

STR-K785

SERVICE MANUAL

Ver. 1.2 2007.07

AEP Model
E Model
Australian Model



- STR-K785 is the tuner and the amplifier section in HT-DDW785 and HTP-78DW.

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“DTS” and “DTS Digital Surround” are registered trademarks of Digital Theater Systems, Inc.

SPECIFICATIONS

Amplifier section

Power Output¹⁾

Models of area code SP and SP6

Stereo mode (rated) (6 ohms 1 kHz, THD 1%)
70 W + 70 W

Surround mode²⁾ (reference) (6 ohms 1 kHz, THD 10%)

RMS output
FRONT: 100 W per channel
CENTER: 100 W
SURROUND: 100 W per channel

Models of area code AUS

Stereo mode (rated) (6 ohms 120 Hz – 20 kHz, THD 0.09%)

50 W + 50 W

Stereo mode (rated) (6 ohms 1 kHz, THD 1%)
85 W + 85 W

Surround mode²⁾ (reference) (6 ohms 1 kHz, THD 10%)

RMS output
FRONT: 122 W per channel
CENTER: 122 W
SURROUND: 122 W per channel

Models of area code AEP

Stereo mode (rated) (6 ohms, 1 kHz, THD 1%)
85 W + 85 W

Surround mode²⁾ (reference) (6 ohms, 1 kHz, THD 10%)

RMS output
FRONT: 122 W per channel
CENTER: 122 W
SURROUND: 122 W per channel

¹⁾Measured under the following conditions:

Area code	Power requirements
SP, SP6	230 V AC, 50 Hz
AUS	240 V AC, 50 Hz
AEP	230 V AC, 50 Hz

²⁾Reference power output for front, center and surround speakers. Depending on the sound field settings and the source, there may be no sound output.

Inputs	
Analog	Sensitivity: 800 mV / 50 kohms
Digital (Coaxial)	Impedance: 75 ohms
Outputs (Analog)	
SUB WOOFER	Voltage: 2 V / 1 kohm
Tone	
Gain levels	±6 dB, 1 dB step
Reproduction frequency range:	28 – 20,000 Hz

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	
With 9-kHz tuning scale:	531 - 1,602 kHz
Antenna	Loop antenna
Intermediate Frequency	450 kHz

Video section

Inputs/Outputs	
Video:	1 Vp-p, 75 ohms
COMPONENT VIDEO:	
Y:	1 Vp-p, 75 ohms
P _B /C _B :	0.7 Vp-p, 75 ohms
P _R /C _R :	0.7 Vp-p, 75 ohms
	80 MHz HD Pass Through

— Continued on next page —

MULTI CHANNEL AV RECEIVER

General

Power requirements

Area code	Power requirements
AUS	240 V AC, 50 Hz
SP, SP6	230 – 240 V AC, 50/60 Hz
AEP	230 V AC, 50/60 Hz

Power consumption

Area code	Power consumption
AUS/AEP	190 W
SP, SP6	170 W

Power consumption (during standby mode)
0.3 W

Dimensions (w/h/d) (Approx.)
430 × 145 × 300 mm
including projecting parts
and controls

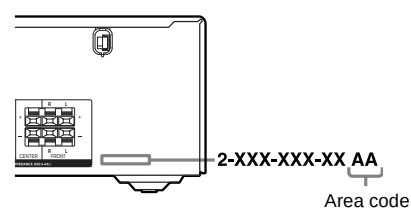
Mass (Approx.) 7.5 kg

Design and specifications are subject to
change without notice.

- Abbreviation
AUS : Australian model
SP : Singapore model
SP6 : Singapore and Malaysia models

About area codes

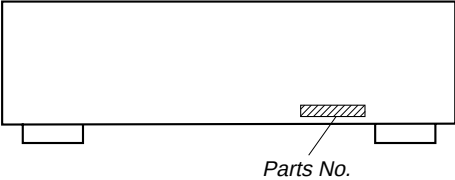
The area code of the receiver you purchased is
shown on the lower right portion of the rear panel
(see the illustration below).



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

MODEL IDENTIFICATION

– Rear Panel –



Model	Part No.
SP and SP6 models	2-662-452-3□
AUS model	2-662-452-4□
AEP model	2-662-452-5□

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.

UNLEADED SOLDER

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

 : LEAD FREE MARK

Unleaded solder has the following characteristics.

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

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.

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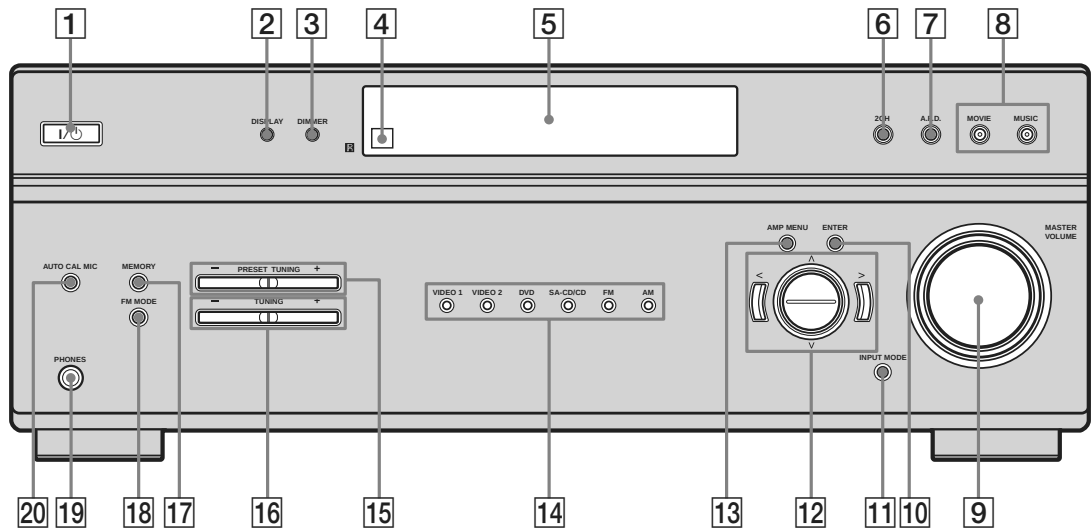
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SECTION 1
GENERAL

This section is extracted
from instruction manual.

Receiver

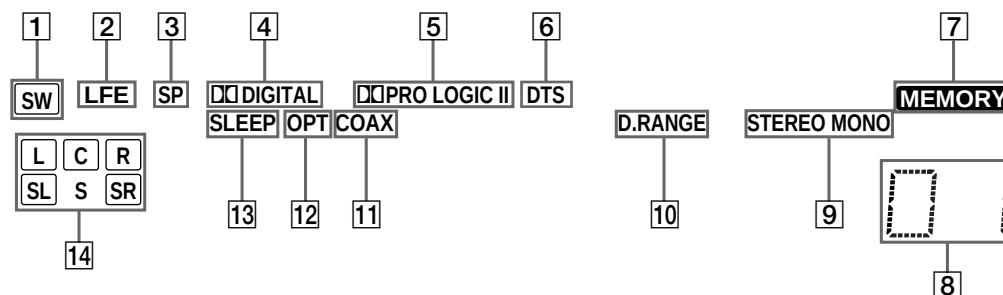
Front panel



Name	Function
1 I/O	Press to turn the receiver on or off (page 23, 30, 31, 44).
2 DISPLAY	Press to select information displayed on the display (page 50).
3 DIMMER	Press to adjust the brightness of the display.
4 Remote sensor	Receives signals from remote commander.
5 Display	The current status of the selected component or a list of selectable items appears here (page 6).
6 2CH	Press to select 2CH STEREO mode (page 38, 44).
7 A.F.D.	Press to select A.F.D. mode (page 41).
8 MOVIE, MUSIC	Press to select sound fields (MOVIE, MUSIC) (page 42).
9 MASTER VOLUME	Turn to adjust the volume level of all speakers at the same time (page 28, 29, 30, 31).
10 ENTER	Press to store a station or enter the selection when selecting the settings (page 23, 26, 27, 32, 48, 49).

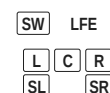
Name	Function
11 INPUT MODE	Press to select the input mode when the same components are connected to both digital and analog jacks (page 49).
12 </>/^/v	After pressing AMP MENU (13), press < or > and ^ or v to select the settings.
13 AMP MENU	Press to display the menu of the receiver.
14 Input buttons	Press one of the buttons to select the component you want to use.
15 PRESET TUNING +/-	Press to select a preset station.
16 TUNING +/-	Press to scan a station.
17 MEMORY	Press to store a station.
18 FM MODE	Press to select FM monaural or stereo reception.
19 PHONES jack	Connects to a headphone (page 55).
20 AUTO CAL MIC jack	Connects to the supplied optimizer microphone for the Auto Calibration function (page 24).

About the indicators on the display

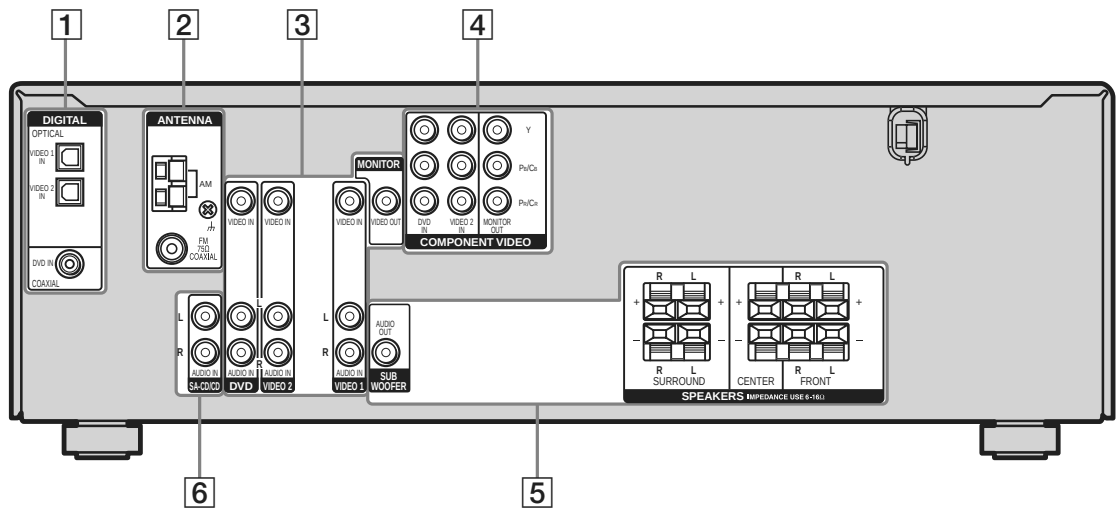


Name	Function
1 SW	Lights up when audio signal is output from the SUB WOOFER jack.
2 LFE	Lights up when the disc being played back contains an LFE (Low Frequency Effect) channel and the LFE channel signal is actually being reproduced.
3 SP	Lights up when the receiver is turned on. This indicator does not light up if a headphone is connected to the PHONES jack.
4 DIGITAL	Lights up when Dolby Digital signals are input. Note When playing a Dolby Digital format disc, be sure that you have made digital connections and that INPUT MODE is not set to "ANALOG" (page 49).
5 PRO LOGIC (II)	"PRO LOGIC" lights up when the receiver applies Pro Logic processing to 2 channel signals in order to output the center and surround channel signals. "PRO LOGIC II" 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 DTS	Lights up when DTS signals are input. Note When playing a DTS format disc, be sure that you have made digital connections and that INPUT MODE is not set to "ANALOG" (page 49).
7 MEMORY	Lights up when a memory function, such as Name Input, Preset Memory (page 47), etc., is activated.

Name	Function
8 Preset station indicators	Lights up when using the receiver to tune in radio stations you have preset. For details on presetting radio stations, see page 46.
9 Tuner indicators	Lights up when using the receiver to tune in radio stations (page 45), etc.
10 D.RANGE	Lights up when dynamic range compression is activated (page 33).
11 COAX	Lights up when INPUT MODE is set to "AUTO" and the source signal is a digital signal being input through the COAXIAL jack, or when INPUT MODE is set to "COAX IN" (page 49).
12 OPT	Lights up when INPUT MODE is set to "AUTO" and the source signal is a digital signal being input through the OPTICAL jack, or when INPUT MODE is set to "OPT IN" (page 49).
13 SLEEP	Lights up when the Sleep Timer function is activated (page 50).
14 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): Dolby Digital 3/2.1 Sound Field: A.F.D. AUTO



Rear panel



1 DIGITAL INPUT section

	OPTICAL IN jacks	Connects to a DVD player, etc. The COAXIAL jack provides a better quality of loud sound (page 18, 20).
	COAXIAL IN jack	

2 ANTENNA section

	FM ANTENNA jack	Connects to the FM wire antenna supplied with this receiver (page 22).
	AM ANTENNA terminals	Connects to the AM loop antenna supplied with this receiver (page 22).

3 VIDEO/AUDIO INPUT/OUTPUT section

	White (L) AUDIO IN jacks	Connects the video and audio jacks of a VCR or a DVD player (page 15, 17, 18, 19, 20, 21).
	Red (R)	
	VIDEO IN/OUT jacks*	

4 COMPONENT VIDEO INPUT/OUTPUT section

	Green COMPONENT VIDEO INPUT/OUTPUT jacks*	Connects to a DVD player, TV, or a satellite tuner. You can enjoy high quality image (page 17, 19, 20).
	Blue	
	Red	

5 SPEAKERS section

		Connects to the speakers (page 14).
		Connects to the sub woofer (page 14).

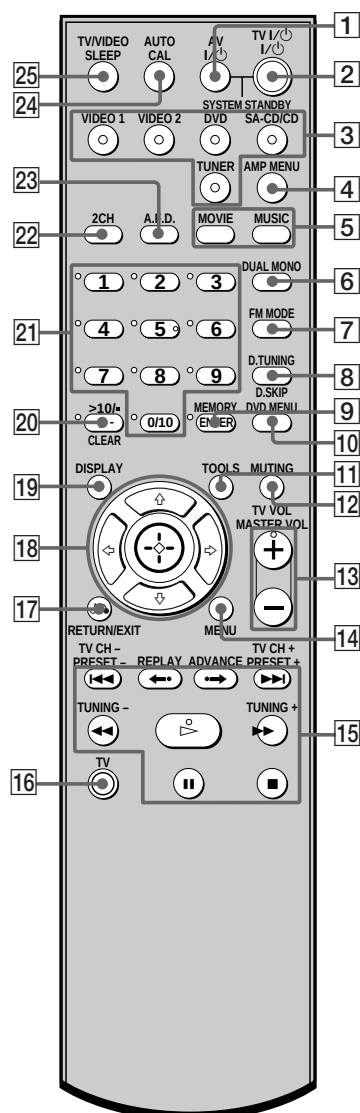
6 AUDIO INPUT section

	White (L) AUDIO IN jacks	Connects to a CD player, etc. (page 15).
	Red (R)	

* You can watch the selected input image when you connect the MONITOR OUT jack to a TV (page 17).

Remote commander

You can use the supplied remote RM-AAU006 to operate the receiver and to control the Sony audio/video components that the remote is assigned to operate (page 51).



Name	Function
------	----------

- 1 AV I/⏻ (on/standby)** Press to turn on or off the Sony audio/video components that the remote is assigned to operate.
- If you press I/⏻ ([2]) at the same time, it will turn off the receiver and other components (SYSTEM STANDBY).

Note

The function of the AV I/⏻ switch changes automatically each time you press the input buttons ([3]).

- 2 TV I/⏻ (on/standby)** Press TV I/⏻ and TV ([16]) at the same time to turn the TV on or off.



I/⏻ (on/standby)

Press to turn the receiver on or off.

To turn off all components, press I/⏻ and AV I/⏻ ([1]) at the same time (SYSTEM STANDBY).

- 3 Input buttons** Press one of the buttons to select the component you want to use. When you press any of the input buttons, the receiver turns on. The buttons are factory assigned to control Sony components as follows. You can change the button assignments following the steps in "Changing button assignments" on page 51.

Button	Assigned Sony component
VIDEO 1	VCR (VTR mode 3)
VIDEO 2	VCR (VTR mode 2)
DVD	DVD player
SA-CD/CD	Super Audio CD/CD player
TUNER	Built-in tuner

- 4 AMP MENU** Press to display the menu of the receiver. Then, use ⬆, ⬇, ⬅, ➡ and ⬆➡ to perform menu operations.

- 5 MOVIE, MUSIC** Press to select sound fields (MOVIE, MUSIC).

Name	Function
[6] DUAL MONO	Press to select the language you want during digital broadcast.
[7] FM MODE	Press to select FM monaural or stereo reception.
[8] D.TUNING	Press to enter direct tuning mode.
D.SKIP	Press to skip disc of the CD player or DVD player (multi-disc changer only).
[9] ENTER	Press to enter the value after selecting a channel, disc or track using the numeric buttons of the TV, VCR or satellite tuner.
MEMORY	Press to store a station.
[10] DVD MENU	Press to display the menu of the DVD player on the TV screen. Then, use ▲ , ▼ , ◀ , ▶ and ⊕ to perform menu operations.
[11] TOOLS	Press to display options applicable to the entire disc (e.g. disc protection), recorder (e.g. audio settings during recording), or multiple items on a list menu (e.g. erasing multiple titles).
[12] MUTING	Press to mute the sound.
[13] TV VOL +*/-	Press TV VOL +/- and TV ([16]) at the same time to adjust the TV volume level.
MASTER VOL +*/-	Press to adjust the volume level of all speakers at the same time.
[14] MENU	Press to display the menus of the VCR, DVD player, or satellite tuner on the TV screen. Then, use ▲ , ▼ , ◀ , ▶ and ⊕ to perform menu operations.

Name	Function
[15] ⏮/⏭	Press to skips tracks of the CD player, DVD player, or tape deck.
REPLAY ⏮/ ADVANCE ⏭	Press to replay the previous scene or fast forward the current scene of the VCR or DVD player.
⏮/⏭	Press to – search tracks in the forward/backward direction of the DVD player. – fastforward/rewind of the VCR, CD player, or tape deck.
▷*	Press to start playback of the VCR, CD player, DVD player, or tape deck.
⏸	Press to pause playback or recording of the VCR, CD player, DVD player, or tape deck. (Also starts recording with components in recording standby.)
■	Press to stop playback of the VCR, CD player, DVD player, or tape deck.
TV CH +/-	Press TV CH +/- and TV ([16]) at the same time to select preset TV channels.
PRESET +/-	Press to select – preset stations. – preset channels of the VCR or satellite tuner.
TUNING +/-	Press to scan a station.
[16] TV	Press TV and the button you want at the same time to activate the buttons with orange printing.
[17] RETURN/ EXIT ↶	Press to – return to the previous menu. – exit the menu while the menu or on-screen guide of the VCR, DVD player, or satellite tuner is displayed on the TV screen.

Name	Function
18  ,  ,  ,  , 	After pressing AMP MENU (14), DVD MENU (10), or MENU (14), press  ,  ,  or  to select the settings. When you press DVD MENU or MENU, press  to enter the selection.
19 DISPLAY	Press to select the information displayed on the TV screen of the VCR, satellite tuner, CD player or DVD player.
20 -/--	Press -/-- and TV (16) at the same time to select the channel entry mode, either one or two digits of the TV.
>10/-	Press to select – track numbers over 10 of the VCR, satellite tuner or CD player. – channel numbers of the Digital CATV terminal.
CLEAR	Press to – clear a mistake when you press the incorrect numeric buttons. – return to continuous playback, etc. of the satellite tuner or DVD player.
21 Numeric buttons (number 5*)	Press to – preset/tune to preset stations. – select track numbers of the CD player or DVD player. Press 0/10 to select track number 10. – select channel numbers of the VCR or satellite tuner. Press the numeric buttons and TV (16) at the same time to select the TV channels.
22 2CH	Press to select 2CH STEREO mode.
23 A.F.D.	Press to select A.F.D. mode.
24 AUTO CAL	Press to activate the Auto Calibration function.

Name	Function
25 TV/VIDEO	Press TV/VIDEO and TV (16) at the same time to select the input signal (TV input or video input).
SLEEP	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically.

* The number 5, MASTER VOL +, TV VOL +, and  buttons have tactile dots. Use the tactile dots as references when operating the receiver.

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.

SECTION 2 TEST MODE

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 depressing the **[2CH]** button, press the power **[I/⏻]** button to turn on the main power.
2. The message "S.F. CLR." appears and initialization is performed. (3 second)

SOFTWARE VERSION DISPLAY MODE

The software version is displayed.

Procedure:

1. While depressing the **[PRESET TUNING -]** and the **[<]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. The model name, destination and the software version are displayed. (8 second)

KEY CHECK MODE

Button check

Procedure:

1. While depressing the **[<]** and the **[A.F.D.]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
"REST 25" appears.
2. Every pressing of any button other than **[I/⏻]** counts down the buttons. The buttons which are already counted once are not counted again.
3. When all buttons are pressed "REST 00" appears.

FLUORESCENT INDICATOR TUBE TEST MODE

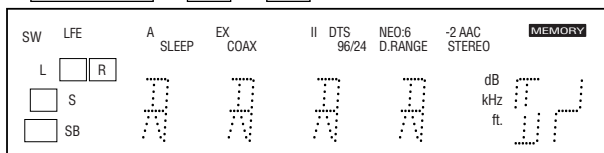
All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.

Procedure:

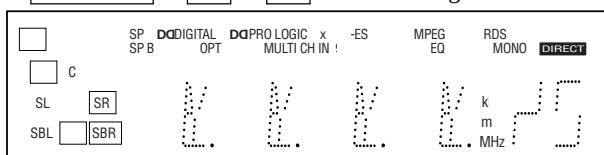
1. While depressing the **[PRESET TUNING -]** and the **[AM]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. All segments turn on.



3. Press either of the **[VIDEO1]** or **[VIDEO2]** or **[DVD]** or **[SA-CD/CD]** or **[FM]** or **[AM]** button.



4. Press either of the **[VIDEO1]** or **[VIDEO2]** or **[DVD]** or **[SA-CD/CD]** or **[FM]** or **[AM]** button once again.



5. Press either of the **[VIDEO1]** or **[VIDEO2]** or **[DVD]** or **[SA-CD/CD]** or **[FM]** or **[AM]** button once again. All segments turn off.

SWAP ALL MODE

Procedure:

1. While depressing the **[PRESET TUNING -]** and the **[A.F.D.]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. "SWP.ALL" appears. (No change while displayed.)

SHIPMENT MODE

All preset contents are reset to the default setting.

Procedure:

1. While depressing the **[AM]** and the **[A.F.D.]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. "CLEARED" appears and switch off the set.

PROTECTOR

If an error occurs, the "Protector Display" will flash for a while and the power is turned OFF.

Procedure:

1. While depressing the **[PRESET TUNING -]** and the **[2CH]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. "PROT. EVER" appears (3 seconds) and the display returns to the "Protector Display" and the power remains ON.

VACS CONTROL

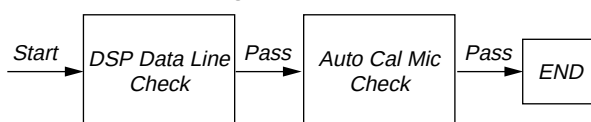
Procedure:

1. While depressing the **[<]** and the **[DIMMER]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. "VACS OFF" appears. (8 second)

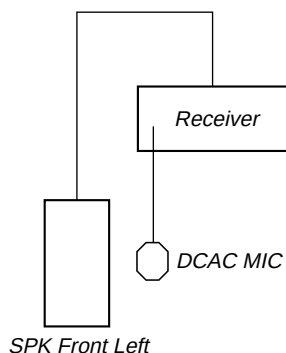
DCAC FACTORY TEST MODE

DCAC Factory Test mode have two stages:

1. DCAC DSP Data Line Checking
2. DCAC board Checking



Factory Test System Setup



1. When power off :
Press the three buttons **[<] + [DISPLAY] + [I/⏻]**.
(If it doesn't operate, please press **[DISPLAY]** again afetr 2 seconds.)
Afterward, press the **[DIMMER]** to start DCAC factory test mode.

1. DCAC DSP Data Line Checking

After press the **DIMMER**, DCAC Factory test mode will start, below display will show:

“DCAC□□□x” x = 1, 2, 3

If there is error happen, below display will show:

“ERR□SD0x” x = 1 → D1112 or R1198 problem

x = 2 → D1113 problem

x = 3 → D1114 problem

2. DCAC board Checking

Connect front left speaker of the receiver and AUTO CAL microphone. Turn **MASTER VOLUME** jog, there will be test tone sound output from front left speaker, and the display will change accordingly.

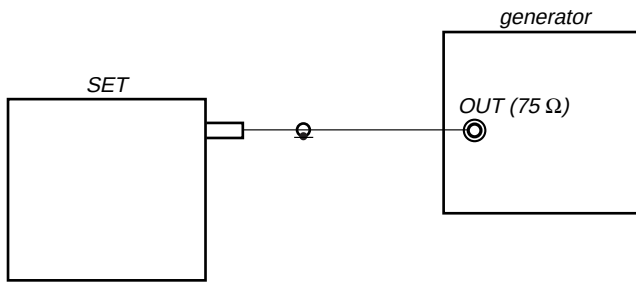
“AD□-□xxx” xxx = 0 to 255 (depends on loudness of test tone)

SECTION 3

ELECTRICAL ADJUSTMENT

TUNER SECTION

[FM Auto Stop Check]



Procedure:

1. Turn the power on.
2. Input the following signal from Signal Generator to FM antenna input directly.

* Carrier Freq : A = 87.5 MHz, B = 98 MHz, C = 108 MHz
Deviation : 75 kHz
Modulation : 1 kHz
ANT input : 35 dBu (EMF)

Note: Please use 75 ohm “coaxial cable” to connect SG and the set. You cannot use video cable for checking.
Please use SG whose output impedance is 75 ohm.

3. Set to FM tuner function and scan the input FM signal with automatic scanning.
4. Confirm that input Frequency of A, B and C are detected and automatic scanning stops.

The stop of automatic scanning means “The station signal is received in good condition.”

SECTION 4
DIAGRAMS

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

For Schematic Diagrams.

- Note:**
- 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 $\frac{1}{4}\text{W}$ or less unless otherwise specified.
 - % : indicates tolerance.
 - Δ : internal component.
 -  : nonflammable resistor.
 -  : fusible resistor.
 -  : panel designation.

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

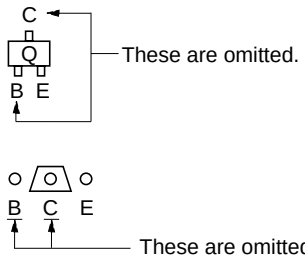
-  : B+ Line.
-  : B- Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
No mark : FM
- Voltages are taken with a VOM (Input impedance 10 M Ω).
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
- Circled numbers refer to waveforms.
- Signal path.
 -  : FM
 -  : ANALOG
 -  : DIGITAL
 -  : VIDEO
- Abbreviation
 - AUS : Australian model
 - SP : Singapore model
 - SP6 : Singapore and Malaysia models

For Printed Wiring Boards.

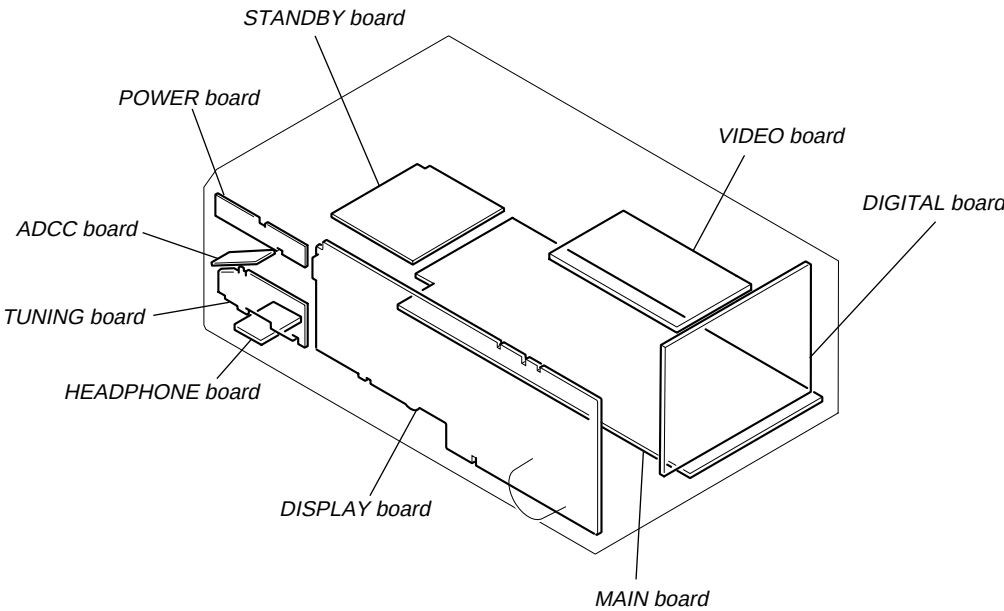
- Note:**
-  : parts extracted from the component side.
 -  : Through hole.
 - Δ : internal component.
 -  : Pattern from the side which enables seeing.

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

- Indication of transistor.

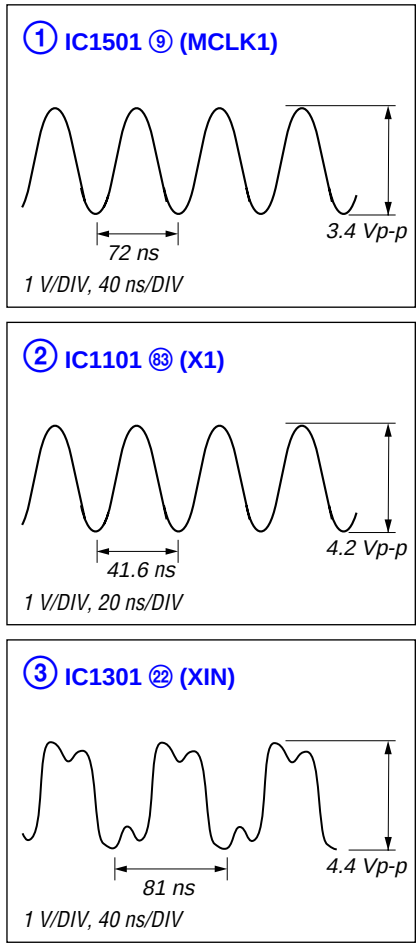


• Circuit Boards Location

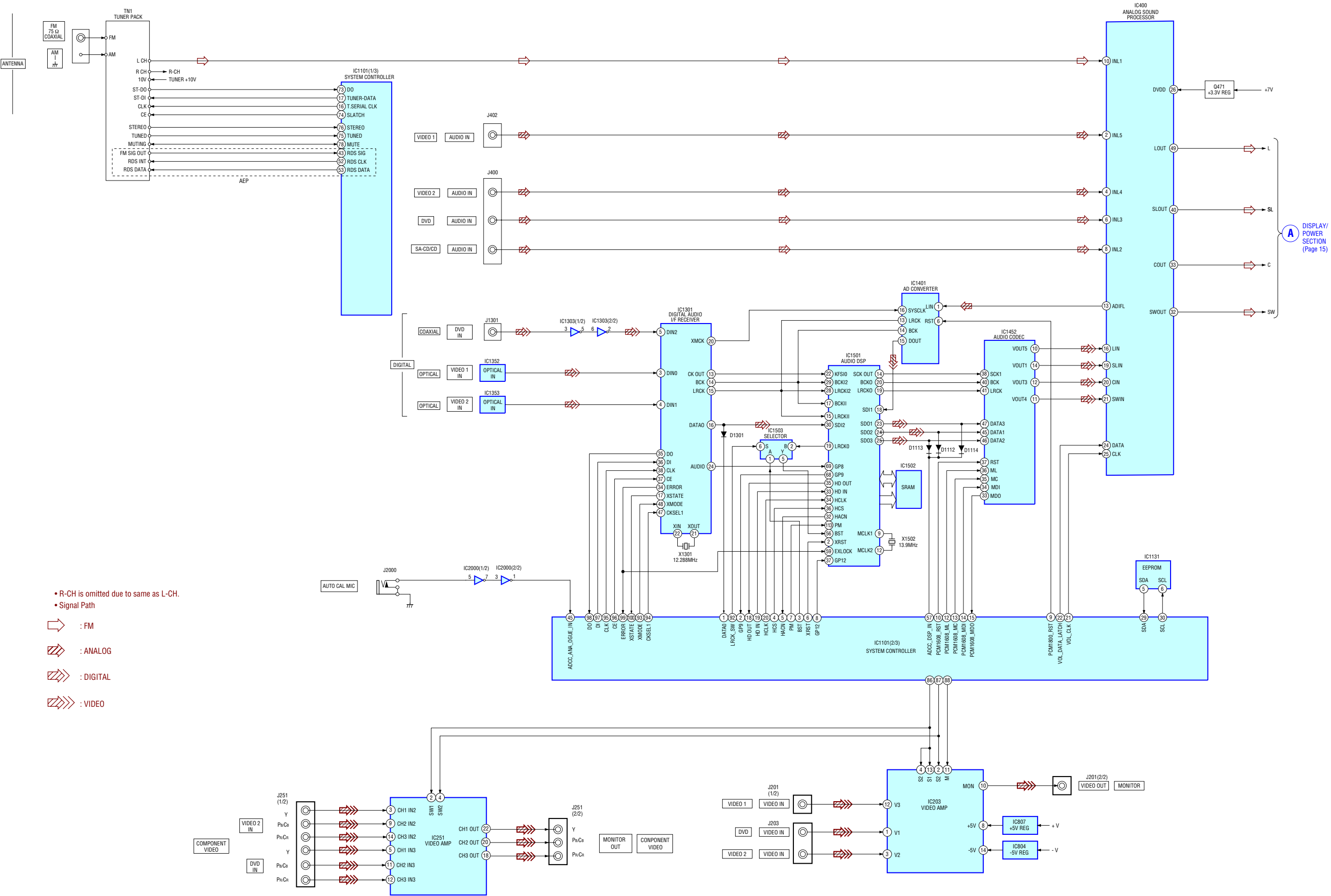


• Waveforms

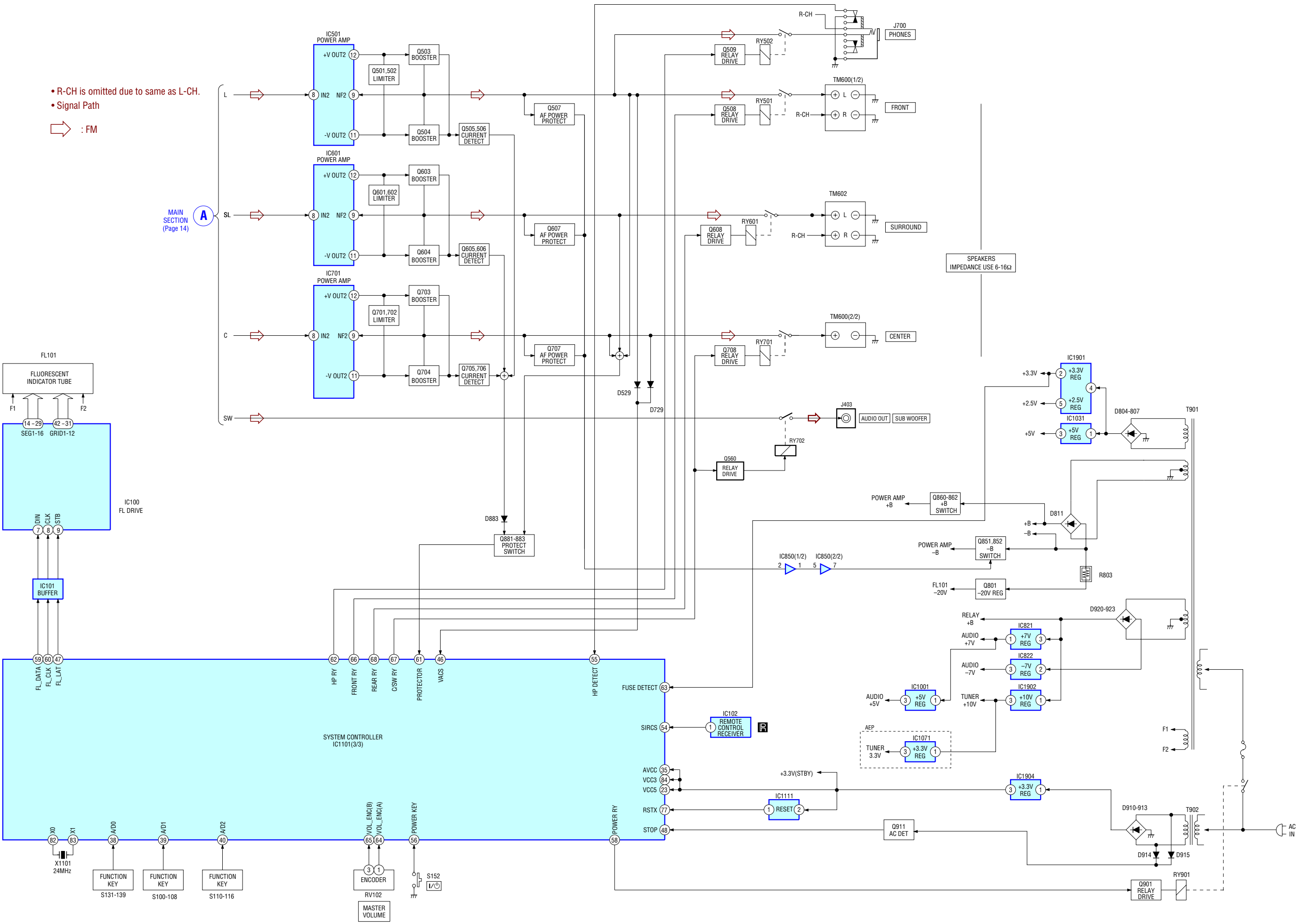
– DIGITAL Board –

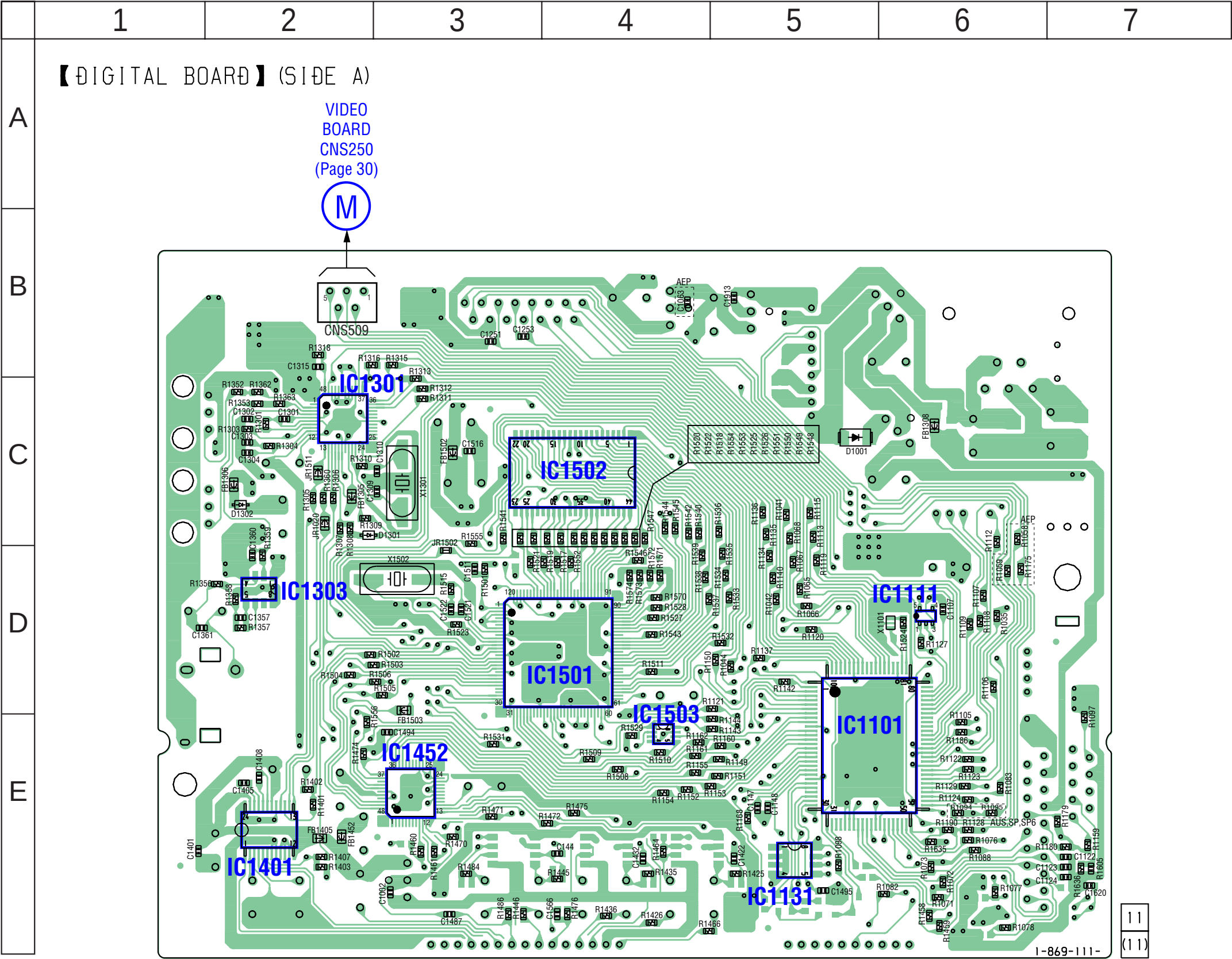


4-1. BLOCK DIAGRAM – MAIN SECTION –



4-2. BLOCK DIAGRAM – DISPLAY/POWER SECTION –

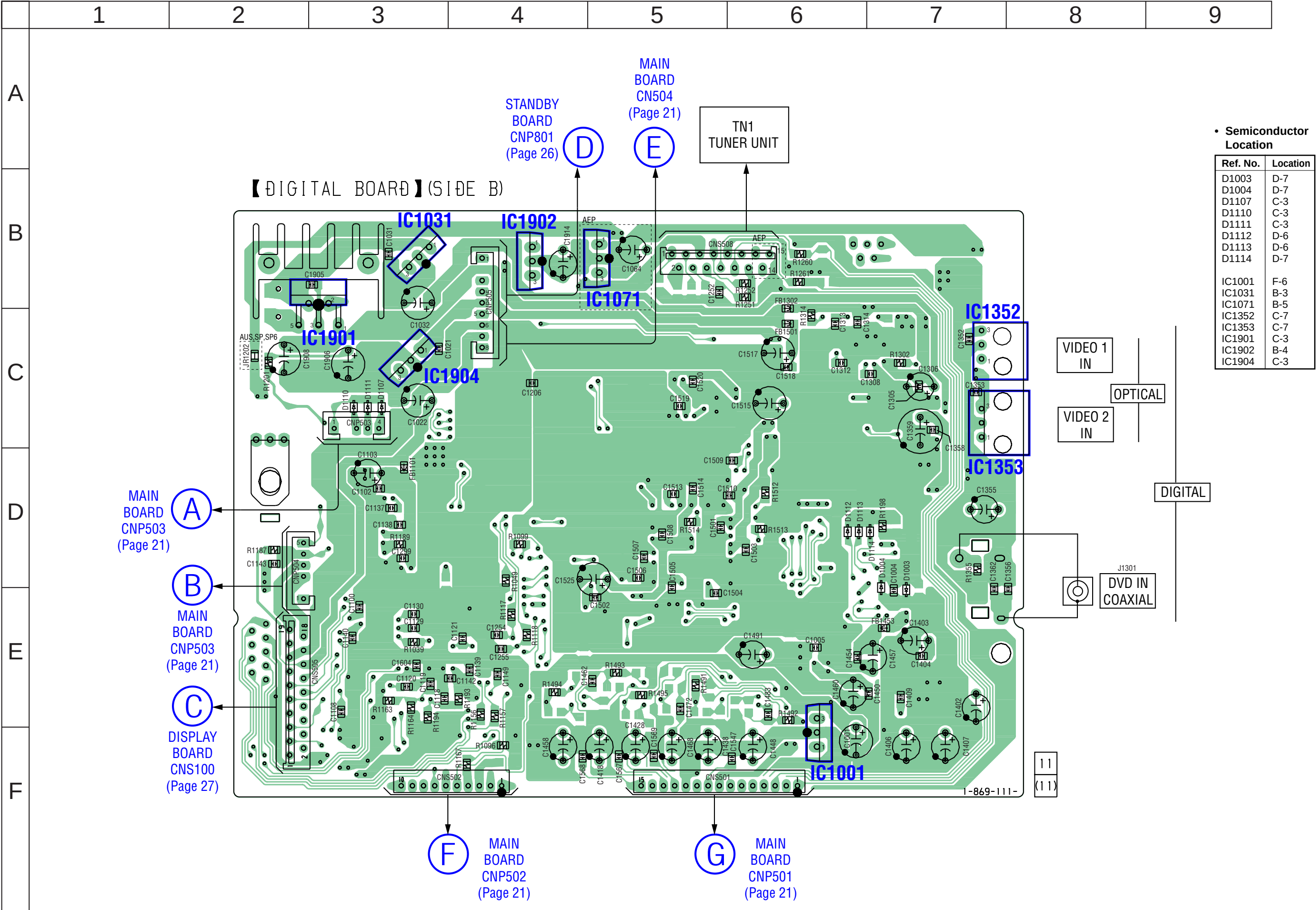




• Semiconductor Location

Ref. No.	Location
D1001	C-5
D1301	C-3
D1302	C-2
IC1101	D-5
IC1111	D-6
IC1131	E-5
IC1301	C-2
IC1303	D-2
IC1401	E-2
IC1452	E-3
IC1501	D-4
IC1502	C-4
IC1503	E-4

4-4. PRINTED WIRING BOARD – DIGITAL BOARD (SIDE B) – • See page 13 for Circuit Boards Location. :Uses unleaded solder.

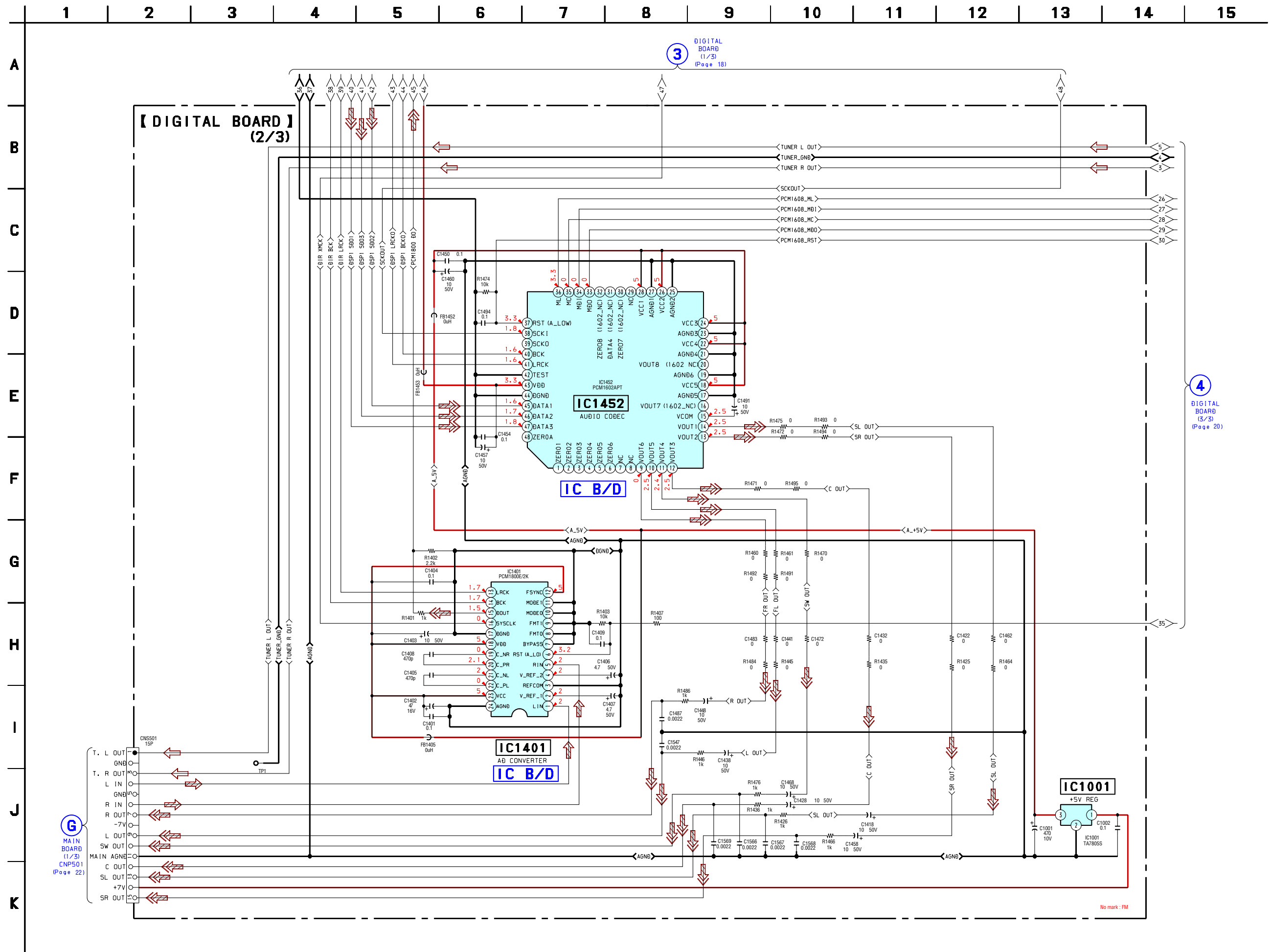


• Semiconductor Location

Ref. No.	Location
D1003	D-7
D1004	D-7
D1107	C-3
D1110	C-3
D1111	C-3
D1112	D-6
D1113	D-6
D1114	D-7
IC1001	F-6
IC1031	B-3
IC1071	B-5
IC1352	C-7
IC1353	C-7
IC1901	C-3
IC1902	B-4
IC1904	C-3

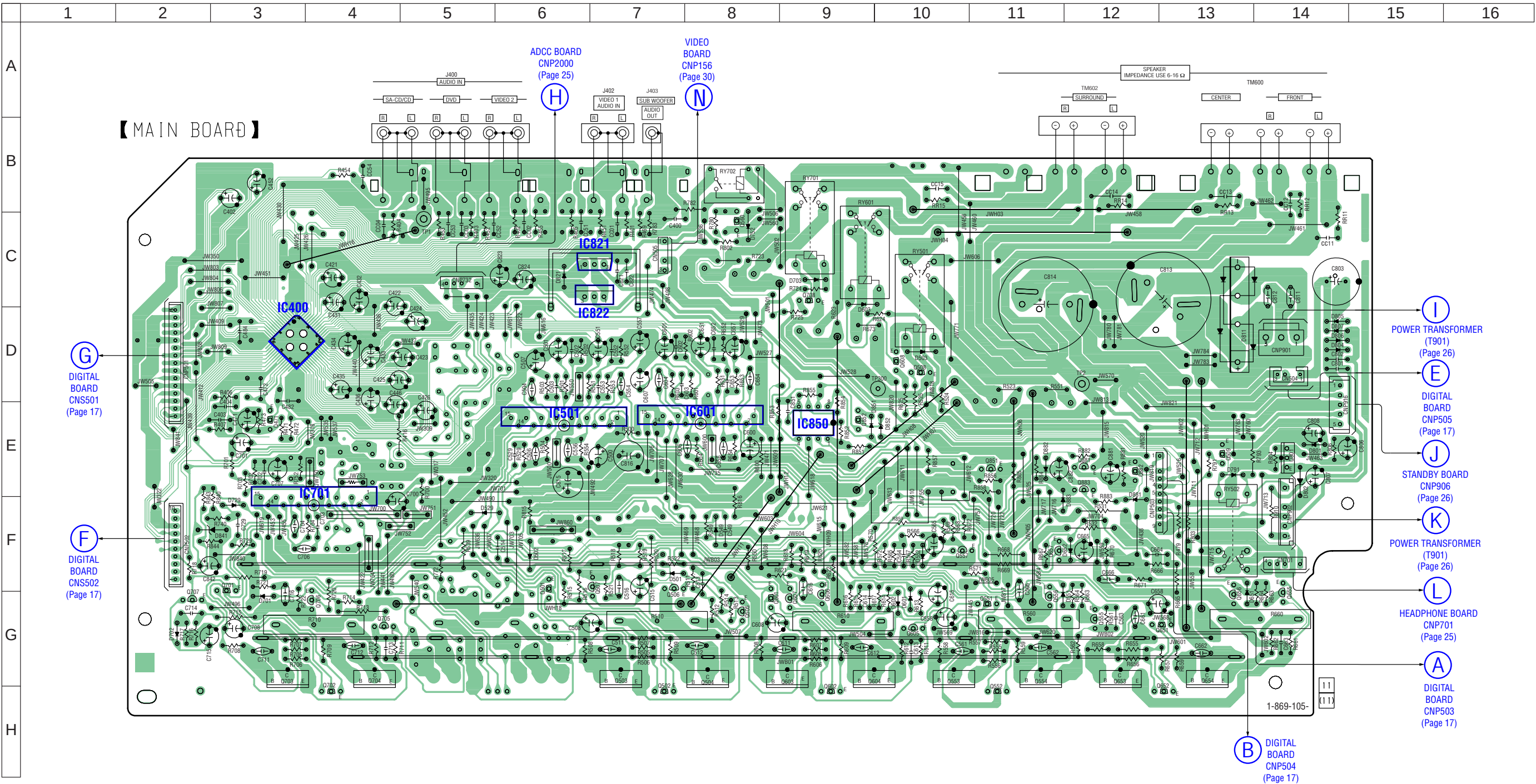


4-6. SCHEMATIC DIAGRAM – DIGITAL BOARD (2/3) – • See page 32 for IC Block Diagrams.



4-8. PRINTED WIRING BOARD – MAIN BOARD – • See page 13 for Circuit Boards Location.

 :Uses unleaded solder.

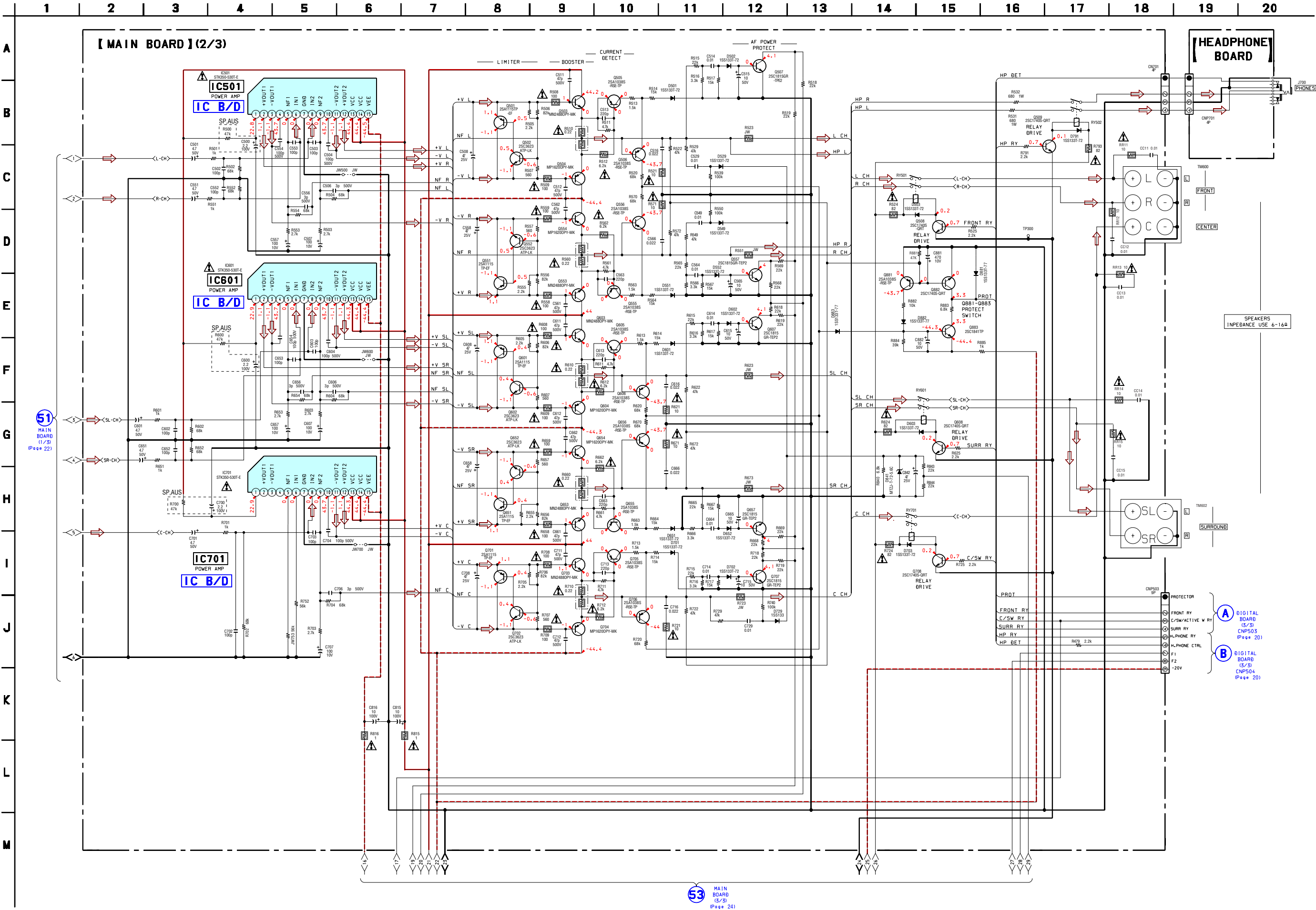


• Semiconductor Location

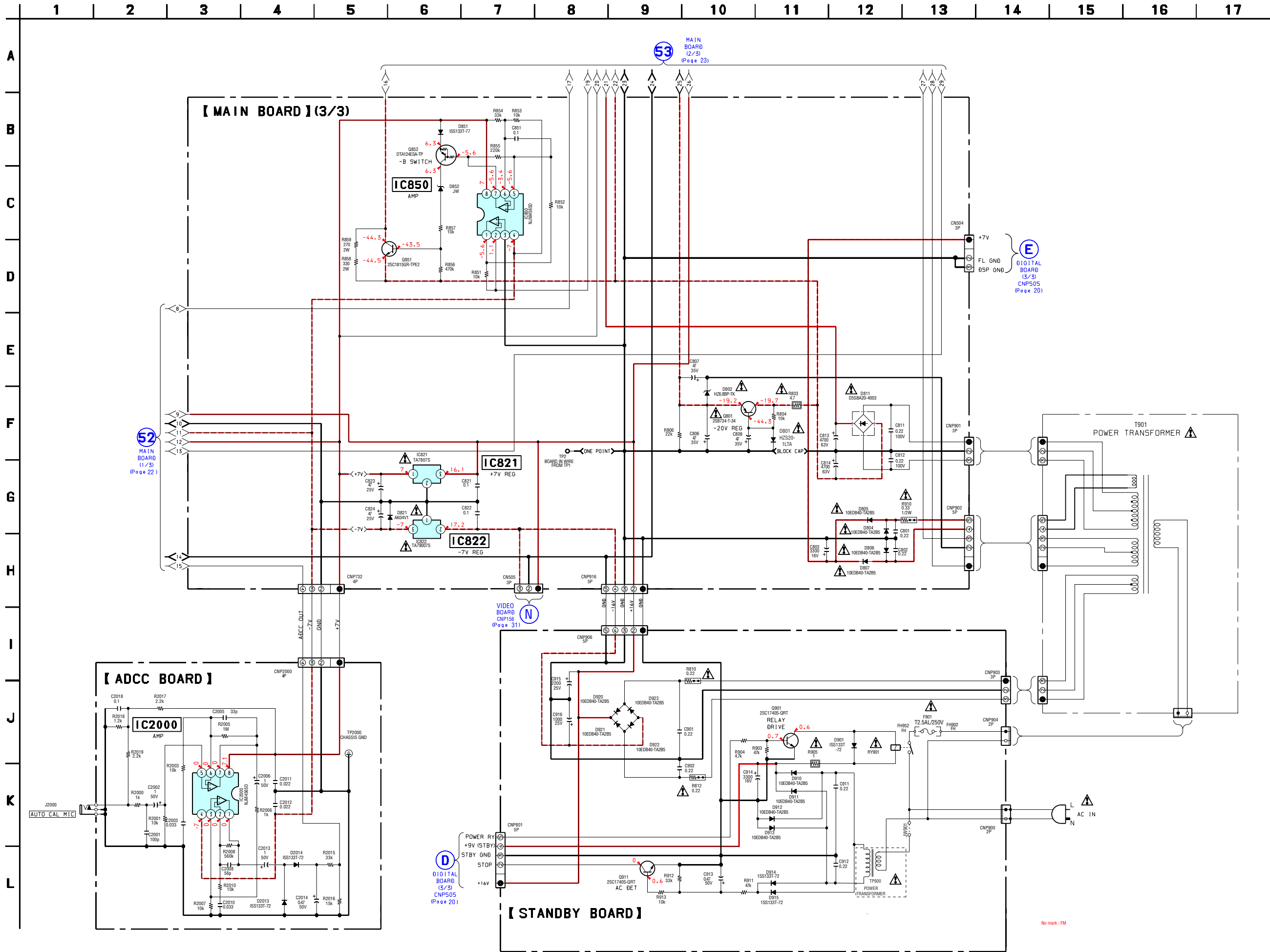
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D501	F-7	D729	F-3	D883	F-12	Q505	G-8	Q603	G-9	Q703	G-3
D502	F-6	D752	C-8			Q506	G-7	Q604	G-9	Q704	G-4
D503	D-10	D791	E-13	IC400	D-3	Q507	F-7	Q605	G-10	Q705	G-4
D529	F-5	D802	E-14	IC501	E-6	Q508	D-10	Q606	G-9	Q706	G-4
D549	F-8	D804	D-14	IC601	E-8	Q509	E-13	Q607	G-9	Q707	G-2
D551	G-12	D805	D-14	IC701	E-4	Q551	G-11	Q608	D-10	Q708	C-9
D552	F-10	D806	D-14	IC821	C-7	Q552	H-11	Q651	G-13	Q801	E-14
D601	G-10	D807	D-14	IC822	C-7	Q553	G-10	Q652	H-13	Q851	E-11
D602	G-10	D811	D-13	IC850	E-9	Q554	G-11	Q653	G-12	Q852	E-9
D603	C-9	D821	C-6			Q555	G-12	Q654	G-14	Q881	E-12
D651	G-13	D841	F-3	Q471	E-3	Q556	G-11	Q655	G-14	Q882	E-12
D652	F-12	D851	E-9	Q501	F-6	Q557	F-10	Q656	G-13	Q883	E-12
D701	G-3	D852	E-10	Q502	H-7	Q560	C-8	Q657	F-11		
D702	G-2	D881	F-12	Q503	G-7	Q601	G-8	Q701	F-3		
D703	C-9	D882	E-11	Q504	G-8	Q602	H-9	Q702	H-4		



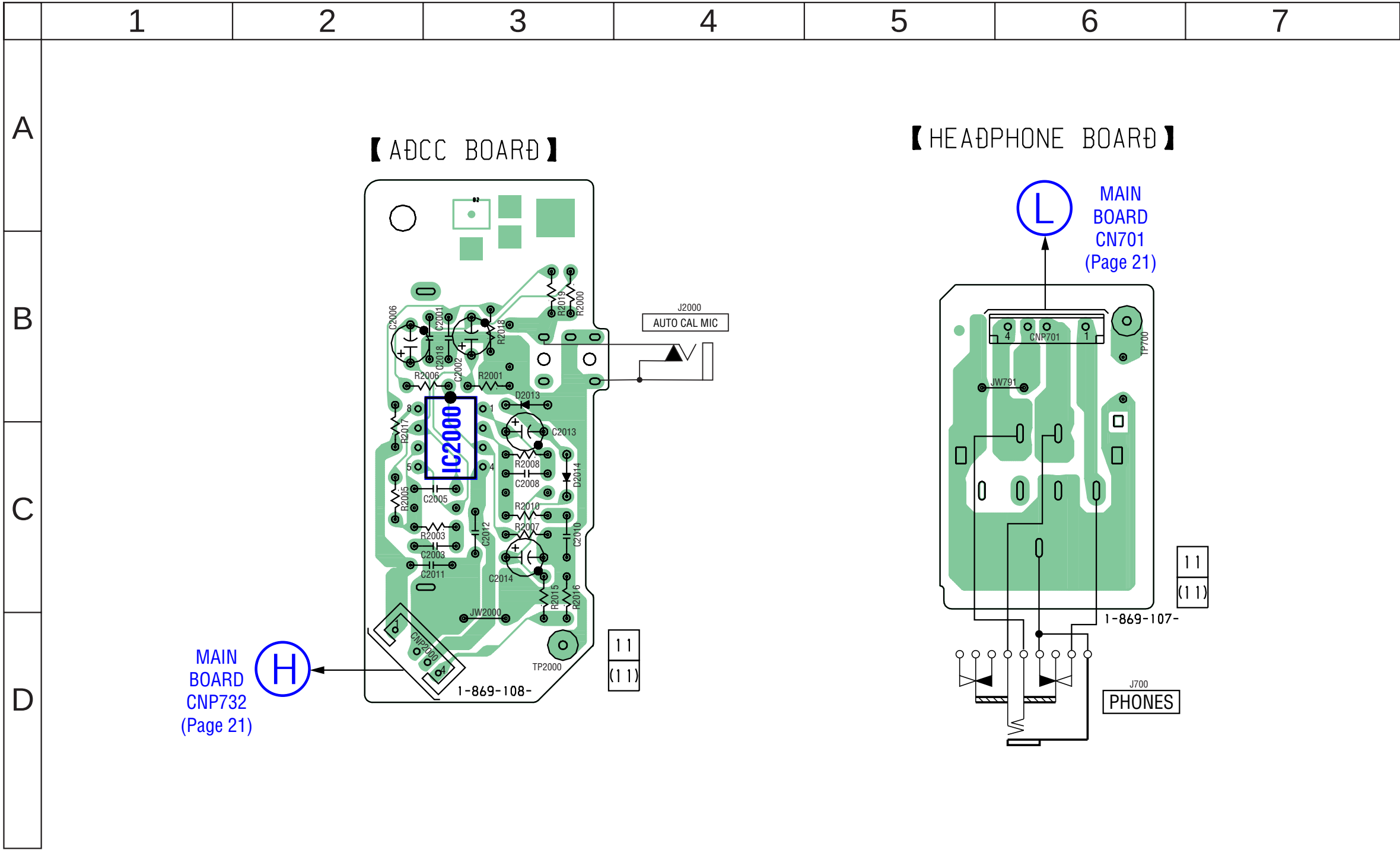
4-10. SCHEMATIC DIAGRAM – MAIN BOARD (2/3), HEADPHONE BOARD – • See page 33 for IC Block Diagrams.



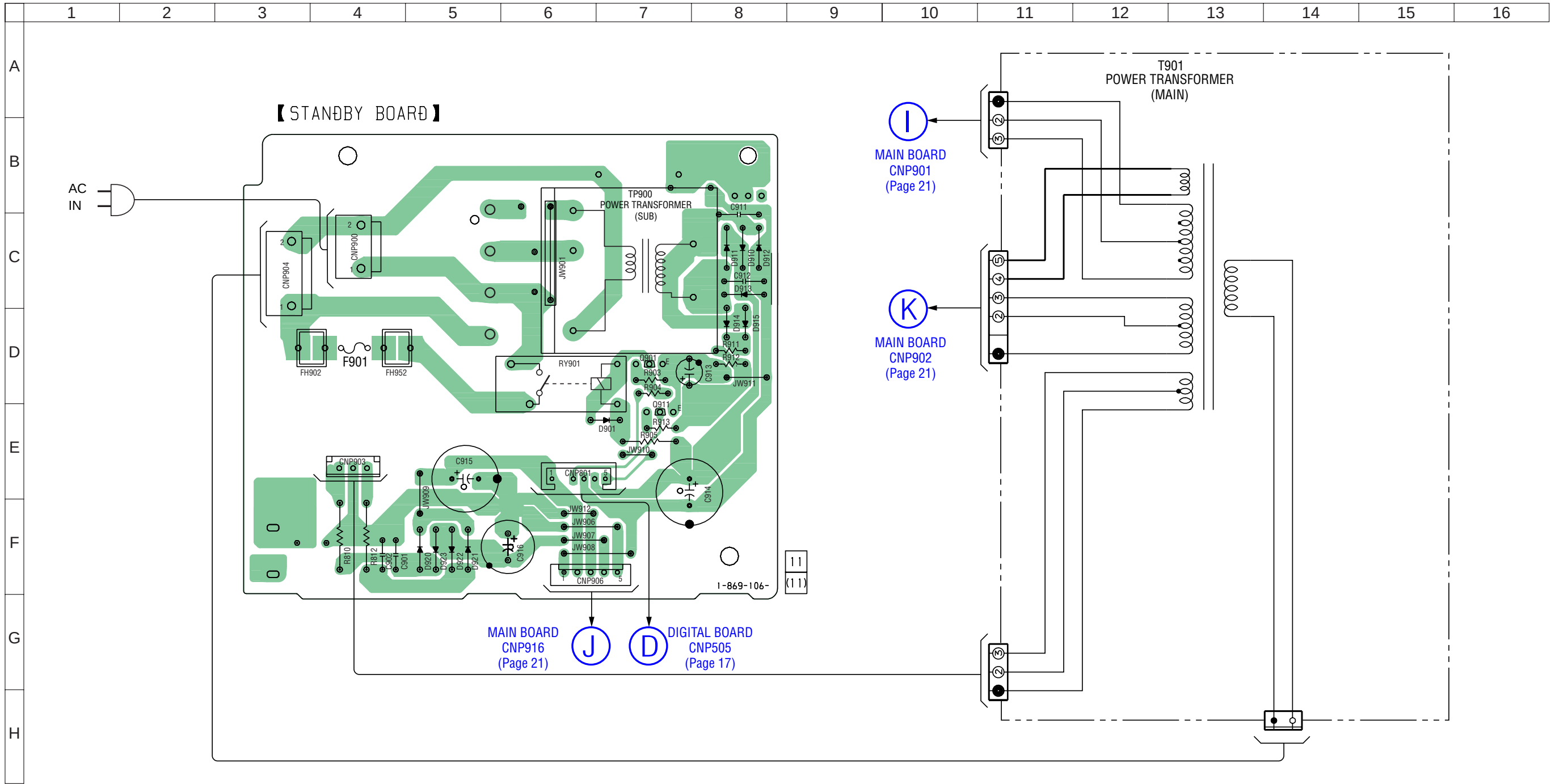
4-11. SCHEMATIC DIAGRAM – MAIN BOARD (3/3), ADCC BOARD, STANDBY BOARD –



4-12. PRINTED WIRING BOARDS – ADCC BOARD, HEADPHONE BOARD – • See page 13 for Circuit Boards Location. :Uses unleaded solder.



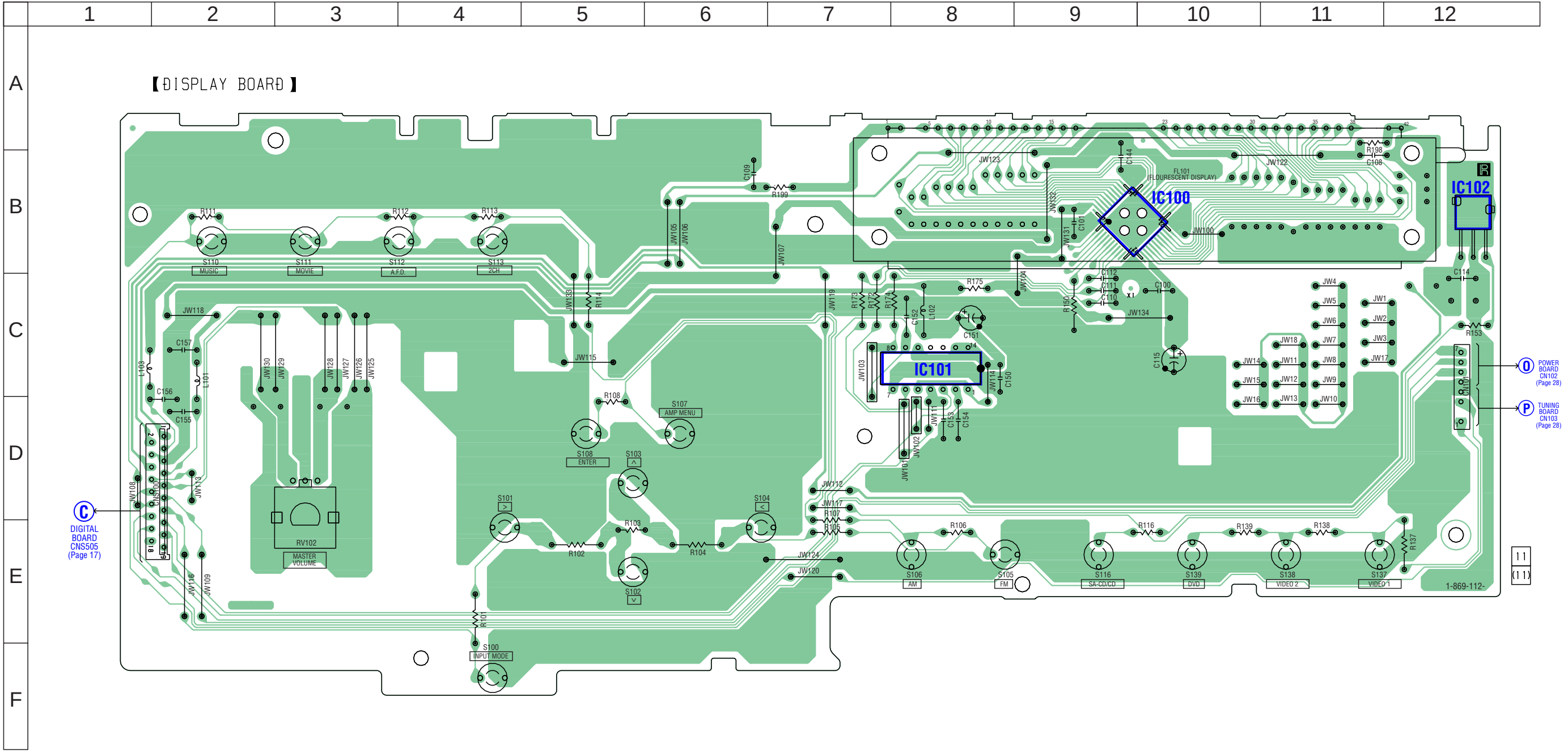
4-13. PRINTED WIRING BOARD – STANDBY BOARD – • See page 13 for Circuit Boards Location.  :Uses unleaded solder.

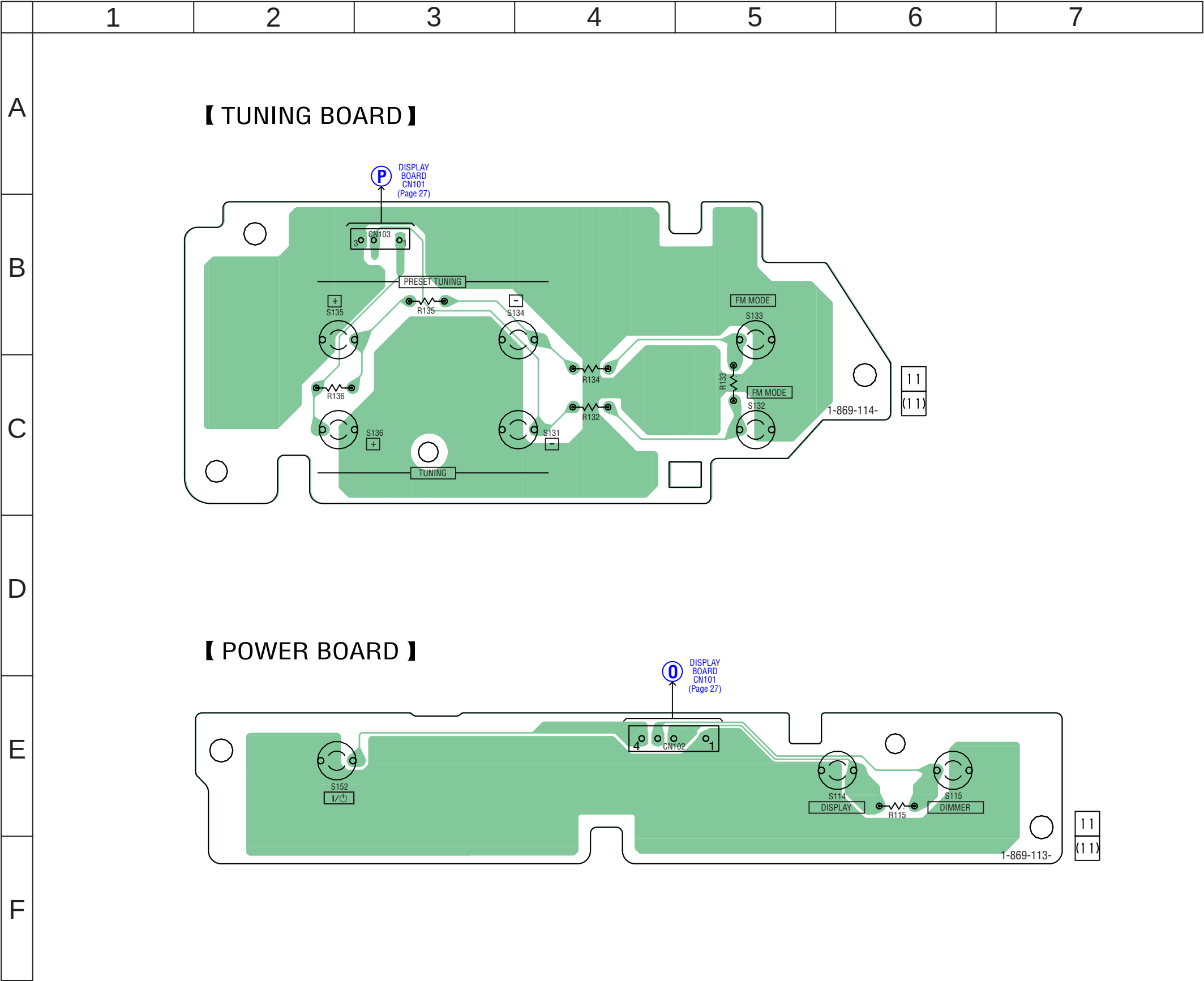


• Semiconductor Location

Ref. No.	Location
D901	E-7
D910	C-8
D911	C-8
D912	C-8
D913	C-8
D914	D-8
D915	D-8
D920	F-5
D921	F-5
D922	F-5
D923	F-5
Q901	D-7
Q911	E-7

4-14. PRINTED WIRING BOARD – DISPLAY BOARD – • See page 13 for Circuit Boards Location.  :Uses unleaded solder.





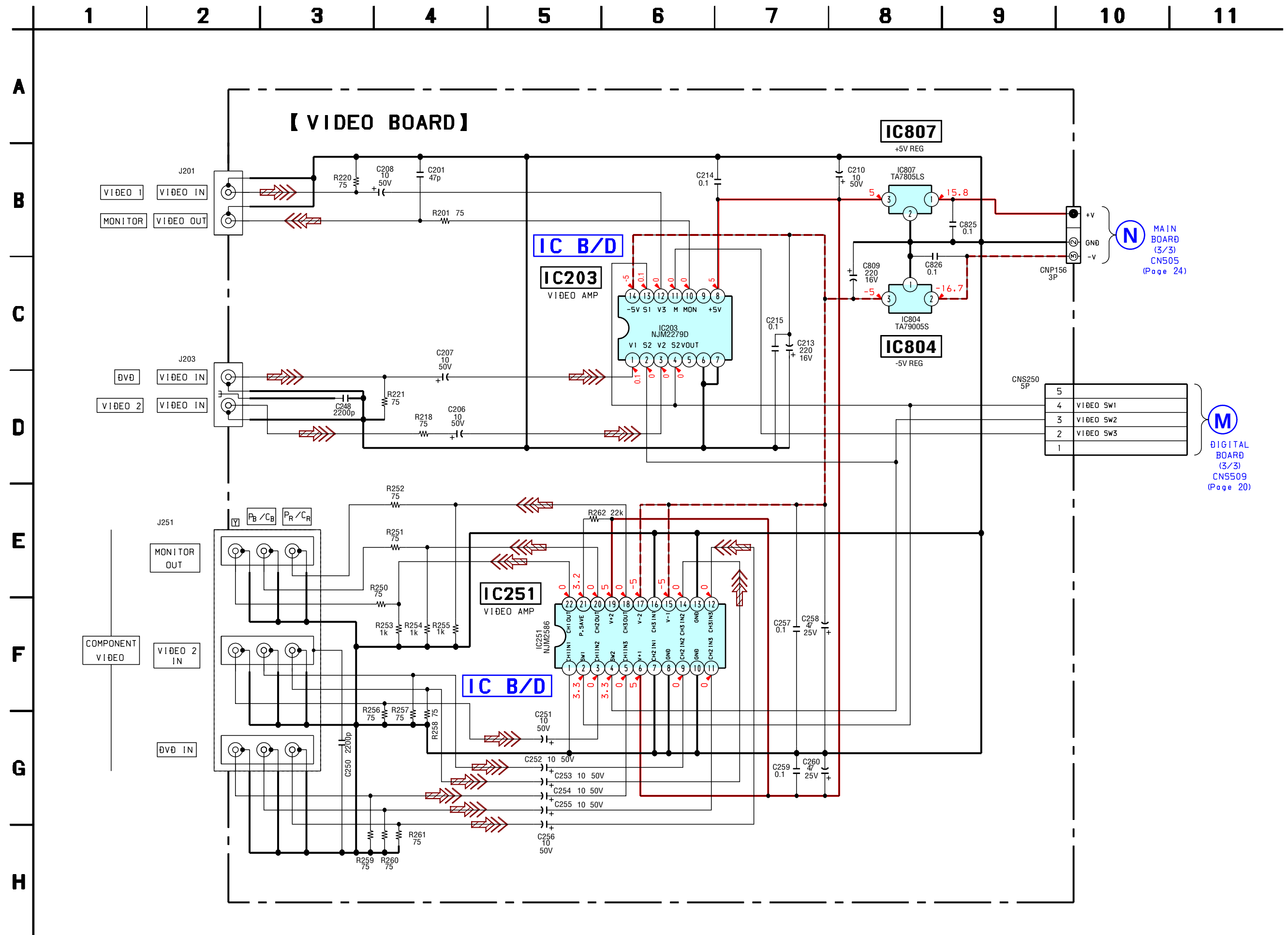
29



4 :Uses unleaded solder.

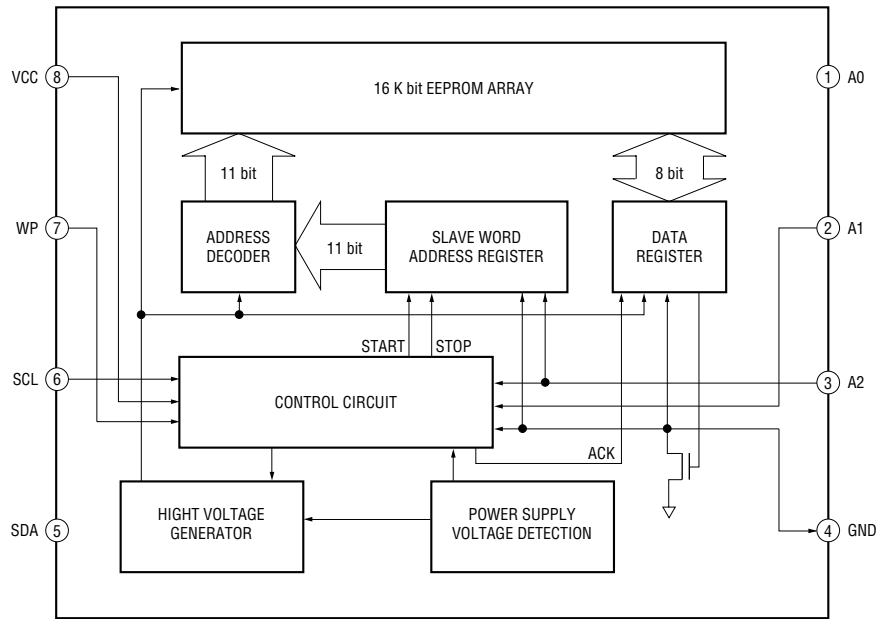


4-18. SCHEMATIC DIAGRAM – VIDEO BOARD – • See page 34 for IC Block Diagrams.

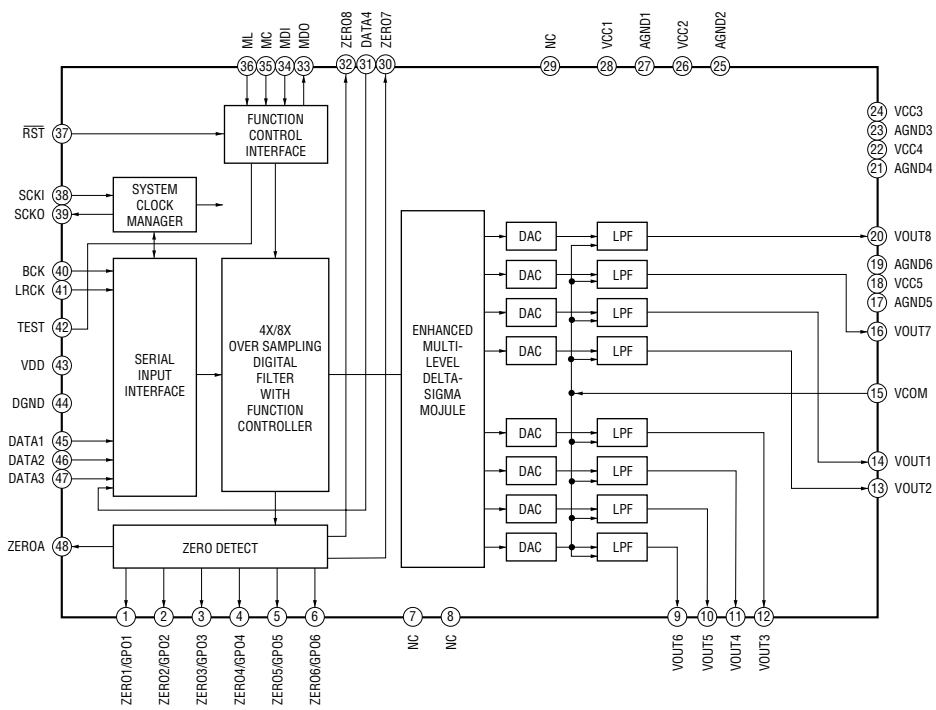


• IC Block Diagrams
– DIGITAL Board –

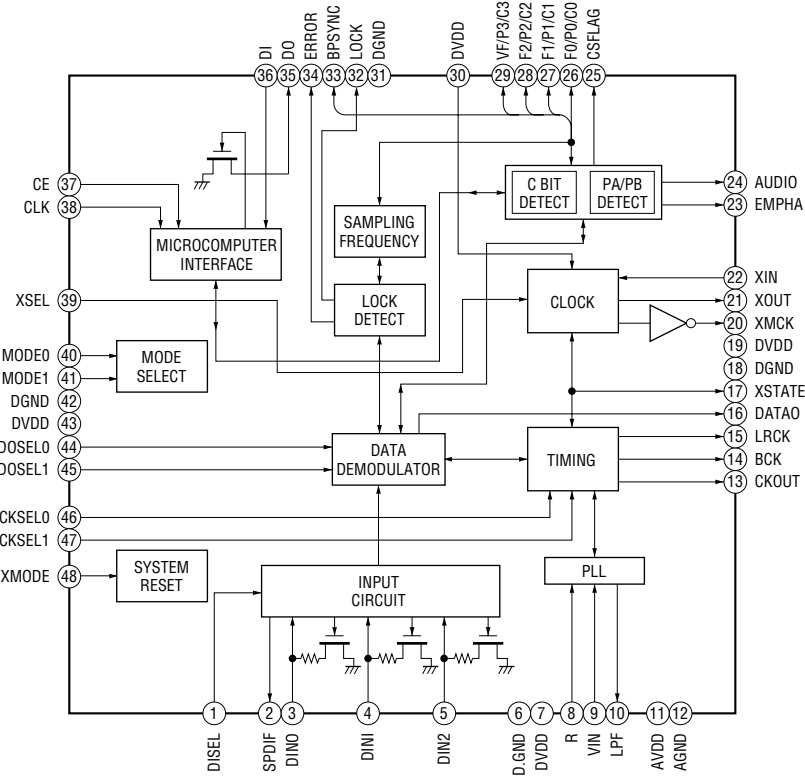
IC1131 BR24L16FJ-WE2



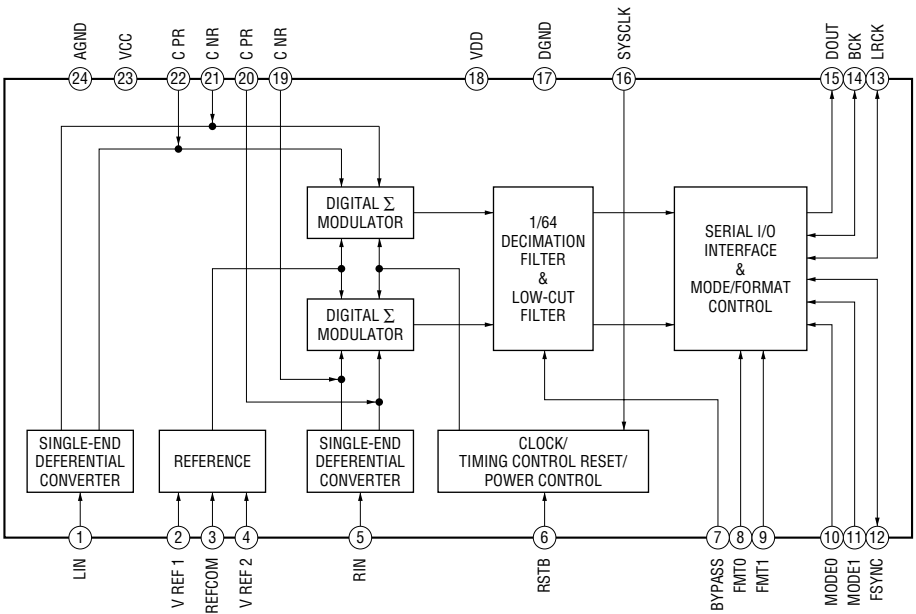
IC1452 PCM1602APT



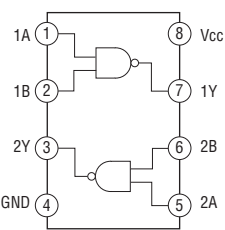
IC1301 LC89056W-E



IC1401 PCM1800E/2K

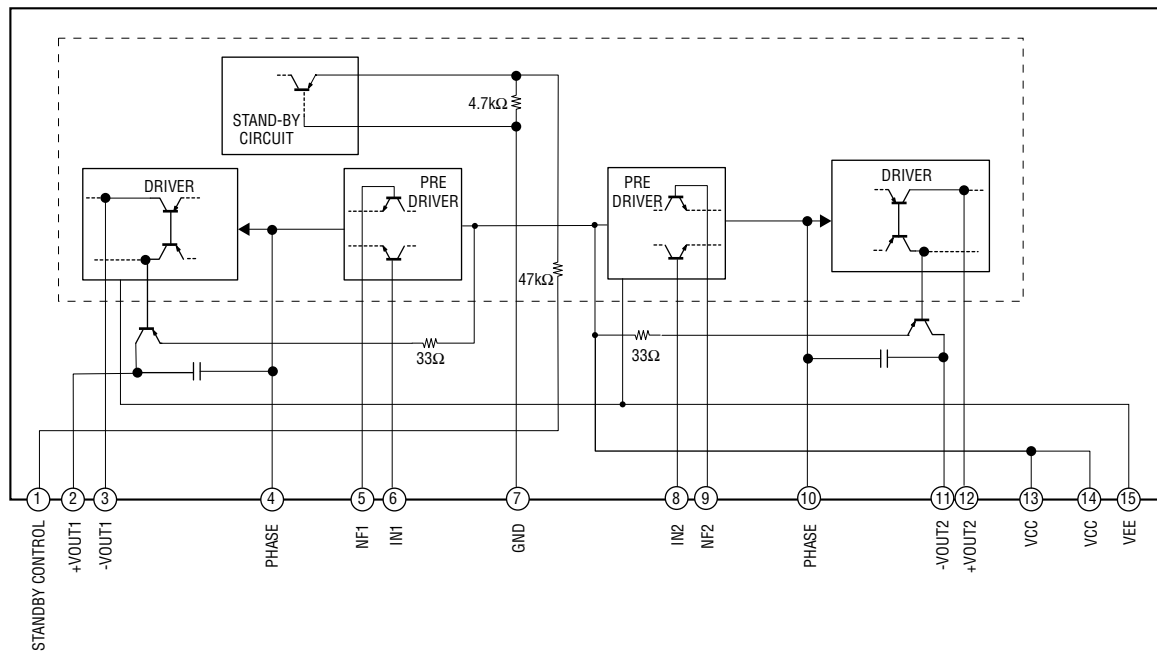


IC1503 TC7WH157FU (TE12R)

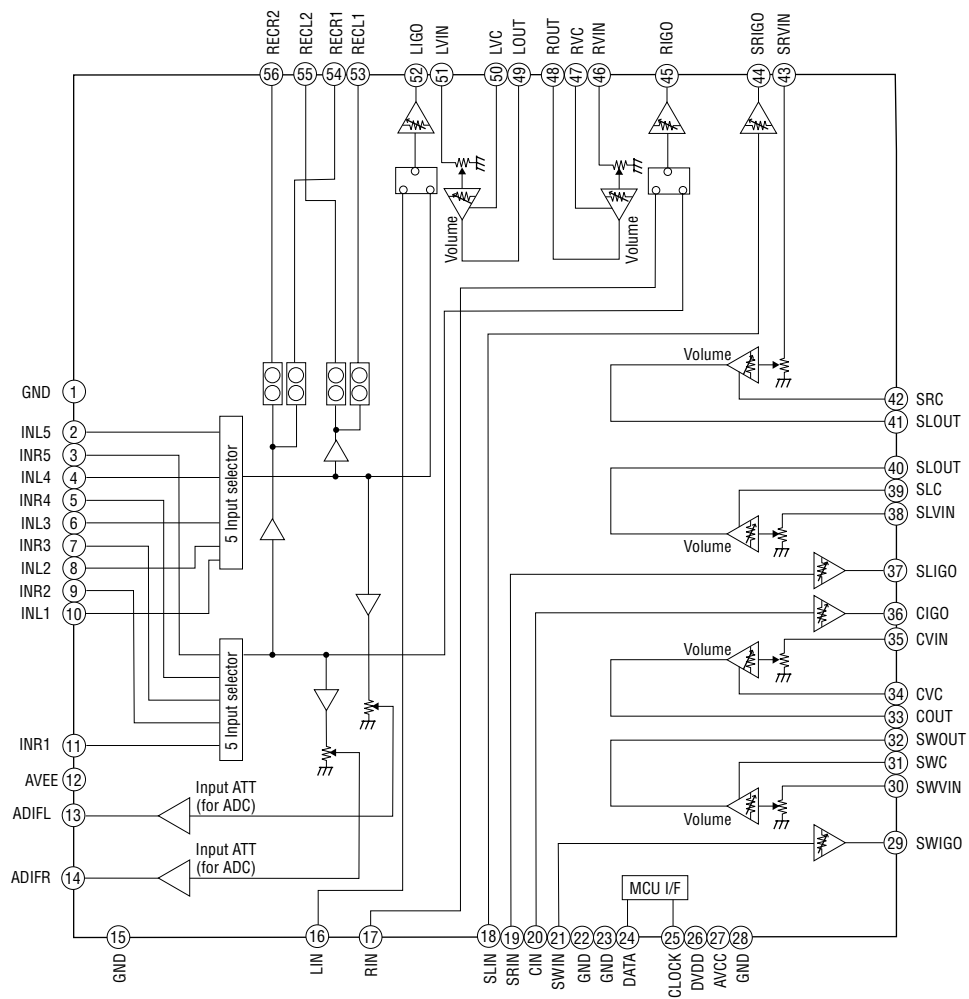


– MAIN Board –

IC501, IC601, IC701 STK350-530T-E



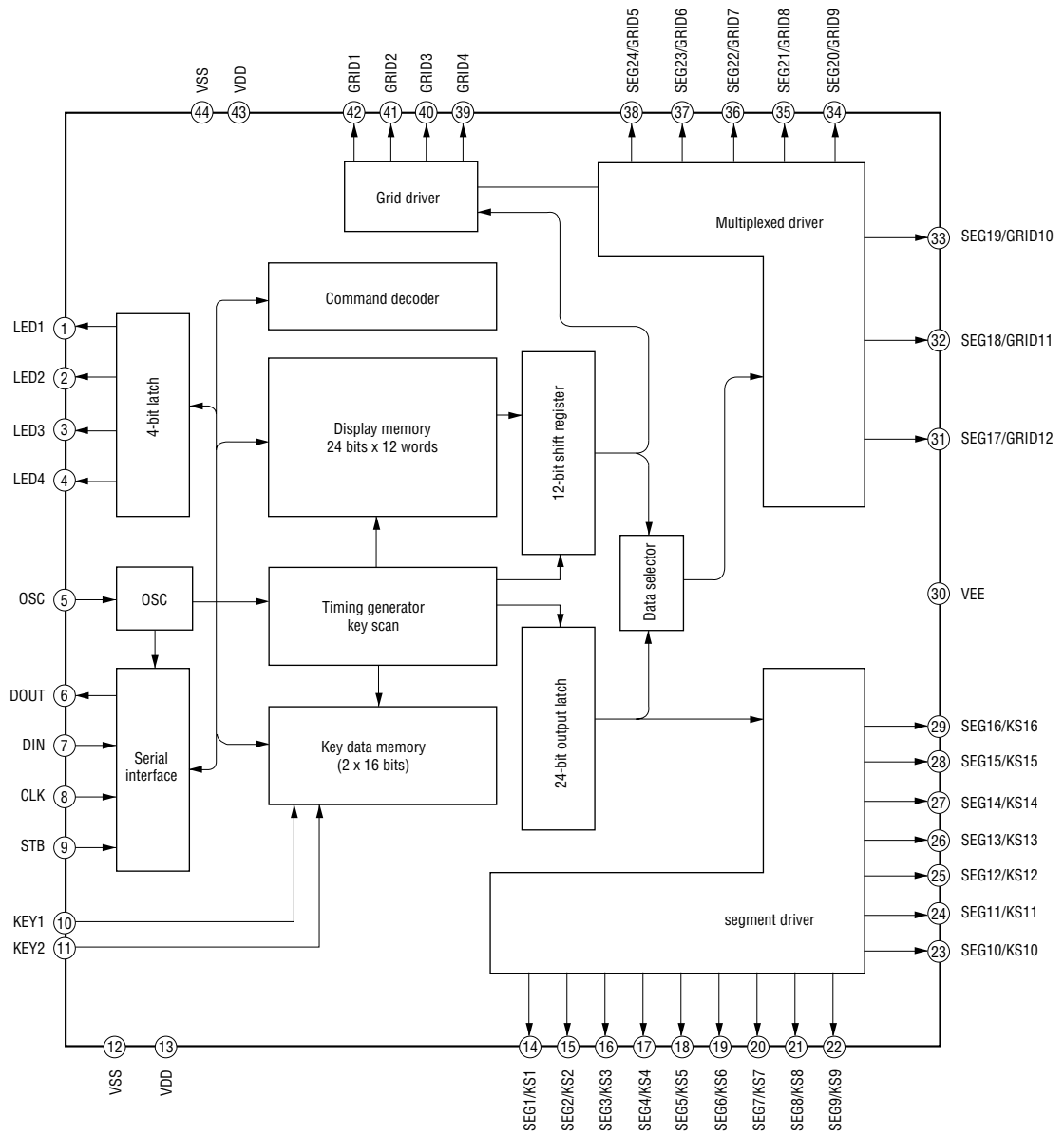
IC400 M61542FP



[illegible]

– DISPLAY Board –

IC100 PT6315



• IC Pin Function Description

DIGITAL BOARD IC1101 MB90488BPF-G-174E1 (SYSTEM CONTROL)

Pin No.	Pin Name	I/O	Description
1	DATAO	I	Audio data signal input from DIR
2	GP9	I	GP9 signal input from DSP
3	BST	O	BST signal output to DSP
4	HCS	O	HCS signal output to DSP
5	HACN	I	HACN signal input from DSP
6	XRST	O	Reset signal output to DSP
7	PM	O	PM signal output to DSP
8	GP12	O	GP12 signal output to DSP
9	PCM1800_RST	O	IC reset signal output to ADC
10	PCM1608_RST	O	IC reset signal output to DAC
11	VSS	—	Ground terminal
12	PCM1608_ML	O	Latch signal output to DAC
13	PCM1608_MC	O	Clock signal output to DAC
14	PCM1608_MDI	O	IC data output to DAC
15	PCM1608_MDO	I	IC data input from DAC
16	T.SERIAL_CLK	O	Tuner clock signal output terminal
17	TUNER_DATA	O	Tuner data signal output terminal
18	HDOUT	I	HDOUT signal input from DSP
19	HDIN	O	HDIN signal output to DSP
20	HCLK	O	Clock signal output to DSP
21	VOL_CLK	O	Clock signal output to the ASP
22	VOL_DATA_LATCH	O	Data output to the ASP
23	VCC5	—	Power supply (+3.3V)
24	SYS_MUTE	O	Muting and error signal output
25	ANA/DIG	O	Analog signal or digital signal output terminal
26	NOT_USED	—	Not used
27	FLASH2	O	FLASH2 signal output (not used)
28	FLASH1	O	FLASH1 signal output (not used)
29	SDA	I	EEPROM data signal input terminal
30	SCL	O	EEPROM clock signal output terminal
31	I/P_SEL (A)	I	Input Encoder (A) signal input
32	I/P_SEL (B)	I	Input Encoder (B) signal input
33	NOT_USED	—	Not used
34	NOT_USED	—	Not used
35	AVCC	—	Analog power supply (+3.3V)
36	AVRH	I	Analog reference voltage input (+3.3V)
37	AVSS	—	Analog ground terminal
38	A/D0	I	Function key push signal input
39	A/D1	I	Function key push signal input
40	A/D2	I	Function key push signal input
41	VERSION	I	Version setting input terminal (DESTINATION)
42	VSS	—	Ground terminal
43	RDS_SIG	I	RDS signal detect input (AEP) / Not used (Except AEP)
44	MODEL	I	MODEL select input
45	ADCC_ANALOGUE_IN	I	ADCC signal input
46	VACS	I	VACS control signal input
47	FL_LAT	O	FL driver latch signal output

Pin No.	Pin Name	I/O	Description
48	STOP	I	AC off detect signal input
49	MD0	I	Operation mode setting input
50	MD1	I	Operation mode setting input
51	MD2	I	Operation mode setting input
52	RDS_CLK	I	RDS clock signal input (AEP) / Not used (Fixed to “L”) (Except AEP)
53	RDS_DATA	I	RDS data signal input (AEP) / Not used (Fixed to “L”) (Except AEP)
54	SIRCS	I	Data signal input from the remote control sensor
55	HP_DETECT	I	Headphone signal input
56	POWER_KEY	I	Power switch key detect signal input
57	ADCC_DSP_IN	O	ADCC DSP input
58	POWER_RY	O	Power relay control signal output
59	FL_DATA	O	FL driver signal output terminal
60	FL_CLK	O	FL driver clock signal output terminal
61	PROTECTOR	I	Protector status detect signal input
62	HP_RY	O	Headphone relay control signal output
63	FUSE_DETECT	I	Fuse detect signal input
64	VOL_ENC (A)	I	Volume signal input from rotary encoder
65	VOL_ENC (B)	I	Volume signal input from rotary encoder
66	FRONT_RY	O	Front speaker relay control signal output
67	C/SW_RY	O	Center speaker or Sub woofer speaker control signal output
68	REAR_RY	O	Rear speaker control signal output
69	NOT_USED	—	Not used
70	NOT_USED	—	Not used
71	NOT_USED	—	Not used
72	NOT_USED	—	Not used
73	DO	I	Frequency data signal input from the tuner
74	SLATCH	O	Latch signal output to the tuner
75	TUNED	I	Tuning a frequency signal input from the tuner
76	STEREO	I	Stereo tuning signal input from the tuner
77	RSTX	I	System reset input
78	MUTE	O	Muting signal output to the tuner
79	X1A	—	Not used
80	X0A	—	Ground terminal
81	VSS	—	Ground terminal
82	X0	—	Connection for a crystal resonator
83	X1	—	Connection for a crystal resonator
84	VCC3	—	Power supply (+3.3V)
85	NOT_USED	—	Not used
86	SW1	O	Video select control signal output
87	SW2	O	Video select control signal output
88	SW3	O	Video select control signal output
89	SW4	O	Video select control signal output
90	NOT_USED	—	Not used
91	NOT_USED	—	Not used
92	LRCK_SW	O	LRCK signal output to the selector
93	XMODE	O	Reset signal output to DIR
94	CKSEL 1	O	CKSEL control signal output to DIR
95	CLK	O	Clock signal output to DIR
96	CE	O	Chip enable signal output to DIR

Pin No.	Pin Name	I/O	Description
97	DI	O	Data signal output to DIR
98	DO	I	Data signal input from DIR
99	ERROR	I	PLL error muting signal input from DIR
100	XSTATE	I	XSTATE data signal input from DIR

SECTION 5 EXPLODED VIEWS

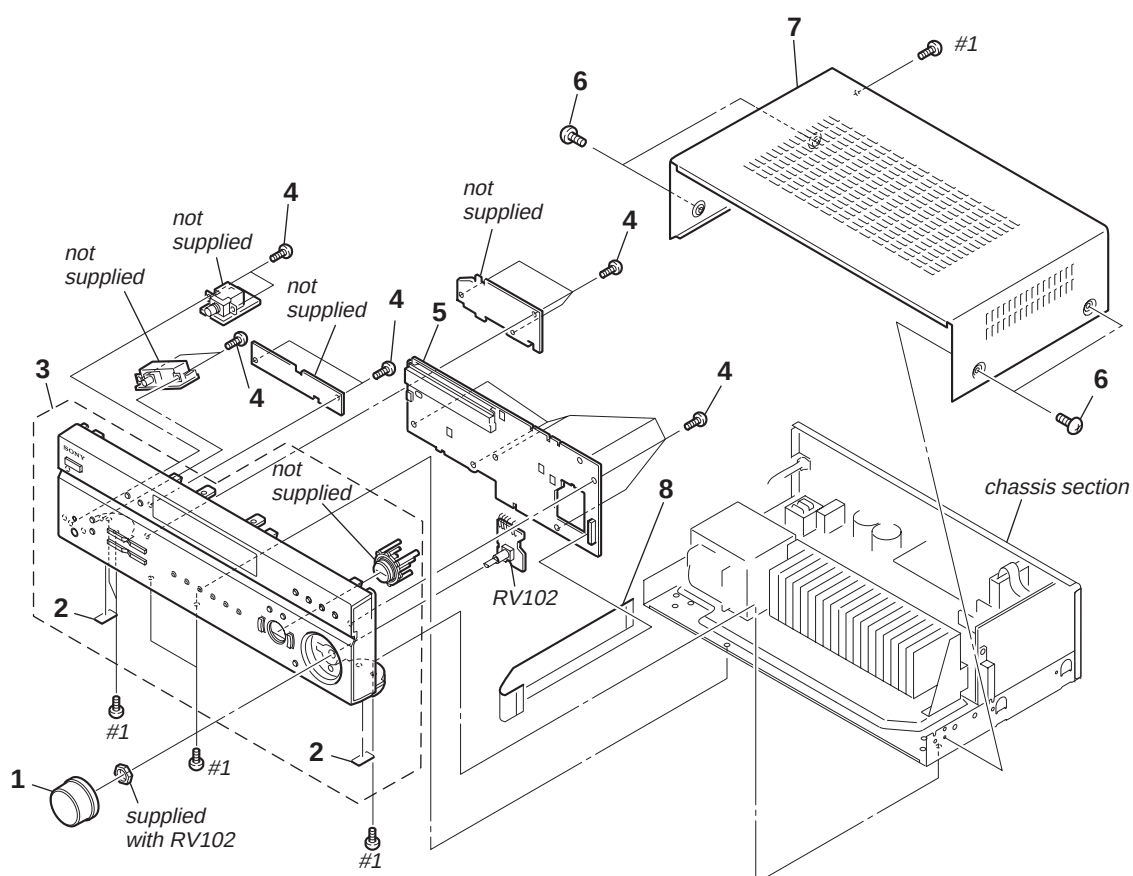
NOTE:

- XX and -X mean standardized parts, so they may have some difference from the original one.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- Abbreviation
AUS : Australian model
SP : Singapore model
SP6 : Singapore and Malaysia models

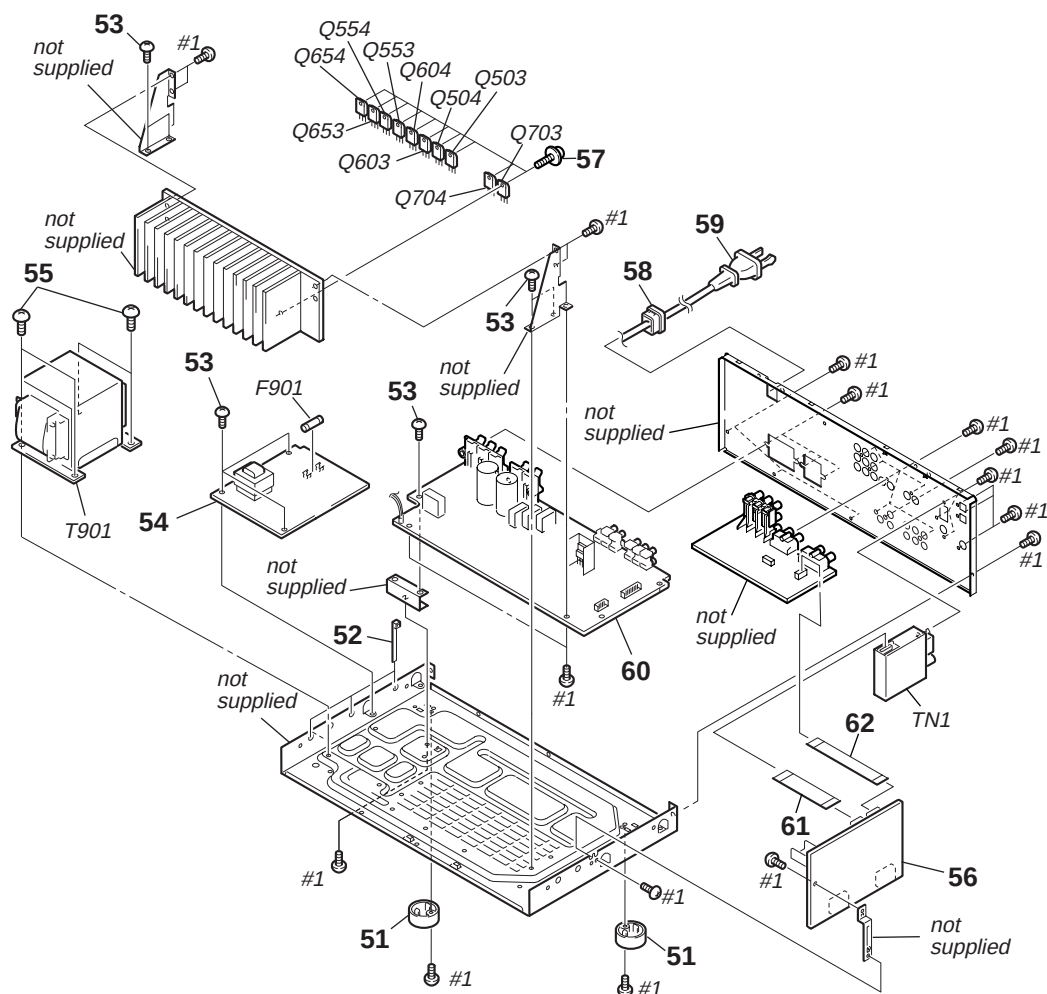
The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.

5-1. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	4-232-113-31	KNOB (VOL)		6	3-363-099-11	SCREW (CASE 3 TP2) (EXCEPT AEP)	
2	4-977-358-01	CUSHION		6	3-070-883-41	SCREW, TAPPING (AEP)	
3	X-2176-019-1	FRONT PANEL ASSY (AUS, SP, SP6)		7	4-245-939-61	CASE	
3	X-2178-989-1	FRONT PANEL ASSY (AEP)		8	1-829-004-11	WIRE (FLAT TYPE) (19 CORE)	
4	3-087-053-01	+BVTP2.6 (3CR)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
5	A-1157-676-A	DISPLAY BOARD, COMPLETE		RV102	1-418-725-41	ENCODER, ROTARY (12 TYPE)	

5-2. CHASSIS SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-4953-448-1	FOOT ASSY		△ F901	1-532-464-33	FUSE (T2.5AL/250V)	
52	3-701-748-00	CLAMP		Q503	6-702-390-01	IC MN2488-OPY-MK	
53	3-077-331-21	+BV3 (3-CR)		Q504	6-702-391-01	IC MP1620-OPY-MK	
54	A-1157-640-A	STANDBY BOARD, COMPLETE					
55	4-249-675-01	+BV SUMITITE S 4X6 ROUND		Q553	6-702-390-01	IC MN2488-OPY-MK	
56	A-1157-673-A	DIGITAL BOARD, COMPLETE (AEP)		Q554	6-702-391-01	IC MP1620-OPY-MK	
56	A-1157-682-A	DIGITAL BOARD, COMPLETE (SP, SP6)		Q603	6-702-390-01	IC MN2488-OPY-MK	
56	A-1157-687-A	DIGITAL BOARD, COMPLETE (AUS)		Q604	6-702-391-01	IC MP1620-OPY-MK	
57	3-905-609-01	SCREW (TRANSISTOR)		Q653	6-702-390-01	IC MN2488-OPY-MK	
58	3-703-244-21	CORD BUSH (2104)		Q654	6-702-391-01	IC MP1620-OPY-MK	
△ 59	1-696-848-81	CORD, POWER (AUS)		Q703	6-702-390-01	IC MN2488-OPY-MK	
△ 59	1-777-071-83	CORD, POWER (SP, SP6, AEP)		Q704	6-702-391-01	IC MP1620-OPY-MK	
60	A-1274-494-A	MAIN BOARD, COMPLETE (AUS, SP, SP6)		△ T901	1-443-916-11	POWER TRANSFORMER (AUS, AEP)	
60	A-1317-964-A	MAIN BOARD, COMPLETE (AEP)		△ T901	1-443-918-11	POWER TRANSFORMER (SP, SP6)	
61	1-828-963-11	WIRE (FLAT TYPE) (11 CORE) (AUS, SP, SP6)		TN1	1-693-676-11	TUNER (AEP)	
61	1-828-980-11	WIRE (FLAT TYPE) (15 CORE) (AEP)		TN1	1-693-678-11	TUNER (AUS, SP, SP6)	
62	1-828-936-11	WIRE (FLAT TYPE) (5 CORE)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

SECTION 6 ELECTRICAL PARTS LIST

ADCC

DIGITAL

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

- COILS**
uH: μ H
- CAPACITORS**
uF: μ F
- 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. . : μ A. . uPA. . : μ PA. .
uPB. . : μ PB. . uPC. . : μ PC. .
uPD. . : μ PD. .

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

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

- Abbreviation
AUS : Australian model
SP : Singapore model
SP6 : Singapore and Malaysia models

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
		ADCC BOARD	*****				A-1157-673-A	DIGITAL BOARD, COMPLETE (AEP)			
							A-1157-682-A	DIGITAL BOARD, COMPLETE (SP, SP6)			
							A-1157-687-A	DIGITAL BOARD, COMPLETE (AUS)			

		< CAPACITOR >					7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
								< CAPACITOR >			
C2001	1-128-809-11	CERAMIC	100PF	5%	50V	C1001	1-126-925-91	ELECT	470uF	20%	10V
C2002	1-126-160-11	ELECT	1uF	20%	50V	C1002	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C2003	1-127-882-31	CERAMIC	0.033uF	10%	50V	C1004	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C2005	1-128-803-11	CERAMIC	33PF	5%	50V	C1005	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C2006	1-126-160-11	ELECT	1uF	20%	50V	C1021	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C2008	1-128-806-11	CERAMIC	56PF	5%	50V	C1022	1-126-925-91	ELECT	470uF	20%	10V
C2010	1-127-882-31	CERAMIC	0.033uF	10%	50V	C1031	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C2011	1-127-880-11	CERAMIC	0.022uF	10%	50V	C1032	1-126-925-91	ELECT	470uF	20%	10V
C2012	1-127-880-11	CERAMIC	0.022uF	10%	50V	C1063	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C2013	1-126-160-11	ELECT	1uF	20%	50V						(AEP)
C2014	1-124-465-00	ELECT	0.47uF	20%	50V	C1064	1-126-947-11	ELECT	47uF	20%	35V
C2018	1-127-888-11	CERAMIC	0.1uF	10%	50V						(AEP)
		< CONNECTOR >									
CNP2000	1-784-921-11	PIN, CONNECTOR 4P				C1100	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
		< DIODE >				C1102	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
D2013	8-719-991-33	DIODE 1SS133T-77				C1103	1-126-947-11	ELECT	47uF	20%	35V
D2014	8-719-991-33	DIODE 1SS133T-77				C1107	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
		< IC >				C1108	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
IC2000	8-759-167-88	IC NJM4565D				C1118	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
		< JACK >				C1119	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
J2000	1-820-056-11	SMALL TYPE JACK (AUTO CAL MIC)				C1120	1-162-974-11	CERAMIC CHIP	0.01uF		50V
		< RESISTOR >				C1121	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
R2000	1-247-831-91	CARBON	1K	5%	1/4W	C1122	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
R2001	1-249-429-11	CARBON	10K	5%	1/4W	C1123	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
R2003	1-249-429-11	CARBON	10K	5%	1/4W	C1124	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
R2005	1-247-903-00	CARBON	1M	5%	1/4W	C1129	1-162-974-11	CERAMIC CHIP	0.01uF		50V
R2006	1-247-831-91	CARBON	1K	5%	1/4W	C1130	1-162-974-11	CERAMIC CHIP	0.01uF		50V
R2007	1-249-429-11	CARBON	10K	5%	1/4W	C1137	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
R2008	1-247-897-11	CARBON	560K	5%	1/4W	C1138	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
R2010	1-249-429-11	CARBON	10K	5%	1/4W	C1139	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
R2015	1-249-435-11	CARBON	33K	5%	1/4W	C1140	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
R2016	1-249-431-11	CARBON	15K	5%	1/4W	C1142	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
R2017	1-249-421-11	CARBON	2.2K	5%	1/4W	C1147	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
R2018	1-249-418-11	CARBON	1.2K	5%	1/4W	C1148	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
R2019	1-249-421-11	CARBON	2.2K	5%	1/4W	C1149	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
		*****				C1206	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
						C1251	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
						C1252	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
						C1253	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
						C1254	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
						C1255	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
						C1299	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
						C1301	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V

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Ref. No.	Part No.	Description			Remark
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
C1352	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1353	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1355	1-104-662-91	ELECT	22uF	20%	25V
C1356	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1357	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V
C1358	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1359	1-126-916-11	ELECT	1000uF	20%	6.3V
C1360	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C1361	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1362	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1401	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1402	1-126-947-11	ELECT	47uF	20%	35V
C1403	1-126-964-11	ELECT	10uF	20%	50V
C1404	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1405	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1406	1-126-963-11	ELECT	4.7uF	20%	50V
C1407	1-126-963-11	ELECT	4.7uF	20%	50V
C1408	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1409	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1418	1-126-964-11	ELECT	10uF	20%	50V
C1422	1-216-864-11	SHORT CHIP	0		
C1428	1-126-964-11	ELECT	10uF	20%	50V
C1432	1-216-864-11	SHORT CHIP	0		
C1438	1-126-964-11	ELECT	10uF	20%	50V
C1441	1-216-864-11	SHORT CHIP	0		
C1448	1-126-964-11	ELECT	10uF	20%	50V
C1450	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1454	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1457	1-126-964-11	ELECT	10uF	20%	50V
C1458	1-126-964-11	ELECT	10uF	20%	50V
C1460	1-126-964-11	ELECT	10uF	20%	50V
C1462	1-216-864-11	SHORT CHIP	0		
C1468	1-126-964-11	ELECT	10uF	20%	50V
C1472	1-216-864-11	SHORT CHIP	0		
C1483	1-216-864-11	SHORT CHIP	0		
C1487	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1491	1-126-964-11	ELECT	10uF	20%	50V
C1494	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1495	1-162-960-11	CERAMIC CHIP	220PF	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

Ref. No.	Part No.	Description			Remark
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	1-126-925-91	ELECT	470uF	20%	10V
C1516	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1517	1-126-925-91	ELECT	470uF	20%	10V
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	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1522	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1525	1-126-925-91	ELECT	470uF	20%	10V
C1547	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1566	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1567	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1568	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1569	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1604	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1605	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1620	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1905	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1906	1-126-925-91	ELECT	470uF	20%	10V
C1908	1-126-925-91	ELECT	470uF	20%	10V
C1913	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1914	1-126-947-11	ELECT	47uF	20%	35V
< CONNECTOR >					
CNP503	1-784-921-11	PIN, CONNECTOR 4P			
CNP504	1-784-922-11	PIN, CONNECTOR 5P			
CNP505	1-784-924-11	PIN, CONNECTOR 8P			
CNS501	1-573-829-11	CONNECTOR, BOARD TO BOARD			
		(RECEPTACLE) 15P			
CNS502	1-766-719-41	CONNECTOR, BOARD TO BOARD 10P			
CNS505	1-784-780-11	CONNECTOR, FFC 19P			
CNS508	1-568-830-11	CONNECTOR, FFC 11P (AUS, SP, SP6)			
CNS508	1-784-776-11	CONNECTOR, FFC 15P (AEP)			
CNS509	1-784-766-11	CONNECTOR, FFC 5P			
< DIODE >					
D1001	8-719-053-18	DIODE 1SR154-400TE-25			
D1003	8-719-049-09	DIODE 1SS367-T3SONY			
D1004	8-719-049-09	DIODE 1SS367-T3SONY			
D1107	6-501-193-01	DIODE 1SS355WTE-17			
D1110	6-501-193-01	DIODE 1SS355WTE-17			
D1111	6-501-193-01	DIODE 1SS355WTE-17			
D1112	8-719-049-09	DIODE 1SS367-T3SONY			
D1113	8-719-049-09	DIODE 1SS367-T3SONY			
D1114	8-719-049-09	DIODE 1SS367-T3SONY			
D1301	6-501-193-01	DIODE 1SS355WTE-17			
D1302	6-501-193-01	DIODE 1SS355WTE-17			
< FERRITE BEAD >					
FB1101	1-400-862-11	BEAD, FERRITE 0uH			
FB1302	1-400-862-11	BEAD, FERRITE 0uH			
FB1305	1-400-862-11	BEAD, FERRITE 0uH			
FB1306	1-400-862-11	BEAD, FERRITE 0uH			
FB1308	1-400-862-11	BEAD, FERRITE 0uH			
FB1405	1-400-862-11	BEAD, FERRITE 0uH			
FB1452	1-400-862-11	BEAD, FERRITE 0uH			
FB1453	1-400-862-11	BEAD, FERRITE 0uH			
FB1501	1-400-862-11	BEAD, FERRITE 0uH			

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
FB1502	1-400-862-11	BEAD, FERRITE 0uH				R1097	1-216-845-11	METAL CHIP	100K	5%	1/10W
FB1503	1-400-862-11	BEAD, FERRITE				R1099	1-216-833-11	METAL CHIP	10K	5%	1/10W
		< IC >				R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W
IC1001	8-759-231-53	IC TA7805S				R1106	1-216-809-11	METAL CHIP	100	5%	1/10W
IC1031	6-703-547-01	IC TA7805LS				R1107	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
IC1071	6-702-771-01	IC TA78033LS (AEP)				R1108	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
IC1101	6-806-145-01	IC MB90488BPF-G-174E1				R1109	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
IC1111	6-702-913-01	IC S-80929CNMC-G8ZT2G				R1112	1-216-809-11	METAL CHIP	100	5%	1/10W
						R1113	1-216-809-11	METAL CHIP	100	5%	1/10W
IC1131	6-705-866-01	IC BR24L16FJ-WE2				R1115	1-216-809-11	METAL CHIP	100	5%	1/10W
IC1301	8-759-825-15	IC LC89056W-E				R1117	1-216-821-11	METAL CHIP	1K	5%	1/10W
IC1303	8-759-242-70	IC TC7WU04F				R1118	1-216-821-11	METAL CHIP	1K	5%	1/10W
IC1352	6-600-466-01	IC TORX147L (SONY) (VIDEO 1/OPTICAL)				R1119	1-216-821-11	METAL CHIP	1K	5%	1/10W
IC1353	6-600-466-01	IC TORX147L (SONY) (VIDEO 2/OPTICAL)				R1120	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R1121	1-216-809-11	METAL CHIP	100	5%	1/10W
IC1401	8-759-560-56	IC PCM1800E/2K				R1122	1-216-809-11	METAL CHIP	100	5%	1/10W
IC1452	6-708-784-01	IC PCM1602APT									
IC1501	6-707-754-01	IC CXD9862R				R1123	1-216-809-11	METAL CHIP	100	5%	1/10W
IC1502	6-709-278-01	IC IS61WV6416BLL-12TLI				R1124	1-216-809-11	METAL CHIP	100	5%	1/10W
IC1503	8-759-546-74	IC TC7WH157FU (TE12R)				R1127	1-216-809-11	METAL CHIP	100	5%	1/10W
						R1128	1-216-809-11	METAL CHIP	100	5%	1/10W
IC1901	6-707-168-01	IC SI-3008KWFE				R1129	1-216-809-11	METAL CHIP	100	5%	1/10W
IC1902	8-759-231-56	IC TA7809S									
IC1904	6-705-463-01	IC BA33BC0T				R1134	1-216-809-11	METAL CHIP	100	5%	1/10W
		< JACK >				R1135	1-216-809-11	METAL CHIP	100	5%	1/10W
J1301	1-794-972-11	JACK, PIN 1P (DVD IN/COAXIAL)				R1136	1-216-809-11	METAL CHIP	100	5%	1/10W
		< SHORT >				R1137	1-216-809-11	METAL CHIP	100	5%	1/10W
JR1020	1-216-864-11	SHORT CHIP 0				R1140	1-216-809-11	METAL CHIP	100	5%	1/10W
JR1202	1-216-864-11	SHORT CHIP 0 (AUS, SP, SP6)				R1142	1-216-809-11	METAL CHIP	100	5%	1/10W
JR1502	1-216-864-11	SHORT CHIP 0				R1143	1-216-809-11	METAL CHIP	100	5%	1/10W
JR1511	1-400-862-11	BEAD, FERRITE				R1144	1-216-809-11	METAL CHIP	100	5%	1/10W
		< RESISTOR >				R1149	1-216-809-11	METAL CHIP	100	5%	1/10W
						R1150	1-216-809-11	METAL CHIP	100	5%	1/10W
R1035	1-216-825-11	METAL CHIP 2.2K	5%	1/10W		R1151	1-216-809-11	METAL CHIP	100	5%	1/10W
R1039	1-216-833-11	METAL CHIP 10K	5%	1/10W		R1152	1-216-809-11	METAL CHIP	100	5%	1/10W
R1041	1-216-809-11	METAL CHIP 100	5%	1/10W		R1153	1-216-809-11	METAL CHIP	100	5%	1/10W
R1042	1-216-809-11	METAL CHIP 100	5%	1/10W		R1154	1-216-809-11	METAL CHIP	100	5%	1/10W
R1044	1-216-809-11	METAL CHIP 100	5%	1/10W		R1155	1-216-809-11	METAL CHIP	100	5%	1/10W
R1049	1-216-833-11	METAL CHIP 10K	5%	1/10W		R1156	1-216-864-11	SHORT CHIP 0			
R1058	1-216-813-11	METAL CHIP 220	5%	1/10W		R1157	1-216-864-11	SHORT CHIP 0			
		(AEP)				R1159	1-216-827-11	METAL CHIP 3.3K	5%	1/10W	
R1059	1-216-813-11	METAL CHIP 220	5%	1/10W		R1160	1-216-809-11	METAL CHIP 100	5%	1/10W	
		(AEP)				R1161	1-216-809-11	METAL CHIP 100	5%	1/10W	
R1065	1-216-809-11	METAL CHIP 100	5%	1/10W		R1162	1-216-809-11	METAL CHIP 100	5%	1/10W	
R1066	1-216-809-11	METAL CHIP 100	5%	1/10W		R1163	1-216-841-11	METAL CHIP 47K	5%	1/10W	
						R1164	1-216-825-11	METAL CHIP 2.2K	5%	1/10W	
R1067	1-216-809-11	METAL CHIP 100	5%	1/10W		R1167	1-216-809-11	METAL CHIP 100	5%	1/10W	
R1068	1-216-809-11	METAL CHIP 100	5%	1/10W		R1168	1-216-809-11	METAL CHIP 100	5%	1/10W	
R1071	1-216-827-11	METAL CHIP 3.3K	5%	1/10W							
R1072	1-216-827-11	METAL CHIP 3.3K	5%	1/10W		R1175	1-216-809-11	METAL CHIP 100	5%	1/10W	
R1073	1-216-827-11	METAL CHIP 3.3K	5%	1/10W							(AEP)
						R1179	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R1076	1-216-809-11	METAL CHIP 100	5%	1/10W		R1180	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R1077	1-216-809-11	METAL CHIP 100	5%	1/10W		R1186	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R1078	1-216-809-11	METAL CHIP 100	5%	1/10W		R1187	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R1082	1-216-809-11	METAL CHIP 100	5%	1/10W							
R1083	1-216-833-11	METAL CHIP 10K	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	
R1088	1-216-833-11	METAL CHIP 10K	5%	1/10W		R1193	1-216-841-11	METAL CHIP 47K	5%	1/10W	
R1094	1-216-833-11	METAL CHIP 10K	5%	1/10W		R1194	1-216-825-11	METAL CHIP 2.2K	5%	1/10W	
		(AUS, SP, SP6)									(AEP)
R1095	1-216-833-11	METAL CHIP 10K	5%	1/10W		R1194	1-216-829-11	METAL CHIP 4.7K	5%	1/10W	(AUS, SP, SP6)
		(AUS, SP, SP6)									
R1096	1-216-833-11	METAL CHIP 10K	5%	1/10W		R1198	1-216-845-11	METAL CHIP 100K	5%	1/10W	
						R1201	1-216-837-11	METAL CHIP 22K	5%	1/10W	

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Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R1251	1-216-840-11	METAL CHIP	39K	5%	1/10W	R1494	1-216-864-11	SHORT CHIP	0		
R1252	1-216-840-11	METAL CHIP	39K	5%	1/10W	R1495	1-216-864-11	SHORT CHIP	0		
R1260	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1501	1-216-809-11	METAL CHIP	100	5%	1/10W
R1261	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1502	1-216-809-11	METAL CHIP	100	5%	1/10W
R1301	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	R1503	1-216-813-11	METAL CHIP	220	5%	1/10W
R1302	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1504	1-216-809-11	METAL CHIP	100	5%	1/10W
R1303	1-216-839-11	METAL CHIP	33K	5%	1/10W	R1505	1-216-809-11	METAL CHIP	100	5%	1/10W
R1304	1-216-809-11	METAL CHIP	100	5%	1/10W	R1506	1-216-809-11	METAL CHIP	100	5%	1/10W
R1305	1-216-819-11	METAL CHIP	680	5%	1/10W	R1508	1-216-809-11	METAL CHIP	100	5%	1/10W
R1306	1-216-801-11	METAL CHIP	22	5%	1/10W	R1509	1-216-809-11	METAL CHIP	100	5%	1/10W
R1307	1-216-809-11	METAL CHIP	100	5%	1/10W	R1510	1-216-809-11	METAL CHIP	100	5%	1/10W
R1308	1-216-809-11	METAL CHIP	100	5%	1/10W	R1511	1-216-809-11	METAL CHIP	100	5%	1/10W
R1309	1-216-809-11	METAL CHIP	100	5%	1/10W	R1512	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1310	1-216-857-11	METAL CHIP	1M	5%	1/10W	R1513	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1311	1-216-809-11	METAL CHIP	100	5%	1/10W	R1514	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1312	1-216-809-11	METAL CHIP	100	5%	1/10W	R1515	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1313	1-216-809-11	METAL CHIP	100	5%	1/10W	R1517	1-216-813-11	METAL CHIP	220	5%	1/10W
R1314	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1518	1-216-813-11	METAL CHIP	220	5%	1/10W
R1315	1-216-809-11	METAL CHIP	100	5%	1/10W	R1519	1-216-813-11	METAL CHIP	220	5%	1/10W
R1316	1-216-809-11	METAL CHIP	100	5%	1/10W	R1520	1-216-813-11	METAL CHIP	220	5%	1/10W
R1318	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1521	1-216-813-11	METAL CHIP	220	5%	1/10W
R1352	1-216-809-11	METAL CHIP	100	5%	1/10W	R1522	1-216-813-11	METAL CHIP	220	5%	1/10W
R1353	1-216-809-11	METAL CHIP	100	5%	1/10W	R1523	1-216-813-11	METAL CHIP	220	5%	1/10W
R1355	1-218-285-11	METAL CHIP	75	5%	1/10W	R1524	1-216-864-11	SHORT CHIP	0		
R1356	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1525	1-216-813-11	METAL CHIP	220	5%	1/10W
R1357	1-216-837-11	METAL CHIP	22K	5%	1/10W	R1526	1-216-813-11	METAL CHIP	220	5%	1/10W
R1358	1-216-854-11	METAL CHIP	560K	5%	1/10W	R1527	1-216-813-11	METAL CHIP	220	5%	1/10W
R1359	1-216-809-11	METAL CHIP	100	5%	1/10W	R1528	1-216-813-11	METAL CHIP	220	5%	1/10W
R1360	1-216-809-11	METAL CHIP	100	5%	1/10W	R1531	1-216-813-11	METAL CHIP	220	5%	1/10W
R1362	1-216-809-11	METAL CHIP	100	5%	1/10W	R1532	1-216-813-11	METAL CHIP	220	5%	1/10W
R1363	1-216-809-11	METAL CHIP	100	5%	1/10W	R1533	1-216-813-11	METAL CHIP	220	5%	1/10W
R1401	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1534	1-216-813-11	METAL CHIP	220	5%	1/10W
R1402	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1535	1-216-813-11	METAL CHIP	220	5%	1/10W
R1403	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1536	1-216-813-11	METAL CHIP	220	5%	1/10W
R1407	1-216-809-11	METAL CHIP	100	5%	1/10W	R1537	1-216-813-11	METAL CHIP	220	5%	1/10W
R1425	1-216-864-11	SHORT CHIP	0			R1538	1-216-813-11	METAL CHIP	220	5%	1/10W
R1426	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1539	1-216-813-11	METAL CHIP	220	5%	1/10W
R1435	1-216-864-11	SHORT CHIP	0			R1540	1-216-813-11	METAL CHIP	220	5%	1/10W
R1436	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1541	1-216-813-11	METAL CHIP	220	5%	1/10W
R1445	1-216-864-11	SHORT CHIP	0			R1542	1-216-813-11	METAL CHIP	220	5%	1/10W
R1446	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1543	1-216-813-11	METAL CHIP	220	5%	1/10W
R1458	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1544	1-216-813-11	METAL CHIP	220	5%	1/10W
R1459	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1545	1-216-813-11	METAL CHIP	220	5%	1/10W
R1460	1-216-864-11	SHORT CHIP	0			R1546	1-216-813-11	METAL CHIP	220	5%	1/10W
R1461	1-216-864-11	SHORT CHIP	0			R1547	1-216-813-11	METAL CHIP	220	5%	1/10W
R1464	1-216-864-11	SHORT CHIP	0			R1548	1-216-813-11	METAL CHIP	220	5%	1/10W
R1466	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1549	1-216-813-11	METAL CHIP	220	5%	1/10W
R1470	1-216-864-11	SHORT CHIP	0			R1550	1-216-813-11	METAL CHIP	220	5%	1/10W
R1471	1-216-864-11	SHORT CHIP	0			R1551	1-216-813-11	METAL CHIP	220	5%	1/10W
R1472	1-216-864-11	SHORT CHIP	0			R1552	1-216-813-11	METAL CHIP	220	5%	1/10W
R1474	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1553	1-216-813-11	METAL CHIP	220	5%	1/10W
R1475	1-216-864-11	SHORT CHIP	0			R1554	1-216-813-11	METAL CHIP	220	5%	1/10W
R1476	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1555	1-216-813-11	METAL CHIP	220	5%	1/10W
R1484	1-216-864-11	SHORT CHIP	0			R1556	1-216-809-11	METAL CHIP	100	5%	1/10W
R1486	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1570	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1491	1-216-864-11	SHORT CHIP	0			R1571	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1492	1-216-864-11	SHORT CHIP	0			R1572	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1493	1-216-864-11	SHORT CHIP	0								

DIGITAL

DISPLAY

HEADPHONE

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R1573	1-216-833-11	METAL CHIP	10K	5%	1/10W	R114	1-249-415-11	CARBON	680	5%	1/4W
R1574	1-216-833-11	METAL CHIP	10K	5%	1/10W	R116	1-249-419-11	CARBON	1.5K	5%	1/4W
R1635	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R137	1-249-419-11	CARBON	1.5K	5%	1/4W
R1636	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R138	1-249-421-11	CARBON	2.2K	5%	1/4W
< VIBRATOR >						R139	1-247-847-91	CARBON	4.7K	5%	1/4W
X1101	1-813-448-21	PIEZOELECTRIC OSCILLATOR (24MHz)				R150	1-249-440-11	CARBON	82K	5%	1/4W
X1301	1-795-126-21	VIBRATOR, CRYSTAL (12.88MHz)				R153	1-247-807-31	CARBON	100	5%	1/4W
X1502	1-813-276-21	QUARTZ CRYSTAL (13.9MHz)				R172	1-247-807-31	CARBON	100	5%	1/4W
*****						R173	1-247-807-31	CARBON	100	5%	1/4W
A-1157-676-A	DISPLAY BOARD, COMPLETE					R174	1-247-807-31	CARBON	100	5%	1/4W
*****						R175	1-249-393-11	CARBON	10	5%	1/4W
< CAPACITOR >						R198	1-249-385-11	CARBON	2.2	5%	1/4W
C100	1-135-798-11	CERAMIC	0.22uF		50V	R199	1-249-385-11	CARBON	2.2	5%	1/4W
C101	1-135-798-11	CERAMIC	0.22uF		50V	< VARIABLE RESISTOR >					
C108	1-135-798-11	CERAMIC	0.22uF		50V	RV102	1-418-725-41	ENCODER, ROTARY (12 TYPE)			
C109	1-135-798-11	CERAMIC	0.22uF		50V	(MASTER VOLUME)					
C110	1-127-868-11	CERAMIC	2200PF	10%	50V	< SWITCH >					
C111	1-162-282-31	CERAMIC	100PF	10%	50V	S100	1-771-410-21	SWITCH, TACTILE (INPUT MODE)			
C112	1-162-282-31	CERAMIC	100PF	10%	50V	S101	1-771-410-21	SWITCH, TACTILE (>)			
C114	1-135-798-11	CERAMIC	0.22uF		50V	S102	1-771-410-21	SWITCH, TACTILE (v)			
C115	1-124-261-00	ELECT	10uF	20%	50V	S103	1-771-410-21	SWITCH, TACTILE (Λ)			
C144	1-135-798-11	CERAMIC	0.22uF		50V	S104	1-771-410-21	SWITCH, TACTILE (<)			
C150	1-135-798-11	CERAMIC	0.22uF		50V	S105	1-771-410-21	SWITCH, TACTILE (FM)			
C151	1-124-261-00	ELECT	10uF	20%	50V	S106	1-771-410-21	SWITCH, TACTILE (AM)			
C152	1-162-286-31	CERAMIC	220PF	10%	50V	S107	1-771-410-21	SWITCH, TACTILE (AMP MENU)			
C153	1-162-286-31	CERAMIC	220PF	10%	50V	S108	1-771-410-21	SWITCH, TACTILE (ENTER)			
C154	1-162-286-31	CERAMIC	220PF	10%	50V	S110	1-771-410-21	SWITCH, TACTILE (MUSIC)			
C155	1-135-798-11	CERAMIC	0.22uF		50V	S111	1-771-410-21	SWITCH, TACTILE (MOVIE)			
C156	1-135-798-11	CERAMIC	0.22uF		50V	S112	1-771-410-21	SWITCH, TACTILE (A. F. D.)			
C157	1-135-798-11	CERAMIC	0.22uF		50V	S113	1-771-410-21	SWITCH, TACTILE (2CH)			
< CONNECTOR >						S116	1-771-410-21	SWITCH, TACTILE (SA-CD/CD)			
CNS100	1-784-780-11	CONNECTOR, FFC 19P				S137	1-771-410-21	SWITCH, TACTILE (VIDEO 1)			
< FLUORESCENT INDICATOR TUBE >						S138	1-771-410-21	SWITCH, TACTILE (VIDEO 2)			
FL101	1-518-966-11	VOCUUM FLUORESENT DISPLAYS				S139	1-771-410-21	SWITCH, TACTILE (DVD)			
< IC >						*****					
IC100	8-759-643-83	IC uPD16315GB-3BS				HEADPHONE BOARD					
IC101	8-759-243-51	IC TC74ACT08P				*****					
IC102	6-600-309-01	IC RPM7240-H9				< CONNECTOR >					
< RESISTOR >						CNP701	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
R101	1-249-409-11	CARBON	220	5%	1/4W	< JACK >					
R102	1-249-411-11	CARBON	330	5%	1/4W	J700	1-815-314-21	JACK (PHONES)			
R103	1-249-413-11	CARBON	470	5%	1/4W	*****					
R104	1-249-415-11	CARBON	680	5%	1/4W	A-1274-494-A	MAIN BOARD, COMPLETE (AUS, SP, SP6)				
R105	1-247-831-91	CARBON	1K	5%	1/4W	A-1317-964-A	MAIN BOARD, COMPLETE (AEP)				
R106	1-249-419-11	CARBON	1.5K	5%	1/4W	*****					
R107	1-249-421-11	CARBON	2.2K	5%	1/4W	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3				
R108	1-247-847-91	CARBON	4.7K	5%	1/4W	< CAPACITOR >					
R111	1-249-409-11	CARBON	220	5%	1/4W	C400	1-127-888-11	CERAMIC	0.1uF	10%	50V
R112	1-249-411-11	CARBON	330	5%	1/4W	C402	1-126-964-11	ELECT	10uF	20%	50V
R113	1-249-413-11	CARBON	470	5%	1/4W	C403	1-162-294-31	CERAMIC	0.001uF	10%	50V
						C404	1-162-294-31	CERAMIC	0.001uF	10%	50V
						C421	1-126-963-11	ELECT	4.7uF	20%	50V

STR-K785

Ver. 1.2

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C422	1-126-963-11	ELECT	4.7uF	20%	50V	C614	1-127-876-11	CERAMIC	0.01uF	10%	50V
C423	1-126-963-11	ELECT	4.7uF	20%	50V	C615	1-126-964-11	ELECT	10uF	20%	50V
C424	1-126-963-11	ELECT	4.7uF	20%	50V	C616	1-136-157-00	FILM	0.022uF	5%	50V
C425	1-126-963-11	ELECT	4.7uF	20%	50V	C651	1-126-963-11	ELECT	4.7uF	20%	50V
C426	1-126-963-11	ELECT	4.7uF	20%	50V	C652	1-128-809-11	CERAMIC	100PF	5%	50V
C431	1-126-961-11	ELECT	2.2uF	20%	50V	C653	1-128-809-11	CERAMIC	100PF	5%	50V
C432	1-126-961-11	ELECT	2.2uF	20%	50V	C654	1-101-810-00	CERAMIC	100PF	5%	500V
C433	1-126-961-11	ELECT	2.2uF	20%	50V	C656	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C434	1-126-961-11	ELECT	2.2uF	20%	50V	C657	1-104-658-91	ELECT	100uF	20%	10V
C435	1-126-961-11	ELECT	2.2uF	20%	50V	C658	1-126-947-11	ELECT	47uF	20%	35V
C436	1-126-961-11	ELECT	2.2uF	20%	50V	C661	1-162-815-11	CERAMIC	47PF	5%	500V
C446	1-126-963-11	ELECT	4.7uF	20%	50V	C662	1-162-815-11	CERAMIC	47PF	5%	500V
C452	1-126-964-11	ELECT	10uF	20%	50V	C663	1-128-813-11	CERAMIC	220PF	5%	50V
C471	1-104-658-91	ELECT	100uF	20%	10V	C664	1-127-876-11	CERAMIC	0.01uF	10%	50V
C472	1-127-888-11	CERAMIC	0.1uF	10%	50V	C665	1-126-964-11	ELECT	10uF	20%	50V
C482	1-127-888-11	CERAMIC	0.1uF	10%	50V	C666	1-136-157-00	FILM	0.022uF	5%	50V
C484	1-127-888-11	CERAMIC	0.1uF	10%	50V	C700	1-128-579-11	ELECT	2.2uF	20%	100V
C500	1-128-579-11	ELECT	2.2uF	20%	100V	C701	1-126-963-11	ELECT	4.7uF	20%	50V
C501	1-126-963-11	ELECT	4.7uF	20%	50V	C702	1-128-809-11	CERAMIC	100PF	5%	50V
C502	1-128-809-11	CERAMIC	100PF	5%	50V	C703	1-128-809-11	CERAMIC	100PF	5%	50V
C503	1-128-809-11	CERAMIC	100PF	5%	50V	C704	1-101-810-00	CERAMIC	100PF	5%	500V
C504	1-101-810-00	CERAMIC	100PF	5%	500V	C706	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C506	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C707	1-104-658-91	ELECT	100uF	20%	10V
C507	1-104-658-91	ELECT	100uF	20%	10V	C708	1-126-947-11	ELECT	47uF	20%	35V
C508	1-126-947-11	ELECT	47uF	20%	35V	C711	1-162-815-11	CERAMIC	47PF	5%	500V
C511	1-162-815-11	CERAMIC	47PF	5%	500V	C712	1-162-815-11	CERAMIC	47PF	5%	500V
C512	1-162-815-11	CERAMIC	47PF	5%	500V	C713	1-128-813-11	CERAMIC	220PF	5%	50V
C513	1-128-813-11	CERAMIC	220PF	5%	50V	C714	1-127-876-11	CERAMIC	0.01uF	10%	50V
C514	1-127-876-11	CERAMIC	0.01uF	10%	50V	C715	1-126-964-11	ELECT	10uF	20%	50V
C515	1-126-964-11	ELECT	10uF	20%	50V	C716	1-136-157-00	FILM	0.022uF	5%	50V
C516	1-136-157-00	FILM	0.022uF	5%	50V	C729	1-127-876-11	CERAMIC	0.01uF	10%	50V
C529	1-127-876-11	CERAMIC	0.01uF	10%	50V	C801	1-135-798-11	CERAMIC	0.22uF		50V
C549	1-127-876-11	CERAMIC	0.01uF	10%	50V	C802	1-135-798-11	CERAMIC	0.22uF		50V
C551	1-126-963-11	ELECT	4.7uF	20%	50V	C803	1-126-936-11	ELECT	3300uF	20%	16V
C552	1-128-809-11	CERAMIC	100PF	5%	50V	C806	1-126-947-11	ELECT	47uF	20%	35V
C553	1-128-809-11	CERAMIC	100PF	5%	50V	C807	1-126-947-11	ELECT	47uF	20%	35V
C554	1-101-810-00	CERAMIC	100PF	5%	500V	C808	1-126-947-11	ELECT	47uF	20%	35V
C556	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C811	1-135-851-21	MYLAR	0.22uF		100V
C557	1-104-658-91	ELECT	100uF	20%	10V	C812	1-135-851-21	MYLAR	0.22uF		100V
C558	1-126-947-11	ELECT	47uF	20%	35V	C813	1-100-968-11	ELECT	4700uF	20%	63V
C561	1-162-815-11	CERAMIC	47PF	5%	500V	C814	1-100-968-11	ELECT	4700uF	20%	63V
C562	1-162-815-11	CERAMIC	47PF	5%	500V	C815	1-128-582-11	ELECT	10uF	20%	100V
C563	1-128-813-11	CERAMIC	220PF	5%	50V	C816	1-128-582-11	ELECT	10uF	20%	100V
C564	1-127-876-11	CERAMIC	0.01uF	10%	50V	C821	1-127-888-11	CERAMIC	0.1uF	10%	50V
C565	1-126-964-11	ELECT	10uF	20%	50V	C822	1-127-888-11	CERAMIC	0.1uF	10%	50V
C566	1-136-157-00	FILM	0.022uF	5%	50V	C823	1-126-947-11	ELECT	47uF	20%	35V
C600	1-128-579-11	ELECT	2.2uF	20%	100V	C824	1-126-947-11	ELECT	47uF	20%	35V
C601	1-126-963-11	ELECT	4.7uF	20%	50V	C842	1-112-128-11	ELECT	47uF	20%	25V
C602	1-128-809-11	CERAMIC	100PF	5%	50V	C851	1-127-888-11	CERAMIC	0.1uF	10%	50V
C603	1-128-809-11	CERAMIC	100PF	5%	50V	C881	1-126-925-91	ELECT	470uF	20%	10V
C604	1-101-810-00	CERAMIC	100PF	5%	500V	C882	1-126-964-11	ELECT	10uF	20%	50V
C606	1-107-583-11	CERAMIC	3PF	0.25PF	500V	< CAPACITOR >					
C607	1-104-658-91	ELECT	100uF	20%	10V	CC01	1-128-809-11	CERAMIC	100PF	5%	50V
C608	1-126-947-11	ELECT	47uF	20%	35V	CC02	1-128-809-11	CERAMIC	100PF	5%	50V
C611	1-162-815-11	CERAMIC	47PF	5%	500V	CC03	1-128-809-11	CERAMIC	100PF	5%	50V
C612	1-162-815-11	CERAMIC	47PF	5%	500V	CC04	1-128-809-11	CERAMIC	100PF	5%	50V
C613	1-128-813-11	CERAMIC	220PF	5%	50V	CC11	1-127-876-11	CERAMIC	0.01uF	10%	50V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
CC12	1-127-876-11	CERAMIC 0.01uF 10% 50V		△ IC822	8-759-071-47	IC TA79007S	
CC13	1-127-876-11	CERAMIC 0.01uF 10% 50V		IC850	8-759-167-88	IC NJM4565D	
CC14	1-127-876-11	CERAMIC 0.01uF 10% 50V				< JACK >	
CC15	1-127-876-11	CERAMIC 0.01uF 10% 50V					
CC51	1-128-809-11	CERAMIC 100PF 5% 50V		J400	1-774-411-11	JACK, PIN 6P (SA-CD/CD,DVD,VIDEO 2)	
CC52	1-128-809-11	CERAMIC 100PF 5% 50V		J402	1-815-045-11	JACK, PIN 2P (VIDEO 1)	
CC53	1-128-809-11	CERAMIC 100PF 5% 50V		J403	1-770-377-21	JACK, PIN 1P (SUB WOOFER)	
CC54	1-128-809-11	CERAMIC 100PF 5% 50V				< RESISTOR >	
		< CONNECTOR >		JW753	1-247-873-91	CARBON 56K 5% 1/4W	
CN504	1-779-978-11	PIN, CONNECTOR 3P				< TRANSISTOR >	
CNP501	1-573-847-11	CONNECTOR, BOARD TO BOARD (PLUG) 15P					
* CNP502	1-766-715-11	CONNECTOR, BOARD TO BOARD 10P		Q471	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
CNP503	1-779-799-11	PIN, CONNECTOR 9P		Q501	8-729-119-76	TRANSISTOR 2SA1175-HFE	
* CNP901	1-564-104-00	PIN, CONNECTOR (3.96mm PITCH) 3P		Q502	8-729-141-30	TRANSISTOR 2SC3623A-LK	
CNP902	1-691-767-11	PLUG (MICRO CONNECTOR) 5P		Q505	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
CNP916	1-766-200-11	SOCKET, CONNECTOR PIN 5P		Q506	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
		< DIODE >		Q507	8-729-205-12	TRANSISTOR 2SC1815-GR-TPE2	
D501	8-719-991-33	DIODE 1SS133T-77		Q508	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D502	8-719-991-33	DIODE 1SS133T-77		Q509	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D503	8-719-991-33	DIODE 1SS133T-77		Q551	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D529	8-719-991-33	DIODE 1SS133T-77		Q552	8-729-141-30	TRANSISTOR 2SC3623A-LK	
D549	8-719-991-33	DIODE 1SS133T-77		Q555	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
D551	8-719-991-33	DIODE 1SS133T-77		Q556	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
D552	8-719-991-33	DIODE 1SS133T-77		Q557	8-729-281-53	TRANSISTOR 2SC1815-GR	
D601	8-719-991-33	DIODE 1SS133T-77		Q560	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D602	8-719-991-33	DIODE 1SS133T-77		Q601	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D603	8-719-991-33	DIODE 1SS133T-77		Q602	8-729-141-30	TRANSISTOR 2SC3623A-LK	
D651	8-719-991-33	DIODE 1SS133T-77		Q605	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
D652	8-719-991-33	DIODE 1SS133T-77		Q606	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
D701	8-719-991-33	DIODE 1SS133T-77		Q607	8-729-281-53	TRANSISTOR 2SC1815-GR	
D702	8-719-991-33	DIODE 1SS133T-77		Q608	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D703	8-719-991-33	DIODE 1SS133T-77		Q651	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D729	8-719-991-33	DIODE 1SS133T-77		Q652	8-729-141-30	TRANSISTOR 2SC3623A-LK	
D752	8-719-991-33	DIODE 1SS133T-77		Q655	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
D791	8-719-991-33	DIODE 1SS133T-77		Q656	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
△ D801	8-719-986-46	DIODE HZS20-1LTA		Q657	8-729-281-53	TRANSISTOR 2SC1815-GR	
△ D802	8-719-068-28	DIODE HZ6.8BP-TK		Q701	8-729-119-76	TRANSISTOR 2SA1175-HFE	
△ D804	6-500-522-11	DIODE 10EDB40-TA2B5		Q702	8-729-141-30	TRANSISTOR 2SC3623A-LK	
△ D805	6-500-522-11	DIODE 10EDB40-TA2B5		Q705	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
△ D806	6-500-522-11	DIODE 10EDB40-TA2B5		Q706	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
△ D807	6-500-522-11	DIODE 10EDB40-TA2B5		Q707	8-729-281-53	TRANSISTOR 2SC1815-GR	
△ D811	8-719-081-52	DIODE D5SBA20-4003		Q708	8-729-119-78	TRANSISTOR 2SC2785-HFE	
△ D821	8-719-043-76	DIODE AK04V0		△ Q801	8-729-140-97	TRANSISTOR 2SB734-34	
D841	8-719-921-48	DIODE MTZJ-5.6C		Q851	8-729-281-53	TRANSISTOR 2SC1815-GR	
D851	8-719-991-33	DIODE 1SS133T-77		Q852	8-729-029-40	TRANSISTOR DTA124ESA	
D881	8-719-991-33	DIODE 1SS133T-77		Q881	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
D882	8-719-991-33	DIODE 1SS133T-77		Q882	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D883	8-719-991-33	DIODE 1SS133T-77		Q883	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
		< IC >				< RESISTOR >	
IC400	6-707-169-01	IC M61542FP		R401	1-247-831-91	CARBON 1K 5% 1/4W	
△ IC501	6-710-828-01	IC STK350-530T-E		R402	1-247-831-91	CARBON 1K 5% 1/4W	
△ IC601	6-710-828-01	IC STK350-530T-E		R403	1-247-831-91	CARBON 1K 5% 1/4W	
△ IC701	6-710-828-01	IC STK350-530T-E		R404	1-247-831-91	CARBON 1K 5% 1/4W	
△ IC821	8-759-071-48	IC TA7807S		R406	1-247-807-31	CARBON 100 5% 1/4W	

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MAIN

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
R407	1-247-807-31	CARBON	100	5%	1/4W		R567	1-249-431-11	CARBON	15K	5%	1/4W	
R416	1-247-831-91	CARBON	1K	5%	1/4W		R568	1-247-863-91	CARBON	22K	5%	1/4W	
R451	1-247-831-91	CARBON	1K	5%	1/4W								
R452	1-247-831-91	CARBON	1K	5%	1/4W		R569	1-247-863-91	CARBON	22K	5%	1/4W	
R453	1-247-831-91	CARBON	1K	5%	1/4W		R570	1-249-439-11	CARBON	68K	5%	1/4W	
							△ R571	1-249-393-11	CARBON	10	5%	1/4W	F
R454	1-247-831-91	CARBON	1K	5%	1/4W		R572	1-247-871-91	CARBON	47K	5%	1/4W	
R469	1-247-831-91	CARBON	1K	5%	1/4W		R600	1-247-871-91	CARBON	47K	5%	1/4W	
R471	1-249-415-11	CARBON	680	5%	1/4W								(SP, AUS)
R472	1-247-831-91	CARBON	1K	5%	1/4W								
R473	1-249-421-11	CARBON	2.2K	5%	1/4W		R601	1-247-831-91	CARBON	1K	5%	1/4W	
							R602	1-249-439-11	CARBON	68K	5%	1/4W	
R479	1-249-421-11	CARBON	2.2K	5%	1/4W		R603	1-249-422-11	CARBON	2.7K	5%	1/4W	
R500	1-247-871-91	CARBON	47K	5%	1/4W		R604	1-249-439-11	CARBON	68K	5%	1/4W	
						(SP, AUS)	R605	1-249-421-11	CARBON	2.2K	5%	1/4W	
R501	1-247-831-91	CARBON	1K	5%	1/4W								
R502	1-249-439-11	CARBON	68K	5%	1/4W		R606	1-249-440-11	CARBON	82K	5%	1/4W	
R503	1-249-422-11	CARBON	2.7K	5%	1/4W		R607	1-249-414-11	CARBON	560	5%	1/4W	
							△ R608	1-249-405-11	CARBON	100	5%	1/4W	F
R504	1-249-439-11	CARBON	68K	5%	1/4W		△ R609	1-249-405-11	CARBON	100	5%	1/4W	F
R505	1-249-421-11	CARBON	2.2K	5%	1/4W		△ R610	1-234-182-11	ENCAPSULATED COMPONENT				F
R506	1-249-440-11	CARBON	82K	5%	1/4W								
R507	1-249-414-11	CARBON	560	5%	1/4W		R611	1-247-847-91	CARBON	4.7K	5%	1/4W	
△ R508	1-249-405-11	CARBON	100	5%	1/4W	F	△ R612	1-240-855-81	CARBON	6.2K	5%	1/4W	F
							R613	1-249-419-11	CARBON	1.5K	5%	1/4W	
△ R509	1-249-405-11	CARBON	100	5%	1/4W	F	R614	1-249-431-11	CARBON	15K	5%	1/4W	
△ R510	1-234-182-11	ENCAPSULATED COMPONENT				F	R615	1-247-863-91	CARBON	22K	5%	1/4W	
R511	1-247-847-91	CARBON	4.7K	5%	1/4W								
△ R512	1-240-855-81	CARBON	6.2K	5%	1/4W	F	R616	1-247-843-11	CARBON	3.3K	5%	1/4W	
R513	1-249-419-11	CARBON	1.5K	5%	1/4W		R617	1-249-431-11	CARBON	15K	5%	1/4W	
							R618	1-247-863-91	CARBON	22K	5%	1/4W	
R514	1-249-431-11	CARBON	15K	5%	1/4W		R619	1-247-863-91	CARBON	22K	5%	1/4W	
R515	1-247-863-91	CARBON	22K	5%	1/4W		R620	1-249-439-11	CARBON	68K	5%	1/4W	
R516	1-247-843-11	CARBON	3.3K	5%	1/4W								
R517	1-249-431-11	CARBON	15K	5%	1/4W		△ R621	1-249-393-11	CARBON	10	5%	1/4W	F
R518	1-247-863-91	CARBON	22K	5%	1/4W		R622	1-247-871-91	CARBON	47K	5%	1/4W	
							△ R624	1-249-404-00	CARBON	82	5%	1/4W	F
R519	1-247-863-91	CARBON	22K	5%	1/4W		R625	1-249-421-11	CARBON	2.2K	5%	1/4W	
R520	1-249-439-11	CARBON	68K	5%	1/4W		R651	1-247-831-91	CARBON	1K	5%	1/4W	
△ R521	1-249-393-11	CARBON	10	5%	1/4W	F							
R522	1-247-871-91	CARBON	47K	5%	1/4W		R652	1-249-439-11	CARBON	68K	5%	1/4W	
△ R524	1-249-404-00	CARBON	82	5%	1/4W	F	R653	1-249-422-11	CARBON	2.7K	5%	1/4W	
							R654	1-249-439-11	CARBON	68K	5%	1/4W	
R525	1-249-421-11	CARBON	2.2K	5%	1/4W		R655	1-249-421-11	CARBON	2.2K	5%	1/4W	
R529	1-247-871-91	CARBON	47K	5%	1/4W		R656	1-249-440-11	CARBON	82K	5%	1/4W	
R531	1-215-868-00	METAL OXIDE	680	5%	1W								
R532	1-215-868-00	METAL OXIDE	680	5%	1W		R657	1-249-414-11	CARBON	560	5%	1/4W	
R539	1-247-879-91	CARBON	100K	5%	1/4W		△ R658	1-249-405-11	CARBON	100	5%	1/4W	F
							△ R659	1-249-405-11	CARBON	100	5%	1/4W	
R549	1-247-871-91	CARBON	47K	5%	1/4W		△ R660	1-234-182-11	ENCAPSULATED COMPONENT				F
R550	1-247-879-91	CARBON	100K	5%	1/4W		R661	1-247-847-91	CARBON	4.7K	5%	1/4W	
R551	1-247-831-91	CARBON	1K	5%	1/4W								
R552	1-249-439-11	CARBON	68K	5%	1/4W		△ R662	1-240-855-81	CARBON	6.2K	5%	1/4W	F
R553	1-249-422-11	CARBON	2.7K	5%	1/4W		R663	1-249-419-11	CARBON	1.5K	5%	1/4W	
							R664	1-249-431-11	CARBON	15K	5%	1/4W	
R554	1-249-439-11	CARBON	68K	5%	1/4W		R665	1-247-863-91	CARBON	22K	5%	1/4W	
R555	1-249-421-11	CARBON	2.2K	5%	1/4W		R666	1-247-843-11	CARBON	3.3K	5%	1/4W	
R556	1-249-440-11	CARBON	82K	5%	1/4W								
R557	1-249-414-11	CARBON	560	5%	1/4W		R667	1-249-431-11	CARBON	15K	5%	1/4W	
△ R558	1-249-405-11	CARBON	100	5%	1/4W	F	R668	1-247-863-91	CARBON	22K	5%	1/4W	
							R669	1-247-863-91	CARBON	22K	5%	1/4W	
△ R559	1-249-405-11	CARBON	100	5%	1/4W	F	R670	1-249-439-11	CARBON	68K	5%	1/4W	
△ R560	1-234-182-11	ENCAPSULATED COMPONENT				F	△ R671	1-249-393-11	CARBON	10	5%	1/4W	F
R561	1-247-847-91	CARBON	4.7K	5%	1/4W								
△ R562	1-240-855-81	CARBON	6.2K	5%	1/4W	F	R672	1-247-871-91	CARBON	47K	5%	1/4W	
R563	1-249-419-11	CARBON	1.5K	5%	1/4W		R700	1-247-871-91	CARBON	47K	5%	1/4W	
													(SP, AUS)
R564	1-249-431-11	CARBON	15K	5%	1/4W		R701	1-247-831-91	CARBON	1K	5%	1/4W	
R565	1-247-863-91	CARBON	22K	5%	1/4W		R702	1-249-439-11	CARBON	68K	5%	1/4W	
R566	1-247-843-11	CARBON	3.3K	5%	1/4W		R703	1-249-422-11	CARBON	2.7K	5%	1/4W	

MAIN

POWER

STANDBY

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R704	1-249-439-11	CARBON	68K	5%	1/4W	△RR15	1-249-393-11	CARBON	10	5%	1/4W F
R705	1-249-421-11	CARBON	2.2K	5%	1/4W			< RELAY >			
R707	1-249-414-11	CARBON	560	5%	1/4W						
△R708	1-249-405-11	CARBON	100	5%	1/4W F	RY501	1-755-421-11	RELAY			
△R709	1-249-405-11	CARBON	100	5%	1/4W F	RY502	1-755-421-11	RELAY			
						RY601	1-755-421-11	RELAY			
△R710	1-234-182-11	ENCAPSULATED COMPONENT			F	RY701	1-755-421-11	RELAY			
R711	1-247-847-91	CARBON	4.7K	5%	1/4W	RY702	1-755-267-11	RELAY			
△R712	1-240-855-81	CARBON	6.2K	5%	1/4W F			< TERMINAL >			
R713	1-247-863-91	CARBON	1.5K	5%	1/4W						
R714	1-249-431-11	CARBON	15K	5%	1/4W						
						TM600	1-694-805-11	TERMINAL BOARD			
R715	1-247-863-91	CARBON	22K	5%	1/4W			(SPEAKERS / CENTER, FRONT)			
R716	1-247-843-11	CARBON	3.3K	5%	1/4W	TM602	1-694-785-11	TERMINAL BOARD (SPEAKERS / SURROUND)			
R717	1-249-431-11	CARBON	15K	5%	1/4W			*****			
R718	1-247-863-91	CARBON	22K	5%	1/4W			POWER BOARD			
R719	1-247-863-91	CARBON	22K	5%	1/4W			*****			
								< RESISTOR >			
R720	1-249-439-11	CARBON	68K	5%	1/4W						
△R721	1-249-393-11	CARBON	10	5%	1/4W F	R115	1-247-831-91	CARBON	1K	5%	1/4W
R722	1-247-871-91	CARBON	47K	5%	1/4W			< SWITCH >			
△R724	1-249-404-00	CARBON	82	5%	1/4W F						
R725	1-249-421-11	CARBON	2.2K	5%	1/4W	S114	1-771-410-21	SWITCH, TACTILE (DISPLAY)			
						S115	1-771-410-21	SWITCH, TACTILE (DIMMER)			
R729	1-247-871-91	CARBON	47K	5%	1/4W	S152	1-771-410-21	SWITCH, TACTILE (I/⏻)			
R740	1-247-879-91	CARBON	100K	5%	1/4W			*****			
R752	1-247-873-91	CARBON	56K	5%	1/4W			A-1157-640-A	STANDBY BOARD, COMPLETE		
R780	1-247-847-91	CARBON	4.7K	5%	1/4W			*****			
R782	1-247-879-91	CARBON	100K	5%	1/4W						
						FH902	1-533-217-41	HOLDER, FUSE			
R783	1-247-871-91	CARBON	47K	5%	1/4W	FH952	1-533-217-41	HOLDER, FUSE			
R791	1-249-421-11	CARBON	2.2K	5%	1/4W			< CAPACITOR >			
△R793	1-249-404-00	CARBON	82	5%	1/4W F						
△R802	1-249-409-11	CARBON	220	5%	1/4W F	C901	1-135-798-11	CERAMIC	0.22uF		50V
△R803	1-249-389-11	CARBON	4.7	5%	1/4W F	C902	1-135-798-11	CERAMIC	0.22uF		50V
						C911	1-135-798-11	CERAMIC	0.22uF		50V
R804	1-249-429-11	CARBON	10K	5%	1/4W	C912	1-135-798-11	CERAMIC	0.22uF		50V
R806	1-247-863-91	CARBON	22K	5%	1/4W	C913	1-126-959-11	ELECT	0.47uF	20%	50V
△R815	1-249-381-11	CARBON	1	5%	1/4W F						
△R816	1-249-381-11	CARBON	1	5%	1/4W F	C914	1-126-936-11	ELECT	3300uF	20%	16V
R840	1-249-427-11	CARBON	6.8K	5%	1/4W	C915	1-126-943-11	ELECT	2200uF	20%	25V
						C916	1-126-942-61	ELECT	1000uF	20%	25V
R843	1-247-863-91	CARBON	22K	5%	1/4W			< CONNECTOR >			
R844	1-247-863-91	CARBON	22K	5%	1/4W	CNP801	1-784-922-11	PIN, CONNECTOR 5P			
R851	1-249-429-11	CARBON	10K	5%	1/4W	CNP900	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
R852	1-249-429-11	CARBON	10K	5%	1/4W	CNP903	1-564-506-11	PLUG, CONNECTOR 3P			
R853	1-249-429-11	CARBON	10K	5%	1/4W	CNP904	1-794-577-21	PIN, CONNECTOR (POWER)			
						CNP906	1-766-203-11	PLUG, CONNECTOR PIN (PC BOARD) 5P			
R854	1-249-435-11	CARBON	33K	5%	1/4W			< DIODE >			
R855	1-247-887-00	CARBON	220K	5%	1/4W	D901	8-719-991-33	DIODE 1SS133T-77			
R856	1-247-895-00	CARBON	470K	5%	1/4W	D910	6-500-522-11	DIODE 10EDB40-TA2B5			
R857	1-249-429-11	CARBON	10K	5%	1/4W	D911	6-500-522-11	DIODE 10EDB40-TA2B5			
R858	1-215-889-00	METAL OXIDE	330	5%	2W	D912	6-500-522-11	DIODE 10EDB40-TA2B5			
						D913	6-500-522-11	DIODE 10EDB40-TA2B5			
R859	1-216-453-00	METAL OXIDE	270	5%	2W						
R881	1-247-871-91	CARBON	47K	5%	1/4W	D914	8-719-991-33	DIODE 1SS133T-77			
R882	1-249-429-11	CARBON	10K	5%	1/4W	D915	8-719-991-33	DIODE 1SS133T-77			
R883	1-249-427-11	CARBON	6.8K	5%	1/4W	D920	6-500-522-11	DIODE 10EDB40-TA2B5			
R884	1-249-436-11	CARBON	39K	5%	1/4W	D921	6-500-522-11	DIODE 10EDB40-TA2B5			
						D922	6-500-522-11	DIODE 10EDB40-TA2B5			
R885	1-247-831-91	CARBON	1K	5%	1/4W						
△R910	1-243-635-11	FUSIBLE	0.33	5%	1/2W F						
		< RESISTOR >									
△RR11	1-249-393-11	CARBON	10	5%	1/4W F						
△RR12	1-249-393-11	CARBON	10	5%	1/4W F						
△RR13	1-249-393-11	CARBON	10	5%	1/4W F						
△RR14	1-249-393-11	CARBON	10	5%	1/4W F						

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STANDBY TUNING VIDEO

Ref. No.	Part No.	Description	Remark			
D923	6-500-522-11	DIODE 10EDB40-TA2B5				
< TRANSISTOR >						
Q901	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q911	8-729-119-78	TRANSISTOR	2SC2785-HFE			
< RESISTOR >						
△ R810	1-243-634-91	FUSIBLE	0.22	5%	1/2W	
△ R812	1-243-634-91	FUSIBLE	0.22	5%	1/2W	
R903	1-247-871-91	CARBON	47K	5%	1/4W	
R904	1-247-847-91	CARBON	4.7K	5%	1/4W	
△ R905	1-249-381-11	CARBON	1	5%	1/4W	F
R911	1-247-871-91	CARBON	47K	5%	1/4W	
R912	1-249-435-11	CARBON	33K	5%	1/4W	
R913	1-249-429-11	CARBON	10K	5%	1/4W	
< RELAY >						
△ RY901	1-755-439-11	RELAY				
< POWER TRANSFORMER >						
△ TP900	1-443-517-11	POWER TRANSFORMER				

TUNING BOARD						

< RESISTOR >						
R132	1-249-409-11	CARBON	220	5%	1/4W	
R133	1-249-411-11	CARBON	330	5%	1/4W	
R134	1-249-413-11	CARBON	470	5%	1/4W	
R135	1-249-415-11	CARBON	680	5%	1/4W	
R136	1-247-831-91	CARBON	1K	5%	1/4W	
< SWITCH >						
S131	1-771-410-21	SWITCH, TACTILE (TUNING-)				
S132	1-771-410-21	SWITCH, TACTILE (FM MODE)				
S133	1-771-410-21	SWITCH, TACTILE (MEMORY)				
S134	1-771-410-21	SWITCH, TACTILE (PRESET TUNING-)				
S135	1-771-410-21	SWITCH, TACTILE (PRESET TUNING+)				
S136	1-771-410-21	SWITCH, TACTILE (TUNING+)				

VIDEO BOARD						

< CAPACITOR >						
C201	1-128-805-11	CERAMIC	47PF	5%	50V	
C206	1-126-964-11	ELECT	10uF	20%	50V	
C207	1-126-964-11	ELECT	10uF	20%	50V	
C208	1-126-964-11	ELECT	10uF	20%	50V	
C210	1-126-964-11	ELECT	10uF	20%	50V	
C213	1-126-934-11	ELECT	220uF	20%	16V	
C214	1-164-159-11	CERAMIC	0.1uF		50V	
C215	1-164-159-11	CERAMIC	0.1uF		50V	
C248	1-128-825-11	CERAMIC	2200PF	5%	50V	
C250	1-128-825-11	CERAMIC	2200PF	5%	50V	
C251	1-126-964-11	ELECT	10uF	20%	50V	

Ref. No.	Part No.	Description	Remark		
C252	1-126-964-11	ELECT	10uF	20%	50V
C253	1-126-964-11	ELECT	10uF	20%	50V
C254	1-126-964-11	ELECT	10uF	20%	50V
C255	1-126-964-11	ELECT	10uF	20%	50V
C256	1-126-964-11	ELECT	10uF	20%	50V
C257	1-127-888-11	CERAMIC	0.1uF	10%	50V
C258	1-126-947-11	ELECT	47uF	20%	35V
C259	1-127-888-11	CERAMIC	0.1uF	10%	50V
C260	1-126-947-11	ELECT	47uF	20%	35V
C809	1-126-934-11	ELECT	220uF	20%	16V
C825	1-164-159-11	CERAMIC	0.1uF		50V
C826	1-164-159-11	CERAMIC	0.1uF		50V
< CONNECTOR >					
CNP156	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CNS250	1-784-766-11	CONNECTOR, FFC 5P			
< IC >					
IC203	8-759-333-84	IC	NJM2279D		
IC251	6-707-363-01	IC	NJM2586AL		
IC804	8-759-245-79	IC	TA79005S		
IC807	8-759-231-53	IC	TA7805S		
< JACK >					
J201	1-815-043-11	JACK, PIN 2P	(VIDEO IN/VIDEO 1, VIDEO OUT/MONITOR)		
J203	1-815-043-11	JACK, PIN 2P	(VIDEO IN/DVD, VIDEO IN/VIDEO 2)		
J251	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO)			
< RESISTOR >					
R201	1-247-804-11	CARBON	75	5%	1/4W
R218	1-247-804-11	CARBON	75	5%	1/4W
R220	1-247-804-11	CARBON	75	5%	1/4W
R221	1-247-804-11	CARBON	75	5%	1/4W
R250	1-247-804-11	CARBON	75	5%	1/4W
R251	1-247-804-11	CARBON	75	5%	1/4W
R252	1-247-804-11	CARBON	75	5%	1/4W
R253	1-247-831-91	CARBON	1K	5%	1/4W
R254	1-247-831-91	CARBON	1K	5%	1/4W
R255	1-247-831-91	CARBON	1K	5%	1/4W
R256	1-247-804-11	CARBON	75	5%	1/4W
R257	1-247-804-11	CARBON	75	5%	1/4W
R258	1-247-804-11	CARBON	75	5%	1/4W
R259	1-247-804-11	CARBON	75	5%	1/4W
R260	1-247-804-11	CARBON	75	5%	1/4W
R261	1-247-804-11	CARBON	75	5%	1/4W
R262	1-247-863-91	CARBON	22K	5%	1/4W

MISCELLANEOUS					

△ 59	1-696-848-81	CORD, POWER (AUS)			
△ 59	1-777-071-83	CORD, POWER (SP, SP6, AEP)			
61	1-828-963-11	WIRE (FLAT TYPE) (11 CORE) (AUS, SP)			
61	1-828-980-11	WIRE (FLAT TYPE) (15 CORE) (AEP)			
62	1-828-936-11	WIRE (FLAT TYPE) (5 CORE)			
△ F901	1-532-464-33	FUSE (T2.5AL/250V)			
Q503	6-702-390-01	IC MN2488-OPY-MK			

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
Q504	6-702-391-01	IC MP1620-OPY-MK	
Q553	6-702-390-01	IC MN2488-OPY-MK	
Q554	6-702-391-01	IC MP1620-OPY-MK	
Q603	6-702-390-01	IC MN2488-OPY-MK	
Q604	6-702-391-01	IC MP1620-OPY-MK	
Q653	6-702-390-01	IC MN2488-OPY-MK	
Q654	6-702-391-01	IC MP1620-OPY-MK	
Q703	6-702-390-01	IC MN2488-OPY-MK	
Q704	6-702-391-01	IC MP1620-OPY-MK	
△ T901	1-443-916-11	POWER TRANSFORMER (AUS, AEP)	
△ T901	1-443-918-11	POWER TRANSFORMER (SP, SP6)	
TN1	1-693-676-11	TUNER (AEP)	
TN1	1-693-678-11	TUNER (AUS, SP, SP6)	

REVISION HISTORY

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