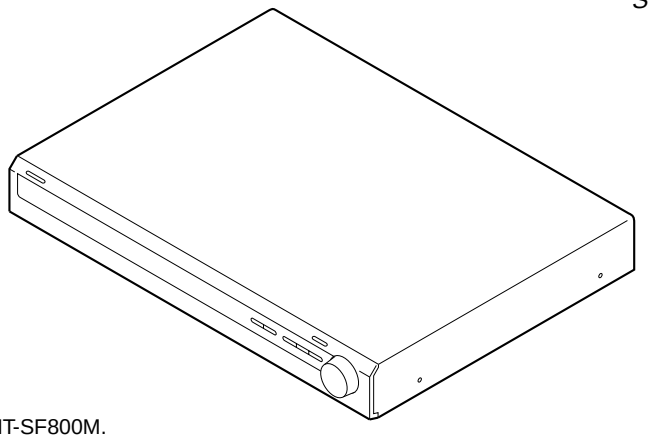
STR-KS600PM/KS600PW

SERVICE MANUAL

Ver. 1.1 2006.03

AEP Model
STR-KS600PM/KS600PW
UK Model
STR-KS600PM



- STR-KS600PM is the receiver section in HT-SF800M.
- STR-KS600PW is the receiver section in HTP-32SS.

This receiver incorporates Dolby* Digital and Pro Logic Surround and the DTS** Digital Surround System.

* Manufactured under license from Dolby Laboratories.
"Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

** "DTS" and "DTS Digital Surround" are registered trademarks of Digital Theater Systems, Inc.

SPECIFICATIONS

Amplifier section

Power Output[1)]
Models of area code CEL, CEK
(4 ohms 1 kHz, THD 0.7%)
FRONT[2)]: 70 W/ch
CENTER[2)]: 70 W
SURR[2)]: 70 W/ch
(4 ohms 100 Hz, THD 0.7%)
SUB WOOFER[2)]: 70 W
(4 ohms 1 kHz, THD 10%)
FRONT[2)]: 100 W/ch
CENTER[2)]: 100 W
SURR[2)]: 100 W/ch
(4 ohms 100 Hz, THD 10%)
SUB WOOFER[2)]: 100 W

1) Measured under the following conditions:

Area code	Power requirements
CEL, CEK	230 V AC, 50 Hz

2) Depending on the sound field settings and the source, there may be no sound output.

Inputs (Analog)

SA-CD/CD, VIDEO 1, 2	Sensitivity: 1 V Impedance: 50 kiloohms

Inputs (Digital)

DVD (Coaxial)	Sensitivity: – Impedance: 75 ohms
VIDEO 2, SA-CD/CD (Optical)	Sensitivity: – Impedance: –

Reproduction frequency range:
28 – 20,000 Hz

Tone

Gain levels	±6 dB, 1 dB step

FM tuner section

Tuning range	87.5 - 108.0 MHz
Antenna	FM wire antenna
Antenna terminals	75 ohms, unbalanced
Intermediate Frequency	10.7 MHz

AM tuner section

Tuning range
Models of area code CEL, CEK
With 9-kHz tuning scale: 531 - 1,602 kHz
Antenna: Loop antenna
Intermediate Frequency: 450 kHz

General

Power requirements

Area code	Power requirements
CEL, CEK	230 V AC, 50/60 Hz

Power consumption

Area code	Power consumption
CEL, CEK	110 W

Power consumption (during standby mode)
0.3 W
Dimensions (w/h/d) (Approx.)
430 × 64 × 337 mm
including projecting parts and controls
Mass (Approx.) 3.3 kg

Design and specifications are subject to change without notice.

– Continued on next page –

FM STEREO/FM-AM RECEIVER

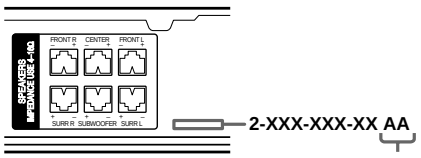
9-879-722-02
2006C05-1

Sony Corporation
Home Audio Division
Published by Sony Techno Create Corporation

SONY

About area codes

The area code of the receiver you purchased is shown on the lower portion of the rear panel (see the illustration below).



Any differences in operation, according to the area code, are clearly indicated in the text, for example, "Models of area code AA only".

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.

TABLE OF CONTENTS

SECTION 1
SERVICING NOTES

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 viscou-s (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 REPLACEMENT OF THE DIGITAL BOARD

New part of EEPROM (IC1131) on the DIGITAL board cannot be used. Therefore, if the mounted DIGITAL board (A-1097-941-A) is replaced, exchange new microcomputer and new EEPROM with that used before the replacement.

SECTION 2
GENERAL

This section is extracted from instruction manual.

LOCATION OF CONTROLS

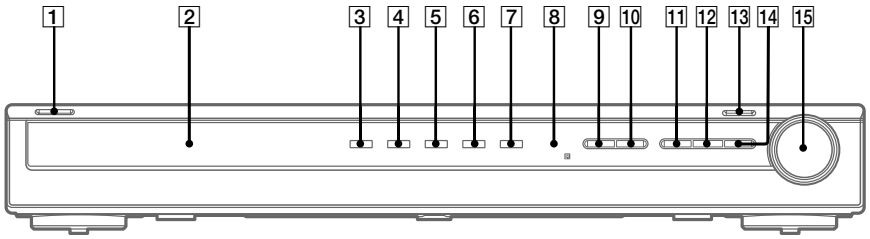
Main unit

ALPHABETICAL ORDER

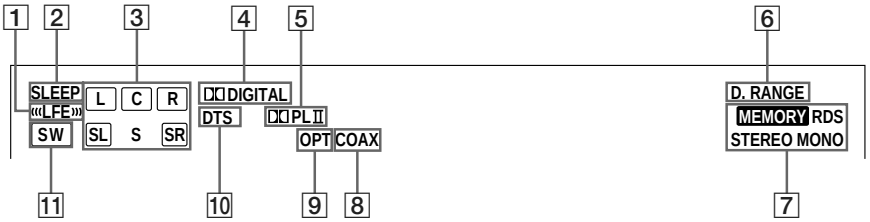
Display 2
DVD (indicator) 5
INPUT SELECTOR 13
IR (receptor) 8
MASTER VOLUME 15
MUTING 14
PRESET TUNING + 10
PRESET TUNING – 9
SA-CD/CD (indicator) 6
SOUND FIELD 12
TUNER (indicator) 7
VIDEO 1 (indicator) 3
VIDEO 2 (indicator) 4

NUMBERS AND SYMBOLS

I/⏻ (power) 1
□□ PLII 11



About the indications in the display



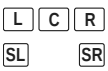
1 **LFE:** Lights up when the disc being played back contains the LFE (Low Frequency Effect) channel and the LFE channel signal is actually being reproduced.

2 **SLEEP:** Lights up when sleep timer is activated.

3 **Playback channel indicators:** The letters (L, C, R, etc.) indicate the channels being played back. The boxes around the letters vary to show how the receiver downmixes the source sound.

L (Front Left), R (Front Right), C (Center (monaural)), SL (Surround Left), SR (Surround Right), S (Surround (monaural or the surround components obtained by Pro Logic processing))

Example:
Recording format (Front /Surround): 3/2
Sound Field: A.F.D. AUTO



4 **□□ DIGITAL:** Lights up when the receiver is decoding signals recorded in the Dolby Digital format.

5 **□□ PLII:** "□□ PL" lights up when the receiver applies Pro Logic processing to 2 channel signals in order to output the center and surround channel signals. "□□ PLII" lights up when the Pro Logic II Movie/Music decoder is activated.

Note
Dolby Pro Logic and Dolby Pro Logic II decoding do not function for DTS format signals.

6 **D.RANGE:** Lights up when dynamic range compression is activated.

7 **Tuner indicators:** Lights up when using the receiver to tune in radio stations, etc.

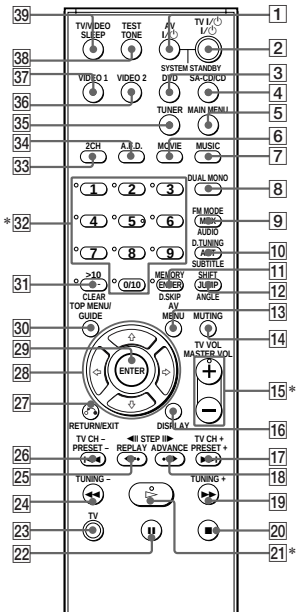
8 **COAX:** Lights up when the source signal is a digital signal being input through the COAX terminal.

9 **OPT:** Lights up when the source signal is a digital signal being input through the OPT terminal.

10 **DTS:** Lights up when DTS signals are input.

11 **SW:** Lights up when the audio signal is output from the SUB WOOFER jack.

Remote button description



* The MASTER VOL +, numeric button 5 and ▷ buttons have a tactile dot. Use the tactile dot as a reference when operating the receiver and other audio/video components.

The tables below show the settings of each button.

Remote Button	Operations	Function
A.F.D. 34	Receiver	Selects the decoding mode for audio sound.
ANGLE 12	DVD player	Selects viewing angle or changes the angles.
ANT 10	VCR/ Satellite tuner	Selects output signal from the antenna terminal: TV signal or VCR program.
AUDIO 9	DVD player/ Satellite tuner	Changes the sound to Multiplex or Bilingual or Multi channel TV sound.
AV MENU 13	VCR/ DVD player/ Satellite tuner	Displays menu.
AV I/⏻ 1	VCR/ CD player/ DVD player/ Satellite tuner/ MD deck	Turns the audio and video components on or off.
CLEAR 31	DVD player/ Satellite tuner	Clears a mistake when you press the incorrect numeric buttons or returns to continuous playback etc.
DISPLAY 16	Receiver/ CD player/ VCR/ DVD player/ Satellite tuner/ MD deck	Selects information displayed on the TV screen.
D.SKIP 11	CD player/ DVD player	Skips discs (multi-disc changer only).
D.TUNING 10	Receiver	Enters direct tuning mode.
DUAL MONO 8	Receiver	Selects the language you want during digital broadcast.
DVD 3	Receiver	To watch DVD.
ENTER 11	TV/VCR/ Satellite tuner	After selecting a channel, disc or track using the numeric buttons, press to enter the value.
ENTER 29	Receiver/ VCR/ DVD player/ Satellite tuner/ CD player/ MD deck	Enters the selection.
FM MODE 9	Receiver	Selects FM monaural or stereo reception.
JUMP 12	Satellite tuner	Toggles between the previous and the current channels.
MAIN MENU 5	Receiver	Selects the menu of the receiver.
MASTER VOL +/– 15	Receiver/TV	Adjusts the master volume of the receiver.
MEMORY 11	Receiver	Stores the radio stations.
MOVIE 6	Receiver	Selects the pre-programmed sound fields for movie.
MPX 9	VCR	Select main or sub language.
MUSIC 7	Receiver	Selects the pre-programmed sound fields for music.
MUTING 14	Receiver	Mutes the sound from the receiver.
PRESET +/– 17 26	Receiver	Selects preset stations.
	TV/VCR/ Satellite tuner	Select preset channel.
RETURN/ EXIT 27	DVD player	Returns to the previous menu or exits the menu.
	Satellite tuner	Exits the menu.
SA-CD/CD 4	Receiver	To listen to Super Audio CD or compact disc.
SHIFT 12	Receiver	Selects a memory page for presetting radio stations or tuning to preset stations.
SLEEP 39	Receiver	Activates the sleep function and the duration which the receiver turns off automatically.
SUBTITLE 10	DVD player	Changes the subtitles.
SYSTEM STANDBY (Press AV I/⏻ 1 and I/⏻ 2 at the same time)	Receiver/ TV/VCR/ CD player/ DVD player/ Satellite tuner/ MD deck	Turns off the receiver and other Sony audio/ video components.
TEST TONE 38	Receiver	Outputs test tone.
TOP MENU/ GUIDE 30	DVD player	Displays DVD title.
	Satellite tuner	Display guide menu.
TUNER 35	Receiver	To listen to radio programs.
TUNING +/– 19 24	Receiver	Scans radio station.
TV 23	TV	To watch TV programs.
TV CH +/– 17 26	TV	Selects preset TV channels.
TV/VIDEO 39	TV	Selects input signal: TV input or video input.
TV VOL +/– 15	TV	Adjusts the volume of the TV.
TV I/⏻ 2	TV	Turns the TV on or off.
VIDEO 1 37	Receiver	To watch VCR. (VTR mode 3)
VIDEO 2 36	Receiver	To watch VCR. (VTR mode 1)
1-9 and 0/10 32	Receiver	Use with SHIFT to preset radio station or tuning to preset stations and with D.TUNING for direct tuning.
	CD player/ DVD player/ MD deck	Selects track numbers. 0/10 selects track 10.
	TV/VCR/ Satellite tuner	Selects channel numbers.
2CH 33	Receiver	Selects 2CH STEREO mode.
>10 31	VCR/ CD player/ DVD player/ Satellite tuner/ MD deck	Selects track numbers over 10.
-/-- 31	TV	Selects the channel entry mode, either one or two digit.
I/⏻ 2	Receiver	Turns the receiver on or off.
◀II STEP II▶ REPLAY ←•/ ADVANCE •→ 25 18	VCR/ DVD player	Replay the previous scene or fast forward the current scene.
I◀◀ / ▶▶I 26 17	VCR/ CD player/ DVD player	Skips tracks.
◀◀/▶▶ 24 19	DVD player	Searches tracks in the forward or backward direction.
	VCR/ CD player/ MD deck/ Tape deck	Fastforwards or rewinds.
▷ 21	VCR/ CD player/ DVD player/ MD deck/ Tape deck	Starts playback.
II 22	VCR/ CD player/ DVD player/ MD deck/ Tape deck	Pauses playback or recording. (Also starts recording with components in recording standby.)
■ 20	VCR/ CD player/ DVD player/ MD deck/ Tape deck	Stops playback.
↶ 27	DVD player	Returns to the previous menu or exits the menu.
↑/↓ 28	Receiver	Selects a menu item.
←/→ 28	Receiver	Adjusts or changes the setting.
↑/↓/←/→ 28	VCR/ Satellite tuner/ DVD player	Selects a menu item.

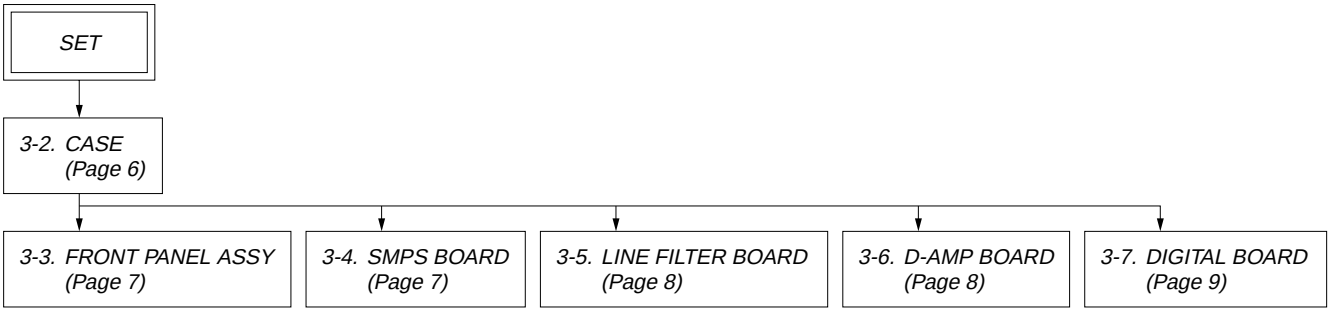
Notes

- Some functions explained in this section may not work depending on the model.
- The above explanation is intended to serve as an example only. Therefore, depending on the component the above operation may not be possible or may operate differently than described.
- When you press input buttons (VIDEO 1, VIDEO 2 or DVD), the input mode of the TV might not switch to the corresponding input mode that you want. In this case, press TV/VIDEO button to switch the input mode of the TV.
- To activate the buttons with orange printing, press TV and the button you want simultaneously.

SECTION 3
DISASSEMBLY

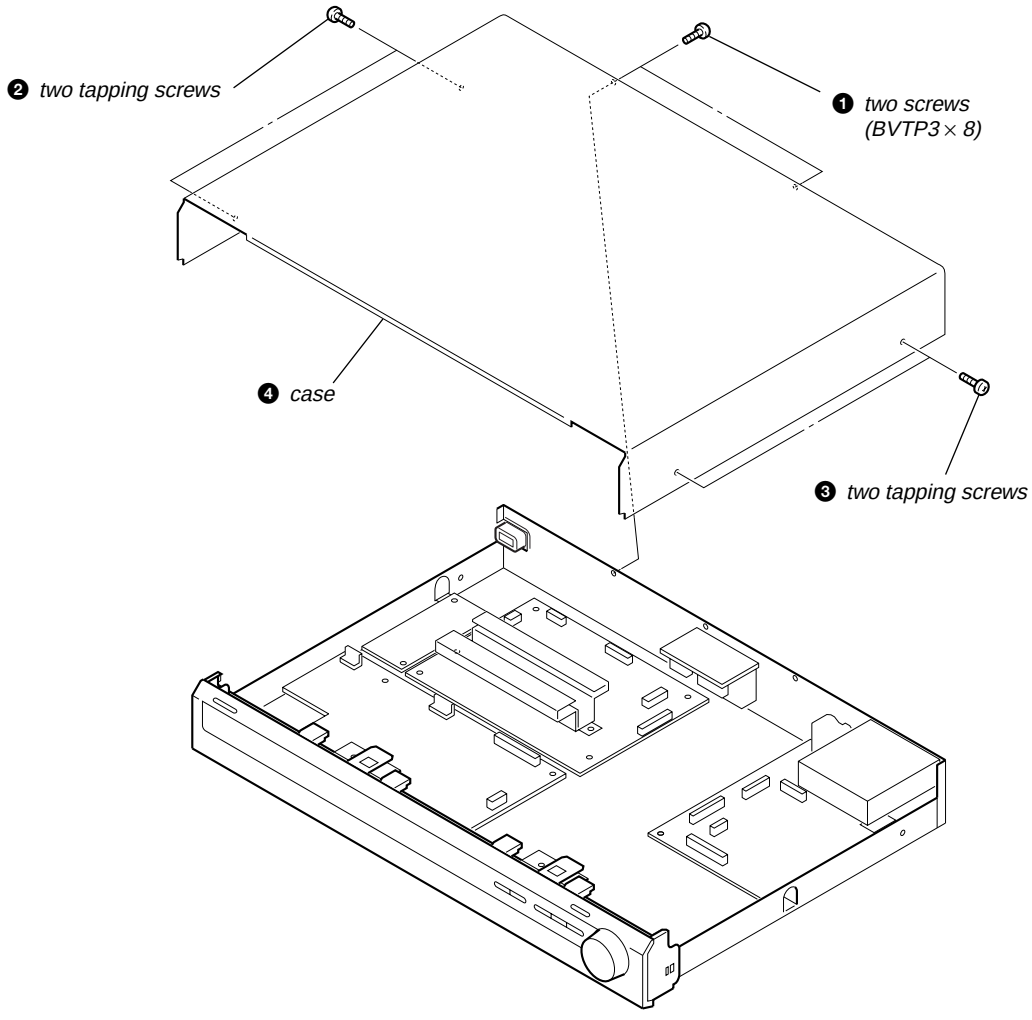
- This set can be disassembled in the order shown below.

3-1. DISASSEMBLY FLOW

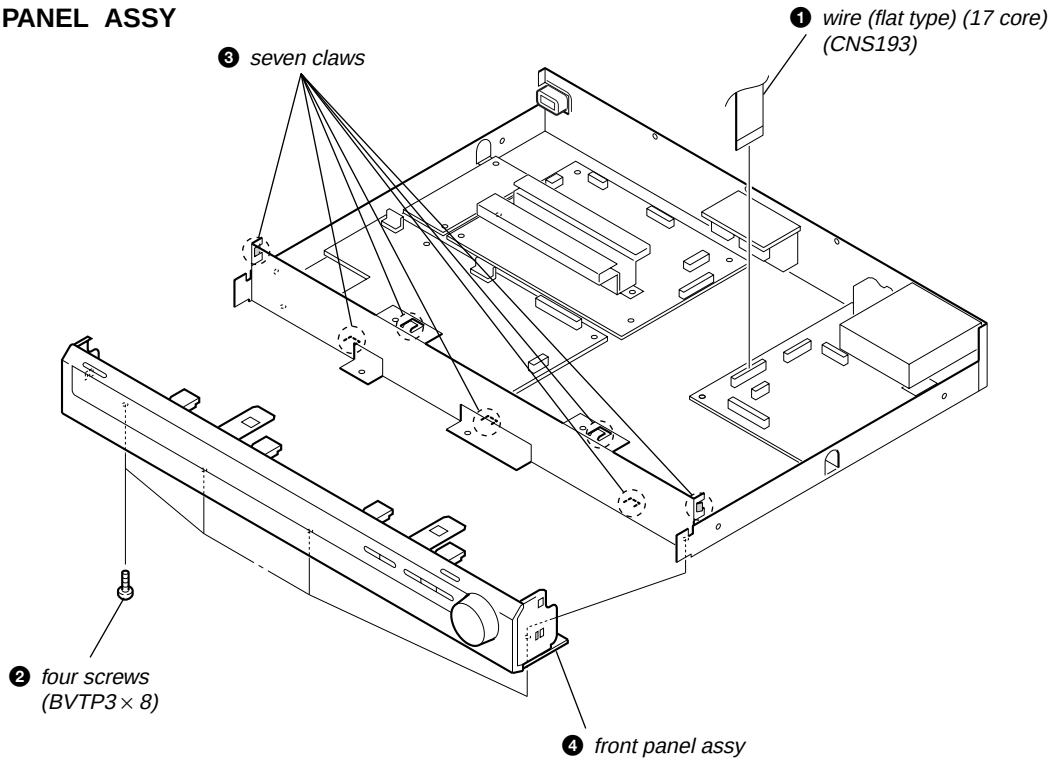


Note: Follow the disassembly procedure in the numerical order given.

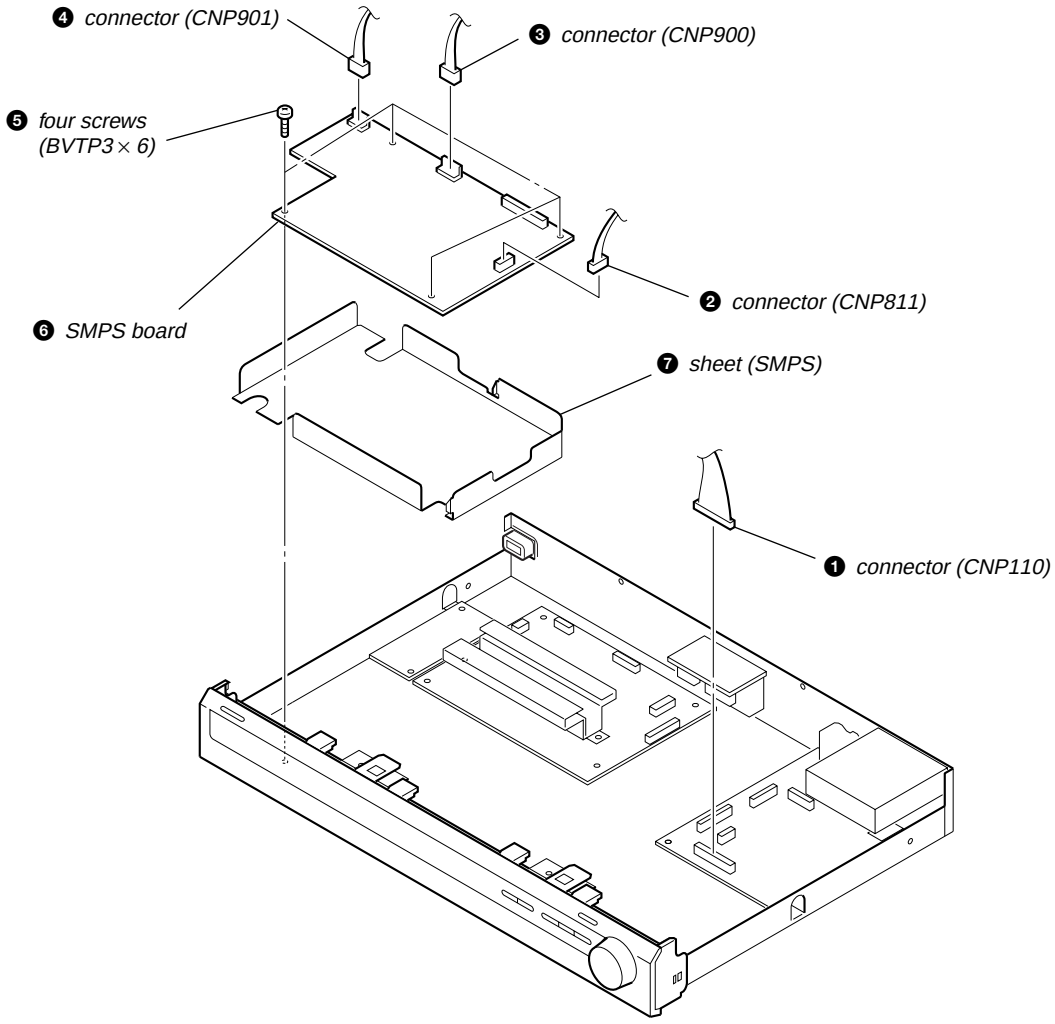
3-2. CASE



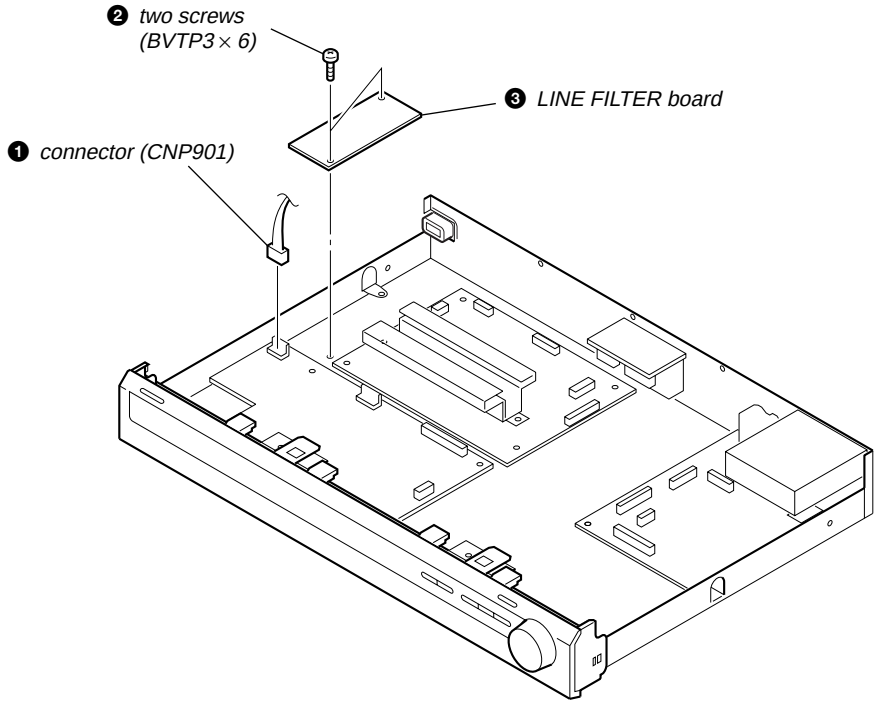
3-3. FRONT PANEL ASSY



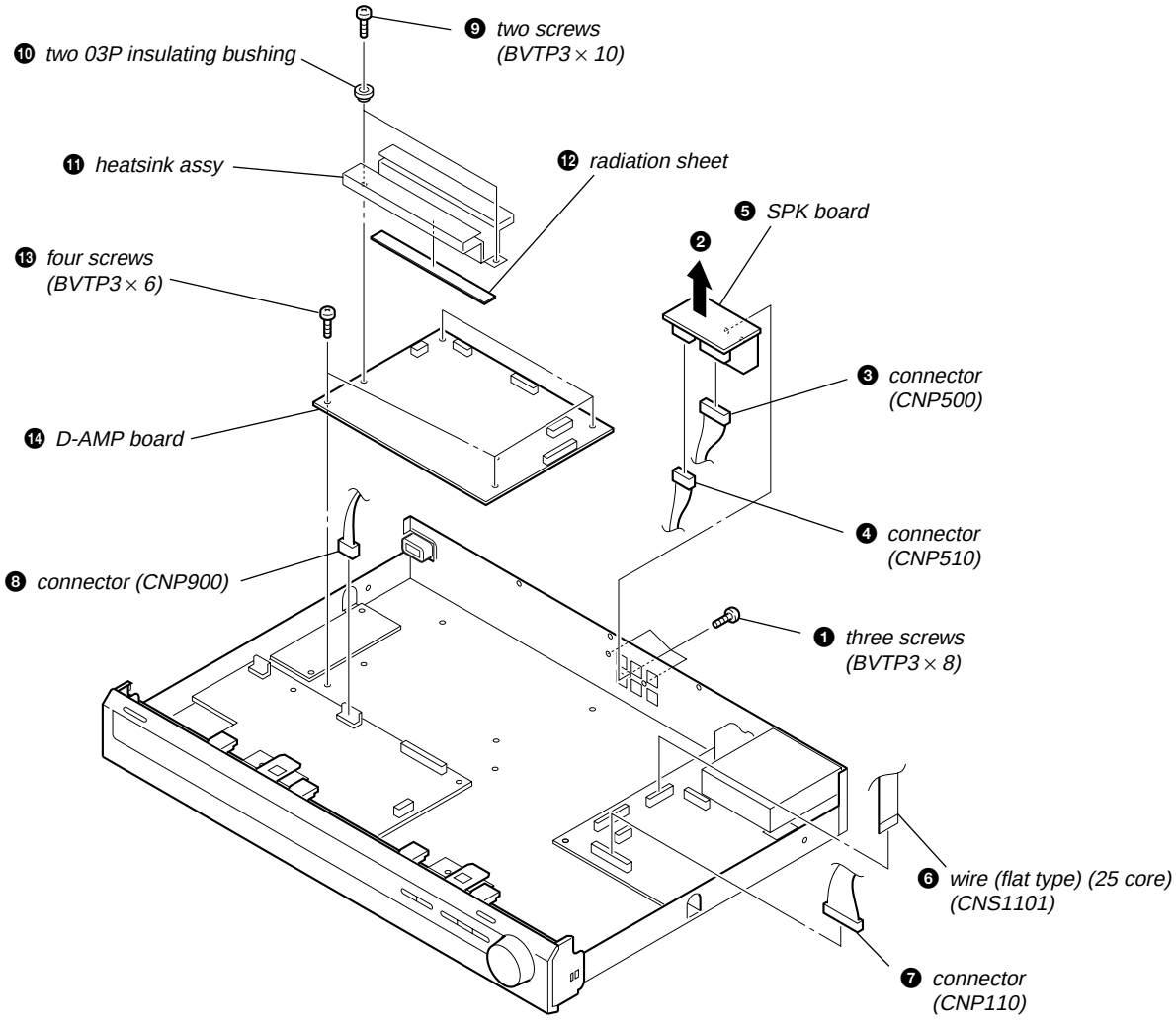
3-4. SMPS BOARD



3-5. LINE FILTER BOARD

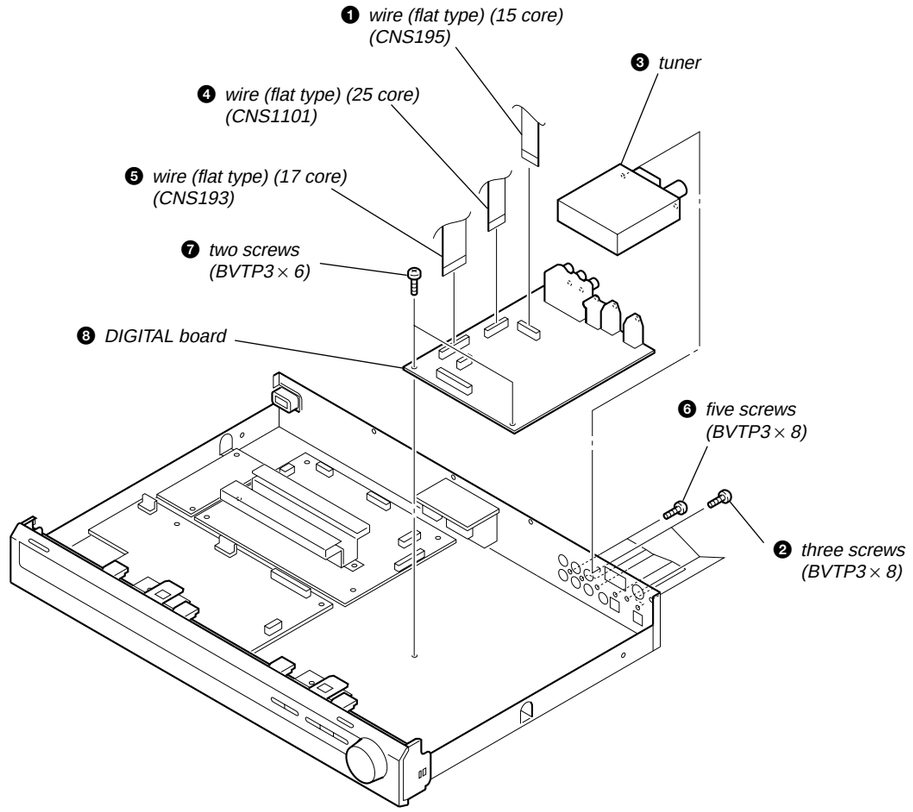


3-6. D-AMP BOARD



SECTION 4
TEST MODE

3-7. DIGITAL BOARD



FACTORY PRESET MODE

All preset contents are reset to the default setting.

Procedure:

1. While pressing the PLII and PRESET TUNING + buttons, press the I/⏻ button to turn on the main power.
2. The message “FACTORY” appears and the present contents are reset to the default values.

ALL CLEAR MODE

All preset contents are cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

Procedure:

1. While pressing the PLII and PRESET TUNING – buttons, press the I/⏻ button to turn on the main power.
2. The message “CLEARING !” appears and the memories are reset to the default values.
3. When done, the message “CLEARED” appears.

FL CHECK MODE

All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.

Procedure:

1. While pressing the MUTING and PRESET TUNING – buttons, press the I/⏻ button to turn on the main power.
2. All segments and all LEDs turn on.
3. Press the INPUT SELECTOR button.
4. Half of segments and VIDEO 1, SA-CD/CD LEDs turn on.
5. Press the INPUT SELECTOR button once again.
6. Others half of segments and VIDEO 2, DVD LEDs turn on.
7. Press the INPUT SELECTOR button once again.
8. All segments and all LEDs turn off.

VERSION MODE

When this mode is used, the model, the destination and the software version number are displayed.

Procedure:

1. While pressing the SOUND FIELD and PRESET TUNING – buttons, press the I/⏻ button to turn on the main power.
2. The model, the destination and the software version number appear.

KEY CHECK MODE

This mode is used to check the key.

Procedure:

1. While pressing the MUTING and INPUT SELECTOR buttons, press the I/⏻ button to turn on the main power.
2. The message “REST 06” appears.
3. Every pressing of any button other than the I/⏻ button counts down the buttons. The buttons which are already counted once are not counted again.
4. When all buttons are pressed, the message “REST 00” appears.

PROTECTOR AUTO OFF MODE

When this mode is used, a protector on state is maintainable.

Procedure:

1. While pressing the MUTING and PLII buttons, press the I/⏻ button to turn on the main power.
2. The message “PROT EVER” appears.

SOUND FIELD CLEAR MODE

The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

Procedure:

1. While pressing the SOUND FIELD button, press the I/⏻ button to turn on the main power.
2. The message “SF. CLR.” appears and initialization is performed.

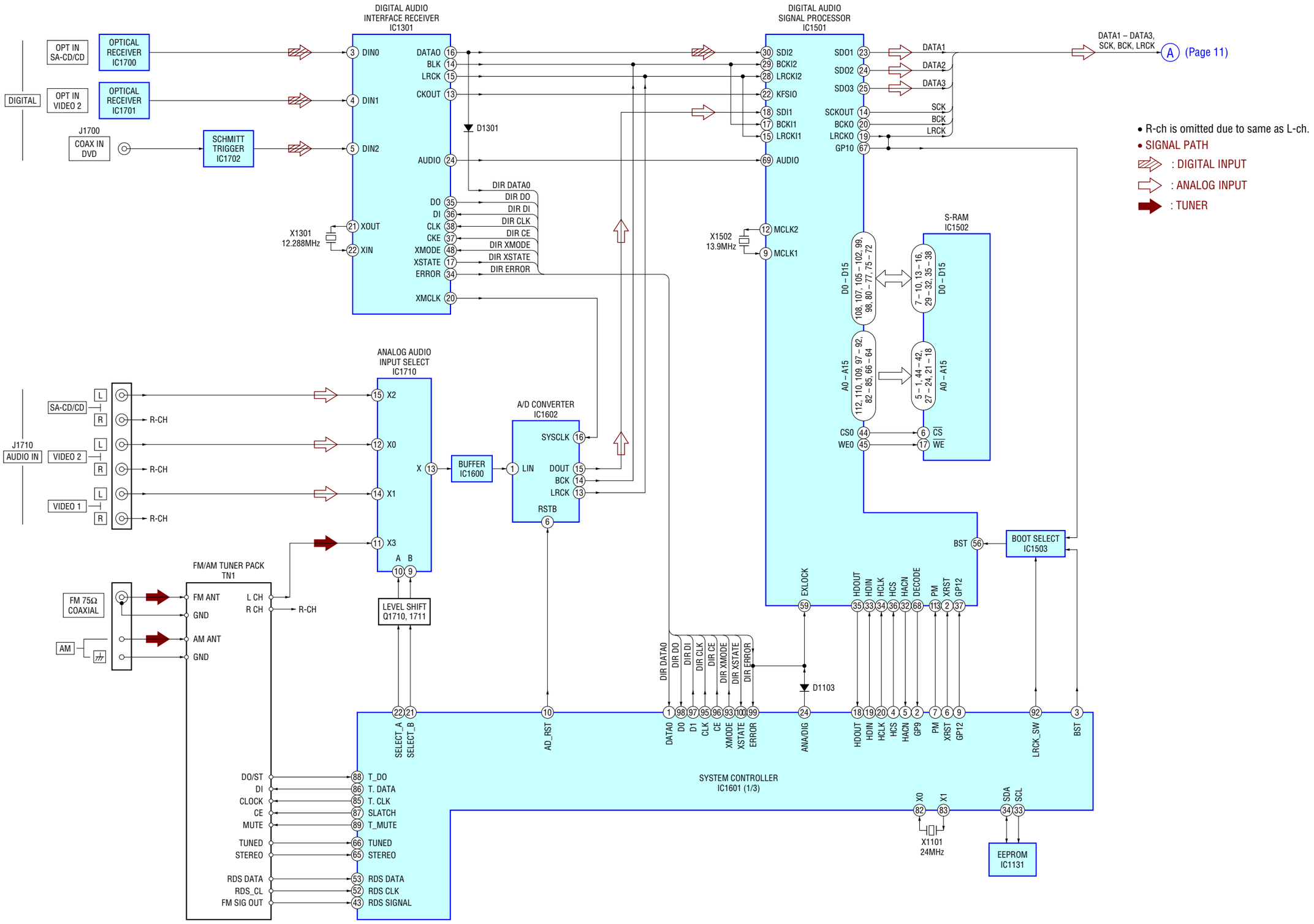
RDS AUTOBETICAL MODE

Procedure:

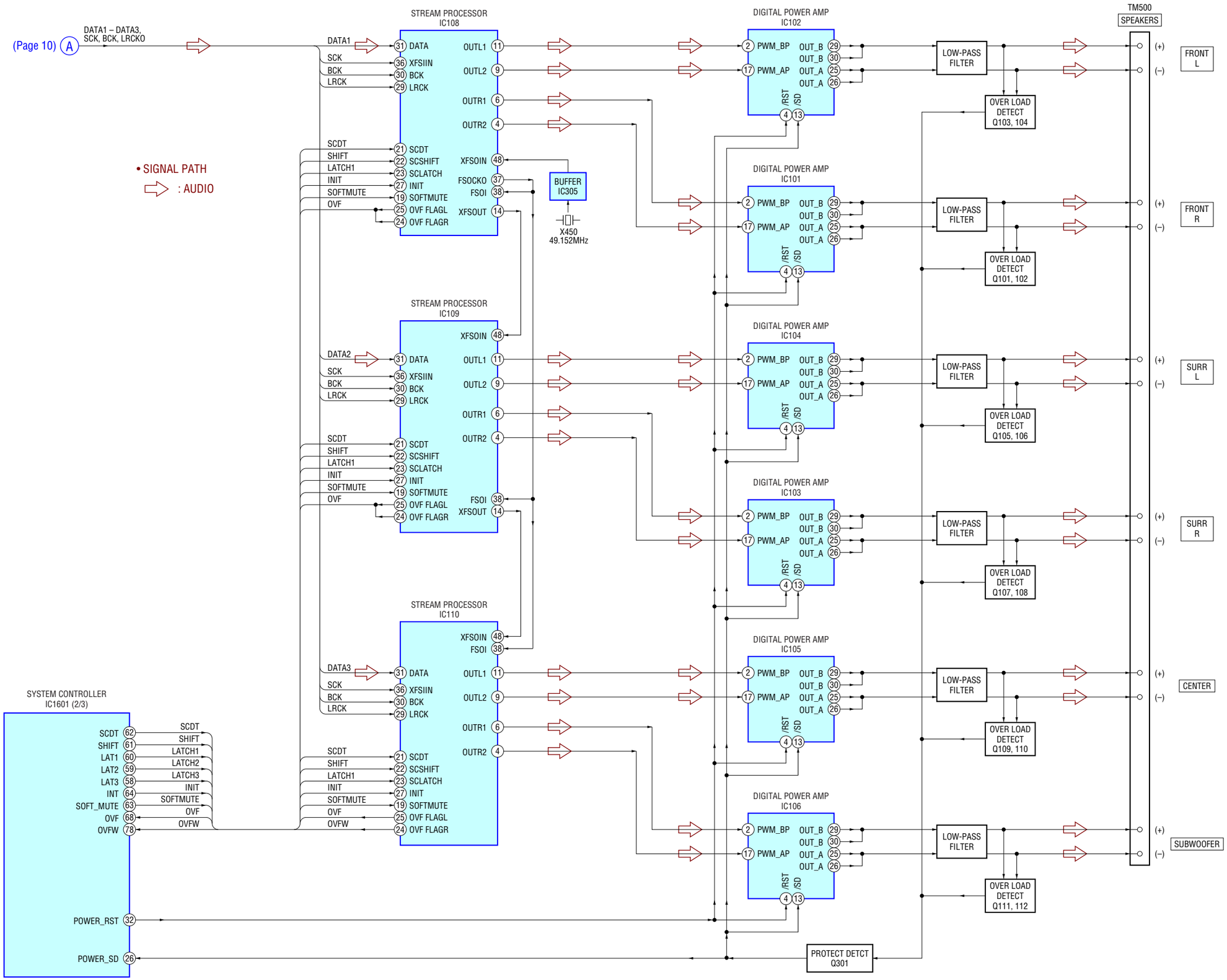
1. While pressing the INPUT SELECTOR button, press the I/⏻ button to turn on the main power.
2. The message “AUTO-BET” appears and scans and stores all the FM and FM RDS stations in the broadcast area.
3. When done, the message “FINISH” appears.

SECTION 5
DIAGRAMS

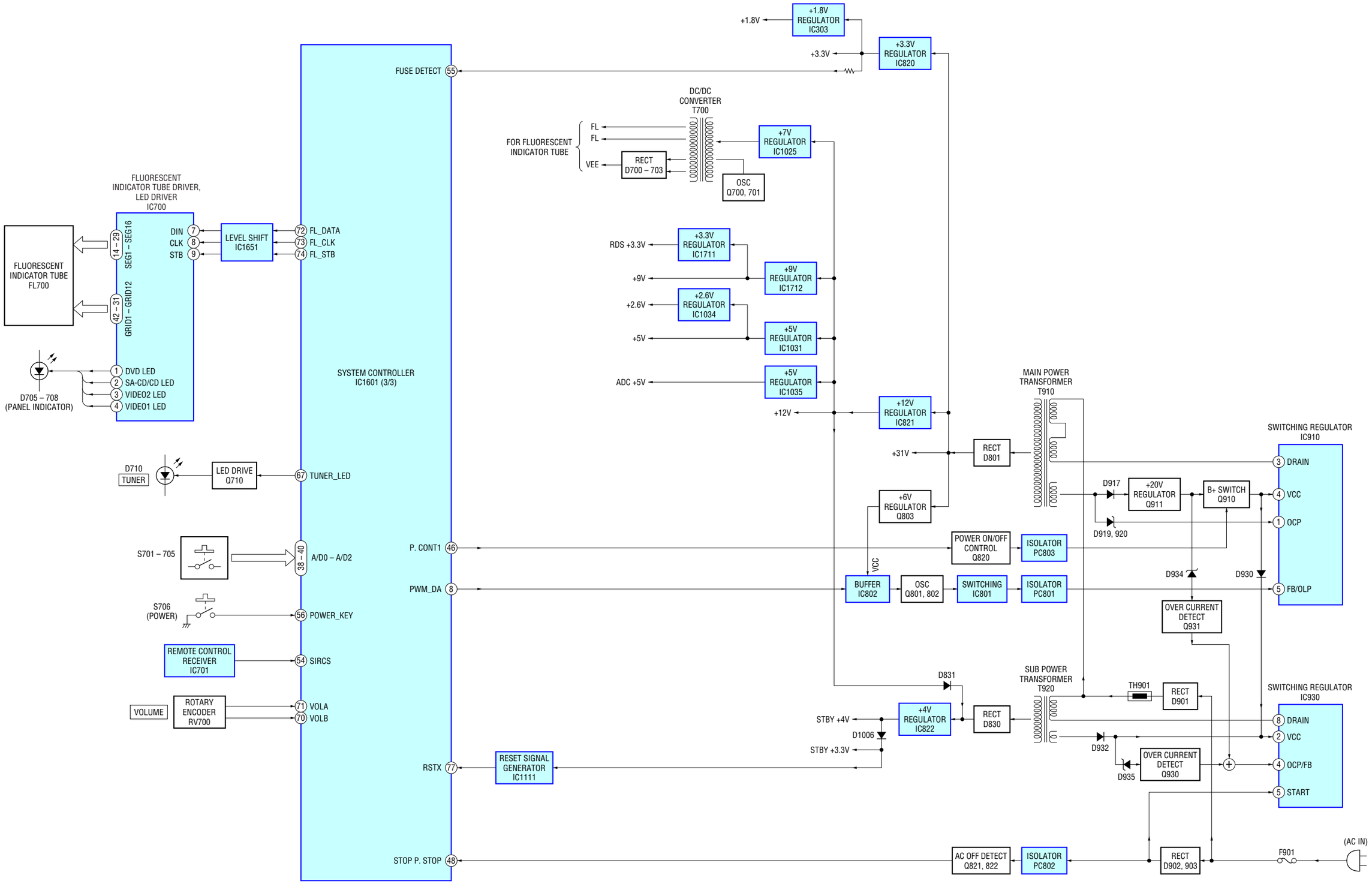
5-1. BLOCK DIAGRAM – DSP Section –



5-2. BLOCK DIAGRAM – AUDIO OUT Section –



5-3. BLOCK DIAGRAM – DISPLAY, POWER SUPPLY Section –



• Note for Printed Wiring Boards and Schematic Diagrams

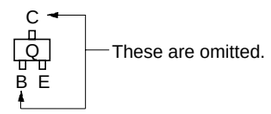
Note on Printed Wiring Board:

- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- ■ : parts mounted on the conductor side.
- △ : internal component.
- ▬ : Pattern from the side which enables seeing.

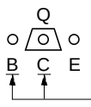
(The other layers' patterns are not indicated.)

- Indication of transistor

Caution:	
Pattern face side: (Conductor Side)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Component Side)	Parts on the parts face side seen from the parts face are indicated.



These are omitted.



These are omitted.

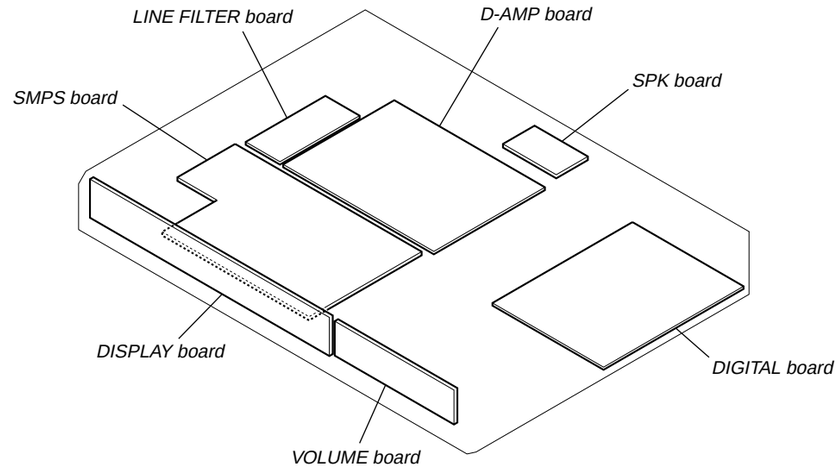
Note on Schematic Diagram:

- All capacitors are in µF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

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

- ▬▬ : B+ Line.
- ▬ ▬ ▬ : B– Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : TUNER
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  : DIGITAL INPUT
  : ANALOG INPUT
  : TUNER

• Circuit Boards Location



5-4. PRINTED WIRING BOARD – DIGITAL Board (Component Side) –

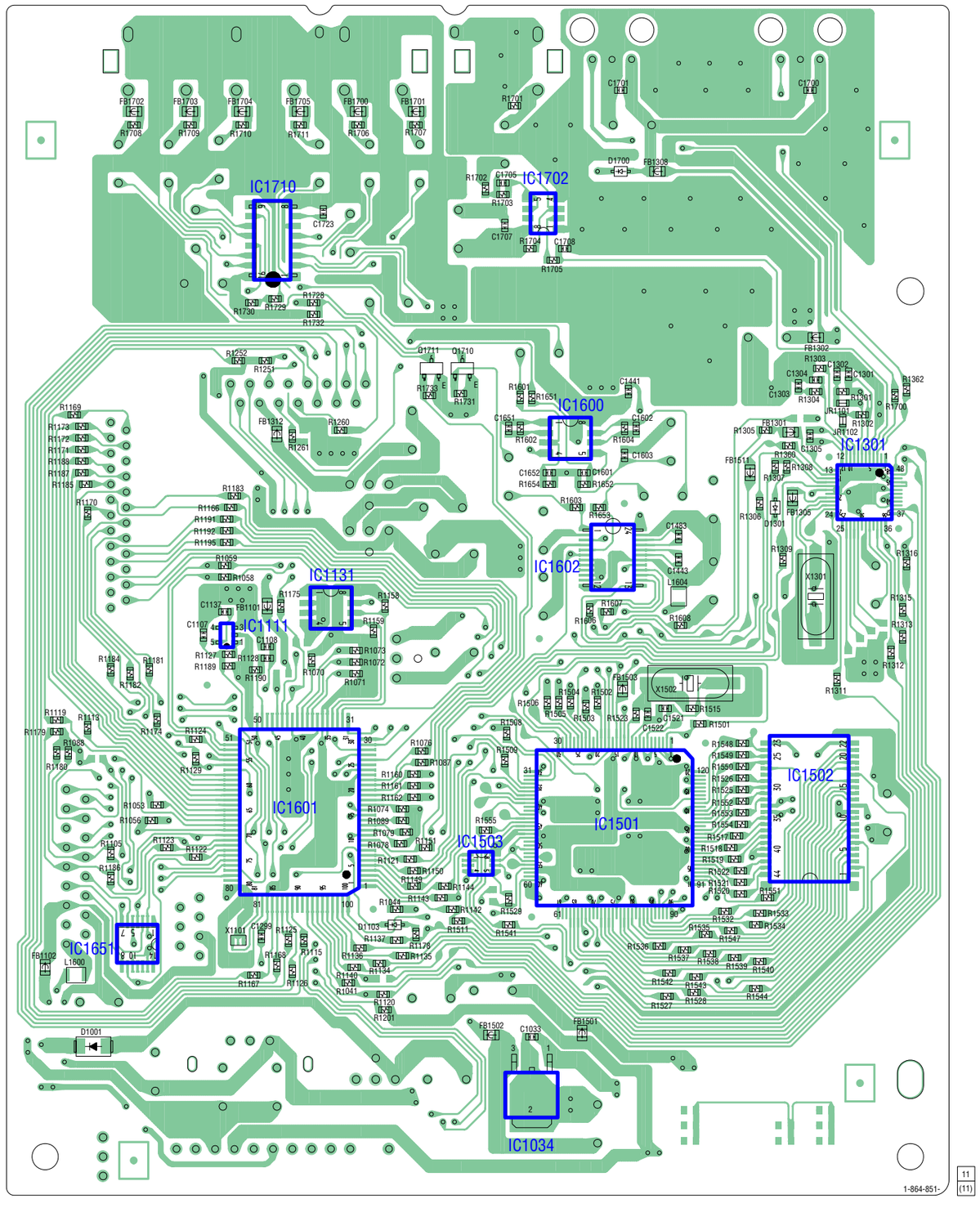
• See page 13 for Circuit Boards Location.

: Uses unleaded solder.

• **Semiconductor Location**

Ref. No.	Location
D1001	G-1
D1103	F-3
D1301	D-5
D1700	B-4
IC1034	G-3
IC1111	D-2
IC1131	D-2
IC1301	D-5
IC1501	E-4
IC1502	E-5
IC1503	F-3
IC1600	C-4
IC1601	G-2
IC1602	D-4
IC1651	F-1
IC1702	B-4
IC1710	B-2
Q1710	C-3
Q1711	C-3

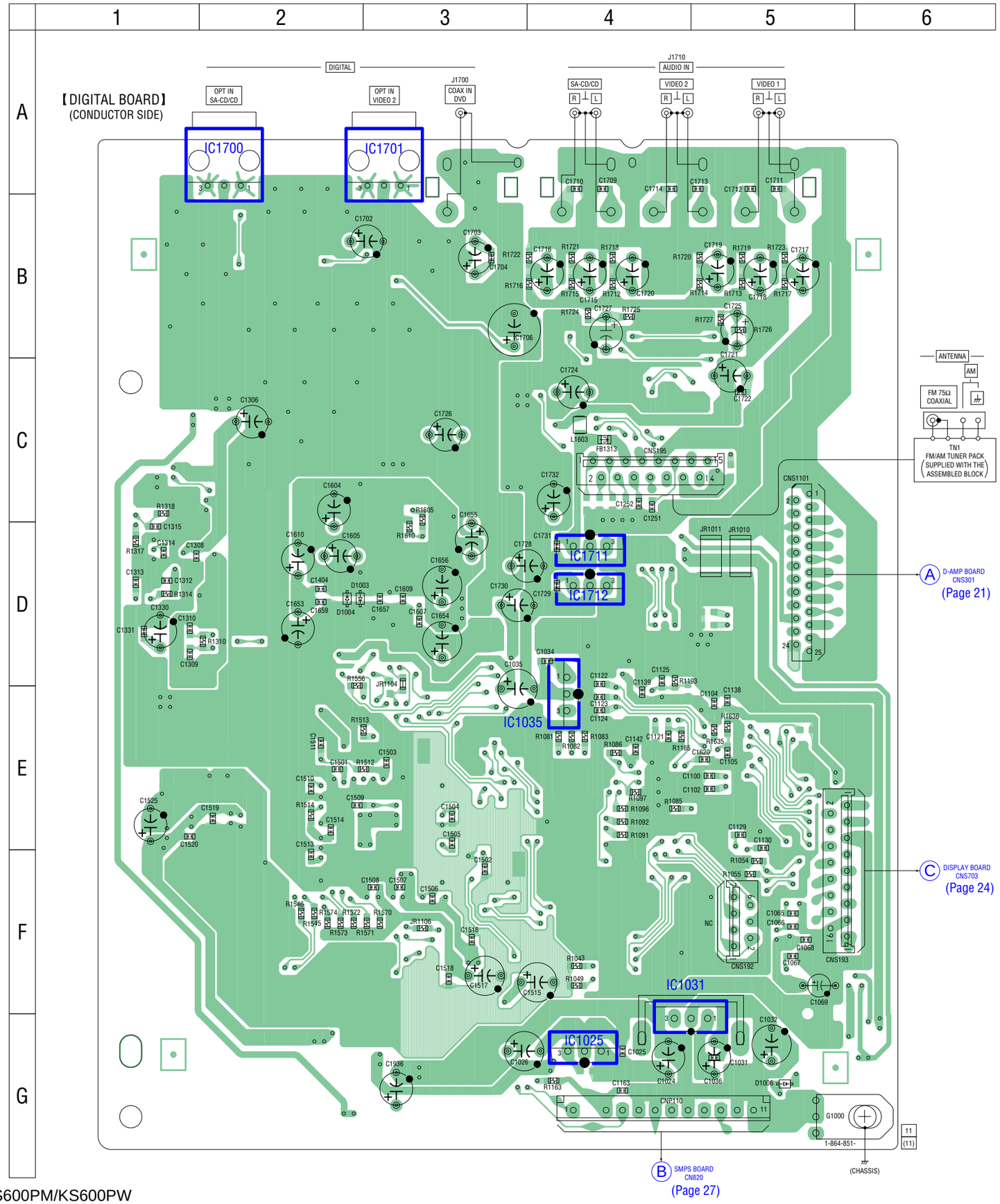
【DIGITAL BOARD】(COMPONENT SIDE)



5-5. PRINTED WIRING BOARD – DIGITAL Board (Conductor Side) –

• See page 13 for Circuit Boards Location.

: Uses unleaded solder.

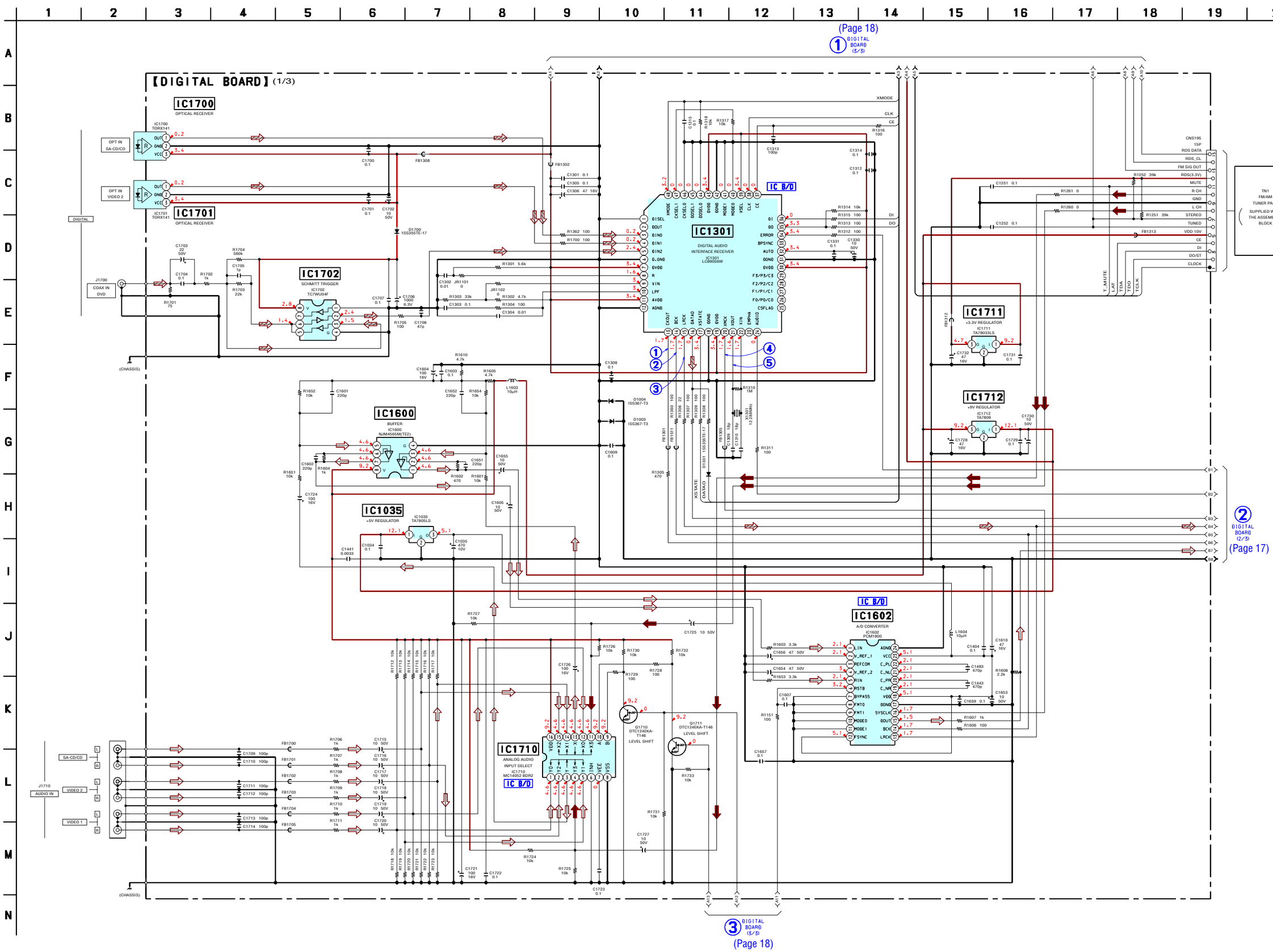


- **Semiconductor Location**

Ref. No.	Location
D1003	D-2
D1004	D-2
D1006	G-5
IC1025	G-4
IC1031	G-4
IC1035	E-4
IC1700	A-2
IC1701	A-3
IC1711	D-4
IC1712	D-4

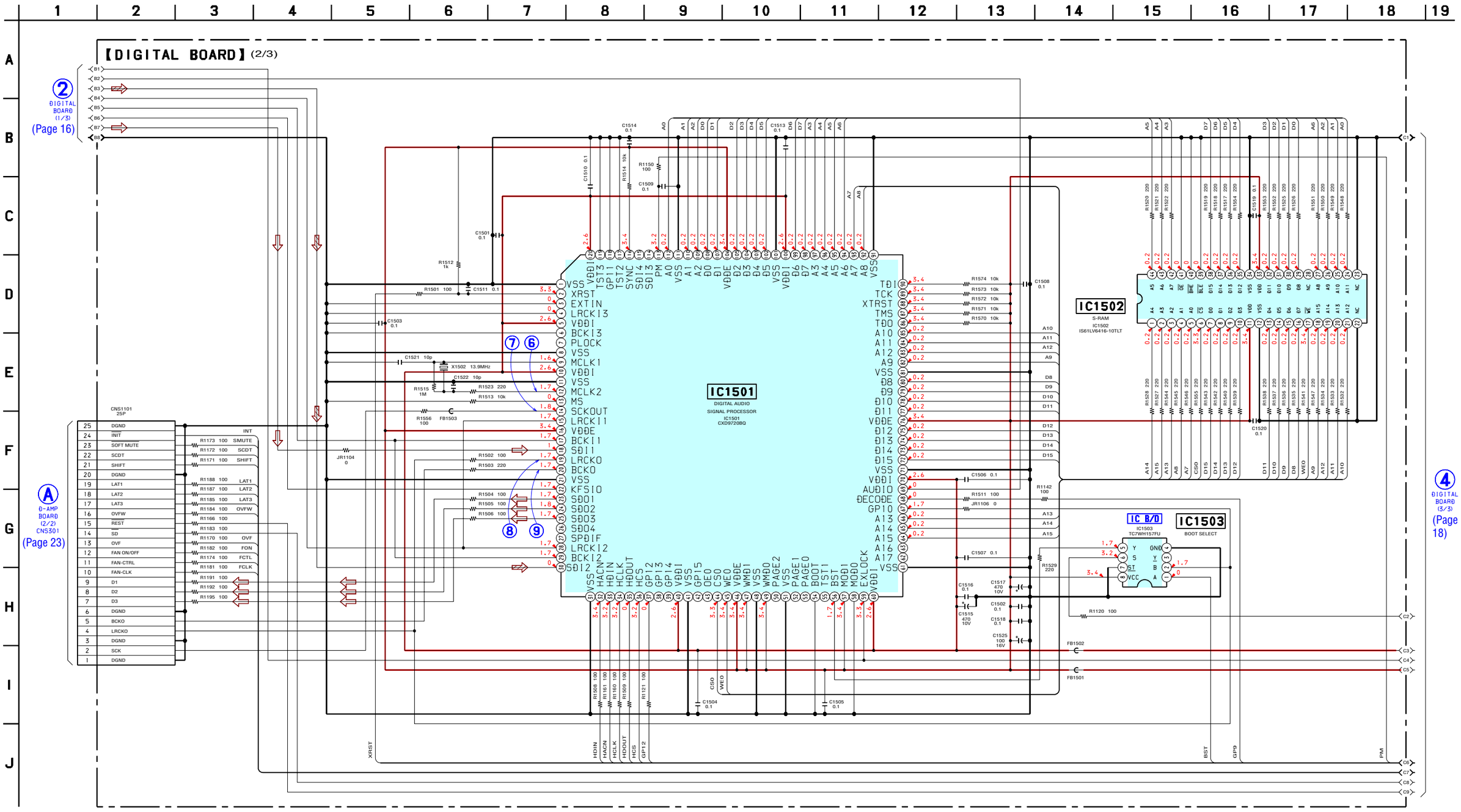
5-6. SCHEMATIC DIAGRAM – DIGITAL Board (1/3) –

• See page 19 for Waveforms. • See page 29 for IC Block Diagrams. • See page 34 for IC Pin Function Description.



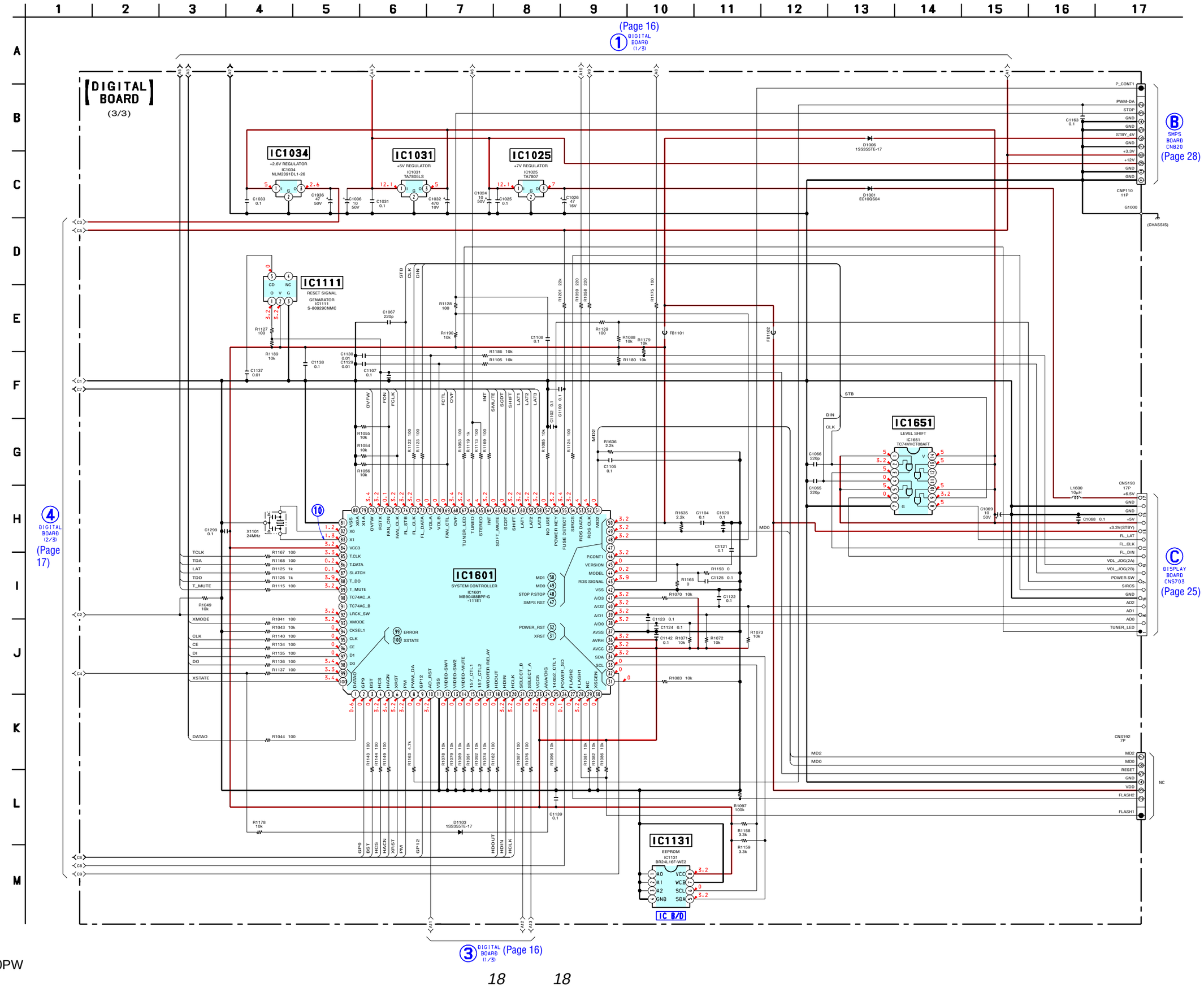
5-7. SCHEMATIC DIAGRAM – DIGITAL Board (2/3) –

• See page 19 for Waveforms. • See page 29 for IC Block Diagrams. • See page 34 for IC Pin Function Description.



5-8. SCHEMATIC DIAGRAM – DIGITAL Board (3/3) –

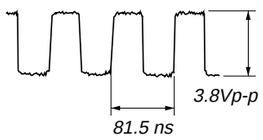
• See page 19 for Waveforms. • See page 29 for IC Block Diagrams. • See page 34 for IC Pin Function Description.



• **Waveforms**

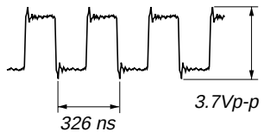
– DIGITAL Board –

① IC1301 ⑬ (CKOUT)



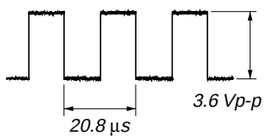
1 V/DIV, 50 ns/DIV

② IC1301 ⑭ (BCK)



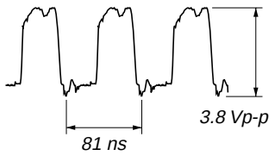
1 V/DIV, 100 ns/DIV

③ IC1301 ⑮ (LRCK)



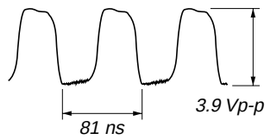
1 V/DIV, 10 µs/DIV

④ IC1301 ⑳ (XMCK)



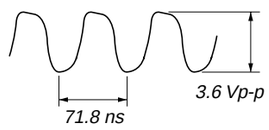
1 V/DIV, 50 ns/DIV

⑤ IC1301 ㉑ (XOUT)



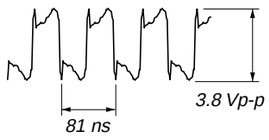
1 V/DIV, 50 ns/DIV

⑥ IC1501 ⑫ (MCLK2)



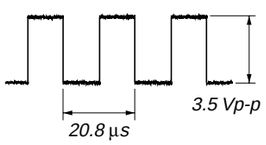
1 V/DIV, 20 ns/DIV

⑦ IC1501 ⑭ (SCKOUT)



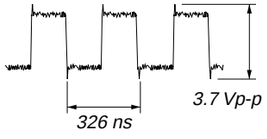
1 V/DIV, 50 ns/DIV

⑧ IC1501 ⑲ (LRCKO)



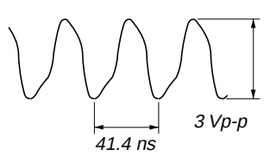
1 V/DIV, 10 µs/DIV

⑨ IC1501 ⑳ (BCKO)



1 V/DIV, 100 ns/DIV

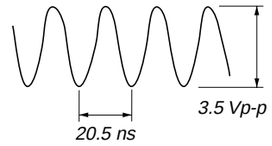
⑩ IC1601 ㉝ (X1)



1 V/DIV, 20 ns/DIV

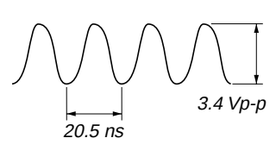
– D-AMP Board –

⑪ IC109 ⑭ (XFSOOUT)



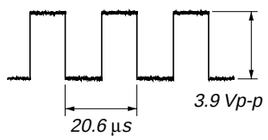
1 V/DIV, 10 ns/DIV

⑫ IC108 ⑭ (XFSOOUT)



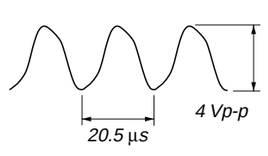
1 V/DIV, 10 ns/DIV

⑬ IC108 ㊲ (FSOCKO)



1 V/DIV, 10 µs/DIV

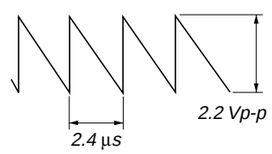
⑭ IC305 ④



2 V/DIV, 10 ns/DIV

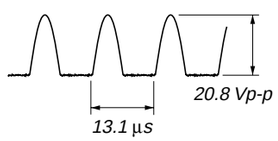
– DISPLAY Board –

㉑ IC700 ⑤ (OSC)



1 V/DIV, 1 µs/DIV

㉒ Q700, 701 (Collector)



5 V/DIV, 5 µs/DIV

5-9. PRINTED WIRING BOARD – D-AMP Board (Component Side) –

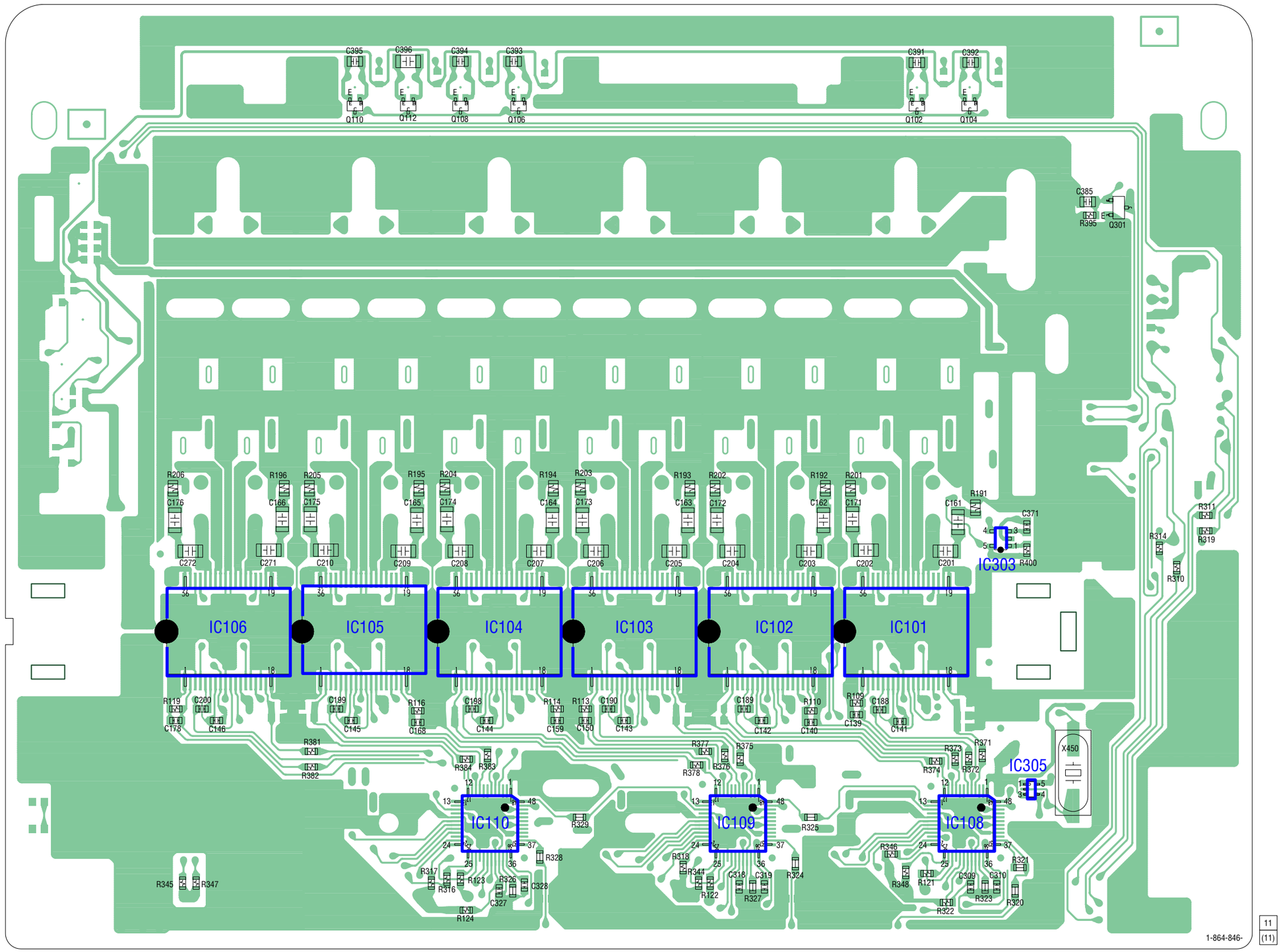
• See page 13 for Circuit Boards Location.

: Uses unleaded solder.

• **Semiconductor Location**

Ref. No.	Location
IC101	D-5
IC102	D-5
IC103	D-4
IC104	D-3
IC105	D-3
IC106	D-2
IC108	E-6
IC109	E-5
IC110	E-3
IC303	D-6
IC305	E-6
Q102	A-6
Q104	A-6
Q106	A-3
Q108	A-3
Q110	A-3
Q112	A-3
Q301	B-7

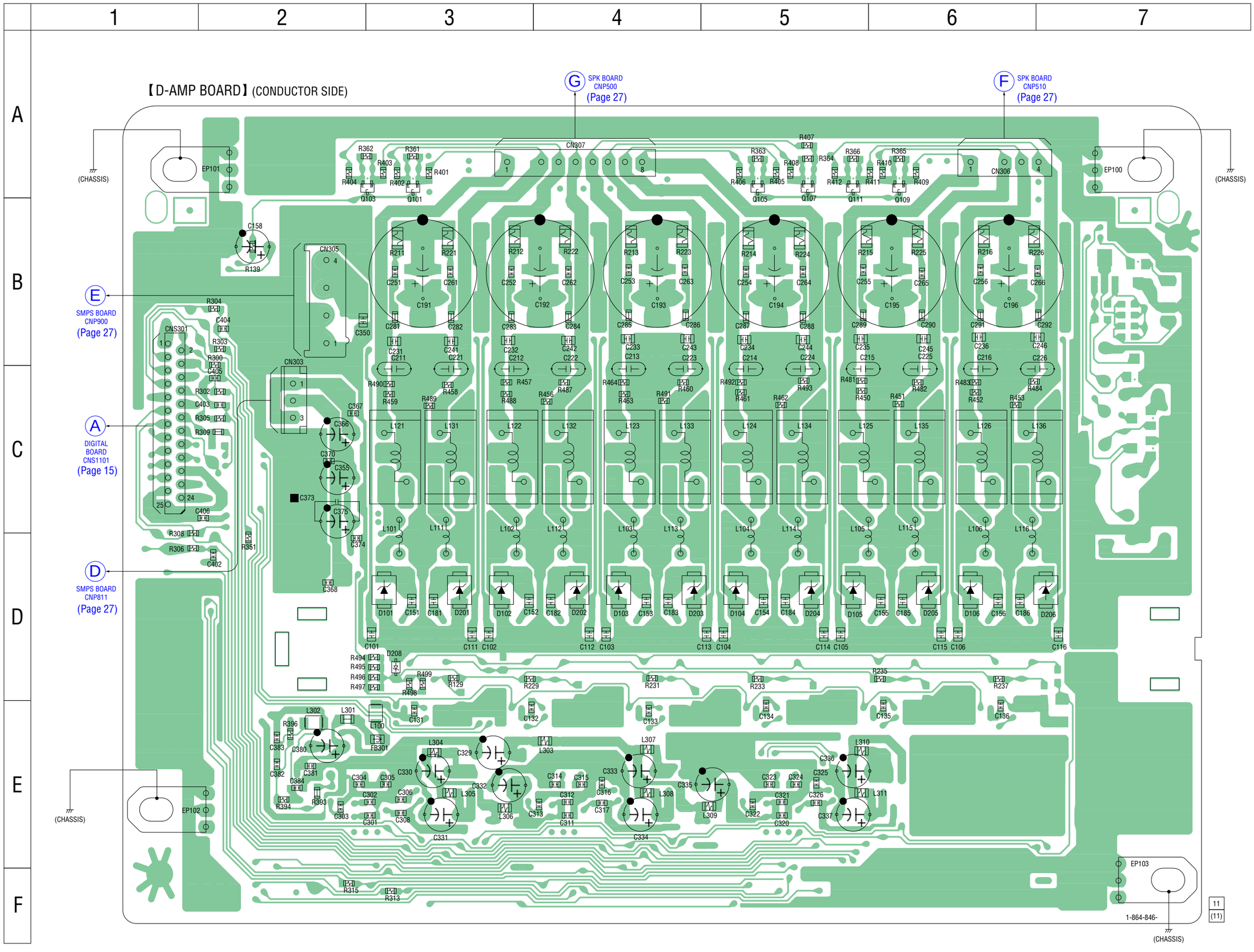
【D-AMP BOARD】(COMPONENT SIDE)



5-10. PRINTED WIRING BOARD – D-AMP Board (Conductor Side) –

• See page 13 for Circuit Boards Location.

: Uses unleaded solder.

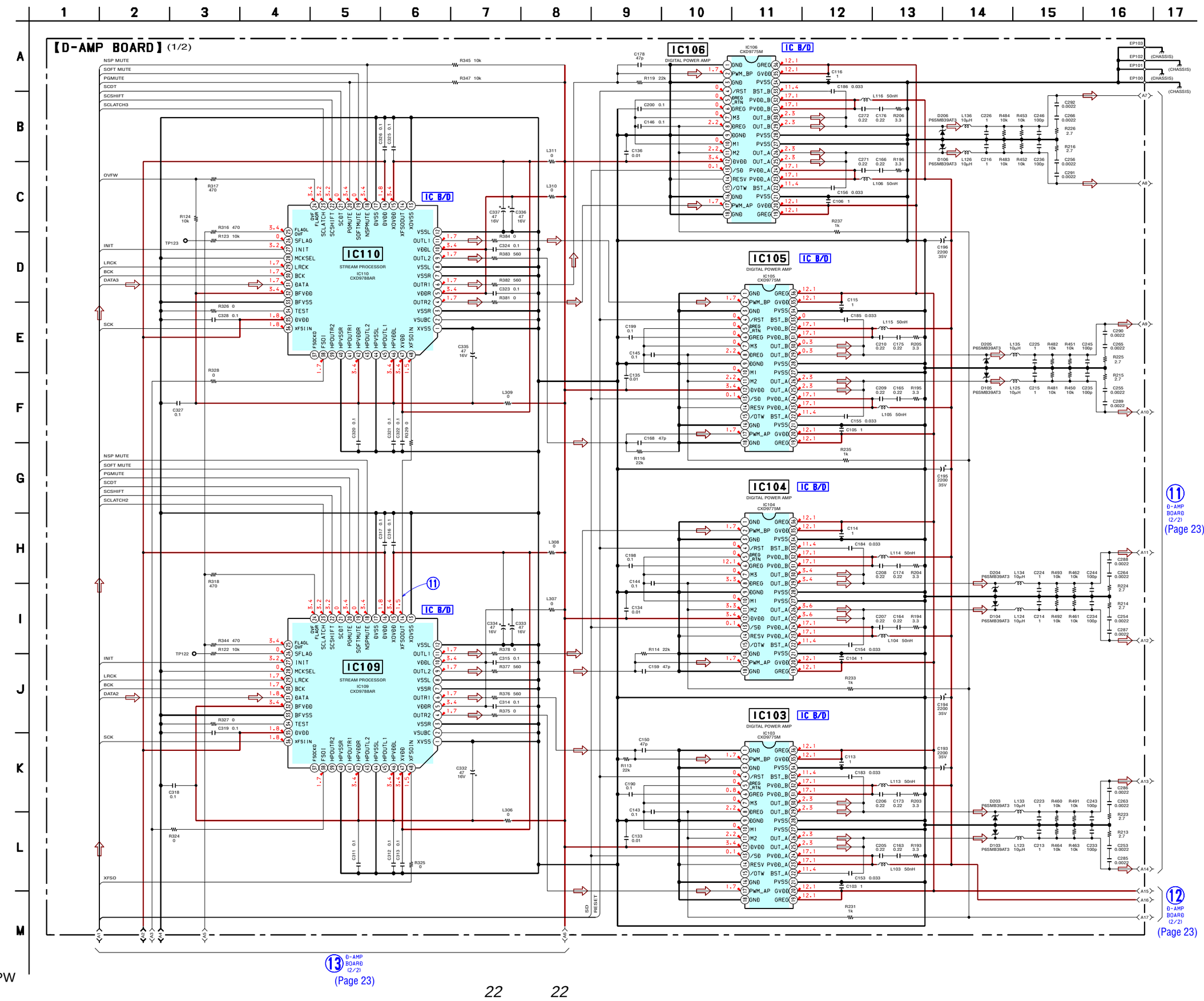


- **Semiconductor Location**

Ref. No.	Location
D101	D-3
D102	D-3
D103	D-4
D104	D-5
D105	D-5
D106	D-6
D201	D-3
D202	D-4
D203	D-4
D204	D-5
D205	D-6
D206	D-7
D208	D-3
Q101	A-3
Q103	A-3
Q105	A-5
Q107	A-5
Q109	A-6
Q111	A-5

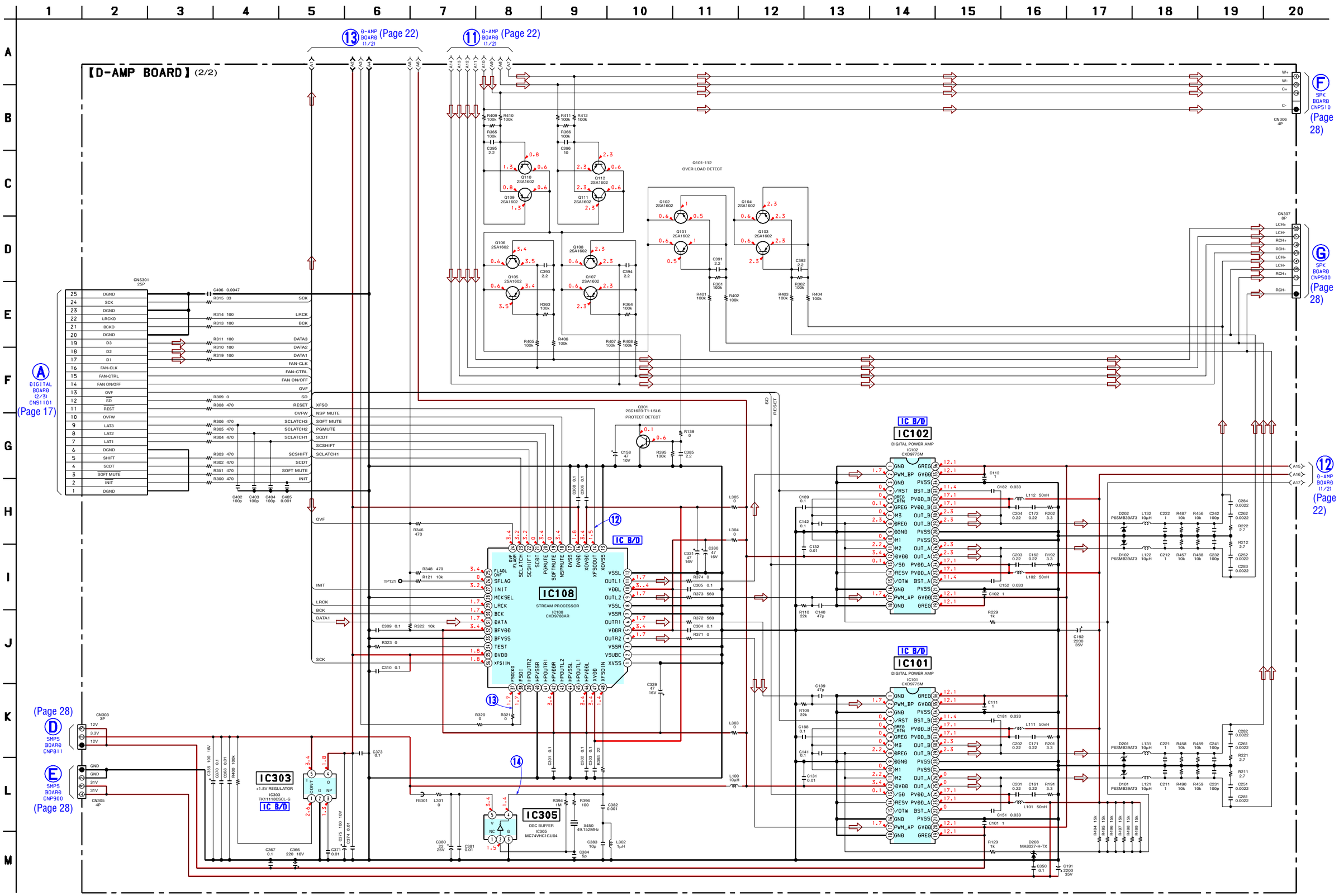
5-11. SCHEMATIC DIAGRAM – D-AMP Board (1/2) –

• See page 19 for Waveforms. • See page 29 for IC Block Diagrams.



5-12. SCHEMATIC DIAGRAM – D-AMP Board (2/2) –

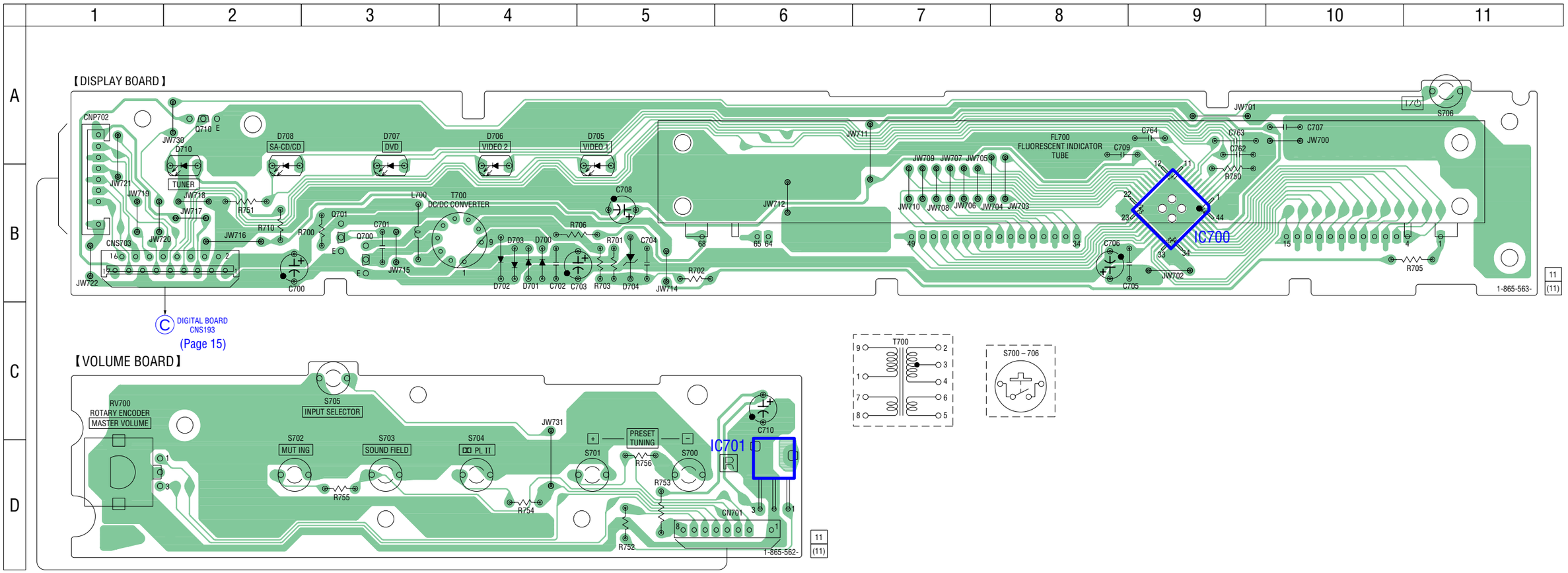
• See page 19 for Waveforms. • See page 29 for IC Block Diagrams.



5-13. PRINTED WIRING BOARDS – DISPLAY Section –

• See page 13 for Circuit Boards Location.

: Uses unleaded solder.

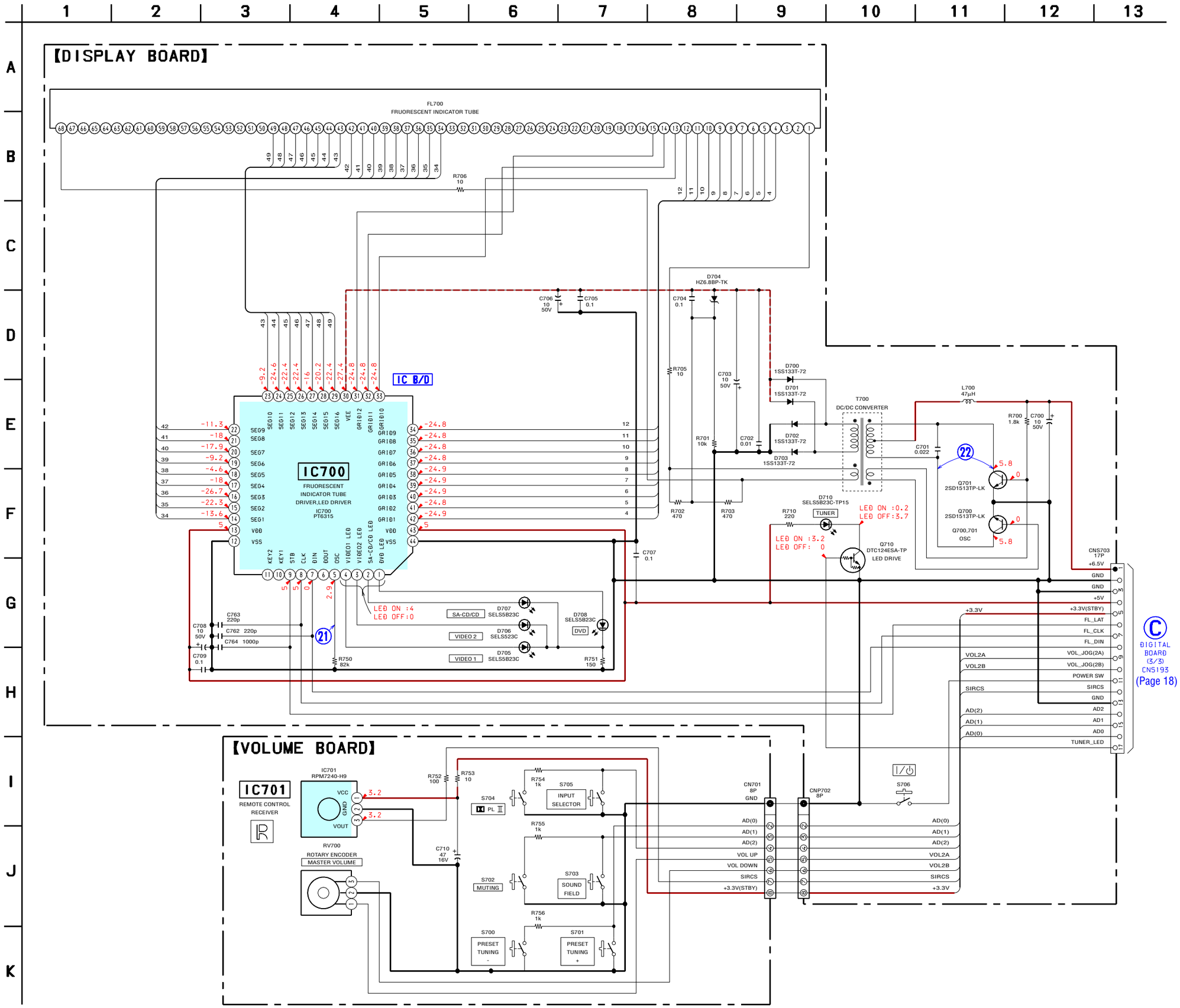


- **Semiconductor Location**

Ref. No.	Location
D700	B-4
D701	B-4
D702	B-4
D703	B-4
D704	B-5
D705	B-5
D706	B-4
D707	B-3
D708	B-2
D710	B-2
IC700	B-9
IC701	D-6
Q700	B-3
Q701	B-3
Q710	A-2

5-14. SCHEMATIC DIAGRAM – DISPLAY Section –

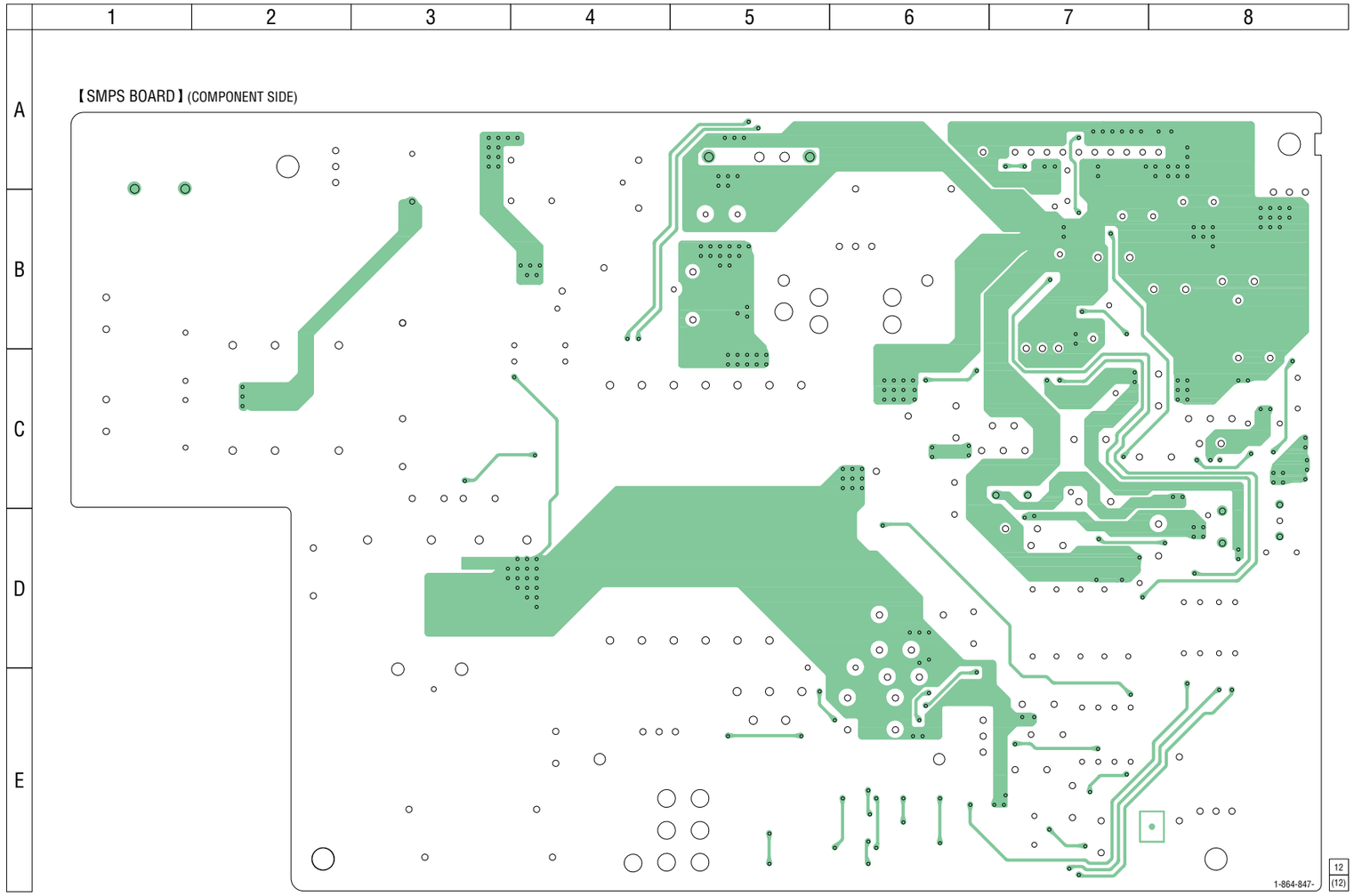
• See page 19 for Waveforms. • See page 29 for IC Block Diagrams.



5-15. PRINTED WIRING BOARD – SPEAKER OUT, POWER SUPPLY Section (1/2) –

• See page 13 for Circuit Boards Location.

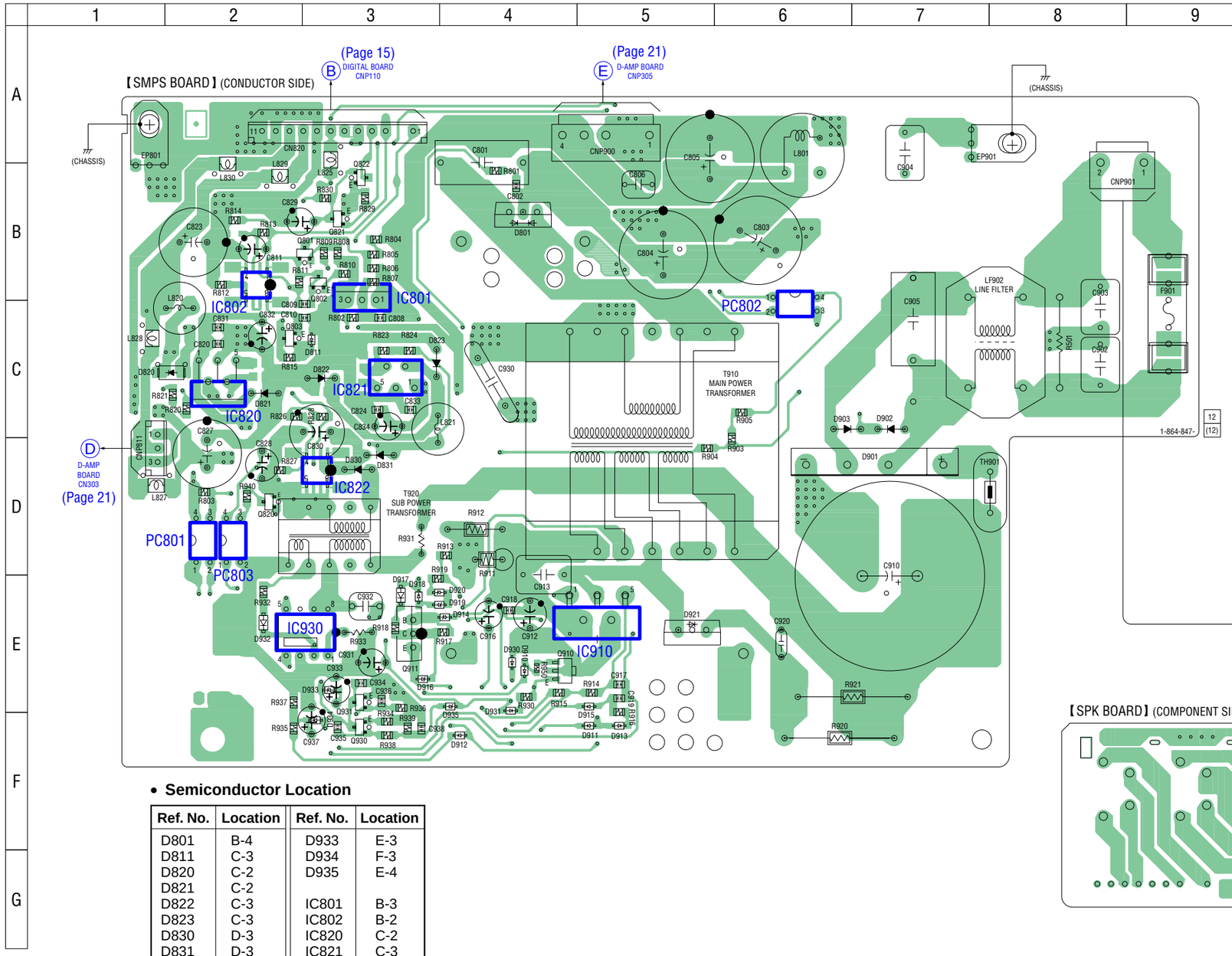
: Uses unleaded solder.

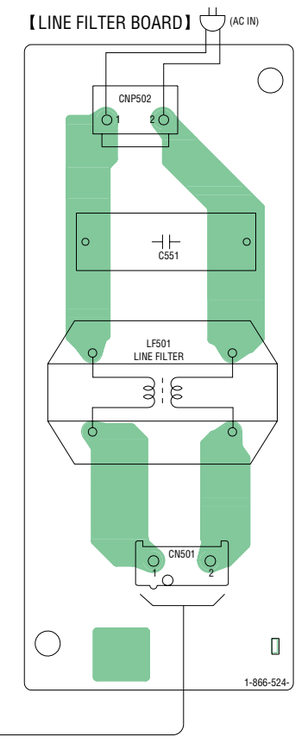


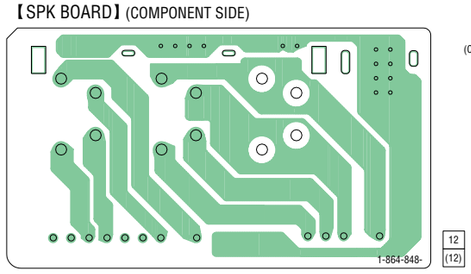
5-16. PRINTED WIRING BOARDS – SPEAKER OUT, POWER SUPPLY Section (2/2) –

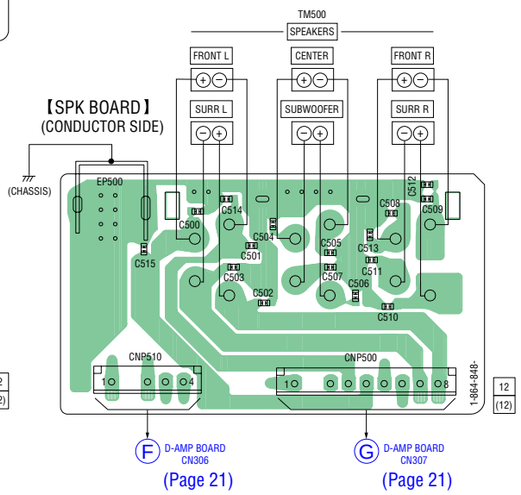
• See page 13 for Circuit Boards Location.

: Uses unleaded solder.







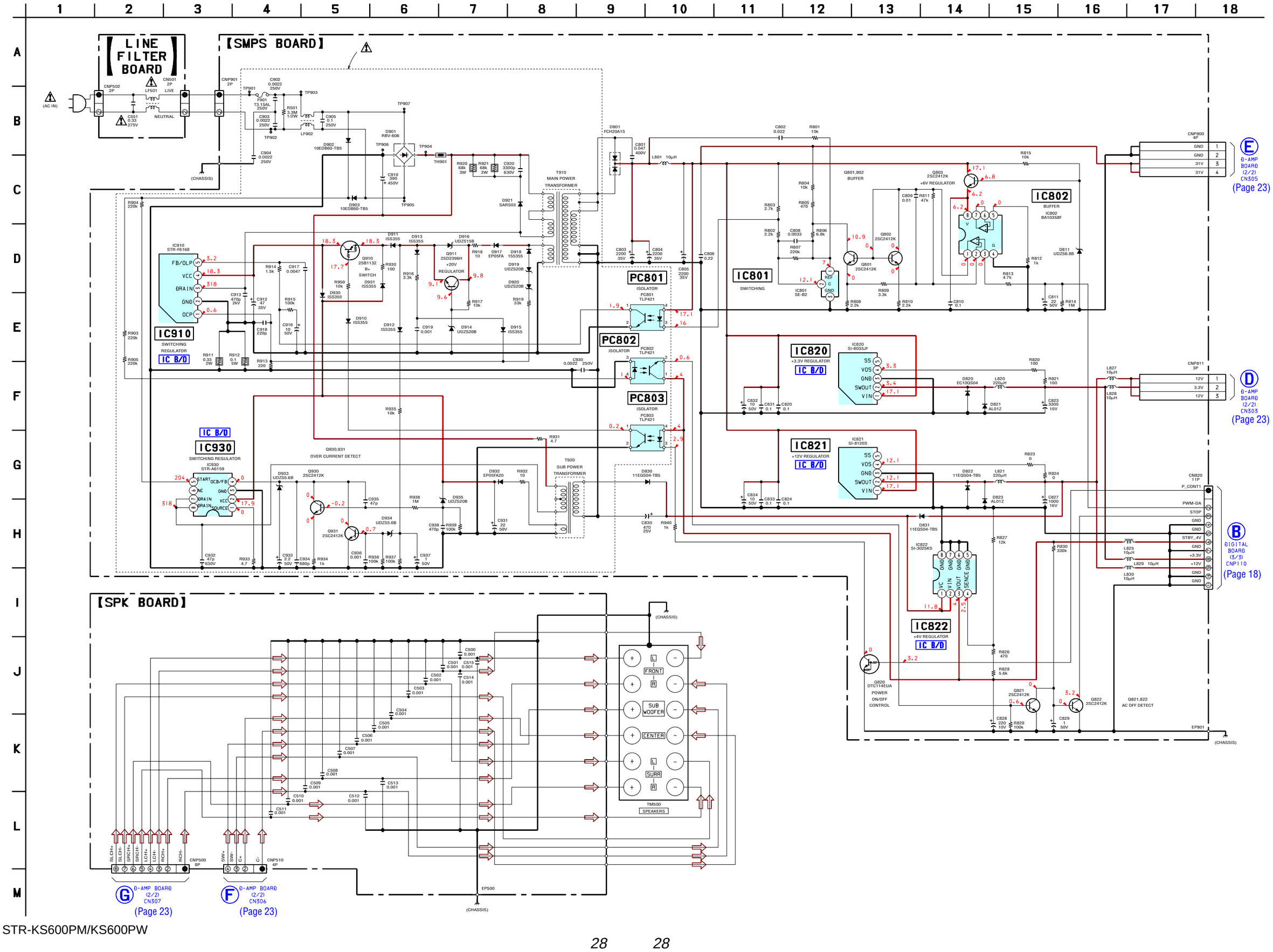


• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D801	B-4	D933	E-3
D811	C-3	D934	F-3
D820	C-2	D935	E-4
D821	C-2		
D822	C-3	IC801	B-3
D823	C-3	IC802	B-2
D830	D-3	IC820	C-2
D831	D-3	IC821	C-3
D901	D-7	IC822	D-3
D902	C-7	IC910	E-5
D903	C-6	IC930	E-3
D910	E-4		
D911	F-5	PC801	D-2
D912	F-4	PC802	C-6
D913	F-5	PC803	D-2
D914	E-4		
D915	E-5	Q801	B-3
D916	E-3	Q802	B-3
D917	E-3	Q803	C-2
D918	E-3	Q820	D-2
D919	E-4	Q821	B-3
D920	E-4	Q822	B-3
D921	E-5	Q910	E-4
D930	E-4	Q911	E-3
D931	E-4	Q930	F-3
D932	E-2	Q931	E-3

5-17. SCHEMATIC DIAGRAM – SPEAKER OUT, POWER SUPPLY Section –

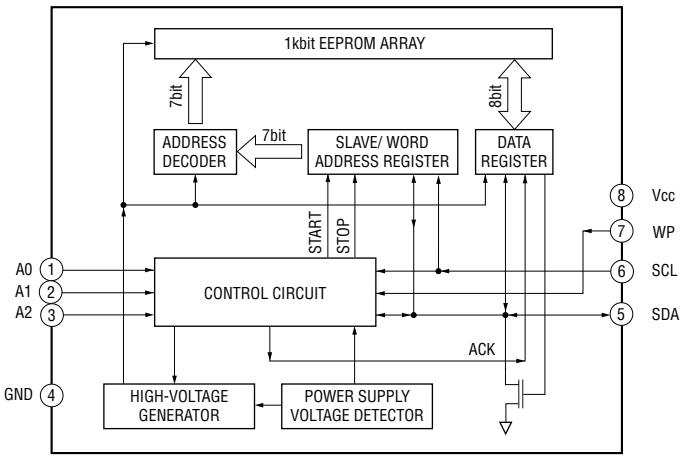
• See page 29 for IC Block Diagrams.



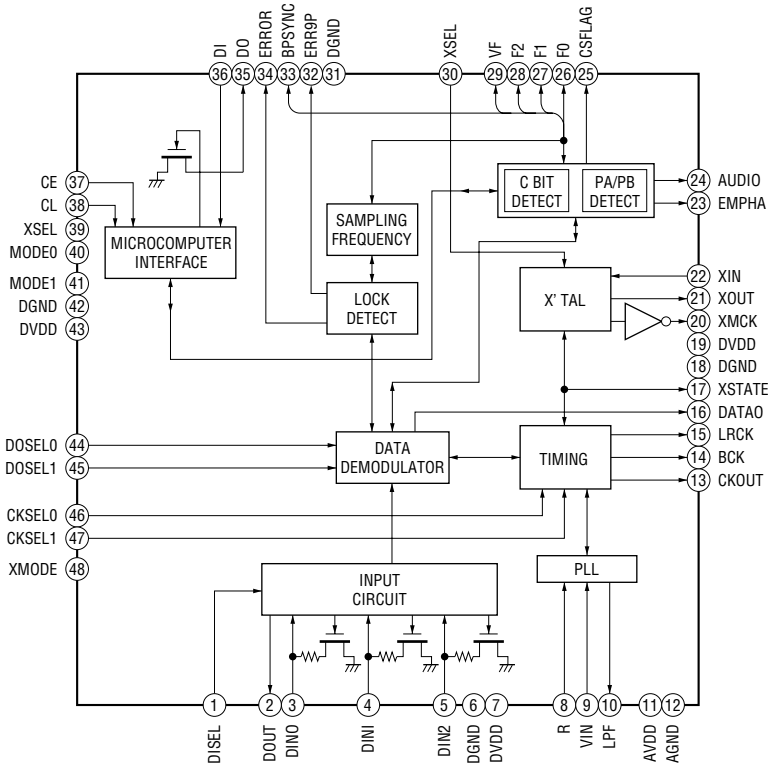
- **IC Block Diagrams**

– DIGITAL Board –

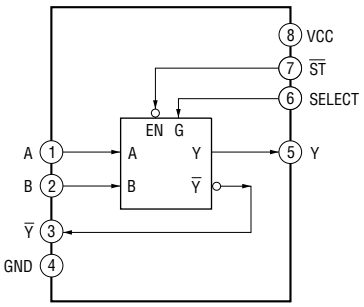
IC1131 BR24L16F-WE2



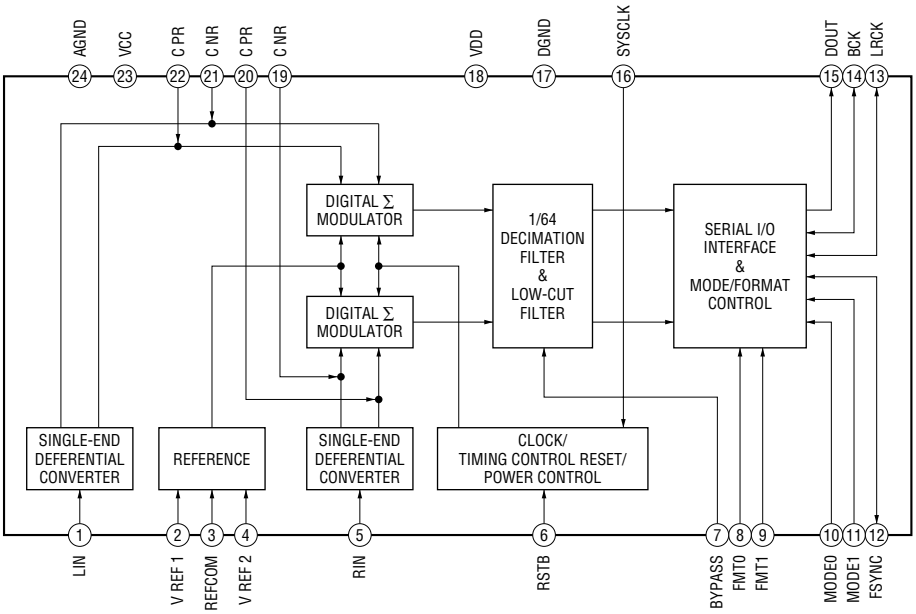
IC1301 LC89056W-E



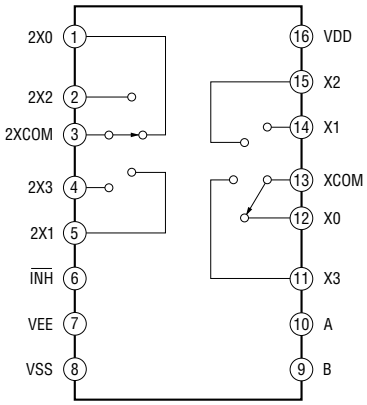
IC1503 TC7WH157FU (TE12R)



IC1602 PCM1800E/2K

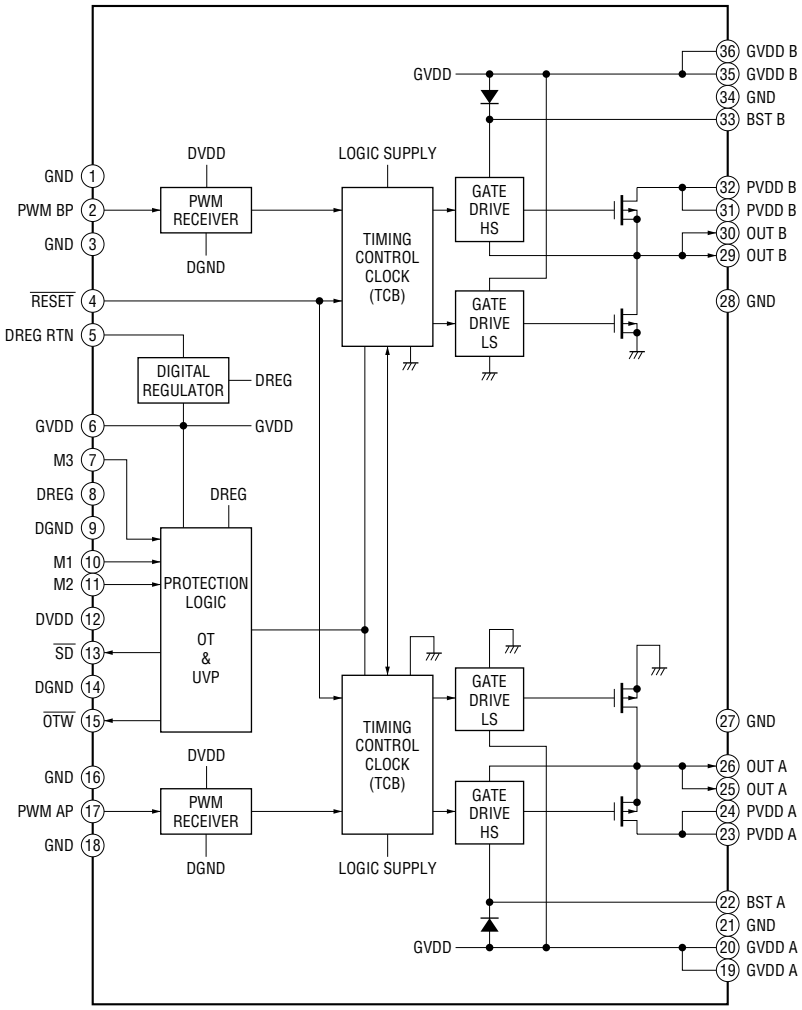


IC1710 MC14052 BDR2

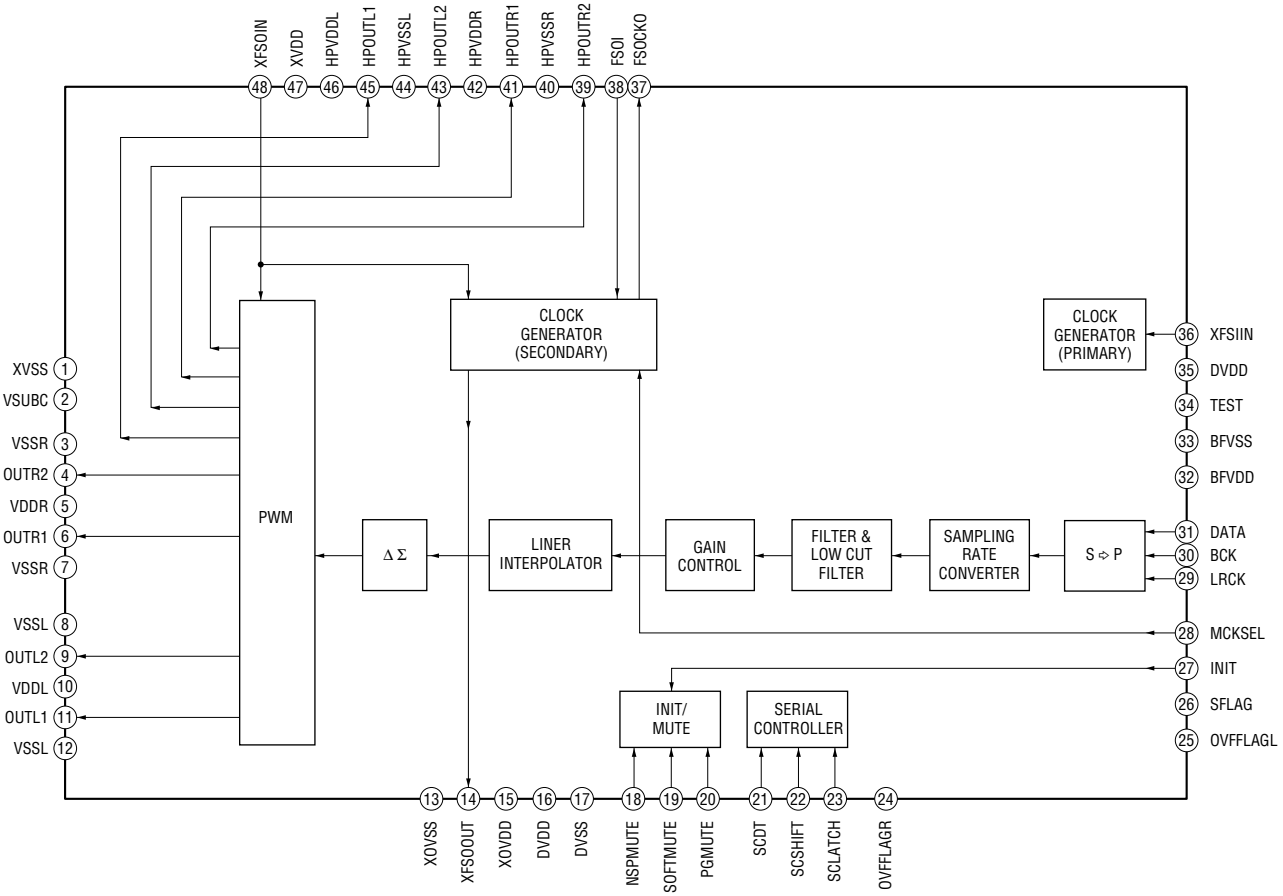


– D-AMP Board –

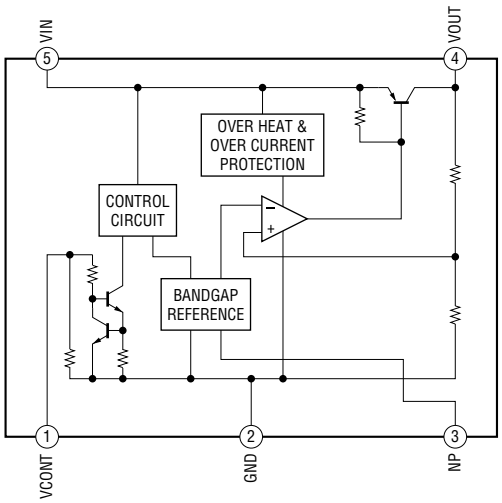
IC101 – 106 CXD9775M



IC108 – 110 CXD9788AR

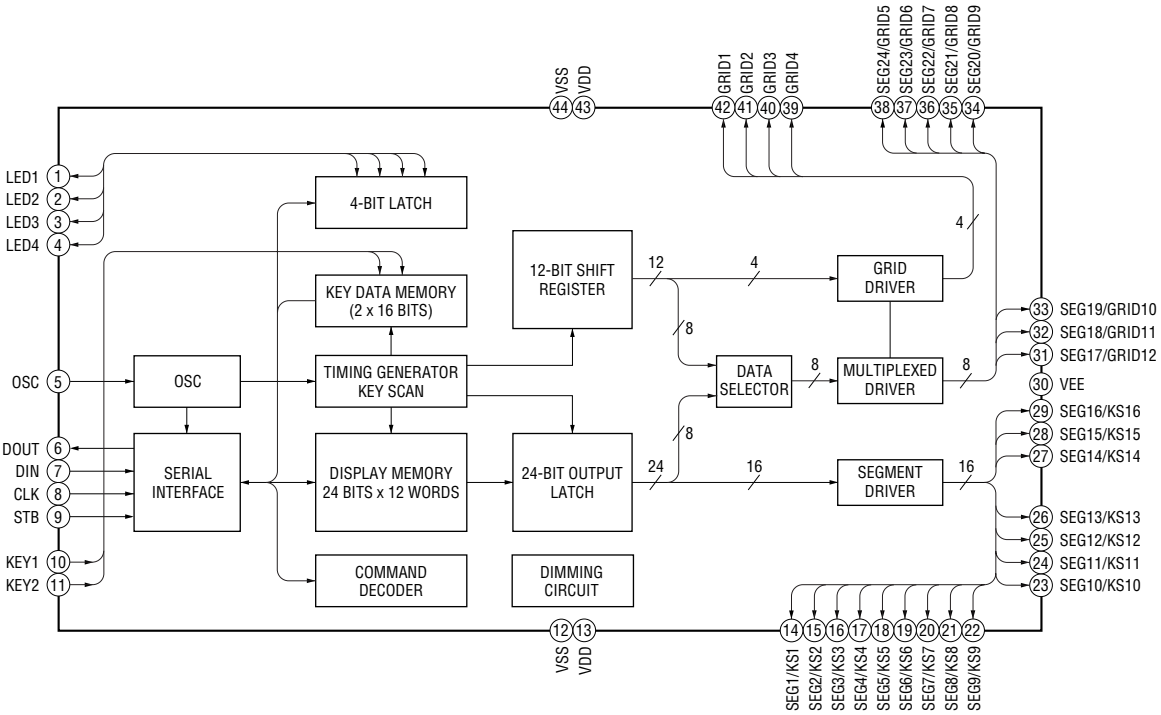


IC303 TK11118CSCL-G



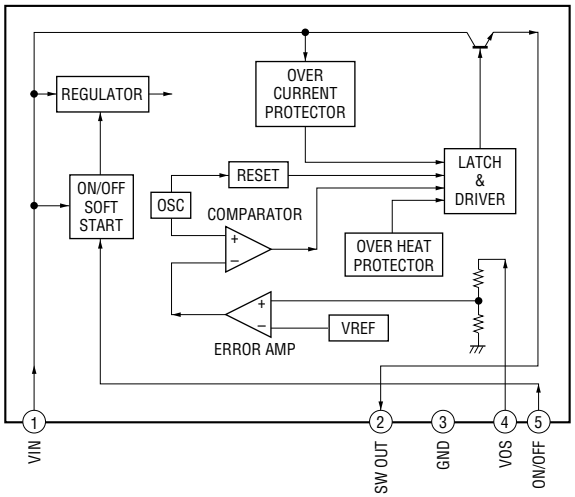
– DISPLAY Board –

IC700 μPD16315GB-3BS

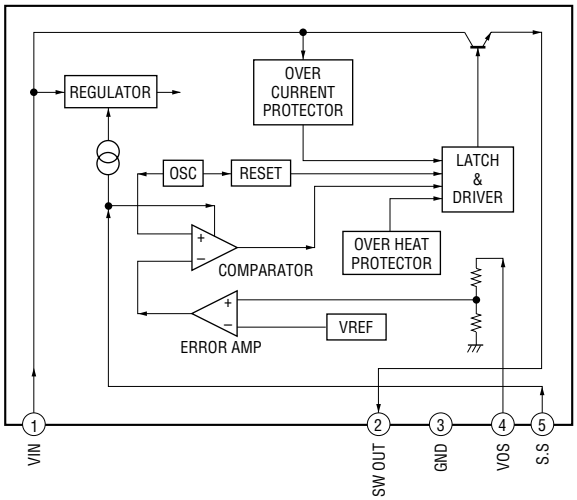


– SMPS Board –

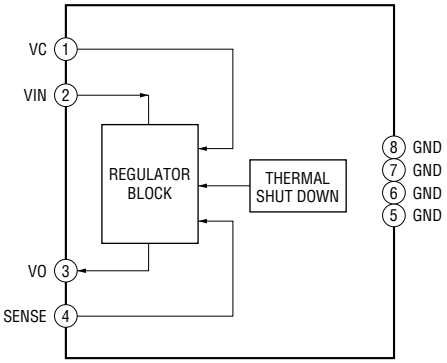
IC820 SI-8033JF



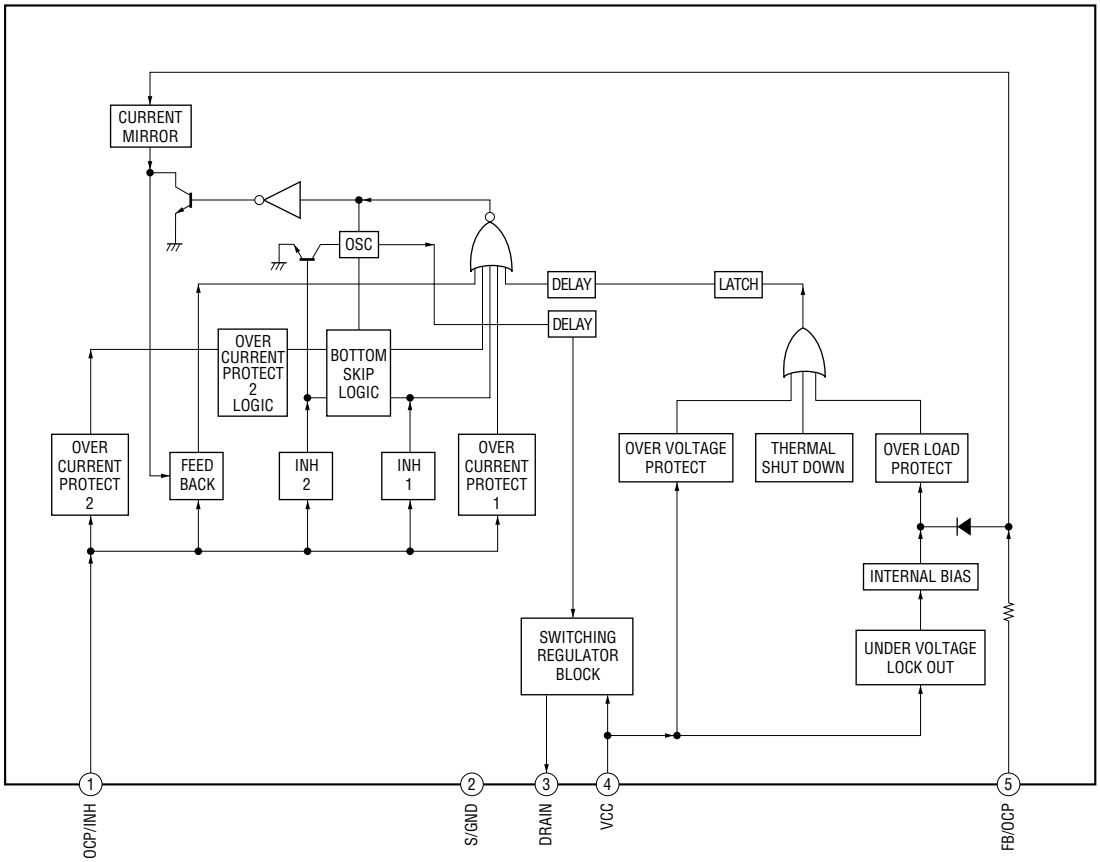
IC821 SI-8120S



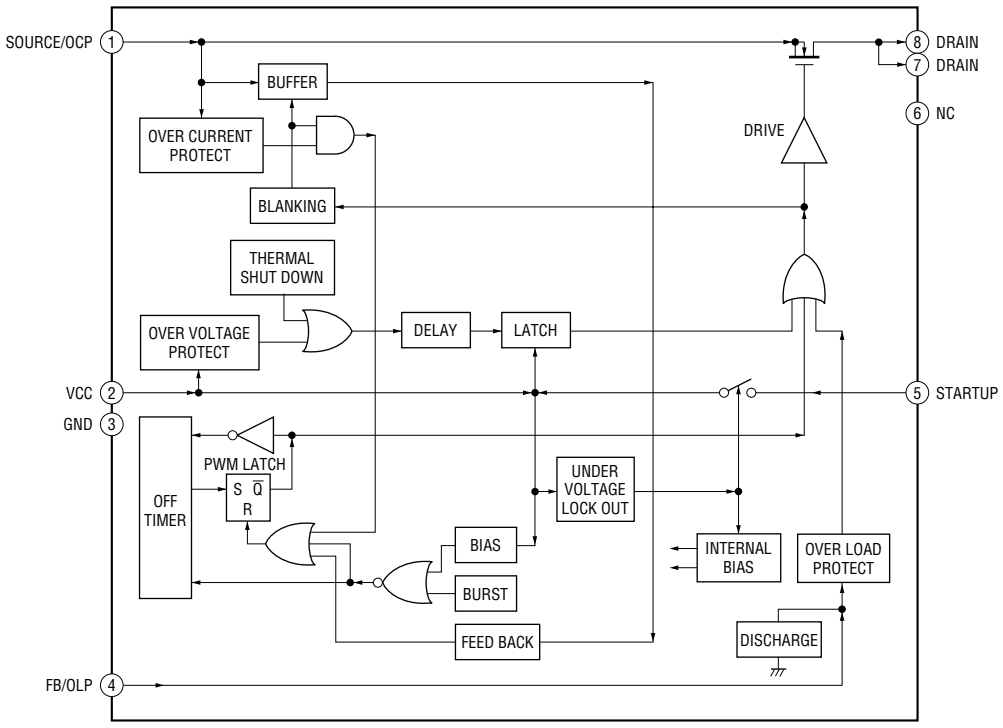
IC822 SI-3025KS-TL



IC910 STR-F6168-LF1352



IC930 STR-A6159



- **IC Pin Function Description**

DIGITAL BOARD IC1301 LC89056W-E (DIGITAL AUDIO INTERFACE RECEIVER)

Pin No.	Pin Name	I/O	Description
1	DISEL	I	Selection signal input terminal of data input terminal Fixed at "L" in this set
2	DOUT	O	Digital data output to the external output terminal Not used
3 to 5	DIN0 to DIN2	I	Digital audio signal input terminal
6	D. GND	-	Ground terminal
7	DVDD	-	Power supply terminal (+3.3V)
8	R	I	Input terminal for VCO gain control Not used
9	VIN	I	VCO free-run frequency setting terminal
10	LPF	O	PLL loop filter setting terminal
11	AVDD	-	Power supply terminal (+3.3V)
12	AGND	-	Ground terminal
13	CKOUT	O	Audio clock signal output to the DSP
14	BCK	O	Bit clock signal output to the DSP
15	LRCK	O	L/R sampling clock signal output to the DSP
16	DATAO	O	Audio serial data output to the DSP and system controller
17	XSTATE	O	Source clock selection monitor output to the system controller
18	DGND	-	Ground terminal
19	DVDD	-	Power supply terminal (+3.3V)
20	XMCK	O	System clock signal (12.288 MHz) output to the A/D converter
21	XOUT	O	System clock output terminal (12.288 MHz)
22	XIN	I	System clock input terminal (12.288 MHz)
23	EMPHA	O	Channel status emphasis information output terminal Not used
24	AUDIO	O	Channel status bit 1 output to the DSP
25	CSFLAG	O	Channel status head 40 bit renewal flag output terminal Not used
26 to 29	F0/P0/C0 to F3/P3/C3	O	Output terminal of input frequency calculation result Not used
30	DVDD	-	Power supply terminal (+3.3V)
31	DGND	-	Ground terminal
32	AUTO	O	Not used
33	BPSYNC	O	Non-PCM burst preamble sync signal output terminal Not used
34	ERROR	O	PLL lock error signal and data error flag output to the DSP and system controller
35	DO	O	Read data output to the system controller
36	DI	I	Write data input from the system controller
37	CE	I	Chip enable signal input from the system controller
38	CLK	I	Clock signal input from the system controller
39	XSEL	I	Selection signal input terminal of crystal oscillator frequency Fixed at "H" in this set
40, 41	MODE0, MODE1	I	Mode setting terminal Fixed at "L" in this set
42	DGND	-	Ground terminal
43	DVDD	-	Power supply terminal (+3.3V)
44, 45	DOSEL0, DOSEL1	I	Output data format selection signal input terminal Fixed at "L" in this set
46	CKSEL0	I	Output clock selection signal input terminal Fixed at "L" in this set
47	CKSEL1	I	Output clock selection signal input terminal Not used
48	XMODE	I	System reset signal input from the system controller "L": reset

DIGITAL BOARD IC1501 CXD9720BQ (DIGITAL AUDIO SIGNAL PROCESSOR)

Pin No.	Pin Name	I/O	Description
1	VSS	-	Ground terminal
2	XRST	I	System reset signal input from the system controller "L": reset
3	EXTIN	I	Master clock signal input terminal Not used
4	LRCKI3	I	L/R sampling clock signal input terminal Not used
5	VDDI	-	Power supply terminal (+2.6V)
6	BCKI3	I	Bit clock signal input terminal Not used
7	PLOCK	O	Internal PLL lock signal output terminal Not used
8	VSS	-	Ground terminal
9	MCLK1	I	System clock input terminal (13.9 MHz)
10	VDDI	-	Power supply terminal (+2.6V)
11	VSS	-	Ground terminal
12	MCLK2	O	System clock output terminal (13.9 MHz)
13	MS	I	Master/slave setting terminal "L": internal clock, "H": external clock Fixed at "L" in this set
14	SCKOUT	O	System clock output to the stream processor
15	LRCKI1	I	L/R sampling clock signal input from the digital audio interface receiver
16	VDDE	-	Power supply terminal (+3.3V)
17	BCKI1	I	Bit clock signal input from the digital audio interface receiver
18	SDI1	I	Audio serial data input from the A/D converter
19	LRCKO	O	L/R sampling clock signal output to the stream processor
20	BCKO	O	Bit clock signal output to the stream processor
21	VSS	-	Ground terminal
22	KFSIO	I	Audio clock signal input from the digital audio interface receiver
23 to 25	SDO1 to SDO3	O	Audio serial data output to the stream processor
26	SDO4	O	Audio serial data output terminal Not used
27	SPDIF	O	SPDIF audio signal output terminal Not used
28	LRCKI2	I	L/R sampling clock signal input from the digital audio interface receiver
29	BCKI2	I	Bit clock signal input from the digital audio interface receiver
30	SDI2	I	Audio serial data input from the digital audio interface receiver
31	VSS	-	Ground terminal
32	HACN	O	Acknowledge signal output to the system controller
33	HDIN	I	Serial data input from the system controller
34	HCLK	I	Serial data transfer clock signal input from the system controller
35	HDOUT	O	Serial data output to the system controller
36	HCS	I	Chip select signal input from the system controller
37	GP12	I	Write signal input from the system controller
38	GP13	O	SD-RAM chip enable output terminal Not used
39	GP14	O	Row address strobe signal output terminal Not used
40	VDDI	-	Power supply terminal (+2.6V)
41	VSS	-	Ground terminal
42	GP15	O	Column address strobe signal output terminal Not used
43	OE0	O	Output terminal of data input/output mask Not used
44	CS0	O	Chip select signal output to the S-RAM
45	WE0	O	Write enable signal output to the S-RAM
46	VDDE	-	Power supply terminal (+3.3V)
47	WMD1	I	External memory wait mode setting terminal Fixed at "H" in this set

Pin No.	Pin Name	I/O	Description
48	VSS	-	Ground terminal
49	WMD0	I	External memory wait mode setting terminal Fixed at "H" in this set
50	PAGE2	O	External memory page selection signal output terminal Not used
51	VSS	-	Ground terminal
52, 53	PAGE1, PAGE0	O	External memory page selection signal output terminal Not used
54	BOOT	I	Boot mode control signal input terminal Not used
55	TST1	O	Not used
56	BST	I	Boot strap signal input from the system controller
57	MOD1	I	Operation mode setting terminal "L": enhanced mode, "H": normal mode Fixed at "H" in this set
58	MOD0	I	Operation mode setting terminal "L": single chip mode, "H": can not use Fixed at "L" in this set
59	EXLOCK	I	PLL lock error signal and data error flag input from the digital audio interface receiver
60	VDDI	-	Power supply terminal (+2.6V)
61	VSS	-	Ground terminal
62, 63	A17, A16	O	Address signal output terminal Not used
64 to 66	A15 to A13	O	Address signal output to the S-RAM
67	GP10	I	L/R sampling clock signal input terminal Not used
68	DECODE	O	Read ready signal output to the system controller
69	AUDIO	I	Channel status bit 1 input from the digital audio interface receiver
70	VDDI	-	Power supply terminal (+2.6V)
71	VSS	-	Ground terminal
72 to 75	D15 to D12	I/O	Two-way data bus with the S-RAM
76	VDDE	-	Power supply terminal (+3.3V)
77 to 80	D11 to D8	I/O	Two-way data bus with the S-RAM
81	VSS	-	Ground terminal
82 to 85	A9, A12 to A10	O	Address signal output to the S-RAM
86	TDO	O	Simplicity emulation data output terminal Not used
87	TMS	I	Simplicity emulation data input start and end terminal Not used
88	XTRST	I	Simplicity emulation non-sync break signal input terminal Not used
89	TCK	I	Simplicity emulation clock signal input terminal Not used
90	TDI	I	Simplicity emulation data input terminal Not used
91	VSS	-	Ground terminal
92 to 97	A8 to A3	O	Address signal output to the S-RAM
98, 99	D7, D6	I/O	Two-way data bus with the S-RAM
100	VDDI	-	Power supply terminal (+2.6V)
101	VSS	-	Ground terminal
102 to 105	D5 to D2	I/O	Two-way data bus with the S-RAM
106	VDDE	-	Power supply terminal (+3.3V)
107, 108	D1, D0	I/O	Two-way data bus with the S-RAM
109, 110	A2, A1	O	Address signal output to the S-RAM
111	VSS	-	Ground terminal
112	A0	O	Address signal output to the S-RAM
113	PM	I	PLL initialize signal input from the system controller
114, 115	SDI3, SDI4	I	Audio serial data input terminal Not used
116	SYNC	I	Sync/non-sync setting terminal "L": sync, "H": non-sync Fixed at "H" in this set

Pin No.	Pin Name	I/O	Description
117	TST2	I	Not used
118	GP11	I	Not used
119	TST3	I	Not used
120	VDDI	-	Power supply terminal (+2.6V)

DIGITAL BOARD IC1601 MB90488BPF-G-111E1 (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	DATAO	I	Audio serial data input from the digital audio interface receiver
2	GP9	I	Read ready signal input from the DSP
3	BST	O	Boot strap signal output to the DSP
4	HCS	O	Chip select signal output to the DSP
5	HACN	I	Acknowledge signal input from the DSP
6	XRST	O	System reset signal output to the DSP "L": reset
7	PM	O	PLL initialize signal output to the DSP
8	PWM-DA	O	Power control signal output terminal
9	GP12	O	Write signal output to the DSP
10	AD_RST	O	Reset signal output to the A/D converter
11	VSS	-	Ground terminal
12, 13	VIDEO-SW1, VIDEO-SW2	O	Video input selection signal output terminal Not used
14	VIDEO-MUTE	O	Video muting on/off control signal output terminal Not used
15, 16	157_CTL1, 157_CTL2	-	Not used
17	WOOFER RELAY	-	Not used
18	HDOUT	I	Serial data input from the DSP
19	HDIN	O	Serial data output to the DSP
20	HCLK	O	Serial data transfer clock signal output to the DSP
21, 22	SELECT_B, SELECT_A	O	Analog audio input signal switching signal output terminal
23	VCC5	-	Power supply terminal (+3.3V)
24	ANA/DIG	O	Analog/digital selection signal output terminal "L": analog, "H": digital
25	14052_CTL1	-	Not used
26	POWER_SD	I	Over load detection signal input terminal
27, 28	FLASH2, FLASH1	O	Flash programming signal output terminal Not used
29	NC	-	Not used
30	XSCEN	O	Chip enable signal output terminal Not used
31	XRST	O	System reset signal output terminal Not used
32	POWER_RST	O	Reset signal output to the digital power amplifiers
33	SCL	O	Serial data transfer clock signal output to the EEPROM
34	SDA	I/O	Two-way data bus with the EEPROM
35	AVCC	-	Power supply terminal (+3.3V)
36	AVRH	I	Reference voltage (+3.3V) input terminal
37	AVSS	-	Ground terminal
38 to 40	A/D0 to A/D2	I	Front panel key input terminal (A/D input)
41	A/D3	I	Key input terminal Not used
42	VSS	-	Ground terminal
43	RDS SIGNAL	I	RDS signal input from the tuner unit
44	MODEL	I	Setting terminal for the model (A/D input)
45	VERSION	I	Setting terminal for the destination (A/D input)
46	P. CONT1	O	Power on/off control signal output terminal
47	SMPS RST	-	Not used
48	STOP P. STOP	I	AC off detection signal input terminal "L": AC off
49 to 51	MD0 to MD2	I	CPU operation mode setting signal terminal

Pin No.	Pin Name	I/O	Description
52	RDS CLK	I	RDS interrupt clock signal input from the tuner unit
53	RDS DATA	I	RDS serial data input from the tuner unit
54	SIRCS	I	SIRCS signal input terminal
55	FUSE DETECT	I	Fuse open detection signal input terminal "L": fuse opened
56	POWER KEY	I	Power key input terminal "L": switch on
57	NO USE	-	Not used
58 to 60	LAT3 to LAT1	O	Latch signal output to the stream processor
61	SHIFT	O	Serial data latch pulse output to the stream processor
62	SCDT	O	Serial data output to the stream processor
63	SOFT_MUTE	O	Muting on/off control signal output terminal
64	INT	O	Initialize signal output to the stream processor
65	STEREO	I	FM stereo detection signal input from the FM/AM tuner pack
66	TUNED	I	Tuned detection signal input from the FM/AM tuner pack
67	TUNER_LED	O	LED drive signal output terminal
68	OVF	I	Overflow signal input from the stream processor
69	FAN_CTL	O	Fan motor on/off control signal output terminal Not used
70, 71	VOLB, VOLA	I	Jog dial pulse input terminal
72	FL_DATA	O	Serial data output to the fluorescent display tube driver
73	FL_CLK	O	Serial data transfer clock signal output to the fluorescent indicator tube driver
74	FL_STB	O	Strobe signal output to the fluorescent indicator tube driver
75	FAN_CLK	I	Fan motor feedback clock signal input terminal Not used
76	FAN_ON	I	Fan motor level detection signal input terminal Not used
77	RSTX	I	System reset signal input from the reset signal generator "L": reset For several hundreds msec. after the power supply rises, "L" is input, then it changes to "H"
78	OVFW	I	Overflow signal input for subwoofer from the stream processor
79	X1A	O	Sub system clock output terminal Not used
80	X0A	I	Sub system clock input terminal Not used
81	VSS	-	Ground terminal
82	X0	I	Main system clock input terminal (24 MHz)
83	X1	O	Main system clock output terminal (24 MHz)
84	VCC3	-	Power supply terminal (+3.3V)
85	T. CLK	O	Serial data transfer clock signal output to the FM/AM tuner pack
86	T. DATA	O	Serial data output to the FM/AM tuner pack
87	SLATCH	O	Latch signal output to the FM/AM tuner pack
88	T_DO	I	Serial data input from the FM/AM tuner pack
89	T_MUTE	O	Muting on/off control signal output terminal
90, 91	TC74AC_A, TC74AC_B	-	Not used
92	LRCK_SW	O	L/R sampling clock signal switching signal output terminal
93	XMODE	O	System reset signal output to the digital audio interface receiver "L": reset
94	CKSEL1	O	Output clock selection signal output terminal Not used
95	CLK	O	Clock signal output to the digital audio interface receiver
96	CE	O	Chip enable signal output to the digital audio interface receiver
97	D1	O	Write data output to the digital audio interface receiver
98	D0	I	Read data input from the digital audio interface receiver
99	ERROR	I	PLL lock error signal and data error flag input from the digital audio interface receiver
100	XSTATE	I	Source clock selection monitor input from the digital audio interface receiver

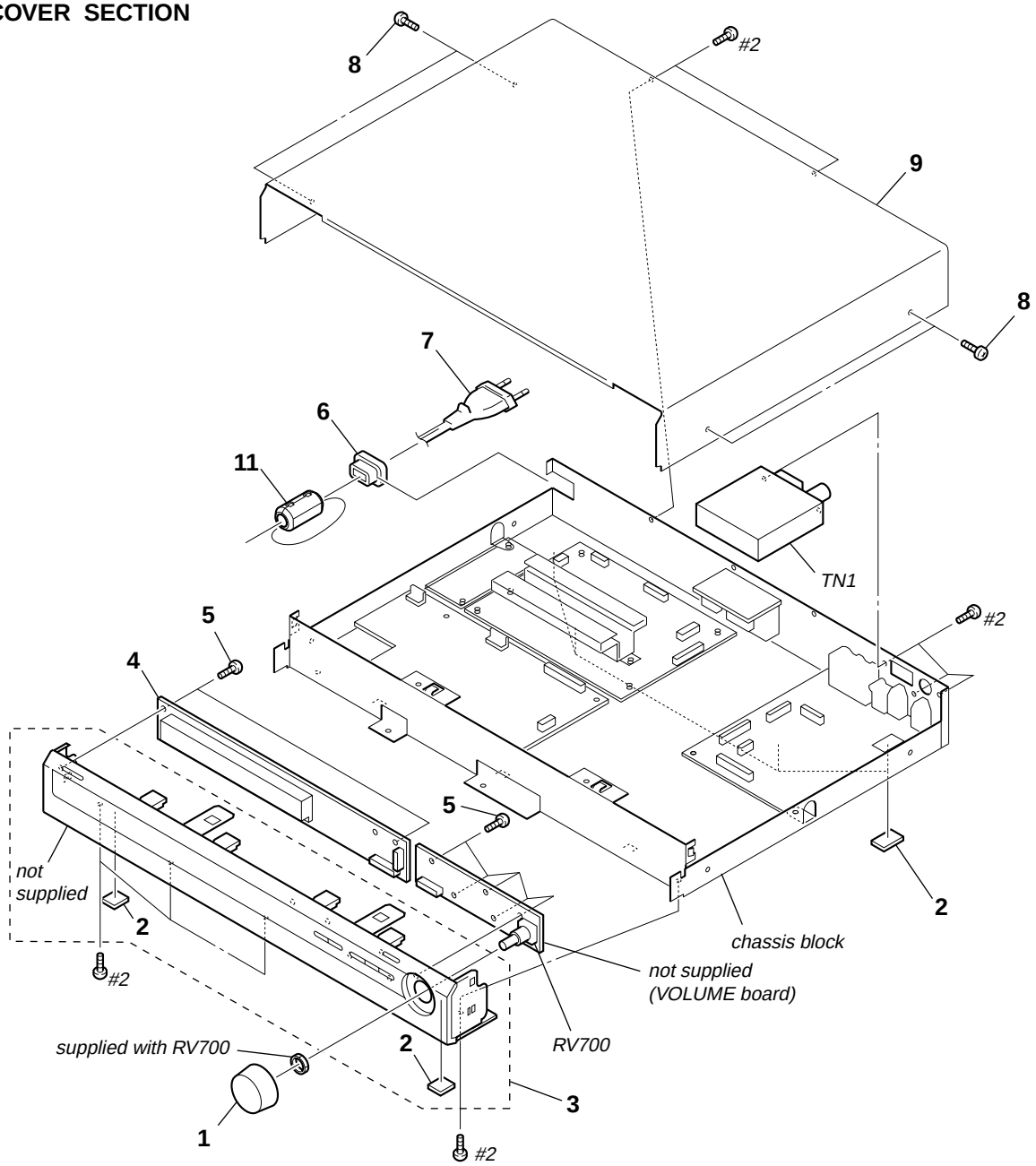
SECTION 6
EXPLODED VIEWS

NOTE:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- 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 the electrical parts list.

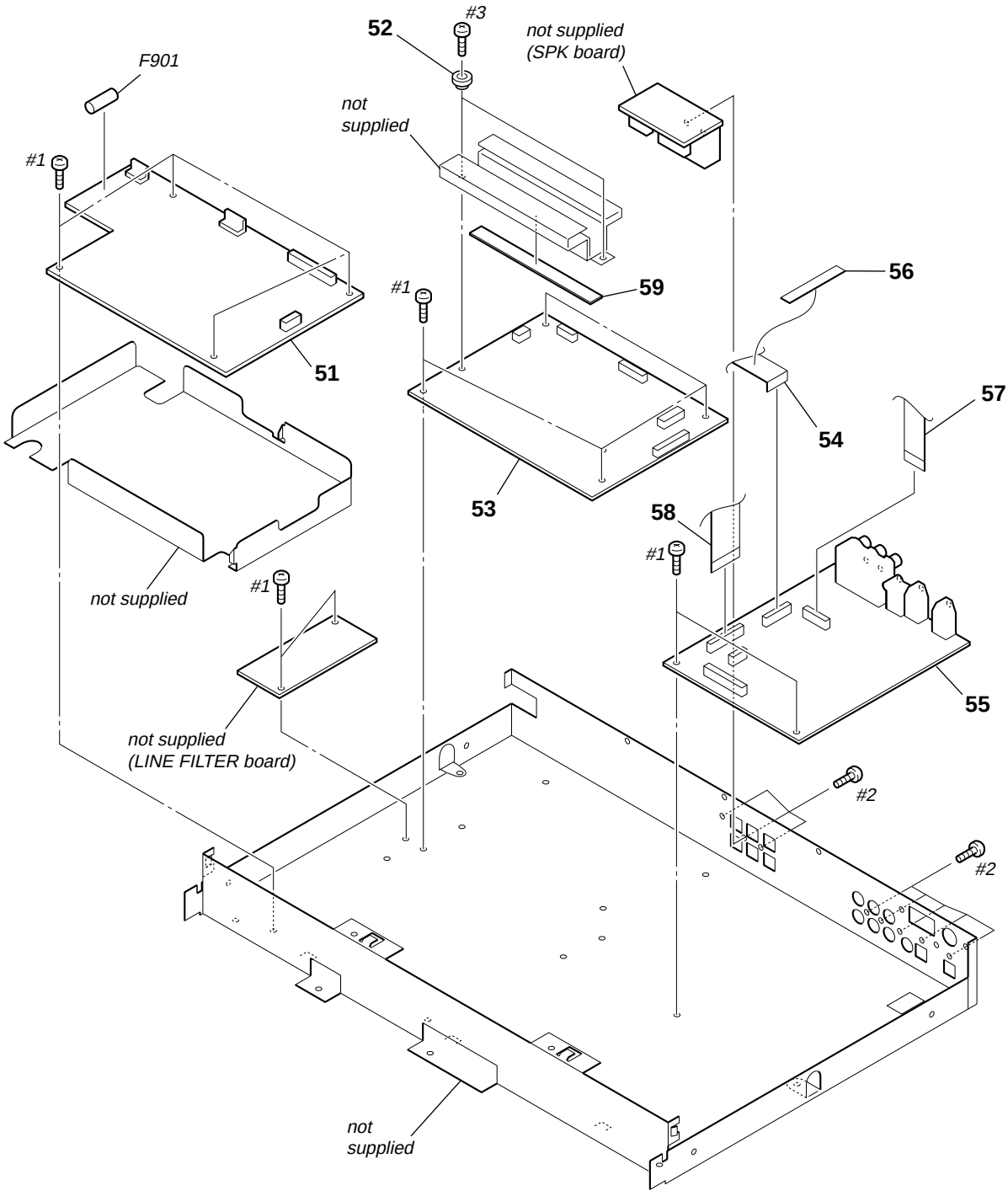
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

6-1. COVER SECTION



Ref. No.	Part No.	Description	Remark
1	4-254-448-01	KNOB (SL500), VOLUME	
2	4-977-358-01	CUSHION	
3	X-2050-915-2	FRONT PANEL ASSY (KS600PM)	
3	X-2055-641-1	FRONT PANEL ASSY (KS600PW)	
4	A-1097-936-A	DISPLAY BOARD, COMPLETE	
5	3-087-053-01	+BVTP2.6 (3CR)	
* 6	3-703-244-00	BUSHING (2104), CORD	
⚠7	1-777-071-83	CORD, POWER	
8	3-070-883-41	SCREW, TAPPING	
9	2-189-343-21	CASE (99BW)	
* 11	1-400-052-11	FILTER, CLAMP (FERRITE CORE)	
RV700	1-418-725-51	ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)	
TN1	1-693-676-11	TUNER	
#2	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

6-2. CHASSIS BLOCK



Ref. No.	Part No.	Description	Remark
51	A-1097-929-A	SMPS BOARD, COMPLETE	
52	4-857-425-00	BUSHING, 03P INSULATING	
53	A-1097-939-A	D-AMP BOARD, COMPLETE	
54	1-828-650-11	WIRE (FLAT TYPE) (25 CORE)	
55	A-1097-941-A	DIGITAL BOARD, COMPLETE	
56	3-378-435-01	CUSHION, SARANET	
57	1-828-980-11	WIRE (FLAT TYPE) (15 CORE)	

Ref. No.	Part No.	Description	Remark
58	1-828-995-11	WIRE (FLAT TYPE) (17 CORE)	
59	2-598-805-01	RADIATION SHEET	
#1	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	
#2	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#3	7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3	
⚠F901	1-532-465-33	FUSE (T3.15A/250V)	

D-AMP

SECTION 7
ELECTRICAL PARTS LIST

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 and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service.
  Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA... : µA... uPA... : µPA...
  uPB... : µPB... uPC... : µPC...
  uPD... : µPD...
- CAPACITORS
  uF: µF
- COILS
  uH: µH

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

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

Ref. No.	Part No.	Description			Remark
	A-1097-939-A	D-AMP BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C101	1-164-346-11	CERAMIC CHIP	1uF		16V
C102	1-164-346-11	CERAMIC CHIP	1uF		16V
C103	1-164-346-11	CERAMIC CHIP	1uF		16V
C104	1-164-346-11	CERAMIC CHIP	1uF		16V
C105	1-164-346-11	CERAMIC CHIP	1uF		16V
C106	1-164-346-11	CERAMIC CHIP	1uF		16V
C111	1-164-346-11	CERAMIC CHIP	1uF		16V
C112	1-164-346-11	CERAMIC CHIP	1uF		16V
C113	1-164-346-11	CERAMIC CHIP	1uF		16V
C114	1-164-346-11	CERAMIC CHIP	1uF		16V
C115	1-164-346-11	CERAMIC CHIP	1uF		16V
C116	1-164-346-11	CERAMIC CHIP	1uF		16V
C131	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C132	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C133	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C134	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C135	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C136	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C139	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C140	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C141	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C142	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C143	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C144	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C145	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C146	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C150	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C151	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C152	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C153	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C154	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C155	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C156	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C158	1-126-947-11	ELECT	47uF	20%	35V
C159	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C161	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C162	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C163	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C164	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C165	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C166	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C168	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C171	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C172	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C173	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C174	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C175	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C176	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C178	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C181	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C182	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C183	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C184	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C185	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C186	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C188	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C189	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C190	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C191	1-107-898-11	ELECT	2200uF	20%	35V
C192	1-107-898-11	ELECT	2200uF	20%	35V
C193	1-107-898-11	ELECT	2200uF	20%	35V
C194	1-107-898-11	ELECT	2200uF	20%	35V
C195	1-107-898-11	ELECT	2200uF	20%	35V
C196	1-107-898-11	ELECT	2200uF	20%	35V
C198	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C199	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C200	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C201	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C202	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C203	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C204	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C205	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C206	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C207	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C208	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C209	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C210	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C211	1-136-177-00	FILM	1uF	5%	50V
C212	1-136-177-00	FILM	1uF	5%	50V
C213	1-136-177-00	FILM	1uF	5%	50V
C214	1-136-177-00	FILM	1uF	5%	50V
C215	1-136-177-00	FILM	1uF	5%	50V
C216	1-136-177-00	FILM	1uF	5%	50V

Ref. No.	Part No.	Description			Remark
C221	1-136-177-00	FILM	1uF	5%	50V
C222	1-136-177-00	FILM	1uF	5%	50V
C223	1-136-177-00	FILM	1uF	5%	50V
C224	1-136-177-00	FILM	1uF	5%	50V
C225	1-136-177-00	FILM	1uF	5%	50V
C226	1-136-177-00	FILM	1uF	5%	50V
C231	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C232	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C233	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C234	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C235	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C236	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C241	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C242	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C243	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C244	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C245	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C246	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C251	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C252	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C253	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C254	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C255	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C256	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C261	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C262	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C263	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C264	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C265	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C266	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C271	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C272	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C281	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C282	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C283	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C284	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C285	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C286	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C287	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C288	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C289	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C290	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C291	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C292	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C301	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C302	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C303	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C304	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C305	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C306	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C308	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C309	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C310	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C311	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C312	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C313	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C314	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C315	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C316	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C317	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C318	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C319	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C320	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C321	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C322	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C323	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C324	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C325	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C326	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C327	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C328	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C329	1-126-947-11	ELECT	47uF	20%	35V
C330	1-126-947-11	ELECT	47uF	20%	35V
C331	1-126-947-11	ELECT	47uF	20%	35V
C332	1-126-947-11	ELECT	47uF	20%	35V
C333	1-126-947-11	ELECT	47uF	20%	35V
C334	1-126-947-11	ELECT	47uF	20%	35V
C335	1-126-947-11	ELECT	47uF	20%	35V
C336	1-126-947-11	ELECT	47uF	20%	35V
C337	1-126-947-11	ELECT	47uF	20%	35V
C350	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C355	1-126-933-11	ELECT	100uF	20%	16V
C366	1-126-934-11	ELECT	220uF	20%	16V
C367	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C368	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C370	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C371	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C373	1-130-495-00	MYLAR	0.1uF	5%	50V
C374	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C375	1-165-722-11	ELECT	100uF	20%	10V
C380	1-104-662-31	ELECT	22uF	20%	25V
C381	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C382	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C383	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C384	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C385	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C391	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C392	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C393	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C394	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C395	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C396	1-117-370-11	CERAMIC CHIP	10uF		10V
C402	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C403	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C404	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C405	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C406	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
		< CONNECTOR >			
CNS301	1-779-293-11	CONNECTOR, FFC (LIF (NON-ZIF)) 25P			
		< DIODE >			
D101	6-500-260-01	DIODE P6SMB39AT3			
D102	6-500-260-01	DIODE P6SMB39AT3			
D103	6-500-260-01	DIODE P6SMB39AT3			

D-AMP

Ref. No.	Part No.	Description	Remark
D104	6-500-260-01	DIODE P6SMB39AT3	
D105	6-500-260-01	DIODE P6SMB39AT3	
D106	6-500-260-01	DIODE P6SMB39AT3	
D201	6-500-260-01	DIODE P6SMB39AT3	
D202	6-500-260-01	DIODE P6SMB39AT3	
D203	6-500-260-01	DIODE P6SMB39AT3	
D204	6-500-260-01	DIODE P6SMB39AT3	
D205	6-500-260-01	DIODE P6SMB39AT3	
D206	6-500-260-01	DIODE P6SMB39AT3	
D208	8-719-421-15	DIODE MA8027-L	
		< EARTH TERMINAL >	
* EP100	1-537-738-21	TERMINAL, EARTH	
* EP101	1-537-738-21	TERMINAL, EARTH	
* EP102	1-537-738-21	TERMINAL, EARTH	
* EP103	1-537-738-21	TERMINAL, EARTH	
		< FERRITE BEAD >	
FB301	1-400-862-11	BEAD, FERRITE	
		< IC >	
IC101	6-705-695-01	IC CXD9775M	
IC102	6-705-695-01	IC CXD9775M	
IC103	6-705-695-01	IC CXD9775M	
IC104	6-705-695-01	IC CXD9775M	
IC105	6-705-695-01	IC CXD9775M	
IC106	6-705-695-01	IC CXD9775M	
IC108	6-705-979-01	IC CXD9788AR	
IC109	6-705-979-01	IC CXD9788AR	
IC110	6-705-979-01	IC CXD9788AR	
IC303	6-702-300-01	IC TK11118CSCL-G	
IC305	6-701-189-01	IC MC74VHC1GU04DFT1	
		< COIL/JUMPER RESISTOR >	
L100	1-469-525-11	INDUCTOR 10uH	
L101	1-456-813-11	COIL, AIR-CORE	
L102	1-456-813-11	COIL, AIR-CORE	
L103	1-456-813-11	COIL, AIR-CORE	
L104	1-456-813-11	COIL, AIR-CORE	
L105	1-456-813-11	COIL, AIR-CORE	
L106	1-456-813-11	COIL, AIR-CORE	
L111	1-456-813-11	COIL, AIR-CORE	
L112	1-456-813-11	COIL, AIR-CORE	
L113	1-456-813-11	COIL, AIR-CORE	
L114	1-456-813-11	COIL, AIR-CORE	
L115	1-456-813-11	COIL, AIR-CORE	
L116	1-456-813-11	COIL, AIR-CORE	
L121	1-456-680-11	INDUCTOR 10uH	
L122	1-456-680-11	INDUCTOR 10uH	
L123	1-456-680-11	INDUCTOR 10uH	
L124	1-456-680-11	INDUCTOR 10uH	
L125	1-456-680-11	INDUCTOR 10uH	
L126	1-456-680-11	INDUCTOR 10uH	
L131	1-456-680-11	INDUCTOR 10uH	
L132	1-456-680-11	INDUCTOR 10uH	
L133	1-456-680-11	INDUCTOR 10uH	
L134	1-456-680-11	INDUCTOR 10uH	
L135	1-456-680-11	INDUCTOR 10uH	
L136	1-456-680-11	INDUCTOR 10uH	
L301	1-216-295-00	SHORT CHIP 0	
L302	1-412-939-11	INDUCTOR 1uH	
L303	1-216-295-00	SHORT CHIP 0	
L304	1-216-295-00	SHORT CHIP 0	
L305	1-216-295-00	SHORT CHIP 0	
L306	1-216-295-00	SHORT CHIP 0	
L307	1-216-295-00	SHORT CHIP 0	
L308	1-216-295-00	SHORT CHIP 0	
L309	1-216-295-00	SHORT CHIP 0	
L310	1-216-295-00	SHORT CHIP 0	
L311	1-216-295-00	SHORT CHIP 0	
		< TRANSISTOR >	
Q101	8-729-602-36	TRANSISTOR 2SA1602-F	
Q102	8-729-602-36	TRANSISTOR 2SA1602-F	
Q103	8-729-602-36	TRANSISTOR 2SA1602-F	
Q104	8-729-602-36	TRANSISTOR 2SA1602-F	
Q105	8-729-602-36	TRANSISTOR 2SA1602-F	
Q106	8-729-602-36	TRANSISTOR 2SA1602-F	
Q107	8-729-602-36	TRANSISTOR 2SA1602-F	
Q108	8-729-602-36	TRANSISTOR 2SA1602-F	
Q109	8-729-602-36	TRANSISTOR 2SA1602-F	
Q110	8-729-602-36	TRANSISTOR 2SA1602-F	
Q111	8-729-602-36	TRANSISTOR 2SA1602-F	
Q112	8-729-602-36	TRANSISTOR 2SA1602-F	
Q301	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
		< RESISTOR >	
R109	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R110	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R113	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R114	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R116	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R119	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R121	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R122	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R123	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R124	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R129	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R139	1-216-864-11	SHORT CHIP 0	
R191	1-220-942-11	METAL CHIP 3.3 1% 1/4W	
R192	1-220-942-11	METAL CHIP 3.3 1% 1/4W	
R193	1-220-942-11	METAL CHIP 3.3 1% 1/4W	
R194	1-220-942-11	METAL CHIP 3.3 1% 1/4W	
R195	1-220-942-11	METAL CHIP 3.3 1% 1/4W	
R196	1-220-942-11	METAL CHIP 3.3 1% 1/4W	
R201	1-220-942-11	METAL CHIP 3.3 1% 1/4W	
R202	1-220-942-11	METAL CHIP 3.3 1% 1/4W	
R203	1-220-942-11	METAL CHIP 3.3 1% 1/4W	
R204	1-220-942-11	METAL CHIP 3.3 1% 1/4W	
R205	1-220-942-11	METAL CHIP 3.3 1% 1/4W	
R206	1-220-942-11	METAL CHIP 3.3 1% 1/4W	
R211	1-216-136-00	RES-CHIP 2.7 5% 1/8W	
R212	1-216-136-00	RES-CHIP 2.7 5% 1/8W	
R213	1-216-136-00	RES-CHIP 2.7 5% 1/8W	

Ref. No.	Part No.	Description			Remark
R214	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R215	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R216	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R221	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R222	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R223	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R224	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R225	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R226	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R229	1-216-821-11	METAL CHIP	1K	5%	1/10W
R231	1-216-821-11	METAL CHIP	1K	5%	1/10W
R233	1-216-821-11	METAL CHIP	1K	5%	1/10W
R235	1-216-821-11	METAL CHIP	1K	5%	1/10W
R237	1-216-821-11	METAL CHIP	1K	5%	1/10W
R300	1-216-817-11	METAL CHIP	470	5%	1/10W
R302	1-216-817-11	METAL CHIP	470	5%	1/10W
R303	1-216-817-11	METAL CHIP	470	5%	1/10W
R304	1-216-817-11	METAL CHIP	470	5%	1/10W
R305	1-216-817-11	METAL CHIP	470	5%	1/10W
R306	1-216-817-11	METAL CHIP	470	5%	1/10W
R308	1-216-817-11	METAL CHIP	470	5%	1/10W
R309	1-216-864-11	SHORT CHIP	0		
R310	1-216-809-11	METAL CHIP	100	5%	1/10W
R311	1-216-809-11	METAL CHIP	100	5%	1/10W
R313	1-216-809-11	METAL CHIP	100	5%	1/10W
R314	1-216-809-11	METAL CHIP	100	5%	1/10W
R315	1-216-803-11	METAL CHIP	33	5%	1/10W
R316	1-216-817-11	METAL CHIP	470	5%	1/10W
R317	1-216-817-11	METAL CHIP	470	5%	1/10W
R318	1-216-817-11	METAL CHIP	470	5%	1/10W
R319	1-216-809-11	METAL CHIP	100	5%	1/10W
R320	1-216-864-11	SHORT CHIP	0		
R321	1-216-864-11	SHORT CHIP	0		
R322	1-216-833-11	METAL CHIP	10K	5%	1/10W
R323	1-216-864-11	SHORT CHIP	0		
R324	1-216-864-11	SHORT CHIP	0		
R325	1-216-864-11	SHORT CHIP	0		
R326	1-216-864-11	SHORT CHIP	0		
R327	1-216-864-11	SHORT CHIP	0		
R328	1-216-864-11	SHORT CHIP	0		
R329	1-216-864-11	SHORT CHIP	0		
R344	1-216-817-11	METAL CHIP	470	5%	1/10W
R345	1-216-833-11	METAL CHIP	10K	5%	1/10W
R346	1-216-817-11	METAL CHIP	470	5%	1/10W
R347	1-216-833-11	METAL CHIP	10K	5%	1/10W
R348	1-216-817-11	METAL CHIP	470	5%	1/10W
R351	1-216-817-11	METAL CHIP	470	5%	1/10W
R361	1-216-845-11	METAL CHIP	100K	5%	1/10W
R362	1-216-845-11	METAL CHIP	100K	5%	1/10W
R363	1-216-845-11	METAL CHIP	100K	5%	1/10W
R364	1-216-845-11	METAL CHIP	100K	5%	1/10W
R365	1-216-845-11	METAL CHIP	100K	5%	1/10W
R366	1-216-845-11	METAL CHIP	100K	5%	1/10W
R371	1-216-864-11	SHORT CHIP	0		
R372	1-216-818-11	METAL CHIP	560	5%	1/10W
R373	1-216-818-11	METAL CHIP	560	5%	1/10W
R374	1-216-864-11	SHORT CHIP	0		
R375	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description			Remark
R376	1-216-818-11	METAL CHIP	560	5%	1/10W
R377	1-216-818-11	METAL CHIP	560	5%	1/10W
R378	1-216-864-11	SHORT CHIP	0		
R381	1-216-864-11	SHORT CHIP	0		
R382	1-216-818-11	METAL CHIP	560	5%	1/10W
R383	1-216-818-11	METAL CHIP	560	5%	1/10W
R384	1-216-864-11	SHORT CHIP	0		
R393	1-216-801-11	METAL CHIP	22	5%	1/10W
R394	1-216-857-11	METAL CHIP	1M	5%	1/10W
R395	1-216-845-11	METAL CHIP	100K	5%	1/10W
R396	1-216-809-11	METAL CHIP	100	5%	1/10W
R400	1-216-845-11	METAL CHIP	100K	5%	1/10W
R401	1-216-845-11	METAL CHIP	100K	5%	1/10W
R402	1-216-845-11	METAL CHIP	100K	5%	1/10W
R403	1-216-845-11	METAL CHIP	100K	5%	1/10W
R404	1-216-845-11	METAL CHIP	100K	5%	1/10W
R405	1-216-845-11	METAL CHIP	100K	5%	1/10W
R406	1-216-845-11	METAL CHIP	100K	5%	1/10W
R407	1-216-845-11	METAL CHIP	100K	5%	1/10W
R408	1-216-845-11	METAL CHIP	100K	5%	1/10W
R409	1-216-845-11	METAL CHIP	100K	5%	1/10W
R410	1-216-845-11	METAL CHIP	100K	5%	1/10W
R411	1-216-845-11	METAL CHIP	100K	5%	1/10W
R412	1-216-845-11	METAL CHIP	100K	5%	1/10W
R450	1-216-833-11	METAL CHIP	10K	5%	1/10W
R451	1-216-833-11	METAL CHIP	10K	5%	1/10W
R452	1-216-833-11	METAL CHIP	10K	5%	1/10W
R453	1-216-833-11	METAL CHIP	10K	5%	1/10W
R456	1-216-833-11	METAL CHIP	10K	5%	1/10W
R457	1-216-833-11	METAL CHIP	10K	5%	1/10W
R458	1-216-833-11	METAL CHIP	10K	5%	1/10W
R459	1-216-833-11	METAL CHIP	10K	5%	1/10W
R460	1-216-833-11	METAL CHIP	10K	5%	1/10W
R461	1-216-833-11	METAL CHIP	10K	5%	1/10W
R462	1-216-833-11	METAL CHIP	10K	5%	1/10W
R463	1-216-833-11	METAL CHIP	10K	5%	1/10W
R464	1-216-833-11	METAL CHIP	10K	5%	1/10W
R481	1-216-833-11	METAL CHIP	10K	5%	1/10W
R482	1-216-833-11	METAL CHIP	10K	5%	1/10W
R483	1-216-833-11	METAL CHIP	10K	5%	1/10W
R484	1-216-833-11	METAL CHIP	10K	5%	1/10W
R487	1-216-833-11	METAL CHIP	10K	5%	1/10W
R488	1-216-833-11	METAL CHIP	10K	5%	1/10W
R489	1-216-833-11	METAL CHIP	10K	5%	1/10W
R490	1-216-833-11	METAL CHIP	10K	5%	1/10W
R491	1-216-833-11	METAL CHIP	10K	5%	1/10W
R492	1-216-833-11	METAL CHIP	10K	5%	1/10W
R493	1-216-833-11	METAL CHIP	10K	5%	1/10W
R494	1-216-835-11	METAL CHIP	15K	5%	1/10W
R495	1-216-835-11	METAL CHIP	15K	5%	1/10W
R496	1-216-835-11	METAL CHIP	15K	5%	1/10W
R497	1-216-835-11	METAL CHIP	15K	5%	1/10W
R498	1-216-835-11	METAL CHIP	15K	5%	1/10W
R499	1-216-835-11	METAL CHIP	15K	5%	1/10W

D-AMP **DIGITAL**

Ref. No.	Part No.	Description			Remark
		< VIBRATOR >			
X450	1-795-286-21	VIBRATOR, CRYSTAL (49.152MHz)			
**********					
	A-1097-941-A	DIGITAL BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C1024	1-126-964-11	ELECT	10uF	20%	50V
C1025	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1026	1-126-947-11	ELECT	47uF	20%	35V
C1031	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1032	1-126-935-11	ELECT	470uF	20%	16V
C1033	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1034	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1035	1-126-935-11	ELECT	470uF	20%	16V
C1036	1-126-964-11	ELECT	10uF	20%	50V
C1065	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1066	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1067	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1068	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1069	1-126-964-11	ELECT	10uF	20%	50V
C1100	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1102	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1104	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1105	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1107	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1108	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1121	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1122	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1123	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1124	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1125	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1129	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1130	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1137	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1138	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1139	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1142	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1163	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1251	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1252	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1299	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1301	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1302	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1303	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1304	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1305	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1306	1-126-947-11	ELECT	47uF	20%	35V
C1308	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1309	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1310	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1312	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1313	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1314	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1315	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1330	1-126-964-11	ELECT	10uF	20%	50V
C1331	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V

Ref. No.	Part No.	Description			Remark
C1404	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1441	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C1443	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1483	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1501	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1502	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1503	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1504	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1505	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1506	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1507	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1508	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1509	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1510	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1511	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1513	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1514	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1515	1-126-935-11	ELECT	470uF	20%	16V
C1516	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1517	1-126-935-11	ELECT	470uF	20%	16V
C1518	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1519	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1520	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1521	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C1522	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C1525	1-126-933-11	ELECT	100uF	20%	16V
C1601	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1602	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1603	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1604	1-126-933-11	ELECT	100uF	20%	16V
C1605	1-126-964-11	ELECT	10uF	20%	50V
C1607	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1609	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1610	1-126-947-11	ELECT	47uF	20%	35V
C1620	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1651	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1652	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1653	1-126-964-11	ELECT	10uF	20%	50V
C1654	1-126-967-11	ELECT	47uF	20%	50V
C1655	1-126-964-11	ELECT	10uF	20%	50V
C1656	1-126-967-11	ELECT	47uF	20%	50V
C1657	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1659	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1700	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1701	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1702	1-126-964-11	ELECT	10uF	20%	50V
C1703	1-126-965-11	ELECT	22uF	20%	50V
C1704	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1705	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V
C1706	1-126-916-11	ELECT	1000uF	20%	6.3V
C1707	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1708	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C1709	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1710	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1711	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1712	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1713	1-162-927-11	CERAMIC CHIP	100PF	5%	50V

Ref. No.	Part No.	Description			Remark
C1714	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1715	1-126-964-11	ELECT	10uF	20%	50V
C1716	1-126-964-11	ELECT	10uF	20%	50V
C1717	1-126-964-11	ELECT	10uF	20%	50V
C1718	1-126-964-11	ELECT	10uF	20%	50V
C1719	1-126-964-11	ELECT	10uF	20%	50V
C1720	1-126-964-11	ELECT	10uF	20%	50V
C1721	1-126-933-11	ELECT	100uF	20%	16V
C1722	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1723	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1724	1-126-933-11	ELECT	100uF	20%	16V
C1725	1-126-964-11	ELECT	10uF	20%	50V
C1726	1-126-933-11	ELECT	100uF	20%	16V
C1727	1-126-964-11	ELECT	10uF	20%	50V
C1728	1-126-947-11	ELECT	47uF	20%	35V
C1729	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1730	1-126-964-11	ELECT	10uF	20%	50V
C1731	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1732	1-126-947-11	ELECT	47uF	20%	35V
C1936	1-126-967-11	ELECT	47uF	20%	50V
		< CONNECTOR >			
CNP110	1-691-773-11	PLUG (MICRO CONNECTOR) 11P			
CNS192	1-568-826-11	CONNECTOR, FFC 7P			
CNS193	1-784-778-11	CONNECTOR, FFC 17P			
CNS195	1-569-321-11	SOCKET, CONNECTOR 15P			
CNS1101	1-779-293-11	CONNECTOR, FFC (LIF (NON-ZIF)) 25P			
		< DIODE >			
D1001	8-719-210-39	DIODE EC10QS-04			
D1003	8-719-049-09	DIODE 1SS367-T3SONY			
D1004	8-719-049-09	DIODE 1SS367-T3SONY			
D1006	8-719-988-61	DIODE 1SS355TE-17			
D1103	8-719-988-61	DIODE 1SS355TE-17			
D1301	8-719-988-61	DIODE 1SS355TE-17			
D1700	8-719-988-61	DIODE 1SS355TE-17			
		< FERRITE BEAD >			
FB1101	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1102	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1301	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1302	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1305	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1308	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1312	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1313	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1501	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1502	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1503	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1511	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1700	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1701	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1702	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1703	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1704	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB1705	1-414-235-22	INDUCTOR, FERRITE BEAD			

Ref. No.	Part No.	Description			Remark
		< EARTH TERMINAL >			
* G1000	1-537-738-21	TERMINAL, EARTH			
		< IC >			
IC1025	8-759-071-48	IC TA7807S			
IC1031	6-703-547-01	IC TA7805LS			
IC1034	8-759-835-63	IC NJM2391DL1-26 (TE1)			
IC1035	6-703-547-01	IC TA7805LS			
IC1111	6-702-913-01	IC S-80929CNMC-G8ZT2G			
IC1131	(Not supplied)	IC BR24L16F-WE2			
IC1301	8-759-825-15	IC LC89056W-E			
IC1501	6-705-843-01	IC CXD9720BQ			
IC1502	6-704-037-01	IC IC61LV6416-15TG			
IC1503	8-759-546-74	IC TC7WH157FU (TE12R)			
IC1600	8-759-710-97	IC NJM4565M-D			
IC1601	6-804-834-01	IC MB90488BPF-G-111E1			
IC1602	8-759-560-56	IC PCM1800E/2K			
IC1651	8-759-491-47	IC TC74VHCT08AFT (EL)			
IC1700	6-600-466-01	IC TORX147L (OPT IN SA-CD/CD)			
IC1701	6-600-466-01	IC TORX147L (OPT IN VIDEO 2)			
IC1702	8-759-242-70	IC TC7WU04F			
IC1710	8-759-385-76	IC MC14052 BDR2			
IC1711	6-702-771-01	IC TA78033LS			
IC1712	6-703-550-01	IC TA7809LS			
		< JACK >			
J1700	1-793-446-21	JACK, PIN 1P (COAX IN DVD)			
J1710	1-784-920-11	JACK, PIN 6P (SA-CD/CD, VIDEO 1, VIDEO 2 AUDIO IN)			
		< JUMPER RESISTOR >			
JR1010	1-211-950-11	SHORT CHIP	0		
JR1011	1-211-950-11	SHORT CHIP	0		
JR1101	1-216-864-11	SHORT CHIP	0		
JR1102	1-216-864-11	SHORT CHIP	0		
JR1104	1-216-864-11	SHORT CHIP	0		
JR1106	1-216-864-11	SHORT CHIP	0		
		< COIL >			
L1600	1-469-525-11	INDUCTOR	10uH		
L1603	1-469-525-11	INDUCTOR	10uH		
L1604	1-469-525-11	INDUCTOR	10uH		
		< TRANSISTOR >			
Q1710	8-729-901-00	TRANSISTOR	DTC124EK		
Q1711	8-729-901-00	TRANSISTOR	DTC124EK		
		< RESISTOR >			
R1041	1-216-809-11	METAL CHIP	100	5%	1/10W
R1043	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1044	1-216-809-11	METAL CHIP	100	5%	1/10W
R1049	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1053	1-216-809-11	METAL CHIP	100	5%	1/10W
R1054	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1055	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1056	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1058	1-216-813-11	METAL CHIP	220	5%	1/10W

DIGITAL

Ref. No.	Part No.	Description			Remark
R1059	1-216-813-11	METAL CHIP	220	5%	1/10W
R1070	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1071	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1072	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1073	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1074	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1076	1-216-809-11	METAL CHIP	100	5%	1/10W
R1078	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1079	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1081	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1082	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1083	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1085	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1086	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1087	1-216-809-11	METAL CHIP	100	5%	1/10W
R1088	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1089	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1091	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1092	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1096	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1097	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1113	1-216-809-11	METAL CHIP	100	5%	1/10W
R1115	1-216-809-11	METAL CHIP	100	5%	1/10W
R1119	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1120	1-216-809-11	METAL CHIP	100	5%	1/10W
R1121	1-216-809-11	METAL CHIP	100	5%	1/10W
R1122	1-216-809-11	METAL CHIP	100	5%	1/10W
R1123	1-216-809-11	METAL CHIP	100	5%	1/10W
R1124	1-216-809-11	METAL CHIP	100	5%	1/10W
R1125	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1126	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1127	1-216-809-11	METAL CHIP	100	5%	1/10W
R1128	1-216-809-11	METAL CHIP	100	5%	1/10W
R1129	1-216-809-11	METAL CHIP	100	5%	1/10W
R1134	1-216-809-11	METAL CHIP	100	5%	1/10W
R1135	1-216-809-11	METAL CHIP	100	5%	1/10W
R1136	1-216-809-11	METAL CHIP	100	5%	1/10W
R1137	1-216-809-11	METAL CHIP	100	5%	1/10W
R1140	1-216-809-11	METAL CHIP	100	5%	1/10W
R1142	1-216-809-11	METAL CHIP	100	5%	1/10W
R1143	1-216-809-11	METAL CHIP	100	5%	1/10W
R1144	1-216-809-11	METAL CHIP	100	5%	1/10W
R1149	1-216-809-11	METAL CHIP	100	5%	1/10W
R1150	1-216-809-11	METAL CHIP	100	5%	1/10W
R1151	1-216-809-11	METAL CHIP	100	5%	1/10W
R1158	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1159	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1160	1-216-809-11	METAL CHIP	100	5%	1/10W
R1161	1-216-809-11	METAL CHIP	100	5%	1/10W
R1162	1-216-809-11	METAL CHIP	100	5%	1/10W
R1163	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1165	1-216-864-11	SHORT CHIP	0		
R1166	1-216-809-11	METAL CHIP	100	5%	1/10W
R1167	1-216-809-11	METAL CHIP	100	5%	1/10W
R1168	1-216-809-11	METAL CHIP	100	5%	1/10W
R1169	1-216-809-11	METAL CHIP	100	5%	1/10W

Ref. No.	Part No.	Description			Remark
R1170	1-216-809-11	METAL CHIP	100	5%	1/10W
R1171	1-216-809-11	METAL CHIP	100	5%	1/10W
R1172	1-216-809-11	METAL CHIP	100	5%	1/10W
R1173	1-216-809-11	METAL CHIP	100	5%	1/10W
R1174	1-216-809-11	METAL CHIP	100	5%	1/10W
R1175	1-216-809-11	METAL CHIP	100	5%	1/10W
R1178	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1179	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1180	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1181	1-216-809-11	METAL CHIP	100	5%	1/10W
R1182	1-216-809-11	METAL CHIP	100	5%	1/10W
R1183	1-216-809-11	METAL CHIP	100	5%	1/10W
R1184	1-216-809-11	METAL CHIP	100	5%	1/10W
R1185	1-216-809-11	METAL CHIP	100	5%	1/10W
R1186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1187	1-216-809-11	METAL CHIP	100	5%	1/10W
R1188	1-216-809-11	METAL CHIP	100	5%	1/10W
R1189	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1190	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1191	1-216-809-11	METAL CHIP	100	5%	1/10W
R1192	1-216-809-11	METAL CHIP	100	5%	1/10W
R1193	1-216-864-11	SHORT CHIP	0		
R1195	1-216-809-11	METAL CHIP	100	5%	1/10W
R1201	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1251	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1252	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1260	1-216-864-11	SHORT CHIP	0		
R1261	1-216-864-11	SHORT CHIP	0		
R1301	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R1302	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1303	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1304	1-216-809-11	METAL CHIP	100	5%	1/10W
R1305	1-216-817-11	METAL CHIP	470	5%	1/10W
R1306	1-216-801-11	METAL CHIP	22	5%	1/10W
R1307	1-216-809-11	METAL CHIP	100	5%	1/10W
R1308	1-216-809-11	METAL CHIP	100	5%	1/10W
R1309	1-216-809-11	METAL CHIP	100	5%	1/10W
R1310	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1311	1-216-809-11	METAL CHIP	100	5%	1/10W
R1312	1-216-809-11	METAL CHIP	100	5%	1/10W
R1313	1-216-809-11	METAL CHIP	100	5%	1/10W
R1314	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1315	1-216-809-11	METAL CHIP	100	5%	1/10W
R1316	1-216-809-11	METAL CHIP	100	5%	1/10W
R1317	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1318	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1360	1-216-809-11	METAL CHIP	100	5%	1/10W
R1362	1-216-809-11	METAL CHIP	100	5%	1/10W
R1501	1-216-809-11	METAL CHIP	100	5%	1/10W
R1502	1-216-809-11	METAL CHIP	100	5%	1/10W
R1503	1-216-813-11	METAL CHIP	220	5%	1/10W
R1504	1-216-809-11	METAL CHIP	100	5%	1/10W
R1505	1-216-809-11	METAL CHIP	100	5%	1/10W
R1506	1-216-809-11	METAL CHIP	100	5%	1/10W
R1508	1-216-809-11	METAL CHIP	100	5%	1/10W
R1509	1-216-809-11	METAL CHIP	100	5%	1/10W
R1511	1-216-809-11	METAL CHIP	100	5%	1/10W
R1512	1-216-821-11	METAL CHIP	1K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R1513	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1514	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1515	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1517	1-216-813-11	METAL CHIP	220	5%	1/10W
R1518	1-216-813-11	METAL CHIP	220	5%	1/10W
R1519	1-216-813-11	METAL CHIP	220	5%	1/10W
R1520	1-216-813-11	METAL CHIP	220	5%	1/10W
R1521	1-216-813-11	METAL CHIP	220	5%	1/10W
R1522	1-216-813-11	METAL CHIP	220	5%	1/10W
R1523	1-216-813-11	METAL CHIP	220	5%	1/10W
R1525	1-216-813-11	METAL CHIP	220	5%	1/10W
R1526	1-216-813-11	METAL CHIP	220	5%	1/10W
R1527	1-216-813-11	METAL CHIP	220	5%	1/10W
R1528	1-216-813-11	METAL CHIP	220	5%	1/10W
R1529	1-216-813-11	METAL CHIP	220	5%	1/10W
R1532	1-216-813-11	METAL CHIP	220	5%	1/10W
R1533	1-216-813-11	METAL CHIP	220	5%	1/10W
R1534	1-216-813-11	METAL CHIP	220	5%	1/10W
R1535	1-216-813-11	METAL CHIP	220	5%	1/10W
R1536	1-216-813-11	METAL CHIP	220	5%	1/10W
R1537	1-216-813-11	METAL CHIP	220	5%	1/10W
R1538	1-216-813-11	METAL CHIP	220	5%	1/10W
R1539	1-216-813-11	METAL CHIP	220	5%	1/10W
R1540	1-216-813-11	METAL CHIP	220	5%	1/10W
R1541	1-216-813-11	METAL CHIP	220	5%	1/10W
R1542	1-216-813-11	METAL CHIP	220	5%	1/10W
R1543	1-216-813-11	METAL CHIP	220	5%	1/10W
R1544	1-216-813-11	METAL CHIP	220	5%	1/10W
R1545	1-216-813-11	METAL CHIP	220	5%	1/10W
R1546	1-216-813-11	METAL CHIP	220	5%	1/10W
R1547	1-216-813-11	METAL CHIP	220	5%	1/10W
R1548	1-216-813-11	METAL CHIP	220	5%	1/10W
R1549	1-216-813-11	METAL CHIP	220	5%	1/10W
R1550	1-216-813-11	METAL CHIP	220	5%	1/10W
R1551	1-216-813-11	METAL CHIP	220	5%	1/10W
R1552	1-216-813-11	METAL CHIP	220	5%	1/10W
R1553	1-216-813-11	METAL CHIP	220	5%	1/10W
R1554	1-216-813-11	METAL CHIP	220	5%	1/10W
R1555	1-216-813-11	METAL CHIP	220	5%	1/10W
R1556	1-216-809-11	METAL CHIP	100	5%	1/10W
R1570	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1571	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1572	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1573	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1574	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1601	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1602	1-216-817-11	METAL CHIP	470	5%	1/10W
R1603	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1604	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1605	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1606	1-216-809-11	METAL CHIP	100	5%	1/10W
R1607	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1608	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1610	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1635	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1636	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1651	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1652	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1653	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1654	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1700	1-216-809-11	METAL CHIP	100	5%	1/10W
R1701	1-218-285-11	METAL CHIP	75	5%	1/10W
R1702	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1703	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1704	1-216-854-11	METAL CHIP	560K	5%	1/10W
R1705	1-216-809-11	METAL CHIP	100	5%	1/10W
R1706	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1707	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1708	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1709	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1710	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1711	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1712	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1713	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1714	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1715	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1716	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1717	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1718	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1719	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1720	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1721	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1722	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1723	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1724	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1725	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1726	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1727	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1728	1-216-809-11	METAL CHIP	100	5%	1/10W
R1729	1-216-809-11	METAL CHIP	100	5%	1/10W
R1730	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1731	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1732	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1733	1-216-833-11	METAL CHIP	10K	5%	1/10W
		< VIBRATOR >			
X1101	1-813-448-21	PIEZOELECTRIC OSCILLATOR (24MHz)			
X1301	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)			
X1502	1-813-276-21	QUARTZ CRYSTAL (13.9MHz)			
**********					
	A-1097-936-A	DISPLAY BOARD, COMPLETE			
		**********			
	4-246-476-01	HOLDER (FL)			
*	4-921-941-01	CUSHION (FL)			
		< CAPACITOR >			
C700	1-126-795-11	ELECT	10uF	20%	50V
C701	1-127-880-11	CERAMIC	0.022uF	10%	50V
C702	1-127-876-11	CERAMIC	0.01uF	10%	50V
C703	1-126-795-11	ELECT	10uF	20%	50V
C704	1-127-888-11	CERAMIC	0.1uF	10%	50V
C705	1-127-888-11	CERAMIC	0.1uF	10%	50V
C706	1-126-795-11	ELECT	10uF	20%	50V
C707	1-127-888-11	CERAMIC	0.1uF	10%	50V

DISPLAY **LINE FILTER** **SMPS**

Ref. No.	Part No.	Description			Remark
C708	1-126-795-11	ELECT	10uF	20%	50V
C709	1-127-888-11	CERAMIC	0.1uF	10%	50V
C762	1-128-813-11	CERAMIC	220PF	5%	50V
C763	1-128-813-11	CERAMIC	220PF	5%	50V
C764	1-128-821-11	CERAMIC	1000PF	5%	50V
		< CONNECTOR >			
CNP702	1-784-924-11	PIN, CONNECTOR 8P			
CNS703	1-784-778-11	CONNECTOR, FFC 17P			
		< DIODE >			
D700	8-719-991-33	DIODE 1SS133T-77			
D701	8-719-991-33	DIODE 1SS133T-77			
D702	8-719-991-33	DIODE 1SS133T-77			
D703	8-719-991-33	DIODE 1SS133T-77			
D704	8-719-068-28	DIODE HZ6.8BP-TK			
D705	8-719-075-59	LED SELS5B23C-TP15 (VIDEO 1)			
D706	8-719-075-59	LED SELS5B23C-TP15 (VIDEO 2)			
D707	8-719-075-59	LED SELS5B23C-TP15 (SA-CD/CD)			
D708	8-719-075-59	LED SELS5B23C-TP15 (DVD)			
D710	8-719-075-59	LED SELS5B23C-TP15 (TUNER)			
		< FLUORESCENT INDICATOR TUBE >			
FL700	1-519-778-11	VACUUM FLUORESCENT DISPLAYS			
		< IC >			
IC700	8-759-643-83	IC uPD16315GB-3BS			
		< COIL >			
L700	1-410-517-11	INDUCTOR	47uH		
		< TRANSISTOR >			
Q700	8-729-045-21	TRANSISTOR	2SD1513TP-LK		
Q701	8-729-045-21	TRANSISTOR	2SD1513TP-LK		
Q710	8-729-029-86	TRANSISTOR	DTC124ESA		
		< RESISTOR >			
R700	1-249-420-11	CARBON	1.8K	5%	1/4W
R701	1-249-429-11	CARBON	10K	5%	1/4W
R702	1-249-413-11	CARBON	470	5%	1/4W
R703	1-249-413-11	CARBON	470	5%	1/4W
R705	1-249-393-11	CARBON	10	5%	1/4W
R706	1-249-393-11	CARBON	10	5%	1/4W
R710	1-249-409-11	CARBON	220	5%	1/4W
R750	1-249-440-11	CARBON	82K	5%	1/4W
R751	1-249-407-11	CARBON	150	5%	1/4W
		< SWITCH >			
S706	1-771-349-21	SWITCH, KEYBOARD (I/⏻)			
		< TRANSFORMER >			
T700	1-443-300-11	TRANSFORMER, DC-DC CONVERTER			

****

Ref. No.	Part No.	Description			Remark
		LINE FILTER BOARD			
		**********			
		< CAPACITOR >			
⚠C551	1-117-923-11	FILM	0.33uF	20%	275V
		< CONNECTOR >			
CNP502	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
		< LINE FILTER >			
⚠LF501	1-456-081-21	COIL, LINE FILTER			

****

	A-1097-929-A	SMPS BOARD, COMPLETE			
		**********			
	1-533-293-11	FUSE HOLDER			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
	7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3			
		< CAPACITOR >			
C801	1-130-959-00	FILM	0.047uF	5%	400V
C802	1-162-995-11	CERAMIC CHIP	0.022uF		50V
C803	1-100-924-21	ELECT	2200uF	20%	35V
C804	1-100-924-21	ELECT	2200uF	20%	35V
C805	1-100-924-21	ELECT	2200uF	20%	35V
C806	1-131-696-11	FILM	0.22uF	5%	50V
C808	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C809	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C810	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C811	1-126-965-11	ELECT	22uF	20%	50V
C820	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C823	1-128-947-31	ELECT	3300uF	20%	10V
C824	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C827	1-128-950-21	ELECT	1000uF	20%	16V
C828	1-137-649-31	ELECT	220uF	20%	10V
C829	1-126-960-11	ELECT	1uF	20%	50V
C830	1-128-953-31	ELECT	470uF	20%	25V
C831	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C832	1-126-964-11	ELECT	10uF	20%	50V
C833	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C834	1-126-964-11	ELECT	10uF	20%	50V
⚠C902	1-113-920-11	CERAMIC	0.0022uF	20%	250V
⚠C903	1-113-920-11	CERAMIC	0.0022uF	20%	250V
⚠C904	1-113-920-11	CERAMIC	0.0022uF	20%	250V
⚠C905	1-104-705-51	FILM (POWER)	0.1uF	20%	25V
⚠C910	1-165-911-21	ELECT	390uF	20%	450V
⚠C912	1-126-947-11	ELECT	47uF	20%	35V
⚠C913	1-104-332-11	CERAMIC	470PF	10%	2KV
⚠C916	1-126-964-11	ELECT	10uF	20%	50V
⚠C917	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
⚠C918	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
⚠C919	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
⚠C920	1-117-452-11	FILM	3300PF	5%	630V
⚠C930	1-113-907-51	CERAMIC	0.0022uF	20%	250V
⚠C931	1-126-965-11	ELECT	22uF	20%	50V
⚠C932	1-136-270-11	FILM	47PF	5%	630V
⚠C933	1-126-961-11	ELECT	2.2uF	20%	50V
⚠C934	1-162-963-11	CERAMIC CHIP	680PF	10%	50V

Ref. No.	Part No.	Description			Remark
⚠C935	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
⚠C936	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
⚠C937	1-126-960-11	ELECT	1uF	20%	50V
⚠C938	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
		< CONNECTOR >			
CNP811	1-564-506-11	PLUG, CONNECTOR 3P			
CNP900	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
* CNP901	1-564-321-21	PIN, CONNECTOR (3.96mm PITCH) 2P			
		< DIODE >			
D801	8-719-076-60	DIODE FCH20A15			
D811	8-719-978-33	DIODE DTZ-TT11-6.8B			
D820	8-719-210-39	DIODE EC10QS-04			
D821	8-719-072-11	DIODE AL01Z-WS			
D822	8-719-085-36	DIODE 11EQS04-TB5			
D823	8-719-072-11	DIODE AL01Z-WS			
D830	8-719-085-36	DIODE 11EQS04-TB5			
D831	8-719-085-36	DIODE 11EQS04-TB5			
⚠D901	6-500-392-01	DIODE RBV-606-01			
⚠D902	6-500-593-21	DIODE 10EDB60-TB5			
⚠D903	6-500-593-21	DIODE 10EDB60-TB5			
⚠D910	8-719-988-61	DIODE 1SS355TE-17			
⚠D911	8-719-988-61	DIODE 1SS355TE-17			
⚠D912	8-719-988-61	DIODE 1SS355TE-17			
⚠D913	8-719-988-61	DIODE 1SS355TE-17			
⚠D914	8-719-083-67	DIODE UDZSTE-1720B			
⚠D915	8-719-988-61	DIODE 1SS355TE-17			
⚠D916	8-719-083-83	DIODE UDZS-TE17-15B			
⚠D917	6-500-108-01	DIODE EP05FA20			
⚠D918	8-719-988-61	DIODE 1SS355TE-17			
⚠D919	8-719-083-67	DIODE UDZSTE-1720B			
⚠D920	8-719-083-67	DIODE UDZSTE-1720B			
⚠D921	6-500-241-01	DIODE SARS03			
⚠D930	8-719-988-61	DIODE 1SS355TE-17			
⚠D931	8-719-988-61	DIODE 1SS355TE-17			
⚠D932	6-500-108-01	DIODE EP05FA20			
⚠D933	8-719-069-55	DIODE UDZSTE-175.6B			
⚠D934	8-719-069-55	DIODE UDZSTE-175.6B			
⚠D935	8-719-083-67	DIODE UDZSTE-1720B			
		< EARTH TERMINAL >			
* EP801	1-537-738-21	TERMINAL, EARTH			
* EP901	1-537-738-21	TERMINAL, EARTH			
		< IC >			
IC801	6-700-388-01	IC SE-B2			
IC802	8-759-510-71	IC BA10358F-E2			
IC820	6-700-813-01	IC SI-8033JF			
IC821	6-700-944-01	IC SI-8120S			
IC822	6-705-642-01	IC SI-3025KS-TL			
⚠IC910	6-707-742-11	IC STR-F6168-LF1352			
⚠IC930	6-704-805-01	IC STR-A6159			
		< COIL >			
L801	1-424-860-11	INDUCTOR	10uH		
L820	1-416-040-11	INDUCTOR	220uH		
L821	1-416-040-11	INDUCTOR	220uH		
L825	1-414-398-11	INDUCTOR	10uH		
L827	1-414-398-11	INDUCTOR	10uH		
L828	1-414-398-11	INDUCTOR	10uH		
L829	1-414-398-11	INDUCTOR	10uH		
L830	1-414-398-11	INDUCTOR	10uH		
		< LINE FILTER >			
⚠LF902	1-428-905-11	COIL, LINE FILTER			
		< IC >			
⚠PC801	8-749-019-04	IC TLP421			
⚠PC802	8-749-019-04	IC TLP421			
⚠PC803	8-749-019-04	IC TLP421			
		< TRANSISTOR >			
Q801	8-729-901-81	TRANSISTOR	2SC2412K-T-146-R		
Q802	8-729-901-81	TRANSISTOR	2SC2412K-T-146-R		
Q803	8-729-901-81	TRANSISTOR	2SC2412K-T-146-R		
Q820	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q821	8-729-901-81	TRANSISTOR	2SC2412K-T-146-R		
Q822	8-729-901-81	TRANSISTOR	2SC2412K-T-146-R		
⚠Q910	8-729-903-46	TRANSISTOR	2SB1132-P		
⚠Q911	8-729-032-65	TRANSISTOR	2SD2396H		
⚠Q930	8-729-901-81	TRANSISTOR	2SC2412K-T-146-R		
⚠Q931	8-729-901-81	TRANSISTOR	2SC2412K-T-146-R		
		< RESISTOR >			
⚠R501	1-219-237-11	SOLID	3.3M	20%	1/2W
R801	1-216-833-11	METAL CHIP	10K	5%	1/10W
R802	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R803	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R804	1-216-833-11	METAL CHIP	10K	5%	1/10W
R805	1-216-817-11	METAL CHIP	470	5%	1/10W
R806	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R807	1-216-849-11	METAL CHIP	220K	5%	1/10W
R808	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R809	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R810	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R811	1-216-841-11	METAL CHIP	47K	5%	1/10W
R812	1-216-821-11	METAL CHIP	1K	5%	1/10W
R813	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R814	1-216-857-11	METAL CHIP	1M	5%	1/10W
R815	1-216-833-11	METAL CHIP	10K	5%	1/10W
R820	1-216-809-11	METAL CHIP	100	5%	1/10W
R821	1-216-809-11	METAL CHIP	100	5%	1/10W
R823	1-216-864-11	SHORT CHIP	0		
R824	1-216-864-11	SHORT CHIP	0		
R826	1-216-817-11	METAL CHIP	470	5%	1/10W
R827	1-216-834-11	METAL CHIP	12K	5%	1/10W
R828	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R829	1-216-845-11	METAL CHIP	100K	5%	1/10W
R830	1-216-851-11	METAL CHIP	330K	5%	1/10W
⚠R903	1-216-849-11	METAL CHIP	220K	5%	1/10W
⚠R904	1-216-849-11	METAL CHIP	220K	5%	1/10W
⚠R905	1-216-849-11	METAL CHIP	220K	5%	1/10W
⚠R911	1-216-363-00	METAL OXIDE	0.33	5%	2W F

SMPS **SPK** **VOLUME**

Ref. No.	Part No.	Description			Remark
⚠R912	1-214-789-00	METAL	0.1	10%	5W F
⚠R913	1-216-813-11	METAL CHIP	220	5%	1/10W
⚠R914	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
⚠R915	1-216-845-11	METAL CHIP	100K	5%	1/10W
⚠R916	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
⚠R917	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠R918	1-216-797-11	METAL CHIP	10	5%	1/10W
⚠R919	1-216-839-11	METAL CHIP	33K	5%	1/10W
⚠R920	1-215-928-11	METAL OXIDE	68K	5%	3W F
⚠R921	1-215-928-11	METAL OXIDE	68K	5%	3W F
⚠R930	1-216-809-11	METAL CHIP	100	5%	1/10W
⚠R931	1-249-389-11	CARBON	4.7	5%	1/4W
⚠R932	1-216-797-11	METAL CHIP	10	5%	1/10W
⚠R933	1-249-389-11	CARBON	4.7	5%	1/4W
⚠R934	1-216-821-11	METAL CHIP	1K	5%	1/10W
⚠R935	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠R936	1-216-845-11	METAL CHIP	100K	5%	1/10W
⚠R937	1-216-845-11	METAL CHIP	100K	5%	1/10W
⚠R938	1-216-857-11	METAL CHIP	1M	5%	1/10W
⚠R939	1-216-845-11	METAL CHIP	100K	5%	1/10W
R940	1-216-821-11	METAL CHIP	1K	5%	1/10W
⚠R950	1-216-833-11	METAL CHIP	10K	5%	1/10W
		< TRANSFORMER >			
⚠T910	1-443-590-11	TRANSFORMER, DC CONVERTER			
⚠T920	1-443-591-11	TRANSFORMER, DC CONVERTER			
		< THERMISTOR >			
⚠TH901	1-803-916-11	THERMISTOR, NTC			
**********					
		SPK BOARD			
		**********			
		< CAPACITOR >			
C500	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C501	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C502	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C503	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C504	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C505	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C506	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C507	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C508	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C509	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C510	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C511	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C512	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C513	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C514	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C515	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
		< CONNECTOR >			
CNP500	1-691-770-11	PLUG (MICRO CONNECTOR) 8P			
CNP510	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			

Ref. No.	Part No.	Description			Remark
		< TERMINAL >			
TM500	1-780-266-11	TERMINAL BOARD (FRONT/CENTER/SURR/ SUBWOOFER SPEAKERS)			
**********					
		VOLUME BOARD			
		**********			
		< CAPACITOR >			
C710	1-124-589-11	ELECT	47uF	20%	16V
		< IC >			
IC701	6-600-309-01	IC RPM7240-H9			
		< RESISTOR >			
R752	1-247-807-31	CARBON	100	5%	1/4W
R753	1-249-393-11	CARBON	10	5%	1/4W
R754	1-249-417-11	CARBON	1K	5%	1/4W
R755	1-249-417-11	CARBON	1K	5%	1/4W
R756	1-249-417-11	CARBON	1K	5%	1/4W
		< VARIABLE RESISTOR >			
RV700	1-418-725-51	ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)			
		< SWITCH >			
S700	1-771-349-21	SWITCH, KEYBOARD (PRESET TUNING –)			
S701	1-771-349-21	SWITCH, KEYBOARD (PRESET TUNING +)			
S702	1-771-349-21	SWITCH, KEYBOARD (MUTING)			
S703	1-771-349-21	SWITCH, KEYBOARD (SOUND FIELD)			
S704	1-771-349-21	SWITCH, KEYBOARD (□□ PL II)			
S705	1-771-349-21	SWITCH, KEYBOARD (INPUT SELECT)			
**********					
		MISCELLANEOUS			
		**********			
⚠7	1-777-071-83	CORD, POWER			
* 11	1-400-052-11	FILTER, CLAMP (FERRITE CORE)			
54	1-828-650-11	WIRE (FLAT TYPE) (25 CORE)			
57	1-828-980-11	WIRE (FLAT TYPE) (15 CORE)			
58	1-828-995-11	WIRE (FLAT TYPE) (17 CORE)			
⚠F901	1-532-465-33	FUSE (T3.15A/250V)			
TN1	1-693-676-11	TUNER			
**********					
		ACCESSORIES			
		**********			
⚠	1-770-019-61	ADAPTOR, CONVERSION PLUG (UK)			

MEMO

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2005.06	New
1.1	2006.03	Addition of Ref. No. 59 on EXPLODED VIEWS (SPM-06016)