last chapter for the part list.



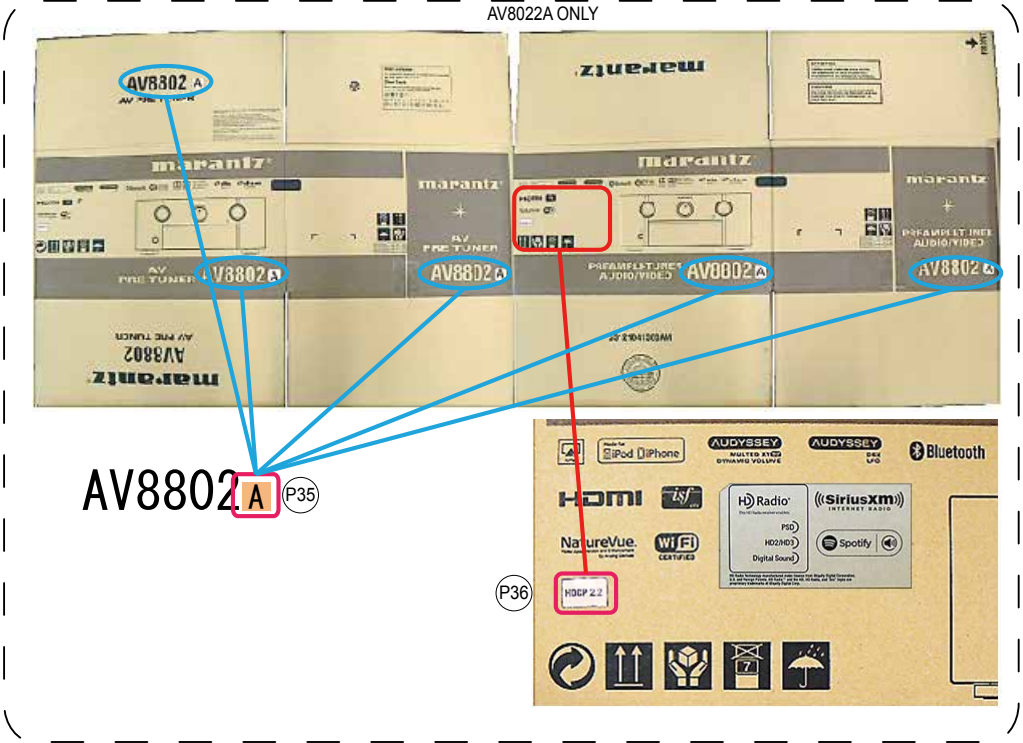
WARNING:
Parts marked with this symbol ⚠ have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.

PACKING VIEW

Please see the last chapter for the part list.



AV8022A ONLY

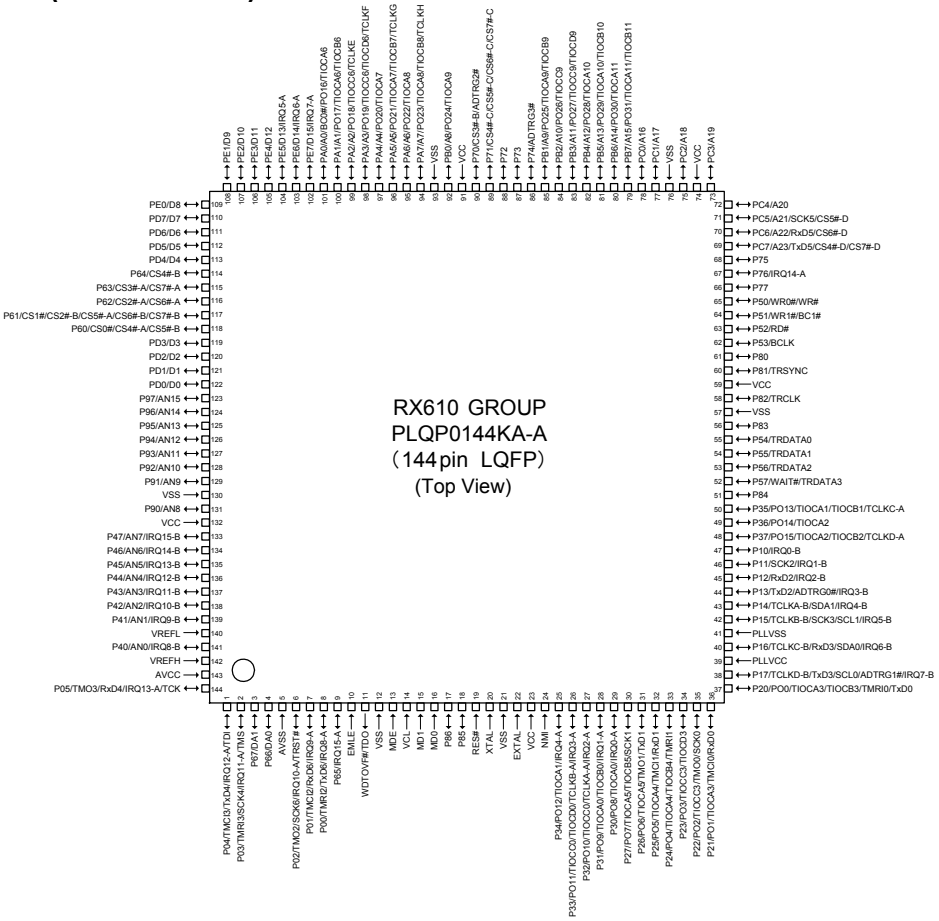


SEMICONDUCTORS

Only major semiconductors are shown, general semiconductors etc. are omitted to list.
The semiconductor which described a detailed drawing in a schematic diagram are omitted to list.

1. IC's

R5F56108VNFP (HDMI : U5001)



R5F56108VNFP Terminal Functions

Pin	Pin Name	Symbol	I/O	Pull up/ down	LvCnv	STBY	STOP	CEC STBY	Function
1	P04/IRQ12-A/TMCI3/ TxD4/TDI	NC	I	M3VPu	-	I	I	I	NC
2	P03/IRQ11-A/TMRI3/ SCK4/TMS	NC	I	M3VPu	-	I	I	I	NC
3	P67/DA1	HIN SELA	O	-	-	L	L	L	TC74VHC4051AFT control pin. (Control the detection of HDMI 5V INPUT for CEC STANDBY.)
4	P66/DA0	HIN SELB	O	-	-	L	L	L	TC74VHC4051AFT control pin. (Control the detection of HDMI 5V INPUT for CEC STANDBY.)
5	AVSS	AVSS	-	-	-	-	-	-	GND
6	P02/IRQ10-A/TMO2/ SCK6/TRST#	NC	I	Pd	-	I	I	I	NC
7	P01/IRQ9-A/TMCI2/ RxD6	RXD MI232O	I	M3VPu	-	I	I	I	Data received from the external pin(AMX)/Use for firmware upgrading by DFW.
8	P00/IRQ8-A/TMRI2/ TxD6	TXD MO232I	O	-	-	L	L	L	Data transfer to external pin(AMX)/Use for firmware upgrading by DFW.
9	P65/IRQ15-A	POWER KEY	I	M3VPu	-	I	I	I	POWER KEY (Waiting Mode cancel, interrupt port)
10	EMLE	NC	I	Pd	-	-	-	-	NC
11	WDTOVF#/TDO	NC	O/O	-	-	-	-	-	NC
12	VSS	VSS	I	-	-	-	-	-	GND
13	MDE	MDE	I	Pd	-	-	-	-	NC
14	VCL	VCL	I	-	-	-	-	-	Smoothing capacitor connection pin
15	MD1	MD1	I	M3VPu	-	-	-	-	NC
16	MD0	MD0	I	M3VPu	-	-	-	-	NC

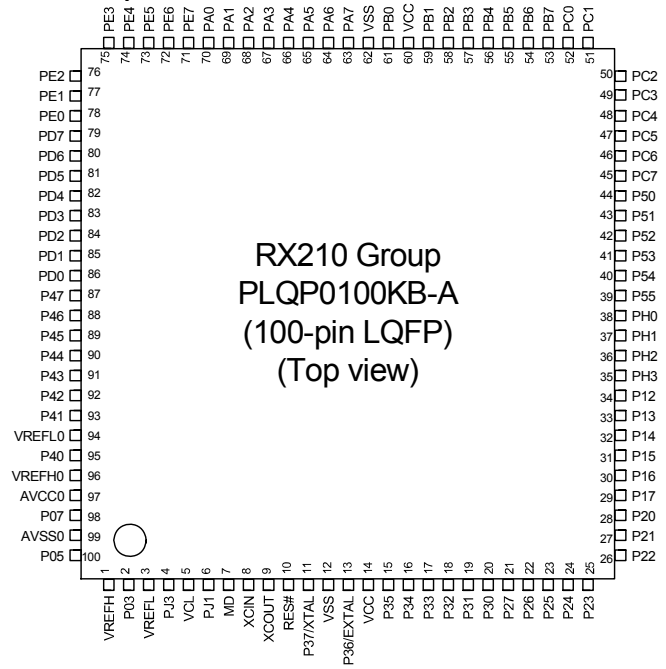
Pin	Pin Name	Symbol	I/O	Pull up/ down	LvCnv	STBY	STOP	CEC STBY	Function
17	P86	(CEC POWER2)	O	-	-	L	L	H	Reserve (CEC POWER2 control)
18	P85	REMOTE POWER(232C)	O	-	-	L	L	L	232C POWER SUPPLY (REMOTE 3.3V) control pin.(ON: H)
19	RES#	RESET	I	-	-	-	-	-	Reset input (reset: L)
20	XTAL	XTAL	I	-	-	-	-	-	Clock input
21	VSS	VSS	-	-	-	-	-	-	GND
22	EXTAL	EXTAL	-	-	-	-	-	-	Clock output
23	VCC	VCC	-	-	-	-	-	-	+3.3V
24	NMI	NMI	I	M3VPu	-	-	-	-	NC
25	P34/IRQ4-A/PO12/ TIOCA1	BDOWN	I	-	-	I	I	I	Power failure detection pin(Power failure:L)
26	P33/IRQ3-A/PO11/ TIOCC0/TIOCD0/ TCLKB-A	PLDAERR	I	-	-	L	L	L	PLD ERROR detection pin
27	P32/IRQ2-A/PO10/ TIOCC0/TCLKA-A	NC	O	-	-	L	O	L	Unused
28	P31/IRQ1-A/PO9/ TIOCA0/TIOCB0	ADV8003 INT1	I	-	-	I	I	I	HDMI transmitter / OSD (ADV8003) INT1 Input pin
29	P30/IRQ0-A/PO8/ TIOCA0	RC IN	I	-	-	I	I	I	Remote control signal input pin
30	P27/PO7/TIOCA5/ TIOCB5/SCK1	HDMI A SEL	O	-	-	L	L	L	TC74VHCT244AFT control pin. (Control the HDMI Audio input. H : DSP signal path / L : HDMI Rx -> Tx)
31	P26/PO6/TIOCA5/ TMO1/TxD1	NC	O	-	-	L	L	L	Unused
32	P25/PO5/TIOCA4/ TMCI1/RxD1	NC	O	-	-	L	L	L	Unused
33	P24/PO4/TIOCA4/ TIOCB4/TMRI1	TU RST	O	SW3VPu	-	L	L	L	TUNER RESET pin (E3 model)
34	P23/PO3/TIOCC3/ TIOCD3	E RESET	O	N3VPu	-	L	L	L	ETHERNET RESET control pin (DM860)
35	P22/PO2/TIOCC3/ TMO0/SCK0	E POWER	O	-/-	-	L	L	L	ETHERNET POWER SUPPLY (NET3.3V) control pin.(ON:H)
36	P21/PO1/TIOCA3/ TMCI0/RxD0	E_RXDMIEO	I	-/-	-	I	I	I	ETHERNET communication control pin (DM860)
37	P20/PO0/TIOCA3/ TIOCB3/TMRI0/TxD0	E_TXDMOEI	O	-/-	-	L	L	L	ETHERNET communication control pin (DM860)
38	P17/IRQ7-B/ TCLKD-B/TxD3/ SCL0/ADTRG1#	TU SCLK	O	-	-	L	L	L	TUNER control pin
39	PLLVCC	PLLVCC	-	-	-	-	-	-	+3.3V
40	P16/IRQ6-B/ TCLKC-B/RxD3/ SDA0	TU SDIO	I_O	-	-	L	L	L	TUNER control pin
41	PLLVSS	PLLVSS	-	-	-	-	-	-	GND
42	P15/IRQ5-B/ TCLKB-B/SCK3/ SCL1	HSCL (400k)	O	CEC3VPu	-	L	L	L	VIDEO I2C Control for - HDMI SW (ADV3002) / HDMI RX , A to H Decoder (ADV7850) / HDMI ip Scaler , TX (ADV8003)
43	P14/IRQ4-B/ TCLKA-B/SDA1	HSDA (400k)	I_O	CEC3VPu	-	L	L	L	VIDEO I2C Control for - HDMI SW (ADV3002) / HDMI RX , A to H Decoder (ADV7850) / HDMI ip Scaler , TX (ADV8003)
44	P13/IRQ3-B/TxD2/ ADTRG0#	ADV8003 SPI MO	O	-	-	L	L	L	OSD control pin (ADV8002 or ADV8003)
45	P12/IRQ2-B/RxD2	ADV8003 SPI MI	I	-	-	L	L	L	OSD control pin (ADV8002 or ADV8003)
46	P11/IRQ1-B/SCK2	ADV8003 SPI CLK	O	-	-	L	L	L	OSD control pin (ADV8002 or ADV8003)
47	P10/IRQ0-B	ADV8003 SPI CS	O	-	-	L	L	L	OSD control pin (ADV8002 or ADV8003)
48	P37/PO15/TIOCA2/ TIOCB2/TCLKD-A	EEPROM SDA	I_O	M3VPu	-	I	I	I	EEPROM control pin
49	P36/PO14/TIOCA2	EEPROM SCL	O	M3VPu	-	I	I	I	EEPROM control pin
50	P35/PO13/TIOCA1/ TIOCB1/TCLKC-A	ADV7850 RST	O	-	-	L	L	L	HDMI RX , A to H Decoder (ADV7850) RESET control pin
51	P84	CEC_OUT	O	-	-	L	L	-	CEC-D signal output pin
52	P57/WAIT#/ TRDATA3	ADV3002 RST	O	SW3VPu	-	L	L	L	HDMI switcher RESET control pin (ADV3002)
53	P56/TRDATA2	E SPI MOEI	O	N3VPu	-	L	L	L	ETHERNET communication control pin (DM860)
54	P55/TRDATA1	ADV8003 RST	O	SW3VPu	-	L	L	L	HDMI Tx/ip Scaler/OSD RESET control pin (ADV8003)

Pin	Pin Name	Symbol	I/O	Pull up/ down	LvCnv	STBY	STOP	CEC STBY	Function
55	P54/TRDATA0	E SPI MIEO	I	N3VPu	-	I	L	I	ETHERNET communication control pin (DM860)
56	P83	E SPI CLK	O	N3VPu	-	L	L	L	ETHERNET communication control pin (DM860)
57	VSS	VSS	-	-	-	-	-	-	GND
58	P82/TRCLK	FL CE	O	-	-	L	L	L	VFD control pin
59	VCC	VCC	-	-	-	-	-	-	+3.3V
60	P81/TRSYNC	FL RST	O	-	-	L	L	L	VFD control pin
61	P80	ZVOL DATA	O	-	-	L	L	L	ZONE VOLUME control pin (NJW1194)
62	BCLK/P53	NC	I	-	-	I	I	I	NC
63	P52/RD#	ZVOL CLK	O	-	-	L	L	L	ZONE VOLUME control pin (NJW1194)
64	P51/WR1#/BC1#	ZVOL STB	O	-	-	L	L	L	ZONE VOLUME control pin (NJW1194)
65	P50/WR0#/WR#	V SDA	O	-	-	L	L	L	A-VIDEO switcher control pin (AVDM-2000)
66	P77	V SCL	O	-	-	L	L	L	A-VIDEO switcher control pin (AVDM-2000)
67	P76/IRQ14-A	TU GPO2_INT	I	-	-	L	L	L	TUNER GPIO2 input pin
68	P75	DSP ROMRST	O	-	-	I	I	I	Memory reset for DSP (Reset : L)
69	PC7/A23/CS4#-D/ CS7#-D/TxD5	DSP MOSI	O	DA3VPu	-	L	L	L	DSP control pin (ADSP21487KSWZ-3B)
70	PC6/A22/CS6#-D/ RxD5	DSP MISO	I	DA3VPu	-	L	L	L	DSP control pin (ADSP21487KSWZ-3B)
71	PC5/A21/CS5#-D/ SCK5	DSPI CLK	O	DA3VPu	-	L	L	L	DSP control pin (ADSP21487KSWZ-3B)
72	PC4/A20	DSP RST	O	-	-	L	L	L	DSP(ADSP21487KSWZ-3B) reset output pin (Reset : L)
73	PC3/A19	DSP FLAG0	I	Pd	-	L	L	L	DSP control pin (ADSP21487KSWZ-3B)
74	VCC	VCC	-	-	-	-	-	-	+3.3V
75	PC2/A18	DSP ICS	O	DA3VPu	-	L	L	L	DSP control pin (ADSP21487KSWZ-3B)
76	VSS	VSS	-	-	-	-	-	-	GND
77	PC1/A17	GRN LED	O	-	-	L	L	L	POWER LED control pin(ON:H)
78	PC0/A16	RED LED	O	-	-	L	L	H	POWER/STANDBY LED control pin (ON:H)
79	PB7/A15/PO31/ TIOCA11/TIOCB11	H/P RLY	O	-	-	L	L	L	HEADPHONE RLY control pin
80	PB6/A14/PO30/ TIOCA11	FRONT RLY	O	-	-	L	L	L	FRONT Ch RELAY control pin
81	PB5/A13/PO29/ TIOCA10/TIOCB10	HIN SELC	O	-	-	L	L	L	TC74VHC4051AFT control pin. (Control the detection of HDMI 5V INPUT for CEC STANDBY.)
82	PB4/A12/PO28/ TIOCA10	TU_SEN	O	-	-	L	L	L	TUNER control pin
83	PB3/A11/PO27/ TIOCC9/TIOCD9	C/S RLY	O	-	-	L	L	L	CENTER/SURROUND Ch RELAY control pin
84	PB2/A10/PO26/ TIOCC9	SB RLY	O	-	-	L	L	L	SURROUND-BACK Ch RELAY control pin
85	PB1/A9/PO25/ TIOCA9/TIOCB9	D5V POWER	O	-	-	L	L	L	DIGITAL POWER SUPPLY (D3.3V) control pin (ON:H)
86	P74/ADTRG3#	DIR CE	O	-	-	L	L	L	DIR control pin (LC89058W-E)
87	P73	DIR DIN	O	-	-	L	L	L	DIR control pin (LC89058W-E)
88	P72	DIR DOUT	I	DA3VPu	-	I	I	I	DIR control pin (LC89058W-E)
89	P71/CS4#-C/ CS5#-C/CS6#-C/ CS7#-C	DIR CLK	O	-	-	L	L	L	DIR control pin (LC89058W-E)
90	P70/CS3#-B/ ADTRG2#	DIR RST	O	-	-	L	L	L	DIR RESET pin (LC89058W-E)
91	VCC	VCC	-	-	-	-	-	-	+3.3V
92	PB0/A8/PO24/ TIOCA9	CEC SEL	O	-	-	L	L	L	CEC output LINE switching
93	VSS	VSS	-	-	-	-	-	-	GND
94	PA7/A7/PO23/ TIOCA8/TIOCB8/ TCLKH	NC	O/O	-/-	-	L	L	L	Unused
95	PA6/A6/PO22/ TIOCA8	VSEL A	I	-	-	I	I	I	Master Volume rotation detection pin(Rotary encoder)
96	PA5/A5/PO21/ TIOCA7/TIOCB7/ TCLKG	VSEL B	I	-	-	I	I	I	Master Volume rotation detection pin(Rotary encoder)
97	PA4/A4/PO20/ TIOCA7	E POWER 2 (Reserve)	O	-/-	-	L	L	L	Unused

Pin	Pin Name	Symbol	I/O	Pull up/ down	LvCnv	STBY	STOP	CEC STBY	Function
98	PA3/A3/PO19/ TIOCC6/TIOCD6/ TCLKF	DAC(ETHER) MUTE	O	-	-	L	L	L	DAC (ETHER) MUTE control pin (PCM5100 for DM860)
99	PA2/A2/PO18/ TIOCC6/TCLKE	PRE Z2 MUTE	O	-	-	L	L	L	Z2 PRE OUT MUTE control pin
100	PA1/A1/PO17/ TIOCA6/TIOCB6	NC	O	-	-	L	L	L	Unused
101	PA0/A0/BC0#/PO16/ TIOCA6	PRE MUTE	O	-	-	L	L	L	Sub Woofer PRE OUT MUTE control pin
102	PE7/IRQ7-A/D15	ADV8003 INT2	I	-	-	I	I	I	HDMI TX1.0SD INT2 input pin (ADV8003)
103	PE6/IRQ6-A/D14	ADV7850 INT1	I	-	-	I	I	I	HDMI RX INT1 input pin (ADV7850)
104	PE5/IRQ5-A/D13	ADV7850 INT2	I	-	-	L	L	L	HDMI RX INT2 input pin (ADV7850)
105	PE4/D12	ISEL A	I/O	-	-	I/L	I/L	I/L	Input Selector rotation detection pin(Rotary encoder)
106	PE3/D11	ISEL B	I/O	-	-	I/L	I/L	I/L	Input Selector rotation detection pin(Rotary encoder)
107	PE2/D10	VOL CLK	O	-	-	L	L	L	FUNCTION / VOLUME control pin (R2A15218)
108	PE1/D9	VOL DATA	O	-	-	L	L	L	FUNCTION / VOLUME control pin (R2A15218)
109	PE0/D8	PLD WRITE	O	-	-	L	L	L	A.PLD /JTAG switching control pin
110	PD7/D7	JTAG TDO	I	-	-	L	L	L	A.PLD rewriting control pin (JTAG)
111	PD6/D6	JTAG TMS/APLD CS	O/O	-	-	L	L	L	A.PLD rewriting & control pin
112	PD5/D5	JTAG TDI/APLD DATA/DAC DATA	O/O	-	-	L	L	L	A.PLD rewriting & control /DAC control pin
113	PD4/D4	JTAG TCK/APLD CLK/DAC CLK	O/O	-	-	L	L	L	A.PLD rewriting & control /DAC control pin
114	P64/CS4#-B	ADC RST	O	-	-	L	L	L	A/D converter control pin (AK5358B)
115	P63/CS3#-A/CS7#-A	NC	O	-	-	L	L	L	Unused
116	P62/CS2#-A/CS6#-A	E SPI CS	O	N3VPu	-	L	L	L	ETHERNET communication control pin(DM860)
117	P61/CS1#/CS2#-B/ CS5#-A/CS6#-B/ CS7#-B	DAC MS	O	-	-	L	L	L	D/A converter control pin (AK4358VQ)
118	P60/CS0#/CS4#-A/ CS5#-B	DAC RST	O	-	-	L	L	L	D/A converter control pin (AK4358VQ)
119	PD3/D3	NC	O	-	-	L	L	L	Unused
120	PD2/D2	NC	O	-	-	L	L	L	Unused
121	PD1/D1	FL CLK	O	-	-	L	L	L	VFD control pin
122	PD0/D0	FL DATA	O	-	-	L	L	L	VFD control pin
123	P97/AN15	DA POWER	O	-	-	L	L	L	DIGITAL AUDIO POWER SUPPLY (DA3.3V & DA1.2V) control pin.(ON:H)
124	P96/AN14	CEC POWER	O	-	-	L	L	H	HDMI CEC POWER SUPPLY (CEC5V & CEC3.3V & CEC1.8V) control pin. (ON:H)
125	P95/AN13	DV POWER1	O	-	-	L	L	※	Digital VIDEO POWER SUPPLY (DV5V & DV3.3V) control pin. *CEC STANDBY : MODE1=H , MODE2=L , MODE3=L
126	P94/AN12	DV POWER2	O	-	-	L	L	※	Digital VIDEO POWER SUPPLY (DV1.8V) control pin. *CEC STANDBY : MODE1=H , MODE2=L , MODE3=L
127	P93/AN11	MAIN POWER	O	-	-	L	L	L	MAIN POWER control pin
128	P92/AN10	CPU POWER	O	-	-	L	L	L	CPU INTERFACE POWER SUPPLY (SWM3.3V & SWM5V) control pin (POWER ON: H , CEC ON STANDBY: H)
129	P91/AN9	TX EN	O	-	-	L	L	L	Front HDMI INPUT (AD8195) control pin
130	VSS	VSS	-	-	-	-	-	-	GND
131	P90/AN8	MODE	I	-	-	I	I	I	Destination detection pin
132	VCC	VCC	-	-	-	-	-	-	+3.3V
133	P47/IRQ15-B/AN7	THERMAL B/DC DET/ASO	I	-	-	I	I	I	ASO PROTECT / DC PROTECT / HEAT PROTECT-B detection pin
134	P46/IRQ14-B/AN6	H/P DET / MIC DET/THERMAL A	I	-	-	I	I	I	MIC detection / Headphone detection / HEAT PROTECT-A detection pin
135	P45/IRQ13-B/AN5	KEY3	I	SW3VPu	-	I	I	I	Button input 3
136	P44/IRQ12-B/AN4	KEY2	I	SW3VPu	-	I	I	I	Button input 2
137	P43/IRQ11-B/AN3	KEY1	I	SW3VPu	-	I	I	I	Button input 1
138	P42/IRQ10-B/AN2	E SPI REQ	I	Pd	-	I	L	I	ETHERNET communication control pin(DM860)

Pin	Pin Name	Symbol	I/O	Pull up/ down	LvCnv	STBY	STOP	CEC STBY	Function
139	P41/IRQ9-B/AN1	HDMI IN 5V SET	I	-	-	I	I	I	HDMI INPUT 5V (for EDID / HOT PLUG) detection pin
140	AVSS	AVSS	-	-	-	-	-	-	GND
141	P40/IRQ8-B/AN0	CEC_IN	I	SW3VPu	-	I	I	I	CEC-D signal input pin
142	VREF	VREF	-	-	-	-	-	-	Reference voltage (+3.3V) input pin for A/D port
143	AVCC	AVCC	-	-	-	-	-	-	+3.3V
144	P05/IRQ13-A/TMO3/ RxD4/TCK	NC	I	M3VPu	-	I	I	I	NC

R5F5210ABDFP (HDMI : U2101)



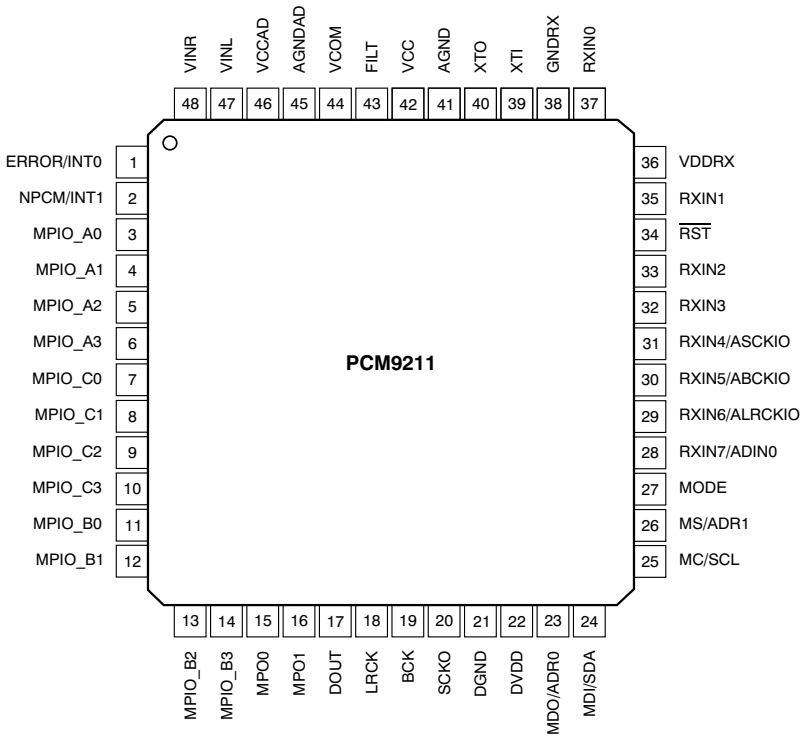
R5F5210ABDFP Terminal Functions

Pin	Symbol	Pin Name	I/O	Pu/Pd	LvCnv	STBY	CEC STBY	Function
1	VREFH	VREFH	-	-	-	-	-	+3.3V
2	P03/DA0	NET/HDMI	O	C	-	Z	L	VPLD control pin (H:NET/WiFi/USB/BT,L:HDMI)
3	VREFL	VREFL	-	-	-	-	-	GND
4	PJ3	778_3/778_2	O	C	-	Z	-	Audio data Bus control pin (HDMI input) (H:MN8647781_3,L:MN8647781_2)
5	VCL	VCL	I	-	-	-	-	Smoothing capacitor connection pin
6	PJ1	TX/RX	O	C	-	Z	-	NC
7	MD	MD	I	-	SCPU 3VPu	-	-	Single-chip/Micro-processor mode switching (Normal single-chip : L, Rewrite boot program start : H input set)
8	XCIN	XCIN	I	-	-	-	-	NC
9	XCOUT	XCOUT	O	-	-	-	-	NC
10	RES#	SUB_RESET	I	-	SCPU 3VPu	Z	-	Reset input
11	XTAL/P37	XTAL	O	-	-	-	-	Oscillator connection
12	VSS	VSS	-	-	-	-	-	GND
13	EXTAL/P36	EXTAL	I	-	-	-	-	Oscillator connection
14	VCC	VCC	-	-	-	-	-	+3.3V
15	P35/NMI(input)	NMI	I	-	SCPU 3VPu	-	-	NC
16	P34/SCK6/IRQ4	CEC_OUT	O	C	-	Z	-	CEC-D signal output pin
17	P33/RXD6/SSCL6/IRQ3-DS	778_2_HAINT	I	-	-	Z	-	HDMI MN8647781(RX) Audio INT input pin
18	P32/TXD6/SSDA6/IRQ2-DS	CEC_IN	I	-	SCPU 3VPu	Z	-	CEC-D signal input pin
19	P31/IRQ1-DS	ACKSIMO	I	-	-	Z	-	MAIN-SUB ucom communication control pin
20	P30/RXD1/SSCL1/ IRQ0DS	SCPURXD	I	-	Pd	Z	-	Data reception input from the external
21	P27/SCK1	DIRCE	O	C	-	Z	L	DIR control pin(PCM9211)
22	P26/TXD1/SSDA1	SCPUTXD	O	C	SCPU 3VPu	Z	-	Data transmission output to external
23	P25	DIRDOUT	I	-	DA 3.3Pu	Z	-	DIR control pin(PCM9211)
24	P24	DIRCLK	O	C	-	Z	L	DIR control pin(PCM9211)
25	P23	REQSOMI	O	C	-	Z	-	MAIN-SUB ucom communication control pin
26	P22/SCK0	CLKSIMO	I	-	-	Z	-	MAIN-SUB ucom communication control pin
27	P21/RXD0/SSCL0	SIMO	I	-	-	Z	-	MAIN-SUB ucom communication control pin
28	P20/TXD0/SSDA0	SOMI	O	C	-	Z	-	MAIN-SUB ucom communication control pin
29	P17/SCK1/IRQ7	DIRRST	O	C	-	O/L	L	DIR control pin(PCM9211)
30	P16/TXD1/SSDA1/IRQ6	DIRDIN	O	C	-	Z	L	DIR control pin(PCM9211)
31	P15/RXD1/SSCL1/IRQ5	SUB_ BDOWN	I	-	-	Z	-	Power failure detect(Power failure:L)
32	P14/IRQ4	NC	O	C	-	Z	-	NC
33	P13/SDA/IRQ3	NC	O	C	-	Z	-	NC

Pin	Symbol	Pin Name	I/O	Pu/Pd	LvCnv	STBY	CEC STBY	Function
34	P12/SCL/IRQ2	778_1_RST	O	C	Pd	Z	※	HDMI MN8647781(TX) RESET control pin
35	PH3	HSDA	I/O	C	CEC 3VPu	O/L	L	HDMI I2C- MN8647781
36	PH2/IRQ1	HSCL	I/O	C	CEC 3VPu	O/L	L	HDMI I2C- MN8647781
37	PH1/IRQ0	778_1_HINT	I	-	-	Z	-	HDMI MN8647781(TX) HDMI INT input pin
38	PH0	778_2_RST	O	C	Pd	Z	※	HDMI MN8647781(RX) RESET control pin
39	P55	778_2_HINT	I	-	-	Z	-	HDMI MN8647781(RX) HDMI INT input pin
40	P54	778_3_RST	O	C	Pd	Z	※	HDMI MN8647781(RX) RESET control pin
41	BCLK/P53	778_3_HINT	I	-	-	Z	-	HDMI MN8647781(RX) HDMI INT input pin
42	P52	IP_RST	O	C	Pd	Z	L	HDMI ADV8003 RESET control pin
43	P51	DE_RST	O	C	Pd	Z	L	HDMI ADV7850 RESET control pin
44	P50	DE_INT	I	-	-	Z	-	HDMI ADV7850 HDMI INT input pin
45	PC7/TXD8/SSDA8	UB	I	-	Pd	Z	-	Unused
46	PC6/RXD8/SSCL8	HINSELA	O	C	-	Z	-	TC74VHC4051AFT control pin. (Control the detection of HDMI 5V INPUT for CEC STANDBY.)
47	PC5/SCK8	HINSELB	O	C	-	Z	-	TC74VHC4051AFT control pin. (Control the detection of HDMI 5V INPUT for CEC STANDBY.)
48	PC4/SCK5	HINSELC	O	C	-	Z	-	TC74VHC4051AFT control pin. (Control the detection of HDMI 5V INPUT for CEC STANDBY.)
49	PC3/TXD5/SSDA5	DSPMOSI	O	C	DA3 VPu	Z	L	DSP control pin (ADSP21487KSWZ-3B)
50	PC2/RXD5/SSCL5	DSPMISO	I	-	DA3 VPu	Z	-	DSP control pin (ADSP21487KSWZ-3B)
51	PC1/SCK5	DSPICLK	O	C	DA3 VPu	Z	L	DSP control pin (ADSP21487KSWZ-3B)
52	PC0	DA_POWER	O	C	-	Z	L	DIGITAL AUDIO POWER SUPPLY (DA3.3V & DA1.1V) control pin.(ON:H)
53	PB7/TXD9/SSDA9	AVSDA	I/O	C	DV3 VPu	O/L	L	VIDEO I2C- ADV8003/ADV7850
54	PB6/RXD9/SSCL9	AVSCL	I/O	C	DV3 VPu	O/L	L	VIDEO I2C- ADV8003/ADV7850
55	PB5/SCK9	CEC_ POWER	O	C	-	Z	※	HDMI CEC POWER SUPPLY control pin (CEC5V,CEC3.3V,CEC1.8V)
56	PB4	DV_POWER1	O	C	-	Z	L	Digital VIDEO POWER SUPPLY control pin (DV5V,DV3.3V)
57	PB3/SCK8	DV_POWER2	O	C	-	Z	-	Digital VIDEO POWER SUPPLY control pin (DV1.8V)
58	PB2	H5VDET	I	-	-	Z	-	HDMI INPUT 5V (for EDID / HOT PLUG) detection pin
59	PB1/TXD6/SSDA6/IRQ4-DS	778_3_HAINT	I	-	-	Z	-	HDMI MN8647781(RX) Audio INT input pin
60	VCC	VCC	-	-	-	-	-	+3.3V
61	PB0/RXD6/SSCL6	NC	O	C	-	Z	-	NC
62	VSS	VSS	-	-	-	-	-	GND
63	PA7	HPD8	O	C	-	Z	L	HPD8 output pin
64	PA6	HPD7	O	C	-	Z	L	HPD7 output pin
65	PA5	HPD6	O	C	-	Z	L	HPD6 output pin
66	PA4/TXD5/SSDA5/IRQ5-DS	HPD5	O	C	-	Z	L	HPD5 output pin
67	PA3/RXD5/SSCL5/IRQ6-DS	HPD4	O	C	-	Z	L	HPD4 output pin
68	PA2/RXD5/SSCL5	HPD3	O	C	-	Z	L	HPD3 output pin
69	PA1/SCK5	HPD2	O	C	-	Z	L	HPD2 output pin
70	PA0	HPD1	O	C	-	Z	L	HPD1 output pin
71	PE7/IRQ7/AN015	APLDCK	O	C	-	Z	L	A.PLD control pin
72	PE6/IRQ6/AN014	APLDCS	O	C	-	O/L	L	A.PLD control pin
73	PE5/IRQ5/AN013	APLDDI	O	C	-	Z	L	A.PLD control pin
74	PE4/AN012	SUB_TCK	O	C	Pd	Z	L	A.PLD/V.PLD rewriting pin(JTAG)
75	PE3/AN011	SUB_TDI	O	C	DA 3.3Pu	Z	L	A.PLD/V.PLD rewriting pin(JTAG)
76	PE2/RXD12/SSCL12/ IRQ7-DS/AN010	SUB_TDO	I	-	-	Z	L	A.PLD/V.PLD rewriting pin(JTAG)
77	PE1/TXD12/SSDA12/ AN009	SUB_TMS	O	C	DA 3.3Pu	Z	L	A.PLD/V.PLD rewriting pin(JTAG)
78	PE0/SCK12/AN008	DACRST1	O	C	-	Z	L	D/A converter control pin(PCM1690)
79	PD7/IRQ7	NC	O	C	-	Z	-	NC
80	PD6/IRQ6	DACMC	O	C	-	Z	L	D/A converter control pin(PCM1690)
81	PD5/IRQ5	DACMD	O	C	-	Z	L	D/A converter control pin(PCM1690)
82	PD4/IRQ4	DACMS1	O	C	-	Z	L	D/A converter control pin(PCM1690)
83	PD3/IQR3	NC	O	C	-	Z	-	NC
84	PD2/IRQ2	DSP1RST	O	C	-	Z	L	DSP(ADSP21487KSWZ-3B) reset output pin (Reset : L)

Pin	Symbol	Pin Name	I/O	Pu/Pd	LvCnv	STBY	CEC STBY	Function
85	PD1/IRQ1	DSP1CS	O	C	DA 3VPu	Z	L	DSP control pin (ADSP21487KSWZ-3B)
86	PD0/IRQ0	DSP1FLAG0	I	-	Pd	Z	-	DSP control pin (ADSP21487KSWZ-3B)
87	P47/AN007	NC	O	C	-	Z	-	NC
88	P46/AN006	VIN A	O	C	-	Z	-	COMPOSITE VIDEO SELECT IC(NJM2595)
89	P45/AN005	VIN B	O	C	-	Z	-	COMPOSITE VIDEO SELECT IC(NJM2595)
90	P44/AN004	VIN C	O	C	-	Z	-	COMPOSITE VIDEO SELECT IC(NJM2595)
91	P43/AN003	COMP SW1	O	C		O/L	L	COMPONENT VIDEO SELECT IC(NJM2586)
92	P42/AN002	COMP SW2	O	C		O/L	L	COMPONENT VIDEO SELECT IC(NJM2586)
93	P41/AN001	NC	O	C	-	Z	-	NC
94	VREFL0	VREFL0	-	-	-	-	-	GND
95	P40/AN000	NC	O	C	-	Z	-	NC
96	VREFH0	VREFH0	-	-	-	-	-	+3.3V
97	AVCC0	AVCC	-	-	-	-	-	+3.3V
98	P07	NC	O	C	-	Z	-	NC
99	AVSS0	AVSS0	-	-	-	-	-	GND
100	P05	TXEN	O	C	-	Z	-	Front HDMI INPUT (AD8195) control pin

PCM9211 (HDMI : U1000)



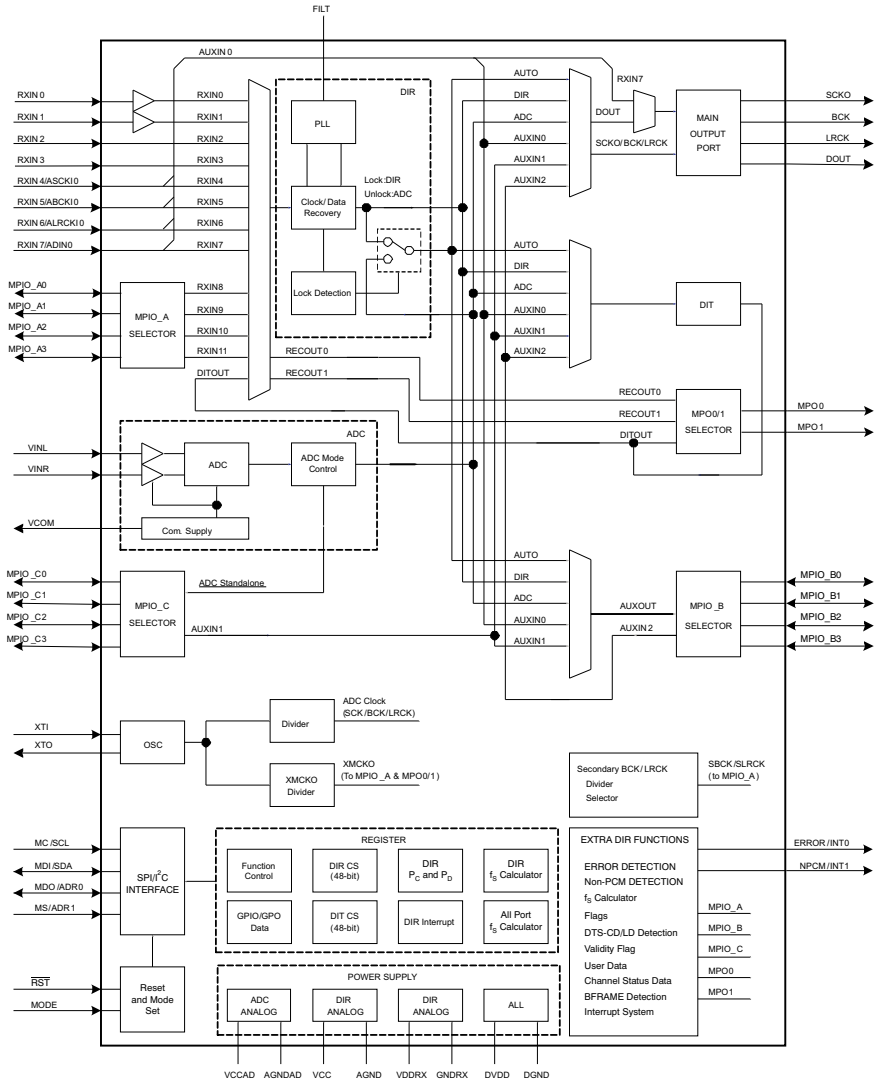
PIN Functions

PIN				DESCRIPTION
NO.	NAME	I/O	5-V TOLERANT	
1	ERROR/INT0	O	No	DIR Error detection output / Interrupt0 output
2	NPCM/INT1	O	No	DIR Non-PCM detection output / Interrupt1 output
3	MPIO_A0	I/O	Yes	Multipurpose I/O, Group A(1)
4	MPIO_A1	I/O	Yes	Multipurpose I/O, Group A(1)
5	MPIO_A2	I/O	Yes	Multipurpose I/O, Group A(1)
6	MPIO_A3	I/O	Yes	Multipurpose I/O, Group A(1)
7	MPIO_C0	I/O	Yes	Multipurpose I/O, Group C(1)
8	MPIO_C1	I/O	Yes	Multipurpose I/O, Group C(1)
9	MPIO_C2	I/O	Yes	Multipurpose I/O, Group C(1)
10	MPIO_C3	I/O	Yes	Multipurpose I/O, Group C(1)
11	MPIO_B0	I/O	Yes	Multipurpose I/O, Group B(1)
12	MPIO_B1	I/O	Yes	Multipurpose I/O, Group B(1)
13	MPIO_B2	I/O	Yes	Multipurpose I/O, Group B(1)
14	MPIO_B3	I/O	Yes	Multipurpose I/O, Group B(1)
15	MPO0	O	No	Multipurpose output 0
16	MPO1	O	No	Multipurpose output 1
17	DOUT	O	No	Main output port, serial digital audio data output
18	LRCK	O	No	Main output port, LR clock output
19	BCK	O	No	Main output port, Bit clock output
20	SCKO	O	No	Main output port, System clock output
21	DGND	–	–	Ground, for digital
22	DVDD	–	–	Power supply, 3.3 V (typ.), for digital
23	MDO/ADR0	I/O	Yes	Software control I/F, SPI data output / I2C slave address setting0(2)
24	MDI/SDA	I/O	Yes	Software control I/F, SPI data input / I2C data input/output(2) (3)
25	MC/SCL	I	Yes	Software control I/F, SPI clock input / I2C clock input(2)
26	MS/ADR1	I	Yes	Software control I/F, SPI chip select / I2C slave address setting1(2)
27	MODE	I	No	Control mode setting, (see the Serial Control Mode section, Control Mode Pin Setting)
28	RXIN7/ADIN0	I	Yes	Biphase signal, input 7 / AUXIN0, serial audio data input(2)
29	RXIN6/ALRCKI0	I	Yes	Biphase signal, input 6 / AUXIN0, LR clock input(2)
30	RXIN5/ABCKI0	I	Yes	Biphase signal, input 5 / AUXIN0, bit clock input(2)
31	RXIN4/ASCKI0	I	Yes	Biphase signal, input 4 / AUXIN0, system clock input(2)
32	RXIN3	I	Yes	Biphase signal, input 3(2)
33	RXIN2	I	Yes	Biphase signal, input 2(2)

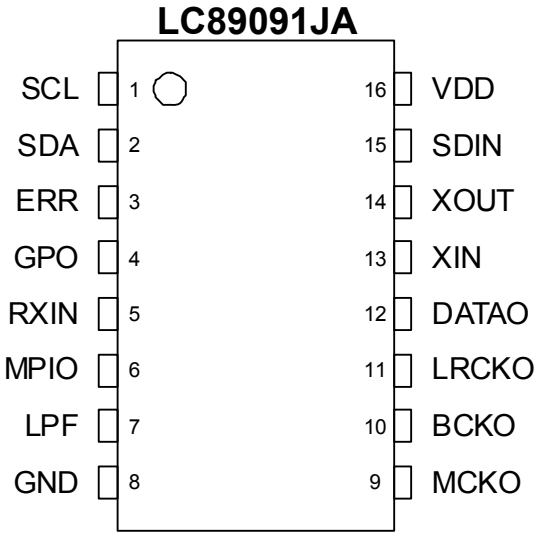
PIN				DESCRIPTION
NO.	NAME	I/O	5-V TOLERANT	
34	RST	I	Yes	Reset Input, active low(2) (4)
35	RXIN1	I	Yes	Biphase signal, input 1, built-in coaxial amplifier
36	VDDRX	–	–	Power supply, 3.3 V (typ.), for RXIN0 and RXIN1.
37	RXIN0	I	Yes	Biphase signal, input 0, built-in coaxial amplifier
38	GNDRX	-	-	Ground, for RXIN
39	XTI	I	No	Oscillation circuit input for crystal resonator or external XTI clock source input(5)
40	XTO	O	No	Oscillation circuit output for crystal resonator
41	AGND	–	–	Ground, for PLL analog
42	VCC	–	–	Power supply, 3.3 V (typ.), for PLL analog
43	FILT	O	No	External PLL loop filter connection terminal; must connect recommended filter
44	VCOM	O	No	ADC common voltage output; must connect external decoupling capacitor
45	AGNDAD	–	–	Ground, for ADC analog
46	VCCAD	–	–	Power supply, 5.0 V (typ.), for ADC analog
47	VINL	I	No	ADC analog voltage input, left channel
48	VINR	I	No	ADC analog voltage input, right channel

(1) Schmitt trigger input
(2) Schmitt trigger input
(3) Open-drain configuration in I2C mode
(4) Onboard pull-down resistor (50 kΩ, typical)
(5) CMOS Schmitt trigger input

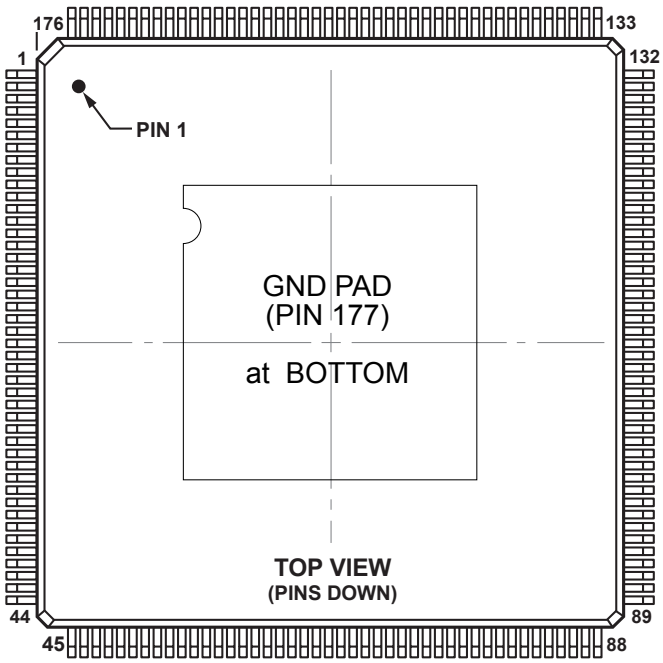
PCM9211 BLOCK DIAGRAM



LC89091JA (DIGITAL : U1004, U1005)



ADSP21487KSWZ4B (DIGITAL:U101, U201, U301, U401)



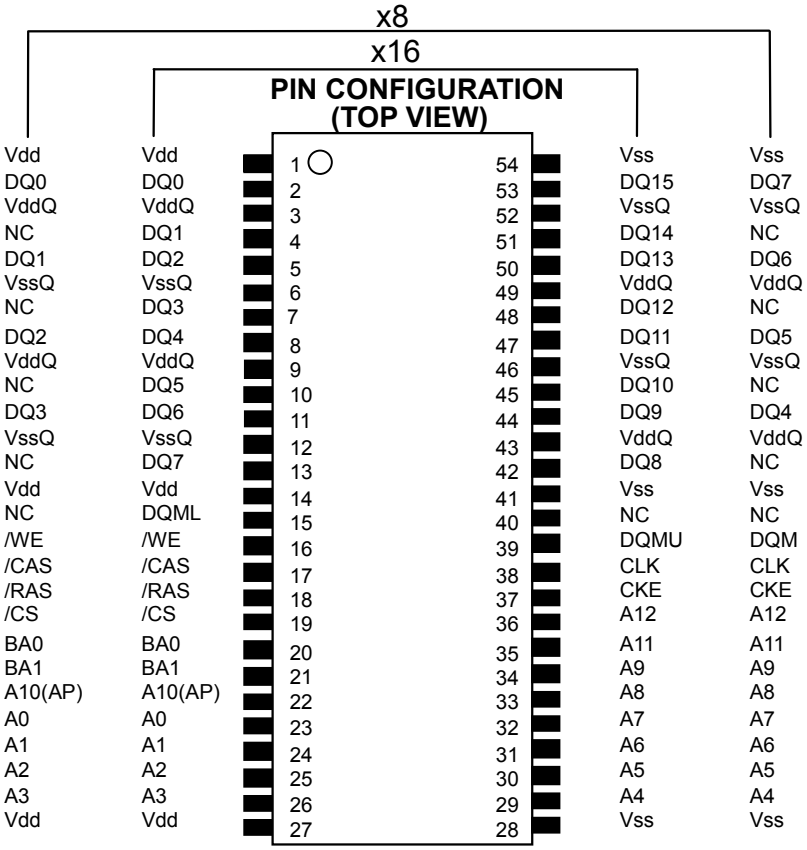
ADSP21487KSWZ3B Terminal Function

Pin Name	Pin No.	Pin Name	Pin No.	Pin Name	Pin No.	Pin Name	Pin No.
SDDQM	1	V_{DD_EXT}	45	DAI_P10	89	V_{DD_INT}	133
$\overline{MS0}$	2	DPI_P08	46	V_{DD_INT}	90	FLAG0	134
SDCKE	3	DPI_P07	47	V_{DD_EXT}	91	FLAG1	135
V_{DD_INT}	4	V_{DD_INT}	48	DAI_P20	92	FLAG2	136
CLK_CFG1	5	DPI_P09	49	V_{DD_INT}	93	NC	137
ADDR0	6	DPI_P10	50	DAI_P08	94	FLAG3	138
BOOT_CFG0	7	DPI_P11	51	DAI_P14	95	NC	139
V_{DD_EXT}	8	DPI_P12	52	DAI_P04	96	NC	140
ADDR1	9	DPI_P13	53	DAI_P18	97	V_{DD_EXT}	141
ADDR2	10	DPI_P14	54	DAI_P17	98	NC	142
ADDR3	11	DAI_P03	55	DAI_P16	99	V_{DD_INT}	143
ADDR4	12	NC	56	DAI_P12	100	$\overline{TRST}$	144
ADDR5	13	V_{DD_EXT}	57	DAI_P15	101	NC	145
BOOT_CFG1	14	NC	58	V_{DD_INT}	102	$\overline{EMU}$	146
GND	15	NC	59	DAI_P11	103	DATA0	147
ADDR6	16	NC	60	V_{DD_EXT}	104	DATA1	148
ADDR7	17	NC	61	V_{DD_INT}	105	DATA2	149
NC	18	V_{DD_INT}	62	BOOT_CFG2	106	DATA3	150
NC	19	NC	63	V_{DD_INT}	107	TDO	151
ADDR8	20	NC	64	AMI_ACK	108	DATA4	152
ADDR9	21	V_{DD_INT}	65	GND	109	V_{DD_EXT}	153
CLK_CFG0	22	NC	66	THD_M	110	DATA5	154
V_{DD_INT}	23	NC	67	THD_P	111	DATA6	155
CLKIN	24	V_{DD_INT}	68	V_{DD_THD}	112	V_{DD_INT}	156
XTAL	25	NC	69	V_{DD_INT}	113	DATA7	157
ADDR10	26	$\overline{WDTRSTO}$	70	V_{DD_INT}	114	TDI	158
SDA10	27	NC	71	$\overline{MS1}$	115	SDCLK	159
V_{DD_EXT}	28	V_{DD_EXT}	72	V_{DD_INT}	116	V_{DD_EXT}	160
V_{DD_INT}	29	DAI_P07	73	WDT_CLKO	117	DATA8	161
ADDR11	30	DAI_P13	74	WDT_CLKIN	118	DATA9	162
ADDR12	31	DAI_P19	75	V_{DD_EXT}	119	DATA10	163
ADDR17	32	DAI_P01	76	ADDR23	120	TCK	164
ADDR13	33	DAI_P02	77	ADDR22	121	DATA11	165
V_{DD_INT}	34	V_{DD_INT}	78	ADDR21	122	DATA12	166
ADDR18	35	NC	79	V_{DD_INT}	123	DATA14	167
$\overline{RESETOUT}/\overline{RUNRSTIN}$	36	NC	80	ADDR20	124	DATA13	168
V_{DD_INT}	37	NC	81	ADDR19	125	V_{DD_INT}	169
DPI_P01	38	NC	82	V_{DD_EXT}	126	DATA15	170
DPI_P02	39	NC	83	ADDR16	127	$\overline{SDWE}$	171
DPI_P03	40	V_{DD_EXT}	84	ADDR15	128	$\overline{SDRAS}$	172
V_{DD_INT}	41	V_{DD_INT}	85	V_{DD_INT}	129	$\overline{RESET}$	173
DPI_P05	42	DAI_P06	86	ADDR14	130	TMS	174
DPI_P04	43	DAI_P05	87	$\overline{AMI\_WR}$	131	$\overline{SDCAS}$	175
DPI_P06	44	DAI_P09	88	$\overline{AMI\_RD}$	132	V_{DD_INT}	176
						GND	177*

* at BOTTOM

A3V56S40GTP-60(DIGITAL:U103, U203, U303, U403)

PIN CONFIGURATION (TOP VIEW)

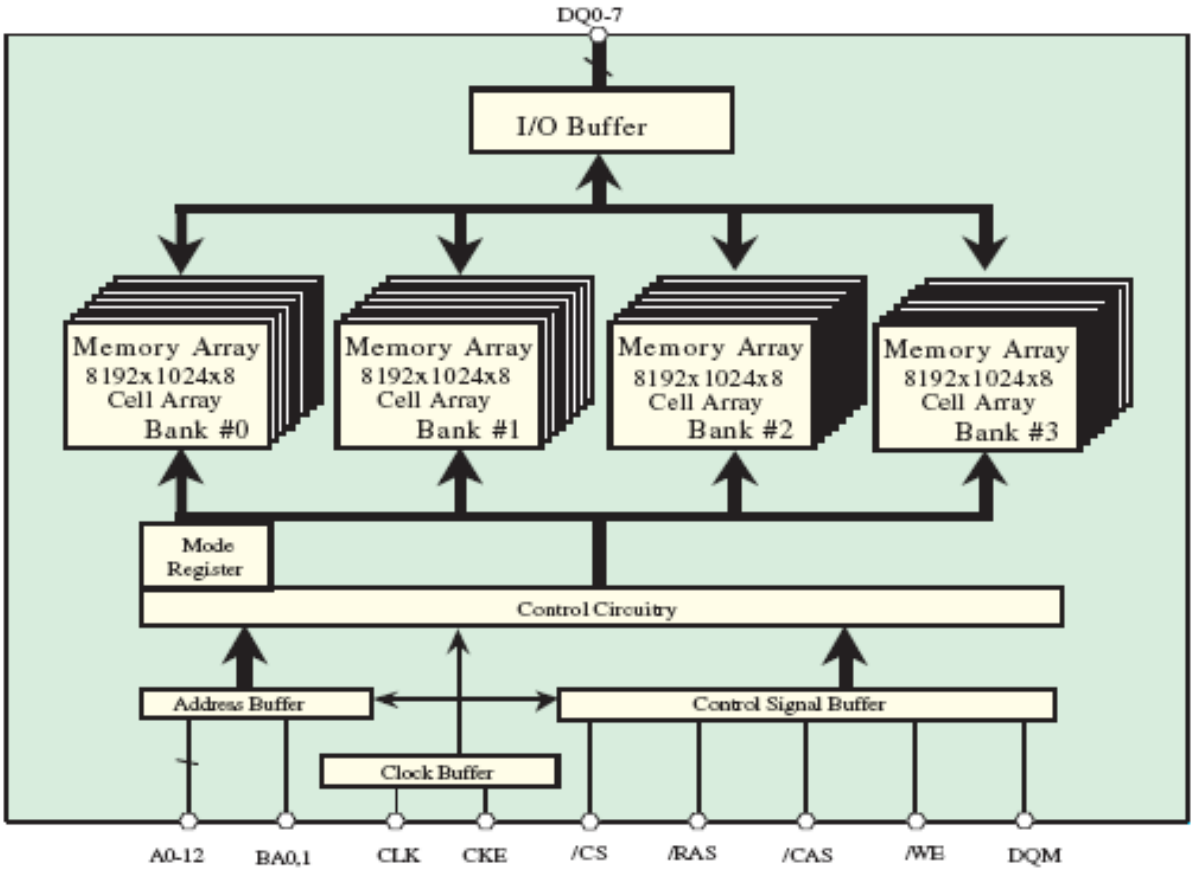


A3V64S40GTP-60 Pin Function

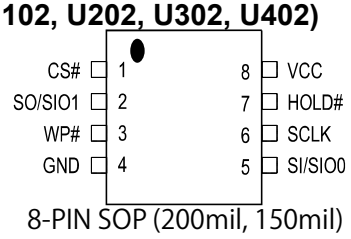
Pin Descriptions

SYMBOL	TYPE	DESCRIPTION
CLK	Input	Clock: CLK is driven by the system clock. All SDRAM input signals are sampled on the positive edge of CLK. CLK also increments the internal burst counter and controls the output registers.
CKE	Input	Clock Enable: CKE activates (HIGH) and deactivates (LOW) the CLK signal. Deactivating the clock provides PRECHARGE POWER-DOWN and SELF REFRESH operation (all banks idle), ACTIVE POWER-DOWN (row active in any bank), or CLOCK SUSPEND operation (burst / access in progress). CKE is synchronous except after the device enters self refresh mode, where CKE becomes asynchronous until after exiting the same mode. The input buffers, including CLK, are disabled during self refresh mode, providing low standby power. CKE may be tied HIGH.
/CS	Input	Chip Select: /CS enables (registered LOW) and disables (registered HIGH) the command decoder. All commands are masked when /CS is registered HIGH. /CS provides for external bank selection on systems with multiple banks. /CS is considered part of the command code.
/CAS, /RAS, /WE	Input	Command Inputs: /CAS, /RAS, and /WE (along with /CS) define the command being entered.
DQM, DQML, DQMU,	Input	Input / Output Mask: DQM is sampled HIGH and is an input mask signal for write accesses and an output disable signal for read accesses. Input data is masked during a WRITE cycle. The output buffers are placed in a High-Z state (two-clock latency) when during a READ cycle. DQM corresponds to DQ0–DQ7 (A3V56S30FTP). DQML corresponds to DQ0–DQ7, DQMU corresponds to DQ8–DQ15 (A3V56S40FTP).
BA0, BA1	Input	Bank Address Input(s): BA0 and BA1 define to which bank the ACTIVE, READ, WRITE or PRECHARGE command is being applied.
A0–A12	Input	A0-12 specify the Row / Column Address in conjunction with BA0,1. The Row Address is specified by A0-12. The Column Address is specified by A0-9(x8) and A0-8(x16). A10 is also used to indicate precharge option. When A10 is high at a read / write command, an auto precharge is performed. When A10 is high at a precharge command, all banks are precharged.
DQ0–DQ15	I/O	Data Input / Output: Data bus.
NC	–	Internally Not Connected: These could be left unconnected, but it is recommended they be connected or Vss.
VddQ	Supply	Data Output Power: Provide isolated power to output buffers for improved noise immunity.
VssQ	Supply	Data Output Ground: Provide isolated ground to output buffers for improved noise immunity.
Vdd	Supply	Power for the input buffers and core logic.
Vss	Supply	Ground for the input buffers and core logic.

A3V64S40GTP-60 Block Diagram

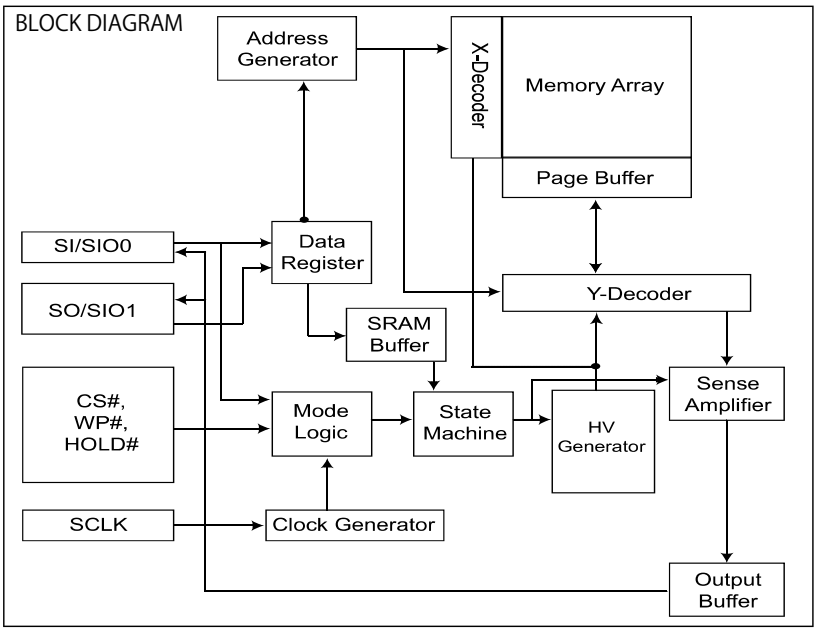


MX25L1606EM2I-12G(DIGITAL:U102, U202, U302, U402)



8-PIN SOP (200mil, 150mil)

MX25L1606EM2I-12G Block Diagram



PCM5100 (DAC : U106, U109)

PCM510X (top view)

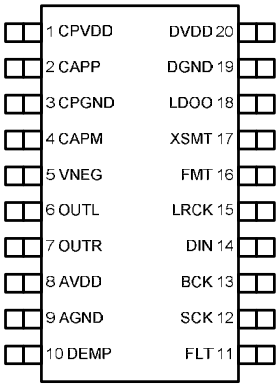


Table 2. TERMINAL FUNCTIONS, PCM510x

TERMINAL		I/O	DESCRIPTION
NAME	NO.		
CPVDD	1	-	Charge pump power supply, 3.3V
CAPP	2	O	Charge pump flying capacitor terminal for positive rail
CPGND	3	-	Charge pump ground
CAPM	4	O	Charge pump flying capacitor terminal for negative rail
VNEG	5	O	Negative charge pump rail terminal for decoupling, -3.3V
OUTL	6	O	Analog output from DAC left channel
OUTR	7	O	Analog output from DAC right channel
AVDD	8	-	Analog power supply, 3.3V
AGND	9	-	Analog ground
DEMP	10	I	De-emphasis control for 44.1kHz sampling rate(1): Off (Low) / On (High)
FLT	11	I	Filter select : Normal latency (Low) / Low latency (High)
SCK	12	I	System clock input
BCK	13	I	Audio data bit clock input
DIN	14	I	Audio data input
LRCK	15	I	Audio data word clock input
FMT	16	I	Audio format selection : I^2S (Low) / Left justified (High)
XSMT	17	I	Soft mute control : Soft mute (Low) / soft un-mute (High)
LDOO	18	-	Internal logic supply rail terminal for decoupling
DGND	19	-	Digital ground
DVDD	20	-	Digital power supply, 3.3V

(1) Failsafe LVCMOS Schmitt trigger input

PCM5100 Block Diagram

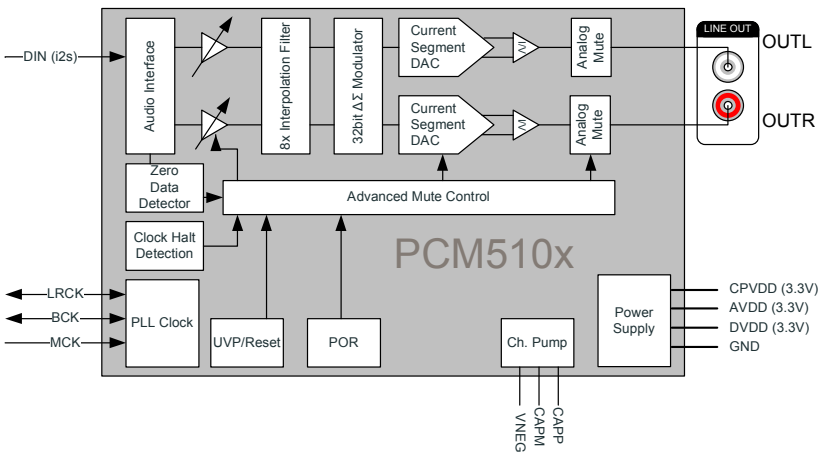
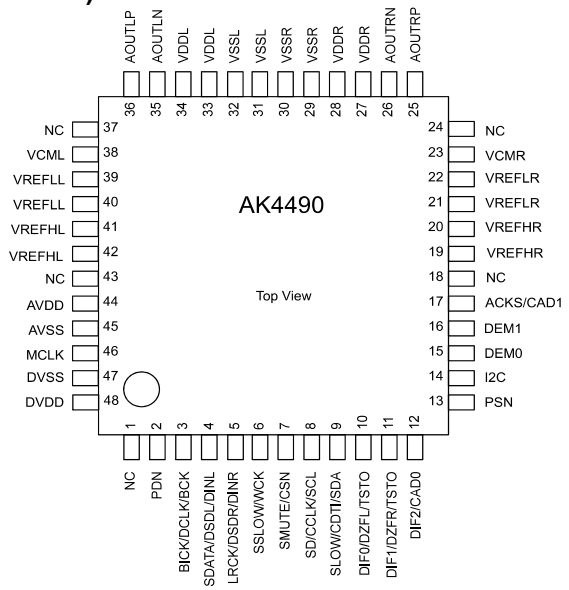


Figure 1. PCM510x Functional Block Diagram

AK4490EQ (DAC : U4012 - U4018)



AK4490EQ Pin Function

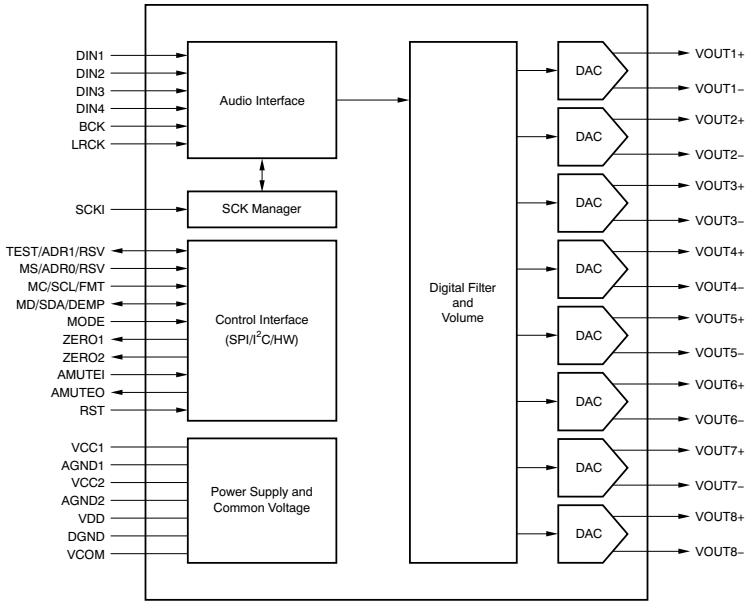
No.	Pin Name	I/O	Function
1	NC	-	No internal bonding. Connect to GND.
2	PDN	I	Power-Down Mode Pin When at "L", the AK4490 is in power-down mode and is held in reset. The AK4490 must always be reset upon power-up.
3	BICK	I	Audio Serial Data Clock Pin in PCM Mode
	DCLK	I	DSD Clock Pin in DSD Mode
	BCK	I	Audio Serial Data Clock Pin
4	SDATA	I	Audio Serial Data Input Pin in PCM Mode
	DSDL	I	DSD Lch Data Input Pin in DSD Mode
	DINL	I	Lch Audio Serial Data Input Pin
5	LRCK	I	L/R Clock Pin in PCM Mode
	DSDR	I	DSD Rch Data Input Pin in DSD Mode in Serial Control Mode
	DINR	I	Rch Audio Serial Data Input Pin in Serial Control Mode
6	SSLOW	I	Digital filter setting in Parallel Control Mode
	WCK	I	Word Clock input pin in Serial Control Mode
7	SMUTE	I	Soft Mute Pin in Parallel Control Mode When this pin is changed to "H", soft mute cycle is initiated. When returning "L", the output mute releases.
	CSN	I	Chip Select Pin in Serial Control Mode, I2C= "L"
8	SD	I	Digital filter setting in Parallel Control Mode
	CCLK	I	Control Data Clock Pin in Serial Control Mode, I2C= "L"
	SCL	I	Control Data Clock Pin in Serial Control Mode, I2C= "H"
9	SLOW	I	Digital filter setting in Parallel Control Mode
	CDTI	I	Control Data Input Pin in Serial Control Mode, I2C= "L"
	SDA	I/O	Control Data Clock Pin in Serial Control Mode, I2C= "H"
10	DIF0	I	Digital Input Format 0 Pin in PCM Mode
	DZFL	O	Lch Zero Input Detect Pin in Serial Control Mode
11	DIF1	I	Digital Input Format 1 Pin in PCM Mode
	DZFR	O	Rch Zero Input Detect Pin in Serial Control Mode
12	DIF2	I	Digital Input Format 2 Pin in PCM Mode
	CAD0	I	Chip Address 0 Pin in Serial Control Mode
13	PSN	I	Parallel or Serial Select Pin (Internal pull-up pin) "L": Serial Control Mode, "H": Parallel Control Mode
14	I2C	I	I2C mode select pin in Serial mode (Internal pull-down pin)
15	DEM0	I	De-emphasis Enable 0 Pin in Parallel Control Mode (Internal pull-up pin)

Note: All input pins except internal pull-up/down pins must not be left floating.

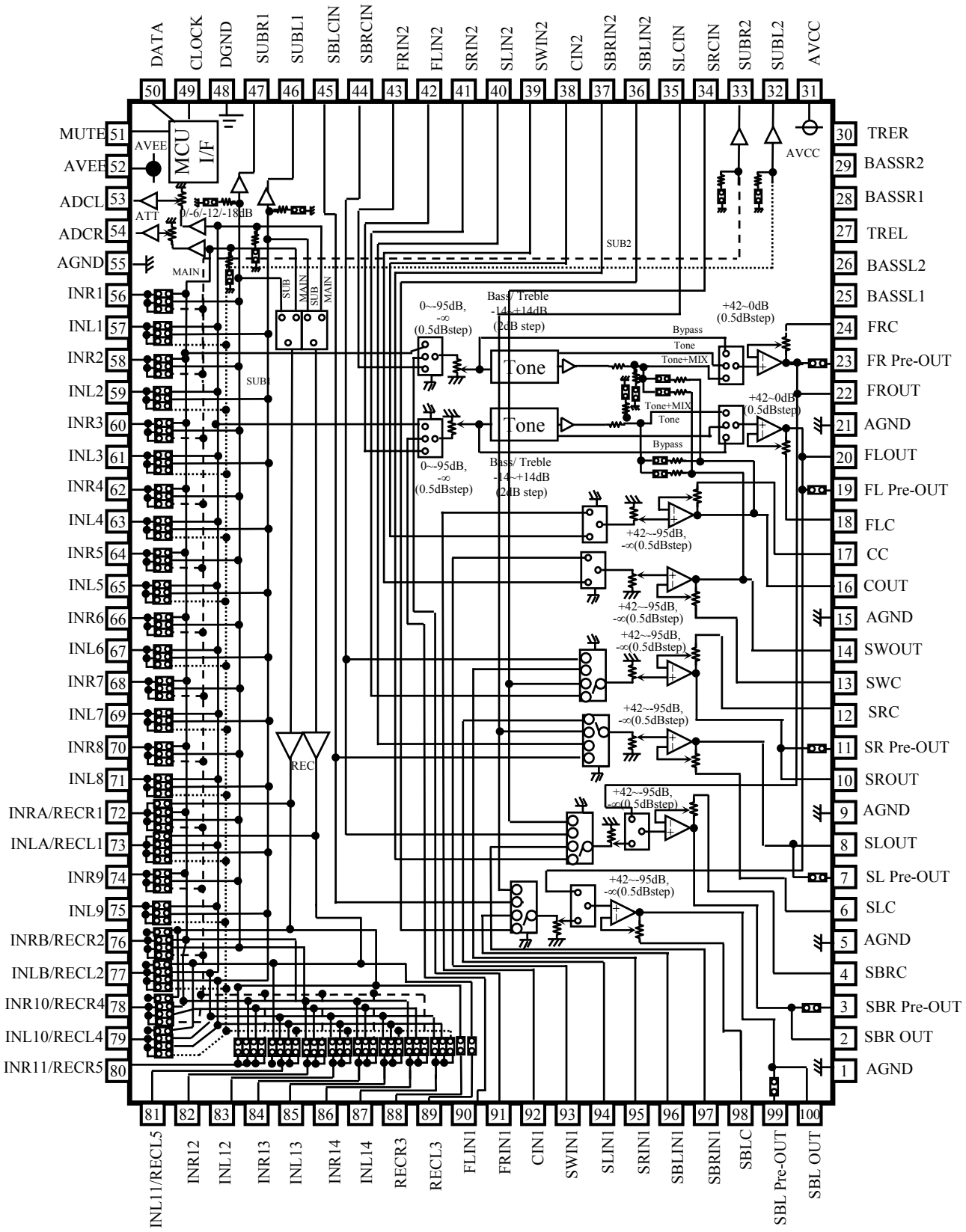
16	DEM1	I	De-emphasis Enable 1 Pin in Parallel Control Mode (Internal pull-down pin)
17	ACKS	I	Master Clock Auto Setting Mode Pin in Parallel Mode (Internal pull-down pin)
	CAD1	I	Chip Address 1 Pin in Serial Control Mode
18	NC	-	No internal bonding. Connect to GND.
19	VREFHR	I	Rch High Level Voltage Reference Input Pin
20	VREFHR	I	Rch High Level Voltage Reference Input Pin
21	VREFLR	I	Rch Low Level Voltage Reference Input Pin
21	VREFLR	I	Rch Low Level Voltage Reference Input Pin
23	VCMR	-	Right channel Common Voltage Pin, Normally connected to VREFLR with a 10uF electrolytic cap.
24	NC	-	No internal bonding. Connect to GND.
25	AOUTRP	O	Rch Positive Analog Output Pin
26	AOUTRN	O	Rch Negative Analog Output Pin
27	VDDR	-	Rch Analog Power Supply Pin, 4.75 ~ 7.2V
28	VDDR	-	Rch Analog Power Supply Pin, 4.75 ~ 7.2V
29	VSSR		Ground Pin
30	VSSR		Ground Pin
31	VSSL		Ground Pin
32	VSSL		Ground Pin
33	VDDL	-	Lch Analog Power Supply Pin, 4.75 ~ 7.2V
34	VDDL	-	Lch Analog Power Supply Pin, 4.75 ~ 7.2V
35	AOUTLN	O	Lch Negative Analog Output Pin
36	AOUTLP	O	Lch Positive Analog Output Pin
37	NC	-	No internal bonding. Connect to GND.
38	VCML	-	Left channel Common Voltage Pin, Normally connected to VREFLL with a 10uF electrolytic cap.
39	VREFLL	I	Lch Low Level Voltage Reference Input Pin
40	VREFLL	I	Lch Low Level Voltage Reference Input Pin
41	VREFHL	I	Lch High Level Voltage Reference Input Pin
42	VREFHL	I	Lch High Level Voltage Reference Input Pin
43	NC	-	No internal bonding. Connect to GND.
44	AVDD	-	Analog Power Supply Pin, 3.0 ~ 3.6V
45	AVSS	-	Ground Pin
46	MCLK	I	Master Clock Input Pin
47	DVSS	-	Ground Pin
48	DVDD	-	Digital Power Supply Pin, 3.0 ~ 3.6V

Note: All input pins except internal pull-up/down pins must not be left floating.

AK4490EQ FUNCTIONAL BLOCK DIAGRAM



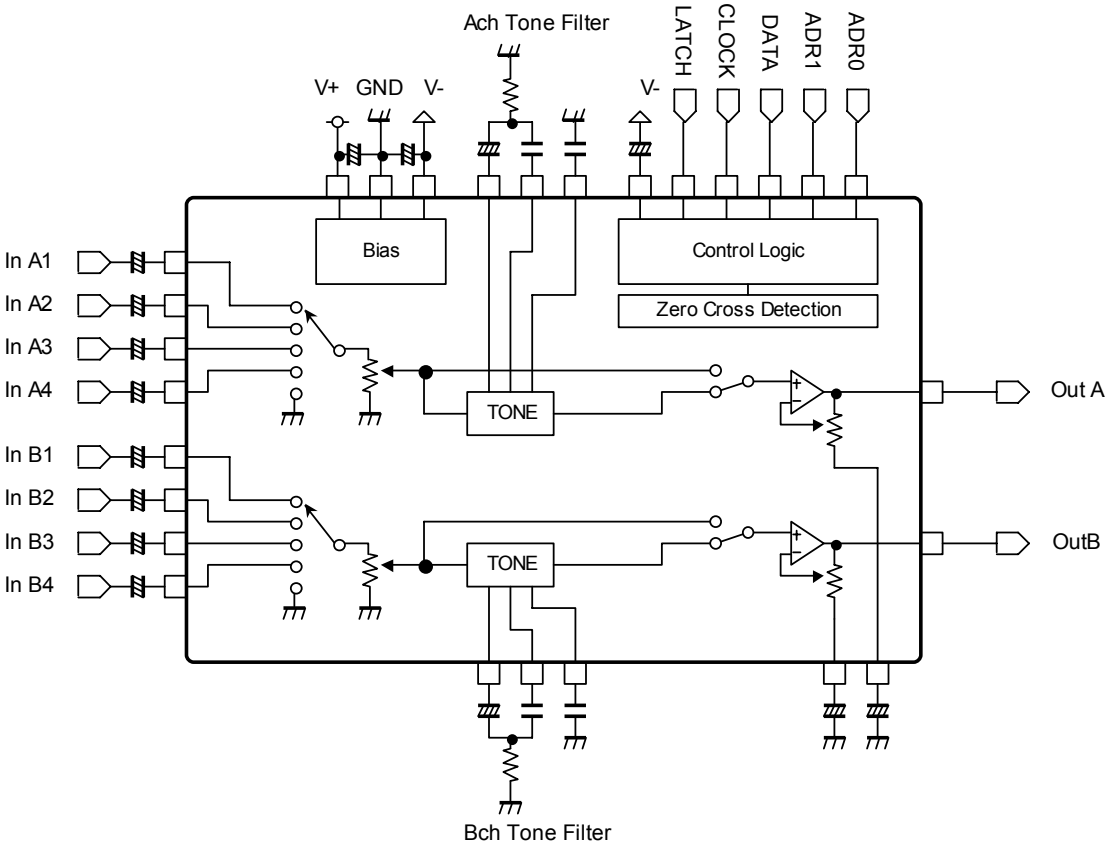
R2A15220FP (INPUT : U3201, U3202)



R2A15220FP Pin Function

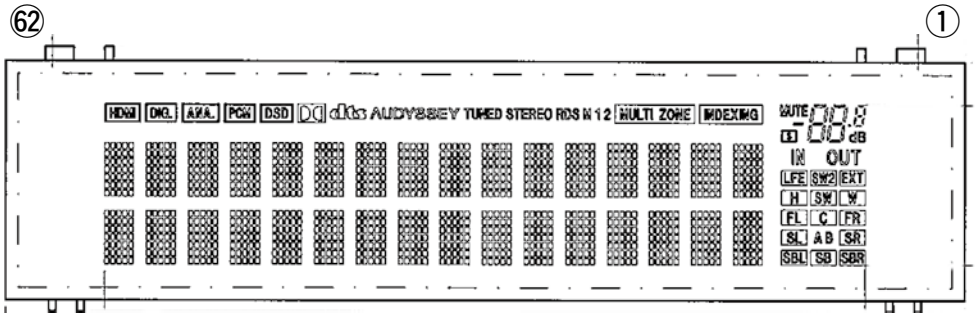
PIN No.	Name	Function
22,20, 16,14, 10, 8, 2, 100	FROUT,FLOUT, COUT,SWOUT, SROUT, SLOUT, SBROUT,SBLOUT	Output pin of FL/FR/C/SW/SL/SR/SBL/SBR channel
23,19, 11, 7, 3, 99	FR Pre-out,FL Pre-out, SR Pre-out, SL Pre-out, SBR Pre-out,SBL Pre-out	Pre-output pin of FL/FR/SL/SR/SBL/SBR channel
24,18, 17,13, 12, 6, 4, 98	FRC,FLC, CC,SWC, SRC,SLC, SBRC,SBLC	Connects capacitor for reducing click noise of L/R/C/SW/SL/SR/SBL/SBR channel volume
1,5,9,15, 21,55,98	AGND	Analog ground of internal circuit
27,30	TREL, TRER	Frequency characteristic setting pin of L/R channel tone control (Treble)
25,26, 28,29	BASSL1,BASSL2 BASSR1,BASSR2	Frequency characteristic setting pin of L/R channel tone control (Bass)
31	AVCC	Positive power supply to internal circuit
43,42, 41,40, 39,38, 37,36	FRIN2, FLIN2, SRN2,SLIN2, SWIN2,CIN2, SBRIN2,SBLIN2	Multi Input pin of L/R/C/SW/SL/SR/SBL/SBR channel (Multi IN 1/2)
90,91, 92,93, 94,95, 96,97	FLIN1, FRIN1, CIN1,SWIN1, SLIN1,SRIN1, SBLIN1,SBRIN1	
48	DGND	Digital ground of internal circuit
49	DATA	Input pin of control data
50	CLOCK	Input pin of control clock
52	AVEE	Negative power supply to internal circuit
57,59,61,63, 65,67,69,71, 75,83,85,87	INL1,INL2, INL3,INL4, INL5,INL6,INL7,INL8, INL9,INL12,INL13,INL14	Input pin of L/R channel (Input Selector)
56,58,60,62, 64,6668,70, 74,82,84,86	INR1,INR2, INR3,INR4, INR5,INR6,INR7,INR8, INR9,INR12,INR13,INR14	
51	MUTE	Outside Mute Control PIN
44,45 34,35	SBRCIN,SBLCIN SRCIN,SLCIN	3rd Multi Input pin for SBL/SBR/SL/SR channel Volume that is able to swap SBR/SBL with SR/SL
46,47 33,32	SUBL1,SUBR1 SUBL2,SUBR2	Output pin for L/R channel SUB1/SUB2 Output
53,54	ADCL, ADCR	Output pin for L/R channel ADC
88,89	RECR3,RECL3	Output pin for L/R channel REC Output
72,73, 76,77, 78,79 80,81	INRA/RECR1,INLA/RECL1, INRB/RECR2,INLB/RECL2, INR10/RECR4,INL10/RECL4, INR11/RECR5,INL11/RECL5	Input pin of L/R channel (Input Selector)/ Output pin for L/R channel REC Output

NJW1194A (INPUT : U3203, U3204)



2. FL DISPLAY

FLD(17-BT-40GINK) (SPK/SMPS : Z1003)



PIN CONNECTION

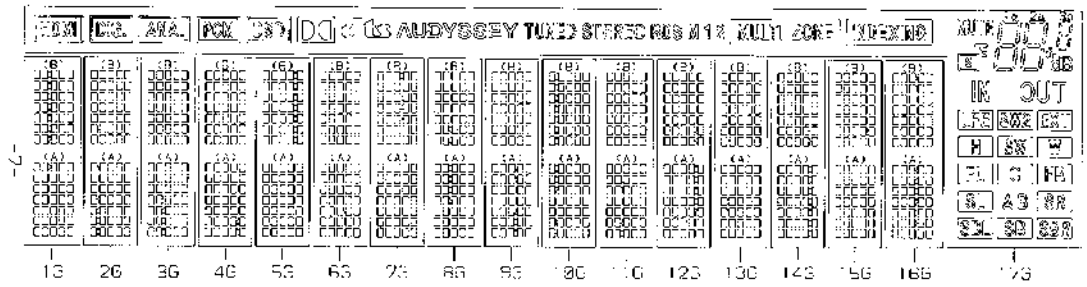
PIN CONNECTION

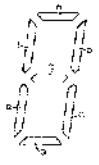
PIN NO.	62	61	60	59	58	57	56	55	54	53	52	51
CONNECTION	F2	NX	NP	NP	LGND	PGND	VH	VDD	OSC	RESET	CS	CP

PIN NO.	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
CONNECTION	DA	TSA	TSB	Q17G	17G	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NP	NP	NX	F1

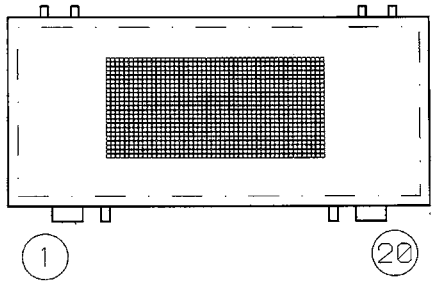
NOTE
1) F1,F2 --- Filament
2) NP ------ No pin
3) DL ------ Datum Line
4) NX ------ No extend pin
5) 17G ----- Grid
6) Q17G ---- Driver Output Port
7) LGND ---- Logic GND pin
8) PGND ---- Power GND pin
9) VH ------ High Voltage Supply pin
10) VDD ----- Logic Voltage Supply pin
11) OSC ----- Pin for self-oscillation
12) RESET --- Reset Input
13) CS ------ Chip Select Input pin
14) CP ------ Shift Register Clock
15) DA ------ Serial Data Input
16) TSA,B --- Test pin
17) Solder composition is Sn-3Ag-0.5Cu.
18) Field of vision is a minimum of 17.6° from the lower side.

GRID ASSIGNMENT





FLD (GP1261AI) (FRONT : Z1002)



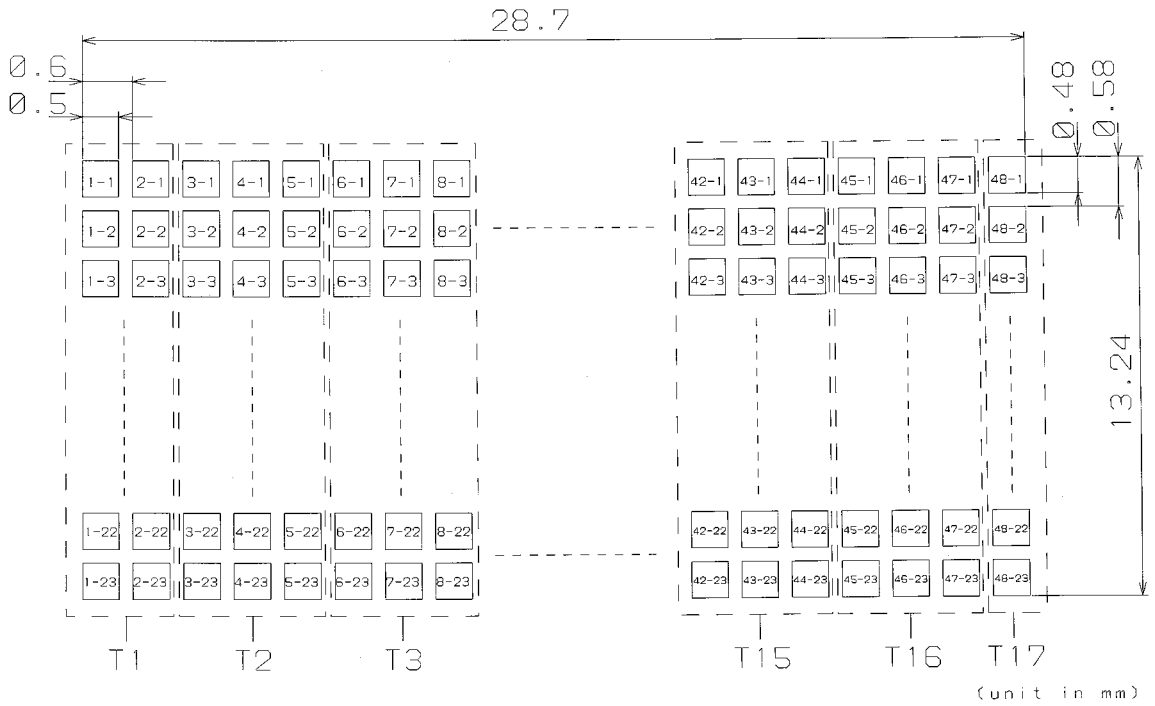
PIN CONNECTION

PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CONNECTION	F-	NP	NC	NC	NC	NC	TEST	INT	RESET	DIO	CLK	CS	OSC	VH	NC	NC	PGND	LGND	VDD	F+

NOTE

1) F-,F+ --- Filament
2) NP ------ No pin
3) DL ------ Datum Line
4) VDD ----- Logic Voltage Supply pin
5) LGND ---- Logic GND pin
6) PGND ---- Power GND pin
7) VH ------ High Voltage Supply pin
8) OSC ----- Pin for self-oscillation
9) CS ------ Chip Select Input pin
10) CLK ----- Shift Register Clock
11) DIO ------ Serial Data Input
12) RESET --- Reset Input
13) INT ---- Int pin
14) TEST --- Test pin
15) Solder composition is Sn-3Ag-0.5Cu.
16) NC ------ No connection
(NC pin should be electrically open on the PC board)

PATTERN DETAIL



COLOR OF ILLUMINATION

Green (G. x=0.24,y=0.41) - - - - - All graphics.

ANODE CONNECTION

	1G~16G	17G
D0A	1-1A	-
D1A	2-1A	-
D2A	3-1A	-
D3A	4-1A	-
D4A	5-1A	-
D5A	1-2A	-
D6A	2-2A	-
D7A	3-2A	-
D8A	4-2A	-
D9A	5-2A	-
D10A	1-3A	dB
D11A	2-3A	Dp
D12A	3-3A	3d
D13A	4-3A	3e
D14A	5-3A	3c
D15A	1-4A	3g
D16A	2-4A	3f
D17A	3-4A	3b
D18A	4-4A	3a
D19A	5-4A	2d
D20A	1-5A	2e
D21A	2-5A	2c
D22A	3-5A	2g
D23A	4-5A	2f
D24A	5-5A	2b
D25A	1-6A	2a
D26A	2-6A	1d
D27A	3-6A	1e
D28A	4-6A	1c
D29A	5-6A	1g
D30A	1-7A	1f
D31A	2-7A	1b
D32A	3-7A	1a
D33A	4-7A	S1
D34A	5-7A	S

	1G~16G	17G
D0B	1-1B	HDMI
D1B	2-1B	DIG.
D2B	3-1B	ANA.
D3B	4-1B	PCM
D4B	5-1B	DSD
D5B	1-2B	DD
D6B	2-2B	dts
D7B	3-2B	AUDYSSEY
D8B	4-2B	TUNED
D9B	5-2B	STEREO
D10B	1-3B	RDS
D11B	2-3B	M
D12B	3-3B	1
D13B	4-3B	2
D14B	5-3B	MULTI ZONE
D15B	1-4B	INDEXING
D16B	2-4B	MUTE
D17B	3-4B	IN
D18B	4-4B	OUT
D19B	5-4B	LFE
D20B	1-5B	SW2
D21B	2-5B	EXT
D22B	3-5B	H
D23B	4-5B	SW
D24B	5-5B	W
D25B	1-6B	FL
D26B	2-6B	C
D27B	3-6B	FR
D28B	4-6B	SL
D29B	5-6B	A
D30B	1-7B	B
D31B	2-7B	SR
D32B	3-7B	SBL
D33B	4-7B	SB
D34B	5-7B	SBR

FRONT PCB ASS'Y

※Parts indicated by "nsp"on this table cannot be supplied.

※The parts listed below are only for maintenance. Therefore they might differ from the parts used in the unit in appearances or dimensions

NOTE:The symbols in the column Remarks indicate the following destinations.

U : North America model N : Europe model K : China model F : Japan model

B : Black model SG : Silver Gold model

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	SEMICONDUCTORS GROUP							
	D1001	26301020310AS	WEJ3290W-R2H0-BA(GREEN/RED LED)		26301020310AS	1	*	
	D1002,1003	20305002730AS	1N4003(HOMI)		20305002730AS	2		
	D1004	00D2760798948	UDZS8.2B-TE17		00D2760798948	1		
	D1016	00D2760848908	UDZS22B-TE17		00D2760848908	1		
	D1017	00D2760798935	UDZS20B-TE17		00D2760798935	1		
	D1026	00D2760683930	UDZS5.1B-TE17 +C		00D2760683930	1		
	D1027,1028	263010046507S	BL-BUF4V5K-1-AV-FP3.5-TBF19.5C		263010046507S	2		
	D1029,1030	263010047500S	TOL-52CSBBCEA-B2		263010047500S	2		
	D1031,1032	00D2760683930	UDZS5.1B-TE17 +C		00D2760683930	2		
	D1033,1034	263010047500S	TOL-52CSBBCEA-B2		263010047500S	2		
	D1040-1042	20305002730AS	1N4003(HOMI)		20305002730AS	3		
	Q1001	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q1004	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q1005	21385001950AS	2SC5810		21385001950AS	1		
	Q1006	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q1008	00D2730464901	KTC3875S-GR-RTK/P		00D2730464901	1		
	Q1011	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q1012	00D2710316901	KTA1042D-Y-RTF/P		00D2710316901	1		
	Q1014-1016	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	3		
	Q1017	00D2690184907	KRA102S-RTK/P (10K-10K)		00D2690184907	1		
	Q1018	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	U1002	23181012550AS	NJM2887DL3-TE2		23181012550AS	1		
	U1004	262010007707S	R94EV1A		262010007707S	1		
	U1006,1007	23281004250AS	NJM8068G-TE2		23281004250AS	2		
	U3902	23281004250AS	NJM8068G-TE2		23281004250AS	1		
	RESISTOR GROUP							
	R1003	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		
	R1006	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		
	R1007	nsp	RM73B--102JT +1608		00D2472007943	1		
	R1008	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		
	R1009,1010	nsp	RM73B--221JT +1608		00D2472005987	2		
	R1011	nsp	RM73B--102JT +1608		00D2472007943	1		
	R1012	nsp	RM73B--473JT +1608		00D2472011942	1		
	R1013	nsp	RM73B--102JT +1608		00D2472007943	1		
	R1014	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		
	R1015	nsp	RM73B--010KT +1608		00D2472018916	1		
	R1016	nsp	RM73B--101JT +1608		00D2472005903	1		
	R1017	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		
	R1018	nsp	RM73B--010KT +1608		00D2472018916	1		
	R1019	nsp	RM73B--2R2KT +1608		00D2472001907	1		
	R1020	nsp	RM73B--101JT +1608		00D2472005903	1		
	R1022	nsp	RM73B--104JT +1608		00D2472012925	1		
	R1023	nsp	RM73B--154JT +1608		00D2472012967	1		
	R1024	nsp	RM73B--623JT +1608		00D2472011971	1		
	R1025	nsp	RM73B--473JT +1608		00D2472011942	1		
	R1027	nsp	RM73B--101JT +1608		00D2472005903	1		
	R1034	nsp	RM73B--393JT +1608		00D2472011926	1		
	R1037	nsp	RM73B--104JT +1608		00D2472012925	1		
	R1038	nsp	RM73B--101JT +1608		00D2472005903	1		
	R1039-1042	nsp	RM73B--100JT +1608		00D2472002964	4		
	R1044	nsp	RM73B--104JT +1608		00D2472012925	1		
	R1046	nsp	RM73B--124JT +1608		00D2472012941	1		
	R1047	nsp	RM73B--243JT +1608		00D2472010972	1		
	R1048	nsp	RM73B--222JT +1608		00D2472008926	1		
	R1049-1051	nsp	RM73B--820JT +1608		00D2472004988	3		
	R1052	nsp	RM73B--104JT +1608		00D2472012925	1		
	R1054	nsp	RM73B--101JT +1608		00D2472005903	1		
	R1055	nsp	RM73B--103JT +1608		00D2472009983	1		
	R1056	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R1057	nsp	RM73B--102JT +1608		00D2472007943	1		
	R1058-1060	nsp	RM73B--0R0KT +1608		00D2472018903	3		
	R1063	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R1064	nsp	RM73B--561JT +1608		00D2472006986	1		
	R1065	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R1066-1068	nsp	RM73B--101JT +1608		00D2472005903	3		
	R1069	nsp	RM73B--122JT +1608		00D2472007969	1		
	R1070	nsp	RM73B--102JT +1608		00D2472007943	1		
	R1072	nsp	RM73B--333JT +1608		00D2472011900	1		
	R1076	nsp	RM73B--101JT +1608		00D2472005903	1		
	R1077	nsp	RM73B--122JT +1608		00D2472007969	1		
	R1079-1081	nsp	RM73B--271JT +1608		00D2472006915	3		
	R1082	nsp	RM73B--473JT +1608		00D2472011942	1		
	R1083	nsp	RM73B--151JT +1608		00D2472005945	1		
	R1084,1085	nsp	RM73B--221JT +1608		00D2472005987	2		
	R1086	nsp	RM73B--103JT +1608		00D2472009983	1		
	R1087	nsp	RM73B--151JT +1608		00D2472005945	1		
	R1088,1089	nsp	RM73B--331JT (1608) +1608		00D2472006902	2		
	R1090	nsp	RM73B--103JT +1608		00D2472009983	1		
	R1097,1098	nsp	RM73B--561JT +1608		00D2472006986	2		
	R1099,1100	nsp	RM73B--103JT +1608		00D2472009983	2		
	R1101	nsp	RM73B--151JT +1608		00D2472005945	1		
	R1102,1103	nsp	RM73B--101JT +1608		00D2472005903	2		
	R1104	nsp	RM73B--151JT +1608		00D2472005945	1		
	R1105	nsp	RM73B--221JT +1608		00D2472005987	1		
	R1106	nsp	RM73B--561JT +1608		00D2472006986	1		
	R1108	nsp	RM73B--331JT (1608) +1608		00D2472006902	1		
	R1109	nsp	RM73B--821JT +1608		00D2472007927	1		
	R1110,1111	nsp	RM73B--563JT +1608		00D2472011968	2		
	R1112,1113	nsp	RM73B--474JT +1608		00D2472013982	2		
	R1114,1115	nsp	RM73B--471JT +1608		00D2472006960	2		
	R1116	nsp	RM73B--101JT +1608		00D2472005903	1		
	R1119-1122	nsp	RM73B--472JT (1608) +1608		00D2472009909	4		
	R1125	nsp	RM73B--391JT +1608		00D2472006944	1		
	R1126	nsp	RM73B--301JT +1608		00D2472006928	1		
	R1134,1135	nsp	RM73B--103JT +1608		00D2472009983	2		
	R1141	nsp	RM73B--473JT +1608		00D2472011942	1		
	R3902,3903	nsp	RM73B--0R0KT +1608		00D2472018903	2		
	R3904,3905	nsp	RM73B--391JT +1608		00D2472006944	2		
	R3906,3907	nsp	RM73B--683JT +1608		00D2472011984	2		
	R3908,3909	nsp	RM73B--154JT +1608		00D2472012967	2		
	R3912,3913	nsp	RM73B--271JT +1608		00D2472006915	2		
	R3917,3918	nsp	RM73B--470JT +1608		00D2472004920	2		
	R3922,3923	nsp	RM73B--154JT +1608		00D2472012967	2		
	R3924,3925	nsp	RM73B--123JT +1608		00D2472010901	2		
	R3926,3927	nsp	RM73B--470JT +1608		00D2472004920	2		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R3930,3931	nsp	RM73B--474JT +1608		00D2472013982	2		
	CAPACIITORS GROUP							
	C1001	nsp	C1608X7R1H104K		00MDK9610430Y	1		
	C1003-1005	nsp	C1608X7R1H104K		00MDK9610430Y	3		
	C1006	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	1		
	C1007	13405014940AS	CE04W1J101MT(KR3)		13405014940AS	1		
	C1008	nsp	C1608X7R1H104K		00MDK9610430Y	1		
	C1011,1012	nsp	C1608X7R1H104K		00MDK9610430Y	2		
	C1014-1016	nsp	C1608X7R1H104K		00MDK9610430Y	3		
	C1018	nsp	CC73CH1H102JT +1608		00D2570508988	1		
	C1020	nsp	C1608X7R1H104K		00MDK9610430Y	1		
	C1022	nsp	C1608X7R1H104K		00MDK9610430Y	1		
	C1024	13405014940AS	CE04W1J101MT(KR3)		13405014940AS	1		
	C1025,1026	nsp	CK73B1H222KT +1608		00D2570509990	2		
	C1027	nsp	C1608X7R1H104K		00MDK9610430Y	1		
	C1028	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	1		
	C1029,1030	nsp	C1608X7R1H104K		00MDK9610430Y	2		
	C1031	nsp	CC73CH1H102JT +1608		00D2570508988	1		
	C1033	nsp	C1608X7R1H104K		00MDK9610430Y	1		
	C1034	nsp	CC73CH1H102JT +1608		00D2570508988	1		
	C1038	nsp	CC73CH1H101JT +1608		00D2570506951	1		
	C1040	nsp	CC73CH1H101JT +1608		00D2570506951	1		
	C1042	nsp	CC73CH1H101JT +1608		00D2570506951	1		
	C1043	nsp	C1608X7R1H104K		00MDK9610430Y	1		
	C1046,1047	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	2		
	C1048,1049	nsp	C1608X7R1H104K		00MDK9610430Y	2		
	C1050	nsp	CC73CH1H101JT +1608		00D2570506951	1		
	C1051,1052	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	2		
	C1053	nsp	CC73CH1H102JT +1608		00D2570508988	1		
	C1055	nsp	CC73CH1H330JT +1608		00D2570504940	1		
	C1056	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	1		
	C1058	nsp	CC73CH1H102JT +1608		00D2570508988	1		
	C1059,1060	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	2		
	C1061	nsp	CC73CH1H102JT +1608		00D2570508988	1		
	C1064,1065	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	2		
	C1066	13405012940AS	CE04W1C101MT(KR3)		13405012940AS	1		
	C1067,1068	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	2		
	C1069,1070	nsp	CC73CH1H331JT +1608		00D2570507976	2		
	C1072	nsp	C1608X7R1H104K		00MDK9610430Y	1		
	C1073	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	1		
	C1075-1078	nsp	C1608X7R1H104K		00MDK9610430Y	4		
	C1080,1081	nsp	C1608X7R1H104K		00MDK9610430Y	2		
	C1086,1087	nsp	C1608X7R1H104K		00MDK9610430Y	2		
	C1090,1091	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	2		
	C1096	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	1		
	C1098	nsp	CC73CH1H102JT +1608		00D2570508988	1		
	C1099-1101	nsp	CC73CH1H101JT +1608		00D2570506951	3		
	C1102	nsp	C1608X7R1H104K		00MDK9610430Y	1		
	C1108,1109	nsp	CC73CH1H102JT +1608		00D2570508988	2		
	C1110	nsp	C1608X7R1H104K		00MDK9610430Y	1		
	C1112	nsp	C1608X7R1H104K		00MDK9610430Y	1		
	C1120-1122	133050090557S	CQ93P2A104JT(PPF)		133050090557S	3		
	C3901	nsp	CC73CH1H102JT +1608		00D2570508988	1		
	C3907,3908	nsp	CC73CH1H221JT +1608		00D2570507934	2		
	C3914,3915	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	2		
	C3919,3920	13405012440AS	CE04W0J221MT(KR3)		13405012440AS	2		
	C3921,3922	nsp	CC73CH1H101JT +1608		00D2570506951	2		
	C3923,3924	nsp	CK73B1E223KT +1608		00D2570516909	2		
	C3925,3926	nsp	CK73B1H682KT +1608		00D2570510950	2		
	C3927,3928	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	2		
	C3931,3932	13405013240AS	CE04W1E470MT(KR3)		13405013240AS	2		
	OTHER PARTS GROUP							
	B0904-0906	nsp	GND TERMINAL FOR PCB		00MYL01010241	3		
	B1002	nsp	SRA21T3-SOLD AWG20 UL1015		00MYB00091620	1		
	B3901	nsp	M3 SCREW TERMINAL		00D2051034007	1		
!	F1001	65205003540AS	FUSE(SCT250MA)		65205003540AS	1		
	K1001	643010087005S	H/P JACK(PJ-612A)-NI-BK		643010087005S	1		
	K1002	643010088008S	MINI JACK(PJ-310HA-7)-NI		643010088008S	1		
	K1003	64301019700AS	3P PIN JACK(RCA-328H)-NI-BK		64301019700AS	1		
	K3901	64301000710AS	2PIN PIN JACK(RCA-206BG-00-05)-AU-RD/WH		64301000710AS	1		
	N0101	nsp	B14B-PH-K-S (LF)(SN)		00MYJ06006340	1		
	N0102	nsp	B9B-PH-K-S (LF)(SN)		00MYJ06006290	1		
	N0103	nsp	B12B-PH-K-S (LF)(SN)		00MYJ06006320	1		
	N0104	nsp	B11B-PH-K-S (LF)(SN)		00MYJ06006310	1		
	N0105	nsp	B15B-PH-K-S (LF)(SN)		00MYJ06006350	1		
	N0106-0118	nsp	9P PLUG(C125Z1)		645010067014S	13		
	N0119	nsp	B3B-EH 3P		00MYP06003830	1		
	N0120	nsp	B16B-PH-K-S (LF)(SN)		00MYJ06006360	1		
	N0121	nsp	B10B-PH-K-S (LF)(SN)		00MYJ06006300	1		
	N1001	nsp	S7B-EH		00MYP06003960	1		
	N1002	nsp	B7B-PH-K-S (LF)(SN)		00MYJ06006270	1		
	N1006	nsp	B5B-PH-K-S (LF)(SN)		00MYJ06006250	1		
	N1009	nsp	S5B-PH-K-S (LF)(SN)		00MYJ06006450	1		
	N1012	nsp	40FMN-BTRK-A(LF)(SN)		645010077004S	1		
	N1013	nsp	S3B-PH-K-S (LF)(SN)		00MYJ06006430	1		
	N1015	nsp	B3B-PH-K-S (LF)(SN)		00MYJ06006230	1		
	N3902	nsp	7P SOCKET(C125Z2)		645010068000S	1		
	S1001-1023	00D2125611903	TACT SWITCH(TAPE H5)		00D2125611903	23		
	S1024	665010017006S	PUSH SW(SSCT101)		665010017006S	1		
	S1026	663010005007S	ROT.ENCODER(EC16B24S0-ZZZ)		663010005007S	1		
	S1027	663010006000S	ROT.ENCODER(EC16B24T01D4ZZZ)		663010006000S	1		
	Z1002	172010008005S	VFD(GP1261AI)		172010008005S	1		
	Z1003	17201001300AS	FLD(17-BT-40GINK)		17201001300AS	1		
	Z1006	nsp	BUFFER		47151003801AM	1		
	Z9001	nsp	HOLDER FLD SR7005 A332		4543100410O8M	1		
	Z9002,9003	nsp	RUBBER SHEET		00D4610991042	2		

SMPS XLR PCB ASS'Y

※Parts indicated by "nsp"on this table cannot be supplied.

※The parts listed below are only for maintenance. Therefore they might differ from the parts used in the unit in appearances or dimensions

NOTE:The symbols in the column Remarks indicate the following destinations.

U : North America model N : Europe model K : China model F : Japan model

B : Black model SG : Silver Gold model

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	SEMICONDUCTORS GROUP							
	D0201,0202	20305003100AS	D15XBN20		20305003100AS	2		
	D0203,0204	00D2760683972	UDZS13B-TE17 +C		00D2760683972	2		
	D0205,0206	00D2760798948	UDZS8.2B-TE17		00D2760798948	2		
	D0501	00D2760794900	KDS160-RTK/P		00D2760794900	1		
	D3001-3021	00D2760794900	KDS160-RTK/P		00D2760794900	21		
	D6201-6215	20305002730AS	1N4003(HOMI)		20305002730AS	15		
	D6224,6225	20305002730AS	1N4003(HOMI)		20305002730AS	2		
	D6230,6231	00D2760750902	RB521S-30TE61 +REF		00D2760750902	2		
	D6232,6233	20305002730AS	1N4003(HOMI)		20305002730AS	2		
	D6236	00D2760750902	RB521S-30TE61 +REF		00D2760750902	1		
	D6239	00D2760750902	RB521S-30TE61 +REF		00D2760750902	1		
	D6501,6502	20305003950AS	1N4007-T(DIODES)		20305003950AS	2		
	D6503	203010001007S	D3SB60		203010001007S	1		
	D6507	00D2760683901	UDZS5.6B-TE17 +C	U	00D2760683901	1		
	D6507	00D2760683972	UDZS13B-TE17	N, K	00D2760683972	1		
	D6507	00D2760683930	UDZS5.1B-TE17	F	00D2760683930	1		
	D6509	20305002730AS	1N4003(HOMI)		20305002730AS	1		
	D6510	20205010250AS	UDZSTE-1730B		20205010250AS	1		
	D6511	20205004900AS	ZENER DIODE 39V_ZJ39B 1/2W		20205004900AS	1		
	D6512	20205004710AS	P6KE150A(PANJIT)		20205004710AS	1		
	D6513	20305003950AS	1N4007-T(DIODES)		20305003950AS	1		
	D6514	20305002730AS	1N4003(HOMI)		20305002730AS	1		
	D6515	20305004200AS	KCQ60A06		20305004200AS	1		
	D6517	00D2760794900	KDS160-RTK/P		00D2760794900	1		
	D6520	20205010130AS	P6KE6.8A(PANJIT)		20205010130AS	1		
	D6522	20305003950AS	1N4007-T(DIODES)		20305003950AS	1		
	D6524	23181020150AS	KIA2431AS-RTK/P		23181020150AS	1		
	D6525	20205004900AS	ZENER DIODE 39V_ZJ39B 1/2W		20205004900AS	1		
	D6526	20305002730AS	1N4003(HOMI)		20305002730AS	1		
	Q0201	00D2730464901	KTC3875S-GR-RTK/P		00D2730464901	1		
	Q0202	00D2710312905	KTA1504S-GR-RTK/P		00D2710312905	1		
	Q0203	00D2740198005	KTD998-O-U/P		00D2740198005	1		
	Q0204	00D2720158007	KTB778-O-U/P		00D2720158007	1		
	Q0205	00D2730464901	KTC3875S-GR-RTK/P		00D2730464901	1		
	Q0206	00D2710312905	KTA1504S-GR-RTK/P		00D2710312905	1		
	Q0207	00D2740198005	KTD998-O-U/P		00D2740198005	1		
	Q0208	00D2720158007	KTB778-O-U/P		00D2720158007	1		
	Q0501	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q0502	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3001,3002	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	2		
	Q3003-3005	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	3		
	Q3006-3008	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	3		
	Q3009,3010	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	2		
	Q3011,3012	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	2		
	Q3013-3015	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	3		
	Q3016-3018	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	3		
	Q3019,3020	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	2		
	Q3021,3022	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	2		
	Q3023-3025	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	3		
	Q3026-3028	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	3		
	Q3029,3030	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	2		
	Q3031,3032	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	2		
	Q3033-3035	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	3		
	Q3036-3038	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	3		
	Q3039,3040	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	2		
	Q3041	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3042	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q6501	22985001450AS	RK7002B		22985001450AS	1		
	Q6502	00D2730476902	KTC3876S-Y-RTK +2125		00D2730476902	1		
	U0503	00D2630995004	NJM4556AD +T		00D2630995004	1		
	U6201	00D2630801004	NJM7812FA(S)		00D2630801004	1		
	U6202	00D2630809006	NJM7805FA(S)		00D2630809006	1		
	U6203	00D2631048002	BA033T		00D2631048002	1		
	U6204	00D2630554005	NJM7905FA		00D2630554005	1		
!	U6501,6502	00D2623047008	PC123Y22		00D2623047008	2		
!	U6503	23901012400AS	TOP267EG		23901012400AS	1		
	RESISTOR GROUP							
	R0202,0203	nsp	RM73B--102JT +1608		00D2472007943	2		
	R0206,0207	nsp	RM73B--102JT +1608		00D2472007943	2		
	R0209-0212	nsp	RM73B--102JT +1608		00D2472007943	4		
	R0301-0312	nsp	RM73B--101JT +1608		00D2472005903	12		
	R0313-0324	nsp	RM73B--474JT +1608		00D2472013982	12		
	R0325-0336	nsp	RM73B--0R0KT +1608		00D2472018903	12		
	R0337-0350	nsp	RM73B--101JT +1608		00D2472005903	14		
	R0351-0364	nsp	RM73B--474JT +1608		00D2472013982	14		
	R0365-0378	nsp	RM73B--0R0KT +1608		00D2472018903	14		
	R0379,0380	nsp	RM73B--101JT +1608		00D2472005903	2		
	R0381,0382	nsp	RM73B--474JT +1608		00D2472013982	2		
	R0383,0384	nsp	RM73B--0R0KT +1608		00D2472018903	2		
	R0385,0386	nsp	RM73B--101JT +1608		00D2472005903	2		
	R0387,0388	nsp	RM73B--474JT +1608		00D2472013982	2		
	R0389,0390	nsp	RM73B--0R0KT +1608		00D2472018903	2		
	R0501-0504	nsp	RM73B--222JT +1608		00D2472008926	4		
	R0505-0508	nsp	RM73B--472JT (1608) +1608		00D2472009909	4		
	R0509-0514	nsp	RM73B--101JT +1608		00D2472005903	6		
	R0515,0516	nsp	RM73B--222JT +1608		00D2472008926	2		
	R0517,0518	nsp	RM73B--102JT +1608		00D2472007943	2		
	R0519	nsp	RM73B--121JT +1608		00D2472005929	1		
	R0520	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		
	R0521-0524	nsp	RM73B--224JT +1608		00D2472013908	4		
	R0525-0528	nsp	RM73B--472JT (1608) +1608		00D2472009909	4		
	R3001-3026	nsp	RM73B--104JT +1608		00D2472012925	26		
	R3027-3047	nsp	RM73B--100JT +1608		00D2472002964	21		
	R6202	nsp	RM73B--473JT +1608		00D2472011942	1		
	R6209,6210	nsp	RM73B--473JT +1608		00D2472011942	2		
	R6501-6503	nsp	RD14B2E225JT(5)		00D2412405990	3		
	R6504-6506	nsp	RD14B2E105JT(5)		00D2412405974	3		
	R6507	nsp	RD14B2E334JT(5)		00D2412404959	1		
	R6508	nsp	RM73B--105JT +1608		00D2472014965	1		
	R6509	nsp	RM73B--392JT +1608	U, F	00D2472008984	1		
	R6509	nsp	RM73B--622JT +1608	N, K	00D2472009938	1		
	R6510	nsp	RM73B--822JT +1608		00D2472009967	1		
	R6511,6512	nsp	RD14B2E225JT(5)	U, F	00D2412405990	2		
	R6514	nsp	RM73B--563JT +1608		00D2472011968	1		
	R6515	00D2442051961	RS14B3A101JNBST(S)		00D2442051961	1		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R6516	nsp	RD14B2E6R8JT(5)		00D2412393947	1		
	R6517	nsp	RM73B--560JT +1608		00D2472004946	1		
	R6519	nsp	RM73B--103JT +1608		00D2472009983	1		
	R6520	nsp	RM73B--152JT +1608		00D2472007985	1		
	R6521	00D2442050904	RS14B3A220JNBST(S)		00D2442050904	1		
	R6522	nsp	RM73B--560JT +1608		00D2472004946	1		
	R6523	nsp	RM73B--682JT +1608		00D2472009941	1		
	R6524	nsp	RM73B--562JT +1608		00D2472009925	1		
	R6525	nsp	RM73B--223DT(1608)		00D2472036927	1		
	R6526	nsp	RM73B--105JT +1608		00D2472014965	1		
	R6527	nsp	RM73B--682DT(1608)		00D2472041967	1		
	R6528	nsp	RM73B--470JT +1608		00D2472004920	1		
	R6532	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R6533	00D2442051974	RS14B3A102JNBST(S)		00D2442051974	1		
	R6536	nsp	RM73B--682JT +1608		00D2472009941	1		
	R6537	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	CAPACIITORS GROUP							
	C0201,0202	133050090557S	CQ93P2A104JT(PPF)		133050090557S	2		
	C0205,0206	13405040500AS	CE68W1V103M(LKG1V103MESEZT)		13405040500AS	2		
	C0209,0210	13405040500AS	CE68W1V103M(LKG1V103MESEZT)		13405040500AS	2		
	C0215,0216	00MOA477025R6	ROA-25V 471M -I6#PE - S13 (470UF 25V)		00MOA477025R6	2		
	C0221,0222	00MOA477025R6	ROA-25V 471M -I6#PE - S13 (470UF 25V)		00MOA477025R6	2		
	C0225,0226	00MOF55102581	1000PF 100V FNS		00MOF55102581	2		
	C0227,0228	00MOA477025R6	ROA-25V 471M -I6#PE - S13 (470UF 25V)		00MOA477025R6	2		
	C0235,0236	00MOA477025R6	ROA-25V 471M -I6#PE - S13 (470UF 25V)		00MOA477025R6	2		
	C0241,0242	00MOF55102581	1000PF 100V FNS		00MOF55102581	2		
	C0253,0254	00MBF68400016	! 0.68UF/4.7OHM		00MBF68400016	2		
	C0255	133050090557S	CQ93P2A104JT(PPF)		133050090557S	1		
	C0301-0312	nsp	CC73CH1H221JT +1608		00D2570507934	12		
	C0314	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0316	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0318	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0320	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0322	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0324	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0325-0338	nsp	CC73CH1H221JT +1608		00D2570507934	14		
	C0340	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0342	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0344	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0346	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0348	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0350	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0352	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0353,0354	nsp	CC73CH1H221JT +1608		00D2570507934	2		
	C0355	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0357,0358	nsp	CC73CH1H221JT +1608		00D2570507934	2		
	C0359	nsp	CC73CH1H272JT +1608		00D2570505949	1		
	C0501,0502	00D2544573981	CE04W1H100MT(RA3)		00D2544573981	2		
	C0503	nsp	CC73CH1H221JT +1608		00D2570507934	1		
	C0504,0505	00D2544577945	CE04W1C101MT(RA3)		00D2544577945	2		
	C0506	nsp	CC73CH1H221JT +1608		00D2570507934	1		
	C0507,0508	00D2544573981	CE04W1H100MT(RA3)		00D2544573981	2		
	C0509,0510	nsp	CK73B1E104KT +1608		00D2570516954	2		
	C6201,6202	133050083511S	CQ93M2A104JT(PEF)		133050083511S	2		
	C6203,6204	13405025220AS	CE04D1C222MBPC(KRB)		13405025220AS	2		
	C6205	133050090557S	CQ93P2A104JT(PPF)		133050090557S	1		
	C6207	13405013540AS	CE04W1V102MT(KR3)		13405013540AS	1		
	C6209	00D2544761735	CE04W1C472MC(SMQ)		00D2544761735	1		
	C6210	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	1		
	C6211	13405013540AS	CE04W1V102MT(KR3)		13405013540AS	1		
	C6213	13405018320AS	CE04W1C472MC(KR3)		13405018320AS	1		
	C6214	13405018220AS	CE04W1C222MC(KR3)		13405018220AS	1		
	C6221,6222	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	2		
	C6227,6228	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	2		
	C6235,6236	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	2		
!	C6501,6502	00D2538032700	CK452EAC102MC(KX)		00D2538032700	2		
!	C6503	00D2538022707	CK45F2EAC103MC		00D2538022707	1		
!	C6504,6505	13305016720AS	MPXLC104K27515		13305016720AS	2		
	C6506	13405028320AS	CE04W2G151MC(CXW)		13405028320AS	1		
	C6509	nsp	CK73B1E473KT +1608	N, K	00D2570516941	1		
	C6510	nsp	CK73B1E104KT +1608		00D2570516954	1		
!	C6511,6512	00D2538022707	CK45F2EAC103MC		00D2538022707	2		
	C6515	13405040350AS	CE04W1E470MT(KZH)		13405040350AS	1		
	C6516	nsp	C1608X7R1H104K		00MDK9610430Y	1		
	C6517	13305015021AS	CQ93M3A272J(PHF)		13305015021AS	1		
	C6519	13405040450AS	CE04W1H220MT(KZH)		13405040450AS	1		
!	C6520	00D2538029726	CK45F2EAC332MC(KX)		00D2538029726	1		
	C6524	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C6525-6527	13405028420AS	CE04W0J392MC(ZL)		13405028420AS	3		
	C6528	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C6529	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C6530	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C6532	133050086565S	CQ93M2A222JT(PEF)		133050086565S	1		
	OTHER PARTS GROUP							
	B0201,0202	nsp	GND TERMINAL FOR PCB		00MYL01010241	2		
	B6501	nsp	M3 SCREW TERMINAL(CMD1A834)		44431033900AS	1		
	B6503	nsp	M3 SCREW TERMINAL(CMD1A834)		44431033900AS	1		
	B6504	nsp	GND TERMINAL FOR PCB		00MYL01010241	1		
!	F0050	00D2061096022	FUSE(218)T2AL250V		00D2061096022	1		
!	F0070	65205003443AS	FUSE(SCT2A)		65205003443AS	1		
!	F0201,0202	65205003443AS	FUSE(SCT2A)		65205003443AS	2		
!	F0203,0204	65205003444AS	FUSE(SCT2.5A)		65205003444AS	2		
!	F6201	65205003444AS	FUSE(SCT2.5A)		65205003444AS	1		
!	F6202	65205003443AS	FUSE(SCT2A)		65205003443AS	1		
!	F6206	65205003540AS	FUSE(SCT250MA)		65205003540AS	1		
	H0061,0062	nsp	FUSE CLIP(TAPE)		00D2020040909	2		
	K0320-0334	64301021210AS	XLR CONNECTOR (XLR-21)		64301021210AS	15		
!	L6501	11101005000AS	L.FILTER-12290(SQE24x24)	U, F	11101005000AS	1		
!	L6501	11101010120AS	L.FILTER-07650(SQE24x24)	N, K	11101005000AS	1		
	N0201	nsp	B5P-VH		00MYP06010950	1		
	N0202	nsp	B5B-EH		00MYP06010450	1		
	N0203	nsp	B3B-EH 3P		00MYP06003830	1		
	N0204	nsp	B3B-PH-K-S (LF)(SN)		00MYJ06006230	1		
	N0301	nsp	B15B-PH-K-S (LF)(SN)		00MYJ06006350	1		
	N0302	nsp	B16B-PH-K-S (LF)(SN)		00MYJ06006360	1		
	N0303	nsp	B10B-PH-K-S (LF)(SN)		00MYJ06006300	1		
	N0501	nsp	B3B-PH-K-S (LF)(SN)		00MYJ06006230	1		
	N0503	nsp	33P FFC BASE		00D2050736005	1		
	N6202	nsp	B7B-EH		00MYP06010460	1		
	N6204	nsp	6P 250mm PH-SAN		61205062701AS	1		
	N6501	nsp	CONNECTOR 2P B3P-VH		00MYP04000760	1		
	N6502	nsp	B6B-EH 6P		00MYP06003840	1		
!	S3001-3021	68201004200AS	RELAY(G6J-2P-Y)		68201004200AS	21		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
!	S6501	68201003400AS	RELAY(G5PA-1-M-EDC5VTV-8)		68201003400AS	1		
!	S6502	68201004200AS	RELAY(G6J-2P-Y)		68201004200AS	1		
!	T6501	10201003700AS	SW-TRANS(STR28L-278)		10201003700AS	1		
	Z0302	nsp	STYLE PIN		00D2050452017	1		
	Z0304	nsp	STYLE PIN		00D2050452017	1		
	Z6201-6204	nsp	RADIATOR		00D4170476023	4		
	Z6205-6208	nsp	SCREW		00M51100308U9	4		
!	Z6502	64105002280AS	AC INLET(R-30190)		64105002280AS	1		
	Z6503	nsp	HEATSINK		44741007600AD	1		
	Z6504	nsp	3X8 CPS(SW W) ZNP		0RD4700051009	1		
	Z6505	nsp	CLIP(TRK-24)		44431034100AS	1		

HDAM PCB ASS'Y

※Parts indicated by "nsp"on this table cannot be supplied.

※The parts listed below are only for maintenance. Therefore they might differ from the parts used in the unit in appearances or dimensions

NOTE:The symbols in the column Remarks indicate the following destinations.

U : North America model N : Europe model K : China model F : Japan model

B : Black model SG : Silver Gold model

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	SEMICONDUCTORS GROUP							
	D3804,3805	00D2760683998	UDZS16B-TE17 +C		00D2760683998	2		
	D3806,3807	251310004507S	CG0603MLC-12LE		251310004507S	2		
	D3851,3852	00D2760794900	KDS160-RTK/P		00D2760794900	2		
	D3853	00MHI20002210	SIR-34ST3F		00MHI20002210	1		
	D4001,4002	00D2760794900	KDS160-RTK/P		00D2760794900	26		
	D5001,5002	00D2760794900	KDS160-RTK/P		00D2760794900	26		
	D5559-5561	251310004507S	CG0603MLC-12LE		251310004507S	3		
	Q3801,3802	00D2710260905	2SA1036KT146(S/R) +C		00D2710260905	2		
	Q3803,3804	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	2		
	Q3851	00D2690184907	KRA102S-RTK/P (10K-10K)		00D2690184907	1		
	Q3852	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3853	00D2730464901	KTC3875S-GR-RTK/P		00D2730464901	1		
	Q3854-3856	00D2690184907	KRA102S-RTK/P (10K-10K)		00D2690184907	3		
	Q4001	00D2710312905	KTA1504S-GR-RTK/P		00D2710312905	13		
	Q4002,4003	00D2730464901	KTC3875S-GR-RTK/P		00D2730464901	26		
	Q4004,4005	00D2710312905	KTA1504S-GR-RTK/P		00D2710312905	26		
	Q4006	00D2730464901	KTC3875S-GR-RTK/P		00D2730464901	13		
	Q4007	00D2710312905	KTA1504S-GR-RTK/P		00D2710312905	13		
	Q4008,4009	00D2730464901	KTC3875S-GR-RTK/P		00D2730464901	26		
	Q4010	00D2710312905	KTA1504S-GR-RTK/P		00D2710312905	13		
	Q5001	00D2710312905	KTA1504S-GR-RTK/P		00D2710312905	13		
	Q5002,5003	00D2730464901	KTC3875S-GR-RTK/P		00D2730464901	26		
	Q5004,5005	00D2710312905	KTA1504S-GR-RTK/P		00D2710312905	26		
	Q5006	00D2730464901	KTC3875S-GR-RTK/P		00D2730464901	13		
	Q5007	00D2710312905	KTA1504S-GR-RTK/P		00D2710312905	13		
	Q5008,5009	00D2730464901	KTC3875S-GR-RTK/P		00D2730464901	26		
	Q5010	00D2710312905	KTA1504S-GR-RTK/P		00D2710312905	13		
	Q5501	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q5502	00D2690193901	KRC104S-RTK/P (47K-47K)		00D2690193901	1		
	Q6007	00D2710312905	KTA1504S-GR-RTK/P		00D2710312905	13		
	Q6008,6009	00D2730464901	KTC3875S-GR-RTK/P		00D2730464901	26		
	Q6010	00D2710312905	KTA1504S-GR-RTK/P		00D2710312905	13		
	U0504	23281004250AS	NJM8068G-TE2		23281004250AS	1		
	U0506,0507	23281004250AS	NJM8068G-TE2		23281004250AS	2		
	U3801	236810090504S	ILX3232D		236810090504S	1		
	U3803,3804	262010006704S	JSR1165		262010006704S	2		
	U3805	233810011150AS	SN74AHCU04D		233810011150AS	1		
	U3851	262010007707S	R94EV1A		262010007707S	1		
	U5501	236810064604S	AD8195ACPZ		236810064604S	1		
	RESISTOR GROUP							
	R0107,0108	00MGG0510016X	10 OHM +- 5% 1/6W		00MGG0510016X	26		
	R0529,0530	nsp	RM73B--103JT +1608		00D2472009983	2		
	R0533	nsp	RM73B--101JT +1608		00D2472005903	1		
	R0534-0536	nsp	RM73B--222JT +1608		00D2472008926	3		
	R0537	nsp	RM73B--101JT +1608		00D2472005903	1		
	R0538	nsp	RM73B--222JT +1608		00D2472008926	1		
	R0551-0558	nsp	RM73B--222JT +1608		00D2472008926	8		
	R0569,0570	nsp	RM73B--563JT +1608		00D2472011968	2		
	R0573,0574	nsp	RM73B--563JT +1608		00D2472011968	2		
	R0584	nsp	RM73B--101JT +1608		00D2472005903	1		
	R0585,0586	nsp	RM73B--564JT +1608		00D2472014907	2		
	R0587,0588	nsp	RM73B--101JT +1608		00D2472005903	2		
	R0589,0590	nsp	RM73B--564JT +1608		00D2472014907	2		
	R0591	nsp	RM73B--101JT +1608		00D2472005903	1		
	R3801-3804	nsp	RM73B--0R0KT +1608		00D2472018903	4		
	R3805-3808	nsp	RM73B--684JT +1608		00D2472014923	4		
	R3809	nsp	RM73B--101JT +1608		00D2472005903	1		
	R3810,3811	nsp	RM73B--472JT (1608) +1608		00D2472009909	2		
	R3812,3813	nsp	RM73B--101JT +1608		00D2472005903	2		
	R3814,3815	nsp	RM73B--102JT +1608		00D2472007943	2		
	R3816	nsp	RM73B--101JT +1608		00D2472005903	1		
	R3828,3829	nsp	RM73B--102JT +1608		00D2472007943	2		
	R3832	nsp	RM73B--330JT +1608		00D2472003989	1		
	R3833,3834	nsp	RM73B--750JT +1608		00D2472004975	2		
	R3837,3838	nsp	RM73B--330JT +1608		00D2472003989	2		
	R3839,3840	nsp	RM73B--471JT +1608		00D2472006960	2		
	R3845,3846	nsp	RM73B--473JT +1608		00D2472011942	2		
	R3847,3848	nsp	RM73B--334JT +1608		00D2472013940	2		
	R3851,3852	nsp	RM73B--330JT +1608		00D2472003989	2		
	R3853,3854	nsp	RM73B--102JT +1608		00D2472007943	2		
	R3855	nsp	RM73B--470JT +1608		00D2472004920	1		
	R3856	nsp	RM73B--473JT +1608		00D2472011942	1		
	R3857	nsp	RM73B--183JT +1608		00D2472010943	1		
	R3858-3860	nsp	RM73B--101JT +1608		00D2472005903	3		
	R3861	nsp	RM73B--333JT +1608		00D2472011900	1		
	R3862	nsp	RM73B--101JT +1608		00D2472005903	1		
	R4001	nsp	RM73B--333JT +1608		00D2472011900	13		
	R4002	nsp	RM73B--151JT +1608		00D2472005945	13		
	R4003,4004	nsp	RM73B--220JT +1608		00D2472003947	26		
	R4005,4006	nsp	RM73B--912JT +1608		00D2472009970	26		
	R4007,4008	nsp	RM73B--471JT +1608		00D2472006960	26		
	R4009,4010	nsp	RM73B--220JT +1608		00D2472003947	26		
	R4011,4012	nsp	RM73B--331JT (1608) +1608		00D2472006902	26		
	R4013	nsp	RM73B--105JT +1608		00D2472014965	13		
	R4014,4015	nsp	RM73B--220JT +1608		00D2472003947	26		
	R4016	nsp	RM73B--101JT +1608		00D2472005903	13		
	R4017,4018	nsp	RM73B--912JT +1608		00D2472009970	26		
	R4019,4020	nsp	RM73B--220JT +1608		00D2472003947	26		
	R4021	nsp	RM73B--101JT +1608		00D2472005903	13		
	R4022	nsp	RM73B--0R0KT +1608		00D2472018903	13		
	R4031	nsp	RM73B--104JT +1608		00D2472012925	13		
	R5002	nsp	RM73B--222JT +1608		00D2472008926	13		
	R5003,5004	nsp	RM73B--220JT +1608		00D2472003947	26		
	R5005,5006	nsp	RM73B--912JT +1608		00D2472009970	26		
	R5007,5008	nsp	RM73B--471JT +1608		00D2472006960	26		
	R5009,5010	nsp	RM73B--220JT +1608		00D2472003947	26		
	R5011,5012	nsp	RM73B--331JT (1608) +1608		00D2472006902	26		
	R5013	nsp	RM73B--105JT +1608		00D2472014965	13		
	R5014,5015	nsp	RM73B--220JT +1608		00D2472003947	26		
	R5016	nsp	RM73B--222JT +1608		00D2472008926	13		
	R5017,5018	nsp	RM73B--912JT +1608		00D2472009970	26		
	R5019,5020	nsp	RM73B--220JT +1608		00D2472003947	26		
	R5021	nsp	RM73B--101JT +1608		00D2472005903	13		
	R5501	nsp	RM73B--102JT		00D2473008941	1		
	R5502	nsp	RM73B--103JT +1005		00D2473010984	1		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R5503	nsp	RM73B--473JT+1005		00D2473012940	1		
	R5505,5506	nsp	RM73B--0R0KT +1608		00D2472018903	2		
	R5508,5509	nsp	RM73B--103JT +1005		00D2473010984	2		
	R5510,5511	nsp	RM73B--0R0KT+1005		00D2473001906	2		
	R5515	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R5516-5519	nsp	MNR02=000(1005X2)		12625000450AS	4		
	R5559	nsp	RM73B--222JT +1608		00D2472008926	1		
	R6014,6015	nsp	RM73B--220JT +1608		00D2472003947	26		
	R6016	nsp	RM73B--101JT +1608		00D2472005903	13		
	R6017,6018	nsp	RM73B--912JT +1608		00D2472009970	26		
	R6019,6020	nsp	RM73B--220JT +1608		00D2472003947	26		
	R6021	nsp	RM73B--471JT +1608		00D2472006960	13		
	R6031	nsp	RM73B--104JT +1608		00D2472012925	13		
	CAPACIITORS GROUP							
	C0511,0512	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	2		
	C0515	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C0516,0517	nsp	CC73CH1H101JT +1608		00D2570506951	2		
	C0518	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C0519,0520	nsp	CC73CH1H101JT +1608		00D2570506951	2		
	C0541-0544	nsp	CC73CH1H101JT +1608		00D2570506951	4		
	C0547-0549	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	3		
	C0550,0551	nsp	CC73CH1H221JT +1608		00D2570507934	2		
	C0552	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C0553,0554	nsp	CC73CH1H221JT +1608		00D2570507934	2		
	C3801	nsp	CC73CH1H102JT +1608		00D2570508988	1		
	C3803	nsp	CC73CH1H102JT +1608		00D2570508988	1		
	C3804,3805	nsp	CK73B1H102KT +1608		00D2570509929	2		
	C3807-3809	nsp	CC73CH1H221JT +1608		00D2570507934	3		
	C3810,3811	nsp	CK73B1H102KT +1608		00D2570509929	2		
	C3812,3813	nsp	CK73B1E104KT +1608		00D2570516954	2		
	C3814	nsp	CC73CH1H221JT +1608		00D2570507934	1		
	C3816,3817	nsp	CC73CH1H330JT +1608		00D2570504940	2		
	C3829	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C3830	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C3833-3839	nsp	CK73B1E104KT +1608		00D2570516954	7		
	C3840,3841	nsp	CK73B1H102KT +1608		00D2570509929	2		
	C3842,3843	nsp	CK73B1H103KT (1608) +1608		00D2570501901	2		
	C3844	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C3845	nsp	CK73B1H102KT +1608		00D2570509929	1		
	C3851,3852	nsp	CK73B1E104KT +1608		00D2570516954	2		
	C3854-3856	nsp	CK73B0J475KT +1608		00D2570522906	3		
	C4001	00D2544573994	CE04W1H220MT(RA3)		00D2544573994	13		
	C4002,4003	nsp	CC73CH1H221JT +1608		00D2570507934	26		
	C4004,4005	00D2544569937	CE04W1E221MT(RA3)		00D2544569937	26		
	C4006	00D2544573994	CE04W1H220MT(RA3)		00D2544573994	13		
	C5001	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	13		
	C5003	nsp	CC73CH1H221JT +1608		00D2570507934	13		
	C5501	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C5502-5505	nsp	CK73B1A104KT +1005		00D2575008933	4		
	C5506	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C5507	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C5508	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C5509	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C5510-5520	nsp	CK73X5R0J106MT(2125)		132450038507S	11		
	C5560	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C5561	00D2544645903	CE67C0J221MT(MVA) +REF		00D2544645903	1		
	C6006	00D2544573994	CE04W1H220MT(RA3)		00D2544573994	13		
	OTHER PARTS GROUP							
	B0101,0102	nsp	M3 SCREW TERMINAL		00D2051034010	26		
	K3801	64301021100AS	XLR CONNECTOR (XLR-22)		64301021100AS	1		
	K3802,3803	643010086019S	MINI JACK(PJ-308-02(RD))		643010086019S	2		
	K3804	64301021100AS	XLR CONNECTOR (XLR-22)		64301021100AS	1		
	K3806	64601001802AS	2P PIN JACK(MSD-252V)-AU-BK		64601001802AS	1		
	K3851	643010084006S	2P PINJACK(RCA-206B)-NI-O		643010084006S	1		
	K3852	643010086002S	MINI JACK(PJ-308-02)		643010086002S	1		
	K5501	64401030160AS	A0D7ABAR19N0		64401030160AS	1		
	L3803	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L5559	113410007504S	DLW21SN181SQ2L		113410007504S	1		
	L5560	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	N0101	nsp	9P SOCKET(C125Z2)		645010068017S	13		
	N0504	nsp	B5B-PH-K-S (LF)(SN)		00MYJ06006250	1		
	N3801	64301017200AS	9P D-SUB CONNECTOR(D227FD009S100BY)		64301017200AS	1		
	N3803	nsp	19P FFC BASE (P=1)		00D2050892020	1		
	N3851	nsp	B8B-PH-K-S (LF)(SN)		00MYJ06006280	1		
	N5501	nsp	25P FFC.BASE(9610SCA +REF		00D2051313906	1		
	N5559	00D2051381103	USB CONNECTOR		00D2051381103	1		
	N5560	nsp	B5B-PH-K-S (LF)(SN)		00MYJ06006250	1		
	N9016,9017	nsp	7P PLUG(C125Z1)		645010067007S	2		
	Z3851	nsp	SHIELD CASE FLASHER SR7005 A332		445310117000M	1		
	Z3852-3854	nsp	STYLE PIN		00D2050452017	3		

AUDIO VIDEO PCB ASS'Y

※Parts indicated by "nsp"on this table cannot be supplied.

※The parts listed below are only for maintenance. Therefore they might differ from the parts used in the unit in appearances or dimensions

NOTE:The symbols in the column Remarks indicate the following destinations.

U : North America model N : Europe model K : China model F : Japan model

B : Black model SG : Silver Gold model

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	SEMICONDUCTORS GROUP							
	D3501-3515	00D2760794900	KDS160-RTK/P		00D2760794900	15		
	Q3501	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3502	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3503	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3504	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3505	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3506	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3507	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3508	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3509	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3510	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3511	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3512	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3513	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3514	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3515	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3516	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3517	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3518	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3519	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3520	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3521	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3522	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3523	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3524	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3525	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3526	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	1		
	Q3527	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	Q3528,3529	21585001550AS	KRA105S-RTK/P(2.2K-47K)		21585001550AS	2		
	Q3530	00D2690192902	KRC102S-RTK/P (10K-10K)		00D2690192902	1		
	U3001-3004	23381001450AS	CD74HC4094PWR		23381001450AS	4		
	U3005	23281004250AS	NJM8068G-TE2	U	23281004250AS	1		
	U3201,3202	235810045600S	R2A15220FP		235810045600S	2		
	U3203,3204	00D2623727904	NJW1194V-TE1		00D2623727904	2		
	U3205-3210	23281004250AS	NJM8068G-TE2		23281004250AS	6		
	U3703	235810046603S	AVDM-2000		235810046603S	1		
	RESISTOR GROUP							
	R3001-3004	nsp	RM73B--0R0KT +1608		00D2472018903	4		
	R3026	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		
	R3027,3028	nsp	RM73B--0R0KT +1608		00D2472018903	2		
	R3030	nsp	RM73B--750DT(1608)		00D2472032905	1		
	R3031-3034	nsp	RM73B--0R0KT +1608		00D2472018903	4		
	R3102	nsp	RM73B--0R0KT +1608	U	00D2472018903	1		
	R3104	nsp	RM73B--100JT +1608	U	00D2472002964	1		
	R3106	nsp	RM73B--100JT +1608	U	00D2472002964	1		
	R3111,3112	nsp	RM73B--393JT +1608	U	00D2472011926	2		
	R3113,3114	nsp	RM73B--243JT +1608	U	00D2472010972	2		
	R3115,3116	nsp	RM73B--104JT +1608	U	00D2472012925	2		
	R3117	nsp	RM73B--0R0KT +1608	U	00D2472018903	1		
	R3119,3120	nsp	RM73B--102JT +1608	U	00D2472007943	2		
	R3121,3122	nsp	RM73B--153JT +1608	U	00D2472010927	2		
	R3126,3127	nsp	RM73B--104JT +1608		00D2472012925	2		
	R3128,3129	nsp	RM73B--102JT +1608		00D2472007943	2		
	R3130,3131	nsp	RM73B--104JT +1608		00D2472012925	2		
	R3132,3133	nsp	RM73B--823JT +1608	N, K, F	00D2472012909	2		
	R3134,3135	nsp	RM73B--330JT +1608	N, K, F	00D2472003989	2		
	R3137	nsp	RM73B--330JT +1608	N, K, F	00D2472003989	1		
	R3136	nsp	RM73B--330JT +1608		00D2472003989	1		
	R3138	nsp	RM73B--222JT +1608		00D2472008926	1		
	R3201-3212	nsp	RM73B--471JT +1608		00D2472006960	12		
	R3215-3222	nsp	RM73B--471JT +1608		00D2472006960	8		
	R3223-3234	nsp	RM73B--824JT +1608		00D2472014949	12		
	R3237-3244	nsp	RM73B--824JT +1608		00D2472014949	8		
	R3267	nsp	RM73B--473JT +1608		00D2472011942	1		
	R3270-3275	nsp	RM73B--470JT +1608		00D2472004920	6		
	R3276,3277	nsp	RM73B--473JT +1608		00D2472011942	2		
	R3278-3283	nsp	RM73B--470JT +1608		00D2472004920	6		
	R3284-3288	nsp	RM73B--473JT +1608		00D2472011942	5		
	R3289,3290	nsp	RM73B--470JT +1608		00D2472004920	2		
	R3291,3292	nsp	RM73B--473JT +1608		00D2472011942	2		
	R3293,3294	nsp	RM73B--470JT +1608		00D2472004920	2		
	R3295	nsp	RM73B--473JT +1608		00D2472011942	1		
	R3296,3297	nsp	RM73B--470JT +1608		00D2472004920	2		
	R3301-3304	nsp	RM73B--474JT +1608		00D2472013982	4		
	R3305-3308	nsp	RM73B--154JT +1608		00D2472012967	4		
	R3309-3312	nsp	RM73B--334JT +1608		00D2472013940	4		
	R3313-3316	nsp	RM73B--101JT +1608		00D2472005903	4		
	R3317-3320	nsp	RM73B--104JT +1608		00D2472012925	4		
	R3321-3328	nsp	RM73B--393JT +1608		00D2472011926	8		
	R3329-3332	nsp	RM73B--223JT +1608		00D2472010969	4		
	R3333-3340	nsp	RM73B--472JT (1608) +1608		00D2472009909	8		
	R3341-3344	nsp	RM73B--470JT +1608		00D2472004920	4		
	R3345-3348	nsp	RM73B--104JT +1608		00D2472012925	4		
	R3349-3352	nsp	RM73B--101JT +1608		00D2472005903	4		
	R3353-3356	nsp	RM73B--472JT (1608) +1608		00D2472009909	4		
	R3357-3364	nsp	RM73B--104JT +1608		00D2472012925	8		
	R3371-3373	nsp	MNR04=473(1005X4)		126210009591S	3		
	R3375,3376	nsp	MNR04=473(1005X4)		126210009591S	2		
	R3386	nsp	MNR04=473(1005X4)		126210009591S	1		
	R3501-3508	nsp	RM73B--100JT +1608		00D2472002964	8		
	R3509-3525	nsp	RM73B--104JT +1608		00D2472012925	17		
	R3540-3556	nsp	RM73B--104JT +1608		00D2472012925	17		
	R3557-3573	nsp	RM73B--221JT +1608		00D2472005987	17		
	R3574	nsp	RM73B--100JT +1608		00D2472002964	1		
	R3581,3582	nsp	RM73B--221JT +1608		00D2472005987	2		
	R3583,3584	nsp	RM73B--104JT +1608		00D2472012925	2		
	R3585-3590	nsp	RM73B--100JT +1608		00D2472002964	6		
	R3701-3713	nsp	RM73B--750DT(1608)		00D2472032905	13		
	R3716	nsp	RM73B--750JT +1608		00D2472004975	1		
	R3731	nsp	RM73B--750DT(1608)		00D2472032905	1		
	R3734,3735	nsp	RM73B--472JT (1608) +1608		00D2472009909	2		
	R3736	nsp	RM73B--100JT +1608		00D2472002964	1		
	R3737	nsp	RM73B--102JT +1608		00D2472007943	1		
	R3738,3739	nsp	RM73B--101JT +1608		00D2472005903	2		
	R3740	nsp	RM73B--750DT(1608)		00D2472032905	1		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R3741	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		
	R3742	nsp	RM73B--750DT(1608)		00D2472032905	1		
	R3743	nsp	RM73B--102JT +1608		00D2472007943	1		
	R3744	nsp	RM73B--100JT +1608		00D2472002964	1		
	R3745,3746	nsp	RM73B--750DT(1608)		00D2472032905	2		
	R3747	nsp	RM73B--102JT +1608		00D2472007943	1		
	R3748	nsp	RM73B--100JT +1608		00D2472002964	1		
	R3749,3750	nsp	RM73B--750DT(1608)		00D2472032905	2		
	R3751	nsp	RM73B--102JT +1608		00D2472007943	1		
	R3752	nsp	RM73B--100JT +1608		00D2472002964	1		
	R3762	nsp	RM73B--750DT(1608)		00D2472032905	1		
	R8063,8064	nsp	RM73B--0R0KT +1608		00D2472018903	2		
	R8071	nsp	RM73B--0R0KT +2125	U	00D2470018905	1		
	R8072	nsp	RM73B--0R0KT +1608	N, K, F	00D2472018903	1		
	CAPACIITORS GROUP							
	C3022-3025	nsp	CK73B1E104KT +1608		00D2570516954	4		
	C3026	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C3028	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C3101	nsp	CK73B1E104KT +1608	U	00D2570516954	1		
	C3102-3104	nsp	CC73CH1H101JT +1608	U	00D2570506951	3		
	C3105	nsp	CK73B1E104KT +1608	U	00D2570516954	1		
	C3107-3110	13405014840AS	CE04W1J100MT(KR3)	U	13405014840AS	4		
	C3112,3113	nsp	CC73CH1H471JT +1608	U	00D2570508917	2		
	C3115,3116	nsp	CC73CH1H330JT +1608	U	00D2570504940	2		
	C3117,3118	nsp	CK73B1E104KT +1608	U	00D2570516954	2		
	C3119,3120	13405014840AS	CE04W1J100MT(KR3)	U	13405014840AS	2		
	C3123	nsp	CC73CH1H101JT +1608		00D2570506951	1		
	C3126-3129	nsp	CC73CH1H101JT +1608		00D2570506951	4		
	C3133	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	1		
	C3134,3135	13405014840AS	CE04W1J100MT(KR3)	N, K ,F	13405014840AS	2		
	C3139	nsp	CK73X5R1C106KT(2125)	U	13245005950AS	1		
	C3201-3212	nsp	CC73CH1H331JT +1608		00D2570507976	12		
	C3215-3222	nsp	CC73CH1H331JT +1608		00D2570507976	8		
	C3241-3260	00D2544577958	CE04W1C221MT(RA3)		00D2544577958	20		
	C3301-3304	nsp	CK73X5R1C106KT(2125)		13245005950AS	4		
	C3305-3312	nsp	CK73B1H103KT (1608) +1608		00D2570501901	8		
	C3313-3316	nsp	CK73X5R1C106KT(2125)		13245005950AS	4		
	C3317-3324	nsp	CC73CH1H101JT +1608		00D2570506951	8		
	C3325-3328	nsp	CK73X5R1C106KT(2125)		13245005950AS	4		
	C3329-3332	nsp	CK73B1E104KT +1608		00D2570516954	4		
	C3333-3336	nsp	CK73X5R1C106KT(2125)		13245005950AS	4		
	C3341,3342	nsp	CK73X5R1C106KT(2125)		13245005950AS	2		
	C3343-3346	nsp	CK73B1H332KT +1608		00D2570510918	4		
	C3347-3350	nsp	CK73X5R1C106KT(2125)		13245005950AS	4		
	C3351-3354	nsp	RM73B--0R0KT +2125		00D2470018905	4		
	C3355-3358	nsp	CK73X5R1C106KT(2125)		13245005950AS	4		
	C3359-3362	nsp	CK73B1E104KT +1608		00D2570516954	4		
	C3519-3535	64901003040AS	CHECK TERMINAL(TP00412-21)		64901003040AS	17		
	C3542-3558	nsp	CC73CH1H471JT +1608		00D2570508917	17		
	C3561,3562	nsp	CC73CH1H471JT +1608		00D2570508917	2		
	C3705-3717	nsp	CK73X5R0J106MT(2125)		132450038507S	13		
	C3729-3731	nsp	CK73B1E104KT +1608		00D2570516954	3		
	C3734-3747	nsp	CK73B1E104KT +1608		00D2570516954	14		
	C3748,3749	13405012840AS	CE04W1A101MT(KR3)		13405012840AS	2		
	C5577-5582	nsp	CK73B1E104KT +1608		00D2570516954	6		
	OTHER PARTS GROUP							
	B3001,3002	nsp	M3 SCREW TERMINAL		00D2051034007	2		
	K3102-3104	64301016600AS	6P PIN JACK(RCA-637G)-AU-RW		64301016600AS	3		
	K3105	64301016700AS	6P PIN JACK(RCA-637G)-AU-RWB		64301016700AS	1		
	K3301	64301016600AS	6P PIN JACK(RCA-637G)-AU-RW		64301016600AS	1		
	K3302	64301016800AS	3P PIN JACK(RCA-349BG)-AU-WBB		64301016800AS	1		
	K3303	64301016600AS	6P PIN JACK(RCA-637G)-AU-RW		64301016600AS	1		
	K3501,3502	64301017000AS	6P PIN JACK(RCA-637G)-AU-GBR		64301017000AS	2		
	K3503	64301016900AS	6P PIN JACK(RCA-637G)-AU-Y		64301016900AS	1		
	K3504	64301017100AS	3P PIN JACK(RCA-349BG)-AU-GBR		64301017100AS	1		
	L3003	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	N3001	nsp	33P SOCKET(C125Z2)		645010057093S	1		
	N3003	nsp	33P FFC BASE		00D2050736005	1		
	N3008	nsp	13P FFC BASE(9604SC)	U	00D2051258045	1		
	N3009	nsp	B3B-PH-K-S (LF)(SN)		00MYJ06006230	1		
	N3204	nsp	B14B-PH-K-S (LF)(SN)		00MYJ06006340	1		
	N3205	nsp	B9B-PH-K-S (LF)(SN)		00MYJ06006290	1		
	N3206	nsp	B12B-PH-K-S (LF)(SN)		00MYJ06006320	1		
	N3207	nsp	B11B-PH-K-S (LF)(SN)		00MYJ06006310	1		
	N3209	nsp	B5B-PH-K-S (LF)(SN)		00MYJ06006250	1		
	N3501	nsp	B3B-PH-K-S (LF)(SN)		00MYJ06006230	1		
	N4818	nsp	21P SOCKET(C125Z2)		645010057055S	1		
	N5201	nsp	19P PLUG(C125Z1)		645010056045S	1		
	N5202	nsp	33P PLUG(C125Z1)		645010056090S	1		
	N5203	nsp	19P PLUG(C125Z1)		645010056045S	1		
	N5204	nsp	33P PLUG(C125Z1)		645010056090S	1		
	N5901-5904	nsp	33P PLUG(C125Z1)		645010056090S	4		
	N5905,5906	nsp	17P PLUG(C125Z1)		645010056038S	2		
	N5907,5908	nsp	19P PLUG(C125Z1)		645010056045S	2		
	N5909,5910	nsp	21P PLUG(C125Z1)		645010056052S	2		
	N9014	nsp	B6B-PH-K-S (LF)(SN)		00MYJ06006260	1		
	N9015	nsp	7P SOCKET(C125Z2)		645010068000S	1		
	N9018	nsp	17P SOCKET(C125Z2)		645010057031S	1		
	N9019	nsp	19P SOCKET(C125Z2)		645010057048S	1		
!	S3501-3515	68201004200AS	RELAY(G6J-2P-Y)		68201004200AS	15		
	Z3001	18301004100AS	AM/FM+RDS TUNER MODULE	N	18301004100AS	1		
	Z3001	18301004200AS	AM/FM TUNER MODULE	K, F	18301004200AS	1		
	Z3701,3702	nsp	STYLE PIN		00D2050452017	2		
	Z5901	nsp	STYLE PIN		00D2050452017	1		

DAC PCB ASS'Y

※Parts indicated by "nsp"on this table cannot be supplied.

※The parts listed below are only for maintenance. Therefore they might differ from the parts used in the unit in appearances or dimensions

NOTE:The symbols in the column Remarks indicate the following destinations.

U : North America model N : Europe model K : China model F : Japan model

B : Black model SG : Silver Gold model

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	SEMICONDUCTORS GROUP							
	D0601-0603	251310004507S	CG0603MLC-12LE		251310004507S	3		
	U0106	23681012050AS	PCM5100PWR		23681012050AS	1		
	U0109	23681012050AS	PCM5100PWR		23681012050AS	1		
	U0141	236810086505S	AK5358BET		236810086505S	1		
	U0142	00D2631047906	NJM2115M-TE1 +C		00D2631047906	1		
	U0412	23281004250AS	NJM8068G-TE2		23281004250AS	1		
	U0415	23281004250AS	NJM8068G-TE2		23281004250AS	1		
	U0418	23281004250AS	NJM8068G-TE2		23281004250AS	1		
	U0421	23281004250AS	NJM8068G-TE2		23281004250AS	1		
	U0424	23281004250AS	NJM8068G-TE2		23281004250AS	1		
	U0427	23281004250AS	NJM8068G-TE2		23281004250AS	1		
	U0430	23281004250AS	NJM8068G-TE2		23281004250AS	1		
	U4011	23171011750AS	NJM2845DL1-33		23171011750AS	1		
	U4012-4018	23681050250AS	AK4490EQ		23681050250AS	7		
	RESISTOR GROUP							
	R0139	nsp	RM73B--102JT		00D2473008941	1		
	R0141	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0144-0146	nsp	RM73B--101JT +1608		00D2472005903	3		
	R0147,0148	nsp	RM73B--332JT +1608		00D2472008968	2		
	R0149	nsp	RM73B--101JT +1608		00D2472005903	1		
	R0150	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		
	R0151,0152	nsp	RM73B--683JT +1608		00D2472011984	2		
	R0153	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		
	R0154,0155	nsp	RM73B--474JT +1608		00D2472013982	2		
	R0157,0158	nsp	RM73B--103JT +1005		00D2473010984	2		
	R0160	nsp	RM73B--473JT+1005		00D2473012940	1		
	R0161	nsp	RM73B--102JT		00D2473008941	1		
	R0163,0164	nsp	RM73B--471JT +1608		00D2472006960	2		
	R0168,0169	nsp	RM73B--103JT +1005		00D2473010984	2		
	R0171	nsp	RM73B--473JT+1005		00D2473012940	1		
	R0172	nsp	RM73B--102JT		00D2473008941	1		
	R0174,0175	nsp	RM73B--471JT +1608		00D2472006960	2		
	R0401	nsp	RM73B--393JT +2125		00D2470011928	1		
	R0428-0431	nsp	RM73B--681JT +2125		00D2470007903	4		
	R0432-0435	nsp	RM73B--821JT +2125		00D2470007929	4		
	R0436,0437	nsp	RM73B--152JT +2125		00D2470007987	2		
	R0438-0440	nsp	RM73B--681JT +2125		00D2470007903	3		
	R0441	nsp	RM73B--122JT +2125		00D2470007961	1		
	R0443,0444	nsp	RM73B--152JT +2125		00D2470007987	2		
	R0446,0447	nsp	RM73B--101JT +2125		00D2470005905	2		
	R0452-0455	nsp	RM73B--681JT +2125		00D2470007903	4		
	R0456-0459	nsp	RM73B--821JT +2125		00D2470007929	4		
	R0460	nsp	RM73B--152JT +2125		00D2470007987	1		
	R0461	nsp	RM73B--332JT +2125		00D2470008960	1		
	R0462,0463	nsp	RM73B--681JT +2125		00D2470007903	2		
	R0464,0465	nsp	RM73B--821JT +2125		00D2470007929	2		
	R0467	nsp	RM73B--152JT +2125		00D2470007987	1		
	R0468	nsp	RM73B--332JT +2125		00D2470008960	1		
	R0469	nsp	RM73B--393JT +2125		00D2470011928	1		
	R0470,0471	nsp	RM73B--101JT +2125		00D2470005905	2		
	R0476-0479	nsp	RM73B--681JT +2125		00D2470007903	4		
	R0480-0483	nsp	RM73B--821JT +2125		00D2470007929	4		
	R0484,0485	nsp	RM73B--152JT +2125		00D2470007987	2		
	R0486-0489	nsp	RM73B--681JT +2125		00D2470007903	4		
	R0491,0492	nsp	RM73B--152JT +2125		00D2470007987	2		
	R0494,0495	nsp	RM73B--101JT +2125		00D2470005905	2		
	R0500,0501	nsp	RM73B--681JT +2125		00D2470007903	2		
	R0504,0505	nsp	RM73B--821JT +2125		00D2470007929	2		
	R0508	nsp	RM73B--332JT +2125		00D2470008960	1		
	R0510,0511	nsp	RM73B--821JT +2125		00D2470007929	2		
	R0514	nsp	RM73B--393JT +2125		00D2470011928	1		
	R0515	nsp	RM73B--332JT +2125		00D2470008960	1		
	R0518	nsp	RM73B--101JT +2125		00D2470005905	1		
	R0520	nsp	RM73B--393JT +2125		00D2470011928	1		
	R0524-0527	nsp	RM73B--681JT +2125		00D2470007903	4		
	R0528-0531	nsp	RM73B--821JT +2125		00D2470007929	4		
	R0532,0533	nsp	RM73B--152JT +2125		00D2470007987	2		
	R0534-0537	nsp	RM73B--681JT +2125		00D2470007903	4		
	R0539	nsp	RM73B--152JT +2125		00D2470007987	1		
	R0541	nsp	RM73B--152JT +2125		00D2470007987	1		
	R0542,0543	nsp	RM73B--101JT +2125		00D2470005905	2		
	R0548-0551	nsp	RM73B--681JT +2125		00D2470007903	4		
	R0552-0555	nsp	RM73B--821JT +2125		00D2470007929	4		
	R0556,0557	nsp	RM73B--152JT +2125		00D2470007987	2		
	R0558-0561	nsp	RM73B--681JT +2125		00D2470007903	4		
	R0563,0564	nsp	RM73B--152JT +2125		00D2470007987	2		
	R0566,0567	nsp	RM73B--101JT +2125		00D2470005905	2		
	R0572-0575	nsp	RM73B--681JT +2125		00D2470007903	4		
	R0576-0579	nsp	RM73B--821JT +2125		00D2470007929	4		
	R0580,0581	nsp	RM73B--152JT +2125		00D2470007987	2		
	R0582-0585	nsp	RM73B--681JT +2125		00D2470007903	4		
	R0587,0588	nsp	RM73B--152JT +2125		00D2470007987	2		
	R0590,0591	nsp	RM73B--101JT +2125		00D2470005905	2		
	R0604	nsp	RM73B--222JT +1608		00D2472008926	1		
	R4011-4013	nsp	RM73B--102JT		00D2473008941	3		
	R4014	nsp	RM73B--0R0KT +2125		00D2470018905	1		
	R4016-4027	nsp	RM73B--0R0KT +1608		00D2472018903	12		
	R4028-4031	nsp	RM73B--102JT		00D2473008941	4		
	R4033-4048	nsp	RM73B--0R0KT +1608		00D2472018903	16		
	R8076-8079	nsp	RM73B--103JT +1608		00D2472009983	4		
	R8123-8136	nsp	RM73B--103JT +1608		00D2472009983	14		
	R8138	nsp	RM73B--0R0KT +2125		00D2470018905	1		
	R8148-8153	nsp	RM73B--0R0KT+1005		00D2473001906	6		
	CAPACIITORS GROUP							
	C0146	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C0149	nsp	CK73B1A225KT 1608		132350029504S	1		
	C0150,0151	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	2		
	C0152,0153	nsp	CC73CH1H103JT +2125		00D2570041924	2		
	C0154,0155	nsp	CC73CH1H471JT +1608		00D2570508917	2		
	C0156	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C0157,0158	13405014840AS	CE04W1J100MT(KR3)		13405014840AS	2		
	C0159,0160	nsp	CK73B0J475KT +1608		00D2570522906	2		
	C0163,0164	nsp	CK73B1E104KT +1608		00D2570516954	2		
	C0165	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0166	nsp	CK73B0J475KT +1608		00D2570522906	1		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	C0167	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C0168,0169	nsp	CK73B1A225KT 1608		132350029504S	2		
	C0170	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C0171,0172	nsp	CC73CH1H222JT +1608		00D2570505936	2		
	C0175	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C0178	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0191,0192	nsp	CK73B1E104KT +1608		00D2570516954	2		
	C0193	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0194	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C0195	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C0196,0197	nsp	CK73B1A225KT 1608		132350029504S	2		
	C0198	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C0199,0200	nsp	CC73CH1H222JT +1608		00D2570505936	2		
	C0401-0407	nsp	CK73B1H102KT +1005		00D2575006993	7		
	C0411-0426	nsp	CK73B1A104KT +1005		00D2575008933	16		
	C0491,0492	133050086589S	CQ93M2A332JT(PEF)		133050086589S	2		
	C0493,0494	133050086541S	CQ93M2A152JT(PEF)		133050086541S	2		
	C0495	13305014940AS	CQ93M2A681JT(PEF)		13305014940AS	1		
	C0496	13305014941AS	CQ93M2A821JT(PEF)		13305014941AS	1		
	C0497,0498	13305014940AS	CQ93M2A681JT(PEF)		13305014940AS	2		
	C0505	133050086589S	CQ93M2A332JT(PEF)		133050086589S	1		
	C0506	133050086565S	CQ93M2A222JT(PEF)		133050086565S	1		
	C0507	133050086541S	CQ93M2A152JT(PEF)		133050086541S	1		
	C0508	133050086527S	CQ93M2A102JT(PEF)		133050086527S	1		
	C0509	13305014940AS	CQ93M2A681JT(PEF)		13305014940AS	1		
	C0510	133050086510S	CQ93M2A471JT(PEF)		133050086510S	1		
	C0511	13305014940AS	CQ93M2A681JT(PEF)		13305014940AS	1		
	C0512	133050086510S	CQ93M2A471JT(PEF)		133050086510S	1		
	C0517,0518	00D2544577945	CE04W1C101MT(RA3)		00D2544577945	2		
	C0523,0524	133050086589S	CQ93M2A332JT(PEF)		133050086589S	2		
	C0525,0526	133050086541S	CQ93M2A152JT(PEF)		133050086541S	2		
	C0527-0530	13305014940AS	CQ93M2A681JT(PEF)		13305014940AS	4		
	C0531,0532	00D2544577945	CE04W1C101MT(RA3)		00D2544577945	2		
	C0537	133050086565S	CQ93M2A222JT(PEF)		133050086565S	1		
	C0539	133050086527S	CQ93M2A102JT(PEF)		133050086527S	1		
	C0541	133050086510S	CQ93M2A471JT(PEF)		133050086510S	1		
	C0543	133050086510S	CQ93M2A471JT(PEF)		133050086510S	1		
	C0545,0546	nsp	RM73B--0R0KT +1608		00D2472018903	2		
	C0551,0552	133050086589S	CQ93M2A332JT(PEF)		133050086589S	2		
	C0553,0554	133050086541S	CQ93M2A152JT(PEF)		133050086541S	2		
	C0555,0556	13305014941AS	CQ93M2A821JT(PEF)		13305014941AS	2		
	C0557,0558	13305014940AS	CQ93M2A681JT(PEF)		13305014940AS	2		
	C0559,0560	00D2544577945	CE04W1C101MT(RA3)		00D2544577945	2		
	C0565,0566	133050086589S	CQ93M2A332JT(PEF)		133050086589S	2		
	C0567,0568	133050086541S	CQ93M2A152JT(PEF)		133050086541S	2		
	C0569-0572	13305014940AS	CQ93M2A681JT(PEF)		13305014940AS	4		
	C0573,0574	00D2544577945	CE04W1C101MT(RA3)		00D2544577945	2		
	C0579,0580	133050086589S	CQ93M2A332JT(PEF)		133050086589S	2		
	C0581,0582	133050086541S	CQ93M2A152JT(PEF)		133050086541S	2		
	C0583-0586	13305014940AS	CQ93M2A681JT(PEF)		13305014940AS	4		
	C0587,0588	00D2544577945	CE04W1C101MT(RA3)		00D2544577945	2		
	C0603	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C0604	13405012440AS	CE04W0J221MT(KR3)		13405012440AS	1		
	C4011	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4013	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4014	nsp	CC73CH1H101JT +1005		00D2575004966	1		
	C4015	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C4016	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4017	nsp	CC73CH1H101JT +1005		00D2575004966	1		
	C4018	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C4019	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4020	nsp	CC73CH1H101JT +1005		00D2575004966	1		
	C4021	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C4023	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C4024,4025	13405012940AS	CE04W1C101MT(KR3)		13405012940AS	2		
	C4026	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4027	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C4028	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4029	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C4030	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4031	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C4032	00D2544569937	CE04W1E221MT(RA3)		00D2544569937	1		
	C4033,4034	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C4035,4036	00D2544569937	CE04W1E221MT(RA3)		00D2544569937	2		
	C4037,4038	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C4039,4040	00D2544569937	CE04W1E221MT(RA3)		00D2544569937	2		
	C4041,4042	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C4043	00D2544569937	CE04W1E221MT(RA3)		00D2544569937	1		
	C4044-4049	nsp	CK73B1A104KT +1005		00D2575008933	6		
	C4050-4055	00D2544569937	CE04W1E221MT(RA3)		00D2544569937	6		
	C4056-4058	nsp	CK73B0J475KT +1608		00D2570522906	3		
	C4059	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4060-4066	nsp	CK73B0J475KT +1608		00D2570522906	7		
	C4067	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4068	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4069	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4070	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4071	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4072	nsp	CC73CH1H101JT +1005		00D2575004966	1		
	C4073	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C4074	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4075	nsp	CC73CH1H101JT +1005		00D2575004966	1		
	C4076	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C4077	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4078	nsp	CC73CH1H101JT +1005		00D2575004966	1		
	C4079	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C4080	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4081	nsp	CC73CH1H101JT +1005		00D2575004966	1		
	C4082	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C4083	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4084	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C4085	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4086	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C4087	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4088	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C4089	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4090	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C4091	00D2544569937	CE04W1E221MT(RA3)		00D2544569937	1		
	C4092,4093	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C4094,4095	00D2544569937	CE04W1E221MT(RA3)		00D2544569937	2		
	C4096,4097	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C4098,4099	00D2544569937	CE04W1E221MT(RA3)		00D2544569937	2		
	C4100,4101	nsp	CK73B1A104KT +1005		00D2575008933	2		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	C4102	00D2544569937	CE04W1E221MT(RA3)		00D2544569937	1		
	C4103,4104	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C4105,4106	00D2544569937	CE04W1E221MT(RA3)		00D2544569937	2		
	C4107-4114	nsp	CK73B1A104KT +1005		00D2575008933	8		
	C4115-4122	00D2544569937	CE04W1E221MT(RA3)		00D2544569937	8		
	C4123-4134	nsp	CK73B0J475KT +1608		00D2570522906	12		
	C4135	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4136	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4137	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4138	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4139	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4140	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4141	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	1		
	C4142	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C4885	13405013040AS	CE04W1E221MT(KR3)		13405013040AS	1		
	C4886-4888	13405012840AS	CE04W1A101MT(KR3)		13405012840AS	3		
	C4892-4895	00D2544577945	CE04W1C101MT(RA3)		00D2544577945	4		
	C5048-5052	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	5		
	C5054-5061	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	8		
	C5567-5570	nsp	CK73X5R1C106KT(2125)		13245005950AS	4		
	C5571-5577	00D2544574919	CE04W1H470MT(RA3)		00D2544574919	7		
	OTHER PARTS GROUP							
	B0101	nsp	M3 SCREW TERMINAL		00D2051034007	1		
	B0602	nsp	M3 SCREW TERMINAL		00D2051034007	1		
	L0601	113410007504S	DLW21SN181SQ2L		113410007504S	1		
	L0602	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L4011-4024	nsp	RM73B--0R0KT +1608		00D2472018903	14		
	N0601	64401017100AS	USB CONNECTOR(U250FD004S166BY)		64401017100AS	1		
	N3001	nsp	33P SOCKET(C125Z2)		645010057093S	1		
	N4819	nsp	33P SOCKET(C125Z2)		645010057093S	1		
	N4822	nsp	33P SOCKET(C125Z2)		645010057093S	1		
	N9013	nsp	19P SOCKET(C125Z2)		645010057048S	1		
	N9042	nsp	11P PLUG(C125Z1)		645010056007S	1		

DIGITAL for AV8802 PCB ASS'Y

※Parts indicated by "nsp"on this table cannot be supplied.

※The parts listed below are only for maintenance. Therefore they might differ from the parts used in the unit in appearances or dimensions

NOTE:The symbols in the column Remarks indicate the following destinations.

U : North America model N : Europe model K : China model F : Japan model

B : Black model SG : Silver Gold model

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	SEMICONDUCTORS GROUP							
	D2448	00D2760750902	RB521S-30TE61 +REF		00D2760750902	1		
	D3404	00D2760794900	KDS160-RTK/P		00D2760794900	1		
	D3413	25131010150AS	NV73A1JTTE8.2		25131010150AS	1		
	D5001-5003	00D2760794900	KDS160-RTK/P		00D2760794900	3		
	Q0605,0606	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	2		
	Q1001,1002	00D2690144905	DTC114YKA-T146 +C		00D2690144905	2		
	Q1906	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	1		
	Q1907	00MBA2000199Y	KRC404E-RTK KEC STANDARD		00MBA2000199Y	1		
	Q1908	211850008504S	2SA2018TL		211850008504S	1		
	Q1909	00D2750110905	HN1K02FU-TE85L		00D2750110905	1		
	Q2101,2102	213850009503S	2SC4617EBTLR		213850009503S	2		
	Q2103	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	1		
	Q2105	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	1		
	Q2400-2402	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	3		
	Q2404-2406	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	3		
	Q2408-2410	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	3		
	Q2600-2607	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	8		
	Q3402	00D2740195901	2SD2114KT196 +C		00D2740195901	1		
	Q3601	211850008504S	2SA2018TL		211850008504S	1		
	Q3603,3604	00MBA2000199Y	KRC404E-RTK KEC STANDARD		00MBA2000199Y	2		
	Q3605	00D2757001907	FDC608PZ		00D2757001907	1		
	Q5001	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	1		
	Q5002	211850008504S	2SA2018TL		211850008504S	1		
	Q5003	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	1		
	Q5004	00D2757001907	FDC608PZ		00D2757001907	1		
	Q5005	213850009503S	2SC4617EBTLR		213850009503S	1		
	Q5006,5007	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	2		
	U0101	24581010160AM	ADSP-21487KSWZ-4B(3073-1)		24581010160AM	1		
	U0102	-	MX25L1606EM2I-12G		24681009160AS	1		
	└U0102	9R2481025500S	DSP1 ROM SUB ASSY		-	1		
	U0103	24681008960AS	A3V56S40GTP-60		24681008960AS	1		
	U0201	24581010161AM	ADSP-21487KSWZ-4B(3073-2)		24581010161AM	1		
	U0202	-	MX25L1606EM2I-12G		24681009160AS	1		
	└U0202	9R2481025600S	DSP2 ROM SUB ASSY		-	1		
	U0203	24681008960AS	A3V56S40GTP-60		24681008960AS	1		
	U0301	24581010162AM	ADSP-21487KSWZ-4B(3073-3)		24581010162AM	1		
	U0302	-	MX25L1606EM2I-12G		24681009160AS	1		
	└U0302	9R2481025700S	DSP3 ROM SUB ASSY		-	1		
	U0303	24681008960AS	A3V56S40GTP-60		24681008960AS	1		
	U0401	24581010163AM	ADSP-21487KSWZ-4B(3073-4)		24581010163AM	1		
	U0402	-	MX25L1606EM2I-12G		24681009160AS	1		
	└U0402	9R2481030200S	DSP4 ROM SUB ASSY		-	1		
	U0403	24681008960AS	A3V56S40GTP-60		24681008960AS	1		
	U0601	236810071503S	NLAS7222CMUTBG		236810071503S	1		
	U0602	24681009260AS	MX25L25635FMI-10G		24681009260AS	1		
	U0603,0604	23681012650AS	NCP380HMU21AATBG		23681012650AS	2		
	U0606	00D2623444902	TC74VHC08FT		00D2623444902	1		
	U0607	23671011050AS	MFI337S3959 IPOD COPROCESSOR 2.0C CLASS6		23671011050AS	1		
	U0608-0611	231810089509S	EX3AV		231810089509S	4		
	U1000	23681014050AS	PCM9211		23681014050AS	1		
	U1004,1005	23681016350AS	LC89091JA		23681016350AS	2		
	U1201	23681011960AS	5M570ZF256C5N		23681011960AS	1		
	U1202	23171011751AS	NJM2845DL1-18		23171011751AS	1		
	U1203	236810083506S	CS2100-10-CZZR		236810083506S	1		
	U1205	236810012504S	FCXO-05B(24.576MHz)		236810012504S	1		
	U1206	14181010150AS	TXC 8W(25.000MHZ)		14181010150AS	1		
	U1901,1902	231810089509S	EX3AV		231810089509S	2		
	U1903	00D2623436907	TC74VHC244FT		00D2623436907	1		
	U1904	23381001250AS	SN74AHCU04PWR		23381001250AS	1		
	U1905	23171011750AS	NJM2845DL1-33		23171011750AS	1		
	U1906	231810089509S	EX3AV		231810089509S	1		
	U2000	23681012760AS	ADV7850KBCZ-5		23681012760AS	1		
	U2101	-	R5F5210ABDFP		24181004160AS	1		
	└U2101	9R2431020300S	SUB CPU SUB ASSY(AV8802)		-	1	*	
	U2400	23381001350AS	SN74CBT3251PWR		23381001350AS	1		
	U2401	23681015960AS	MN8647771		23681015960AS	1		
	U2601	23681015960AS	MN8647771		23681015960AS	1		
	U2800	23681016160AS	AD55/058Z-0(ADV8003-8B)		23681016160AS	1		
	U2801	-	MX25L12835FMI-10G		24681008460AS	1		
	└U2801	9R2431023100S	GUI ROM SUB ASSY(AV8802/U/N/F)		-	1	*	3
	U3000,3001	24681020160AS	A3R12E40CBF-8E		24681020160AS	2		
	U3200	26381020260AS	EPM570F256C4N		26381020260AS	1		
	U3401	23681015960AS	MN8647771		23681015960AS	1		
	U3600	231810089509S	EX3AV		231810089509S	1		
	U3601	23681013550AS	NCP380HMUAJAATBG		23681013550AS	1		
	U3603-3606	231810089509S	EX3AV		231810089509S	4		
	U5001	-	R5F56108VNFP		24181003860AS	1		
	└U5001	9R2431020200S	MAIN CPU SUB ASSY(AV8802)		-	1	*	
	U5002	24681009350AS	R1EX24256BSAS0I		24681009350AS	1		
	U5003	23981007450AS	PST8448(SC-82AB)		23981007450AS	1		
	U5004	23171011750AS	NJM2845DL1-33		23171011750AS	1		
	RESISTOR GROUP							
	R0102	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0103	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R0105-0108	nsp	RM73B--330JT +1005		00D2473004987	4		
	R0109,0110	nsp	RM73B--472JT+1005		00D2473010900	2		
	R0111	nsp	RM73B--470JT +1005		00D2473005928	1		
	R0113	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0117	nsp	RM73B--470JT +1005		00D2473005928	1		
	R0118	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0123	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0124,0125	nsp	RM73B--472JT (1608) +1608		00D2472009909	2		
	R0126	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0128-0130	nsp	RM73B--330JT +1005		00D2473004987	3		
	R0141	nsp	MNR04=472(1005X4)		126210007557S	1		
	R0143-0146	nsp	MNR04=330(1005X4)		126210002538S	4		
	R0149	nsp	MNR04=820(1005X4)		126210003531S	1		
	R0150	nsp	MNR04=330(1005X4)		126210002538S	1		
	R0151	nsp	MNR04=472(1005X4)		126210007557S	1		
	R0152	nsp	MNR04=103(1005X4)		126210008536S	1		
	R0153	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0155,0156	nsp	MNR04=472(1005X4)		126210007557S	2		
	R0157-0160	nsp	MNR04=100(1005X4)		126210001511S	4		
	R0162-0168	nsp	RM73B--820JT		00D2473005986	7		
	R0169,0170	nsp	RM73B--100JT		00D2473003962	2		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R0175-0178	nsp	MNR04=560(1005X4)		126210002590S	4		
	R0179,0180	nsp	MNR04=330(1005X4)		126210002538S	2		
	R0181-0183	nsp	RM73B--472JT+1005		00D2473010900	3		
	R0184	nsp	MNR04=330(1005X4)		126210002538S	1		
	R0185	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0186	nsp	RM73B--560JT		00D2473005944	1		
	R0187	nsp	RM73B--820JT		00D2473005986	1		
	R0189	nsp	RM73B--820JT		00D2473005986	1		
	R0202	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0203	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R0205,0206	nsp	RM73B--330JT +1005		00D2473004987	2		
	R0207	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		
	R0208	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0209,0210	nsp	RM73B--472JT+1005		00D2473010900	2		
	R0211	nsp	RM73B--470JT +1005		00D2473005928	1		
	R0213	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0216	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0217	nsp	RM73B--470JT +1005		00D2473005928	1		
	R0218	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0223	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0224-0227	nsp	RM73B--330JT +1005		00D2473004987	4		
	R0228	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		
	R0241	nsp	MNR04=472(1005X4)		126210007557S	1		
	R0243-0246	nsp	MNR04=330(1005X4)		126210002538S	4		
	R0247,0248	nsp	RM73B--472JT+1005		00D2473010900	2		
	R0250	nsp	MNR04=330(1005X4)		126210002538S	1		
	R0251	nsp	MNR04=472(1005X4)		126210007557S	1		
	R0252	nsp	MNR04=103(1005X4)		126210008536S	1		
	R0253	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0255	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0256	nsp	MNR04=472(1005X4)		126210007557S	1		
	R0257-0260	nsp	MNR04=100(1005X4)		126210001511S	4		
	R0262-0266	nsp	RM73B--330JT +1005		00D2473004987	5		
	R0268	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0269,0270	nsp	RM73B--100JT		00D2473003962	2		
	R0273	nsp	MNR04=101(1005X4)		126210003555S	1		
	R0275-0278	nsp	MNR04=560(1005X4)		126210002590S	4		
	R0279,0280	nsp	MNR04=330(1005X4)		126210002538S	2		
	R0281	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0284	nsp	MNR04=330(1005X4)		126210002538S	1		
	R0285	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0288-0290	nsp	RM73B--330JT +1005		00D2473004987	3		
	R0291	nsp	RM73B--560JT		00D2473005944	1		
	R0292,0293	nsp	RM73B--820JT		00D2473005986	2		
	R0302	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0303	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R0305,0306	nsp	RM73B--330JT +1005		00D2473004987	2		
	R0307	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0308	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0309,0310	nsp	RM73B--472JT+1005		00D2473010900	2		
	R0311	nsp	RM73B--470JT +1005		00D2473005928	1		
	R0313	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0316	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0317	nsp	RM73B--470JT +1005		00D2473005928	1		
	R0318	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0321-0323	nsp	RM73B--472JT+1005		00D2473010900	3		
	R0324-0328	nsp	RM73B--330JT +1005		00D2473004987	5		
	R0330,0331	nsp	RM73B--330JT +1005		00D2473004987	2		
	R0341	nsp	MNR04=472(1005X4)		126210007557S	1		
	R0343-0346	nsp	MNR04=330(1005X4)		126210002538S	4		
	R0349,0350	nsp	MNR04=330(1005X4)		126210002538S	2		
	R0351	nsp	MNR04=472(1005X4)		126210007557S	1		
	R0352	nsp	MNR04=103(1005X4)		126210008536S	1		
	R0353	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0355	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0356	nsp	MNR04=472(1005X4)		126210007557S	1		
	R0357-0360	nsp	MNR04=100(1005X4)		126210001511S	4		
	R0361	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0363,0364	nsp	RM73B--330JT +1005		00D2473004987	2		
	R0365,0366	nsp	RM73B--100JT		00D2473003962	2		
	R0375-0378	nsp	MNR04=560(1005X4)		126210002590S	4		
	R0379	nsp	RM73B--560JT		00D2473005944	1		
	R0380	nsp	RM73B--820JT		00D2473005986	1		
	R0381	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0382	nsp	RM73B--820JT		00D2473005986	1		
	R0402	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0403	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R0405,0406	nsp	RM73B--330JT +1005		00D2473004987	2		
	R0407	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0408	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0409,0410	nsp	RM73B--472JT+1005		00D2473010900	2		
	R0411	nsp	RM73B--470JT +1005		00D2473005928	1		
	R0413	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0416	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0417	nsp	RM73B--470JT +1005		00D2473005928	1		
	R0418	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0421-0423	nsp	RM73B--472JT+1005		00D2473010900	3		
	R0424-0431	nsp	RM73B--330JT +1005		00D2473004987	8		
	R0441	nsp	MNR04=472(1005X4)		126210007557S	1		
	R0443-0446	nsp	MNR04=330(1005X4)		126210002538S	4		
	R0449,0450	nsp	MNR04=330(1005X4)		126210002538S	2		
	R0451	nsp	MNR04=472(1005X4)		126210007557S	1		
	R0452	nsp	MNR04=103(1005X4)		126210008536S	1		
	R0453	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0455	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0456	nsp	MNR04=472(1005X4)		126210007557S	1		
	R0457-0460	nsp	MNR04=100(1005X4)		126210001511S	4		
	R0461	nsp	RM73B--330JT +1005		00D2473004987	1		
	R0463,0464	nsp	RM73B--330JT +1005		00D2473004987	2		
	R0465,0466	nsp	RM73B--100JT		00D2473003962	2		
	R0475-0478	nsp	MNR04=560(1005X4)		126210002590S	4		
	R0479	nsp	RM73B--560JT		00D2473005944	1		
	R0481	nsp	RM73B--472JT+1005		00D2473010900	1		
	R0482,0483	nsp	RM73B--820JT		00D2473005986	2		
	R0602-0604	nsp	RM73B--0R0KT+1005		00D2473001906	3		
	R0611	nsp	RM73B--103JT +1005		00D2473010984	1		
	R0612	nsp	RM73B--102JT		00D2473008941	1		
	R0614	nsp	RM73B--103JT +1005		00D2473010984	1		
	R0616	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R0618	nsp	RM73B--103JT +1005		00D2473010984	1		
	R0621	nsp	RM73B--103JT +1005		00D2473010984	1		
	R0623-0626	nsp	RM73B--0R0KT+1005		00D2473001906	4		
	R0632	nsp	RM73B--100JT		00D2473003962	1		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R0645	nsp	MNR04=330(1005X4)		126210002538S	1		
	R0646	nsp	RM73B--103JT +1005		00D2473010984	1		
	R0648	nsp	RM73B--470JT +1005		00D2473005928	1		
	R0649,0650	nsp	RM73B--103JT +1005		00D2473010984	2		
	R0651-0654	nsp	RM73B--0R0KT+1005		00D2473001906	4		
	R0655,0656	nsp	RM73B--103JT +1005		00D2473010984	2		
	R0657	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R0658	nsp	MNR04=101(1005X4)		126210003555S	1		
	R0659,0660	nsp	RM73B--101JT+1005		00D2473006901	2		
	R0663,0664	nsp	RM73B--472JT+1005		00D2473010900	2		
	R0665	nsp	RM73B--155KT +1608		00D2472015906	1		
	R0666	nsp	RM73B--154DT(1608)		00D2472038925	1		
	R0667	nsp	RM73B--304DT(1608)		00D2472038996	1		
	R0670	nsp	RM73B--473JT+1005		00D2473012940	1		
	R0671	nsp	RM73B--100JT		00D2473003962	1		
	R0672	nsp	RM73B--105JT +1608		00D2472014965	1		
	R0673	nsp	RM73B--154DT(1608)		00D2472038925	1		
	R0674	nsp	RM73B--124DT(1608)		00D2472038909	1		
	R0677	nsp	RM73B--473JT+1005		00D2473012940	1		
	R0678	nsp	RM73B--100JT		00D2473003962	1		
	R0679	nsp	RM73B--184DT(1608)		00D2472038941	1		
	R0680	nsp	RM73B--154DT(1608)		00D2472038925	1		
	R0681	nsp	RM73B--104DT(1608)		00D2472037984	1		
	R0684	nsp	RM73B--473JT+1005		00D2473012940	1		
	R0685	nsp	RM73B--100JT		00D2473003962	1		
	R0686	nsp	RM73B--684JT +1608		00D2472014923	1		
	R0687	nsp	RM73B--154DT(1608)		00D2472038925	1		
	R0688	nsp	RM73B--473DT(1608)		00D2472037900	1		
	R0691	nsp	RM73B--473JT+1005		00D2473012940	1		
	R0692	nsp	RM73B--100JT		00D2473003962	1		
	R0698	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R0703-0705	nsp	RM73B--0R0KT+1005		00D2473001906	3		
	R0706-0709	nsp	RM73B--103JT +1005		00D2473010984	4		
	R0711,0712	nsp	RM73B--0R0KT+1005		00D2473001906	2		
	R0715-0722	nsp	RM73B--470JT +1005		00D2473005928	8		
	R1000	nsp	RM73B--681JT +1608		00D2472007901	1		
	R1001	nsp	RM73B--473JT+1005		00D2473012940	1		
	R1002	nsp	RM73B--101JT+1005		00D2473006901	1		
	R1004	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R1006	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R1021,1022	nsp	RM73B--103JT +1005		00D2473010984	2		
	R1023	nsp	RM73B--330JT +1005		00D2473004987	1		
	R1024,1025	nsp	RM73B--103JT +1005		00D2473010984	2		
	R1026	nsp	RM73B--332JT		00D2473009966	1		
	R1027	nsp	RM73B--472JT+1005		00D2473010900	1		
	R1028,1029	nsp	RM73B--101JT+1005		00D2473006901	2		
	R1030-1035	nsp	RM73B--330JT +1005		00D2473004987	6		
	R1036-1039	nsp	MNR04=330(1005X4)		126210002538S	4		
	R1201,1202	nsp	RM73B--330JT +1005		00D2473004987	2		
	R1203	nsp	MNR04=472(1005X4)		126210007557S	1		
	R1205	nsp	RM73B--101JT+1005		00D2473006901	1		
	R1206-1210	nsp	RM73B--330JT +1005		00D2473004987	5		
	R1211	nsp	RM73B--101JT+1005		00D2473006901	1		
	R1212	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R1214-1221	nsp	RM73B--330JT +1005		00D2473004987	8		
	R1223-1225	nsp	RM73B--101JT+1005		00D2473006901	3		
	R1227	nsp	RM73B--103JT +1005		00D2473010984	1		
	R1228	nsp	RM73B--102JT		00D2473008941	1		
	R1229-1231	nsp	RM73B--103JT +1005		00D2473010984	3		
	R1234	nsp	RM73B--103JT +1005		00D2473010984	1		
	R1236	nsp	RM73B--103JT +1005		00D2473010984	1		
	R1237	nsp	MNR04=330(1005X4)		126210002538S	1		
	R1238,1239	nsp	MNR04=101(1005X4)		126210003555S	2		
	R1243	nsp	RM73B--101JT+1005		00D2473006901	1		
	R1246-1254	nsp	MNR04=101(1005X4)		126210003555S	9		
	R1255-1257	nsp	RM73B--101JT+1005		00D2473006901	3		
	R1259	nsp	RM73B--101JT+1005		00D2473006901	1		
	R1261,1262	nsp	RM73B--101JT+1005		00D2473006901	2		
	R1263	nsp	MNR04=101(1005X4)		126210003555S	1		
	R1265-1268	nsp	RM73B--101JT+1005		00D2473006901	4		
	R1271,1272	nsp	RM73B--101JT+1005		00D2473006901	2		
	R1273	nsp	RM73B--103JT +1005		00D2473010984	1		
	R1274	nsp	RM73B--330JT +1005		00D2473004987	1		
	R1275	nsp	RM73B--101JT+1005		00D2473006901	1		
	R1276,1277	nsp	RM73B--220JT+1005		00D2473004945	2		
	R1901	nsp	RM73B--473JT+1005		00D2473012940	1		
	R1904	nsp	RM73B--154DT(1608)		00D2472038925	1		
	R1905	nsp	RM73B--473DT(1608)		00D2472037900	1		
	R1906	nsp	RM73B--684JT +1608		00D2472014923	1		
	R1907	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R1908	nsp	RM73B--330JT +1005		00D2473004987	1		
	R1909	nsp	RM73B--472JT+1005		00D2473010900	1		
	R1910	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R1911,1912	nsp	RM73B--100JT		00D2473003962	2		
	R1913	nsp	RM73B--473JT+1005		00D2473012940	1		
	R1916-1918	nsp	RM73B--154DT(1608)		00D2472038925	3		
	R1921	nsp	RM73B--103JT +1005		00D2473010984	1		
	R1922	nsp	RM73B--332JT		00D2473009966	1		
	R1926,1927	nsp	RM73B--105KT +1005		00D2473015963	2		
	R1928,1929	nsp	RM73B--470JT +1005		00D2473005928	2		
	R1930,1931	nsp	RM73B--152JT +1608		00D2472007985	2		
	R1932	nsp	RM73B--100JT		00D2473003962	1		
	R1933	nsp	RM73B--473JT+1005		00D2473012940	1		
	R1936-1938	nsp	RM73B--154DT(1608)		00D2472038925	3		
	R2000-2003	nsp	RM73B--471DT(1608)		122350001547S	4		
	R2014,2015	nsp	RM73B--103JT +1005		00D2473010984	2		
	R2016	nsp	RM73B--472JT+1005		00D2473010900	1		
	R2017-2020	nsp	RM73B--151DT(1608)		00D2472032976	4		
	R2021	nsp	RM73B--472JT+1005		00D2473010900	1		
	R2022-2025	nsp	RM73B--331DT(1608)		122350001530S	4		
	R2026,2027	nsp	RM73B--103JT +1005		00D2473010984	2		
	R2031	nsp	MNR04=100(1005X4)		126210001511S	1		
	R2032,2033	nsp	RM73B--103JT +1005		00D2473010984	2		
	R2034	nsp	RM73B--102JT		00D2473008941	1		
	R2039,2040	nsp	RM73B--473JT+1005		00D2473012940	2		
	R2041,2042	nsp	RM73B--330JT +1005		00D2473004987	2		
	R2050,2051	nsp	MNR04=472(1005X4)		126210007557S	2		
	R2052	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R2053	nsp	MNR04=472(1005X4)		126210007557S	1		
	R2054	nsp	MNR04=473(1005X4)		126210009591S	1		
	R2057,2058	nsp	MNR04=473(1005X4)		126210009591S	2		
	R2059-2061	nsp	MNR04=472(1005X4)		126210007557S	3		
	R2062-2064	nsp	RM73B--473JT+1005		00D2473012940	3		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R2065	nsp	RM73B--222JT		00D2473009924	1		
	R2069	nsp	RM73B--471DT(1608)		122350001547S	1		
	R2071	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2075,2076	nsp	RM73B--0R0KT+1005		00D2473001906	2		
	R2077	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2078,2079	nsp	RM73B--472JT+1005		00D2473010900	2		
	R2083-2085	nsp	RM73B--472JT+1005		00D2473010900	3		
	R2101-2103	nsp	RM73B--330JT +1005		00D2473004987	3		
	R2104	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2107	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2108-2110	nsp	RM73B--330JT +1005		00D2473004987	3		
	R2111	nsp	RM73B--473JT+1005		00D2473012940	1		
	R2112	nsp	MNR04=330(1005X4)		126210002538S	1		
	R2113	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2114	nsp	RM73B--330JT +1005		00D2473004987	1		
	R2115,2116	nsp	RM73B--100JT		00D2473003962	2		
	R2117,2118	nsp	RM73B--473JT+1005		00D2473012940	2		
	R2119-2122	nsp	RM73B--330JT +1005		00D2473004987	4		
	R2123,2124	nsp	RM73B--100JT		00D2473003962	2		
	R2126	nsp	RM73B--473JT+1005		00D2473012940	1		
	R2128,2129	nsp	RM73B--473JT+1005		00D2473012940	2		
	R2132	nsp	RM73B--472JT+1005		00D2473010900	1		
	R2133	nsp	RM73B--105KT +1005		00D2473015963	1		
	R2137	nsp	RM73B--473JT+1005		00D2473012940	1		
	R2138	nsp	RM73B--105KT +1005		00D2473015963	1		
	R2139	nsp	RM73B--224JT		00D2473014906	1		
	R2140	nsp	RM73B--104JT		00D2473013923	1		
	R2142	nsp	RM73B--330JT +1005		00D2473004987	1		
	R2143	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2144,2145	nsp	RM73B--472JT+1005		00D2473010900	2		
	R2146	nsp	RM73B--330JT +1005		00D2473004987	1		
	R2147	nsp	RM73B--472JT+1005		00D2473010900	1		
	R2148,2149	nsp	MNR04=330(1005X4)		126210002538S	2		
	R2150,2151	nsp	RM73B--103JT +1005		00D2473010984	2		
	R2152	nsp	RM73B--473JT+1005		00D2473012940	1		
	R2153,2154	nsp	RM73B--103JT +1005		00D2473010984	2		
	R2155-2157	nsp	RM73B--473JT+1005		00D2473012940	3		
	R2158	nsp	RM73B--223JT		00D2473011967	1		
	R2400-2402	nsp	RM73B--102JT		00D2473008941	3		
	R2403	nsp	MNR02=000(1005X2)		12625000450AS	1		
	R2404-2406	nsp	RM73B--103JT +1005		00D2473010984	3		
	R2407	nsp	EXC24CH900U		11341002150AS	1		
	R2408-2410	nsp	RM73B--473JT+1005		00D2473012940	3		
	R2411	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R2412-2414	nsp	RM73B--473JT+1005		00D2473012940	3		
	R2415	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R2416	nsp	RM73B--470JT +1005		00D2473005928	1		
	R2417-2419	nsp	RM73B--473JT+1005		00D2473012940	3		
	R2420,2421	nsp	RM73B--103JT +1005		00D2473010984	2		
	R2423	nsp	MNR02=000(1005X2)		12625000450AS	1		
	R2424	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R2425,2426	nsp	RM73B--0R0KT+1005		00D2473001906	2		
	R2427	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R2428,2429	nsp	RM73B--0R0KT+1005		00D2473001906	2		
	R2430	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R2431,2432	nsp	RM73B--0R0KT+1005		00D2473001906	2		
	R2433	nsp	MNR02=000(1005X2)		12625000450AS	1		
	R2435	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2436-2438	nsp	RM73B--473JT+1005		00D2473012940	3		
	R2439	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R2440	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2446	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2447	nsp	RM73B--473JT+1005		00D2473012940	1		
	R2448	nsp	RM73B--751JT +1005		00D2473008912	1		
	R2449	nsp	RM73B--332JT		00D2473009966	1		
	R2450-2452	nsp	RM73B--472JT+1005		00D2473010900	3		
	R2453	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R2455	nsp	RM73B--105JT +1608		00D2472014965	1		
	R2458	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2460,2461	nsp	RM73B--470JT +1005		00D2473005928	2		
	R2462	nsp	RM73B--102JT		00D2473008941	1		
	R2470	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2475-2478	nsp	RM73B--182JT		00D2473009908	4		
	R2480,2481	nsp	RM73B--511DT(1608)		00D2472034903	2		
	R2494	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R2602	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2604	nsp	RM73B--473JT+1005		00D2473012940	1		
	R2605	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2606,2607	nsp	RM73B--473JT+1005		00D2473012940	2		
	R2608,2609	nsp	RM73B--103JT +1005		00D2473010984	2		
	R2610,2611	nsp	RM73B--102JT		00D2473008941	2		
	R2612-2614	nsp	RM73B--103JT +1005		00D2473010984	3		
	R2615-2618	nsp	RM73B--473JT+1005		00D2473012940	4		
	R2619	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R2620,2621	nsp	RM73B--0R0KT+1005		00D2473001906	2		
	R2622	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R2623,2624	nsp	RM73B--0R0KT+1005		00D2473001906	2		
	R2625	nsp	RM73B--473JT+1005		00D2473012940	1		
	R2626	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R2628	nsp	RM73B--105JT +1608		00D2472014965	1		
	R2630,2631	nsp	RM73B--470JT +1005		00D2473005928	2		
	R2632,2633	nsp	RM73B--102JT		00D2473008941	2		
	R2634-2636	nsp	RM73B--103JT +1005		00D2473010984	3		
	R2637,2638	nsp	RM73B--182JT		00D2473009908	2		
	R2639	nsp	RM73B--473JT+1005		00D2473012940	1		
	R2640,2641	nsp	RM73B--182JT		00D2473009908	2		
	R2642,2643	nsp	RM73B--511DT(1608)		00D2472034903	2		
	R2644	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2654	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2655,2656	nsp	RM73B--473JT+1005		00D2473012940	2		
	R2659	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R2662,2663	nsp	RM73B--0R0KT+1005		00D2473001906	2		
	R2664	nsp	RM73B--473JT+1005		00D2473012940	1		
	R2669	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2670,2671	nsp	RM73B--473JT+1005		00D2473012940	2		
	R2672	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R2673	nsp	RM73B--473JT+1005		00D2473012940	1		
	R2674,2675	nsp	RM73B--0R0KT+1005		00D2473001906	2		
	R2689	nsp	RM73B--102JT		00D2473008941	1		
	R2804-2810	nsp	MNR04=100(1005X4)		126210001511S	7		
	R2811,2812	nsp	RM73B--100JT		00D2473003962	2		
	R2821	nsp	MNR04=470(1005X4)		126210002576S	1		
	R2822,2823	nsp	RM73B--470JT +1005		00D2473005928	2		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R2824-2828	nsp	MNR04=470(1005X4)		126210002576S	5		
	R2829,2830	nsp	RM73B--470JT +1005		00D2473005928	2		
	R2831-2839	nsp	MNR04=470(1005X4)		126210002576S	9		
	R2840,2841	nsp	RM73B--470JT +1005		00D2473005928	2		
	R2843	nsp	RM73B--470JT +1005		00D2473005928	1		
	R2847	nsp	RM73B--330JT +1005		00D2473004987	1		
	R2848	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2849	nsp	RM73B--470JT +1005		00D2473005928	1		
	R2850	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R2851,2852	nsp	RM73B--102DT(1608)		00D2472034974	2		
	R2856	nsp	RM73B--471DT(1608)		122350001547S	1		
	R2858	nsp	RM73B--471DT(1608)		122350001547S	1		
	R2861	nsp	RM73B--472JT+1005		00D2473010900	1		
	R2866	nsp	RM73B--272DT(1608)		00D2472035960	1		
	R2867	nsp	RM73B--181DT(1608)		00D2472032992	1		
	R2868	nsp	RM73B--272DT(1608)		00D2472035960	1		
	R2869	nsp	RM73B--181DT(1608)		00D2472032992	1		
	R2870-2872	nsp	RM73B--330JT +1005		00D2473004987	3		
	R2875	nsp	RM73B--102JT		00D2473008941	1		
	R2877	nsp	RM73B--103JT +1005		00D2473010984	1		
	R2879,2880	nsp	RM73B--103JT +1005		00D2473010984	2		
	R2883	nsp	RM73B--472JT+1005		00D2473010900	1		
	R2884	nsp	RM73B--470JT +1005		00D2473005928	1		
	R2888,2889	nsp	RM73B--472JT+1005		00D2473010900	2		
	R2898,2899	nsp	MNR04=472(1005X4)		126210007557S	2		
	R2900	nsp	RM73B--472JT+1005		00D2473010900	1		
	R2914	nsp	RM73B--472JT+1005		00D2473010900	1		
	R3014,3015	nsp	RM73B--103JT +1005		00D2473010984	2		
	R3016,3017	nsp	RM73B--102DT(1608)		00D2472034974	2		
	R3200,3201	nsp	MNR04=100(1005X4)		126210001511S	2		
	R3202	nsp	RM73B--220JT+1005		00D2473004945	1		
	R3203-3207	nsp	MNR04=100(1005X4)		126210001511S	5		
	R3208	nsp	MNR04=220(1005X4)		126210001597S	1		
	R3209	nsp	RM73B--220JT+1005		00D2473004945	1		
	R3210-3213	nsp	MNR04=100(1005X4)		126210001511S	4		
	R3214	nsp	RM73B--470JT +1005		00D2473005928	1		
	R3215,3216	nsp	RM73B--220JT+1005		00D2473004945	2		
	R3217	nsp	RM73B--0R0KT +2125		00D2470018905	1		
	R3218	nsp	MNR04=100(1005X4)		126210001511S	1		
	R3219	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R3220,3221	nsp	RM73B--220JT+1005		00D2473004945	2		
	R3224-3228	nsp	RM73B--100JT		00D2473003962	5		
	R3408,3409	nsp	RM73B--103JT +1005		00D2473010984	2		
	R3411	nsp	RM73B--102JT		00D2473008941	1		
	R3412	nsp	RM73B--103JT +1005		00D2473010984	1		
	R3413	nsp	RM73B--100JT +1608		00D2472002964	1		
	R3414	nsp	RM73B--473JT+1005		00D2473012940	1		
	R3415-3417	nsp	RM73B--100JT +1608		00D2472002964	3		
	R3418	nsp	RM73B--105JT +1608		00D2472014965	1		
	R3419,3420	nsp	RM73B--473JT+1005		00D2473012940	2		
	R3421	nsp	RM73B--100JT +1608		00D2472002964	1		
	R3422	nsp	RM73B--103JT +1005		00D2473010984	1		
	R3423	nsp	RM73B--473JT+1005		00D2473012940	1		
	R3424	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R3425	nsp	RM73B--470JT +1005		00D2473005928	1		
	R3426	nsp	RM73B--100JT +1608		00D2472002964	1		
	R3427	nsp	RM73B--470JT +1005		00D2473005928	1		
	R3428	nsp	RM73B--473JT+1005		00D2473012940	1		
	R3429-3432	nsp	RM73B--470JT +1005		00D2473005928	4		
	R3433-3437	nsp	MNR04=470(1005X4)		126210002576S	5		
	R3438,3439	nsp	RM73B--103JT +1005		00D2473010984	2		
	R3440	nsp	MNR04=470(1005X4)		126210002576S	1		
	R3441,3442	nsp	RM73B--100JT +1608		00D2472002964	2		
	R3443	nsp	RM73B--820JT		00D2473005986	1		
	R3445,3446	nsp	RM73B--511DT(1608)		00D2472034903	2		
	R3449	nsp	RM73B--101JT+1005		00D2473006901	1		
	R3450	nsp	MNR02=000(1005X2)		12625000450AS	1		
	R3451	nsp	EXC24CH900U		11341002150AS	1		
	R3452	nsp	MNR02=000(1005X2)		12625000450AS	1		
	R3453	nsp	EXC24CH900U		11341002150AS	1		
	R3454	nsp	RM73B--224JT		00D2473014906	1		
	R3455-3458	nsp	RM73B--0R0KT+1005		00D2473001906	4		
	R3459	nsp	RM73B--273JT		00D2473011983	1		
	R3460	nsp	MNR04=820(1005X4)		126210003531S	1		
	R3461,3462	nsp	RM73B--182JT		00D2473009908	2		
	R3463-3466	nsp	MNR02=000(1005X2)		12625000450AS	4		
	R3467	nsp	RM73B--122JT +1005		00D2473008967	1		
	R3468,3469	nsp	RM73B--182JT		00D2473009908	2		
	R3470	nsp	MNR04=101(1005X4)		126210003555S	1		
	R3471	nsp	RM73B--103JT +1005		00D2473010984	1		
	R3472	nsp	RM73B--104JT		00D2473013923	1		
	R3473	nsp	RM73B--332JT		00D2473009966	1		
	R3474,3475	nsp	RM73B--103JT +1005		00D2473010984	2		
	R3476	nsp	MNR04=820(1005X4)		126210003531S	1		
	R3477,3478	nsp	RM73B--0R0KT+1005		00D2473001906	2		
	R3479	nsp	MNR04=820(1005X4)		126210003531S	1		
	R3480	nsp	MNR04=100(1005X4)		126210001511S	1		
	R3481	nsp	RM73B--510DT(1608)		00D2472031977	1		
	R3482	nsp	MNR04=820(1005X4)		126210003531S	1		
	R3483	nsp	RM73B--820JT		00D2473005986	1		
	R3484	nsp	RM73B--510DT(1608)		00D2472031977	1		
	R3485	nsp	RM73B--103JT +1005		00D2473010984	1		
	R3486	nsp	RM73B--101JT+1005		00D2473006901	1		
	R3600	nsp	RM73B--473JT+1005		00D2473012940	1		
	R3601,3602	nsp	RM73B--103JT +1005		00D2473010984	2		
	R3603	nsp	RM73B--473JT+1005		00D2473012940	1		
	R3607	nsp	RM73B--473JT+1005		00D2473012940	1		
	R3608	nsp	RM73B--103JT +1005		00D2473010984	1		
	R3609	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R3618	nsp	RM73B--473JT +1608		00D2472011942	1		
	R3619	nsp	RM73B--332JT		00D2473009966	1		
	R3620	nsp	RM73B--154DT(1608)		00D2472038925	1		
	R3621	nsp	RM73B--473DT(1608)		00D2472037900	1		
	R3626	nsp	RM73B--154DT(1608)		00D2472038925	1		
	R3627	nsp	RM73B--124DT(1608)		00D2472038909	1		
	R3628	nsp	RM73B--684JT +1608		00D2472014923	1		
	R3631	nsp	RM73B--105JT +1608		00D2472014965	1		
	R3632-3634	nsp	RM73B--473JT+1005		00D2473012940	3		
	R3641	nsp	RM73B--154DT(1608)		00D2472038925	1		
	R3642	nsp	RM73B--474DT(1608)		00D2472039940	1		
	R3643	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R3644	nsp	RM73B--154DT(1608)		00D2472038925	1		
	R3645	nsp	RM73B--474DT(1608)		00D2472039940	1		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R3646	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R3647	nsp	RM73B--154DT(1608)		00D2472038925	1		
	R3648	nsp	RM73B--474DT(1608)		00D2472039940	1		
	R3649	nsp	RM73B--0R0KT +1608		00D2472018903	1		
	R3650-3652	nsp	RM73B--434DT(1608)		00D2472039937	3		
	R3653-3656	nsp	RM73B--100JT		00D2473003962	4		
	R3659	nsp	RM73B--100JT		00D2473003962	1		
	R5000	nsp	RM73B--102JT		00D2473008941	1		
	R5005	nsp	MNR04=103(1005X4)		126210008536S	1		
	R5006	nsp	RM73B--0R0KT +1608	F	00D2472018903	1		
	R5008	nsp	MNR04=103(1005X4)		126210008536S	1		
	R5009	nsp	MNR04=330(1005X4)		126210002538S	1		
	R5010,5011	nsp	RM73B--102JT		00D2473008941	2		
	R5012	nsp	RM73B--103JT +1005		00D2473010984	1		
	R5013	nsp	RM73B--0R0KT +1608	N	00D2472018903	1		
	R5014	nsp	RM73B--0R0KT +1608	U	00D2472018903	1		
	R5015,5016	nsp	RM73B--330JT +1005		00D2473004987	2		
	R5017	nsp	MNR04=330(1005X4)		126210002538S	1		
	R5018	nsp	RM73B--472JT+1005		00D2473010900	1		
	R5020	nsp	RM73B--472JT+1005		00D2473010900	1		
	R5021	nsp	RM73B--103JT +1005		00D2473010984	1		
	R5022	nsp	MNR04=472(1005X4)		126210007557S	1		
	R5023,5024	nsp	RM73B--330JT +1005		00D2473004987	2		
	R5025	nsp	RM73B--472JT+1005		00D2473010900	1		
	R5026	nsp	MNR04=330(1005X4)		126210002538S	1		
	R5028	nsp	RM73B--330JT +1005		00D2473004987	1		
	R5029	nsp	RM73B--103JT +1005		00D2473010984	1		
	R5030-5033	nsp	RM73B--330JT +1005		00D2473004987	4		
	R5034,5035	nsp	RM73B--472JT+1005		00D2473010900	2		
	R5036-5042	nsp	RM73B--330JT +1005		00D2473004987	7		
	R5043	nsp	MNR04=330(1005X4)		126210002538S	1		
	R5044-5046	nsp	RM73B--330JT +1005		00D2473004987	3		
	R5047-5053	nsp	RM73B--105KT +1005		00D2473015963	7		
	R5054	nsp	RM73B--472JT+1005		00D2473010900	1		
	R5055	nsp	RM73B--103JT +1005		00D2473010984	1		
	R5056,5057	nsp	RM73B--101JT+1005		00D2473006901	2		
	R5058	nsp	RM73B--332JT		00D2473009966	1		
	R5059-5063	nsp	RM73B--101JT+1005		00D2473006901	5		
	R5064	nsp	RM73B--103JT +1005		00D2473010984	1		
	R5065	nsp	RM73B--104JT		00D2473013923	1		
	R5066,5067	nsp	RM73B--103JT +1005		00D2473010984	2		
	R5068	nsp	RM73B--472JT+1005		00D2473010900	1		
	R5069	nsp	RM73B--473JT+1005		00D2473012940	1		
	R5070	nsp	RM73B--104JT		00D2473013923	1		
	R5071	nsp	RM73B--101JT+1005		00D2473006901	1		
	R5072-5074	nsp	RM73B--472JT+1005		00D2473010900	3		
	R5076	nsp	RM73B--103JT +1005		00D2473010984	1		
	R5077	nsp	RM73B--472JT+1005		00D2473010900	1		
	R5080	nsp	RM73B--103JT +1005		00D2473010984	1		
	R5083,5084	nsp	RM73B--472JT+1005		00D2473010900	2		
	R5086	nsp	RM73B--0R0KT +2125		00D2470018905	1		
	R6000	nsp	MNR04=101(1005X4)		126210003555S	1		
	CAPACIITORS GROUP							
	C0105	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0106	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0107	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0108	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0109	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0110	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0114	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0115	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0117	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0118	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0119	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0120	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0121	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0122	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0124	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0125	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0129	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0130,0131	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0132	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0135	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0136	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0139	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0140	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0145	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0146,0147	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0148,0149	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0150	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0151	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0152	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0155	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0156	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0163,0164	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0165	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0166	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0167,0168	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0170	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0171	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0179	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0180	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0181	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0182,0183	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0185,0186	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0190	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0191-0193	nsp	CK73B1H102KT +1005		00D2575006993	3		
	C0194	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0195	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0202	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0203	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0204	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0205	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0206,0207	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0208-0210	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C0211,0212	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0213,0214	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0215	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0216	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0217	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0218	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0219,0220	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0221,0222	nsp	CK73B1A104KT +1005		00D2575008933	2		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	C0223	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0225	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0226	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0228	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0229,0230	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0231,0232	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0233	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0234	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0235	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0236	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0237-0239	nsp	CK73B1H102KT +1005		00D2575006993	3		
	C0240	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0241	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0242	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0243,0244	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0245	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0246	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0247-0250	nsp	CK73B1A104KT +1005		00D2575008933	4		
	C0251,0252	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0253,0254	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0255	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0256	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0257,0258	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0302	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0303	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0304	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0305	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0306,0307	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0308-0310	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C0311,0312	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0313,0314	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0315	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0316	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0317	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0318	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0319,0320	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0321,0322	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0323	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0325	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0326	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0328	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0329,0330	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0331,0332	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0333	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0334	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0335	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0336	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0337-0339	nsp	CK73B1H102KT +1005		00D2575006993	3		
	C0340	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0341	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0342	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0343,0344	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0345	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0346	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0347-0350	nsp	CK73B1A104KT +1005		00D2575008933	4		
	C0351,0352	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0353,0354	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0355	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0356	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0357,0358	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0402	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0403	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0404	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0405	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0406,0407	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0408-0410	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C0411,0412	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0413,0414	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0415	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0416	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0417	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0418	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0419,0420	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0421,0422	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0423	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0425	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0426	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0428	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0429,0430	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0431,0432	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0433	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0434	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0435	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0436	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0437-0439	nsp	CK73B1H102KT +1005		00D2575006993	3		
	C0440	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0441	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0442	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0443,0444	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0445	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0446	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0447-0450	nsp	CK73B1A104KT +1005		00D2575008933	4		
	C0451,0452	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0453,0454	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0455	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0456	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0457,0458	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0609	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C0610-0613	nsp	CK73B1A104KT +1005		00D2575008933	4		
	C0616	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0617,0618	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C0619	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0620-0623	nsp	CK73X5R0J106MT(2125)		132450038507S	4		
	C0624	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0625,0626	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C0627	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0628	nsp	RM73B--103JT +2125		00D2470009985	1		
	C0629	nsp	CC73CH1H100DT +1005		00D2575002926	1		
	C0630,0631	nsp	CK73X5R0J106MT(2125)		132450038507S	2		
	C0632	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0633	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C0634	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C0637	nsp	CK73B1A104KT +1005		00D2575008933	1		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	C0638	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0639	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0640	nsp	RM73B--103JT +2125		00D2470009985	1		
	C0641	nsp	CC73CH1H100DT +1005		00D2575002926	1		
	C0642,0643	nsp	CK73X5R0J106MT(2125)		132450038507S	2		
	C0644	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0645	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C0646	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C0649	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0650	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0651	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0652	nsp	RM73B--103JT +2125		00D2470009985	1		
	C0653	nsp	CC73CH1H100DT +1005		00D2575002926	1		
	C0654,0655	nsp	CK73X5R0J106MT(2125)		132450038507S	2		
	C0656	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0657	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C0658	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C0661	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0662	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C0663	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0664	nsp	RM73B--103JT +2125		00D2470009985	1		
	C0665	nsp	CC73CH1H100DT +1005		00D2575002926	1		
	C0666,0667	nsp	CK73X5R0J106MT(2125)		132450038507S	2		
	C0668	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0669	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C0670	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C0673	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0675	nsp	CK73B1E223KT +1608		00D2570516909	1		
	C1000	nsp	CK73B1E683KT(1608) +1608		00D2570518907	1		
	C1001	nsp	CK73B1H472KT +1608		00D2570510934	1		
	C1009,1010	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C1011	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C1012,1013	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C1014,1015	nsp	CK73B1E223KT +1608		00D2570516909	2		
	C1016	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C1018	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1022-1024	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C1025	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C1201	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C1202	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1203	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C1204-1208	nsp	CK73B1A104KT +1005		00D2575008933	5		
	C1209	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C1210-1212	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C1213	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C1214-1216	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C1217,1218	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C1219	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C1220	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1221,1222	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C1225	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C1226	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1227-1229	nsp	CK73B1H102KT +1005		00D2575006993	3		
	C1230	nsp	CC73CH1H101JT +1005		00D2575004966	1		
	C1231	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C1232	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1813	00D2544601934	CE67W0J101MT(P.CAP) +REF		00D2544601934	1		
	C1817	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1818	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C1819	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1820	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C1901	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1904	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C1905	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C1906	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1907,1908	nsp	CK73X5R0J106MT(2125)		132450038507S	2		
	C1909	nsp	CC73CH1H100DT +1005		00D2575002926	1		
	C1910	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1911	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C1912,1913	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C1916	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C1917	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C1918	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1919,1920	nsp	CK73X5R0J106MT(2125)		132450038507S	2		
	C1921	nsp	CC73CH1H100DT +1005		00D2575002926	1		
	C1922	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1923	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C1924	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C1927	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C1928	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C1931-1933	nsp	CK73B1H102KT +1608		00D2570509929	3		
	C1936	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1937	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C1938,1939	nsp	CK73B1H102KT +1608		00D2570509929	2		
	C1940	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1943	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C1944	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C1945	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1946,1947	nsp	CK73X5R0J106MT(2125)		132450038507S	2		
	C1948	nsp	CC73CH1H100DT +1005		00D2575002926	1		
	C1949	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C1950	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C1951-1953	nsp	CK73B1H102KT +1608		00D2570509929	3		
	C2000-2002	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C2003	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2004-2007	nsp	CK73B1A104KT +1005		00D2575008933	4		
	C2010	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2012-2022	nsp	CK73B1A104KT +1005		00D2575008933	11		
	C2023	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2024-2027	nsp	CK73B1A104KT +1005		00D2575008933	4		
	C2028	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2029,2030	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2031,2032	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C2033,2034	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2035	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2036	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2037	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2038-2040	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C2041,2042	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C2043-2045	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C2046	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2047	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2048-2050	nsp	CK73B1A104KT +1005		00D2575008933	3		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	C2051	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2052	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2053,2054	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2055	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2056	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2057	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2058	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2059,2060	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C2061,2062	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2063,2064	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C2066	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2067	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2068	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2069,2070	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2071	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2072,2073	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2074	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2075	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2076	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2077	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2078	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2079	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2080	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2081	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2082,2083	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2084	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2085-2091	nsp	CK73B1A104KT +1005		00D2575008933	7		
	C2092	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2093,2094	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2095-2105	nsp	CK73B1H102KT +1005		00D2575006993	11		
	C2106	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2107	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2108	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2109	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2110	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2111	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2112	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2113-2116	nsp	CK73B1H102KT +1005		00D2575006993	4		
	C2117	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2118	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2119	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2120	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2121	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2122	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2123	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2124,2125	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C2127	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2128-2131	nsp	CK73B0J475KT +1608		00D2570522906	4		
	C2132	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C2136	nsp	CC73CH1H8R0DT +1608		00D2570503909	1		
	C2137	nsp	CC73CH1H100DT +1608		00D2570503925	1		
	C2138	nsp	CK73B1A105KT +1608		00D2570521907	1		
	C2139,2140	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2181,2182	nsp	CC73CH1H6R0DT +1608		00D2570502984	2		
	C2183	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2184	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2185	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2186	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2187	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2188	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2189	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2191,2192	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2193	nsp	CK73B1H221KT +1005		00D2575006919	1		
	C2194,2195	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2400-2402	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C2403	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2404-2409	nsp	CK73B1A104KT +1005		00D2575008933	6		
	C2411	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2412	nsp	CC73CH1H120JT +1608		00D2570503941	1		
	C2413	nsp	CC73CH1H100DT +1608		00D2570503925	1		
	C2414-2417	nsp	CK73B1A104KT +1005		00D2575008933	4		
	C2418	nsp	CK73B1A105KT +1608		00D2570521907	1		
	C2419	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2420	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2421-2423	nsp	CK73B1A105KT +1608		00D2570521907	3		
	C2424-2438	nsp	CK73B1A104KT +1005		00D2575008933	15		
	C2446	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2452	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2454	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2459	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2461	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2465	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2468	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2471-2480	nsp	CK73B0J475KT +1608		00D2570522906	10		
	C2481-2491	nsp	CK73B1A104KT +1005		00D2575008933	11		
	C2600,2601	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2604-2612	nsp	CK73B1A104KT +1005		00D2575008933	9		
	C2613	nsp	CC73CH1H120JT +1608		00D2570503941	1		
	C2614	nsp	CC73CH1H100DT +1608		00D2570503925	1		
	C2615-2621	nsp	CK73B1A104KT +1005		00D2575008933	7		
	C2622	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2623-2643	nsp	CK73B1A104KT +1005		00D2575008933	21		
	C2651	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2652	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2657	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2658	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2664	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2665	nsp	CK73B1A105KT +1608		00D2570521907	1		
	C2670	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2673	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2676-2684	nsp	CK73B0J475KT +1608		00D2570522906	9		
	C2685	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2686,2687	nsp	CK73B0J475KT +1608		00D2570522906	2		
	C2688,2689	nsp	CK73B1A105KT +1608		00D2570521907	2		
	C2690	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2691	nsp	CK73B1A105KT +1608		00D2570521907	1		
	C2805,2806	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2807	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2808-2811	nsp	CK73B1A104KT +1005		00D2575008933	4		
	C2812	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2813-2824	nsp	CK73B1A104KT +1005		00D2575008933	12		
	C2825-2832	nsp	CK73B1E103KT(1005)		00D2575008946	8		
	C2833	nsp	CK73B0J475KT +1608		00D2570522906	1		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	C2834	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2835	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C2838	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2842,2843	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2845	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C2847	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2849,2850	nsp	CK73B1E103KT(1005)		00D2575008946	2		
	C2851-2853	nsp	CK73B0J475KT +1608		00D2570522906	3		
	C2854	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2855	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2856	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C2857-2859	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C2860,2861	nsp	CK73B1E103KT(1005)		00D2575008946	2		
	C2863	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2864	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2865	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C2866	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2869,2870	nsp	CK73B0J475KT +1608		00D2570522906	2		
	C2871-2873	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C2874,2875	nsp	CK73B1E103KT(1005)		00D2575008946	2		
	C2876	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2877,2878	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2879,2880	nsp	CK73B1E103KT(1005)		00D2575008946	2		
	C2881	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C2883	nsp	CC73CH1H330JT +1005		00D2575003941	1		
	C2891	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2892	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2893	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2894,2895	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C2896	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C2897	nsp	CK73B1A154KT +1608		00D2570520908	1		
	C2898	nsp	CK73B1H123KT +1608		00D2570501914	1		
	C2899	nsp	CK73B1A154KT +1608		00D2570520908	1		
	C2900	nsp	CK73B1H123KT +1608		00D2570501914	1		
	C2901	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2902	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C2904	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2905	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C2906	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2907	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C2909	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C2911	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C2912	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C2914	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C2916	nsp	CC73CH1H8R0DT +1608		00D2570503909	1		
	C2917	nsp	CC73CH1H100DT +1608		00D2570503925	1		
	C2918,2919	nsp	CK73B1E103KT(1005)		00D2575008946	2		
	C3000	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C3001-3016	nsp	CK73B1A104KT +1005		00D2575008933	16		
	C3017-3024	nsp	CK73B1H102KT +1005		00D2575006993	8		
	C3025	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C3026-3041	nsp	CK73B1A104KT +1005		00D2575008933	16		
	C3042-3049	nsp	CK73B1H102KT +1005		00D2575006993	8		
	C3050	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3052	nsp	CK73B1A105KT +1608		00D2570521907	1		
	C3200	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C3201	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3202	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C3203-3207	nsp	CK73B1A104KT +1005		00D2575008933	5		
	C3209	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3211	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3213-3215	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C3216-3221	nsp	CK73B1H102KT +1005		00D2575006993	6		
	C3400-3403	nsp	CK73B0J475KT +1608		00D2570522906	4		
	C3404,3405	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C3406	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C3410	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C3413	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C3416	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C3419-3421	nsp	CK73B0J475KT +1608		00D2570522906	3		
	C3434	nsp	CC73CH1H120JT +1608		00D2570503941	1		
	C3435	nsp	CC73CH1H100DT +1608		00D2570503925	1		
	C3436-3447	nsp	CK73B1A104KT +1005		00D2575008933	12		
	C3448,3449	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C3450	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3451,3452	nsp	CK73B1H102KT +1005		00D2575006993	2		
	C3453-3470	nsp	CK73B1A104KT +1005		00D2575008933	18		
	C3471	nsp	CK73B1A105KT +1608		00D2570521907	1		
	C3472,3473	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C3476	nsp	CK73B1A105KT +1608		00D2570521907	1		
	C3477	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3478	nsp	CK73B1A105KT +1608		00D2570521907	1		
	C3479	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3480	nsp	CK73B1A105KT +1608		00D2570521907	1		
	C3481-3483	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C3484-3486	nsp	CK73B1H102KT +1005		00D2575006993	3		
	C3488	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3489	nsp	CK73B1A105KT +1608		00D2570521907	1		
	C3492	nsp	CK73B1A105KT +1608		00D2570521907	1		
	C3494	nsp	CK73B1A105KT +1608		00D2570521907	1		
	C3497-3499	nsp	CK73B0J475KT +1608		00D2570522906	3		
	C3505	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3600-3603	nsp	CK73B1A104KT +1005		00D2575008933	4		
	C3605,3606	nsp	CK73B1A105KT +1608		00D2570521907	2		
	C3612	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C3613	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3614	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C3615	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C3616	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C3619	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C3620	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3623	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3624	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C3627	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C3629	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C3631	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3633	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C3634	nsp	CC73CH1H100DT +1005		00D2575002926	1		
	C3637	nsp	CC73CH1H100DT +1005		00D2575002926	1		
	C3642	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3645	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3646	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C3649	nsp	CK73B1H102KT +1005		00D2575006993	1		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	C3650-3652	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C3659-3661	nsp	CK73X5R0J106MT(2125)		132450038507S	3		
	C3662-3664	nsp	CK73B1E103KT(1005)		00D2575008946	3		
	C3665-3667	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C3668-3673	nsp	CK73X5R0J106MT(2125)		132450038507S	6		
	C3674-3676	nsp	CC73CH1H100DT +1005		00D2575002926	3		
	C3679-3681	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C3682-3684	nsp	CK73B1H102KT +1005		00D2575006993	3		
	C3700,3701	nsp	CK73B0J475KT +1608		00D2570522906	2		
	C5001	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C5002,5003	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C5004	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C5005	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C5006-5008	nsp	CK73B1H102KT +1005		00D2575006993	3		
	C5009,5010	nsp	CK73B1A104KT +1005		00D2575008933	2		
	C5011,5012	nsp	CC73CH1H8R0DT +1608		00D2570503909	2		
	C5013-5024	nsp	CK73B1A104KT +1005		00D2575008933	12		
	C5025	nsp	CK73B1H153KT +1608		00D2570501927	1		
	C5026-5028	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C5029	nsp	CK73B1A105KT +1608		00D2570521907	1		
	C5030	nsp	CK73B1H102KT +1005		00D2575006993	1		
	C5031	nsp	CK73B0J475KT +1608		00D2570522906	1		
	C5032	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C5034	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C5036	nsp	CK73B1E104KT +1608		00D2570516954	1		
	C5037	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C9500-9508	00D2544601934	CE67W0J101MT(P.CAP) +REF		00D2544601934	9		
	C9510-9513	00D2544601934	CE67W0J101MT(P.CAP) +REF		00D2544601934	4		
	OTHER PARTS GROUP							
	B0602	nsp	M3 SCREW TERMINAL H=7		44431050800AD	1		
	B1801	nsp	M3 SCREW TERMINAL		00D2051034007	1		
	L0101-0104	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	4		
	L0106	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	1		
	L0201-0204	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	4		
	L0206	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	1		
	L0301-0304	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	4		
	L0306	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	1		
	L0401-0404	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	4		
	L0406	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	1		
	L0601,0602	113410001506S	DLW21SN900HQ2L		113410001506S	2		
	L0603	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L0605	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L0607	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L0609	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L0611	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L0613	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L0615	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L0617	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L1201	nsp	CHIP EMIFIL(11A121) +1608		00D2350130903	1		
	L1801-1805	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	5		
	L1901	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L1903-1905	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	3		
	L1907-1909	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	3		
	L1911,1912	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	2		
	L2000-2012	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	13		
	L2400-2407	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	8		
	L2600-2607	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	8		
	L2801-2808	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	8		
	L2810	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L2812,2813	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	2		
	L2815-2817	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	3		
	L3000	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L3400-3406	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	7		
	L3408	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L3600	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L3602	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L3606	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L3608	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L3614	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L3616	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L3618	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L3620	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L3622	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L3624	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L3626	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L5001	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	N0601	64301022520AS	RJ45-CONN (RJ051-FD08M3B1A15)		64301022520AS	1		
	N0602,0603	nsp	B5B-PH-K-S (LF)(SN)		00MYJ06006250	2		
	N0604	nsp	11P SOCKET(C125Z2)		645010057000S	1		
	N0606	nsp	7P FFC BASE(9610SC)		00D2051343950	1		
	N0607,0608	nsp	64P(S1210-64SVB-S01-1R)		64501020150AS	2		
	N0609	nsp	7P FFC BASE(9610SC)		00D2051343950	1		
	N1001	nsp	33P SOCKET(C125Z2)		645010057093S	1		
	N1804	nsp	33P SOCKET(C125Z2)		645010057093S	1		
	N1805	nsp	21P SOCKET(C125Z2)		645010057055S	1		
	N1806	nsp	19P SOCKET(C125Z2)		645010057048S	1		
	N1807	nsp	19P FFC BASE(9610SC)		00D2051313951	1		
	N1808	nsp	BASE POST 6P S6B-EH NICHIATSU		00MYP06011860	1		
	N2400-2402	64401030161AS	A0D7ABAR1990		64401030161AS	3		
	N2600,2601	64401030161AS	A0D7ABAR1990		64401030161AS	2		
	N2603	64401030161AS	A0D7ABAR1990		64401030161AS	1		
	N2700	64401030161AS	A0D7ABAR1990		64401030161AS	1		
	N2800	nsp	7P FFC BASE(9610SC)		00D2051343950	1		
	N3401,3402	64401030161AS	A0D7ABAR1990		64401030161AS	2		
	N3403	nsp	25P FFC.BASE(9610SCA +REF		00D2051313906	1		
	N5002	nsp	11P FFC BASE(9610SCA		00D2051343905	1		
	N5003	nsp	17P SOCKET(C125Z2)		645010057031S	1		
	N5004	nsp	19P SOCKET(C125Z2)		645010057048S	1		
	N5007	nsp	40FMN-BMTTR-A-TBT(LF)(SN)		645010076506S	1		
	N5008	nsp	S8B-PH-K-S (LF)(SN)		00MYJ06006480	1		
	N5009	nsp	S7B-PH-K-S (LF)(SN)		00MYJ06006470	1		
	N5010	64401030161AS	A0D7ABAR1990		64401030161AS	1		
	S0601	00D2121204903	SLIDE SW(SSSS820201)		00D2121204903	1		
	X2000	14181006950AS	TXC 7V(27MHZ)		14181006950AS	1		
	X2101	14181006550AS	TXC 7V(12MHZ)		14181006550AS	1		
	X2400	14181006950AS	TXC 7V(27MHZ)		14181006950AS	1		
	X2601	14181006950AS	TXC 7V(27MHZ)		14181006950AS	1		
	X2800	14181006950AS	TXC 7V(27MHZ)		14181006950AS	1		
	X3400	14181006950AS	TXC 7V(27MHZ)		14181006950AS	1		
	X5001	14181006550AS	TXC 7V(12MHZ)		14181006550AS	1		
	Z0001	nsp	STYLE PIN		00D2050452017	1		

DIGITAL for AV8802A PCB ASS'Y

※Parts indicated by "nsp"on this table cannot be supplied.

※The parts listed below are only for maintenance. Therefore they might differ from the parts used in the unit in appearances or dimensions

NOTE:The symbols in the column Remarks indicate the following destinations.

U : North America model N : Europe model K : China model F : Japan model

B : Black model SG : Silver Gold model

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	SEMICONDUCTORS GROUP							
	D2419	00D2760683930	UDZS5.1B-TE17 +C		00D2760683930	1		3
	D2448	00D2760750902	RB521S-30TE61 +REF		00D2760750902	1		3
	D3404	00D2760794900	KDS160-RTK/P		00D2760794900	1		3
	D3409,3410	00D2760683930	UDZS5.1B-TE17 +C		00D2760683930	2		3
	D3413	25131010150AS	NV73A1JTTE8.2		25131010150AS	1		3
	D5001-5003	00D2760794900	KDS160-RTK/P		00D2760794900	3		3
	Q0605,0606	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	2		3
	Q1001,1002	00D2690144905	DTC114YKA-T146 +C		00D2690144905	2		3
	Q1906	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	1		3
	Q1907	00MBA2000199Y	KRC404E-RTK KEC STANDARD		00MBA2000199Y	1		3
	Q1908	211850008504S	2SA2018TL		211850008504S	1		3
	Q1909	00D2750110905	HN1K02FU-TE85L		00D2750110905	1		3
	Q2101,2102	213850009503S	2SC4617EBTLR		213850009503S	2		3
	Q2103	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	1		3
	Q2105	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	1		3
	Q2400-2402	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	3		3
	Q2404-2406	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	3		3
	Q2408-2410	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	3		3
	Q2600-2607	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	8		3
	Q3402	00D2740195901	2SD2114KT196 +C		00D2740195901	1		3
	Q3601	211850008504S	2SA2018TL		211850008504S	1		3
	Q3603,3604	00MBA2000199Y	KRC404E-RTK KEC STANDARD		00MBA2000199Y	2		3
	Q3605	00D2757001907	FDC608PZ		00D2757001907	1		3
	Q5001	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	1		3
	Q5002	211850008504S	2SA2018TL		211850008504S	1		3
	Q5003	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	1		3
	Q5004	00D2757001907	FDC608PZ		00D2757001907	1		3
	Q5005	213850009503S	2SC4617EBTLR		213850009503S	1		3
	Q5006-5008	00MBA2000399Y	KRC402E-RTK KEC		00MBA2000399Y	3		3
	Q5009	211850008504S	2SA2018TL		211850008504S	1		3
	U0101	24581010064AD	ADSP-21487KSWZ-4B(3070-1)		24581010064AD	1		3
	U0102	-	MX25L1606EM2I-12G		24681009160AS	1		3
	└U0102	9R2481025500S	DSP1 ROM SUB ASSY		-	1		3
	U0103	24681008960AS	A3V56S40GTP-60		24681008960AS	1		3
	U0201	24581010065AD	ADSP-21487KSWZ-4B(3070-2)		24581010065AD	1		3
	U0202	-	MX25L1606EM2I-12G		24681009160AS	1		3
	└U0202	9R2481025600S	DSP2 ROM SUB ASSY		-	1		3
	U0203	24681008960AS	A3V56S40GTP-60		24681008960AS	1		3
	U0301	24581010066AD	ADSP-21487KSWZ-4B(3070-3)		24581010066AD	1		3
	U0302	-	MX25L1606EM2I-12G		24681009160AS	1		3
	└U0302	9R2481025700S	DSP3 ROM SUB ASSY		-	1		3
	U0303	24681008960AS	A3V56S40GTP-60		24681008960AS	1		3
	U0401	24581010067AD	ADSP-21487KSWZ-4B(3070-4)		24581010067AD	1		3
	U0402	24681009160AS	MX25L1606EM2I-12G		24681009160AS	1		3
	└U0402	9R2481030200S	DSP4 ROM SUB ASSY		-	1		3
	U0403	24681008960AS	A3V56S40GTP-60		24681008960AS	1		3
	U0601	236810071503S	NLAS7222CMUTBG		236810071503S	1		3
	U0602	24681009260AS	MX25L25635FMI-10G		24681009260AS	1		3
	U0603,0604	23681012650AS	NCP380HMU21AATBG		23681012650AS	2		3
	U0606	00D2623444902	TC74VHC08FT		00D2623444902	1		3
	U0607	23671011050AS	MFI337S3959 IPOD COPROCESSOR 2.0C CLASS6		23671011050AS	1		3
	U0608-0611	23681050160AS	EN5339QI		23681050160AS	4	*	3
	U1000	23681014050AS	PCM9211		23681014050AS	1		3
	U1004,1005	23681016350AS	LC89091JA		23681016350AS	2		3
	U1201	23681011960AS	5M570ZF256C5N		23681011960AS	1		3
	U1202	23171011751AS	NJM2845DL1-18		23171011751AS	1		3
	U1203	236810083506S	CS2100-10-CZZR		236810083506S	1		3
	U1205	236810012504S	FCXO-05B(24.576MHz)		236810012504S	1		3
	U1206	14181010150AS	TXC 8W(25.000MHZ)		14181010150AS	1		3
	U1901,1902	231810089509S	EX3AV		231810089509S	2		3
	U1903	00D2623436907	TC74VHC244FT		00D2623436907	1		3
	U1904	23381001250AS	SN74AHCU04PWR		23381001250AS	1		3
	U1905	23171011750AS	NJM2845DL1-33		23171011750AS	1		3
	U1906	231810089509S	EX3AV		231810089509S	1		3
	U2000	23681012760AS	ADV7850KBCZ-5		23681012760AS	1		3
	U2101	-	R5F5210ABDFP		24181004160AS	1		3
	└U2101	9R2431023500S	SUB CPU SUB ASSY(AV8802A)		-	1	*	3
	U2400	23381001350AS	SN74CBT3251PWR		23381001350AS	1		3
	U2401	23681050460AS	MN864788		23681050460AS	1	*	3
	U2601	23681050460AS	MN864788		23681050460AS	1	*	3
	U2800	23681016160AS	AD55/058Z-0(ADV8003-8B)		23681016160AS	1		3
	U2801	-	MX25L12835FMI-10G		24681008460AS	1		3
	└U2801	9R2431023100S	GUI ROM SUB ASSY(AV8802/U/N/F)	U, N, F	-	1		3
	└U2801	9R2431023101S	GUI ROM SUB ASSY(AV8802/K)	K	-	1	*	3
	U3000,3001	24681020160AS	A3R12E40CBF-8E		24681020160AS	2		3
	U3200	26381020260AS	EPM570F256C4N		26381020260AS	1		3
	U3401	23681050360AS	MN864787		23681050360AS	1	*	3
	U3600	231810089509S	EX3AV		231810089509S	1		3
	U3601	23681013550AS	NCP380HMUAJAATBG		23681013550AS	1		3
	U3603-3606	231810089509S	EX3AV		231810089509S	4		3
	U5001	-	R5F56108VNFP		24181003860AS	1		3
	└U5001	9R2431023400S	MAIN CPU SUB ASSY(AV8802A)		-	1	*	3
	U5002	24681009350AS	R1EX24256BSAS0I		24681009350AS	1		3
	U5003	23981007450AS	PST8448(SC-82AB)		23981007450AS	1		3
	U5004	23171011750AS	NJM2845DL1-33		23171011750AS	1		3
	RESISTOR GROUP							
	R0102	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0103	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R0105-0108	nsp	RM73B--330JT +1005		00D2473004987	4		3
	R0109,0110	nsp	RM73B--472JT+1005		00D2473010900	2		3
	R0111	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R0113	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0117	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R0118	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0123	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0124,0125	nsp	RM73B--472JT (1608) +1608		00D2472009909	2		3
	R0126	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0128-0130	nsp	RM73B--330JT +1005		00D2473004987	3		3
	R0141	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R0143-0146	nsp	MNR04=330(1005X4)		126210002538S	4		3
	R0149	nsp	MNR04=820(1005X4)		126210003531S	1		3
	R0150	nsp	MNR04=330(1005X4)		126210002538S	1		3
	R0151	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R0152	nsp	MNR04=103(1005X4)		126210008536S	1		3
	R0153	nsp	RM73B--472JT+1005		00D2473010900	1		3

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R0155,0156	nsp	MNR04=472(1005X4)		126210007557S	2		3
	R0157-0160	nsp	MNR04=100(1005X4)		126210001511S	4		3
	R0162-0168	nsp	RM73B--820JT		00D2473005986	7		3
	R0169,0170	nsp	RM73B--100JT		00D2473003962	2		3
	R0175-0178	nsp	MNR04=560(1005X4)		126210002590S	4		3
	R0179,0180	nsp	MNR04=330(1005X4)		126210002538S	2		3
	R0181-0183	nsp	RM73B--472JT+1005		00D2473010900	3		3
	R0184	nsp	MNR04=330(1005X4)		126210002538S	1		3
	R0185	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0186	nsp	RM73B--560JT		00D2473005944	1		3
	R0187	nsp	RM73B--820JT		00D2473005986	1		3
	R0189	nsp	RM73B--820JT		00D2473005986	1		3
	R0202	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0203	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R0205,0206	nsp	RM73B--330JT +1005		00D2473004987	2		3
	R0207	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		3
	R0208	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0209,0210	nsp	RM73B--472JT+1005		00D2473010900	2		3
	R0211	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R0213	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0216	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0217	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R0218	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0223	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0224-0227	nsp	RM73B--330JT +1005		00D2473004987	4		3
	R0228	nsp	RM73B--472JT (1608) +1608		00D2472009909	1		3
	R0241	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R0243-0246	nsp	MNR04=330(1005X4)		126210002538S	4		3
	R0247,0248	nsp	RM73B--472JT+1005		00D2473010900	2		3
	R0250	nsp	MNR04=330(1005X4)		126210002538S	1		3
	R0251	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R0252	nsp	MNR04=103(1005X4)		126210008536S	1		3
	R0253	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0255	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0256	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R0257-0260	nsp	MNR04=100(1005X4)		126210001511S	4		3
	R0262-0266	nsp	RM73B--330JT +1005		00D2473004987	5		3
	R0268	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0269,0270	nsp	RM73B--100JT		00D2473003962	2		3
	R0273	nsp	MNR04=101(1005X4)		126210003555S	1		3
	R0275-0278	nsp	MNR04=560(1005X4)		126210002590S	4		3
	R0279,0280	nsp	MNR04=330(1005X4)		126210002538S	2		3
	R0281	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0284	nsp	MNR04=330(1005X4)		126210002538S	1		3
	R0285	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0288-0290	nsp	RM73B--330JT +1005		00D2473004987	3		3
	R0291	nsp	RM73B--560JT		00D2473005944	1		3
	R0292,0293	nsp	RM73B--820JT		00D2473005986	2		3
	R0302	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0303	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R0305,0306	nsp	RM73B--330JT +1005		00D2473004987	2		3
	R0307	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0308	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0309,0310	nsp	RM73B--472JT+1005		00D2473010900	2		3
	R0311	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R0313	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0316	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0317	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R0318	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0321-0323	nsp	RM73B--472JT+1005		00D2473010900	3		3
	R0324-0328	nsp	RM73B--330JT +1005		00D2473004987	5		3
	R0330,0331	nsp	RM73B--330JT +1005		00D2473004987	2		3
	R0341	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R0343-0346	nsp	MNR04=330(1005X4)		126210002538S	4		3
	R0349,0350	nsp	MNR04=330(1005X4)		126210002538S	2		3
	R0351	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R0352	nsp	MNR04=103(1005X4)		126210008536S	1		3
	R0353	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0355	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0356	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R0357-0360	nsp	MNR04=100(1005X4)		126210001511S	4		3
	R0361	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0363,0364	nsp	RM73B--330JT +1005		00D2473004987	2		3
	R0365,0366	nsp	RM73B--100JT		00D2473003962	2		3
	R0375-0378	nsp	MNR04=560(1005X4)		126210002590S	4		3
	R0379	nsp	RM73B--560JT		00D2473005944	1		3
	R0380	nsp	RM73B--820JT		00D2473005986	1		3
	R0381	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0382	nsp	RM73B--820JT		00D2473005986	1		3
	R0402	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0403	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R0405,0406	nsp	RM73B--330JT +1005		00D2473004987	2		3
	R0407	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0408	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0409,0410	nsp	RM73B--472JT+1005		00D2473010900	2		3
	R0411	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R0413	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0416	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0417	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R0418	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0421-0423	nsp	RM73B--472JT+1005		00D2473010900	3		3
	R0424-0431	nsp	RM73B--330JT +1005		00D2473004987	8		3
	R0441	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R0443-0446	nsp	MNR04=330(1005X4)		126210002538S	4		3
	R0449,0450	nsp	MNR04=330(1005X4)		126210002538S	2		3
	R0451	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R0452	nsp	MNR04=103(1005X4)		126210008536S	1		3
	R0453	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0455	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0456	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R0457-0460	nsp	MNR04=100(1005X4)		126210001511S	4		3
	R0461	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R0463,0464	nsp	RM73B--330JT +1005		00D2473004987	2		3
	R0465,0466	nsp	RM73B--100JT		00D2473003962	2		3
	R0475-0478	nsp	MNR04=560(1005X4)		126210002590S	4		3
	R0479	nsp	RM73B--560JT		00D2473005944	1		3
	R0481	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R0482,0483	nsp	RM73B--820JT		00D2473005986	2		3
	R0602-0604	nsp	RM73B--0R0KT+1005		00D2473001906	3		3
	R0611	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R0612	nsp	RM73B--102JT		00D2473008941	1		3
	R0614	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R0616	nsp	RM73B--0R0KT+1005		00D2473001906	1		3

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R0618	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R0621	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R0623-0626	nsp	RM73B--0R0KT+1005		00D2473001906	4		3
	R0632	nsp	RM73B--100JT		00D2473003962	1		3
	R0645	nsp	MNR04=330(1005X4)		126210002538S	1		3
	R0646	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R0647	nsp	RM73B--0R0KT +2125		00D2470018905	1		3
	R0648	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R0649,0650	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R0651-0654	nsp	RM73B--0R0KT+1005		00D2473001906	4		3
	R0655,0656	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R0657	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R0658	nsp	MNR04=101(1005X4)		126210003555S	1		3
	R0659,0660	nsp	RM73B--101JT+1005		00D2473006901	2		3
	R0663,0664	nsp	RM73B--472JT+1005		00D2473010900	2		3
	R0665	nsp	RM73B--914DT(1608)		00D2472040913	1		3
	R0666	nsp	RM73B--334DT(1608)		00D2472039908	1		3
	R0667	nsp	RM73B--564DT(1608)		00D2472039966	1		3
	R0668	nsp	RM73B--183DT(1608)		00D2472036901	1		3
	R0670	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R0672	nsp	RM73B--624JT +1608		00D2472014910	1		3
	R0673	nsp	RM73B--334DT(1608)		00D2472039908	1		3
	R0674	nsp	RM73B--244DT(1608)		00D2472038970	1		3
	R0675	nsp	RM73B--183DT(1608)		00D2472036901	1		3
	R0677	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R0678	nsp	RM73B--100JT		00D2473003962	1		3
	R0680	nsp	RM73B--334DT(1608)		00D2472039908	1		3
	R0681	nsp	RM73B--114DT(1608)		00D2472037997	1		3
	R0682	nsp	RM73B--183DT(1608)		00D2472036901	1		3
	R0684	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R0685	nsp	RM73B--100JT		00D2473003962	1		3
	R0686	nsp	RM73B--514JT +1608		00D2472013995	1		3
	R0687	nsp	RM73B--334DT(1608)		00D2472039908	1		3
	R0688	nsp	RM73B--913DT(1608)		00D2472037971	1		3
	R0689	nsp	RM73B--183DT(1608)		00D2472036901	1		3
	R0691	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R0692	nsp	RM73B--100JT		00D2473003962	1		3
	R0698	nsp	RM73B--0R0KT +1608		00D2472018903	1		3
	R0703-0705	nsp	RM73B--0R0KT+1005		00D2473001906	3		3
	R0706-0709	nsp	RM73B--103JT +1005		00D2473010984	4		3
	R0711,0712	nsp	RM73B--0R0KT+1005		00D2473001906	2		3
	R0715-0722	nsp	RM73B--470JT +1005		00D2473005928	8		3
	R0727	nsp	RM73B--100JT		00D2473003962	1		3
	R0729	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R1000	nsp	RM73B--681JT +1608		00D2472007901	1		3
	R1001	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R1002	nsp	RM73B--101JT+1005		00D2473006901	1		3
	R1004	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R1006	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R1021,1022	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R1023	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R1024,1025	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R1026	nsp	RM73B--332JT		00D2473009966	1		3
	R1027	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R1028,1029	nsp	RM73B--101JT+1005		00D2473006901	2		3
	R1030-1035	nsp	RM73B--330JT +1005		00D2473004987	6		3
	R1036-1039	nsp	MNR04=330(1005X4)		126210002538S	4		3
	R1201,1202	nsp	RM73B--330JT +1005		00D2473004987	2		3
	R1203	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R1205	nsp	RM73B--101JT+1005		00D2473006901	1		3
	R1206-1210	nsp	RM73B--330JT +1005		00D2473004987	5		3
	R1211	nsp	RM73B--101JT+1005		00D2473006901	1		3
	R1212	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R1214-1221	nsp	RM73B--330JT +1005		00D2473004987	8		3
	R1223-1225	nsp	RM73B--101JT+1005		00D2473006901	3		3
	R1227	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R1228	nsp	RM73B--102JT		00D2473008941	1		3
	R1229-1231	nsp	RM73B--103JT +1005		00D2473010984	3		3
	R1234	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R1236	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R1237	nsp	MNR04=330(1005X4)		126210002538S	1		3
	R1238,1239	nsp	MNR04=101(1005X4)		126210003555S	2		3
	R1243	nsp	RM73B--101JT+1005		00D2473006901	1		3
	R1246-1254	nsp	MNR04=101(1005X4)		126210003555S	9		3
	R1255-1257	nsp	RM73B--101JT+1005		00D2473006901	3		3
	R1259	nsp	RM73B--101JT+1005		00D2473006901	1		3
	R1261,1262	nsp	RM73B--101JT+1005		00D2473006901	2		3
	R1263	nsp	MNR04=101(1005X4)		126210003555S	1		3
	R1265-1268	nsp	RM73B--101JT+1005		00D2473006901	4		3
	R1271,1272	nsp	RM73B--101JT+1005		00D2473006901	2		3
	R1273	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R1274	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R1275	nsp	RM73B--101JT+1005		00D2473006901	1		3
	R1276,1277	nsp	RM73B--220JT+1005		00D2473004945	2		3
	R1901	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R1904	nsp	RM73B--154DT(1608)		00D2472038925	1		3
	R1905	nsp	RM73B--473DT(1608)		00D2472037900	1		3
	R1906	nsp	RM73B--684JT +1608		00D2472014923	1		3
	R1907	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R1908	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R1909	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R1910	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R1911,1912	nsp	RM73B--100JT		00D2473003962	2		3
	R1913	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R1916-1918	nsp	RM73B--154DT(1608)		00D2472038925	3		3
	R1921	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R1922	nsp	RM73B--332JT		00D2473009966	1		3
	R1926,1927	nsp	RM73B--105KT +1005		00D2473015963	2		3
	R1928,1929	nsp	RM73B--470JT +1005		00D2473005928	2		3
	R1930,1931	nsp	RM73B--152JT +1608		00D2472007985	2		3
	R1932	nsp	RM73B--100JT		00D2473003962	1		3
	R1933	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R1936-1938	nsp	RM73B--154DT(1608)		00D2472038925	3		3
	R2000-2003	nsp	RM73B--471DT(1608)		122350001547S	4		3
	R2014,2015	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R2016	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R2017-2020	nsp	RM73B--151DT(1608)		00D2472032976	4		3
	R2021	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R2022-2025	nsp	RM73B--331DT(1608)		122350001530S	4		3
	R2026,2027	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R2031	nsp	MNR04=100(1005X4)		126210001511S	1		3
	R2032,2033	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R2034	nsp	RM73B--102JT		00D2473008941	1		3

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R2039,2040	nsp	RM73B--473JT+1005		00D2473012940	2		3
	R2041,2042	nsp	RM73B--330JT +1005		00D2473004987	2		3
	R2050,2051	nsp	MNR04=472(1005X4)		126210007557S	2		3
	R2052	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R2053	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R2054	nsp	MNR04=473(1005X4)		126210009591S	1		3
	R2057,2058	nsp	MNR04=473(1005X4)		126210009591S	2		3
	R2059-2061	nsp	MNR04=472(1005X4)		126210007557S	3		3
	R2062-2064	nsp	RM73B--473JT+1005		00D2473012940	3		3
	R2065	nsp	RM73B--222JT		00D2473009924	1		3
	R2069	nsp	RM73B--471DT(1608)		122350001547S	1		3
	R2071	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2075,2076	nsp	RM73B--0R0KT+1005		00D2473001906	2		3
	R2077	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2078,2079	nsp	RM73B--472JT+1005		00D2473010900	2		3
	R2083-2085	nsp	RM73B--472JT+1005		00D2473010900	3		3
	R2101-2103	nsp	RM73B--330JT +1005		00D2473004987	3		3
	R2104	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2107	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2108-2110	nsp	RM73B--330JT +1005		00D2473004987	3		3
	R2111	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R2112	nsp	MNR04=330(1005X4)		126210002538S	1		3
	R2113	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2114	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R2115,2116	nsp	RM73B--100JT		00D2473003962	2		3
	R2117,2118	nsp	RM73B--473JT+1005		00D2473012940	2		3
	R2119-2122	nsp	RM73B--330JT +1005		00D2473004987	4		3
	R2123,2124	nsp	RM73B--100JT		00D2473003962	2		3
	R2126	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R2128,2129	nsp	RM73B--473JT+1005		00D2473012940	2		3
	R2132	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R2133	nsp	RM73B--105KT +1005		00D2473015963	1		3
	R2137	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R2138	nsp	RM73B--105KT +1005		00D2473015963	1		3
	R2139	nsp	RM73B--224JT		00D2473014906	1		3
	R2140	nsp	RM73B--104JT		00D2473013923	1		3
	R2142	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R2143	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2144,2145	nsp	RM73B--472JT+1005		00D2473010900	2		3
	R2146	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R2147	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R2148,2149	nsp	MNR04=330(1005X4)		126210002538S	2		3
	R2150,2151	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R2152	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R2153,2154	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R2155-2157	nsp	RM73B--473JT+1005		00D2473012940	3		3
	R2158	nsp	RM73B--223JT		00D2473011967	1		3
	R2400-2402	nsp	RM73B--102JT		00D2473008941	3		3
	R2403	nsp	MNR02=000(1005X2)		12625000450AS	1		3
	R2404-2406	nsp	RM73B--103JT +1005		00D2473010984	3		3
	R2407	nsp	EXC24CH900U		11341002150AS	1		3
	R2408-2410	nsp	RM73B--473JT+1005		00D2473012940	3		3
	R2411	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R2412-2414	nsp	RM73B--473JT+1005		00D2473012940	3		3
	R2415	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R2416	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R2417	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2418,2419	nsp	RM73B--473JT+1005		00D2473012940	2		3
	R2420,2421	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R2423	nsp	MNR02=000(1005X2)		12625000450AS	1		3
	R2424	nsp	RM73B--0R0KT +1608		00D2472018903	1		3
	R2425,2426	nsp	RM73B--0R0KT+1005		00D2473001906	2		3
	R2427	nsp	RM73B--0R0KT +1608		00D2472018903	1		3
	R2428,2429	nsp	RM73B--0R0KT+1005		00D2473001906	2		3
	R2430	nsp	RM73B--0R0KT +1608		00D2472018903	1		3
	R2431,2432	nsp	RM73B--0R0KT+1005		00D2473001906	2		3
	R2433	nsp	MNR02=000(1005X2)		12625000450AS	1		3
	R2435	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2436-2438	nsp	RM73B--473JT+1005		00D2473012940	3		3
	R2439	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R2440,2441	nsp	RM73B--100JT		00D2473003962	2		3
	R2442,2443	nsp	PRB3T4=0R0(1005X4)		126250001502S	2		3
	R2444	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R2446	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2447	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R2448	nsp	RM73B--751JT +1005		00D2473008912	1		3
	R2449	nsp	RM73B--332JT		00D2473009966	1		3
	R2450-2452	nsp	RM73B--472JT+1005		00D2473010900	3		3
	R2453,2454	nsp	PRB3T4=0R0(1005X4)		126250001502S	2		3
	R2455	nsp	RM73B--105JT +1608		00D2472014965	1		3
	R2458	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2460,2461	nsp	RM73B--470JT +1005		00D2473005928	2		3
	R2462	nsp	RM73B--102JT		00D2473008941	1		3
	R2475-2478	nsp	RM73B--182JT		00D2473009908	4		3
	R2494	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R2601	nsp	RM73B--100JT		00D2473003962	1		3
	R2602	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2603	nsp	PRB3T4=0R0(1005X4)		126250001502S	1		3
	R2604	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R2605	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2606,2607	nsp	RM73B--473JT+1005		00D2473012940	2		3
	R2608,2609	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R2610,2611	nsp	RM73B--102JT		00D2473008941	2		3
	R2612-2614	nsp	RM73B--103JT +1005		00D2473010984	3		3
	R2615-2618	nsp	RM73B--473JT+1005		00D2473012940	4		3
	R2619	nsp	RM73B--0R0KT +1608		00D2472018903	1		3
	R2620,2621	nsp	RM73B--0R0KT+1005		00D2473001906	2		3
	R2622	nsp	RM73B--0R0KT +1608		00D2472018903	1		3
	R2623,2624	nsp	RM73B--0R0KT+1005		00D2473001906	2		3
	R2625	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R2626,2627	nsp	PRB3T4=0R0(1005X4)		126250001502S	2		3
	R2628	nsp	RM73B--105JT +1608		00D2472014965	1		3
	R2629	nsp	PRB3T4=0R0(1005X4)		126250001502S	1		3
	R2630,2631	nsp	RM73B--470JT +1005		00D2473005928	2		3
	R2632,2633	nsp	RM73B--102JT		00D2473008941	2		3
	R2634,2635	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R2637,2638	nsp	RM73B--182JT		00D2473009908	2		3
	R2639	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R2640,2641	nsp	RM73B--182JT		00D2473009908	2		3
	R2654	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2655,2656	nsp	RM73B--473JT+1005		00D2473012940	2		3
	R2659	nsp	RM73B--0R0KT +1608		00D2472018903	1		3
	R2662,2663	nsp	RM73B--0R0KT+1005		00D2473001906	2		3

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R2664	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R2669	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2670,2671	nsp	RM73B--473JT+1005		00D2473012940	2		3
	R2672	nsp	RM73B--0R0KT +1608		00D2472018903	1		3
	R2673	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R2674,2675	nsp	RM73B--0R0KT+1005		00D2473001906	2		3
	R2689	nsp	RM73B--102JT		00D2473008941	1		3
	R2804-2810	nsp	MNR04=100(1005X4)		126210001511S	7		3
	R2811,2812	nsp	RM73B--100JT		00D2473003962	2		3
	R2821	nsp	MNR04=470(1005X4)		126210002576S	1		3
	R2822,2823	nsp	RM73B--470JT +1005		00D2473005928	2		3
	R2824-2828	nsp	MNR04=470(1005X4)		126210002576S	5		3
	R2829,2830	nsp	RM73B--470JT +1005		00D2473005928	2		3
	R2831-2839	nsp	MNR04=470(1005X4)		126210002576S	9		3
	R2840,2841	nsp	RM73B--470JT +1005		00D2473005928	2		3
	R2843	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R2847	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R2848	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2849	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R2850	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R2851,2852	nsp	RM73B--102DT(1608)		00D2472034974	2		3
	R2856	nsp	RM73B--471DT(1608)		122350001547S	1		3
	R2858	nsp	RM73B--471DT(1608)		122350001547S	1		3
	R2861	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R2866	nsp	RM73B--272DT(1608)		00D2472035960	1		3
	R2867	nsp	RM73B--181DT(1608)		00D2472032992	1		3
	R2868	nsp	RM73B--272DT(1608)		00D2472035960	1		3
	R2869	nsp	RM73B--181DT(1608)		00D2472032992	1		3
	R2870-2872	nsp	RM73B--330JT +1005		00D2473004987	3		3
	R2875	nsp	RM73B--102JT		00D2473008941	1		3
	R2877	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R2879,2880	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R2883	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R2884	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R2888,2889	nsp	RM73B--472JT+1005		00D2473010900	2		3
	R2898,2899	nsp	MNR04=472(1005X4)		126210007557S	2		3
	R2900	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R2914	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R3014,3015	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R3016,3017	nsp	RM73B--102DT(1608)		00D2472034974	2		3
	R3200,3201	nsp	MNR04=100(1005X4)		126210001511S	2		3
	R3202	nsp	RM73B--220JT+1005		00D2473004945	1		3
	R3203-3207	nsp	MNR04=100(1005X4)		126210001511S	5		3
	R3208	nsp	MNR04=220(1005X4)		126210001597S	1		3
	R3209	nsp	RM73B--220JT+1005		00D2473004945	1		3
	R3210	nsp	MNR04=220(1005X4)		126210001597S	1		3
	R3211	nsp	RM73B--220JT+1005		00D2473004945	1		3
	R3212,3213	nsp	MNR04=100(1005X4)		126210001511S	2		3
	R3214	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R3215,3216	nsp	RM73B--220JT+1005		00D2473004945	2		3
	R3217	nsp	RM73B--0R0KT +2125		00D2470018905	1		3
	R3218	nsp	MNR04=100(1005X4)		126210001511S	1		3
	R3219	nsp	RM73B--0R0KT +1608		00D2472018903	1		3
	R3220,3221	nsp	RM73B--220JT+1005		00D2473004945	2		3
	R3222	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R3224-3228	nsp	RM73B--100JT		00D2473003962	5		3
	R3406	nsp	PRB3T4=0R0(1005X4)		126250001502S	1		3
	R3407	nsp	RM73B--100JT		00D2473003962	1		3
	R3408,3409	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R3410	nsp	RM73B--100JT		00D2473003962	1		3
	R3411	nsp	RM73B--102JT		00D2473008941	1		3
	R3412	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R3413	nsp	PRB3T4=0R0(1005X4)		126250001502S	1		3
	R3414	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R3415-3417	nsp	PRB3T4=0R0(1005X4)		126250001502S	3		3
	R3418	nsp	RM73B--105JT +1608		00D2472014965	1		3
	R3419,3420	nsp	RM73B--473JT+1005		00D2473012940	2		3
	R3421	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R3422	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R3423	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R3424	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R3425	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R3426	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R3427	nsp	RM73B--470JT +1005		00D2473005928	1		3
	R3428	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R3429-3432	nsp	RM73B--470JT +1005		00D2473005928	4		3
	R3433-3437	nsp	MNR04=470(1005X4)		126210002576S	5		3
	R3438,3439	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R3440	nsp	MNR04=470(1005X4)		126210002576S	1		3
	R3441,3442	nsp	RM73B--330JT +1005		00D2473004987	2		3
	R3443	nsp	RM73B--820JT		00D2473005986	1		3
	R3444	nsp	MNR04=101(1005X4)		126210003555S	1		3
	R3445	nsp	MNR04=330(1005X4)		126210002538S	1		3
	R3446	nsp	PRB3T4=0R0(1005X4)		126250001502S	1		3
	R3449	nsp	MNR04=101(1005X4)		126210003555S	1		3
	R3450	nsp	MNR02=000(1005X2)		12625000450AS	1		3
	R3451	11341002150AS	EXC24CH900U		11341002150AS	1		3
	R3452	nsp	MNR02=000(1005X2)		12625000450AS	1		3
	R3453	11341002150AS	EXC24CH900U		11341002150AS	1		3
	R3454	nsp	RM73B--224JT		00D2473014906	1		3
	R3455-3458	nsp	RM73B--0R0KT+1005		00D2473001906	4		3
	R3459	nsp	RM73B--273JT		00D2473011983	1		3
	R3460	nsp	MNR04=820(1005X4)		126210003531S	1		3
	R3461,3462	nsp	RM73B--182JT		00D2473009908	2		3
	R3463-3466	nsp	MNR02=000(1005X2)		12625000450AS	4		3
	R3467	nsp	RM73B--122JT +1005		00D2473008967	1		3
	R3468,3469	nsp	RM73B--182JT		00D2473009908	2		3
	R3470	nsp	MNR04=101(1005X4)		126210003555S	1		3
	R3471	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R3472	nsp	RM73B--104JT		00D2473013923	1		3
	R3473	nsp	RM73B--332JT		00D2473009966	1		3
	R3474,3475	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R3476	nsp	MNR04=820(1005X4)		126210003531S	1		3
	R3477,3478	nsp	RM73B--0R0KT+1005		00D2473001906	2		3
	R3479	nsp	MNR04=820(1005X4)		126210003531S	1		3
	R3480	nsp	MNR04=100(1005X4)		126210001511S	1		3
	R3481	nsp	RM73B--510DT(1608)		00D2472031977	1		3
	R3482	nsp	MNR04=101(1005X4)		126210003555S	1		3
	R3483	nsp	PRB3T4=0R0(1005X4)		126250001502S	1		3
	R3484	nsp	RM73B--510DT(1608)		00D2472031977	1		3
	R3485	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R3486	nsp	PRB3T4=0R0(1005X4)		126250001502S	1		3
	R3600	nsp	RM73B--473JT+1005		00D2473012940	1		3

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	R3601,3602	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R3603	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R3607	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R3608	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R3609	nsp	RM73B--0R0KT+1005		00D2473001906	1		3
	R3618	nsp	RM73B--473JT +1608		00D2472011942	1		3
	R3619	nsp	RM73B--332JT		00D2473009966	1		3
	R3620	nsp	RM73B--154DT(1608)		00D2472038925	1		3
	R3621	nsp	RM73B--473DT(1608)		00D2472037900	1		3
	R3626	nsp	RM73B--154DT(1608)		00D2472038925	1		3
	R3627	nsp	RM73B--124DT(1608)		00D2472038909	1		3
	R3628	nsp	RM73B--684JT +1608		00D2472014923	1		3
	R3631	nsp	RM73B--105JT +1608		00D2472014965	1		3
	R3632-3634	nsp	RM73B--473JT+1005		00D2473012940	3		3
	R3641	nsp	RM73B--154DT(1608)		00D2472038925	1		3
	R3642	nsp	RM73B--474DT(1608)		00D2472039940	1		3
	R3643	nsp	RM73B--0R0KT +1608		00D2472018903	1		3
	R3644	nsp	RM73B--154DT(1608)		00D2472038925	1		3
	R3645	nsp	RM73B--474DT(1608)		00D2472039940	1		3
	R3646	nsp	RM73B--0R0KT +1608		00D2472018903	1		3
	R3647	nsp	RM73B--154DT(1608)		00D2472038925	1		3
	R3648	nsp	RM73B--474DT(1608)		00D2472039940	1		3
	R3649	nsp	RM73B--0R0KT +1608		00D2472018903	1		3
	R3650-3652	nsp	RM73B--754DT(1608)		00D2472039995	3		3
	R3653-3656	nsp	RM73B--100JT		00D2473003962	4		3
	R3659	nsp	RM73B--100JT		00D2473003962	1		3
	R5000	nsp	RM73B--102JT		00D2473008941	1		3
	R5005	nsp	MNR04=103(1005X4)		126210008536S	1		3
	R5006	nsp	RM73B--0R0KT +1608	F	00D2472018903	1		3
	R5008	nsp	MNR04=103(1005X4)		126210008536S	1		3
	R5009	nsp	MNR04=330(1005X4)		126210002538S	1		3
	R5010,5011	nsp	RM73B--102JT		00D2473008941	2		3
	R5012	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R5013	nsp	RM73B--0R0KT +1608	N	00D2472018903	1		3
	R5014	nsp	RM73B--0R0KT +1608	U	00D2472018903	1		3
	R5015,5016	nsp	RM73B--330JT +1005		00D2473004987	2		3
	R5017	nsp	MNR04=330(1005X4)		126210002538S	1		3
	R5018	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R5020	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R5021	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R5022	nsp	MNR04=472(1005X4)		126210007557S	1		3
	R5023,5024	nsp	RM73B--330JT +1005		00D2473004987	2		3
	R5025	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R5026	nsp	MNR04=330(1005X4)		126210002538S	1		3
	R5028	nsp	RM73B--330JT +1005		00D2473004987	1		3
	R5029	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R5030-5033	nsp	RM73B--330JT +1005		00D2473004987	4		3
	R5034,5035	nsp	RM73B--472JT+1005		00D2473010900	2		3
	R5036-5042	nsp	RM73B--330JT +1005		00D2473004987	7		3
	R5043	nsp	MNR04=330(1005X4)		126210002538S	1		3
	R5044-5046	nsp	RM73B--330JT +1005		00D2473004987	3		3
	R5047-5053	nsp	RM73B--105KT +1005		00D2473015963	7		3
	R5054	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R5055	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R5056,5057	nsp	RM73B--101JT+1005		00D2473006901	2		3
	R5058	nsp	RM73B--332JT		00D2473009966	1		3
	R5059-5063	nsp	RM73B--101JT+1005		00D2473006901	5		3
	R5064	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R5065	nsp	RM73B--104JT		00D2473013923	1		3
	R5066,5067	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R5068	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R5069	nsp	RM73B--473JT+1005		00D2473012940	1		3
	R5070	nsp	RM73B--104JT		00D2473013923	1		3
	R5071	nsp	RM73B--101JT+1005		00D2473006901	1		3
	R5072-5074	nsp	RM73B--472JT+1005		00D2473010900	3		3
	R5075	nsp	RM73B--0R0KT +1608		00D2472018903	1		3
	R5076	nsp	RM73B--103JT +1005		00D2473010984	1		3
	R5077	nsp	RM73B--472JT+1005		00D2473010900	1		3
	R5080,5081	nsp	RM73B--103JT +1005		00D2473010984	2		3
	R5082	nsp	RM73B--332JT		00D2473009966	1		3
	R5083,5084	nsp	RM73B--472JT+1005		00D2473010900	2		3
	CAPACIITORS GROUP							
	C0105	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0106	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0107	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0108	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0109	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0110	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0114	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0115	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0117	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0118	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0119	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0120	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0121	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0122	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0124	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0125	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0129	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0130,0131	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0132	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0135	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0136	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0139	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0140	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0145	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0146,0147	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0148,0149	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0150	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0151	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0152	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0155	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0156	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0163,0164	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0165	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0166	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0167,0168	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0170	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0171	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0179	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0180	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0181	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0182,0183	nsp	CK73B1A104KT +1005		00D2575008933	2		3

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	C0185,0186	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0190	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0191-0193	nsp	CK73B1H102KT +1005		00D2575006993	3		3
	C0194	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0195	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0202	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0203	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0204	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0205	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0206,0207	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0208-0210	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C0211,0212	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0213,0214	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0215	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0216	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0217	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0218	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0219,0220	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0221,0222	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0223	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0225	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0226	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0228	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0229,0230	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0231,0232	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0233	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0234	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0235	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0236	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0237-0239	nsp	CK73B1H102KT +1005		00D2575006993	3		3
	C0240	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0241	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0242	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0243,0244	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0245	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0246	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0247-0250	nsp	CK73B1A104KT +1005		00D2575008933	4		3
	C0251,0252	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0253,0254	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0255	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0256	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0257,0258	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0302	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0303	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0304	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0305	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0306,0307	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0308-0310	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C0311,0312	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0313,0314	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0315	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0316	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0317	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0318	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0319,0320	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0321,0322	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0323	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0325	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0326	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0328	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0329,0330	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0331,0332	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0333	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0334	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0335	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0336	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0337-0339	nsp	CK73B1H102KT +1005		00D2575006993	3		3
	C0340	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0341	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0342	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0343,0344	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0345	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0346	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0347-0350	nsp	CK73B1A104KT +1005		00D2575008933	4		3
	C0351,0352	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0353,0354	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0355	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0356	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0357,0358	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0402	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0403	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0404	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0405	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0406,0407	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0408-0410	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C0411,0412	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0413,0414	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0415	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0416	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0417	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0418	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0419,0420	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0421,0422	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0423	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0425	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0426	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0428	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0429,0430	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0431,0432	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0433	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0434	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0435	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0436	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0437-0439	nsp	CK73B1H102KT +1005		00D2575006993	3		3
	C0440	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0441	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0442	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0443,0444	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0445	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0446	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0447-0450	nsp	CK73B1A104KT +1005		00D2575008933	4		3
	C0451,0452	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0453,0454	nsp	CK73B1A104KT +1005		00D2575008933	2		3

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	C0455	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0456	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0457,0458	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0609	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C0610-0613	nsp	CK73B1A104KT +1005		00D2575008933	4		3
	C0615	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0616	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0617,0618	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C0619	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0620-0623	nsp	CK73X5R0J106MT(2125)		132450038507S	4		3
	C0624	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0625,0626	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C0627	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0629	nsp	CC73CH1H100DT +1005		00D2575002926	1		3
	C0630	nsp	CK73B0J226MT		00D2570039910	1		3
	C0631	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C0632	nsp	CK73B1A105KT +1608		00D2570521907	1		3
	C0633	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0634	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C0635	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0637	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0638	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0639	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0641	nsp	CC73CH1H100DT +1005		00D2575002926	1		3
	C0642	nsp	CK73B0J226MT		00D2570039910	1		3
	C0643	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C0644	nsp	CK73B1A105KT +1608		00D2570521907	1		3
	C0646	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C0649	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0650	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0651	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0653	nsp	CC73CH1H100DT +1005		00D2575002926	1		3
	C0654	nsp	CK73B0J226MT		00D2570039910	1		3
	C0655	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C0656	nsp	CK73B1A105KT +1608		00D2570521907	1		3
	C0658	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C0661	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0662	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C0663	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0665	nsp	CC73CH1H100DT +1005		00D2575002926	1		3
	C0666	nsp	CK73B0J226MT		00D2570039910	1		3
	C0667	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C0668	nsp	CK73B1A105KT +1608		00D2570521907	1		3
	C0670	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C0673	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C0675	nsp	CK73B1E223KT +1608		00D2570516909	1		3
	C1000	nsp	CK73B1E683KT(1608) +1608		00D2570518907	1		3
	C1001	nsp	CK73B1H472KT +1608		00D2570510934	1		3
	C1009,1010	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C1011	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C1012,1013	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C1014,1015	nsp	CK73B1E223KT +1608		00D2570516909	2		3
	C1016	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C1018	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1022-1024	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C1025	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C1201	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C1202	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1203	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C1204-1208	nsp	CK73B1A104KT +1005		00D2575008933	5		3
	C1209	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C1210-1212	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C1213	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C1214-1216	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C1217,1218	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C1219	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C1220	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1221,1222	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C1225	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C1226	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1227-1229	nsp	CK73B1H102KT +1005		00D2575006993	3		3
	C1230	nsp	CC73CH1H101JT +1005		00D2575004966	1		3
	C1231	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C1232	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1813	00D2544601934	CE67W0J101MT(P.CAP) +REF		00D2544601934	1		3
	C1817	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1818	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C1819	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1820	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C1901	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1904	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C1905	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C1906	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1907,1908	nsp	CK73X5R0J106MT(2125)		132450038507S	2		3
	C1909	nsp	CC73CH1H100DT +1005		00D2575002926	1		3
	C1910	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1911	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C1912,1913	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C1916	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C1917	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C1918	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1919,1920	nsp	CK73X5R0J106MT(2125)		132450038507S	2		3
	C1921	nsp	CC73CH1H100DT +1005		00D2575002926	1		3
	C1922	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1923	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C1924	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C1927	nsp	CK73B1E104KT +1608		00D2570516954	1		3
	C1928	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C1931-1933	nsp	CK73B1H102KT +1608		00D2570509929	3		3
	C1936	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1937	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C1938,1939	nsp	CK73B1H102KT +1608		00D2570509929	2		3
	C1940	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1943	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C1944	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C1945	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1946,1947	nsp	CK73X5R0J106MT(2125)		132450038507S	2		3
	C1948	nsp	CC73CH1H100DT +1005		00D2575002926	1		3
	C1949	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C1950	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C1951-1953	nsp	CK73B1H102KT +1608		00D2570509929	3		3
	C2000-2002	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C2003	nsp	CK73B1H102KT +1005		00D2575006993	1		3

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	C2004-2007	nsp	CK73B1A104KT +1005		00D2575008933	4		3
	C2010	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2012-2022	nsp	CK73B1A104KT +1005		00D2575008933	11		3
	C2023	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2024-2027	nsp	CK73B1A104KT +1005		00D2575008933	4		3
	C2028	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2029,2030	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2031,2032	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C2033,2034	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2035	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2036	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2037	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2038-2040	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C2041,2042	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C2043-2045	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C2046	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2047	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2048-2050	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C2051	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2052	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2053,2054	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2055	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2056	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2057	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2058	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2059,2060	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C2061,2062	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2063,2064	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C2066	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2067	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2068	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2069,2070	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2071	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2072,2073	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2074	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2075	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2076	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2077	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2078	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2079	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2080	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2081	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2082,2083	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2084	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2085-2091	nsp	CK73B1A104KT +1005		00D2575008933	7		3
	C2092	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2093,2094	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2095-2105	nsp	CK73B1H102KT +1005		00D2575006993	11		3
	C2106	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2107	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2108	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2109	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2110	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2111	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2112	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2113-2116	nsp	CK73B1H102KT +1005		00D2575006993	4		3
	C2117	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2118	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2119	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2120	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2121	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2122	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2123	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2124,2125	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C2127	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2128-2131	nsp	CK73B0J475KT +1608		00D2570522906	4		3
	C2132	nsp	CK73B1E104KT +1608		00D2570516954	1		3
	C2136	nsp	CC73CH1H8R0DT +1608		00D2570503909	1		3
	C2137	nsp	CC73CH1H100DT +1608		00D2570503925	1		3
	C2138	nsp	CK73B1A105KT +1608		00D2570521907	1		3
	C2139,2140	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2181,2182	nsp	CC73CH1H6R0DT +1608		00D2570502984	2		3
	C2183	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2184	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2185	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2186	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2187	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2188	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2189	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2191,2192	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2193	nsp	CK73B1H221KT +1005		00D2575006919	1		3
	C2194,2195	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2400-2402	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C2403	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2404-2409	nsp	CK73B1A104KT +1005		00D2575008933	6		3
	C2411	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2412	nsp	CC73CH1H120JT +1608		00D2570503941	1		3
	C2413	nsp	CC73CH1H100DT +1608		00D2570503925	1		3
	C2414-2418	nsp	CK73B1A104KT +1005		00D2575008933	5		3
	C2419	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2420-2438	nsp	CK73B1A104KT +1005		00D2575008933	19		3
	C2446	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2454	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2459	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2461	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2465	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2468	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2471-2474	nsp	CK73B0J475KT +1608		00D2570522906	4		3
	C2476-2480	nsp	CK73B0J475KT +1608		00D2570522906	5		3
	C2481-2485	nsp	CK73B1A104KT +1005		00D2575008933	5		3
	C2492,2493	nsp	CK73X5R0J106MT(2125)		132450038507S	2		3
	C2496	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C2497,2498	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2499	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C2600,2601	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2602,2603	nsp	CK73X5R0J106MT(2125)		132450038507S	2		3
	C2604-2612	nsp	CK73B1A104KT +1005		00D2575008933	9		3
	C2613	nsp	CC73CH1H120JT +1608		00D2570503941	1		3
	C2614	nsp	CC73CH1H100DT +1608		00D2570503925	1		3
	C2615,2616	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2617	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C2618-2621	nsp	CK73B1A104KT +1005		00D2575008933	4		3
	C2622	nsp	CK73B1H102KT +1005		00D2575006993	1		3

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	C2623-2631	nsp	CK73B1A104KT +1005		00D2575008933	9		3
	C2632	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C2633,2634	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2636,2637	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2640-2643	nsp	CK73B1A104KT +1005		00D2575008933	4		3
	C2651	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2652	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2657	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2658	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2665	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2670	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2673	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2676-2682	nsp	CK73B0J475KT +1608		00D2570522906	7		3
	C2684	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2685	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2686,2687	nsp	CK73B0J475KT +1608		00D2570522906	2		3
	C2688-2691	nsp	CK73B1A104KT +1005		00D2575008933	4		3
	C2805,2806	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2807	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2808-2811	nsp	CK73B1A104KT +1005		00D2575008933	4		3
	C2812	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2813-2824	nsp	CK73B1A104KT +1005		00D2575008933	12		3
	C2825-2832	nsp	CK73B1E103KT(1005)		00D2575008946	8		3
	C2833	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2834	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2835	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C2838	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2842,2843	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2845	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C2847	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2849,2850	nsp	CK73B1E103KT(1005)		00D2575008946	2		3
	C2851-2853	nsp	CK73B0J475KT +1608		00D2570522906	3		3
	C2854	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2855	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2856	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C2857-2859	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C2860,2861	nsp	CK73B1E103KT(1005)		00D2575008946	2		3
	C2863	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2864	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2865	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C2866	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2869,2870	nsp	CK73B0J475KT +1608		00D2570522906	2		3
	C2871-2873	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C2874,2875	nsp	CK73B1E103KT(1005)		00D2575008946	2		3
	C2876	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2877,2878	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2879,2880	nsp	CK73B1E103KT(1005)		00D2575008946	2		3
	C2881	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C2883	nsp	CC73CH1H330JT +1005		00D2575003941	1		3
	C2891	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2892	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2893	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2894,2895	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C2896	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C2897	nsp	CK73B1A154KT +1608		00D2570520908	1		3
	C2898	nsp	CK73B1H123KT +1608		00D2570501914	1		3
	C2899	nsp	CK73B1A154KT +1608		00D2570520908	1		3
	C2900	nsp	CK73B1H123KT +1608		00D2570501914	1		3
	C2901	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2902	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C2904	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2905	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C2906	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2907	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C2909	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C2911	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C2912	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C2914	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C2916	nsp	CC73CH1H8R0DT +1608		00D2570503909	1		3
	C2917	nsp	CC73CH1H100DT +1608		00D2570503925	1		3
	C2918,2919	nsp	CK73B1E103KT(1005)		00D2575008946	2		3
	C3000	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C3001-3016	nsp	CK73B1A104KT +1005		00D2575008933	16		3
	C3017-3024	nsp	CK73B1H102KT +1005		00D2575006993	8		3
	C3025	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C3026-3041	nsp	CK73B1A104KT +1005		00D2575008933	16		3
	C3042-3049	nsp	CK73B1H102KT +1005		00D2575006993	8		3
	C3050	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3052	nsp	CK73B1A105KT +1608		00D2570521907	1		3
	C3200	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C3201	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3202	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C3203-3207	nsp	CK73B1A104KT +1005		00D2575008933	5		3
	C3209	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3211	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3213-3215	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C3216-3221	nsp	CK73B1H102KT +1005		00D2575006993	6		3
	C3400-3403	nsp	CK73B0J475KT +1608		00D2570522906	4		3
	C3404,3405	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C3406	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C3416	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C3419-3421	nsp	CK73B0J475KT +1608		00D2570522906	3		3
	C3434	nsp	CC73CH1H120JT +1608		00D2570503941	1		3
	C3435	nsp	CC73CH1H100DT +1608		00D2570503925	1		3
	C3436-3447	nsp	CK73B1A104KT +1005		00D2575008933	12		3
	C3448,3449	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C3450	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3451,3452	nsp	CK73B1H102KT +1005		00D2575006993	2		3
	C3453-3483	nsp	CK73B1A104KT +1005		00D2575008933	31		3
	C3484-3486	nsp	CK73B1H102KT +1005		00D2575006993	3		3
	C3488	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3489	nsp	CK73B1A105KT +1608		00D2570521907	1		3
	C3492	nsp	CK73B1A105KT +1608		00D2570521907	1		3
	C3494	nsp	CK73B1A105KT +1608		00D2570521907	1		3
	C3497	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C3499	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C3505	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3511	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3512,3513	nsp	CK73B0J475KT +1608		00D2570522906	2		3
	C3515	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3516-3519	nsp	CK73X5R0J106MT(2125)		132450038507S	4		3
	C3600-3603	nsp	CK73B1A104KT +1005		00D2575008933	4		3
	C3605,3606	nsp	CK73B1A105KT +1608		00D2570521907	2		3

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	C3612	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C3613	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3614	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C3615	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C3616	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C3619	nsp	CK73B1E103KT(1005)		00D2575008946	1		3
	C3620	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3623	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3624	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C3627	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C3629	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C3631	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3633	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C3634	nsp	CC73CH1H100DT +1005		00D2575002926	1		3
	C3637	nsp	CC73CH1H100DT +1005		00D2575002926	1		3
	C3642	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3645	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C3646	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C3649	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C3650-3652	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C3659-3661	nsp	CK73X5R0J106MT(2125)		132450038507S	3		3
	C3662-3664	nsp	CK73B1E103KT(1005)		00D2575008946	3		3
	C3665-3667	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C3668-3673	nsp	CK73X5R0J106MT(2125)		132450038507S	6		3
	C3674-3676	nsp	CC73CH1H100DT +1005		00D2575002926	3		3
	C3679-3681	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C3682-3684	nsp	CK73B1H102KT +1005		00D2575006993	3		3
	C5001	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C5002,5003	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C5004	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C5005	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C5006-5008	nsp	CK73B1H102KT +1005		00D2575006993	3		3
	C5009,5010	nsp	CK73B1A104KT +1005		00D2575008933	2		3
	C5011,5012	nsp	CC73CH1H8R0DT +1608		00D2570503909	2		3
	C5013-5024	nsp	CK73B1A104KT +1005		00D2575008933	12		3
	C5025	nsp	CK73B1H153KT +1608		00D2570501927	1		3
	C5026-5028	nsp	CK73B1A104KT +1005		00D2575008933	3		3
	C5029	nsp	CK73B1A105KT +1608		00D2570521907	1		3
	C5030	nsp	CK73B1H102KT +1005		00D2575006993	1		3
	C5031	nsp	CK73B0J475KT +1608		00D2570522906	1		3
	C5032	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C5034	nsp	CK73B1A104KT +1005		00D2575008933	1		3
	C5036	nsp	CK73B1E104KT +1608		00D2570516954	1		3
	C5037	nsp	CK73X5R0J106MT(2125)		132450038507S	1		3
	C9500-9508	00D2544601934	CE67W0J101MT(P.CAP) +REF		00D2544601934	9		3
	C9510-9513	00D2544601934	CE67W0J101MT(P.CAP) +REF		00D2544601934	4		3
	OTHER PARTS GROUP							
	B0602	nsp	M3 SCREW TERMINAL H=7		44431050800AD	1		3
	B1801	nsp	M3 SCREW TERMINAL		00D2051034007	1		3
	L0101-0104	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	4		3
	L0106	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	1		3
	L0201-0204	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	4		3
	L0206	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	1		3
	L0301-0304	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	4		3
	L0306	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	1		3
	L0401-0404	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	4		3
	L0406	13235007050AS	EMIFIL(NFM18PS105R0J3D)		13235007050AS	1		3
	L0601,0602	113410001506S	DLW21SN900HQ2L		113410001506S	2		3
	L0603	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L0605	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L0607	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L0609	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L0611	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L0613	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L0615	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L0617	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L1201	nsp	CHIP EMIFIL(11A121) +1608		00D2350130903	1		3
	L1801-1805	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	5		3
	L1901	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L1903-1905	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	3		3
	L1907-1909	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	3		3
	L1911,1912	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	2		3
	L2000-2012	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	13		3
	L2400,2401	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	2		3
	L2402	nsp	FBMJ3216HL160NT		11351002250AS	1	*	3
	L2403	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L2404	nsp	FBMJ3216HL160NT		11351002250AS	1	*	3
	L2405-2407	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	3		3
	L2600,2601	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	2		3
	L2602	nsp	FBMJ3216HL160NT		11351002250AS	1	*	3
	L2603,2604	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	2		3
	L2605	nsp	FBMJ3216HL160NT		11351002250AS	1	*	3
	L2606,2607	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	2		3
	L2801-2808	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	8		3
	L2810	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L2812,2813	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	2		3
	L2815-2817	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	3		3
	L3000	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3400	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3401	nsp	FBMJ3216HL160NT		11351002250AS	1	*	3
	L3402-3404	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	3		3
	L3405	nsp	FBMJ3216HL160NT		11351002250AS	1	*	3
	L3406	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3408	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3600	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3602	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3606	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3608	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3614	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3616	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3618	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3620	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3622	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3624	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L3626	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	L5001	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		3
	N0601	64301022520AS	RJ45-CONN (RJ051-FD08M3B1A15)		64301022520AS	1		3
	N0603	nsp	B5B-PH-K-S (LF)(SN)		00MYJ06006250	1		3
	N0604	nsp	11P SOCKET(C125Z2)		645010057000S	1		3
	N0606	nsp	7P FFC BASE(9610SC)		00D2051343950	1		3
	N0607,0608	nsp	64P(S1210-64SVB-S01-1R)		64501020150AS	2		3
	N0609	nsp	7P FFC BASE(9610SC)		00D2051343950	1		3
	N1001	nsp	33P SOCKET(C125Z2)		645010057093S	1		3

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	N1804	nsp	33P SOCKET(C125Z2)		645010057093S	1		3
	N1805	nsp	21P SOCKET(C125Z2)		645010057055S	1		3
	N1806	nsp	19P SOCKET(C125Z2)		645010057048S	1		3
	N1807	nsp	19P FFC BASE(9610SC)		00D2051313951	1		3
	N1808	nsp	BASE POST 6P S6B-EH NICHIATSU		00MYP06011860	1		3
	N2101	nsp	11P FFC BASE(9610SCA		00D2051343905	1		3
	N2400-2402	64401030161AS	A0D7ABAR1990		64401030161AS	3		3
	N2600,2601	64401030161AS	A0D7ABAR1990		64401030161AS	2		3
	N2603	64401030161AS	A0D7ABAR1990		64401030161AS	1		3
	N2700	64401030161AS	A0D7ABAR1990		64401030161AS	1		3
	N2800	nsp	7P FFC BASE(9610SC)		00D2051343950	1		3
	N3401,3402	64401030161AS	A0D7ABAR1990		64401030161AS	2		3
	N3403	nsp	25P FFC.BASE(9610SCA +REF		00D2051313906	1		3
	N5002	nsp	11P FFC BASE(9610SCA		00D2051343905	1		3
	N5003	nsp	17P SOCKET(C125Z2)		645010057031S	1		3
	N5004	nsp	19P SOCKET(C125Z2)		645010057048S	1		3
	N5007	nsp	40FMN-BMTTR-A-TBT(LF)(SN)		645010076506S	1		3
	N5010	64401030161AS	A0D7ABAR1990		64401030161AS	1		3
	S0601	00D2121204903	SLIDE SW(SSSS820201)		00D2121204903	1		3
	X2000	14181006950AS	TXC 7V(27MHZ)		14181006950AS	1		3
	X2101	14181006550AS	TXC 7V(12MHZ)		14181006550AS	1		3
	X2400	14181006950AS	TXC 7V(27MHZ)		14181006950AS	1		3
	X2601	14181006950AS	TXC 7V(27MHZ)		14181006950AS	1		3
	X2800	14181006950AS	TXC 7V(27MHZ)		14181006950AS	1		3
	X3400	14181006950AS	TXC 7V(27MHZ)		14181006950AS	1		3
	X5001	14181006550AS	TXC 7V(12MHZ)		14181006550AS	1		3
	Z0001-0003	nsp	STYLE PIN		00D2050452017	3		3

CX870 CONNECT for AV8802 PCB ASS'Y

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	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	SEMICONDUCTORS GROUP							
	U0001	23181020250AS	BD00HA3WEFJ-E2		23181020250AS	1		
	U0002	00MHC012405KY	TC7SGU04FE(TE85L F		00MHC012405KY	1		
	U0003	18901010200AS	BT MODULE(IBT-06)		18901010200AS	1		
	U0902	23681012650AS	NCP380HMU21AATBG		23681012650AS	1		
	U0903	231810089509S	EX3AV		231810089509S	1		
	RESISTOR GROUP							
	R0001	nsp	RM73B--393JT +1608		00D2472011926	1		
	R0002	nsp	RM73B--113JT +1608		00D2472009996	1		
	R0003	nsp	RM73B--103JT +1005		00D2473010984	1		
	R0004	nsp	RM73B--106KT +1608		00D2472017904	1		
	R0005	nsp	RM73B--824JT +1608		00D2472014949	1		
	R0006,0007	nsp	RM73B--103JT +1005		00D2473010984	2		
	R0902-0905	nsp	RM73B--0R0KT +1608		00D2472018903	4		
	R0909	nsp	RM73B--102JT +1608		00D2472007943	1		
	R0915	nsp	RM73B--103JT +1005		00D2473010984	1		
	R0963	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R0964,0965	nsp	RM73B--103JT +1005		00D2473010984	2		
	R0968-0971	nsp	RM73B--0R0KT+1005		00D2473001906	4		
	R0972,0973	nsp	RM73B--0R0KT +2125		00D2470018905	2		
	R0974	nsp	RM73B--103JT +1005		00D2473010984	1		
	R0975	nsp	RM73B--0R0KT+1005		00D2473001906	1		
	R0980-0982	nsp	PRB3T4=0R0(1005X4)		126250001502S	3		
	R3603	nsp	RM73B--473JT+1005		00D2473012940	1		
	R3626	nsp	RM73B--154DT(1608)		00D2472038925	1		
	R3627	nsp	RM73B--124DT(1608)		00D2472038909	1		
	R3631	nsp	RM73B--514JT +1608		00D2472013995	1		
	R3659	nsp	RM73B--100JT		00D2473003962	1		
	R9039,9040	nsp	RM73B--0R0KT +1608		00D2472018903	2		
	CAPACIITORS GROUP							
	C0001	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C0002,0003	nsp	CK73B1A105KT +1608		00D2570521907	2		
	C0004	nsp	CC73CH1H220JT +1608		00D2570504908	1		
	C0005-0007	nsp	CK73B1A104KT +1005		00D2575008933	3		
	C0008	nsp	CC73CH1H270JT +1608		00D2570504924	1		
	C0020	nsp	CK73B1H102KT +1608		00D2570509929	1		
	C0901	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C0907	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0930	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C0951-0954	nsp	CK73X5R0J106MT(2125)		132450038507S	4		
	C0996-0999	nsp	CK73B1A104KT +1005		00D2575008933	4		
	C3603	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3615	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C3619	nsp	CK73B1E103KT(1005)		00D2575008946	1		
	C3623	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3627	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C3633	nsp	CK73X5R0J106MT(2125)		132450038507S	1		
	C3637	nsp	CC73CH1H100DT +1005		00D2575002926	1		
	C3645	nsp	CK73B1A104KT +1005		00D2575008933	1		
	C3649	nsp	CK73B1H102KT +1005		00D2575006993	1		
	OTHER PARTS GROUP							
	B0901,0902	nsp	M3 SCREW TERMINAL H=4.5		44431034300AD	2		
	L0001,0002	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	2		
	L0901,0902	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	2		
	L3601	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	L3606	nsp	E.FIL(BLM21PG221SN1)+2125		00D2350147909	1		
	N0001	nsp	B11B-PH-K-S (LF)(SN)		00MYJ06006310	1		
	N0901	nsp	S11B-PH-K-S (LF)(SN)		00MYJ06006510	1		
	N0902	nsp	120P(14 5046 120 645 829+)		64501020350AS	1		
	N0903	nsp	S6B-PH-K-S (LF)(SN)		00MYJ06006460	1		
	N0905,0906	nsp	64P(S1262-64SVB-S02-1R)		64501020250AS	2		
	X0001	00MJX0000246Y	TFX-02(32.768kHz)		00MJX0000246Y	1		
		nsp	3P SCN-5P SAN 130mm		61205064300AS	1		

EXPLODED

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	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	A1	nsp	FRONT UNIT		8U-110161-1	1	*	
	├A2	-	SOURCE UNIT		8U-110161-2	1		
	├A3	-	VOL UNIT		8U-110161-3	1		
	├A4	-	PHONO UNIT		8U-110161-4	1		
	├A5	-	H/P UNIT		8U-110161-5	1		
	├A6	-	HDAM CONNECT UNIT		8U-110161-6	1		
	└A7	-	DOOR SW UNIT		8U-110161-7	1		
	B1	nsp	XLR OUT UNIT		8U-110162-1	1	*	
	├B2	-	Q204 UNIT		8U-110162-2	1		
	├B3	-	Q203 UNIT		8U-110162-3	1		
	├B4	-	Q208 UNIT		8U-110162-4	1		
	├B5	-	Q207 UNIT		8U-110162-5	1		
	└B6	-	SMPS UNIT		8U-110162-6	1		
	C1	9U-210202	HDAM XLR-AMP UNIT		8U-210202-1	1	*	
	├C2	-	XLR IN_TEMOTE IO_232C UNIT		8U-210202-2	1		
	├C3	-	CONNECTOR-3 UNIT		8U-210202-3	1		
	└C4	-	FRONT HDMI USB UNIT		8U-210202-4	1		
	D1	nsp	AUDIO/VIDEO UNIT		8U-210163-1	1	*	
	├D3	-	PCB CONNECT-1		8U-210163-3	1		
	├D4	-	PCB CONNECT-2		8U-210163-4	1		
	├D8	-	PCB CONNECT-4		8U-210163-8	1		
	└D9	-	PCB CONNECT-5		8U-210163-9	1		
	E1	nsp	DAC UNIT		8U-210164-1	1	*	
	└E3	-	REAR USB UNIT		8U-210164-3	1		
	F	9U-310150G	DIGITAL UNIT (U, CX870)	AV8802 U	8U-310150G	1	*	
	F	9U-310150H	DIGITAL UNIT (N, CX870)	AV8802 N	8U-310150H	1	*	
	F	9U-310150J	DIGITAL UNIT (F, CX870)	AV8802 F	8U-310150J	1	*	
	F	9U-310202G	PWB DIGITAL ASSY (U, CY920)	AV8802A U	8U-310202G	1	*	3
	F	9U-310202H	PWB DIGITAL ASSY (N, CY920)	AV8802A N	8U-310202H	1	*	3
	F	9U-310202K	PWB DIGITAL ASSY (K, CY920)	AV8802A K	8U-310202K	1	*	3
	F	9U-310202J	PWB DIGITAL ASSY (F, CY920)	AV8802A F	8U-310202J	1	*	3
	G1	9U-310201A	PCB CX870 CONNECT UNIT(CX870)	AV8802	8U-310201-1	1		
	└G2	-	PCB BT MODULE(CX870)	AV8802	8U-310202-2	1		
	1	nsp	MAIN CHASSIS		44131007411AM	1	*	
	2	nsp	BOTTOM PLATE		40531001312AM	1	*	
	3	nsp	TRANS PLATE		44631006910AM	1		
	4	nsp	HDAM BRACKET		44431029900AM	1		
	5	nsp	HDMI STAY (A)		44231010120AM	1	*	
	6	nsp	L BRACKET(A)		44431051800AM	2	*	
	7	nsp	HDAM STAY		44231002900AM	1		
	8	nsp	PLATE RADIATOR AV8801 A368		44641007010AM	1		
	9	nsp	RADIATOR PLATE L		44631007400AM	1		
	10	40751010010AM	FOOT		40751010010AM	4	*	
	11	43401001100AM	FELT PAD		00D4610782015	4	*	
	12	nsp	BRACKET POWER		44431019500 7D	9		
	13	nsp	SPACER		45151021100AM	1	*	
	14	nsp	BRACKET MOUNT PWB AV8801 A368		44431030300AM	1		
!	15	10101023200AS	MAIN TRANS(AV8802U Toroidal)	U	10101023200AS	1	*	
!	15	10101023201AS	MAIN TRANS(AV8802N Toroidal)	N	10101023201AS	1	*	
!	15	10101023202AS	MAIN TRANS(AV8802K Toroidal)	K	10101023202AS	1	*	3
!	15	10101023203AS	MAIN TRANS(AV8802F Toroidal)	F	10101023203AS	1	*	
	16	nsp	BACK PANEL	U	40631014200AM	1	*	
	16	nsp	BACK PANEL	N	40631014201AM	1	*	
	16	nsp	BACK PANEL	F	40631014203AM	1	*	
	17	18301004000AS	HD RADIO MODULE(UMH-AVR)	U	18301004000AS	1		
	18	nsp	CARD SPACER (L=12)		00D4122814057	5		
	19	nsp	PWB BRACKET (FRONT/CNT)		44431033100AD	1		
	20	nsp	CARD SPACER (L=6)		00D4122814044	1		
	21	nsp	SMPS HOLDER		44431033300AD	1		
	22	nsp	SMPS COVER		44431033200AD	1		
	23	nsp	PWB BRACKET DIGITAL		44431051200AM	1	*	
	24	nsp	Terminal PHONO		48801000200AM	1		
	★	nsp	CORD HOLDER (L76)		0RD4450048003	2		
	★	nsp	WASHER 6TW		52135005100AS	2		
	★	nsp	WIRE CLAMPER		00D4458004007	14		
	25	nsp	PC SHEET		45151021600AM	1	*	
	26	nsp	RUBBER FOAM		47101021000AM	2	*	
	27	nsp	PC SHEET(SMPS)		45151021700AM	1	*	
	28	nsp	HEAT SINK(SMPS)		44731010100AD	1		
	29	nsp	RUBBER FOAM		47101021001AM	1	*	
	★	60605016109AS	FFC 19P 320mm 1.0mm		60605016109AS	1	*	
	★	60605016200AS	FFC 13P 80mm 1.25mm	U	60605016200AS	1		
	★	60605016201AS	FFC 33P 130mm 1.25mm		60605016201AS	1		
	★	nsp	3P 340mm PH-PH		61205051800AS	1		
	★	nsp	9P 240mm PH-PH		61205052100AS	1		
	★	nsp	11P 260mm PH-PH		61205052300AS	1		
	★	nsp	12P 260mm PH-PH		61205052400AS	1		
	★	nsp	14P 300mm PH-PH		61205052500AS	1		
	★	nsp	5P 220mm PH-PH		61205063800AS	1	*	
	★	nsp	3P 260mm EH-EH		61205051500AS	1		
	★	nsp	3P 300mm PH-PH		61205064000AS	1	*	
	★	nsp	10P 290mm PH-PH		61205052200AS	1		
	★	nsp	15P 230mm PH-PH		61205052600AS	1		
	★	nsp	16P 250mm PH-PH		61205052700AS	1		
	★	nsp	8P 380mm PH-PH		61205063900AS	1	*	
	★	nsp	6P 250mm EH-EH		61205062900AS	1		
	30	443510045206M	FRONT INNER PANEL BL SR7005 A332		443510045206M	1		
	31	42251005000AM	PLATE JACK BL AV8801 A368		42251005000AM	1		
	32	471510026002M	BUFFER DOOR UD9004 37AK		471510026002M	2		
	33	416510130000AM	WINDOW DOOR		416510130000AM	1	*	
	34	416510089000AM	WINDOW FILTER		416510089000AM	1		
	35	416510046009M	WINDOW CENTER SR7005 A332		416510046009M	1		
	36	424410019009M	RING CENTER BL SR7005 A332		424410019009M	1		
	37	451510099006M	SHEET MEDIUM SR7005 A332		451510099006M	1		
	38	481510018107M	LENS RING SR7005 A332		481510018107M	1		
	39	481510019100M	LENS IR BL SR7005 A332		481510019100M	1		
	40	40231027904AM	FRONT PANEL	U	40231027904AM	1	*	
	40	40231027905AM	FRONT PANEL (AL)	N	40231027905AM	1	*	
	40	40231027906AM	FRONT PANEL (AL)	F	40231027906AM	1	*	
	41	421410006004M	MARANTZ BADGE (AL) FOR M1 MODEL		421410006004M	1		
	42	40251050100AM	ESCUTCHEON (L)		40251050100AM	1	*	
	43	40251050200AM	ESCUTCHEON (R)		40251050200AM	1	*	
	44	411510121004M	BUTTON CURSOR BL SR7005 A332		411510121004M	1		
	45	411510120001M	BUTTON 4KEY BL SR7005 A332		411510120001M	1		
	46	451510098003M	SHEET BUTTON SR7005 A332		451510098003M	2		
	47	411510122007M	BUTTON 11KEY BL SR7005 A332		411510122007M	1		

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	48	411510021005M	BUTTON BL		411510021005M	1		
	49	481510020001M	LENS STANDBY SR7005 A332		481510020001M	1		
	50	nsp	SHAFT DOOR SR7005 A332		461310010002M	2		
	51	415410023103M	DOOR BL SR7005 A332		415410023103M	1		
	52	417510015008M	HINGE DOOR BL SR7005 A332		417510015008M	1		
	53	42251006000AM	COVER DOOR INNER		42251006000AM	1	*	
	54	nsp	SPRING DOOR SR7005 A332		473410007008M	1		
	55	nsp	BRACKET DOOR SR7005 A332		444310243005M	1		
	★	nsp	P-WASHER WITH ADHESIVE		521550006000P	1		
	56	nsp	DAMPER DOOR SR7005 A332		474510008003M	1		
	57	nsp	MAGNET DOOR SR7005 A332		457010003008M	1		
	58	nsp	HDMI USB BRACKET		44431030100AM	1		
	★	446410050000M	PLATE EARTH SR7005 A332		446410050000M	2		
	59	nsp	SHEET		00M316J107010	1		
	60	nsp	FRONT CHASSIS		44131007521AM	1	*	
	61	nsp	PC SHEET		44551014800AS	1		
	62	nsp	RUBBER SHEET (20x10.T6)		47101006701AS	2		
	★	nsp	PC SHEET(A)		45151012900AS	4		
	★	nsp	PC SHEET(B)		45151013000AS	4		
	63	nsp	FFC HOLDER		44551020600AM	1	*	
	64	nsp	SPACER		43601006000AS	4		
	65	41201009400AM	KNOB BL AV8801 A368		41201009400AM	2		
	66	424510004006M	RING VOLUME BL PM7003 24AJ		424510004006M	2		
	★	nsp	POP LABEL	AV8802 U	54411039300AM	1	*	
	★	nsp	POP LABEL (N)	AV8802 N	54411221500AM	1	*	
	★	nsp	POP LABEL (F)	AV8802 F	54411221700AM	1	*	
	★	nsp	POP LABEL	AV8802A U	54411223000AM	1	*	3
	★	nsp	POP LABEL (N)	AV8802A N	54411223100AM	1	*	3
	★	nsp	POP LABEL (F)	AV8802A F	54411223200AM	1	*	3
	★	nsp	POP LABEL (K)	AV8802A K	54411223200AM	1	*	3
	★	nsp	ALUMINUM TAPE	N	00D4141010010	45㎜		
	★	nsp	SPOTIFY LABEL	U, N	54411222000AD	1		
	★	nsp	5P 530mm PH-PH (USB)		61205049400AS	1		
	★	60605030102AS	FFC 25P(AC+AL)350mm 1.0mm		60605030102AS	1	*	
	★	60605016108AS	FFC 40P 290mm 1.0mm		60605016108AS	1		
	★	nsp	3P 70mm PH-PH		61205051700AS	1		
	★	nsp	5P 100mm PH-PH		61205051900AS	1		
	★	nsp	7P 300mm PH-PH		61205049703AS	1	*	
	★	nsp	UL TUBE(16) BK 110mm		65401002001AS	1	*	
	★	nsp	WIRE CLAMPER		00D4458004007	2		
	67	nsp	TOP COVER STAY		44231002610AM	2		
	68	40331006810AM	TOP COVER CENTER		40331006810AM	1		
	69	40331006900AM	TOP COVER (L)		40331006900AM	1		
	70	40331007000AM	TOP COVER (R)		40331007000AM	1		
	71	nsp	SHEET DAMPER		00M04AJ056070	1		
	★	nsp	GASKET NLCG-030100		44801002602AS	140㎜		
	★	nsp	ALUMINUM TAPE		00D4141010007	470㎜		
	★	nsp	GASKET NLCG-030100		44801002602AS	400㎜		
	★	nsp	GASKET NLCG-030100		44801002602AS	120㎜		
	72	419510012005M	MASK TOP LID REAR		419510012005M	1		
	73	-	CX870 MODULE	AV8802	18901010100AS	1		
	┣73	9R1891003400M	CX870 MODULE SUB ASSY (8802/U CX870)	AV8802 U	9R1891003400M	1	*	
	┣73	9R1891003401M	CX870 MODULE SUB ASSY (8802/N CX870)	AV8802 N	9R1891003401M	1	*	
	┗73	9R1891003402M	CX870 MODULE SUB ASSY (8802/F CX870)	AV8802 F	9R1891003402M	1	*	
	74	-	CY920 MODULE(CY920)	AV8802A	18901006500AS	1		3
	┗74	9R1891003100M	CY920 MODULE ASSY (8802, CY920)	AV8802A	9R1891003100M	1	*	3
	★	nsp	UL TUBE(16)K	AV8802	65401002000AS	1		
	★	nsp	5P-6P 160mm PH-PH	AV8802	61205063200AS	1		
	★	nsp	11P XXXmm PH-PH(BT)	AV8802	61205063300AS	1		
	★	nsp	CORD HOLDER (L50)		0RD4450048016	1		
	★	nsp	3P SCN-5P SAN 130mm	AV8802	61205064300AS	1		
	★	nsp	A LABEL (REAR)	AV8802A	54411223400AM	1	*	3
	SCREW GROUP							
	101	nsp	SCREW		00M51100306M9	16		
	102	nsp	SCREW 3X10 (+)BH MS CU CLEAR		00M51100310M0	4		
	103	nsp	B.T.SCREW EX600240		00M51260308M0	6		
	104	nsp	SCREW		00M51270308M0	4		
	105	nsp	SCREW		00M51280308M0	60		
	106	nsp	SCREW		00M51280310M0	9		
	107	nsp	SCREW		00M51280312M0	3		
	108	nsp	SCREW		00M51280408M0	10		
	109	nsp	SCREW		00M51282608U0	3		
	110	nsp	SCREW		00M51290308M0	22		
	111	nsp	SCREW		00M51500308M0	8		
	112	nsp	3X8 CFTS (S)-B		0RD4737003017	1		
	113	nsp	3X10 CBTS (S)-Z		0RD4737005002	1		
	114	nsp	3X8 CBTS (P)-Z		0RD4737500015	2		
	115	nsp	3W		0RD4751003006	2		
	116	nsp	SPECIAL SCREW		0RD4770262019	1		
	117	nsp	3X8 CPTS(B)-CU		51235000500AS	30		
	118	nsp	3x10 CBTS(B)-CU		51435000300AS	88		
	119	nsp	SCREW		00M51280306M0	2		
	120	nsp	4W (POLYSLIDER)		52155005200AM	6		
	121	nsp	3W (POLYSLIDER)		52155005300AM	1		

PACKING

※Parts indicated by "nsp"on this table cannot be supplied.

※The parts listed below are only for maintenance. Therefore they might differ from the parts used in the unit in appearances or dimensions

NOTE:The symbols in the column Remarks indicate the following destinations.

U : North America model N : Europe model K : China model F : Japan model

B : Black model SG : Silver Gold model

	REF No.	Part No.	Part Name	Remarks		Q'ty	New	Ver
	P1	nsp	CABINET SHEET		00D5040192106	1		
	P2	53121041300AM	CARTON CASE		53121041300AM	1	*	
	P3	53361040000AM	CUSHION ASSY		53361040000AM	1	*	
	P4	nsp	ENVELOPE (ZIPPER A4_CAUTION)		535510049008S	1		
	P5	nsp	ENVELOPE (ZIPPER A5 HOLE)		53551005900AS	1		
	P6	35201031600AM	INST. MANUAL (U CD-ROM)	AV8802 U	35201031600AM	1	*	
	P6	35201031700AM	INST. MANUAL (N-1 CD-ROM)	AV8802 N	35201031700AM	1	*	
	P6	35201035800AM	INST.MANUAL(F CD-ROM)	AV8802 F	35201035800AM	1	*	
	P6	35201037600AM	INST. MANUAL (U CD-ROM)	AV8802A U	35201037600AM	1	*	3
	P6	35201037700AM	INST. MANUAL (N CD-ROM)	AV8802A N	35201037700AM	1	*	3
	P6	35201037800AM	INST. MANUAL (K CD-ROM)	AV8802A K	35201037800AM	1	*	3
	P6	35201037900AM	INST. MANUAL (F CD-ROM)	AV8802A F	35201037900AM	1	*	3
	P7	54111115000AM	GETTING STARTED U	AV8802 U	54111115000AM	1	*	
	P7	54111115100AM	GETTING STARTED N	AV8802 N	54111115100AM	1	*	
	P7	54111121200AM	GETTING STARTED F	AV8802 F	54111121200AM	1	*	
	P7	54111125800AM	QUICK START GUIDE (U)	AV8802A U	54111125800AM	1	*	3
	P7	54111125900AM	QUICK START GUIDE (N)	AV8802A N	54111125900AM	1	*	3
	P7	54111126000AM	QUICK START GUIDE (K)	AV8802A K	54111126000AM	1	*	3
	P7	54111126100AM	QUICK START GUIDE (F)	AV8802A F	54111126100AM	1	*	3
	P8	nsp	SAFETY INSTRUCTIONS (U)	AV8802 U	54311037220AM	1	*	
	P8	nsp	SAFETY INSTRUCTIONS(N)	AV8802 N	54311037010AM	1	*	
	P8	nsp	SAFETY INSTRUCTIONS (JP)	AV8802 F	54111093440AD	1	*	
	P8	nsp	SAFETY INSTRUCTIONS (U)	AV8802A U	54311037220AM	1	*	3
	P8	nsp	SAFETY INSTRUCTIONS(N)	AV8802A N	54311043600AM	1	*	3
	P8	nsp	SAFETY INSTRUCTIONS (E1C)	AV8802A K	54311043300AS	1	*	3
	P8	nsp	SAFETY INSTRUCTIONS (JP)	AV8802A F	54311043400AS	1	*	3
	P9	nsp	SAFETY INSTRUCTIONS (NOTES ON RADIO)	AV8802	54311041500AM	1		
	P9	nsp	SAFETY INSTRUCTIONS (NOTES ON RADIO)	AV8802A	54311042700AM	1	*	3
	P10	nsp	WARRANTY USA	U	54311010512AM	1		
	P11	nsp	WARRANTY F (HOSHOUSHO)	F	00M27AK854013	1		
	P12	nsp	WARRANTY CANADA	U	00M183J854018	1		
	P13	11601005100AS	AM LOOP ANTENNA		11601005100AS	1		
	P14	11601005200AS	FM ANTENNA ASSY		11601005200AS	1		
!	P15	61105010000AS	AC CORD SET (E3 WHT)	U	61105010000AS	1		
!	P15	61105010100AS	AC CORD SET (E2 WHT)	N	61105010100AS	1		
!	P16	61105004200AS	OFC AC CORD SET(H20)	F	61105004200AS	1		
!	P16	61105010200AS	AC CORD SET (E1C WHT)	K	61105010200AS	1		3
	P17	nsp	POLY COVER	U / N / K	00D5050038072	1		
	P18	32401000800AD	MIC AUDYSSEY ACM1HB		32401000800AD	1		
	P19	nsp	AUDYSSEY MIC LABEL		54411042410AS	1		
	P20	30701016400AM	RC027SR REMOTE CONTROLLER		30701016400AM	1		
	P21	nsp	BATTERY (R03X2) EASTPOWER		69105000500AS	1		
	P22	42911002000AS	MIC STAND		42911002000AS	1		
	★	nsp	MIC STAND FLY SHEET		54311039300AD	1		
	P23	54411039400AM	SP CABLE LABEL		54411039400AM	1		
	P24	nsp	ANTENNA LABEL		54411042500AS	1		
	P25	nsp	FM ANTENNA LABEL		54411221400AS	1		
	P26	nsp	CARTON LABEL (U)	U	54411221800AM	1	*	
	P26	nsp	CARTON LABEL (N)	N	54411221900AM	1	*	
	P26	nsp	LABEL AAC SR7005 A332	F	544110222009M	1		
	P27	nsp	SHEET SERVICE ADRESS(F)	F	00M416K851235	1		
	P28	nsp	USER CARD (F)	F	00M21AK865019	1		
	P29	11601005400AS	WI-FI ANTENNA(RFDPA870900SBAB801)		11601005400AS	2		
	P30	nsp	WI-FI ANTENNA FLY SHEET		54311038300AS	1		
	P31	nsp	ENVELOPE(ZIPPER B7)		53551020100AS	1		
	P32	nsp	FLY SHEET	AV8802 F	54311037400AS	1		
	P33	nsp	CONT LABEL SUB ASSY	AV8802 U	8W5451030100M	1	*	
	P33	nsp	CONT LABEL SUB ASSY	AV8802 N	8W5451030101M	1	*	
	P33	nsp	CONT LABEL SUB ASSY	AV8802 F	8W5451030103M	1	*	
	P33	nsp	CONT LABEL SUB ASSY	AV8802A U	8W5451032000M	1	*	3
	P33	nsp	CONT LABEL SUB ASSY	AV8802A N	8W5451032001M	1	*	3
	P33	nsp	CONT LABEL SUB ASSY	AV8802A F	8W5451032003M	1	*	3
	P33	nsp	CONT LABEL SUB ASSY	AV8802A K	8W5451032002M	1	*	3
	┣★	nsp	CONT.LABEL BASE(D&M)		545110022004S	1		
	┗★	nsp	CONT LABEL FILM		545010028003S	1		
	P34	nsp	MAC ADDRESS SUB ASSY		8W5441032100S	1		
	┣★	nsp	SERIAL NO SHEET BASE		00D5134170005	2		
	┗★	nsp	BAR CODE LABEL FILM		00D5133326009	1		
	P35	54411222800AD	A LABEL (CARTON)	AV8802A	54411222800AD	5	*	3
	P36	54411222900AD	LABEL (HDCP)	AV8802A	54411222900AD	2	*	3
	★	nsp	CLEAR LABEL(44X12 T0.05)	U / K	00M32AK861900	1		
	★	nsp	LICENSE SUB ASSY	AV8802 U	8W5441042300D	1		
	★	nsp	LICENSE SUB ASSY	N	8W5441042301D	1		
	★	nsp	LICENSE SUB ASSY	F	8W5441042303D	1		
	★	nsp	LICENSE SUB ASSY	AV8802A U	8W5441047601D	1		3
	★	nsp	LICENSE SUB ASSY	AV8802A K	8W5441042302D	1		3
	┣★	nsp	ITF LABEL FILM		00D5134109005	123mm		
	┗★	nsp	ITF LABEL BASE		54411032000AS	1		
	★	nsp	ANTENNA ISOLATOR	K	18901004900AS	1		3
	★	nsp	WARRANTY CHINA MZ	K	54311016220AM	1		3