

# STR-LV700R

## SERVICE MANUAL

Ver 1.2 2004.06

AEP Model  
UK Model



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### SPECIFICATIONS

#### Amplifier section

##### POWER OUTPUT

Rated power output in stereo mode

(8  $\Omega$  1 kHz, DIN) 50 W + 50 W

Reference power output

(4  $\Omega$  1 kHz, DIN) FRONT<sup>1)</sup>: 75 W/ch

CENTER<sup>1)</sup>: 75 W

SURROUND<sup>1)</sup>: 75 W/ch

<sup>1)</sup> Depending on the sound field settings and the source, there may be no sound output.

Frequency response 20 Hz – 20 kHz

DVD, TV/SAT, HDD/MD Sensitivity: 500 mV

Inputs (analogue) Impedance: 50 k $\Omega$

DVD, TV/SAT, HDD/MD S/N<sup>2)</sup>: 84 dB  
(A, 500 mV<sup>3)</sup>)

<sup>2)</sup> Input short.

<sup>3)</sup> Weighted network, input level.

##### Inputs (digital)

DVD (coaxial) Impedance: 75  $\Omega$

S/N: 90 dB

(A, 20 kHz LPF)

DVD, TV/SAT, S/N: 90 dB

HDD/MD (optical) (A, 20 kHz LPF)

##### Sampling frequency

COAX, OPT 96 kHz

##### Outputs

LINE (subwoofer) Voltage: 2 V

Impedance: 1 k $\Omega$

#### FM tuner section

Tuning range 87.5 – 108.0 MHz

Antenna terminals 75  $\Omega$ , unbalanced

Intermediate frequency 10.7 MHz

Sensitivity

Mono: 18.3 dBf, 2.2  $\mu$ V/75  $\Omega$

Stereo: 38.3 dBf, 22.5  $\mu$ V/75  $\Omega$

Useable sensitivity 11.2 dBf, 1  $\mu$ V/75  $\Omega$

S/N

Mono: 76 dB

Stereo: 70 dB

Harmonic distortion at 1 kHz

Mono: 0.3%

Stereo: 0.5%

Separation 45 dB at 1 kHz

Frequency response 30 Hz – 15 kHz,

+0.5/-2 dB

Selectivity 60 dB at 400 kHz

#### AM tuner section

Tuning range 531 – 1,602 kHz

Antenna Loop antenna

Intermediate frequency 450 kHz

Usable sensitivity 50 dB/m (at 999 kHz)

S/N 54 dB (at 50 mV/m)

Harmonic distortion 0.5% (50 mV/m, 400 Hz)

Selectivity

At 9 kHz: 35 dB

– Continued on next page –

**FM STEREO**  
**FM-AM RECEIVER**

9-961-435-03

2004F02-1

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**Sony Corporation**

Home Audio Company

Published by Sony Engineering Corporation

**SONY**®

**Video section**

Input  
VIDEO: 1 Vp-p 75 Ω  
Output  
MONITOR: 1 Vp-p 75 Ω

**Network Media section**

Hardware decoder  
MPEG2  
Maximum 8 Mbps, 720 x 480 pixels, 30 fps  
MPEG1  
1.41 Mbps, 352 x 240 pixels, 30 fps  
Playable file formats  
Giga Pocket video  
MPEG2, MPEG1  
SonicStage music  
ATRAC3, ATRAC3plus, WAV, MP3. WMA is not supported.  
Photo Server images  
BMP, TIFF, GIF, JPEG, PNG  
Interface  
Network  
100Base-TX  
Compatible computers  
VAIO computers bought after October 2003, running Windows XP Professional or Windows XP Home Edition

**General**

Power requirements 230 V AC, 50/60 Hz  
Power consumption 95 W  
Dimensions 430 x 65 x 288 mm including projections and controls  
Mass (approx.) 3.2 kg

**Package contents**

AM loop antenna (1)  
Allen screwdriver (1)  
Connection adapter (1)  
Cross-wired cable (1)  
FM wire antenna (1)  
Network cable (approx. 170 cm, 1)  
Network cable ferrite core (1)  
R6 (AA) batteries (2)  
Remote control (RM-U70R)(1)  
Speaker cable ferrite core (2)  
Speaker plug (5)

Design and specifications are subject to change without notice.

**TABLE OF CONTENTS**

Specifications ..... 1

**1. GENERAL** ..... 3

**2. SERVICING NOTES** ..... 4

**3. TEST MODE** ..... 7

**4. DIAGRAMS**

4-1. IC Pin Function Descriptions ..... 13

4-2. Block Diagrams – Tuner/DSP Section – ..... 18  
Block Diagrams – Display/Power Section – ..... 19

4-3. Printed Wiring Boards  
– Digital Section (Side A)– ..... 20  
Printed Wiring Boards  
– Digital Section (Side B)– ..... 21

4-4. Schematic Diagram – Digital Section (1/3)– ..... 22

4-5. Schematic Diagram – Digital Section (2/3)– ..... 23

4-6. Schematic Diagram – Digital Section (3/3)– ..... 24

4-7. Schematic Diagram – Amp Section (1/2)– ..... 25

4-8. Schematic Diagram – Amp Section (2/2)– ..... 26

4-9. Printed Wiring Boards – Amp Section– ..... 27

4-10. Schematic Diagram – Display Section– ..... 28

4-11. Printed Wiring Boards – Display Section– ..... 29

4-12. Schematic Diagram – Power Section– ..... 30

4-13. Printed Wiring Boards– Power Section– ..... 31

4-14. IC Block Diagrams ..... 32

**5. EXPLODED VIEWS**

5-1. Front Panel Section ..... 33

5-2. Cabinet Section ..... 34

**6. ELECTRICAL PARTS LIST** ..... 35

**Unleaded solder**

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead. (Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)



**: LEAD FREE MARK**

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40°C higher than ordinary solder.  
Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.  
Soldering irons using a temperature regulator should be set to about 350°C.  
Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity  
Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder  
It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

**Notes on chip component replacement**

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

**SAFETY-RELATED COMPONENT WARNING!!**

**COMPONENTS IDENTIFIED BY MARK △ OR DOTTED LINE WITH MARK △ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.**

**SECTION 1  
GENERAL**

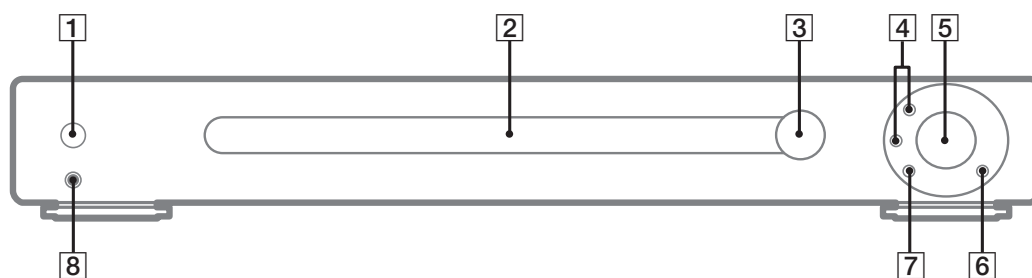
This section is extracted  
from instruction manual.

**Main unit****Alphabetical order**

Display [2]  
INPUT SELECTOR [3]  
MUTING [6]  
PHONES jack [8]  
PRESET TUNING +/- [4]  
SOUND FIELD [7]  
VOLUME [5]

**Symbols**

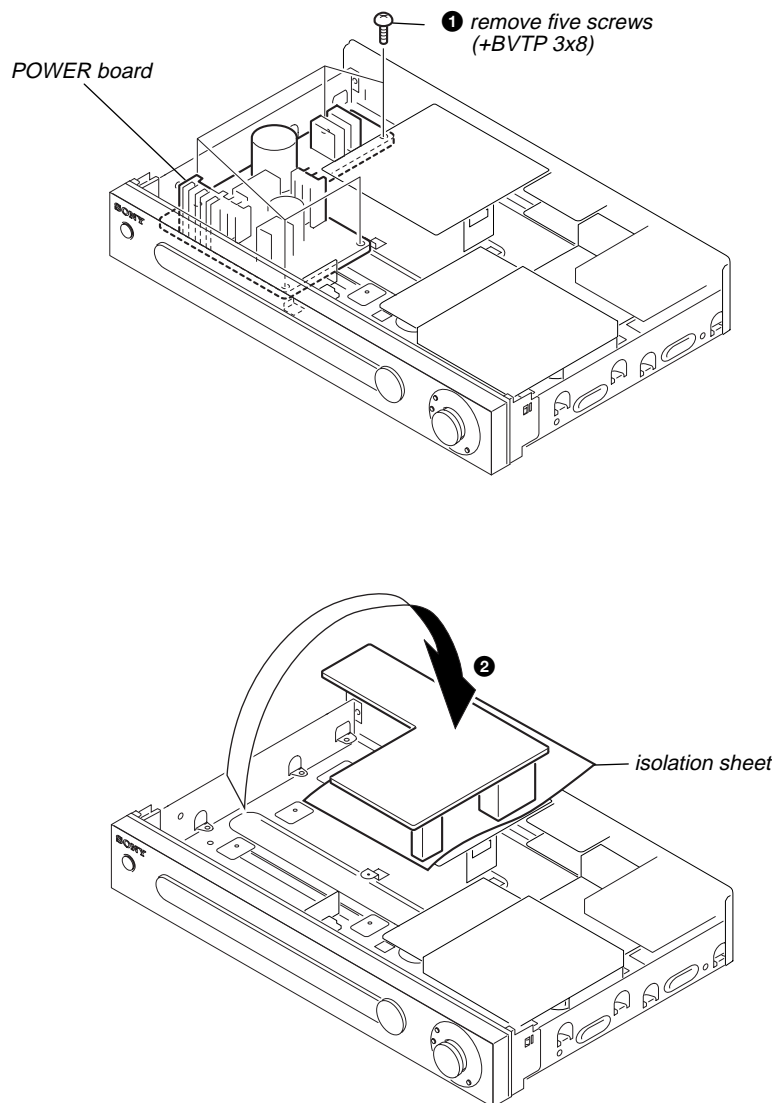
I/⏻ (power) [1]



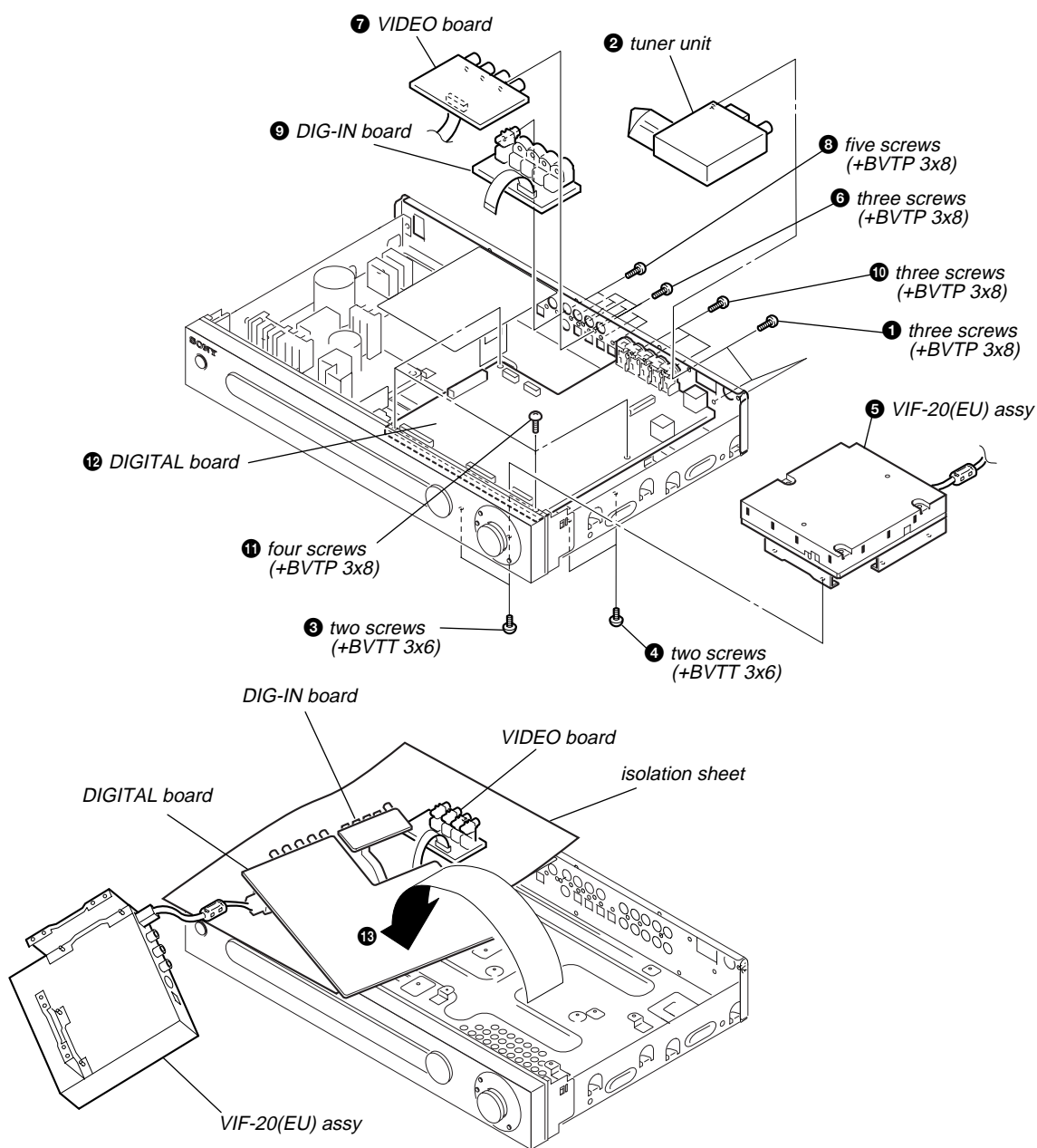
## SECTION 2 SERVICING NOTES

### SERVICE POSITION

- POWER BOARD



• VIDEO, DIG-IN, DIGITAL BOARD



## • AMP BOARD

• On Removal

① Bend claws 90 degree clockwise.



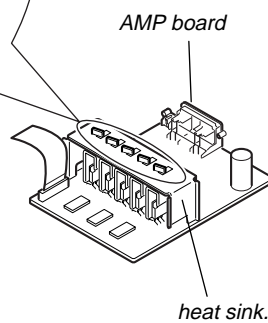
② Slide up the heat sink.

• On Attaching

② Bend claws 90 degree counterclockwise.



① Slide down the heat sink.



## SECTION 3 TEST MODE

All test modes can be cancelled by turning the main power off.

### [SOUND FIELD CLEAR MODE]

The preset sound field is cleared when this mode is selected.  
(Use this mode before returning the product to the client after repairs have been completed.)

#### Procedure:

1. While depressing the **[SOUND FIELD]** button, press the **[I/⏻]** button to turn the main power on.
2. The message "SF.CLR." appears on the indicator and the sound field mode is cleared.

### [FACTORY SET MODE]

All preset modes are reset to the default settings.

#### Procedure:

1. While depressing the **[PRESET TUNING -]** button, press the **[I/⏻]** button to turn the main power on.
2. Press the **[ENTER (SELECT)]** button on the remote controller 3 times consecutively, then press the **[MAIN MENU]** button followed by the **[A.F.D]** button.
3. The message "FACTORT" appears on the indicator tube and all the modes are reset to the default settings.

### [ALL CLEAR MODE]

All the preset values are cleared when this mode is selected.

#### Procedure:

1. While depressing the **[PRESET TUNING -]** button, press the **[I/⏻]** button to turn the main power on.
2. Press the **[ENTER (SELECT)]** button on the remote controller 3 times consecutively, then press the **[MAIN MENU]** button followed by the **[➡]** button.
3. The message "CLEARED" appears on the indicator tube and all the preset values are cleared. After the backup operation is completed, the main power turns off automatically.

### [SOFTWARE VERSION DISPLAY MODE]

The software version is displayed.

#### Procedure:

1. While depressing the **[PRESET TUNING -]** button, press the **[I/⏻]** button to turn the main power on.
2. Press the **[ENTER (SELECT)]** button on the remote controller 3 times consecutively, then press the **[MAIN MENU]** button followed by the **[←]** button.
3. The software version is displayed (for example, "LSR CE 0.04") on the indicator tube.

### [KEY CHECK MODE]

The buttons are checked in this mode.

#### Procedure:

1. While depressing the **[PRESET TUNING -]** button, press the **[I/⏻]** button to turn the main power on.
2. Press the **[ENTER (SELECT)]** button on the remote controller 3 times consecutively, then press the **[MAIN MENU]** button followed by the **[↓]** button.
3. The message "REST 05" appears on the indicator tube.
4. To start the countdown, press any button (other than the **[I/⏻]** button).  
The buttons which have been already counted are not re-counted.
5. After all the buttons to be counted been pressed the message "REST 00" is displayed. This completes the key check operation.

### [FLUORESCENT INDICATOR TUBE TEST MODE]

All fluorescent indicator segments are tested in this mode.

#### Procedure:

1. While depressing the **[PRESET TUNING -]** button, press the **[I/⏻]** button to turn the main power on.
2. Press the **[ENTER (SELECT)]** button on the remote controller 3 times consecutively, then press the **[MAIN MENU]** button followed by the **[↑]** button.
3. All the fluorescent indicator segments turn on.
4. Each time the **[VIDEO]** button is pressed, the segments are turned on and off in the following order.  
Half of the segments turn on → the remaining half turn on  
→ all segments turn off → all the segments turn on.

### [DSP TEST MODE]

#### Procedure:

1. Press the **[I/⏻]** button to turn the main power on.
2. Press the **[ENTER (SELECT)]** button on the remote controller 3 times consecutively, then press the **[MAIN MENU]** button followed by the **[MUTING]** button.
3. "SWP.NORM" appears on the indicator and the DSP mode is set.
  - Select the item by pressing the cursor button **[↑]** or **[↓]**.
  - Select the function by pressing the cursor button **[←]** or **[→]**.

Items	Function	Description	Remark
SWAP	NORM	Normal channel output	Selection of setting output channels
	ALL	Left input → Front Left, Surround Left, Center channel output Right input → Front Right, Surround Right, Sub Woofer channel output	
	C SW	Left input → Center channel output Right input → Sub Woofer channel output	
	SLSR	Left input → Surround Left channel output Right input → Surround Right channel output	
DSP Version	-	“DSPV XXX” is displayed. Three large characters are the dsp version that is being used.	
DSP communication	-	When this item is selected the message will be displayed “OK” if the checking is correct. “ERROR” will be displayed in a case of an error.	Checking communication between DSP and microcom
Bass Management	-	Not used for service	
Main Speaker cut off Freq.	-	Not used for service	
LFE cut off Freq.	-	Not used for service	
Co-ef. Read Address	-	Not used for service	
Co-ef. Read Data	-	Not used for service	
Co-ef. Write Address	-	Not used for service	
Co-ef. Write Data	-	Not used for service	
SRAM	OFF	“RAMC. OFF” will be displayed in a case of no checking.	Checking communication between DSP and SRAM
	ON	By pressing Cursor button the checking starts. “RAMC. PASS” will be displayed if the checking is good. “RAMC. NG” will be displayed if an error occurs.	
Total operation time	-	TTL-XXXX xx is displayed.	Four large characters are hour. Two small characters are minutes.
Longest Power ON time	-	LNG-XXXX xx is displayed.	
Output time less than -50dB volume	-	V50-XXXX xx is displayed.	
Output time less than -40dB volume	-	V40-XXXX xx is displayed.	
Output time less than -30dB volume	-	V30-XXXX xx is displayed.	
Output time less than -20dB volume	-	V20-XXXX xx is displayed.	
Output time less than -10dB volume	-	V10-XXXX xx is displayed.	
Output time less than 0dB volume	-	V00-XXXX xx is displayed.	
Protector count value	-	PROTXXXX xx is displayed.	
Fuse open count value	-	FUSEXXXX xx is displayed.	
EEPROM CONDITION	-	E- XXXX is displayed. S RST → Super Reset : first time use EEPROM or test pattern corrupted FAIL → EEPROM read / write with microcom has problem V CHG → Software version change D CHG → Destination / model change CLEAR → Back up data initialize NORM → Normal AC on	
	EEPROM READ	-	E- XXX-XX is displayed. First four hex code is EEPROM address (controlled by +/- button). Last two hex code is EEPROM data.
	EEPROM Super Reset	-	S.RST- XXX is displayed. When YES is selected, press Cursor button to clear all EEPROM data
	DSP HALT MODE	-	HALT NO or HALT YES is displayed.



## How To Upgrade the Firmware Version

The following is the method of upgrading the control software (firmware) preinstalled in the STR-LV700R to the latest version. Note that this method should only be employed when the software version is upgraded.

**Note:** The firmware version installed in the STR-LV700R as of October 2003 is 1.0.3.

Before executing this procedure, check to make sure that the preinstalled software version will not be downgraded to older version.

The latest information on the software version can be found in the "STR-LV700R Support Information" at <http://www.vaio-link.com/info/lv700R/EN>.

### 1. Preparation and setup of Vaio

#### 1. Items required for writing the firmware

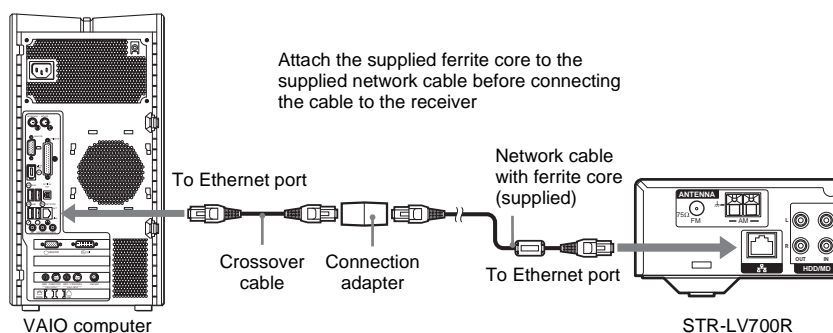
- Vaio for testing

VAIO computer models marketed from October 2003 running Windows XP Professional or Windows XP Home Edition. Functions depend on the model of VAIO computer connected.

Supported functions	Models	VAIO computer models marketed from October 2003	
		Models with Giga Pocket	Models without Giga Pocket
		PCV-W series PCV-RZ4 series PCV-RS3 series	PCS-RS3 series without Giga Pocket All Sony Notebooks with VAIO Media
Music playback		Yes	
Photograph viewing		Yes	
Video playback		Yes	No
Television viewing and recording		Yes	No

#### Notes

- VAIO computer models marketed before October 2003 do not support the functions above.
  - Depending on the configuration of your VAIO computer, there may be some operation restrictions. For details about these restrictions and up-to-date information, visit the Sony home audio customer support Web site at <http://www.vaio-link.com/info/lv700R/EN/>
  - Test program disk (J-2501-266-A)
  - STR-LV700R for writing firmware
  - Remote commander (accessory)
  - The network cable, cross-conversion cable and the connection adaptor supplied as accessories (a 100BASE-TX cross cable can also be substituted for these items).
  - Television set with line input terminals (video and audio terminals)
2. Connect the STR-LV700R to the Vaio for testing using the network cable, adapter and cross-conversion cable (or use the 100BASE-TX cross cable).



#### Notes

- This connection method may vary depending on factors specific to your network.
  - In this connection method the VAIO computer must have a fixed IP address for the LAN connection.
3. Setup the Vaio according to the procedure given on pages 30 to 33 of the Instruction Manual.

## 2. Start up STR-LV700R with the Firmware Write Mode.

1. Start up the STR-LV700R and press the **N.MEDIA** button on the remote controller to open the main menu on the television screen.
2. Use the cursor buttons and **ENTER (SELECT)** buttons on the remote controller, select "Settings" → "System Settings" → "Firmware Update" → "OK."

## 3. Writing firmware from the Vaio for testing

Upgrade the two types of firmware (ipls.bin and route66s.bin) to the latest versions.

Note that this method should only be employed when the software version is upgraded.

In cases when the firmware is downloaded from the home page, also follow the procedure given below.

1. Check the version.  
Start the STR-LV700R, then open the main menu and select "Settings" → "System Settings" → "Device Information." Next, check that the firmware version.
2. Start up "EU-firm-1.XX" → "Updater.exe" from "Test JIG Tool CD" (J-2501-266-A). (XXX indicates version)
3. Click the **Update** button to begin updating firmware.  
The message "Wait a few minutes until this screen turns off and the Standby lamp lights" is displayed on the screen. With this unit, when this step is completed, the network media function automatically restarts.

## OPERATION CHECK METHOD

### How to check the operation after repairing the main unit or writing firmware

The following items are needed to perform the check:

- A device that is able of checking the environment during firmware writing along with video and audio output terminals.
- The server application (Giga Pocket Server 5.0) needs to be installed in the Vaio for testing.

To perform the check, connect the Vaio with the preinstalled server application to the STR-LV700R and check that the test video and audio data are played and output correctly via the network.

### 1. Preparation

1. Items required for testing
  - STR-LV700R to be tested.
  - Test JIG Tool CD (J-2501-266-A)
  - Remote commander (accessory)
  - The network cable, cross-conversion cable and connection cable supplied as accessories (a 100BASE-TX cross cable can also be substitute for these items).
  - AV cable
  - Optical digital cable
  - Television set with line input terminals (video and audio terminals)
  - Device with optical digital input

### 2. Preparation of the Vaio for Testing

Use the same Vaio used for writing firmware.

- 2-1. Insert the J-2501-266-A test program disk into the test Vaio.
- 2-2. Install the test color bar /1kHz signal from the test program disk. Start the Giga Pocket Explorer . From the video capsule menu, select "Read" and then click "Browse...". Select "CD-ROM" → "75p1k1min" folder → "75p1k1min.mpg." Enter "COLOR-1KHZ" in the Video Capsule Name field and then click the **Run** button.

Saved in "My Cabinet" of the Giga Pocket Explorer.

3. Setup the Vaio according to the procedure given on pages 30 to 33 of the Instruction manual .
4. Connect the outputs (video, audio, optical digital audio) from the STR-LV700R to a television set and connect the device with the optical digital input.

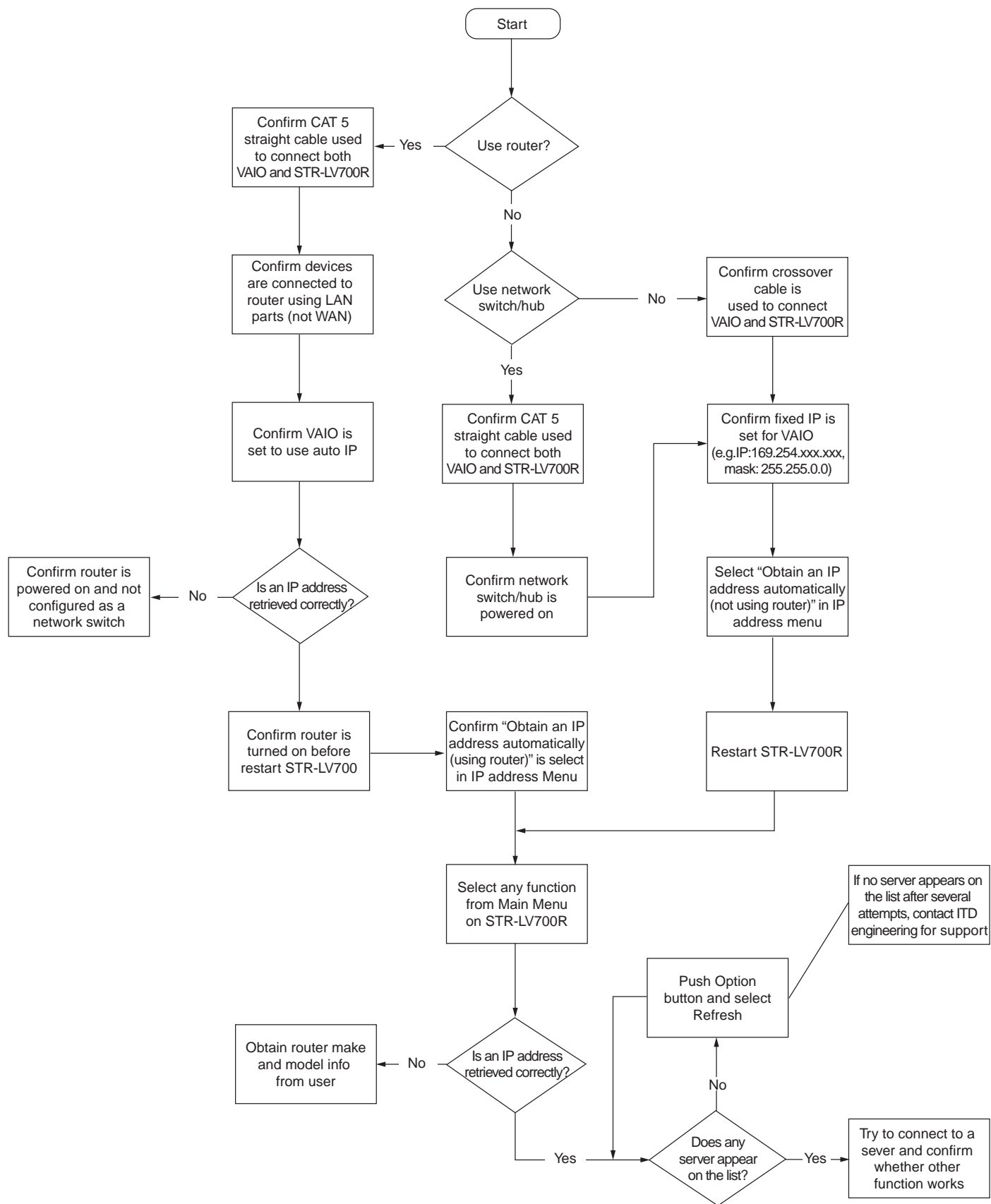
## 2. Testing method

1. Start up the STR-LV700R and press the **N.MEDIA** button on the remote controller to open the main menu on the television screen.
2. When the main menu is displayed on the television screen, select "Video → Watch video clips" and press the **ENTER (SELECT)** button.
3. When the servers list is displayed in the "Select Server Screen." From this list, select the name of the Vaio for testing and press the **ENTER (SELECT)** button and select "Connect" in the submenu. If the servers list does not appear even after a certain time interval has elapsed, press the **OPTIONS** button on the remote controller to display the tool menu. In the tool menu, select "Update to the latest information" and press the **ENTER (SELECT)** button.
4. When the server is connected, the selection menu for all libraries is displayed. From this menu, select "My Cabinet" and press the **ENTER (SELECT)** button.
5. When the video capsule selection menu is displayed, select "COLOR-1KHZ."
6. If color bars are displayed for video and 1kHz is output to audio, the unit is functioning properly.  
Also check the video output, audio output and optical digital output items.
7. After the system has been completed, reset the STR-LV700R to the factory preset values.

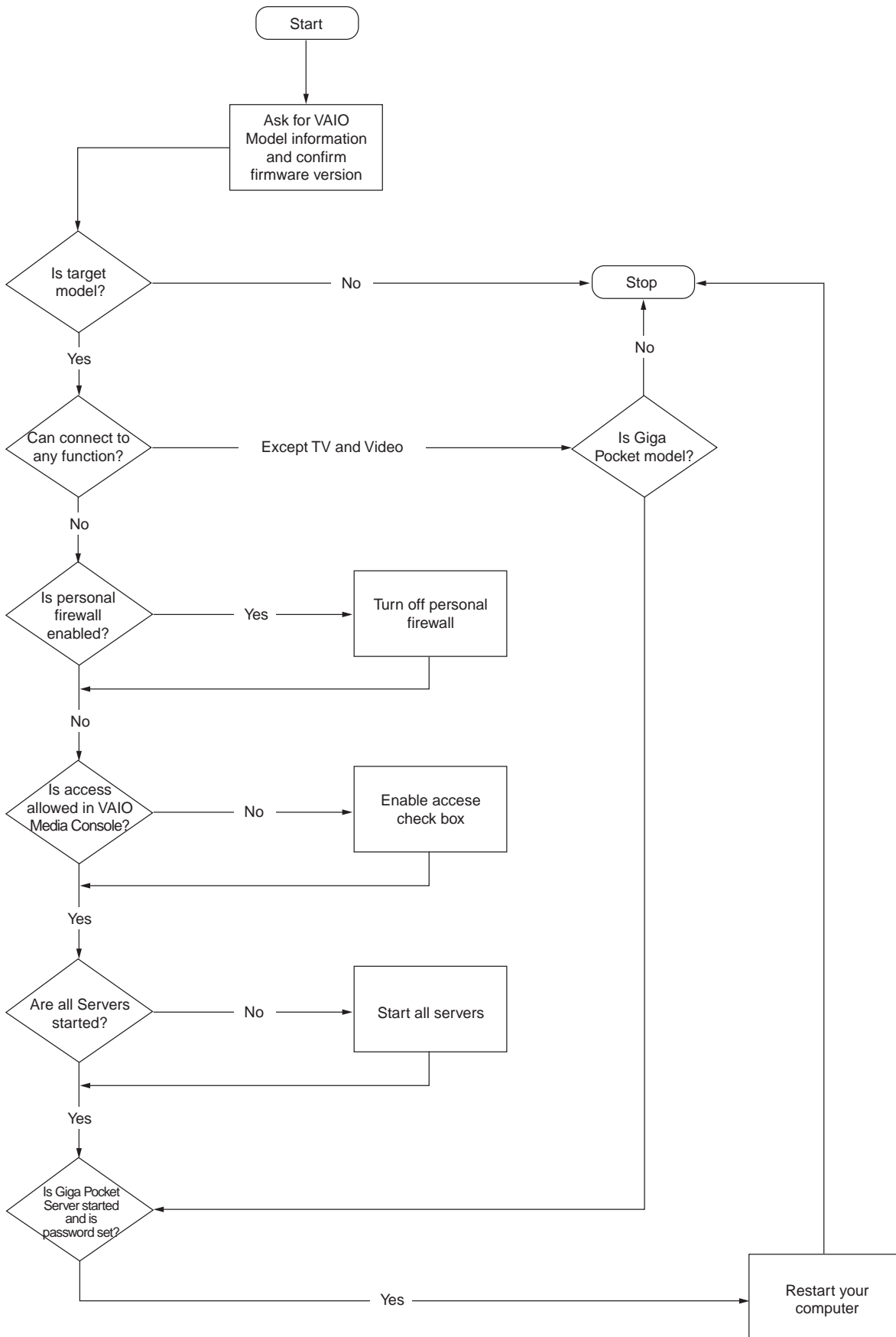
Select "Setting" → "System Setting" → "Factory Default" → "OK."

## Setting up STR-LV700R

Assuming user has configured VAIO



Configuring VAIO



## SECTION 4 DIAGRAMS

### 4-1. IC Pin Function Descriptions

#### • IC115 CXD9617R (AUDIO DSP) (DIGITAL BOARD)

Pin No.	Pin Name	I/O	Description
1	VSS	—	Ground terminal
2	XRST	I	Rest input from the system control
3	EXTIN	I	Not used (connected to ground)
4	FS2	I	Not used (connected to ground)
5	VDD1	—	Power supply (+2.5V)
6	FS1	I	Not used (connected to ground)
7	PLOCK	O	Not used (open)
8	VSS	—	Ground terminal
9	MCLK1	I	Clock input (13.5MHz)
10	VDD1	—	Power supply (+2.5V)
11	VSS	—	Ground terminal
12	MCLK2	O	Clock output (13.5MHz)
13	MS	I	Not used (connected to ground)
14	SCKOUT	O	Internal system clock output to CXD9743N
15	LRCKI1	I	Sampling clock input from PCM1800E/2K
16	VDDE	—	Power supply (+3.3V)
17	BCKI1	I	Bit clock input from PCM1800E/2K
18	SDI1	I	Serial data input from PCM1800E/2K
19	LRCKO	O	Sampling clock output to CXD9743N
20	BCKO	O	Bit clock output to CXD9743N
21	VSS	—	Ground
22	KFSIO	I	Audio clock (384fs/256fs) input from LC89056W
23 to 25	SDO1 to SDO3	O	Serial data output to CXD9743N
26	SDO4	O	Not used (open)
27	SPDIF	O	Not used (open)
28	LRCKI2	I	Sampling clock input from LC89056W
29	BCKI2	I	Bit clock input from LC89056W
30	SDI2	I	Serial data input from LC89056W
31	VSS	—	Ground
32	HACN	O	Acknowledge output to MB90F474HPF
33	HDIN	I	Serial data input from MB90F474HPF
34	HCLK	I	Clock input from MB90F474HPF
35	HDOUT	O	Serial data output to MB90F474HPF
36	HCS	I	Chip selection input from MB90F474HPF
37	SDCLK	O	Not used (open)
38	CLKEN	O	Not used (open)
39	RAS	O	Not used (open)
40	VDDI	—	Power supply (+2.5V)
41	VSS	—	Ground
42	CAS	O	Not used (open)
43	DQM/OE0	O	Not used (open)
44	CSO	O	Chip selection output to the SRAM
45	WEO	O	Write enable output to the SRAM
46	VDDE	—	Power supply (+3.3V)
47	WMD1	I	Not used (connected to VDD)
48	VSS	—	Ground
49	WMD0	I	Not used (connected to VDD)
50	PAGE2	O	Not used (open)
51	VSS	—	Ground
52	PAGE1	O	Not used (open)

# STR-LV700R

Pin No.	Pin Name	I/O	Description
53	PAGE0	O	Not used (open)
54	BOOT	I	Not used (connected to ground)
55	BTACT	I	Not used (open)
56	BST	I	Boot strap signal input from MB90F474HPF
57	MOD1	I	Mode input (connected to VDD)
58	MOD0	I	Mode input (connected to ground)
59	EXLOCK	I	Lock signal input to LC89056W
60	VDDI	—	Power supply (+2.5V)
61	VSS	—	Ground
62	A17	O	Not used (open)
63	A16	O	Not used (open)
64 to 66	A15 to A13	O	Address bus output to the SRAM
67	GP10	I/O	Sampling clock I/O terminal
68	GP9	I/O	PCM/NON_PCM information signal I/O terminal
69	GP8	I/O	Bitstream information read enable signal I/O terminal
70	VDDI	—	Power supply (+2.5V)
71	VSS	—	Ground
72 to 75	D15/GP7 to D12/GP4	I/O	SRAM data bus
76	VDDE	—	Power supply (+3.3V)
77 to 80	D11/GP3 to D8/GP0	I/O	SRAM data bus
81	VSS	—	Ground
82	A9	O	Address bus output to the SRAM
83 to 85	A12 to A10	O	Address bus output to the SRAM
86	TDO	O	Not used (open)
87	TMS	I	Not used (open)
88	XTRST	I	Not used (open)
89	TCK	I	Not used (open)
90	TDI	I	Not used (open)
91	VSS	—	Ground
92 to 97	A8 to A3	O	Address bus output to the SRAM
98,99	D7,D6	I/O	SRAM data bus
100	VDDI	—	Power supply (+2.5V)
101	VSS	—	Ground
102 to 105	D5 to D2	I/O	SRAM data bus
106	VDDE	—	Power supply (+3.3V)
107,108	D1,D0	I/O	SRAM data bus
109,110	A2,A1	O	Address bus output to the SRAM
111	VSS	—	Ground
112	A0	O	Address bus output to the SRAM
113	PM	I	PLL initialization input from MB90F474HPF
114	SD13	I	Not used (open)
115	SD14	I	Not used (open)
116	SYNC	I	Synchronization / asynchronous selection input (pull up)
117 to 119	VSS	—	Ground
120	VDDI	—	Power supply (+2.5V)

## • IC118 MB90F474HPF-G-SOZ1398 (SYSTEM CONTROL) (DIGITAL BOARD)

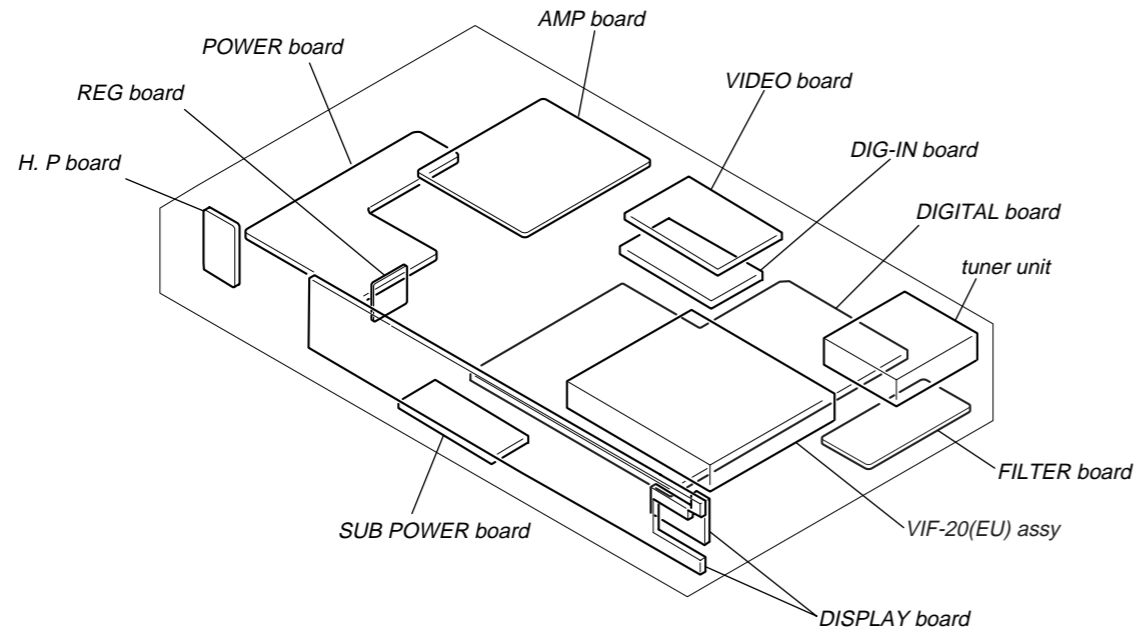
Pin No.	Pin Name	I/O	Description
1	DATA O	I	Serial data input from LC89056W
2	GP9	I	PCM/NON_PCM information signal input from CXD9617R
3	BST	O	Boot strap signal output to CXD9617R
4	HCS	O	Chip selection signal output to CXD9617R
5	HACN	I	Acknowledge signal input from CXD9617R
6	XRST	O	Reset signal output to CXD9617R
7	PM	O	PLL initialization signal output to CXD9617R
8	VCONT	O	Power voltage control signal output
9	PD	O	PD signal output to PCM1800
10	PWCONT2	O	Power voltage control signal output
11	VSS	—	Ground
12	PWCONT1	O	Power control signal output
13	NOT IN USE	—	Not used (Pull down)
14	DATA	O	Serial control data output to the tuner
15	CLK	O	Serial control clock output to the tuner
16	WOOFER RELAY	O	Sub woofer relay control signal output
17	HEADPHONE RELAY	O	Headphone relay control signal output
18	HDOUT	I	Serial data input from CXD9617R
19	HDIN	O	Serial data output to CXD9617R
20	HCLK	O	Clock signal output to CXD9617R
21	POWER KEY OUT	O	Power key signal output to VIF-20 (EU) block
22	VIDEO-SW-A	O	Video switch signal output to the NJM2279M
23	VCC5	—	Power supply (+3.3V (STBY))
24	VIDEO SW C	O	Video switch signal output to the NJM2279M
25	HP DETECT	I	Detects headphone switch On/Off
26	VIDEO-SW-B	O	Video switch signal output to NJM2279M
27	FLASH2	I	Flash programming input
28	FLASH1	—	Flash programming input
29	TC74153H-C	—	Network media/HDD select signal output
30	RL1	I	RL1 signal input from VIF-20 (EU) block
31	RL2	I	RL2 signal input from VIF-20 (EU) block
32	RL3	I	RL3 signal input from VIF-20 (EU) block
33	SCL	O	SCL signal output to the EEPROM
34	SDA	I/O	SDA signal from the EEPROM
35	AVCC	—	Power supply (+3.3V(STBY))
36	AVRH	I	A/D Vref input (connected to +3.3 (STBY))
37	AVSS	—	Ground
38	A/D0	I	Not used (pull up)
39	A/D1	I	Not used (pull up)
40	FM SIG OUT	O	FM antenna input level
41	KEY_INPUT (A/D3)	I	Key signal input
42	VSS	—	Ground
43	NC	—	Not used (pull down)
44	MODEL	I	Model detection input
45	VERSION	I	Version resistor input
46	NC	I	Not used (pull down)
47	CRYSTAL SEL	I	Clock select signal input (pull down)
48	STOP	I	AC off signal input
49	MD0	I	Flash programming MD0 input
50	MD1	I	Not used (connected to +3.3V(STBY))

# STR-LV700R

Pin No.	Pin Name	I/O	Description
51	MD2	I	Flash programming MD2 input
52	RDS INT	I	RDS clock input from tuner
53	RDS DATA	I	RDS data input from tuner
54	SIRCS	I	Data input from the remote control receiver
55	DIAG	I	Protect signal input from CXD9750
56	POWER KEY	I	Power switch detection signal input
57	NOT IN USE	I	Not used (pull down)
58	NOT IN USE	I	Not used (pull down)
59	SCDT	O	Serial control data output to CXD9743N
60	SHIFT	O	Shift clock output to CXD9743N
61	DIN	O	Serial data output to $\mu$ PD16315
62	CLK	O	Clock signal output to $\mu$ PD16315
63	FL_STB	O	STB signal output to $\mu$ PD16315
64	NOT IN USE (FAN_ON)	I	Not used (pull down)
65	NOT IN USE (FAN_CLK)	I	Not used (pull down)
66	VOL(B)	I	Volume signal input from the rotary encoder
67	VOL(A)	I	Volume signal input from the rotary encoder
68	TC74153H B	O	IC105 control (Digital input select switch)
69	TC74153H A	O	IC105 control (Digital input select switch)
70	NJU4066	O	IC106 control (Analog input select switch)
71	TC4052A	O	IC108 control (Analog input select switch)
72	TC4052B	O	IC108 control (Analog input select switch)
73	TUNED	I	Tuning a frequency detection signal input from the tuner
74	STEREO	I	STEREO tuning signal input from the tuner
75	MUTE	O	Muting control signal output to the tuner
76	DO	I	Data input from the tuner
77	RSTX	I	System reset signal input
78	SLATCH	O	Serial control latch signal output to the tuner
79	X1A	—	Not used (open)
80	X0A	—	Not used (connected to ground)
81	VSS	—	Ground
82	XO	O	Clock output (16MHz)
83	XI	I	Clock input (16MHz)
84	VCC3	—	Power supply (+3.3V (STBY))
85	RST (INIT)	O	Initialize signal output to CXD9743N
86	NSMUTE	O	Mute signal output to CXD9743N
87	NC	I	Not used (pull down)
88	NC	I	Not used (pull down)
89	LAT3 (SL/SR)	O	Data latch signal output CXD9743N (SL/SR)
90	LAT2 (C/SW)	O	Data latch signal output CXD9743N (C/SW)
91	LAT1 (L/R)	O	Data latch signal output CXD9743N (L/R)
92	EN	O	Enable signal output CXD9750
93	XMODE	O	Reset signal output to LC89056W
94	CKSEL1	O	Clock select signal output to LC89056W
95	CLK	O	Clock signal output to LC89056W
96	CE	O	Chip enable signal output to LC89056W
97	DI	O	Write data output to LC89056W
98	DO	I	Read data input from LC89056W
99	ERROR	I	PLL lock error, data error flag input from LC89056W
100	XSTATE	I	Source clock selection monitor input from LC89056W

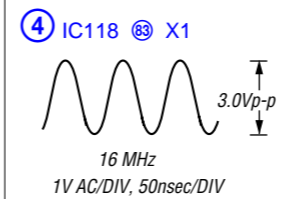
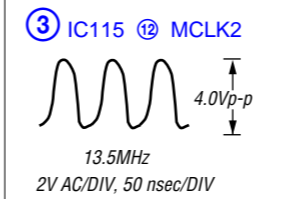
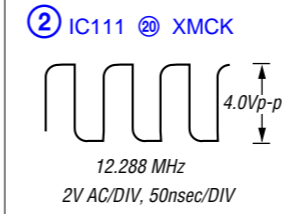
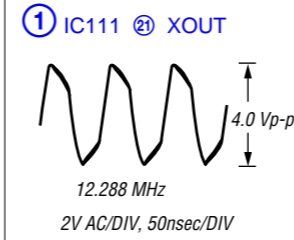


• Circuit Boards Location

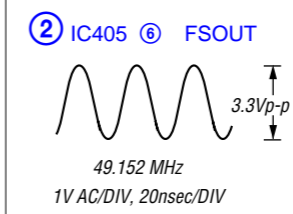
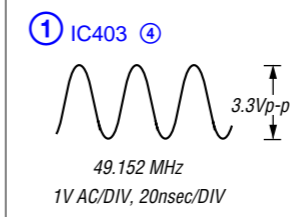


• Waveforms

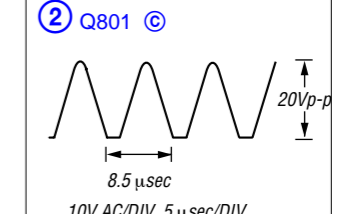
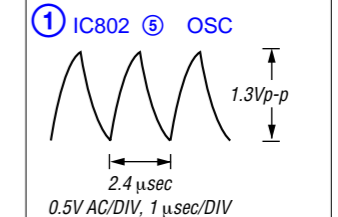
– DIGITAL Board –



– AMP Board –



– DISPLAY Board –



**THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.**  
(In addition to this necessary note is printed in each block.)

**For schematic diagrams.**

- Note:**
- All capacitors are in  $\mu\text{F}$  unless otherwise noted. p : pF. 50 WV or less are not indicated except for electrolytics and tantalums.
  - All resistors are in  $\Omega$  and  $\frac{1}{4}W$  or less unless otherwise specified.
  - % : indicates tolerance.
  - $\Delta$  : internal component.
  - : nonflammable resistor.
  - : panel designation.

**Note:** The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety.  
Replace only with part number specified.

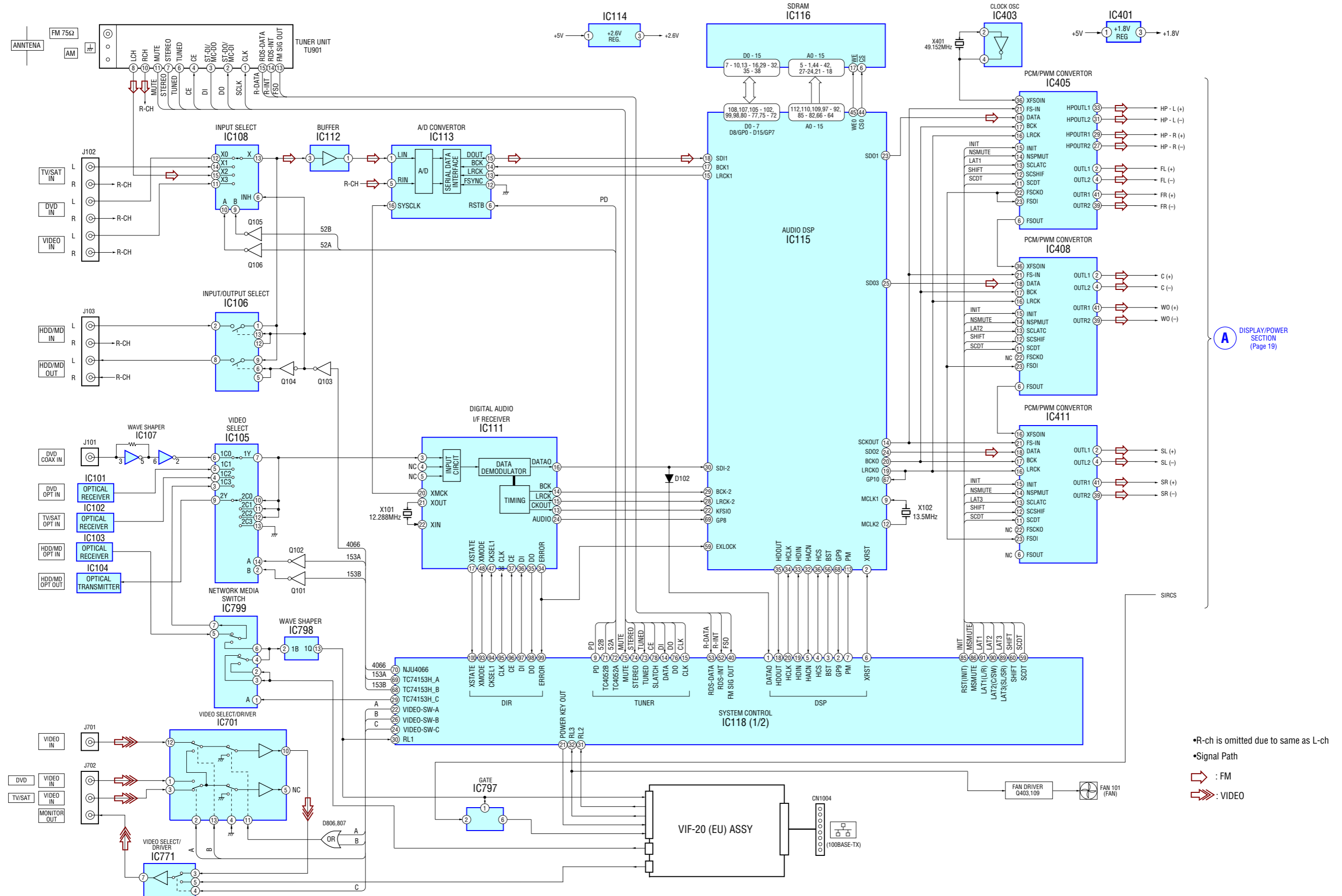
**For printed wiring boards.**

- Note:**
- : parts extracted from the component side.
  - : Through hole.
  - : Pattern from the side which enables seeing.

**Caution:**  
Parts face side: Parts on the parts face side seen from the parts face are indicated.  
Pattern face side: Parts on the pattern face side seen from the pattern face are indicated.

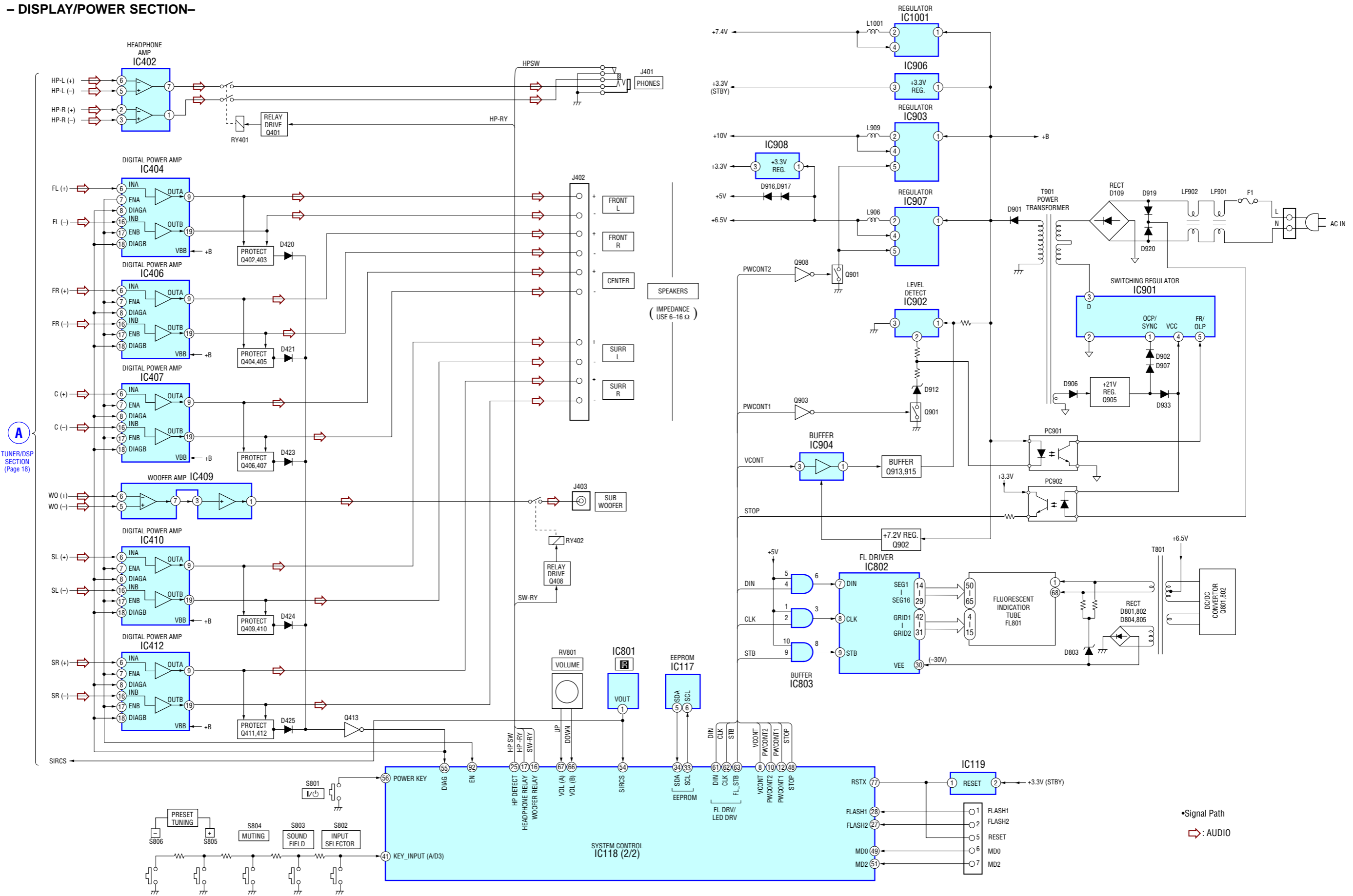
- : B+ Line.
- : B- Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.  
No mark : FM
- Voltages are taken with a VOM (Input impedance 10 M $\Omega$ ).  
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
- Circled numbers refer to waveforms.
- Signal path.  
 : FM  
 : VIDEO

4-2. BLOCK DIAGRAM – TUNER/DSP SECTION –



A DISPLAY/POWER SECTION (Page 19)

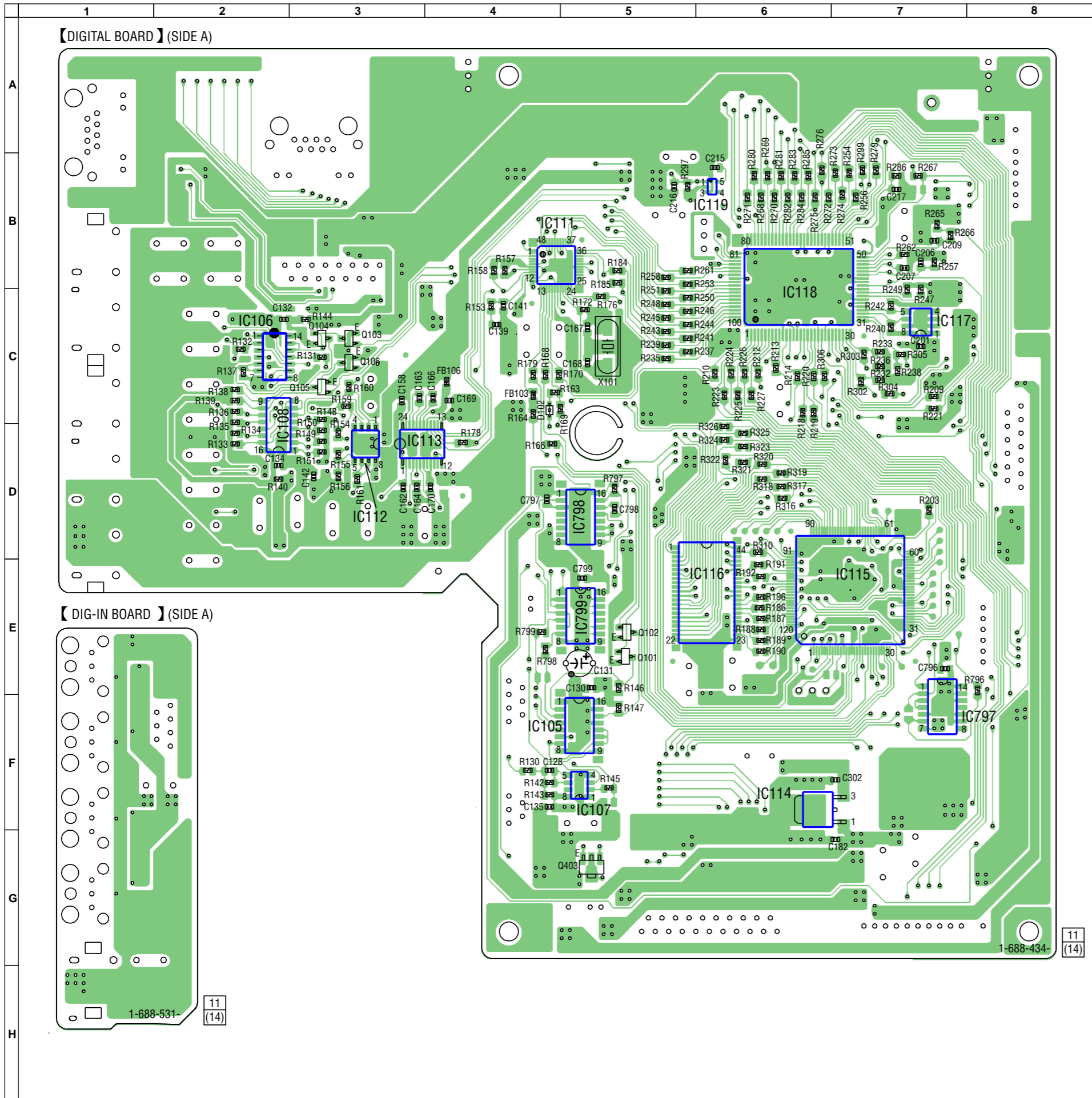
- DISPLAY/POWER SECTION -



A  
TUNER/DSP  
SECTION  
(Page 18)


•Signal Path  
⇒ : AUDIO

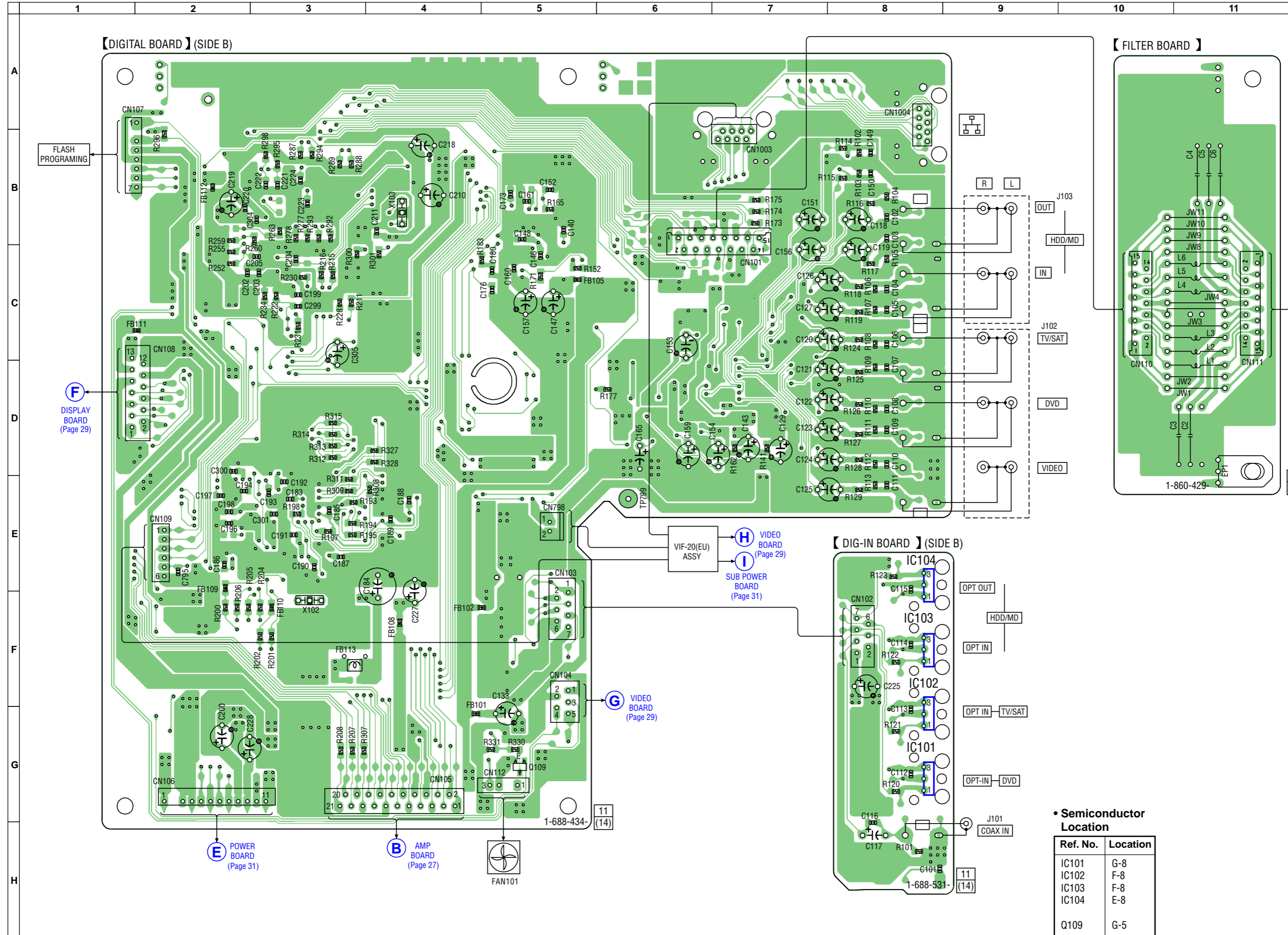
4-3. PRINTED WIRING BOARD – DIGITAL SECTION (SIDE A) – • See page 17 for Circuit Boards Location.  : Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location
D102	C-4
IC105	F-5
IC106	C-2
IC107	F-5
IC108	C-2
IC111	B-4
IC112	D-3
IC113	D-3
IC114	F-6
IC115	E-7
IC116	E-6
IC117	C-7
IC118	C-6
IC119	B-6
IC797	F-7
IC798	D-5
IC799	E-5
Q101	E-5
Q102	E-5
Q103	C-3
Q104	C-3
Q105	C-3
Q106	C-3
Q403	G-5

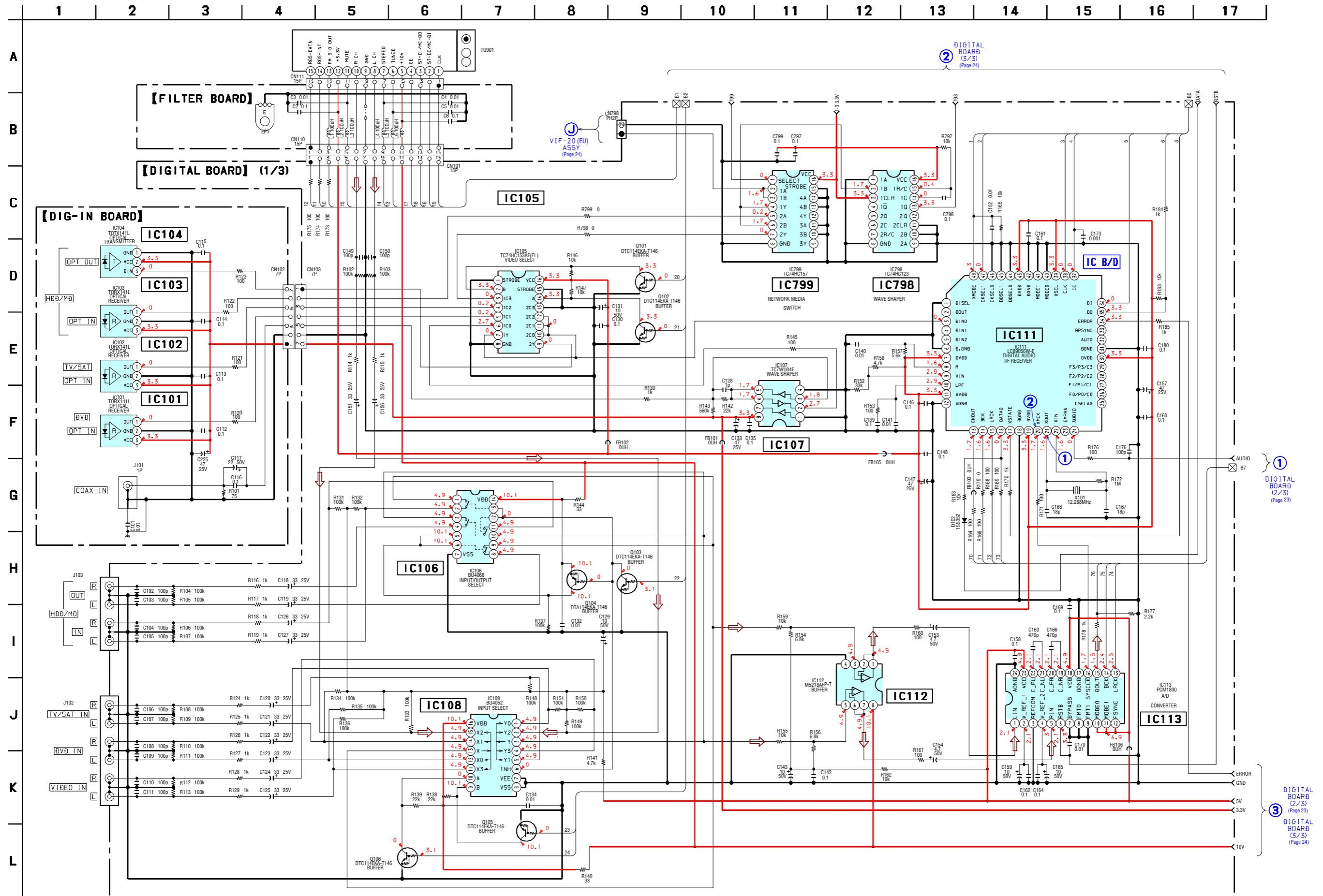
PRINTED WIRING BOARDS – DIGITAL SECTION (SIDE B) – • Refer to page 17 for Circuit Boards Location.  : Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location
IC101	G-8
IC102	F-8
IC103	F-8
IC104	E-8
Q109	G-5

4-4. SCHEMATIC DIAGRAM – DIGITAL SECTION (1/3) –

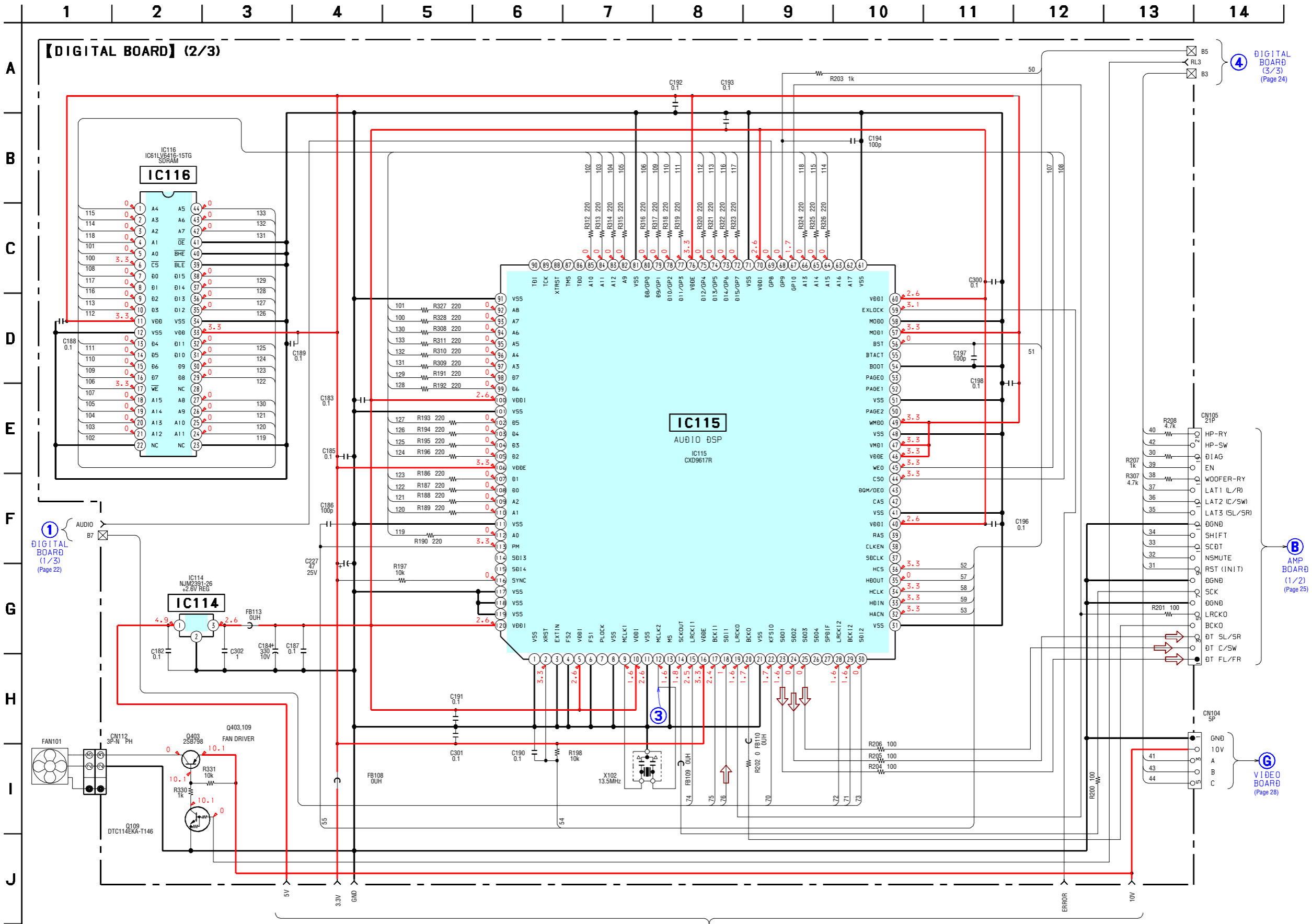


② DIGITAL BOARD (1/3) (Page 24)

① DIGITAL BOARD (2/3) (Page 23)

③ DIGITAL BOARD (3/3) (Page 24)

4-5. SCHEMATIC DIAGRAM – DIGITAL SECTION (2/3) – • See page 12 for IC Pin Function Description.



1  
DIGITAL BOARD (1/3)  
(Page 22)

3  
DIGITAL BOARD (1/3)  
(Page 22)

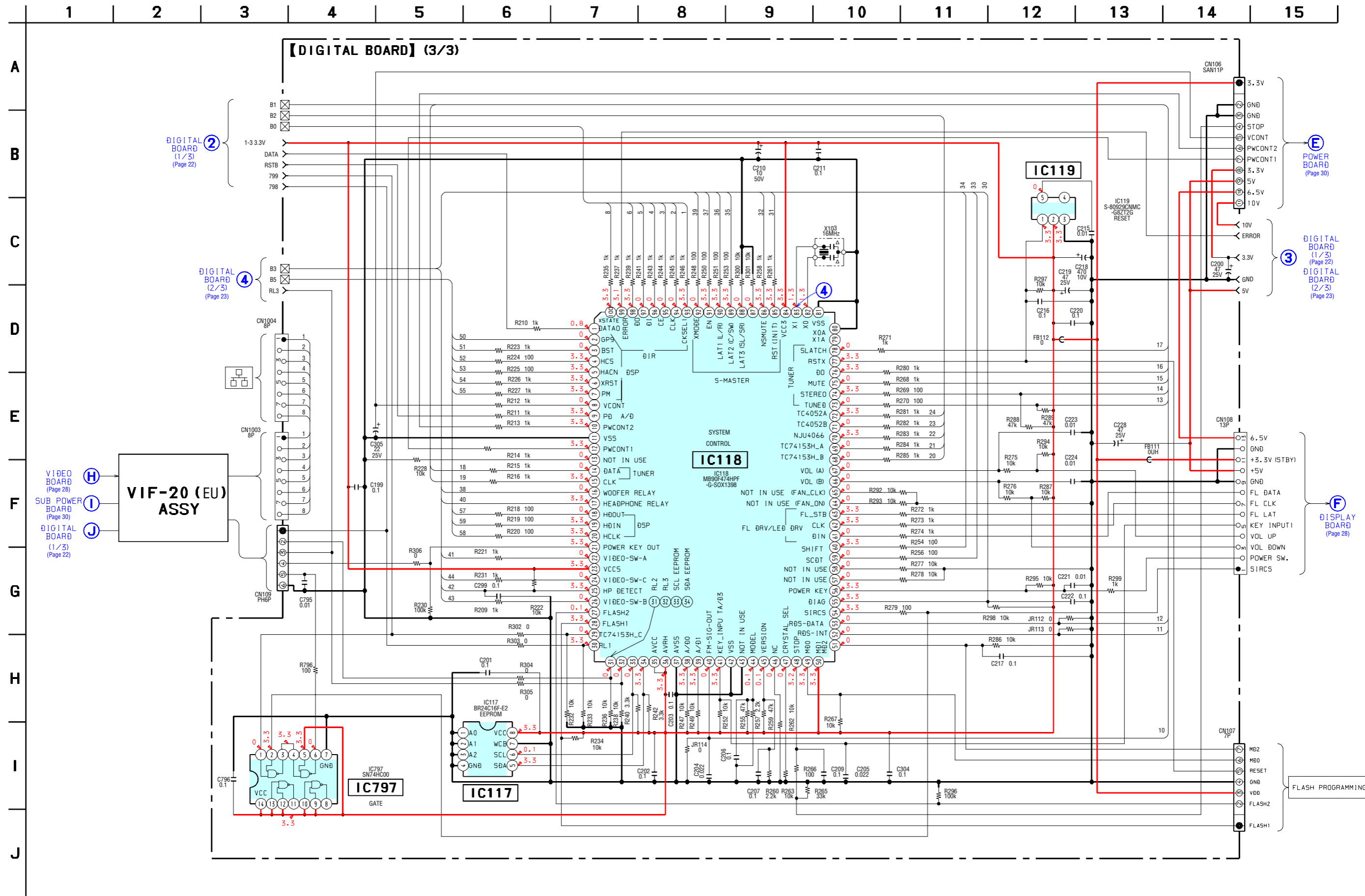
3  
DIGITAL BOARD (3/3)  
(Page 24)

4  
DIGITAL BOARD (3/3)  
(Page 24)

B  
AMP BOARD (1/2)  
(Page 25)

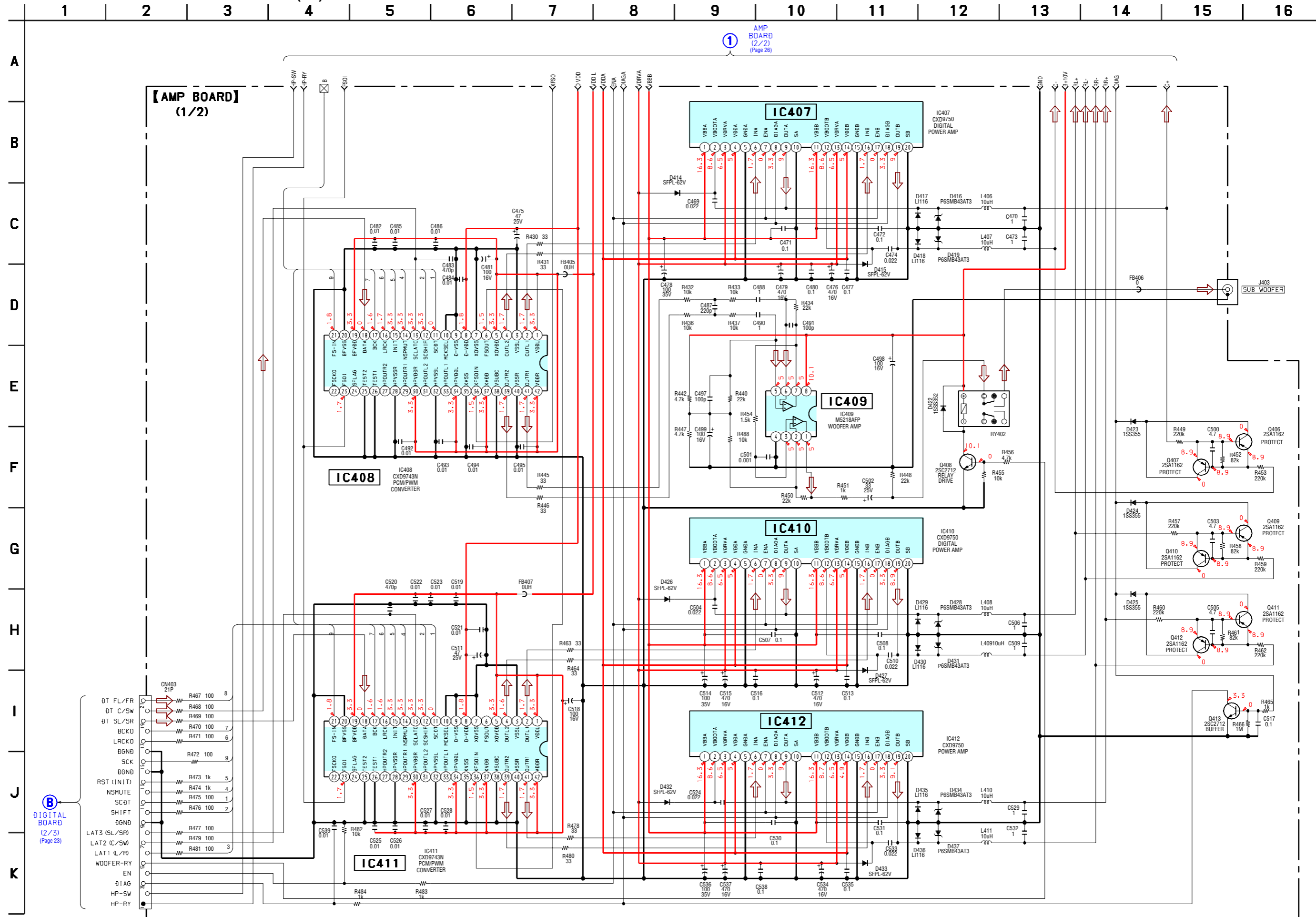
C  
VIDEO BOARD  
(Page 28)

4-6. SCHEMATIC DIAGRAM – DIGITAL SECTION (3/3) – • See page 14 for IC Pin Function Description.





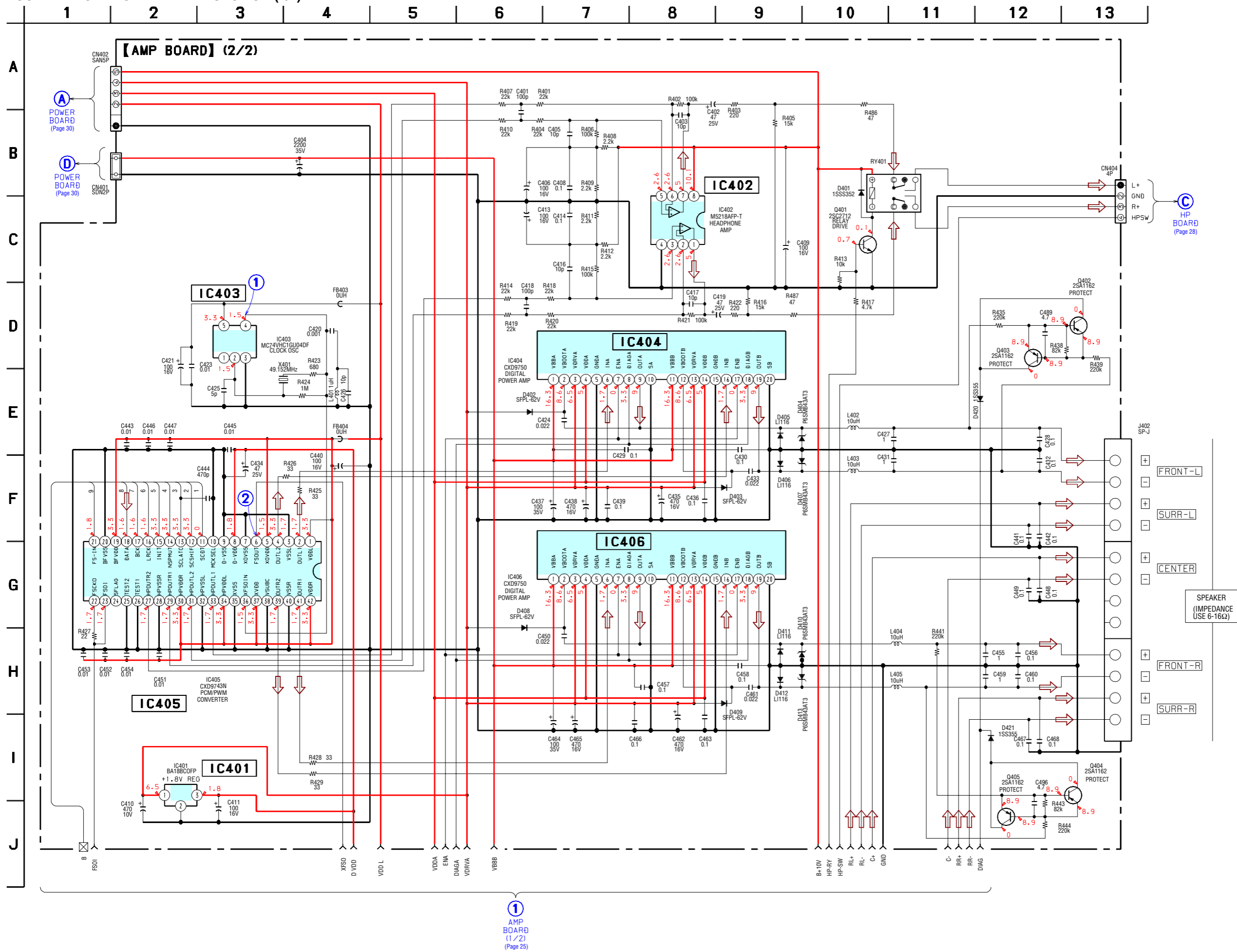
4-7. SCHEMATIC DIAGRAM – AMP SECTION (1/2) –



AMP BOARD (2/2) (Page 26)


DIGITAL BOARD (2/3) (Page 23)

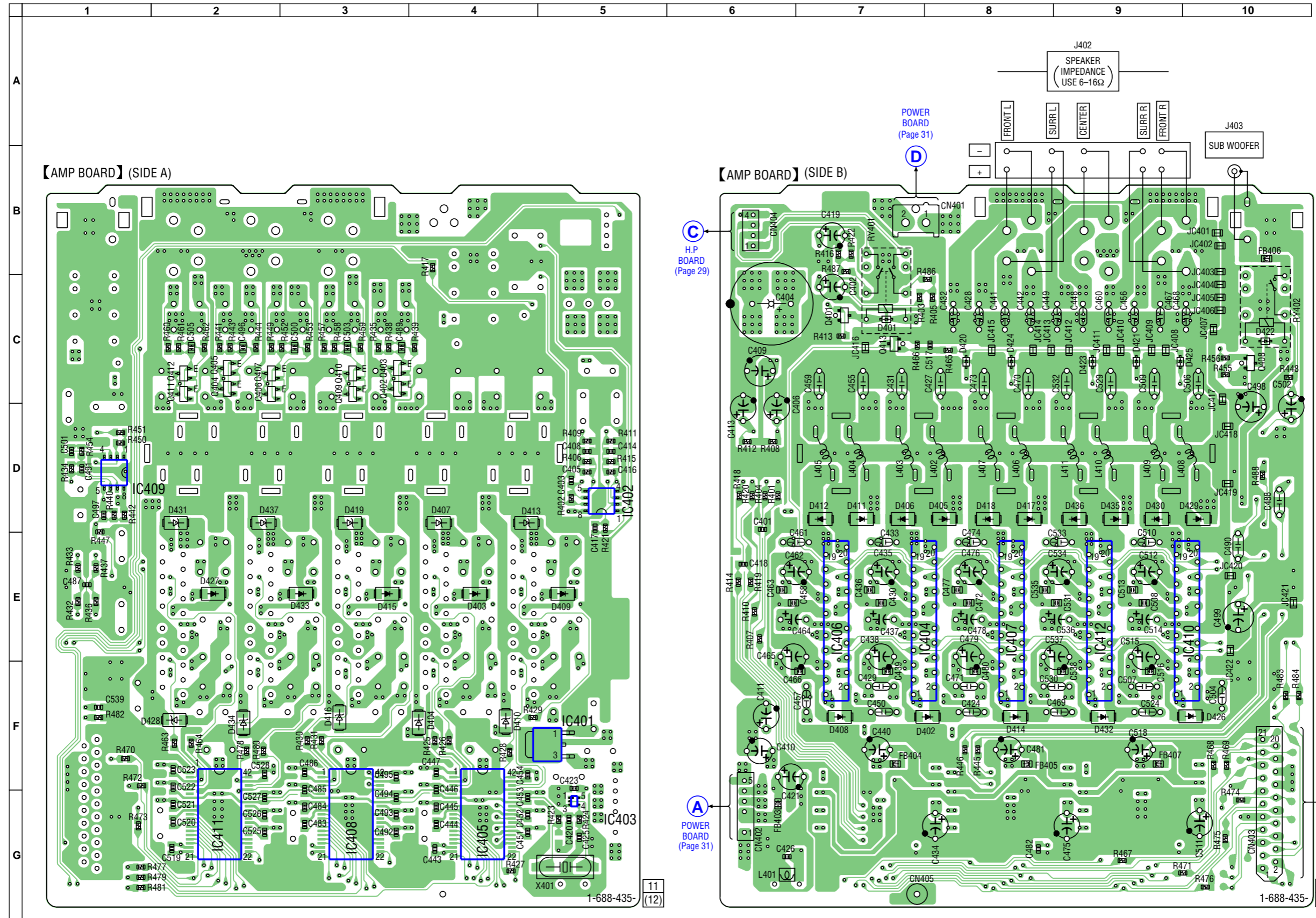
4-8. SCHEMATIC DIAGRAM - AMP SECTION (2/2) -



1 AMP BOARD (1/2) (Page 25)

4-9. PRINTED WIRING BOARD – AMP SECTION – • See page 17 for Circuit Boards Location.

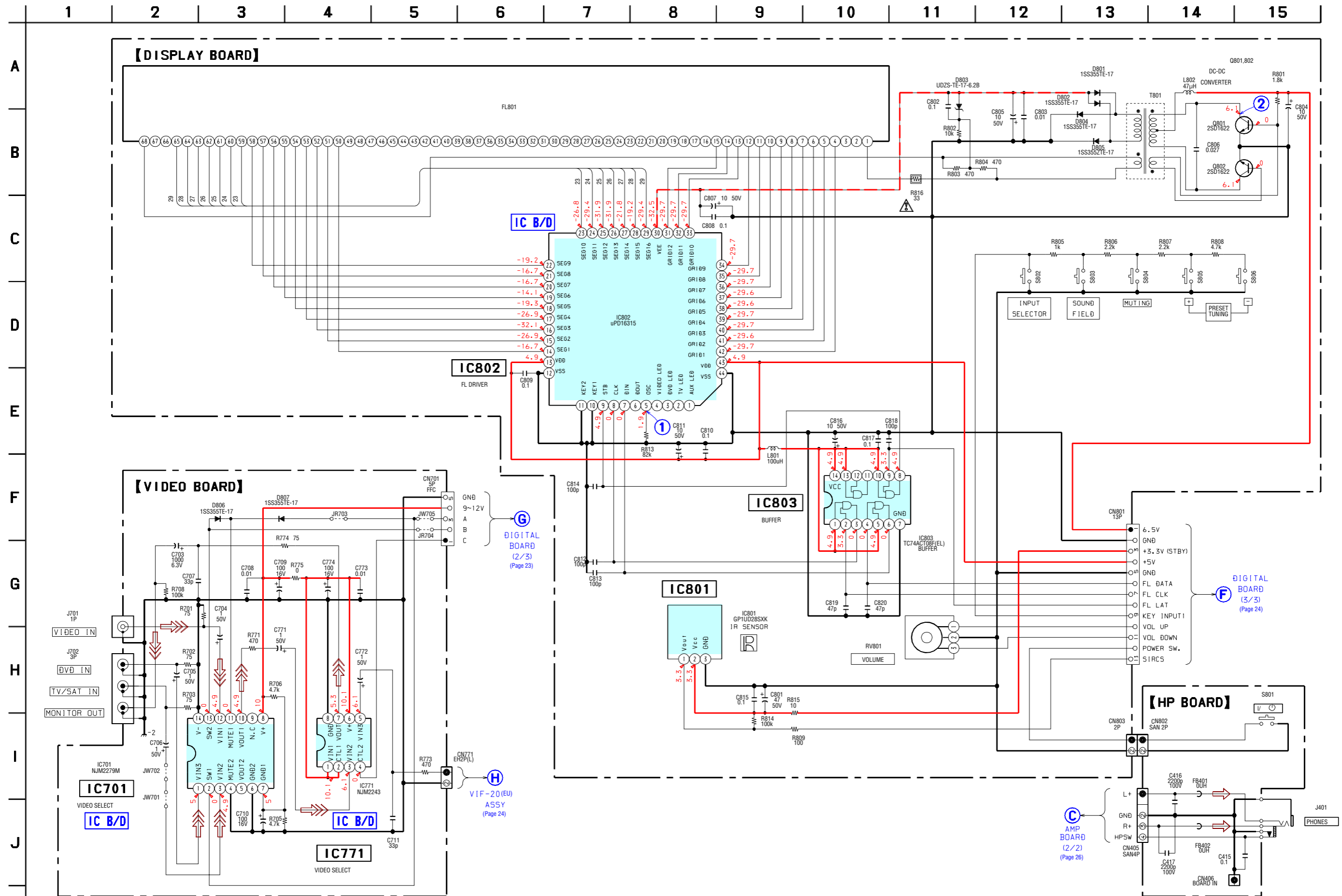
 : Uses unleaded solder.




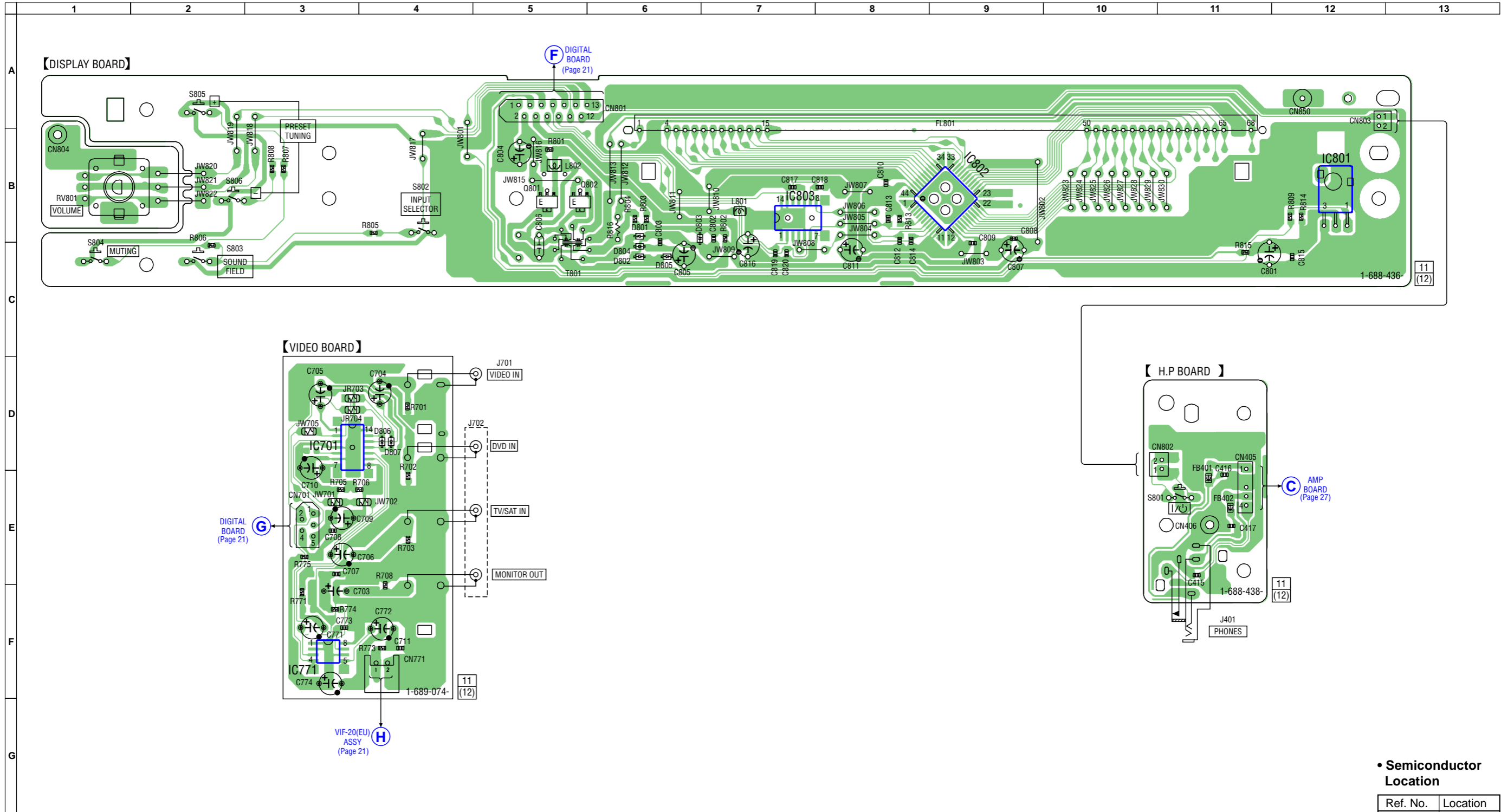
• Semiconductor Location

Ref. No.	Location
D401	C-7
D402	F-8
D403	E-4
D404	F-4
D405	D-8
D406	D-7
D407	D-4
D408	F-7
D409	E-5
D410	F-4
D411	D-7
D412	D-7
D413	D-4
D414	F-8
D415	E-3
D416	F-3
D417	D-8
D418	D-8
D419	D-3
D420	C-8
D421	C-9
D422	C-10
D423	C-9
D424	C-8
D425	C-9
D426	F-10
D427	E-2
D428	F-2
D429	D-10
D430	D-9
D431	D-2
D432	F-9
D433	E-3
D434	F-2
D435	D-9
D436	D-9
D437	D-2
IC401	F-5
IC402	D-5
IC403	G-5
IC404	E-8
IC405	G-4
IC406	E-7
IC407	E-8
IC408	G-3
IC409	D-1
IC410	E-10
IC411	G-2
IC412	F-9
Q401	C-7
Q402	C-3
Q403	C-3
Q404	C-2
Q405	C-2
Q406	C-2
Q407	C-2
Q408	C-10
Q409	C-3
Q410	C-3
Q411	C-2
Q412	C-2
Q413	C-7

4-10. SCHEMATIC DIAGRAM - DISPLAY SECTION -



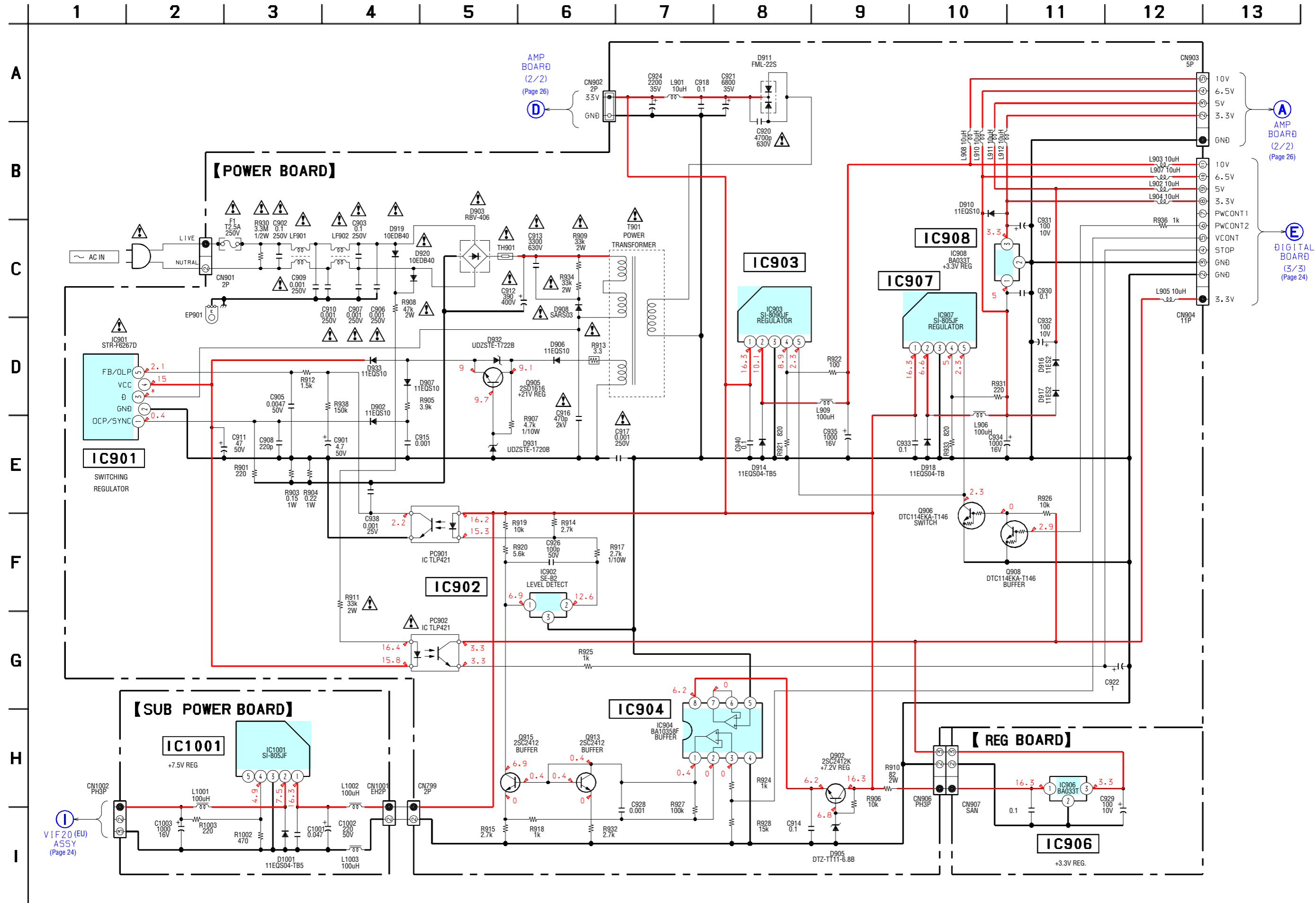
4-11. PRINTED WIRING BOARD – DISPLAY SECTION – • See page 17 for Circuit Boards Location.  : Uses unleaded solder.



• Semiconductor Location

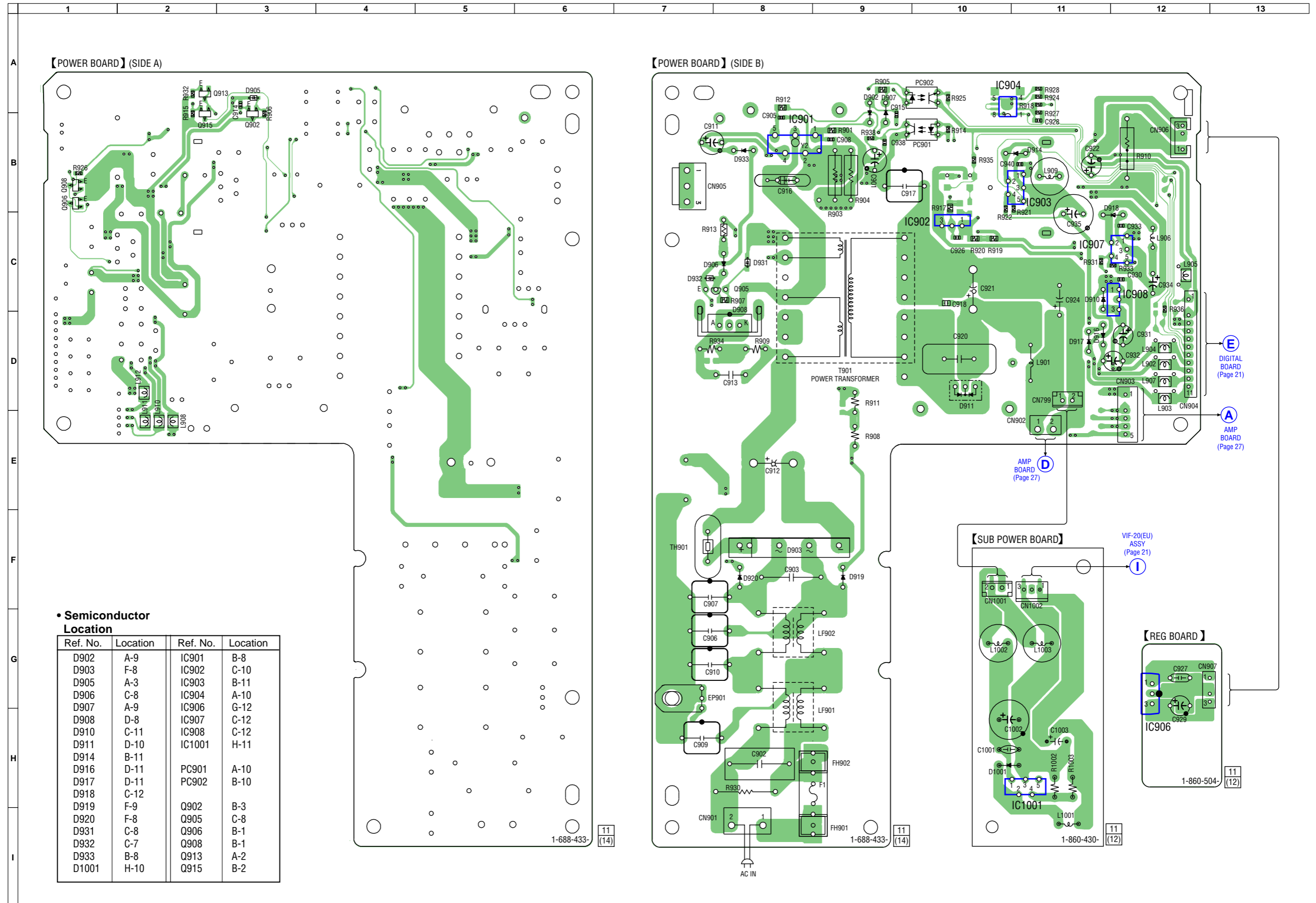
Ref. No.	Location
D801	B-6
D802	C-6
D803	B-6
D804	C-6
D805	C-6
D806	D-4
D807	D-4
IC701	D-3
IC771	F-3
IC801	B-12
IC802	B-9
IC803	B-7
Q801	B-5
Q802	B-5

4-12. SCHEMATIC DIAGRAM - POWER SECTION -



4-13. PRINTED WIRING BOARD – POWER SECTION – • See page 17 for Circuit Boards Location.

 : Uses unleaded solder.



• Semiconductor Location

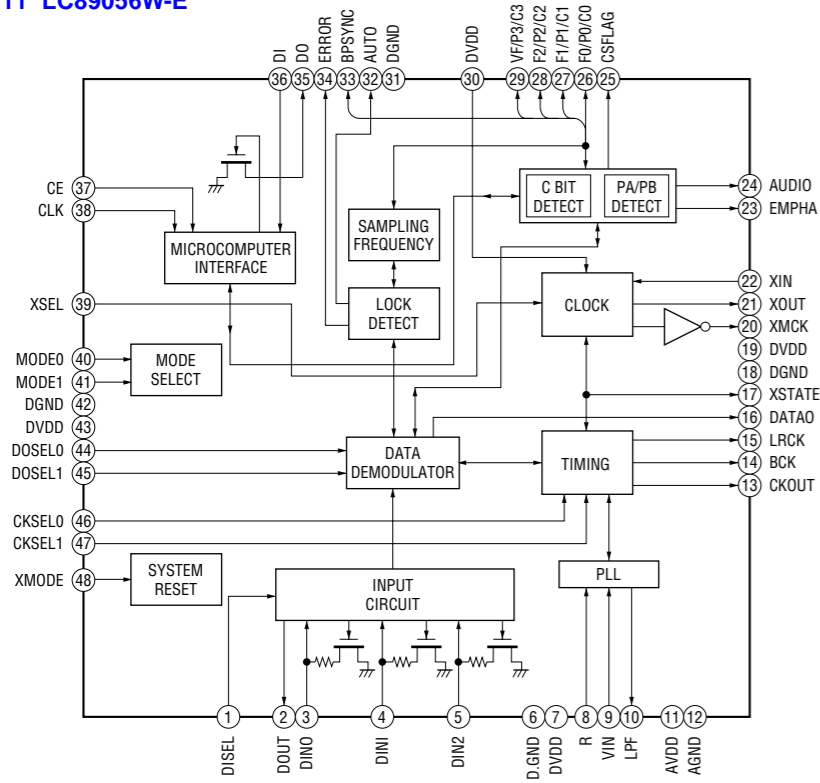
Ref. No.	Location	Ref. No.	Location
D902	A-9	IC901	B-8
D903	F-8	IC902	C-10
D905	A-3	IC903	B-11
D906	C-8	IC904	A-10
D907	A-9	IC906	G-12
D908	D-8	IC907	C-12
D910	C-11	IC908	C-12
D911	D-10	IC1001	H-11
D914	B-11		
D916	D-11	PC901	A-10
D917	D-11	PC902	B-10
D918	C-12		
D919	F-9	Q902	B-3
D920	F-8	Q905	C-8
D931	C-8	Q906	B-1
D932	C-7	Q908	B-1
D933	B-8	Q913	A-2
D1001	H-10	Q915	B-2

# STR-LV700R

## 4-14. IC Block Diagram

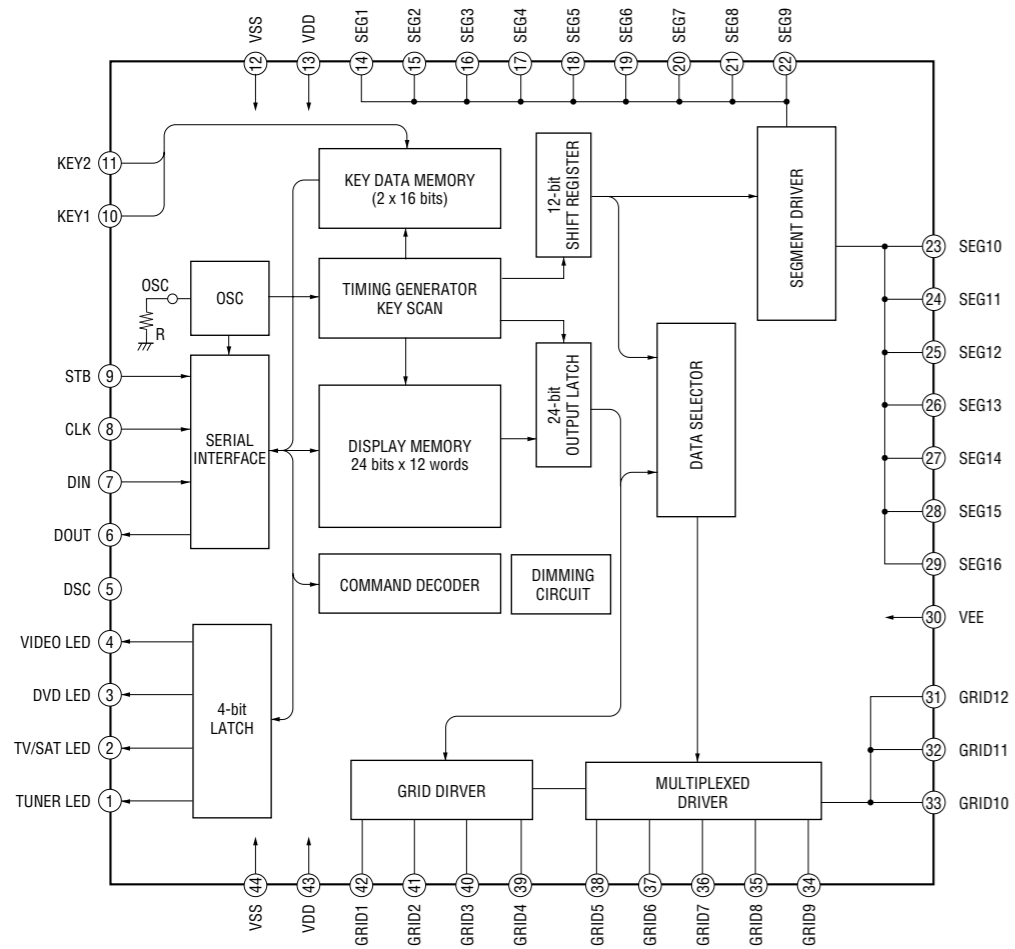
– DIGITAL Board –

IC111 LC89056W-E



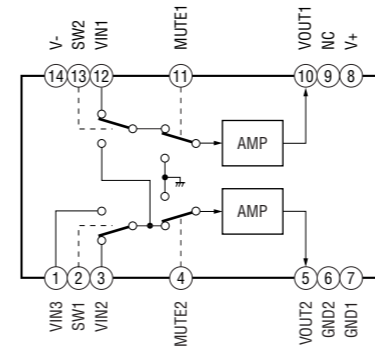
– DISPLAY Board –

IC802  $\mu$ PD16315GB-3BS

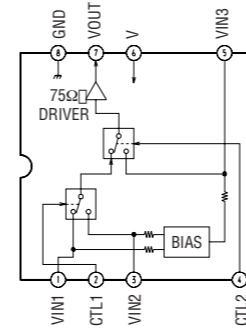


– VIDEO Board –

IC701 NJM2279M-TE2



IC771 NJM2243M (TE2)





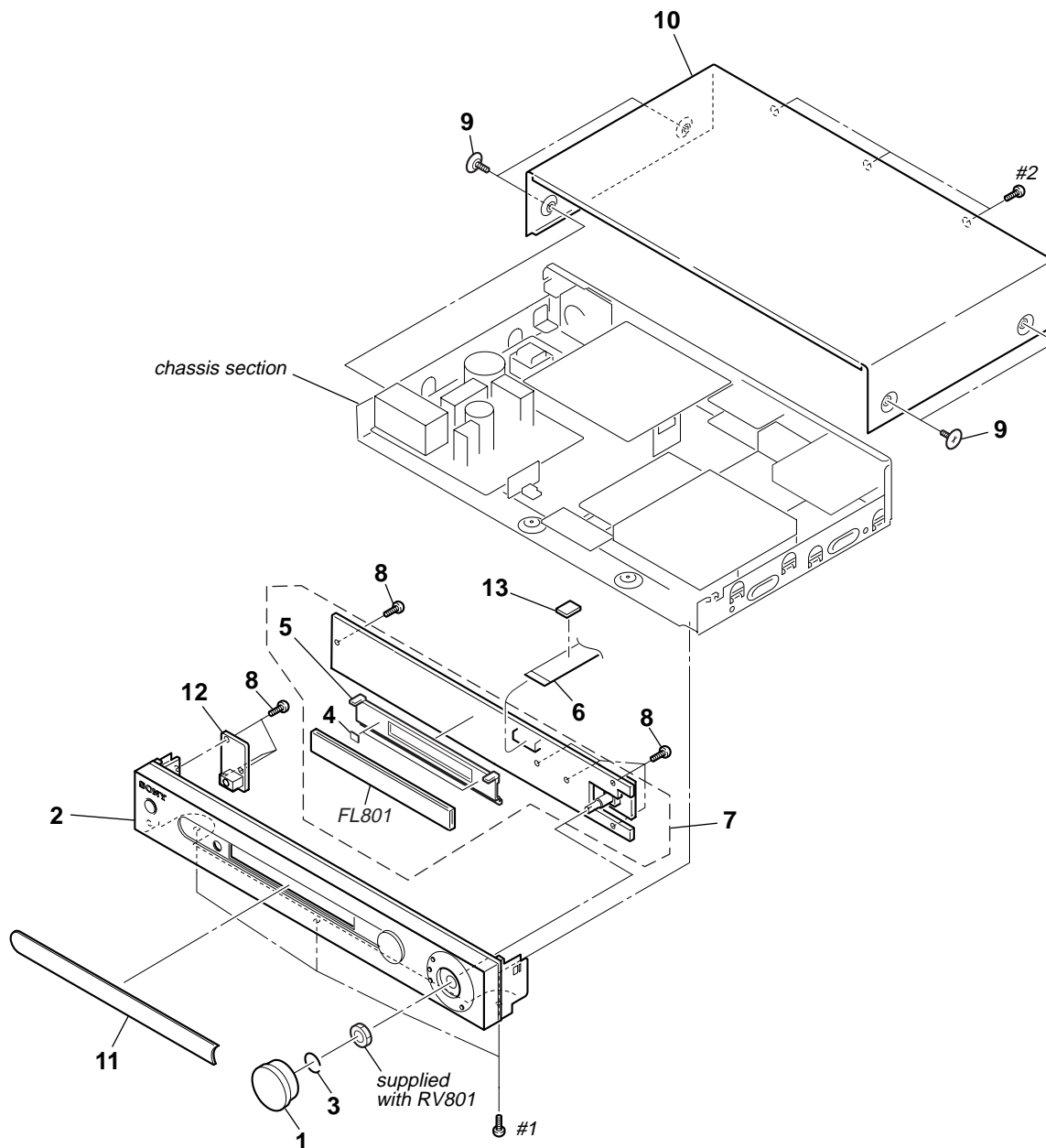
## SECTION 5 EXPLODED VIEWS

**NOTE:**

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked “\*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Accessories are given in the last of this parts list.

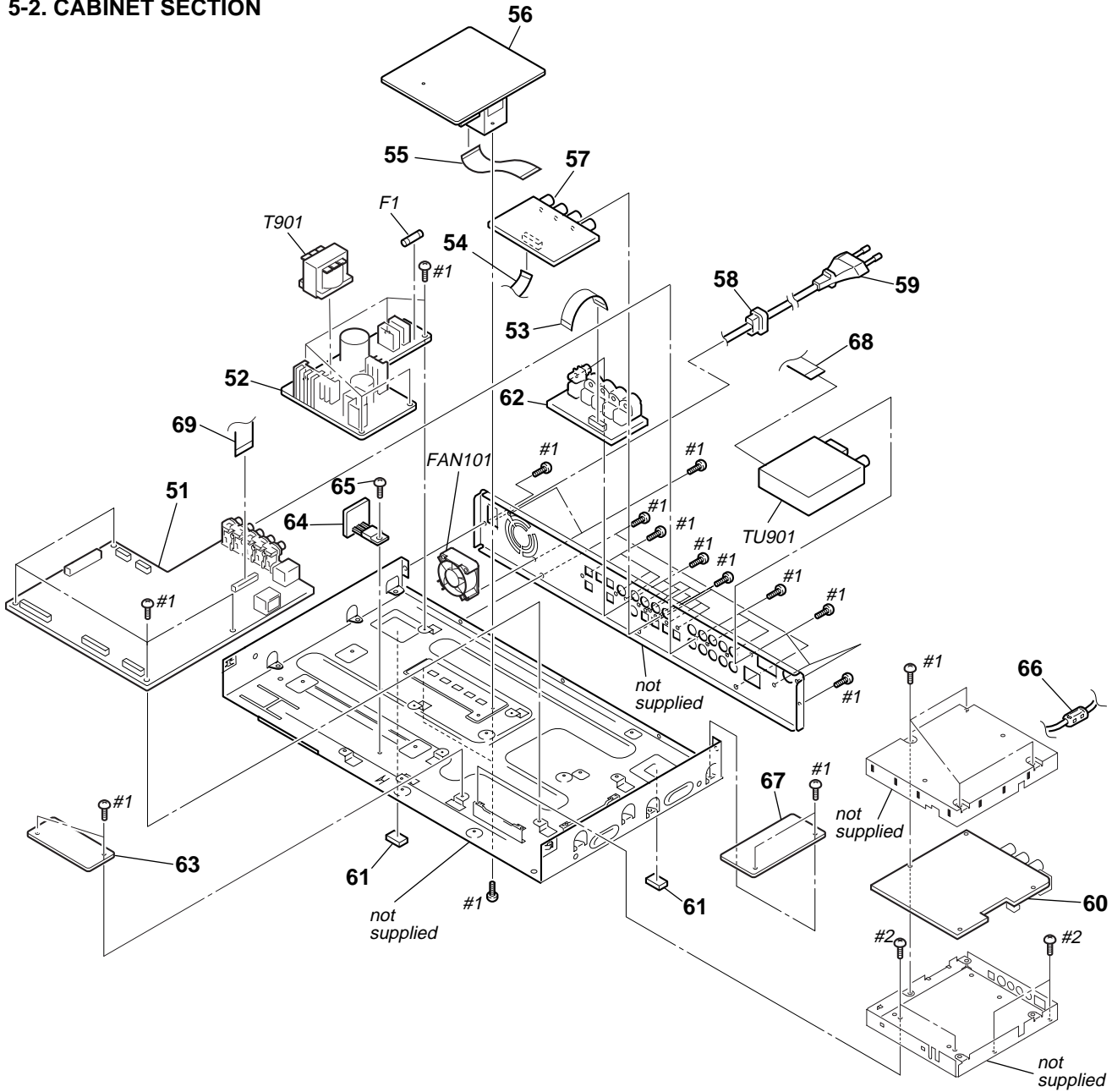
The components identified by mark  $\triangle$  or dotted line with mark  $\triangle$  are critical for safety. Replace only with part number specified.

### 5-1. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	X-4955-665-2	KNOB (VOL) ASSY		10	4-247-114-11	CASE	
2	X-4956-075-2	PANEL ASSY, FRONT		11	4-247-146-02	WINDOW (FL)	
3	3-354-981-11	SPRING (SUS), RING		12	A-4733-956-A	H.P BOARD, COMPLETE	
* 4	4-921-941-11	CUSHION (FL)		* 13	3-378-433-01	CUSHION, SARANET	
5	4-246-462-01	HOLDER (FL-B9)		FL801	1-518-903-11	INDICATOR TUBE, FLUORESCENT	
6	1-751-688-11	WIRE (FLAT TYPE) (13 CORE)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
7	A-4733-964-A	DISPLAY BOARD, COMPLETE		#2	7-685-871-01	SCREW +BVTT 3X6 (S)	
8	4-951-620-01	SCREW (2.6X8), +BVTP					
9	3-070-883-21	SCREW, TAPPING					

5-2. CABINET SECTION



The components identified by mark  $\triangle$  or dotted line with mark  $\triangle$  are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	A-4750-191-A	DIGITAL BOARD, COMPLETE		63	A-4747-009-A	SUB POWER BOARD, COMPLETE	
52	A-4750-193-A	POWER BOARD, COMPLETE		64	1-860-430-11	REG BOARD	
53	1-769-878-11	WIRE (FLAT TYPE) (7 CORE)		65	3-970-608-01	SUMITITE (B3), +BV	
54	1-769-841-11	WIRE (FLAT TYPE) (5 CORE)		66	1-469-089-11	FILTER, CLAMP (FERRITE CORE)	
55	1-773-141-11	WIRE (FLAT TYPE) (21 CORE)		67	A-4749-753-A	FILTER BOARD, COMPLETE	
56	A-4733-963-A	AMP BOARD, COMPLETE		68	1-773-004-11	WIRE (FLAT TYPE) (15 CORE)	
57	A-4747-003-A	VIDEO BOARD, COMPLETE		69	1-773-004-11	WIRE (FLAT TYPE) (15 CORE)	
58	4-966-267-04	BUSHING (FBS001), CORD		$\triangle$ F1	1-533-469-12	FUSE, GLASS TUBE (DIA. 5) (T2.5AL/250V)	
$\triangle$ 59	1-777-071-23	CORD, POWER		FAN101	1-763-561-12	FAN, D.C.	
60	A-8068-399-A	VIF-20 (EU) ASSY		$\triangle$ T901	1-437-866-11	TRANSFORMER, POWER	
61	4-977-358-01	CUSHION		TU901	1-693-578-21	TUNER	
62	A-4733-949-A	DIG-IN BOARD, COMPLETE		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
				#2	7-685-871-01	SCREW +BVTT 3X6 (S)	

## SECTION 6 ELECTRICAL PARTS LIST

AMP

## NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "\*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- CAPACITORS:  
uF:  $\mu$ F
- COILS  
uH:  $\mu$ H
- RESISTORS  
All resistors are in ohms.  
METAL: metal-film resistor  
METAL OXIDE: Metal Oxide-film resistor  
F: nonflammable

- SEMICONDUCTORS  
In each case, u:  $\mu$ , for example:  
uA...:  $\mu$ A..., uPA...,  $\mu$ PA...,  
uPB...,  $\mu$ PB..., uPC...,  $\mu$ PC...,  
uPD...,  $\mu$ PD...

When indicating parts by reference number, please include the board name.

The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-4733-963-A	AMP BOARD, COMPLETE *****					
		< CAPACITOR >					
C401	1-163-117-00	CERAMIC CHIP	100PF 5% 50V	C446	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C402	1-119-799-11	ELECT	47uF 20% 25V	C447	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C403	1-163-093-00	CERAMIC CHIP	10PF 5% 50V	C448	1-136-165-00	FILM	0.1uF 5% 50V
C404	1-127-732-51	ELECT	2200uF 20% 35V	C449	1-136-165-00	FILM	0.1uF 5% 50V
C405	1-163-093-00	CERAMIC CHIP	10PF 5% 50V	C450	1-136-157-00	FILM	0.022uF 5% 50V
C406	1-127-718-91	ELECT	100uF 20% 16V	C451	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C408	1-165-319-11	CERAMIC CHIP	0.1uF 5% 50V	C452	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C409	1-127-718-91	ELECT	100uF 20% 16V	C453	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C410	1-128-834-11	ELECT	470uF 20% 10V	C454	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C411	1-127-718-91	ELECT	100uF 20% 16V	C455	1-131-704-11	FILM	1uF 5% 50V
C413	1-127-718-91	ELECT	100uF 20% 16V	C456	1-136-165-00	FILM	0.1uF 5% 50V
C414	1-165-319-11	CERAMIC CHIP	0.1uF 5% 50V	C457	1-136-165-00	FILM	0.1uF 5% 50V
C416	1-163-093-00	CERAMIC CHIP	10PF 5% 50V	C458	1-165-319-11	CERAMIC CHIP	0.1uF 5% 50V
C417	1-163-093-00	CERAMIC CHIP	10PF 5% 50V	C459	1-131-704-11	FILM	1uF 5% 50V
C418	1-163-117-00	CERAMIC CHIP	100PF 5% 50V	C460	1-136-165-00	FILM	0.1uF 5% 50V
C419	1-119-799-11	ELECT	47uF 20% 25V	C461	1-136-157-00	FILM	0.022uF 5% 50V
C420	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	C462	1-127-720-91	ELECT	470uF 20% 16V
C421	1-127-718-91	ELECT	100uF 20% 16V	C463	1-165-319-11	CERAMIC CHIP	0.1uF 5% 50V
C423	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	C464	1-128-851-91	ELECT	100uF 20% 35V
C424	1-136-157-00	FILM	0.022uF 5% 50V	C465	1-127-720-91	ELECT	470uF 20% 16V
C425	1-162-910-11	CERAMIC CHIP	5PF 0.25PF 50V	C466	1-165-319-11	CERAMIC CHIP	0.1uF 5% 50V
C426	1-163-093-00	CERAMIC CHIP	10PF 5% 50V	C467	1-136-165-00	FILM	0.1uF 5% 50V
C427	1-131-704-11	FILM	1uF 5% 50V	C468	1-136-165-00	FILM	0.1uF 5% 50V
C428	1-136-165-00	FILM	0.1uF 5% 50V	C469	1-136-157-00	FILM	0.022uF 5% 50V
C429	1-136-165-00	FILM	0.1uF 5% 50V	C470	1-131-704-11	FILM	1uF 5% 50V
C430	1-165-319-11	CERAMIC CHIP	0.1uF 5% 50V	C471	1-136-165-00	FILM	0.1uF 5% 50V
C431	1-131-704-11	FILM	1uF 5% 50V	C472	1-165-319-11	CERAMIC CHIP	0.1uF 5% 50V
C432	1-136-165-00	FILM	0.1uF 5% 50V	C473	1-131-704-11	FILM	1uF 5% 50V
C433	1-136-157-00	FILM	0.022uF 5% 50V	C474	1-136-157-00	FILM	0.022uF 5% 50V
C434	1-119-799-11	ELECT	47uF 20% 25V	C475	1-119-799-11	ELECT	47uF 20% 25V
C435	1-127-720-91	ELECT	470uF 20% 16V	C476	1-127-720-91	ELECT	470uF 20% 16V
C436	1-165-319-11	CERAMIC CHIP	0.1uF 5% 50V	C477	1-165-319-11	CERAMIC CHIP	0.1uF 5% 50V
C437	1-128-851-91	ELECT	100uF 20% 35V	C478	1-128-851-91	ELECT	100uF 20% 35V
C438	1-127-720-91	ELECT	470uF 20% 16V	C479	1-127-720-91	ELECT	470uF 20% 16V
C439	1-165-319-11	CERAMIC CHIP	0.1uF 5% 50V	C480	1-165-319-11	CERAMIC CHIP	0.1uF 5% 50V
C440	1-127-718-91	ELECT	100uF 20% 16V	C481	1-127-718-91	ELECT	100uF 20% 16V
C441	1-136-165-00	FILM	0.1uF 5% 50V	C482	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C442	1-136-165-00	FILM	0.1uF 5% 50V	C483	1-164-315-11	CERAMIC CHIP	470PF 5% 50V
C443	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	C484	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C444	1-164-315-11	CERAMIC CHIP	470PF 5% 50V	C485	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C445	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	C486	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
				C487	1-163-259-91	CERAMIC CHIP	220PF 5% 50V
				C488	1-131-704-11	FILM	1uF 5% 50V
				C489	1-117-720-11	CERAMIC CHIP	4.7uF 10V
				C490	1-131-704-11	FILM	1uF 5% 50V

# STR-LV700R

## AMP

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C491	1-163-117-00	CERAMIC CHIP	100PF 5%	50V	D404	6-500-709-01	DIODE P6SMB43AT3
C492	1-162-970-11	CERAMIC CHIP	0.01uF 10%	25V	D405	6-500-131-01	DIODE LI116
C493	1-162-970-11	CERAMIC CHIP	0.01uF 10%	25V	D406	6-500-131-01	DIODE LI116
C494	1-162-970-11	CERAMIC CHIP	0.01uF 10%	25V	D407	6-500-709-01	DIODE P6SMB43AT3
C495	1-162-970-11	CERAMIC CHIP	0.01uF 10%	25V	D408	6-500-248-01	DIODE SFPL-62V
C496	1-117-720-11	CERAMIC CHIP	4.7uF	10V	D409	6-500-248-01	DIODE SFPL-62V
C497	1-163-117-00	CERAMIC CHIP	100PF 5%	50V	D410	6-500-709-01	DIODE P6SMB43AT3
C498	1-127-718-91	ELECT	100uF 20%	16V	D411	6-500-131-01	DIODE LI116
C499	1-127-718-91	ELECT	100uF 20%	16V	D412	6-500-131-01	DIODE LI116
C500	1-117-720-11	CERAMIC CHIP	4.7uF	10V	D413	6-500-709-01	DIODE P6SMB43AT3
C501	1-163-275-11	CERAMIC CHIP	0.001uF 5%	50V	D414	6-500-248-01	DIODE SFPL-62V
C502	1-128-844-11	ELECT	33uF 20%	25V	D415	6-500-248-01	DIODE SFPL-62V
C503	1-117-720-11	CERAMIC CHIP	4.7uF	10V	D416	6-500-709-01	DIODE P6SMB43AT3
C504	1-136-157-00	FILM	0.022uF 5%	50V	D417	6-500-131-01	DIODE LI116
C505	1-117-720-11	CERAMIC CHIP	4.7uF	10V	D418	6-500-131-01	DIODE LI116
C506	1-131-704-11	FILM	1uF 5%	50V	D419	6-500-709-01	DIODE P6SMB43AT3
C507	1-136-165-00	FILM	0.1uF 5%	50V	D420	8-719-988-61	DIODE 1SS355TE-17
C508	1-165-319-11	CERAMIC CHIP	0.1uF	50V	D421	8-719-988-61	DIODE 1SS355TE-17
C509	1-131-704-11	FILM	1uF 5%	50V	D422	8-719-016-74	DIODE 1SS352
C510	1-136-157-00	FILM	0.022uF 5%	50V	D423	8-719-988-61	DIODE 1SS355TE-17
C511	1-119-799-11	ELECT	47uF 20%	25V	D424	8-719-988-61	DIODE 1SS355TE-17
C512	1-127-720-91	ELECT	470uF 20%	16V	D425	8-719-988-61	DIODE 1SS355TE-17
C513	1-165-319-11	CERAMIC CHIP	0.1uF	50V	D426	6-500-248-01	DIODE SFPL-62V
C514	1-128-851-91	ELECT	100uF 20%	35V	D427	6-500-248-01	DIODE SFPL-62V
C515	1-127-720-91	ELECT	470uF 20%	16V	D428	6-500-709-01	DIODE P6SMB43AT3
C516	1-165-319-11	CERAMIC CHIP	0.1uF	50V	D429	6-500-131-01	DIODE LI116
C517	1-165-319-11	CERAMIC CHIP	0.1uF	50V	D430	6-500-131-01	DIODE LI116
C518	1-127-718-91	ELECT	100uF 20%	16V	D431	6-500-709-01	DIODE P6SMB43AT3
C519	1-162-970-11	CERAMIC CHIP	0.01uF 10%	25V	D432	6-500-248-01	DIODE SFPL-62V
C520	1-164-315-11	CERAMIC CHIP	470PF 5%	50V	D433	6-500-248-01	DIODE SFPL-62V
C521	1-162-970-11	CERAMIC CHIP	0.01uF 10%	25V	D434	6-500-709-01	DIODE P6SMB43AT3
C522	1-162-970-11	CERAMIC CHIP	0.01uF 10%	25V	D435	6-500-131-01	DIODE LI116
C523	1-162-970-11	CERAMIC CHIP	0.01uF 10%	25V	D436	6-500-131-01	DIODE LI116
C524	1-136-157-00	FILM	0.022uF 5%	50V	D437	6-500-709-01	DIODE P6SMB43AT3
C525	1-162-970-11	CERAMIC CHIP	0.01uF 10%	25V	< FERRITE BEAD >		
C526	1-162-970-11	CERAMIC CHIP	0.01uF 10%	25V	FB403	1-469-152-11	FERRITE 0uH
C527	1-162-970-11	CERAMIC CHIP	0.01uF 10%	25V	FB404	1-469-152-11	FERRITE 0uH
C528	1-162-970-11	CERAMIC CHIP	0.01uF 10%	25V	FB405	1-469-152-11	FERRITE 0uH
C529	1-131-704-11	FILM	1uF 5%	50V	FB406	1-469-152-11	FERRITE 0uH
C530	1-136-165-00	FILM	0.1uF 5%	50V	FB407	1-469-152-11	FERRITE 0uH
C531	1-165-319-11	CERAMIC CHIP	0.1uF	50V	< IC >		
C532	1-131-704-11	FILM	1uF 5%	50V	IC401	8-759-832-05	IC BA18BC0FP-E2
C533	1-136-157-00	FILM	0.022uF 5%	50V	IC402	8-759-636-55	IC M5218AFP-TE1
C534	1-127-720-91	ELECT	470uF 20%	16V	IC403	6-701-189-01	IC MC74VHC1GU04DFT1
C535	1-165-319-11	CERAMIC CHIP	0.1uF	50V	IC404	6-703-288-01	IC CXD9750L
C536	1-128-851-91	ELECT	100uF 20%	35V	IC405	6-703-287-01	IC CXD9743N
C537	1-127-720-91	ELECT	470uF 20%	16V	IC406	6-703-288-01	IC CXD9750L
C538	1-165-319-11	CERAMIC CHIP	0.1uF	50V	IC407	6-703-288-01	IC CXD9750L
C539	1-162-970-11	CERAMIC CHIP	0.01uF 10%	25V	IC408	6-703-287-01	IC CXD9743N
< CONNECTOR >				IC409	8-759-636-55	IC M5218AFP-TE1	
CN403	1-568-838-11	CONNECTOR, FFC 21P		IC410	6-703-288-01	IC CXD9750L	
* CN404	1-564-720-11	PIN, CONNECTOR (SMALL TYPE) 4P		IC411	6-703-287-01	IC CXD9743N	
< DIODE >				IC412	6-703-288-01	IC CXD9750L	
D401	8-719-016-74	DIODE 1SS352					
D402	6-500-248-01	DIODE SFPL-62V					
D403	6-500-248-01	DIODE SFPL-62V					

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< JACK >				< RESISTOR >	
J402	1-780-026-11	TERMINAL BOARD (SPEAKER) (SPEAKERS)		R401	1-216-081-00	METAL CHIP 22K 5%	1/10W
J403	1-793-446-11	JACK, PIN 1P (SUB WOOFER)		R402	1-216-097-11	RES-CHIP 100K 5%	1/10W
		< CHIP JUMPER >		R403	1-216-033-00	METAL CHIP 220 5%	1/10W
JC401	1-216-295-91	SHORT CHIP 0		R404	1-216-081-00	METAL CHIP 22K 5%	1/10W
JC402	1-216-295-91	SHORT CHIP 0		R405	1-216-077-91	RES-CHIP 15K 5%	1/10W
JC403	1-216-295-91	SHORT CHIP 0		R406	1-216-097-11	RES-CHIP 100K 5%	1/10W
JC404	1-216-295-91	SHORT CHIP 0		R407	1-216-081-00	METAL CHIP 22K 5%	1/10W
JC405	1-216-295-91	SHORT CHIP 0		R408	1-216-057-00	METAL CHIP 2.2K 5%	1/10W
JC406	1-216-295-91	SHORT CHIP 0		R409	1-216-057-00	METAL CHIP 2.2K 5%	1/10W
JC407	1-216-295-91	SHORT CHIP 0		R410	1-216-081-00	METAL CHIP 22K 5%	1/10W
JC408	1-216-295-91	SHORT CHIP 0		R411	1-216-057-00	METAL CHIP 2.2K 5%	1/10W
JC409	1-216-295-91	SHORT CHIP 0		R412	1-216-057-00	METAL CHIP 2.2K 5%	1/10W
JC410	1-216-295-91	SHORT CHIP 0		R413	1-216-073-91	RES-CHIP 10K 5%	1/10W
JC411	1-216-295-91	SHORT CHIP 0		R414	1-216-081-00	METAL CHIP 22K 5%	1/10W
JC412	1-216-295-91	SHORT CHIP 0		R415	1-216-097-11	RES-CHIP 100K 5%	1/10W
JC413	1-216-295-91	SHORT CHIP 0		R416	1-216-077-91	RES-CHIP 15K 5%	1/10W
JC414	1-216-295-91	SHORT CHIP 0		R417	1-216-065-91	RES-CHIP 4.7K 5%	1/10W
JC415	1-216-295-91	SHORT CHIP 0		R418	1-216-081-00	METAL CHIP 22K 5%	1/10W
JC416	1-216-295-91	SHORT CHIP 0		R419	1-216-081-00	METAL CHIP 22K 5%	1/10W
JC417	1-216-295-91	SHORT CHIP 0		R420	1-216-081-00	METAL CHIP 22K 5%	1/10W
JC418	1-216-295-91	SHORT CHIP 0		R421	1-216-097-11	RES-CHIP 100K 5%	1/10W
JC419	1-216-295-91	SHORT CHIP 0		R422	1-216-033-00	METAL CHIP 220 5%	1/10W
JC420	1-216-295-91	SHORT CHIP 0		R423	1-216-819-11	METAL CHIP 680 5%	1/10W
JC421	1-216-295-91	SHORT CHIP 0		R424	1-216-857-11	METAL CHIP 1M 5%	1/10W
JC422	1-216-295-91	SHORT CHIP 0		R425	1-216-803-11	METAL CHIP 33 5%	1/10W
		< COIL >		R426	1-216-803-11	METAL CHIP 33 5%	1/10W
L401	1-410-369-11	INDUCTOR CHIP 1uH		R427	1-216-801-11	METAL CHIP 22 5%	1/10W
L402	1-456-380-11	INDUCTOR 10uH		R428	1-216-803-11	METAL CHIP 33 5%	1/10W
L403	1-456-380-11	INDUCTOR 10uH		R429	1-216-803-11	METAL CHIP 33 5%	1/10W
L404	1-456-380-11	INDUCTOR 10uH		R430	1-216-803-11	METAL CHIP 33 5%	1/10W
L405	1-456-380-11	INDUCTOR 10uH		R431	1-216-803-11	METAL CHIP 33 5%	1/10W
L406	1-456-380-11	INDUCTOR 10uH		R432	1-216-073-91	RES-CHIP 10K 5%	1/10W
L407	1-456-380-11	INDUCTOR 10uH		R433	1-216-073-91	RES-CHIP 10K 5%	1/10W
L408	1-456-380-11	INDUCTOR 10uH		R434	1-216-081-00	METAL CHIP 22K 5%	1/10W
L409	1-456-380-11	INDUCTOR 10uH		R435	1-216-849-11	METAL CHIP 220K 5%	1/10W
L410	1-456-380-11	INDUCTOR 10uH		R436	1-216-073-91	RES-CHIP 10K 5%	1/10W
L411	1-456-380-11	INDUCTOR 10uH		R437	1-216-073-91	RES-CHIP 10K 5%	1/10W
		< TRANSISTOR >		R438	1-216-095-00	METAL CHIP 82K 5%	1/10W
Q401	8-729-024-91	TRANSISTOR 2SC2712-GL-TE85L		R439	1-216-849-11	METAL CHIP 220K 5%	1/10W
Q402	8-729-216-22	TRANSISTOR 2SA1162-G		R440	1-216-081-00	METAL CHIP 22K 5%	1/10W
Q403	8-729-216-22	TRANSISTOR 2SA1162-G		R441	1-216-849-11	METAL CHIP 220K 5%	1/10W
Q404	8-729-216-22	TRANSISTOR 2SA1162-G		R442	1-216-065-91	RES-CHIP 4.7K 5%	1/10W
Q405	8-729-216-22	TRANSISTOR 2SA1162-G		R443	1-216-095-00	METAL CHIP 82K 5%	1/10W
Q406	8-729-216-22	TRANSISTOR 2SA1162-G		R444	1-216-849-11	METAL CHIP 220K 5%	1/10W
Q407	8-729-216-22	TRANSISTOR 2SA1162-G		R445	1-216-803-11	METAL CHIP 33 5%	1/10W
Q408	8-729-024-91	TRANSISTOR 2SC2712-GL-TE85L		R446	1-216-803-11	METAL CHIP 33 5%	1/10W
Q409	8-729-216-22	TRANSISTOR 2SA1162-G		R447	1-216-065-91	RES-CHIP 4.7K 5%	1/10W
Q410	8-729-216-22	TRANSISTOR 2SA1162-G		R448	1-216-081-00	METAL CHIP 22K 5%	1/10W
Q411	8-729-216-22	TRANSISTOR 2SA1162-G		R449	1-216-849-11	METAL CHIP 220K 5%	1/10W
Q412	8-729-216-22	TRANSISTOR 2SA1162-G		R450	1-216-081-00	METAL CHIP 22K 5%	1/10W
Q413	8-729-024-91	TRANSISTOR 2SC2712-GL-TE85L		R451	1-216-049-11	RES-CHIP 1K 5%	1/10W
				R452	1-216-095-00	METAL CHIP 82K 5%	1/10W
				R453	1-216-849-11	METAL CHIP 220K 5%	1/10W
				R454	1-216-053-00	METAL CHIP 1.5K 5%	1/10W
				R455	1-216-073-91	RES-CHIP 10K 5%	1/10W
				R456	1-216-065-91	RES-CHIP 4.7K 5%	1/10W

# STR-LV700R

**AMP**      **DIG-IN**      **DIGITAL**

Ref. No.	Part No.	Description	Remark
R457	1-216-849-11	METAL CHIP 220K 5%	1/10W
R458	1-216-095-00	METAL CHIP 82K 5%	1/10W
R459	1-216-849-11	METAL CHIP 220K 5%	1/10W
R460	1-216-849-11	METAL CHIP 220K 5%	1/10W
R461	1-216-095-00	METAL CHIP 82K 5%	1/10W
R462	1-216-849-11	METAL CHIP 220K 5%	1/10W
R463	1-216-803-11	METAL CHIP 33 5%	1/10W
R464	1-216-803-11	METAL CHIP 33 5%	1/10W
R465	1-216-821-11	METAL CHIP 1K 5%	1/10W
R466	1-216-857-11	METAL CHIP 1M 5%	1/10W
R467	1-216-809-11	METAL CHIP 100 5%	1/10W
R468	1-216-809-11	METAL CHIP 100 5%	1/10W
R469	1-216-809-11	METAL CHIP 100 5%	1/10W
R470	1-216-809-11	METAL CHIP 100 5%	1/10W
R471	1-216-809-11	METAL CHIP 100 5%	1/10W
R472	1-216-809-11	METAL CHIP 100 5%	1/10W
R473	1-216-821-11	METAL CHIP 1K 5%	1/10W
R474	1-216-821-11	METAL CHIP 1K 5%	1/10W
R475	1-216-809-11	METAL CHIP 100 5%	1/10W
R476	1-216-809-11	METAL CHIP 100 5%	1/10W
R477	1-216-809-11	METAL CHIP 100 5%	1/10W
R478	1-216-803-11	METAL CHIP 33 5%	1/10W
R479	1-216-809-11	METAL CHIP 100 5%	1/10W
R480	1-216-803-11	METAL CHIP 33 5%	1/10W
R481	1-216-809-11	METAL CHIP 100 5%	1/10W
R482	1-216-833-11	METAL CHIP 10K 5%	1/10W
R483	1-216-821-11	METAL CHIP 1K 5%	1/10W
R484	1-216-821-11	METAL CHIP 1K 5%	1/10W
R486	1-216-017-91	RES-CHIP 47 5%	1/10W
R487	1-216-017-91	RES-CHIP 47 5%	1/10W
R488	1-216-073-91	RES-CHIP 10K 5%	1/10W
< RELAY >			
RY401	1-515-614-11	RELAY	
RY402	1-515-614-11	RELAY	
< VIBRATOR >			
X401	1-795-286-21	VIBRATOR, CRYSTAL (49.152MHz)	
*****			
A-4733-949-A DIG-IN BOARD, COMPLETE *****			
< CAPACITOR >			
C101	1-163-021-91	CERAMIC CHIP 0.01uF 10%	50V
C112	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C113	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C114	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C115	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C116	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C117	1-128-858-11	ELECT 22uF 20%	50V
C225	1-119-799-11	ELECT 47uF 20%	25V
< CONNECTOR >			
CN102	1-568-826-11	CONNECTOR, FFC 7P	

Ref. No.	Part No.	Description	Remark
< IC >			
IC101	6-600-014-01	IC TORX141L (DVD OPT IN)	
IC102	6-600-014-01	IC TORX141L (TV/SAT OPT IN)	
IC103	6-600-014-01	IC TORX141L (HDD/MD OPT IN)	
IC104	6-600-012-11	IC TOTX141L(RED) (HDD/MD OPT OUT)	
< JACK >			
J101	1-778-228-11	JACK, PIN 1P (COAX IN)	
< RESISTOR >			
R101	1-216-022-00	METAL CHIP 75 5%	1/10W
R120	1-216-025-11	RES-CHIP 100 5%	1/10W
R121	1-216-025-11	RES-CHIP 100 5%	1/10W
R122	1-216-025-11	RES-CHIP 100 5%	1/10W
R123	1-216-025-11	RES-CHIP 100 5%	1/10W
*****			
A-4750-191-A DIGITAL BOARD, COMPLETE *****			
< CAPACITOR >			
C102	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C103	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C104	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C105	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C106	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C107	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C108	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C109	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C110	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C111	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C118	1-128-844-11	ELECT 33uF 20%	25V
C119	1-128-844-11	ELECT 33uF 20%	25V
C120	1-128-844-11	ELECT 33uF 20%	25V
C121	1-128-844-11	ELECT 33uF 20%	25V
C122	1-128-844-11	ELECT 33uF 20%	25V
C123	1-128-844-11	ELECT 33uF 20%	25V
C124	1-128-844-11	ELECT 33uF 20%	25V
C125	1-128-844-11	ELECT 33uF 20%	25V
C126	1-128-844-11	ELECT 33uF 20%	25V
C127	1-128-844-11	ELECT 33uF 20%	25V
C128	1-163-217-11	CERAMIC CHIP 1PF 0.25PF	50V
C129	1-119-824-11	ELECT 10uF 20%	50V
C130	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C131	1-119-824-11	ELECT 10uF 20%	50V
C132	1-163-021-91	CERAMIC CHIP 0.01uF 10%	50V
C133	1-119-799-11	ELECT 47uF 20%	25V
C134	1-163-021-91	CERAMIC CHIP 0.01uF 10%	50V
C135	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C139	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C140	1-163-021-91	CERAMIC CHIP 0.01uF 10%	50V
C141	1-163-021-91	CERAMIC CHIP 0.01uF 10%	50V
C142	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C143	1-119-824-11	ELECT 10uF 20%	50V
C146	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C147	1-119-799-11	ELECT 47uF 20%	25V
C148	1-165-319-11	CERAMIC CHIP 0.1uF	50V

## DIGITAL

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C149	1-163-251-11	CERAMIC CHIP	100PF 5% 50V	C220	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C150	1-163-251-11	CERAMIC CHIP	100PF 5% 50V	C221	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V
C151	1-128-844-11	ELECT	33uF 20% 25V	C222	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C152	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V	C223	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V
C153	1-119-823-11	ELECT	4.7uF 20% 50V	C224	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V
C154	1-119-823-11	ELECT	4.7uF 20% 50V	C227	1-119-799-11	ELECT	47uF 20% 25V
C156	1-128-844-11	ELECT	33uF 20% 25V	C228	1-119-799-11	ELECT	47uF 20% 25V
C157	1-119-799-11	ELECT	47uF 20% 25V	C299	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C158	1-165-319-11	CERAMIC CHIP	0.1uF 50V	C300	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C159	1-119-824-11	ELECT	10uF 20% 50V	C301	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C160	1-165-319-11	CERAMIC CHIP	0.1uF 50V	C302	1-109-982-11	CERAMIC CHIP	1uF 10% 10V
C161	1-165-319-11	CERAMIC CHIP	0.1uF 50V	C304	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C162	1-165-319-11	CERAMIC CHIP	0.1uF 50V	C305	1-128-858-11	ELECT	22uF 20% 25V
C163	1-163-133-00	CERAMIC CHIP	470PF 5% 50V	C795	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V
C164	1-165-319-11	CERAMIC CHIP	0.1uF 50V	C796	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C165	1-119-824-11	ELECT	10uF 20% 50V	C797	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C166	1-163-133-00	CERAMIC CHIP	470PF 5% 50V	C798	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C167	1-163-233-91	CERAMIC CHIP	18PF 5% 50V	C799	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C168	1-163-233-91	CERAMIC CHIP	18PF 5% 50V			< CONNECTOR >	
C169	1-165-319-11	CERAMIC CHIP	0.1uF 50V	CN101	1-784-776-11	CONNECTOR, FFC 15P	
C170	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V	CN103	1-568-826-11	CONNECTOR, FFC 7P	
C173	1-163-141-00	CERAMIC CHIP	0.001uF 5% 50V	CN104	1-784-766-11	CONNECTOR, FFC 5P	
C176	1-163-251-11	CERAMIC CHIP	100PF 5% 50V	CN105	1-568-838-11	CONNECTOR, FFC 21P	
C180	1-165-319-11	CERAMIC CHIP	0.1uF 50V	CN107	1-784-923-11	PIN, CONNECTOR 7P	
C182	1-165-319-11	CERAMIC CHIP	0.1uF 50V	CN108	1-784-774-11	CONNECTOR, FFC 13P	
C183	1-165-319-11	CERAMIC CHIP	0.1uF 50V	* CN109	1-564-708-11	PIN, CONNECTOR (SMALL TYPE) 6P	
C184	1-128-833-91	ELECT	330uF 20% 10V	CN112	1-779-978-11	PIN, CONNECTOR 3P	
C185	1-165-319-11	CERAMIC CHIP	0.1uF 50V	* CN798	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P	
C186	1-163-251-11	CERAMIC CHIP	100PF 5% 50V	CN1003	1-817-196-11	JACK, MODULAR	
C187	1-165-319-11	CERAMIC CHIP	0.1uF 50V	CN1004	1-817-196-11	JACK, MODULAR (♁♂)	
C188	1-165-319-11	CERAMIC CHIP	0.1uF 50V			< DIODE >	
C189	1-165-319-11	CERAMIC CHIP	0.1uF 50V	D102	8-719-016-74	DIODE 1SS352	
C190	1-165-319-11	CERAMIC CHIP	0.1uF 50V			< FERRITE BEAD >	
C191	1-165-319-11	CERAMIC CHIP	0.1uF 50V	FB101	1-469-152-11	FERRITE	0uH
C192	1-165-319-11	CERAMIC CHIP	0.1uF 50V	FB102	1-469-152-11	FERRITE	0uH
C193	1-165-319-11	CERAMIC CHIP	0.1uF 50V	FB103	1-469-152-11	FERRITE	0uH
C194	1-163-251-11	CERAMIC CHIP	100PF 5% 50V	FB105	1-414-813-11	FERRITE	0uH
C196	1-165-319-11	CERAMIC CHIP	0.1uF 50V	FB106	1-469-152-11	FERRITE	0uH
C197	1-163-251-11	CERAMIC CHIP	100PF 5% 50V	FB108	1-414-813-11	FERRITE	0uH
C198	1-165-319-11	CERAMIC CHIP	0.1uF 50V	FB109	1-469-140-21	FERRITE	0uH
C199	1-165-319-11	CERAMIC CHIP	0.1uF 50V	FB110	1-469-152-11	FERRITE	0uH
C200	1-119-799-11	ELECT	47uF 20% 25V	FB111	1-414-813-11	FERRITE	0uH
C201	1-165-319-11	CERAMIC CHIP	0.1uF 50V	FB112	1-216-864-11	METAL CHIP	0 5% 1/10W
C202	1-165-319-11	CERAMIC CHIP	0.1uF 50V	FB113	1-469-450-21	FERRITE	0uH
C203	1-165-319-11	CERAMIC CHIP	0.1uF 50V			< IC >	
C204	1-163-037-11	CERAMIC CHIP	0.022uF 10% 25V	IC105	8-759-926-17	IC TC74HC153AF(EL)	
C205	1-163-037-11	CERAMIC CHIP	0.022uF 10% 25V	IC106	8-759-008-67	IC BU4066BCF-E2	
C206	1-165-319-11	CERAMIC CHIP	0.1uF 50V	IC107	8-759-242-70	IC TC7WU04F(TE12R)	
C207	1-165-319-11	CERAMIC CHIP	0.1uF 50V	IC108	8-759-525-25	IC BU4052BCF-E2	
C209	1-165-319-11	CERAMIC CHIP	0.1uF 50V	IC111	8-759-825-15	IC LC89056W-E	
C210	1-119-824-11	ELECT	10uF 20% 50V	IC112	8-759-636-55	IC M5218AFP-TE1	
C211	1-165-319-11	CERAMIC CHIP	0.1uF 50V	IC113	8-759-560-56	IC PCM1800E/2K	
C215	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V				
C216	1-165-319-11	CERAMIC CHIP	0.1uF 50V				
C217	1-165-319-11	CERAMIC CHIP	0.1uF 50V				
C218	1-128-834-11	ELECT	470uF 20% 10V				
C219	1-119-799-11	ELECT	47uF 20% 25V				

# STR-LV700R

## DIGITAL

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
IC114	8-759-835-63	IC NJM2391DL1-26(Te1)		R137	1-216-097-11	RES-CHIP 100K 5%	1/10W
IC115	8-759-698-76	IC CXD9617R		R138	1-216-081-00	METAL CHIP 22K 5%	1/10W
IC116	6-704-037-01	IC IC61LV6416-15TG		R139	1-216-081-00	METAL CHIP 22K 5%	1/10W
				R140	1-216-013-00	METAL CHIP 33 5%	1/10W
IC117	8-759-641-86	IC BR24C16F-E2		R141	1-216-065-91	RES-CHIP 4.7K 5%	1/10W
IC118	6-803-919-01	IC MB90F474HPF-G-SOZ1398		R142	1-216-081-00	METAL CHIP 22K 5%	1/10W
IC119	6-702-913-01	IC S-80929CNMC-G8ZT2G		R143	1-216-115-00	METAL CHIP 560K 5%	1/10W
IC797	8-759-424-13	IC SN74HC00ANS-E05		R144	1-216-013-00	METAL CHIP 33 5%	1/10W
IC798	8-759-239-55	IC TC74HC123AF(EL)		R145	1-216-025-11	RES-CHIP 100 5%	1/10W
IC799	8-759-232-65	IC TC74HC157AF(EL)		R146	1-216-073-91	RES-CHIP 10K 5%	1/10W
		< JACK >		R147	1-216-073-91	RES-CHIP 10K 5%	1/10W
J102	1-784-920-11	JACK, PIN 6P (TV/SAT, DVD, VIDEO)		R148	1-216-097-11	RES-CHIP 100K 5%	1/10W
J103	1-784-429-11	JACK, PIN 4P (HDD/MD)		R149	1-216-097-11	RES-CHIP 100K 5%	1/10W
		< TRANSISTOR >		R150	1-216-097-11	RES-CHIP 100K 5%	1/10W
Q101	8-729-027-43	TRANSISTOR DTC114EKA-T146		R151	1-216-097-11	RES-CHIP 100K 5%	1/10W
Q102	8-729-027-43	TRANSISTOR DTC114EKA-T146		R152	1-216-085-91	RES-CHIP 33K 5%	1/10W
Q103	8-729-027-43	TRANSISTOR DTC114EKA-T146		R153	1-216-025-11	RES-CHIP 100 5%	1/10W
Q104	8-729-027-23	TRANSISTOR DTA114EKA-T146		R154	1-216-069-00	METAL CHIP 6.8K 5%	1/10W
Q105	8-729-027-43	TRANSISTOR DTC114EKA-T146		R155	1-216-073-91	RES-CHIP 10K 5%	1/10W
Q106	8-729-027-43	TRANSISTOR DTC114EKA-T146		R156	1-216-069-00	METAL CHIP 6.8K 5%	1/10W
Q109	8-729-027-43	TRANSISTOR DTC114EKA-T146		R157	1-216-067-00	METAL CHIP 5.6K 5%	1/10W
Q403	8-729-101-07	TRANSISTOR 2SB798-DL		R158	1-216-065-91	RES-CHIP 4.7K 5%	1/10W
		< RESISTOR >		R159	1-216-073-91	RES-CHIP 10K 5%	1/10W
R102	1-216-097-11	RES-CHIP 100K 5%	1/10W	R160	1-216-025-11	RES-CHIP 100 5%	1/10W
R103	1-216-097-11	RES-CHIP 100K 5%	1/10W	R161	1-216-025-11	RES-CHIP 100 5%	1/10W
R104	1-216-097-11	RES-CHIP 100K 5%	1/10W	R162	1-216-073-91	RES-CHIP 10K 5%	1/10W
R105	1-216-097-11	RES-CHIP 100K 5%	1/10W	R163	1-216-073-91	RES-CHIP 10K 5%	1/10W
R106	1-216-097-11	RES-CHIP 100K 5%	1/10W	R164	1-216-025-11	RES-CHIP 100 5%	1/10W
R107	1-216-097-11	RES-CHIP 100K 5%	1/10W	R165	1-216-073-91	RES-CHIP 10K 5%	1/10W
R108	1-216-097-11	RES-CHIP 100K 5%	1/10W	R166	1-216-025-11	RES-CHIP 100 5%	1/10W
R109	1-216-097-11	RES-CHIP 100K 5%	1/10W	R168	1-216-025-11	RES-CHIP 100 5%	1/10W
R110	1-216-097-11	RES-CHIP 100K 5%	1/10W	R169	1-216-025-11	RES-CHIP 100 5%	1/10W
R111	1-216-097-11	RES-CHIP 100K 5%	1/10W	R170	1-216-049-11	RES-CHIP 1K 5%	1/10W
R112	1-216-097-11	RES-CHIP 100K 5%	1/10W	R171	1-216-025-11	RES-CHIP 100 5%	1/10W
R113	1-216-097-11	RES-CHIP 100K 5%	1/10W	R172	1-216-121-11	RES-CHIP 1M 5%	1/10W
R114	1-216-049-11	RES-CHIP 1K 5%	1/10W	R173	1-216-025-11	RES-CHIP 100 5%	1/10W
R115	1-216-049-11	RES-CHIP 1K 5%	1/10W	R174	1-216-025-11	RES-CHIP 100 5%	1/10W
R116	1-216-049-11	RES-CHIP 1K 5%	1/10W	R175	1-216-025-11	RES-CHIP 100 5%	1/10W
R117	1-216-049-11	RES-CHIP 1K 5%	1/10W	R176	1-216-025-11	RES-CHIP 100 5%	1/10W
R118	1-216-049-11	RES-CHIP 1K 5%	1/10W	R177	1-216-057-00	METAL CHIP 2.2K 5%	1/10W
R119	1-216-049-11	RES-CHIP 1K 5%	1/10W	R178	1-216-049-11	RES-CHIP 1K 5%	1/10W
R124	1-216-049-11	RES-CHIP 1K 5%	1/10W	R179	1-216-295-91	SHORT CHIP 0	
R125	1-216-049-11	RES-CHIP 1K 5%	1/10W	R183	1-216-073-91	RES-CHIP 10K 5%	1/10W
R126	1-216-049-11	RES-CHIP 1K 5%	1/10W	R184	1-216-049-11	RES-CHIP 1K 5%	1/10W
R127	1-216-049-11	RES-CHIP 1K 5%	1/10W	R185	1-216-049-11	RES-CHIP 1K 5%	1/10W
R128	1-216-049-11	RES-CHIP 1K 5%	1/10W	R186	1-216-033-00	METAL CHIP 220 5%	1/10W
R129	1-216-049-11	RES-CHIP 1K 5%	1/10W	R187	1-216-033-00	METAL CHIP 220 5%	1/10W
R130	1-216-049-11	RES-CHIP 1K 5%	1/10W	R188	1-216-033-00	METAL CHIP 220 5%	1/10W
R131	1-216-097-11	RES-CHIP 100K 5%	1/10W	R189	1-216-033-00	METAL CHIP 220 5%	1/10W
R132	1-216-097-11	RES-CHIP 100K 5%	1/10W	R190	1-216-033-00	METAL CHIP 220 5%	1/10W
R133	1-216-097-11	RES-CHIP 100K 5%	1/10W	R191	1-216-033-00	METAL CHIP 220 5%	1/10W
R134	1-216-097-11	RES-CHIP 100K 5%	1/10W	R192	1-216-033-00	METAL CHIP 220 5%	1/10W
R135	1-216-097-11	RES-CHIP 100K 5%	1/10W	R193	1-216-033-00	METAL CHIP 220 5%	1/10W
R136	1-216-097-11	RES-CHIP 100K 5%	1/10W	R194	1-216-033-00	METAL CHIP 220 5%	1/10W
				R195	1-216-033-00	METAL CHIP 220 5%	1/10W
				R196	1-216-033-00	METAL CHIP 220 5%	1/10W
				R197	1-216-073-91	RES-CHIP 10K 5%	1/10W



## DIGITAL

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R198	1-216-073-91	RES-CHIP	10K	5%	1/10W	R258	1-216-049-11	RES-CHIP	1K	5%	1/10W
R200	1-216-025-11	RES-CHIP	100	5%	1/10W	R259	1-216-089-91	RES-CHIP	47K	5%	1/10W
R201	1-216-025-11	RES-CHIP	100	5%	1/10W	R260	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R202	1-216-864-11	METAL CHIP	0	5%	1/10W	R261	1-216-049-11	RES-CHIP	1K	5%	1/10W
R203	1-216-049-11	RES-CHIP	1K	5%	1/10W	R262	1-216-073-91	RES-CHIP	10K	5%	1/10W
R204	1-216-025-11	RES-CHIP	100	5%	1/10W	R263	1-216-073-91	RES-CHIP	10K	5%	1/10W
R205	1-216-025-11	RES-CHIP	100	5%	1/10W	R265	1-216-085-91	RES-CHIP	33K	5%	1/10W
R206	1-216-025-11	RES-CHIP	100	5%	1/10W	R266	1-216-025-11	RES-CHIP	100	5%	1/10W
R207	1-216-049-11	RES-CHIP	1K	5%	1/10W	R267	1-216-073-91	RES-CHIP	10K	5%	1/10W
R208	1-216-065-91	RES-CHIP	4.7K	5%	1/10W	R268	1-216-049-11	RES-CHIP	1K	5%	1/10W
R209	1-216-049-11	RES-CHIP	1K	5%	1/10W	R269	1-216-025-11	RES-CHIP	100	5%	1/10W
R210	1-216-049-11	RES-CHIP	1K	5%	1/10W	R270	1-216-025-11	RES-CHIP	100	5%	1/10W
R211	1-216-049-11	RES-CHIP	1K	5%	1/10W	R271	1-216-049-11	RES-CHIP	1K	5%	1/10W
R212	1-216-049-11	RES-CHIP	1K	5%	1/10W	R272	1-216-049-11	RES-CHIP	1K	5%	1/10W
R213	1-216-049-11	RES-CHIP	1K	5%	1/10W	R273	1-216-049-11	RES-CHIP	1K	5%	1/10W
R214	1-216-049-11	RES-CHIP	1K	5%	1/10W	R274	1-216-049-11	RES-CHIP	1K	5%	1/10W
R215	1-216-049-11	RES-CHIP	1K	5%	1/10W	R275	1-216-073-91	RES-CHIP	10K	5%	1/10W
R216	1-216-049-11	RES-CHIP	1K	5%	1/10W	R276	1-216-073-91	RES-CHIP	10K	5%	1/10W
R218	1-216-025-11	RES-CHIP	100	5%	1/10W	R277	1-216-073-91	RES-CHIP	10K	5%	1/10W
R219	1-216-025-11	RES-CHIP	100	5%	1/10W	R278	1-216-073-91	RES-CHIP	10K	5%	1/10W
R220	1-216-025-11	RES-CHIP	100	5%	1/10W	R279	1-216-025-11	RES-CHIP	100	5%	1/10W
R221	1-216-049-11	RES-CHIP	1K	5%	1/10W	R280	1-216-049-11	RES-CHIP	1K	5%	1/10W
R222	1-216-073-91	RES-CHIP	10K	5%	1/10W	R281	1-216-049-11	RES-CHIP	1K	5%	1/10W
R223	1-216-049-11	RES-CHIP	1K	5%	1/10W	R282	1-216-049-11	RES-CHIP	1K	5%	1/10W
R224	1-216-025-11	RES-CHIP	100	5%	1/10W	R283	1-216-049-11	RES-CHIP	1K	5%	1/10W
R225	1-216-025-11	RES-CHIP	100	5%	1/10W	R284	1-216-049-11	RES-CHIP	1K	5%	1/10W
R226	1-216-049-11	RES-CHIP	1K	5%	1/10W	R285	1-216-049-11	RES-CHIP	1K	5%	1/10W
R227	1-216-049-11	RES-CHIP	1K	5%	1/10W	R286	1-216-073-91	RES-CHIP	10K	5%	1/10W
R228	1-216-073-91	RES-CHIP	10K	5%	1/10W	R287	1-216-073-91	RES-CHIP	10K	5%	1/10W
R230	1-216-097-11	RES-CHIP	100K	5%	1/10W	R288	1-216-089-91	RES-CHIP	47K	5%	1/10W
R231	1-216-049-11	RES-CHIP	1K	5%	1/10W	R289	1-216-089-91	RES-CHIP	47K	5%	1/10W
R232	1-216-073-91	RES-CHIP	10K	5%	1/10W	R292	1-216-073-91	RES-CHIP	10K	5%	1/10W
R233	1-216-073-91	RES-CHIP	10K	5%	1/10W	R293	1-216-073-91	RES-CHIP	10K	5%	1/10W
R234	1-216-073-91	RES-CHIP	10K	5%	1/10W	R294	1-216-073-91	RES-CHIP	10K	5%	1/10W
R235	1-216-049-11	RES-CHIP	1K	5%	1/10W	R295	1-216-073-91	RES-CHIP	10K	5%	1/10W
R236	1-216-073-91	RES-CHIP	10K	5%	1/10W	R296	1-216-097-11	RES-CHIP	100K	5%	1/10W
R237	1-216-049-11	RES-CHIP	1K	5%	1/10W	R297	1-216-073-91	RES-CHIP	10K	5%	1/10W
R238	1-216-073-91	RES-CHIP	10K	5%	1/10W	R298	1-216-073-91	RES-CHIP	10K	5%	1/10W
R239	1-216-049-11	RES-CHIP	1K	5%	1/10W	R299	1-216-049-11	RES-CHIP	1K	5%	1/10W
R240	1-216-061-91	RES-CHIP	3.3K	5%	1/10W	R300	1-216-073-91	RES-CHIP	10K	5%	1/10W
R241	1-216-049-11	RES-CHIP	1K	5%	1/10W	R301	1-216-073-91	RES-CHIP	10K	5%	1/10W
R242	1-216-061-91	RES-CHIP	3.3K	5%	1/10W	R302	1-216-864-11	METAL CHIP	0	5%	1/10W
R243	1-216-049-11	RES-CHIP	1K	5%	1/10W	R303	1-216-864-11	METAL CHIP	0	5%	1/10W
R244	1-216-049-11	RES-CHIP	1K	5%	1/10W	R304	1-216-864-11	METAL CHIP	0	5%	1/10W
R245	1-216-049-11	RES-CHIP	1K	5%	1/10W	R305	1-216-864-11	METAL CHIP	0	5%	1/10W
R246	1-216-049-11	RES-CHIP	1K	5%	1/10W	R306	1-216-864-11	METAL CHIP	0	5%	1/10W
R247	1-216-073-91	RES-CHIP	10K	5%	1/10W	R307	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
R248	1-216-025-11	RES-CHIP	100	5%	1/10W	R308	1-216-033-00	METAL CHIP	220	5%	1/10W
R249	1-216-073-91	RES-CHIP	10K	5%	1/10W	R309	1-216-033-00	METAL CHIP	220	5%	1/10W
R250	1-216-025-11	RES-CHIP	100	5%	1/10W	R310	1-216-033-00	METAL CHIP	220	5%	1/10W
R251	1-216-025-11	RES-CHIP	100	5%	1/10W	R311	1-216-033-00	METAL CHIP	220	5%	1/10W
R252	1-216-073-91	RES-CHIP	10K	5%	1/10W	R312	1-216-033-00	METAL CHIP	220	5%	1/10W
R253	1-216-025-11	RES-CHIP	100	5%	1/10W	R313	1-216-033-00	METAL CHIP	220	5%	1/10W
R254	1-216-025-11	RES-CHIP	100	5%	1/10W	R314	1-216-033-00	METAL CHIP	220	5%	1/10W
R255	1-216-089-91	RES-CHIP	47K	5%	1/10W	R315	1-216-033-00	METAL CHIP	220	5%	1/10W
R256	1-216-025-11	RES-CHIP	100	5%	1/10W	R316	1-216-033-00	METAL CHIP	220	5%	1/10W
R257	1-216-057-00	METAL CHIP	2.2K	5%	1/10W	R317	1-216-033-00	METAL CHIP	220	5%	1/10W

# STR-LV700R

<b>DIGITAL</b>	<b>DISPLAY</b>	<b>FILTER</b>
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Ref. No.	Part No.	Description	Remark
R318	1-216-033-00	METAL CHIP	220 5% 1/10W
R319	1-216-033-00	METAL CHIP	220 5% 1/10W
R320	1-216-033-00	METAL CHIP	220 5% 1/10W
< VIBRATOR >			
X101	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)	
X102	1-795-297-21	VIBRATOR, CERAMIC (13.5MHz)	
X103	1-781-356-21	VIBRATOR, CERAMIC (16MHz)	
*****			
A-4733-964-A	DISPLAY BOARD, COMPLETE *****		
< CAPACITOR >			
C801	1-119-943-91	ELECT	47uF 20% 50V
C802	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C803	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V
C804	1-126-795-11	ELECT	10uF 20% 50V
C805	1-126-795-11	ELECT	10uF 20% 50V
C806	1-131-685-31	FILM	0.027uF 5% 50V
C807	1-126-795-11	ELECT	10uF 20% 50V
C808	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C809	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C810	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C811	1-126-795-11	ELECT	10uF 20% 50V
C812	1-163-117-00	CERAMIC CHIP	100PF 5% 50V
C813	1-163-117-00	CERAMIC CHIP	100PF 5% 50V
C814	1-163-117-00	CERAMIC CHIP	100PF 5% 50V
C815	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C816	1-126-795-11	ELECT	10uF 20% 50V
C817	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C818	1-163-117-00	CERAMIC CHIP	100PF 5% 50V
C819	1-163-109-00	CERAMIC CHIP	47PF 5% 50V
C820	1-163-109-00	CERAMIC CHIP	47PF 5% 50V
< CONNECTOR >			
CN801	1-784-774-11	CONNECTOR, FFC 13P	
CN803	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P	
< DIODE >			
D801	8-719-988-61	DIODE 1SS355TE-17	

Ref. No.	Part No.	Description	Remark
D802	8-719-988-61	DIODE 1SS355TE-17	
D803	8-719-069-56	DIODE UDZSTE-176.2B	
D804	8-719-988-61	DIODE 1SS355TE-17	
D805	8-719-988-61	DIODE 1SS355TE-17	
< FLUORESCENT INDICATOR TUBE >			
FL801	1-518-903-11	INDICATOR TUBE, FLUORESCENT	
< IC >			
IC801	8-749-019-10	IC GP1UD28SXX	
IC802	8-759-643-83	IC uPD16315GB-3BS	
IC803	8-759-157-94	IC TC74ACT08F(EL)	
< COIL >			
L801	1-412-963-11	INDUCTOR	100uH
L802	1-410-478-11	INDUCTOR	47uH
< TRANSISTOR >			
Q801	8-729-822-05	TRANSISTOR 2SD1622ST-TD-E	
Q802	8-729-822-05	TRANSISTOR 2SD1622ST-TD-E	
< RESISTOR >			
R801	1-216-055-00	METAL CHIP	1.8K 5% 1/10W
R802	1-216-073-91	RES-CHIP	10K 5% 1/10W
R803	1-216-041-00	METAL CHIP	470 5% 1/10W
R804	1-216-041-00	METAL CHIP	470 5% 1/10W
R805	1-216-049-11	RES-CHIP	1K 5% 1/10W
R806	1-216-057-00	METAL CHIP	2.2K 5% 1/10W
R807	1-216-057-00	METAL CHIP	2.2K 5% 1/10W
R808	1-216-065-91	RES-CHIP	4.7K 5% 1/10W
R809	1-216-025-11	RES-CHIP	100 5% 1/10W
R813	1-216-095-00	METAL CHIP	82K 5% 1/10W
R814	1-216-097-11	RES-CHIP	100K 5% 1/10W
R815	1-216-001-00	METAL CHIP	10 5% 1/10W
△R816	1-249-399-11	CARBON	33 5% 1/4W F
< ROTARY ENCODER >			
RV801	1-418-773-21	ENCODER, ROTARY (VOLUME)	
< SWITCH >			
S802	1-762-196-21	SWITCH, TACT (INPUT SELECT)	
S803	1-771-349-21	SWITCH, KEYBOARD (SOUND FIELD)	
S804	1-771-349-21	SWITCH, KEYBOARD (MUTING)	
S805	1-771-349-21	SWITCH, KEYBOARD (RESET TUNING +)	
S806	1-771-349-21	SWITCH, KEYBOARD (RESET TUNING -)	
< TRANSFORMER >			
T801	1-439-998-11	TRANSFORMER, DC-DC CONVERTER	
*****			
A-4749-753-A	FILTER BOARD, COMPLETE *****		
< CAPACITOR >			
C2	1-164-159-11	CERAMIC	0.1uF 50V
C3	1-127-876-11	CERAMIC	0.01uF 10% 50V
C4	1-127-876-11	CERAMIC	0.01uF 10% 50V

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

FILTER

H.P

POWER

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C5	1-127-876-11	CERAMIC	0.01uF 10%	50V	C914	1-164-156-11	CERAMIC CHIP 0.1uF 25V
C6	1-164-159-11	CERAMIC	0.1uF	50V	C915	1-115-416-11	CERAMIC CHIP 0.001uF 5% 25V
		< CONNECTOR >			△C916	1-104-332-11	CERAMIC 470PF 10% 2KV
CN1	1-784-776-11	CONNECTOR, FFC 15P			△C917	1-117-699-11	CERAMIC 0.001uF 250V
CN2	1-784-776-11	CONNECTOR, FFC 15P			C918	1-165-319-11	CERAMIC CHIP 0.1uF 50V
		< EARTH TERMINAL >			△C920	1-117-454-11	FILM 4700PF 5% 630V
* EP1	1-537-738-21	TERMINAL, EARTH			C921	1-100-357-11	ELECT 6800uF 20% 35V
		< COIL >			C922	1-126-960-11	ELECT 1uF 20% 50V
L1	1-410-521-11	INDUCTOR	100uH		C924	1-126-953-11	ELECT 2200uF 20% 35V
L2	1-410-521-11	INDUCTOR	100uH		C926	1-162-927-11	CERAMIC CHIP 100PF 5% 50V
L3	1-410-521-11	INDUCTOR	100uH		C928	1-115-416-11	CERAMIC CHIP 0.001uF 5% 25V
L4	1-410-521-11	INDUCTOR	100uH		C930	1-164-156-11	CERAMIC CHIP 0.1uF 25V
L5	1-410-521-11	INDUCTOR	100uH		C931	1-104-665-11	ELECT 100uF 20% 10V
L6	1-410-521-11	INDUCTOR	100uH		C932	1-104-665-11	ELECT 100uF 20% 10V
*****					C933	1-165-319-11	CERAMIC CHIP 0.1uF 50V
A-4733-956-A		H.P BOARD, COMPLETE			C934	1-124-579-51	ELECT 1000uF 20% 16V
		*****			C935	1-124-579-51	ELECT 1000uF 20% 16V
		< CAPACITOR >			C938	1-115-416-11	CERAMIC CHIP 0.001uF 5% 25V
C415	1-165-319-11	CERAMIC CHIP	0.1uF 50V		C940	1-165-319-11	CERAMIC CHIP 0.1uF 50V
C416	1-164-161-11	CERAMIC CHIP	0.0022uF 10% 100V			< CONNECTOR >	
C417	1-164-161-11	CERAMIC CHIP	0.0022uF 10% 100V		CN799	1-564-505-11	PLUG, CONNECTOR 2P
		< FERRITE BEAD >			CN901	1-564-321-00	PIN, CONNECTOR(3.96MM PITCH)2P
FB401	1-469-152-11	FERRITE	0uH		CN902	1-564-320-00	PIN, CONNECTOR(3.96MM PITCH)2P
FB402	1-469-152-11	FERRITE	0uH		CN903	1-784-922-11	PIN, CONNECTOR 5P
		< JACK >			CN904	1-784-926-11	PIN, CONNECTOR 11P
J401	1-764-106-21	JACK (PHONES)			* CN905	1-564-104-00	PIN, CONNECTOR(3.96MM PITCH)3P
		< SWITCH >			CN906	1-779-978-11	PIN, CONNECTOR 3P
S801	1-762-196-21	SWITCH, TACT (I/O)				< DIODE >	
*****					D902	8-719-085-37	DIODE 11EQS10-TB5
A-4750-193-A		POWER BOARD, COMPLETE			△D903	8-719-084-58	DIODE RBV-406
		*****			D905	8-719-978-33	DIODE DTZ-TT11-6.8B
7-685-646-79		SCREW +BVTP 3X8 TYPE2 IT-3			D906	8-719-085-37	DIODE 11EQS10-TB5
7-685-647-79		SCREW +BVTP 3X10 TYPE2 IT-3			D907	8-719-085-37	DIODE 11EQS10-TB5
		< CAPACITOR >			△D908	6-500-241-01	DIODE SARS03
C901	1-126-963-11	ELECT	4.7uF 20%	50V	D910	8-719-085-37	DIODE 11EQS10-TB5
△C902	1-104-705-11	MYLAR	0.1uF 20%	250V	D911	8-719-313-14	DIODE FML-22S
△C903	1-104-705-11	MYLAR	0.1uF 20%	250V	D914	8-719-085-36	DIODE 11EQS04-TB5
C905	1-162-968-11	CERAMIC CHIP	0.0047uF 10%	50V	D916	8-719-083-89	DIODE 11ES2N-TB5
△C906	1-117-699-11	CERAMIC	0.001uF	250V	D917	8-719-083-89	DIODE 11ES2N-TB5
△C907	1-117-699-11	CERAMIC	0.001uF	250V	D918	8-719-085-36	DIODE 11EQS04-TB5
C908	1-164-816-11	CERAMIC CHIP	220PF 2%	50V	△D919	6-500-522-21	DIODE 10EDB40-TB3
△C909	1-117-699-11	CERAMIC	0.001uF	250V	△D920	6-500-522-21	DIODE 10EDB40-TB3
△C910	1-117-699-11	CERAMIC	0.001uF	250V	D931	8-719-083-67	DIODE UDZSTE-1720B
C911	1-126-967-11	ELECT	47uF 20%	50V	D932	8-719-083-85	DIODE UDZS-TE17-22B
△C912	1-165-626-11	ELECT	390uF 20%	400V	D933	8-719-085-37	DIODE 11EQS10-TB5
△C913	1-117-452-11	FILM	3300PF 5%	630V		< EARTH TERMINAL >	
					* EP901	1-537-738-21	TERMINAL, EARTH
						< FUSE HOLDER >	
					FH901	1-533-399-31	FUSE HOLDER
					FH902	1-533-399-31	FUSE HOLDER

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

# STR-LV700R

## POWER

## REG

## SUB POWER

Ref. No.	Part No.	Description	Remark
< IC >			
△ IC901	6-703-098-01	IC STR-F6267D	
IC902	6-700-388-01	IC SE-B2	
IC903	6-703-241-01	IC SI-8090JF	
IC904	8-759-510-71	IC BA10358F-E2	
IC907	6-700-812-01	IC SI-8050JF	
IC908	8-759-445-59	IC BA033T	
< COIL >			
L901	1-424-860-11	INDUCTOR 10uH	
L902	1-414-398-11	INDUCTOR 10uH	
L903	1-414-398-11	INDUCTOR 10uH	
L904	1-414-398-11	INDUCTOR 10uH	
L905	1-414-398-11	INDUCTOR 10uH	
L906	1-419-253-11	INDUCTOR 100uH	
L907	1-414-398-11	INDUCTOR 10uH	
L908	1-414-398-11	INDUCTOR 10uH	
L909	1-419-253-11	INDUCTOR 100uH	
L910	1-414-398-11	INDUCTOR 10uH	
L911	1-414-398-11	INDUCTOR 10uH	
L912	1-414-398-11	INDUCTOR 10uH	
< LINE FILTER >			
△ LF901	1-424-930-11	COIL, LINE FILTER	
△ LF902	1-424-930-11	COIL, LINE FILTER	
< PHOTO COUPLER >			
PC901	8-749-019-04	IC TLP421	
△ PC902	8-749-019-04	IC TLP421	
< TRANSISTOR >			
Q902	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
Q905	8-729-142-51	TRANSISTOR 2SD1616A-TP-LK	
Q906	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q908	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q913	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
Q915	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
< RESISTOR >			
R901	1-216-033-00	METAL CHIP 220 5%	1/10W
R903	1-245-392-51	METAL OXIDE 0.15 5%	1W
R904	1-216-341-11	METAL OXIDE 0.22 5%	1W
R905	1-216-063-91	RES-CHIP 3.9K 5%	1/10W
R906	1-216-833-11	METAL CHIP 10K 5%	1/10W
R907	1-216-065-91	RES-CHIP 4.7K 5%	1/10W
△ R908	1-215-902-61	METAL OXIDE 47K 5%	2W
△ R909	1-215-901-61	METAL OXIDE 33K 5%	2W
R910	1-216-450-00	METAL OXIDE 82 5%	2W
△ R911	1-215-901-61	METAL OXIDE 33K 5%	2W
R912	1-216-053-00	METAL CHIP 1.5K 5%	1/10W
△ R913	1-249-387-11	CARBON 3.3 5%	1/4W F
R914	1-216-826-11	METAL CHIP 2.7K 5%	1/10W
R915	1-216-826-11	METAL CHIP 2.7K 5%	1/10W
R917	1-216-059-00	METAL CHIP 2.7K 5%	1/10W
R918	1-216-821-11	METAL CHIP 1K 5%	1/10W
R919	1-216-675-91	METAL CHIP 10K 0.5%	1/10W

Ref. No.	Part No.	Description	Remark
R920	1-216-669-11	METAL CHIP 5.6K 0.5%	1/10W
R921	1-216-820-11	METAL CHIP 820 5%	1/10W
R922	1-216-809-11	METAL CHIP 100 5%	1/10W
R924	1-216-821-11	METAL CHIP 1K 5%	1/10W
R925	1-216-821-11	METAL CHIP 1K 5%	1/10W
R926	1-216-833-11	METAL CHIP 10K 5%	1/10W
R927	1-216-845-11	METAL CHIP 100K 5%	1/10W
R928	1-216-835-11	METAL CHIP 15K 5%	1/10W
△ R930	1-219-237-11	SOLID 3.3M 20%	1/2W
R931	1-216-813-11	METAL CHIP 220 5%	1/10W
R932	1-216-826-11	METAL CHIP 2.7K 5%	1/10W
R933	1-216-820-11	METAL CHIP 820 5%	1/10W
R934	1-215-901-61	METAL OXIDE 33K 5%	2W
R936	1-216-821-11	METAL CHIP 1K 5%	1/10W
R938	1-216-847-11	METAL CHIP 150K 5%	1/10W
< TRANSFORMER >			
△ T901	1-437-866-11	TRANSFORMER, POWER	
< THERMISTOR >			
△ TH901	1-803-916-11	THERMISTOR, NTC	
*****			
	1-860-430-11	REG BOARD	
*****			
< CAPACITOR >			
C927	1-136-165-00	FILM 0.1uF 5%	50V
C929	1-104-665-11	ELECT 100uF 20%	10V
< IC >			
IC906	8-759-445-59	IC BA033T	
*****			
A-4747-009-A	SUB POWER BOARD, COMPLETE		
*****			
< CAPACITOR >			
C1001	1-101-006-00	CERAMIC 0.047uF	50V
C1002	1-126-969-11	ELECT 220uF 20%	50V
C1003	1-126-767-11	ELECT 1000uF 20%	16V
< CONNECTOR >			
CN1001	1-564-505-11	PLUG, CONNECTOR 2P	
* CN1002	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P	
DIODE >			
D1001	8-719-085-36	DIODE 11EQS04-TB5	
< IC >			
IC1001	6-700-812-01	IC SI-8050JF	
< COIL >			
L1001	1-419-253-11	INDUCTOR 100uH	
L1002	1-419-253-11	INDUCTOR 100uH	
L1003	1-419-253-11	INDUCTOR 100uH	

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

**SUB POWER**      **VIDEO**

Ref. No.	Part No.	Description	Remark
< RESISTOR >			
R1002	1-249-544-31	CARBON      470      5%	1/4W
R1003	1-249-536-31	CARBON      220      5%	1/4W
*****			
A-4747-003-A VIDEO BOARD, COMPLETE *****			
< CAPACITOR >			
C703	1-126-916-11	ELECT      1000uF    20%	6.3V
C704	1-126-960-11	ELECT      1uF      20%	50V
C705	1-126-960-11	ELECT      1uF      20%	50V
C706	1-126-960-11	ELECT      1uF      20%	50V
C707	1-163-105-00	CERAMIC CHIP    33PF    5%	50V
C708	1-163-021-91	CERAMIC CHIP    0.01uF    10%	50V
C709	1-126-933-11	ELECT      100uF    20%	16V
C710	1-126-933-11	ELECT      100uF    20%	16V
C711	1-163-105-00	CERAMIC CHIP    33PF    5%	50V
C771	1-126-960-11	ELECT      1uF      20%	50V
C772	1-126-960-11	ELECT      1uF      20%	50V
C773	1-163-021-91	CERAMIC CHIP    0.01uF    10%	50V
C774	1-126-933-11	ELECT      100uF    20%	16V
< CONNECTOR >			
CN701	1-784-766-11	CONNECTOR, FFC 5P	
* CN771	1-564-517-11	PLUG, CONNECTOR 2P	
< DIODE >			
D806	8-719-988-61	DIODE 1SS355TE-17	
D807	8-719-988-61	DIODE 1SS355TE-17	
< IC >			
IC701	8-759-474-37	IC NJM2279M-TE2	
IC771	8-759-266-06	IC NJM2243M(TE2)	
< JACK >			
J701	1-785-867-11	JACK, PIN 1P (VIDEO IN)	
J702	1-785-866-11	JACK, PIN 3P (DVD IN, TV/SAT IN, MONITOR OUT)	
< JUMPER RESISTOR >			
JR703	1-216-296-11	SHORT CHIP      0	
JR704	1-216-296-11	SHORT CHIP      0	
< WIRE JUMPER >			
JW701	1-216-296-11	SHORT CHIP      0	
JW702	1-216-296-11	SHORT CHIP      0	
JW705	1-216-296-11	SHORT CHIP      0	
< RESISTOR >			
R701	1-216-022-00	METAL CHIP      75      5%	1/10W
R702	1-216-022-00	METAL CHIP      75      5%	1/10W
R703	1-216-022-00	METAL CHIP      75      5%	1/10W
R705	1-216-065-91	RES-CHIP      4.7K    5%	1/10W
R706	1-216-065-91	RES-CHIP      4.7K    5%	1/10W
R708	1-216-097-11	RES-CHIP      100K    5%	1/10W

Ref. No.	Part No.	Description	Remark
R771	1-216-041-00	METAL CHIP      470      5%	1/10W
R773	1-216-041-00	METAL CHIP      470      5%	1/10W
R774	1-216-022-00	METAL CHIP      75      5%	1/10W
R775	1-216-295-91	SHORT CHIP      0	
*****			
MISCELLANEOUS *****			
△ 6	1-770-019-11	ADAPTOR, CONVERSION PLUG 3P	(UK)
53	1-751-688-11	WIRE (FLAT TYPE) (13 CORE)	
54	1-769-878-11	WIRE (FLAT TYPE) (7 CORE)	
55	1-769-841-11	WIRE (FLAT TYPE) (5 CORE)	
	1-773-141-11	WIRE (FLAT TYPE) (21 CORE)	
△ 59	1-777-071-23	CORD, POWER	
60	A-8068-399-A	VIF-20 (EU) ASSY	
66	1-469-089-11	FILTER, CLAMP (FERRITE CORE)	
68	1-773-004-11	WIRE (FLAT TYPE) (15 CORE)	
69	1-773-004-11	WIRE (FLAT TYPE) (15 CORE)	
△ F1	1-533-469-12	FUSE, GLASS TUBE (DIA. 5) (T2.5AL/250V)	
FAN101	1-763-561-12	FAN, D.C.	
FL801	1-518-903-11	INDICATOR TUBE, FLUORESCENT	
△ T901	1-437-866-11	TRANSFORMER, POWER	
TU901	1-693-578-21	TUNER	
*****			
ACCESSORIES *****			
1-477-531-11	ADAPTOR, LAN (COUPLER)		
1-478-504-11	COMMANDER, STANDARD (RM-U70R)		
1-500-082-11	CLAMP, SLEEVE FERRITE		
1-501-807-12	ANTENNA (FM)		
1-754-149-11	LOOP ANT (AM)		
1-817-598-11	CONNECTOR (SPEAKER)		
1-827-477-11	CORD, CONNECTION (LAN CABLE/CROSS)		(140mm)
1-827-478-11	CORD, CONNECTION (LAN CABLE)		
3-084-601-01	LID, BATTERY CASE (for RM-U70R)		
4-249-847-11	MANUAL, INSTRUCTION (ENGLISH)(AEP, UK)		
4-249-847-21	MANUAL, INSTRUCTION (FRENCH)		(AEP)
4-249-847-31	MANUAL, INSTRUCTION (GERMAN)		(AEP)
4-249-847-41	MANUAL, INSTRUCTION (DUTCH)		(AEP)

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