

STR-K7100

SERVICE MANUAL

US Model

Ver. 1.0 2007.03



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This receiver incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

The XM name and related logos are registered trademarks of XM Satellite Radio Inc.

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 6 ohm loads, both channels driven, from 120 – 20,000 Hz; rated 90 watts per channel minimum RMS power, with no more than 1% total harmonic distortion from 250 milliwatts to rated output.

SPECIFICATIONS

Amplifier section

Power Output ¹⁾

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

90 W + 90 W

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

RMS Output ²⁾

FRONT: 140 W/ch

CENTER: 140 W

SURROUND: 140 W/ch

1) Measured under the following conditions:

Area code	Power requirements
US	120 V AC, 60 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)

AUDIO OUT

Voltage: 800 mV/10 kohms

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

– Continued on next page –

MULTI CHANNEL AV RECEIVER

9-887-608-01

2007C04-1

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Sony Corporation

Home Audio Division

Published by Sony Techno Create Corporation

SONY®

AM tuner section

Tuning range
With 10-kHz tuning scale: 530 – 1,710 kHz ³⁾
With 9-kHz tuning scale: 531 – 1,710 kHz ³⁾
Antenna Loop antenna
Intermediate frequency 450 kHz

3) You can change the AM tuning scale to 9 kHz or 10 kHz. After tuning in any AM station, turn off the receiver. While holding down TUNING MODE, press I/⏻. All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

Video section

Inputs/Outputs
Video: 1 Vp-p, 75 ohms
COMPONENT VIDEO: Y: 1 Vp-p, 75 ohms
Pb/Cb: 0.7 Vp-p, 75 ohms
Pr/Cr: 0.7 Vp-p, 75 ohms
80 MHz HD Pass Through

General

Power requirements	
Area code	Power requirements
US	120 V AC, 60 Hz
Power output (DIGITAL MEDIA PORT)	
DC OUT:	5 V, 700 mA

Power consumption	
Area code	Power consumption
US	170 W

Power consumption (during standby mode)	
0.3 W	
Dimensions (w/h/d) (Approx.)	
430 × 157.5 × 316 mm (17 × 6 1/4 × 12 1/2 inches) including projecting parts and controls	
Mass (Approx.)	8.0 kg (17 lb 11 oz)

Design and specifications are subject to change without notice.

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.

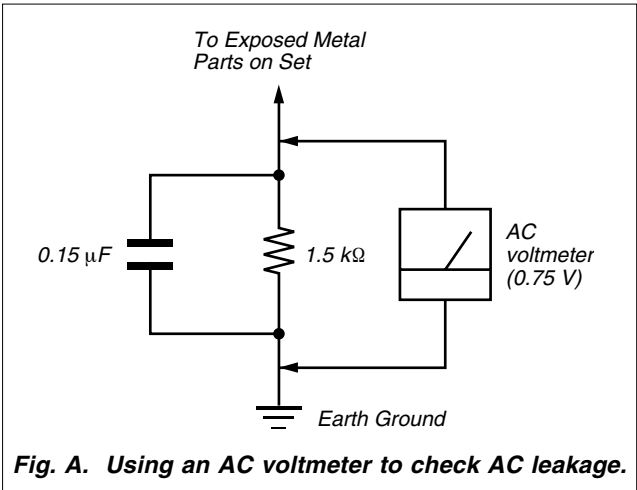
SAFETY CHECK-OUT (US MODEL)

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage.
Check leakage as described below.

LEAKAGE TEST

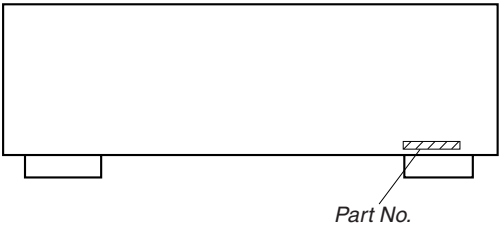
The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)



MODEL IDENTIFICATION

— BACK PANEL —



MODEL	PART No.
US	2-897-800-6□

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.)

LF : 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.

TABLE OF CONTENTS

1. GENERAL

Description and location of parts	5
---	---

2. DISASSEMBLY

2-1. Case	8
2-2. Back Panel Section	9
2-3. Front Panel Section	9
2-4. DIGITAL Board	10
2-5. MAIN Board Section	10
2-6. STANDBY Board	11

3. TEST MODE 12

4. FM TUNER CHECK 13

5. DIAGRAMS

5-1. Circuit Boards Location	14
5-2. Block Diagram – Tuner/Audio Section –	15
5-3. Block Diagram – Digital Section –	16
5-4. Block Diagram – Video Section –	17
5-5. Block Diagram – HDMI SW Section –	18
5-6. Block Diagram – XM Section –	19
5-7. Block Diagram – Key/Display Section –	20
5-8. Block Diagram – Output/Power Section –	21
5-9. Printed Wiring Boards – Main Section –	23
5-10. Schematic Diagram – Main Section (1/2) –	24
5-11. Schematic Diagram – Main Section (2/2) –	25
5-12. Printed Wiring Board – Digital Section (1/2) –	26
5-13. Printed Wiring Board – Digital Section (2/2) –	27
5-14. Schematic Diagram – Digital Section (1/3) –	28
5-15. Schematic Diagram – Digital Section (2/3) –	29
5-16. Schematic Diagram – Digital Section (3/3) –	30
5-17. Printed Wiring Boards – Video Section –	31
5-18. Schematic Diagram – Video Section –	32
5-19. Printed Wiring Board – HDMI SW Section –	33
5-20. Schematic Diagram – HDMI SW Section –	34
5-21. Printed Wiring Board – XM Section –	35
5-22. Schematic Diagram – XM Section –	36
5-23. Printed Wiring Boards – DCAC, Power Key Section –	37
5-24. Schematic Diagram – DCAC, Power Key Section –	37
5-25. Printed Wiring Board – Display Section –	38
5-26. Schematic Diagram – Display Section –	39
5-27. Printed Wiring Board – Power Section –	40
5-28. Schematic Diagram – Power Section –	40
5-29. Printed Wiring Board – DCDC Section –	41
5-30. Schematic Diagram – DCDC Section –	41

6. EXPLODED VIEWS

6-1. Case Section	55
6-2. Front Panel Section	56
6-3. Back Panel Section	57
6-4. Chassis Section	58

7. ELECTRICAL PARTS LIST 59

SECTION 1

GENERAL

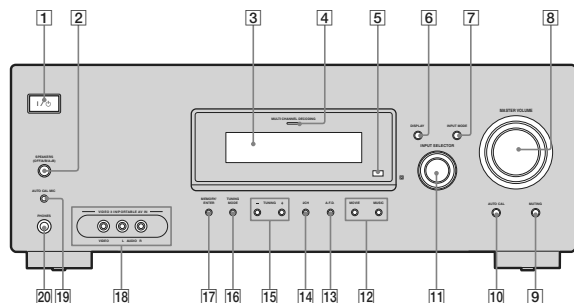
This section is extracted from instruction manual.

Getting Started

Description and location of parts

Receiver

Front panel



Name	Function
1 ⏻ (on/standby)	Press to turn the receiver on or off (page 27, 36, 37, 52, 81).
2 SPEAKERS (OFF/A/B/A+B)	Press to select the speaker system (page 28).
3 Display	The current status of the selected component or a list of selectable items appears here (page 7).
4 MULTI CHANNEL DECODING lamp	Lights up when multi channel audio is decoded (page 37).
5 Remote sensor	Receives signals from remote commander.

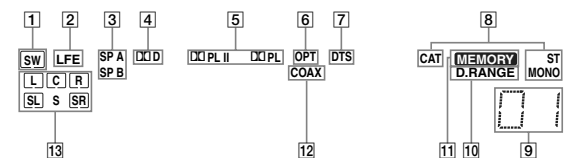
Name	Function
6 DISPLAY	Press to select information displayed on the display (page 68).
7 INPUT MODE	Press to select the input mode when the same components are connected to both digital and analog jacks (page 63).
8 MASTER VOLUME	Turn to adjust the volume level of all speakers at the same time (page 33, 34, 36, 37).
9 MUTING	Press to mute the sound (page 34).
10 AUTO CAL	Press to activate the Auto Calibration function (page 29).

Name	Function
11 INPUT SELECTOR	Turn to select the input source to playback (page 34, 36, 37, 53, 55, 63, 65, 69).
12 MOVIE, MUSIC	Press to select sound fields (MOVIE, MUSIC) (page 49).
13 A.F.D.	Press to select A.F.D. mode (page 47).
14 2CH	Press to select 2CH STEREO mode (page 51, 52).
15 TUNING +/-	Press to scan a station (page 53, 54).
16 TUNING MODE	Press to select the tuning mode (page 55, 81).
17 MEMORY/ENTER	Press to store a station or enter the selection when selecting the settings (page 27).
18 VIDEO 3 IN/ PORTABLE AV IN jacks	Connect to camcorder or video game (page 25, 34).
19 AUTO CAL MIC jack	Connects to the supplied optimizer microphone for the Auto Calibration function (page 29).
20 PHONES jack	Connects to a headphone (page 78).

continued

5^{US}6^{US}

About the indicators on the display



Name	Function
1 SW	Lights up when the 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 A/SP B	Lights up according to the speaker system used. However, these indicators do not light up if the speaker output is turned off or if a headphone is connected.
4 DD	Lights up when the receiver is decoding Dolby Digital signals. 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 63).
5 DD PL/ DD PL II	"DD PL" lights up when the receiver applies Pro Logic processing to 2 channel signals in order to output the center and surround channel signals. "DD PL II" lights up when the Pro Logic II Movie or Music decoder is activated.

Name	Function
6 OPT	Lights up when VIDEO 2 input is selected. However, "UNLOCK" appears on the display if no digital signal is input through the OPTICAL jack. "OPT" also lights up when SAT input is selected if - INPUT MODE is set to "AUTO IN" and the source signal is a digital signal being input through the OPTICAL jack. - INPUT MODE is set to "OPT IN" (page 63).
7 DTS	Lights up when the receiver is decoding DTS signals. 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 63).
8 Tuner indicators	Lights up when using the receiver to tune in radio stations (page 52), etc.
9 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 54.
10 D.RANGE	Lights up when dynamic range compression is activated (page 41).

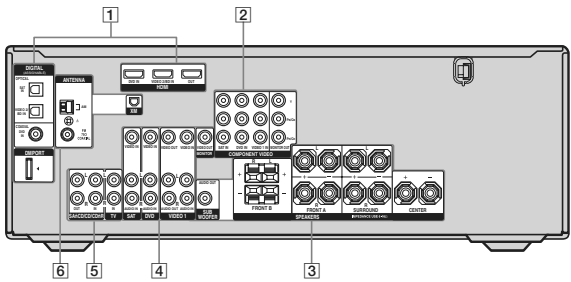
Name	Function
11 MEMORY	Lights up when a memory function, such as Preset Memory (page 54), etc., is activated.
12 COAX	Lights up when INPUT MODE is set to "AUTO IN" and the source signal is a digital signal being input through the COAXIAL jack, or when INPUT MODE is set to "COAX IN" (page 63).
13 Playback 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 Surround (monaural or the surround components obtained by Pro Logic processing) Example: Recording format (Front/ Surround): 3/2.1 Sound Field: A.F.D. AUTO



continued

7^{US}8^{US}

Rear panel



1 DIGITAL INPUT/OUTPUT section		
	OPTICAL IN jack	Connects to a DVD player, etc. The COAXIAL jack provides a better quality of loud sound (page 20, 24).
	COAXIAL IN jack	
	HDMI IN/OUT jack ^{a)}	Connects to a DVD player, or a Blu-ray disc player. The image and the sound are output to a TV or a projector (page 22).
		Connect to a DIGITAL MEDIA PORT adapter (page 64).

2 COMPONENT VIDEO INPUT/OUTPUT section		
	COMPONENT INPUT/OUTPUT jack ^{a)}	Connects to a DVD player, TV, satellite tuner, etc. You can enjoy high quality image (page 19, 21, 24).

3 SPEAKER section		
		Connects to speakers (page 16).
		Connects to sub woofer (page 16).

4 VIDEO/AUDIO INPUT/OUTPUT section		
	AUDIO IN/OUT jack	Connects the video and audio jacks of a VCR or a DVD player (page 19, 20, 21, 24, 25).
	VIDEO IN/OUT jack ^{a)}	

Getting Started

5 AUDIO INPUT/OUTPUT section		
	White (L) AUDIO IN/OUT jack	Connects to Super Audio CD player or CD player, etc. (page 17).
	Red (R)	

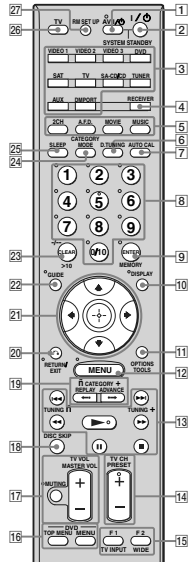
6 ANTENNA section		
	FM ANTENNA jack	Connects to the FM wire antenna supplied with this receiver (page 26).
	AM ANTENNA terminals	Connects to the AM loop antenna supplied with this receiver (page 26).
	XM terminal	Connects to the XM connect-and-play antenna (not supplied with this receiver) (page 57).

^{a)} You can watch the selected input image when you connect the HDMI OUT or MONITOR OUT jack to a TV (page 19).

Remote commander

You can use the supplied remote to operate the receiver and to control the Sony audio/video components that the remote is assigned to operate. You can also program the remote to control non-Sony audio/video components. For details, see “Programming the remote” (page 70).

RM-AAP016



continued

9¹⁰⁵

10¹⁰⁵

Name	Function
1 AV I/O ¹⁾ (on/standby)	Press to turn on or off the audio/video components that the remote is programmed to operate. To turn the TV on or off, press TV (26) and then press AV I/O. If you press I/O (2) at the same time, it will turn off the receiver and other components (SYSTEM STANDBY). Note The function of the AV I/O switch changes automatically each time you press the input buttons (3).
2 I/O ¹⁾ (on/standby)	Press to turn the receiver on or off. To turn off all components, press I/O and AV I/O (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 program the remote to control non-Sony components following the steps in “Programming the remote” on page 70.
Button	Assigned Sony component
VIDEO 1	VCR (VTR mode 3)
VIDEO 2	VCR (VTR mode 2)
VIDEO 3	VCR (VTR mode 1)
DVD	DVD player
SAT	Satellite tuner
TV	TV
SA-CD/CD	Super Audio CD/CD player
TUNER	Built-in tuner
AUX	Not assigned
DMPORT	DIGITAL MEDIA PORT adapter

4 RECEIVER	Press to activate the receiver operation (page 33).
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Name	Function
5 MUSIC	Press to select sound fields (MUSIC).
2CH	Press to select 2CH STEREO mode.
A.F.D.	Press to select A.F.D. mode.
MOVIE	Press to select sound fields (MOVIE).
6 D. TUNING	Press to enter direct tuning mode.
7 AUTO CAL	Press to activate the Auto Calibration function.
8 Numeric buttons (number 5 ^{a)})	Press the numeric buttons to – preset/tune to preset stations. – select track numbers of the CD player, VCD player, LD player, DVD player, MD deck, DAT deck, or tape deck. Press 0/10 to select track number 10. – select channel numbers of the TV, VCR, satellite tuner, Blu-ray disc recorder, hard disc recorder, PSX, DVD/VHS COMBO or DVD/HDD COMBO. Press TV (26) and then press the numeric buttons to select the TV channels.
9 MEMORY	Press MEMORY to store a station.
ENTER	Press to enter the value after selecting a channel, disc or track using the numeric buttons of the VCR, CD player, VCD player, LD player, MD deck, DAT deck, tape deck, satellite tuner, Blu-ray disc recorder or PSX. To enter the value of Sony TV, press TV (26) and then press ENTER. To select information of Sony TV, press TV (26) and then press DISPLAY.
10 DISPLAY	Press to select information displayed on the TV screen of the TV, VCR, VCD player, LD player, DVD player, CD player, MD deck, Blu-ray disc recorder, PSX, satellite tuner, DVD/VHS COMBO or DVD/HDD COMBO. To select information of Sony TV, press TV (26) and then press DISPLAY.

Getting Started

Name	Function
11 OPTIONS TOOLS	Press to display and select items from the option menus for DVD player or DVD/VHS COMBO. To display the options of Sony TV, press TV (26) and then press OPTIONS TOOLS.
12 MENU	Press to display the menus of the receiver, VCR, DVD player, satellite tuner, Blu-ray disc recorder, PSX, DVD/VHS COMBO or DVD/HDD COMBO on the TV screen. Then, use the left/right and up/down arrows to perform menu operations. To display the menus of Sony TV, press TV (26) and then press MENU.
13 a) b)	Press to start playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO or DVD/HDD COMBO.
11 ^{b)}	Press to pause playback or recording of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO or DVD/HDD COMBO. (Also starts recording with components in recording standby.)
11 ^{b)}	Press to stop playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO or DVD/HDD COMBO.
11 ^{b)}	Press to – search tracks in the forward/backward direction of the CD player, VCD player, DVD player, LD player, MD deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO, or DVD/HDD COMBO. – fast forward/rewind of the VCR, DAT deck, or tape deck.

Name	Function
11 ^{b)}	Press to skip tracks of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO, or DVD/HDD COMBO.
TUNING +/-	Press to scan a station.
14 TV CH +/- ^{a)}	Press TV (26) and then press TV/CH +/- to select preset TV channels.
PRESET +/- ^{a)}	Press to – select preset stations. – select preset channels of the TV, VCR, satellite tuner, Blu-ray disc recorder, DVD player, DVD/VHS COMBO or DVD/HDD COMBO.
15 F1, F2	Press F1 or F2 to select a component to operate. – DVD/HDD COMBO F1: HDD mode F2: DVD mode – DVD/VHS COMBO F1: DVD mode F2: VHS mode
TV/INPUT	Press TV (26) and then press TV/INPUT to select the input signal (TV input or video input).
WIDE	Press TV (26) and then press WIDE to select the wide picture mode.
16 DVD TOP MENU	Press to display the menu or on-screen guide of the DVD player on the TV screen. Then, use the left/right and up/down arrows to perform menu operations.
DVD MENU	Press to display the menu of the DVD player on the TV screen. Then, use the left/right and up/down arrows to perform menu operations.
17 TV VOL +/-	Press TV (26) and then press TV VOL to adjust the TV volume level.
MASTER VOL +/-	Press to adjust the volume level of all speakers at the same time.
MUTING	Press to mute the sound. To mute the sound of the TV, press TV (26) and then press MUTING.

continued

11¹⁰⁵

12¹⁰⁵

Name	Function
18 DISC SKIP	Press to skip disc of the CD player, VCD player, DVD player or MD deck (multi-disc changer only).
19 CATEGORY +/-	Press to select the category for XM Radio.
REPLAY <- / ADVANCE ->	Press to replay the previous scene or fast forward the current scene of the DVD player, Blu-ray disc recorder, DVD/VHS COMBO or DVD/HDD COMBO.
20 RETURN/ EXIT ⏮	Press to – return to the previous menu. – exit the menu while the menu or on-screen guide of the VCD player, LD player, DVD player, Blu-ray disc recorder, PSX, DVD/VHS COMBO, or satellite tuner is displayed on the TV screen. To return to the previous menu of Sony TV, press TV (26) and then press RETURN/EXIT ⏮.
21 (+), ⏮/⏭/⏮/⏭	After pressing RECEIVER (4), then press MENU (12) for receiver operation, press ⏮/⏭/⏮/⏭ to select the settings. After pressing DVD TOP MENU (16) or DVD MENU (16), press ⏮/⏭/⏮/⏭ to select the settings, and then press (+) to enter the selection. Press (+) also, to enter the selection of the receiver, VCR, satellite tuner, CD player, DVD player or Blu-ray disc recorder, PSX, DVD/VHS COMBO or DVD/HDD COMBO.
22 GUIDE	Press to display the EPG (Electronic Program Guide) of the TV, DVD player, Satellite tuner, Blu-ray disc recorder, PSX or DVD/HDD COMBO.
23 <-	Press to select the channel entry mode, either one or two digit of the VCR or satellite tuner. To select the channel entry mode of the TV, press TV (26) and then press <-.

Name	Function
CLEAR	Press to clear a mistake when you press the incorrect numeric button of the DVD player, Blu-ray disc recorder, PSX, satellite tuner, DVD/VHS COMBO or DVD/HDD COMBO.
>10	Press to select track numbers over 10 of the CD player, VCD player, LD player, MD deck, tape deck, TV, VCR or satellite tuner.
24 CATEGORY MODE	Press to select the category mode for XM Radio.
25 SLEEP	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically.
26 TV	Press to light up the button. It changes the remote key function to activate the buttons with orange printing. It also activate the DISPLAY (10), OPTIONS TOOLS (11), MENU (12), RETURN/EXIT ⏮ (20), (+) (21) and ⏮/⏭/⏮/⏭ (21) buttons to perform menu operations for Sony TVs only.
27 RM SET UP	Press to set up the remote.

a) The number 5, PRESET +, TV CH + and > buttons have tactile dots. Use the tactile dots as references when operating the receiver.

b) The button is also available for DIGITAL MEDIA PORT adapter operation. For details on the function of the buttons, see the operating instructions supplied with the DIGITAL MEDIA PORT adapter.

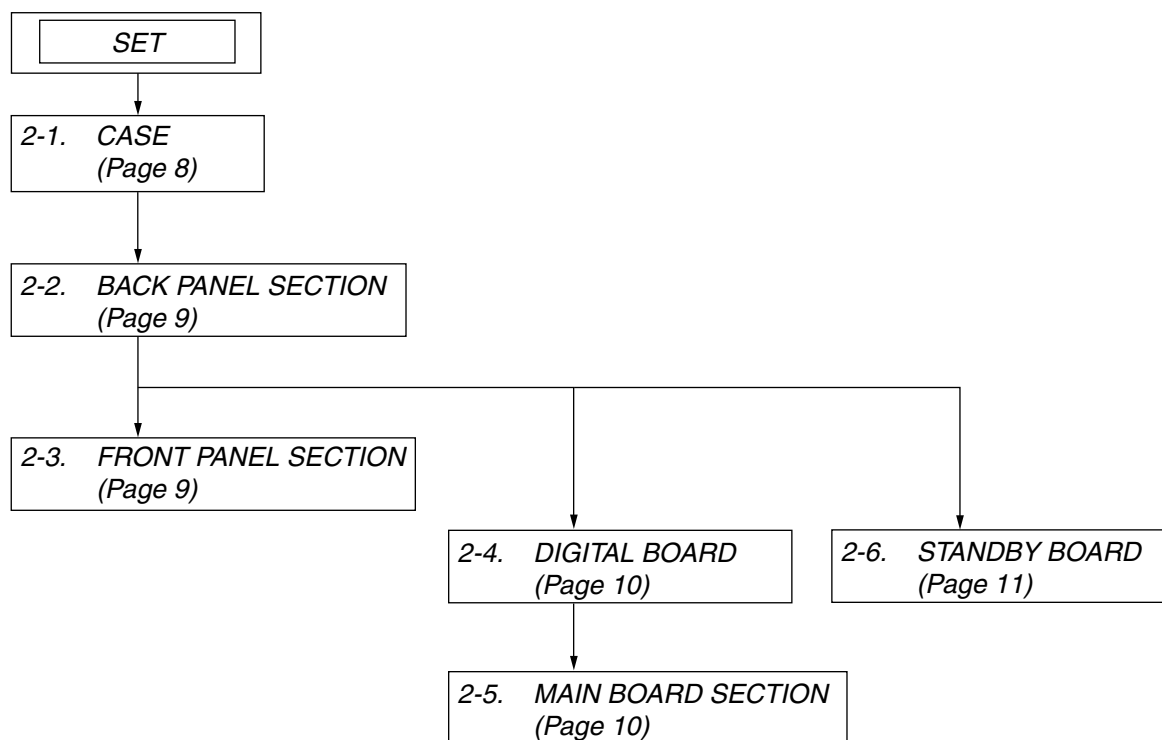
Notes

- 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.
- The AUX on the remote is not available for receiver operation.

Getting Started

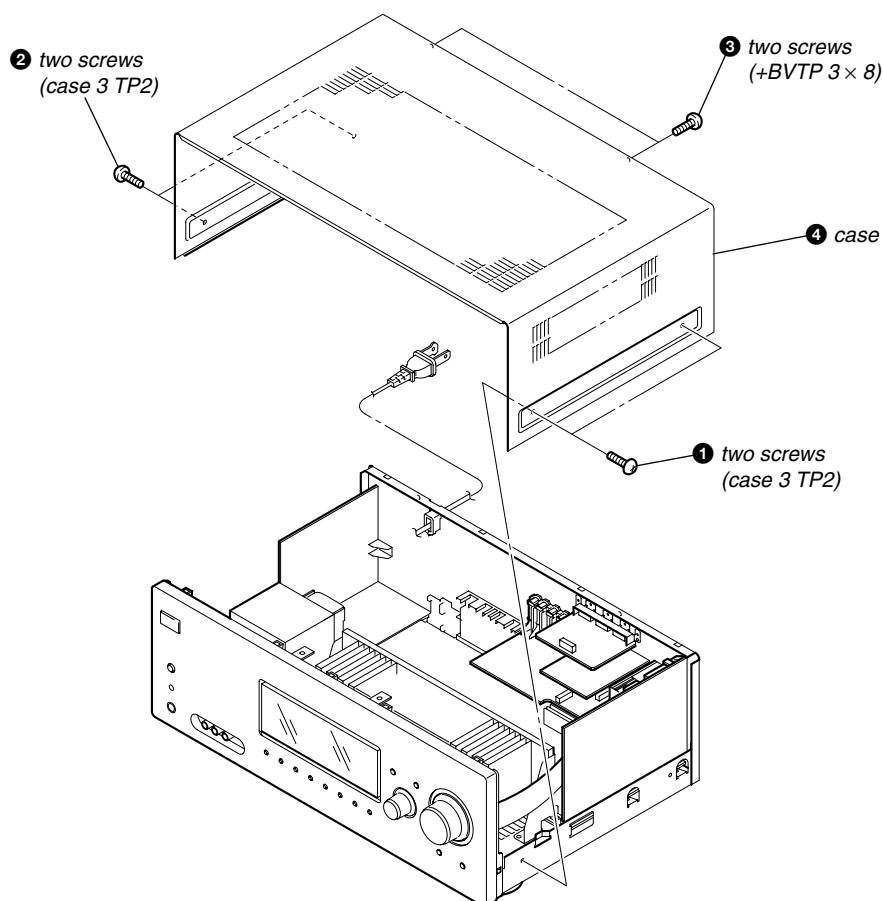
SECTION 2 DISASSEMBLY

Note : This set can be disassemble according to the following sequence.

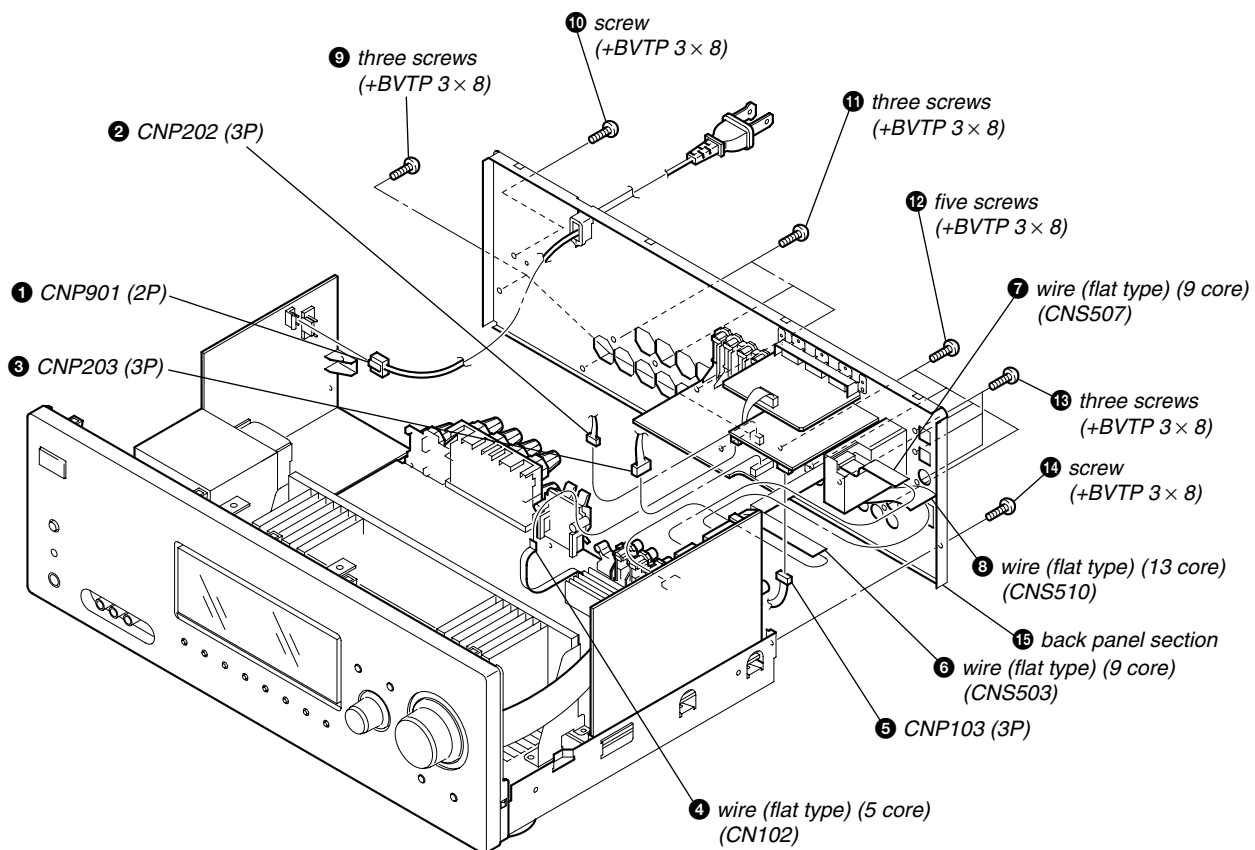


Note : Follow the disassembly procedure in the numerical order given.

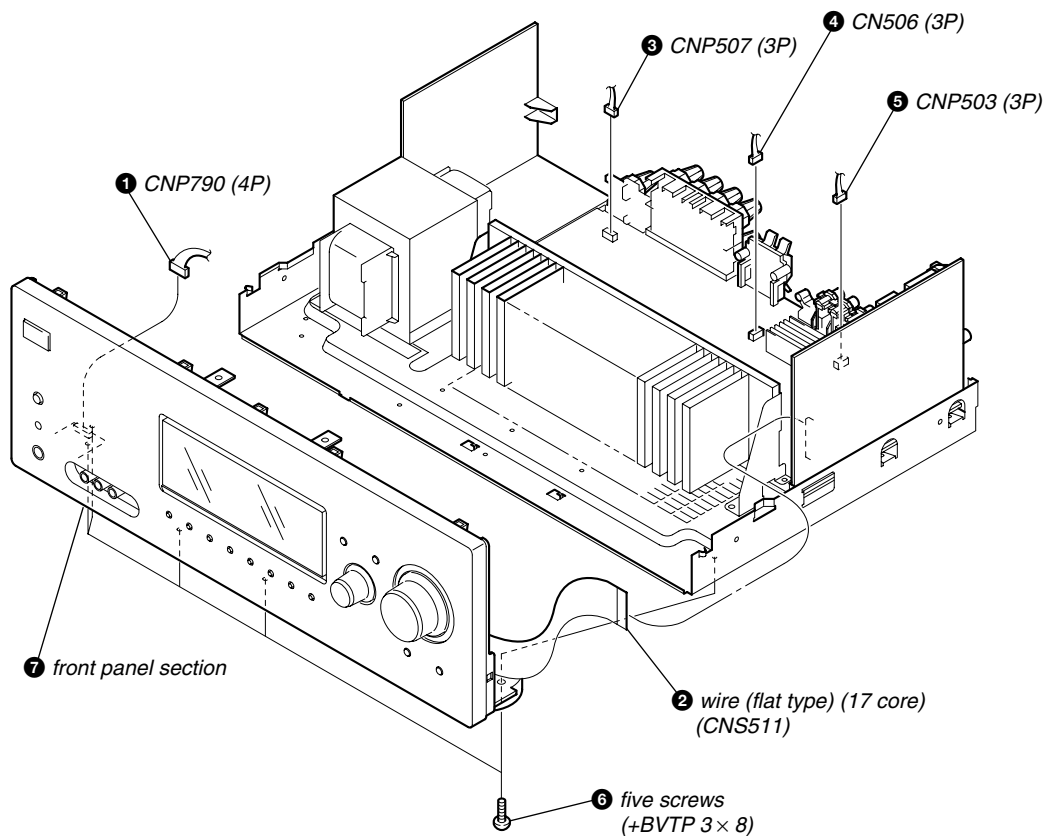
2-1. CASE



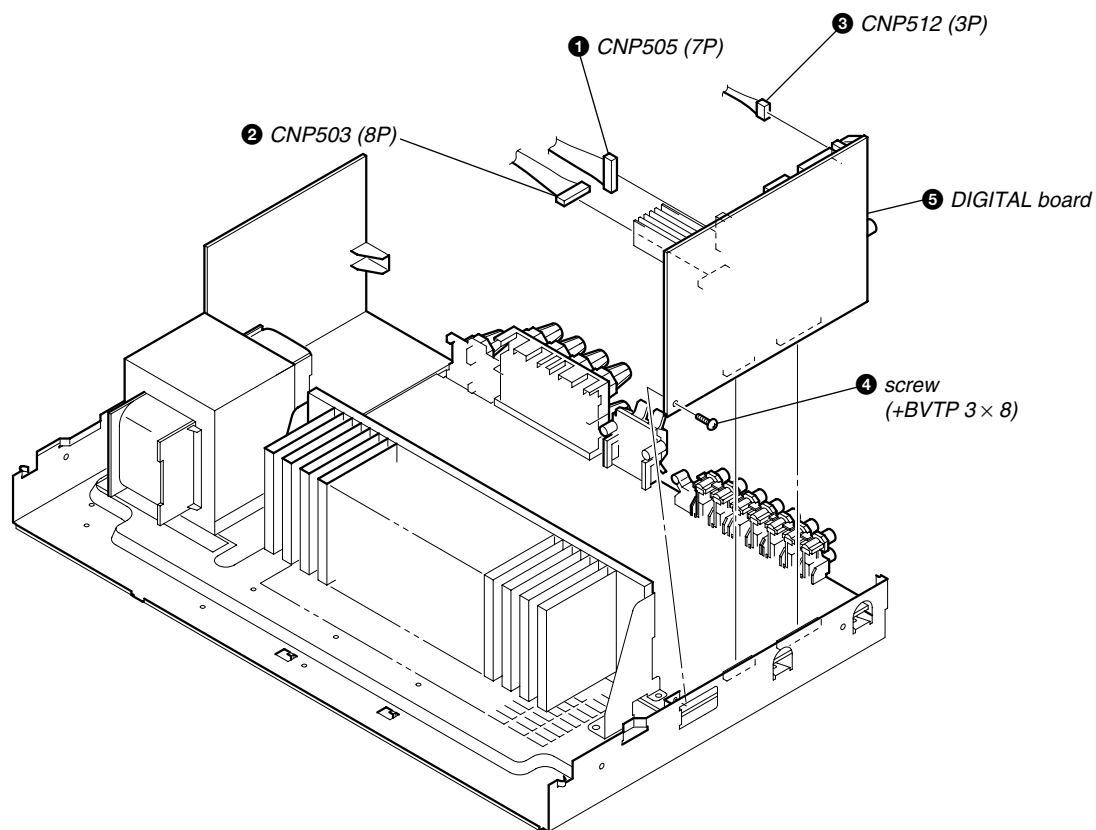
2-2. BACK PANEL SECTION



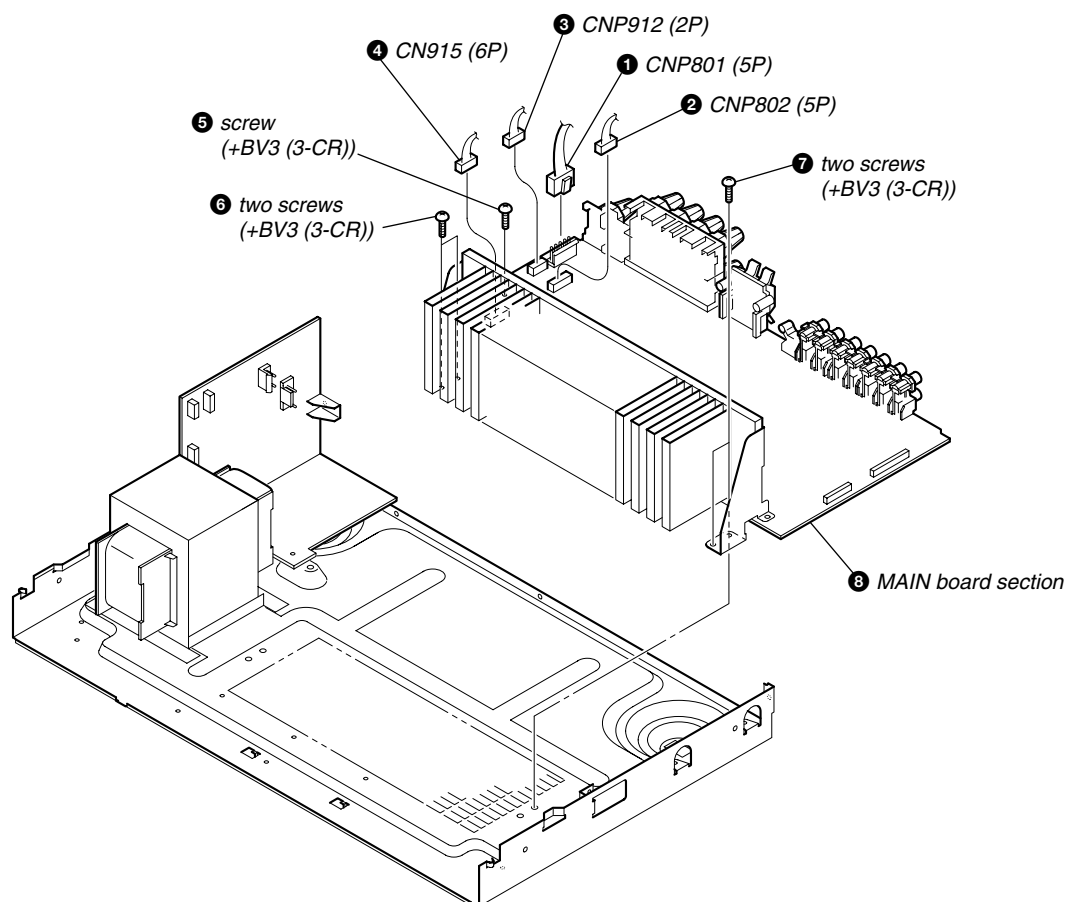
2-3. FRONT PANEL SECTION



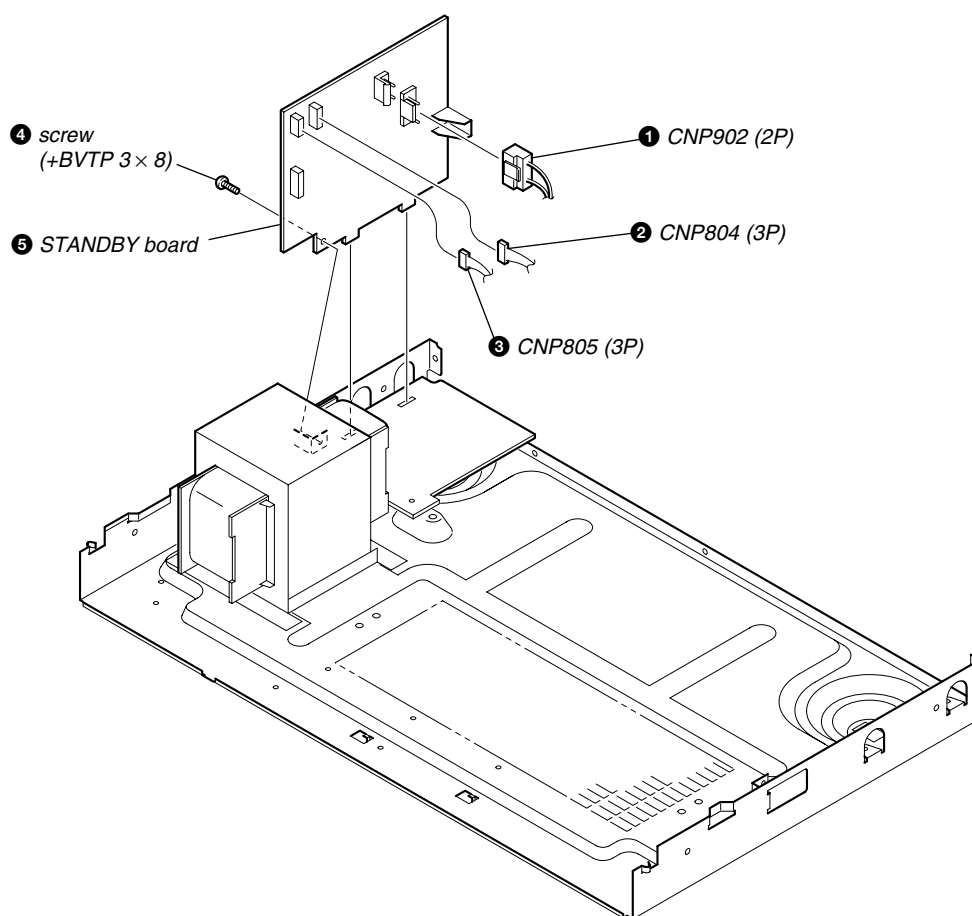
2-4. DIGITAL BOARD



2-5. MAIN BOARD SECTION



2-6. STANDBY BOARD



SECTION 3 TEST MODE

AM CHANNEL STEP 9 kHz/10 kHz SELECTION MODE

* Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.

* Procedure:

Turn the **[INPUT SELECTOR]** control to set AM and press the **[I/⏻]** button to turn off the main power.

While depressing the **[TUNING MODE]** button, press the **[I/⏻]** button to turn on the main power.

Either the message “9k STEP” or “10k STEP” appears for a moment and select the desired step.

VACUUM FLUORESCENT DISPLAY TEST MODE

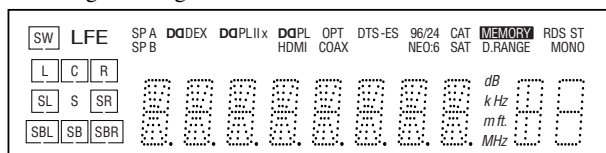
* All fluorescent segments are tested.

When this test is activated, all segments light on at the same time, then each segment lights on one after another.

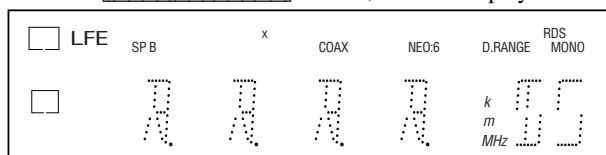
* Procedure:

While depressing the **[TUNING MODE]** and the **[DISPLAY]** buttons simultaneously, press the **[I/⏻]** button to turn on the main power.

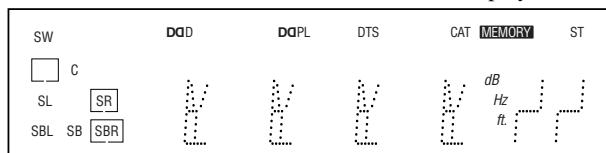
1. ALL segments light on.



2. Turn the **[INPUT SELECTOR]** control, confirm display.



3. Turn the **[INPUT SELECTOR]** control, confirm display.



4. Turn the **[INPUT SELECTOR]** control, all segments light off.

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:

While depressing the **[2CH]** button, press the **[I/⏻]** button to turn on the main power.

The message “S.F. CLR.” appears for a moment and initialization is performed.

SOFTWARE VERSION DISPLAY MODE

* The software version is displayed.

* Procedure:

While depressing the **[SPEAKERS (OFF/A/B)]** and the **[DISPLAY]** buttons simultaneously, press the **[I/⏻]** button to turn on the main power.

The model name, destination and the software version are displayed for a moment.

KEY CHECK MODE

* Button check

* Procedure:

While depressing the **[SPEAKERS (OFF/A/B)]** and the **[2CH]** buttons simultaneously, press the **[I/⏻]** button to turn on the main power.

Either the message “REST 13” appears.

Every pressing of any button other than the **[I/⏻]** counts down the buttons. The buttons which are already counted once are not counted again. When all buttons are pressed “REST 00” appears.

SWAP ALL MODE

* The signal will be swap to all channel so that all speaker will have sound output.

* Procedure:

1. While depressing the **[SPEAKERS (OFF/A/B)]** and the **[A.F.D.]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. “SWAP” appears. (No change while displayed.)

SHIPMENT MODE

All preset contents are reset to the default setting.

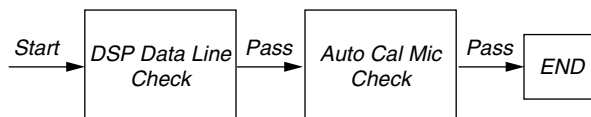
* Procedure:

1. While depressing the **[SPEAKERS (OFF/A/B)]** and the **[MUSIC]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. “CLEARED” appears and switch off the set.

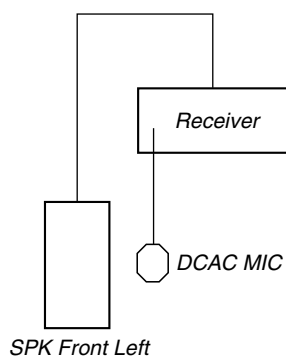
DCAC FACTORY TEST MODE

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 **[MEMORY/ENTER]** + **[MOVIE]** + **[I/⏻]**.
“DCAC FTM” appears.
Afterward, press the **[TUNING MODE]** to start DCAC factory test mode.

SECTION 4

FM TUNER CHECK

1. DCAC DSP Data Line Checking

After press the **[TUNING MODE]**, 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 → D1501 or R1530 problem
 x=2 → D1502 problem
 x=3 → D1503 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)

FM AUTO STOP CHECK

- (1) Turn on the set.
- (2) Input the following signal from Signal Generator to FM antenna input directly.

* Carrier Frequency: 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.

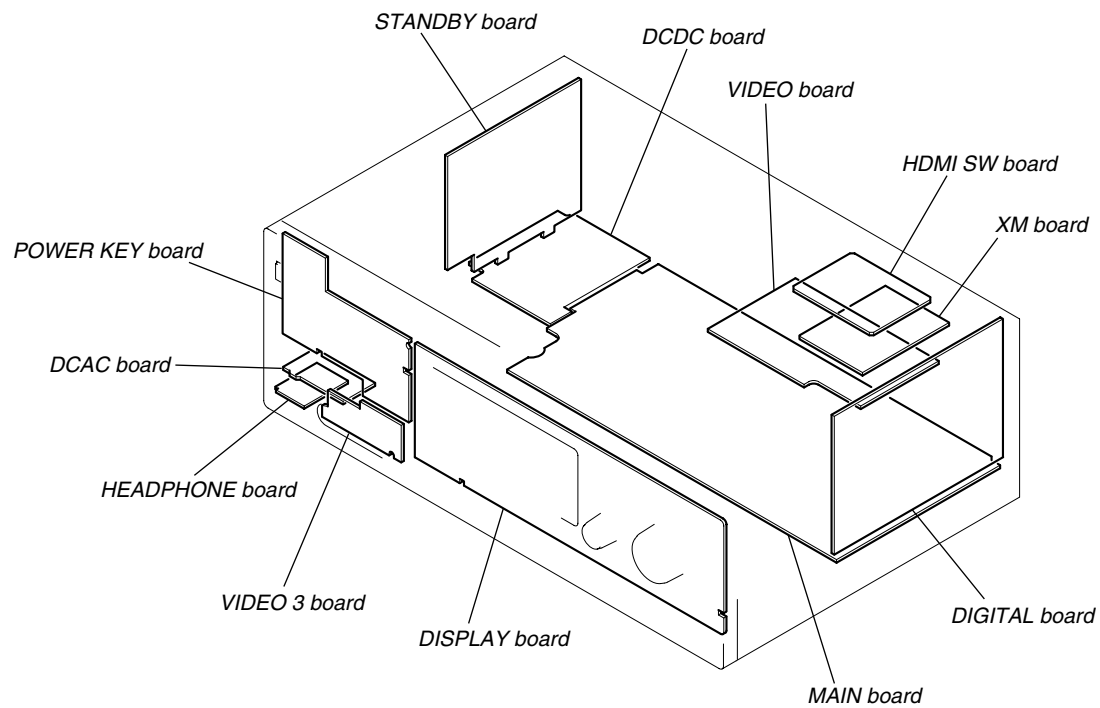
Please use SG whose output impedance is 75 ohm.

- (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.

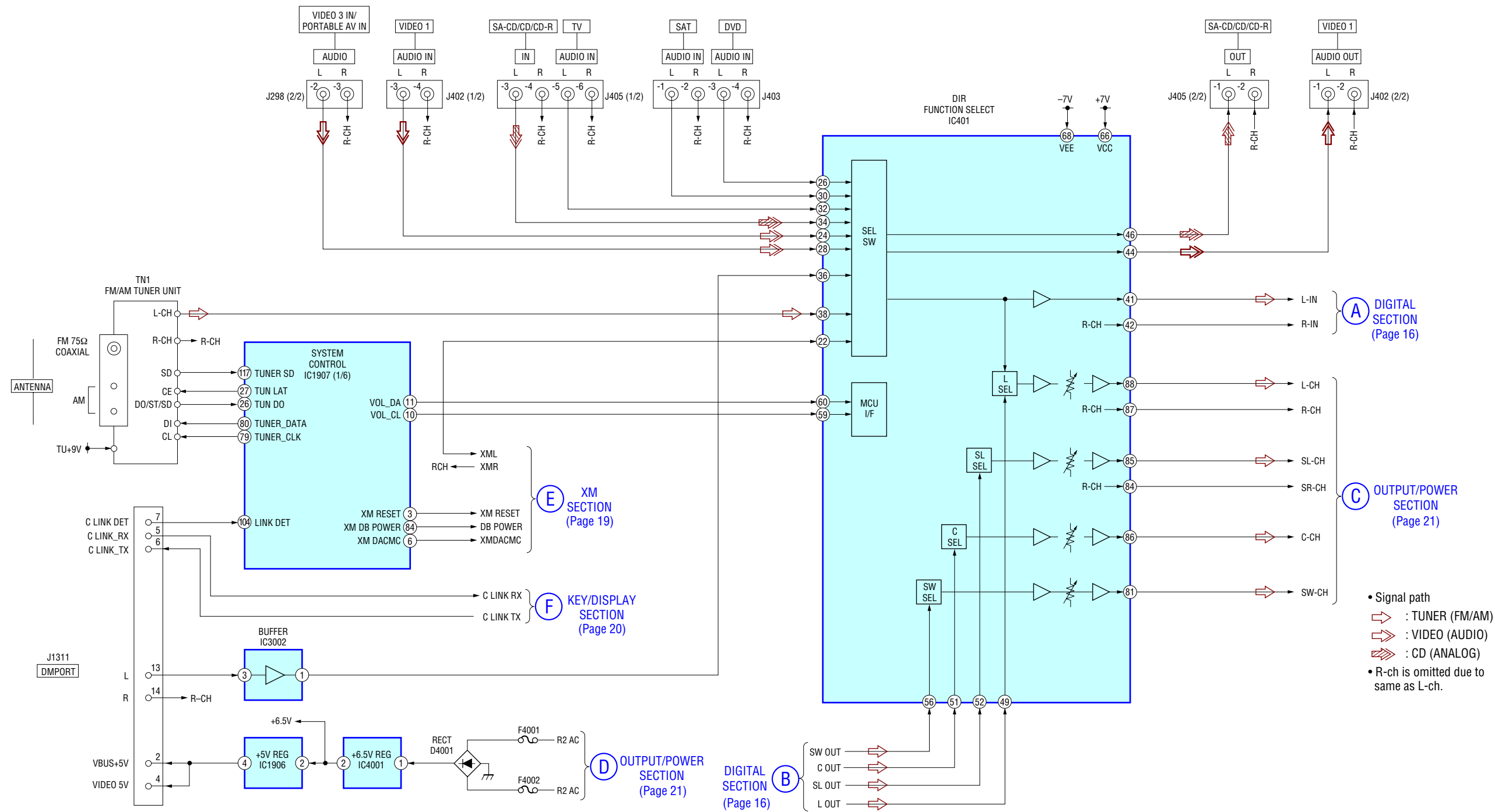
The stop of automatic scanning means “The station signal is received in good condition.”

SECTION 5 DIAGRAMS

5-1. CIRCUIT BOARDS LOCATION



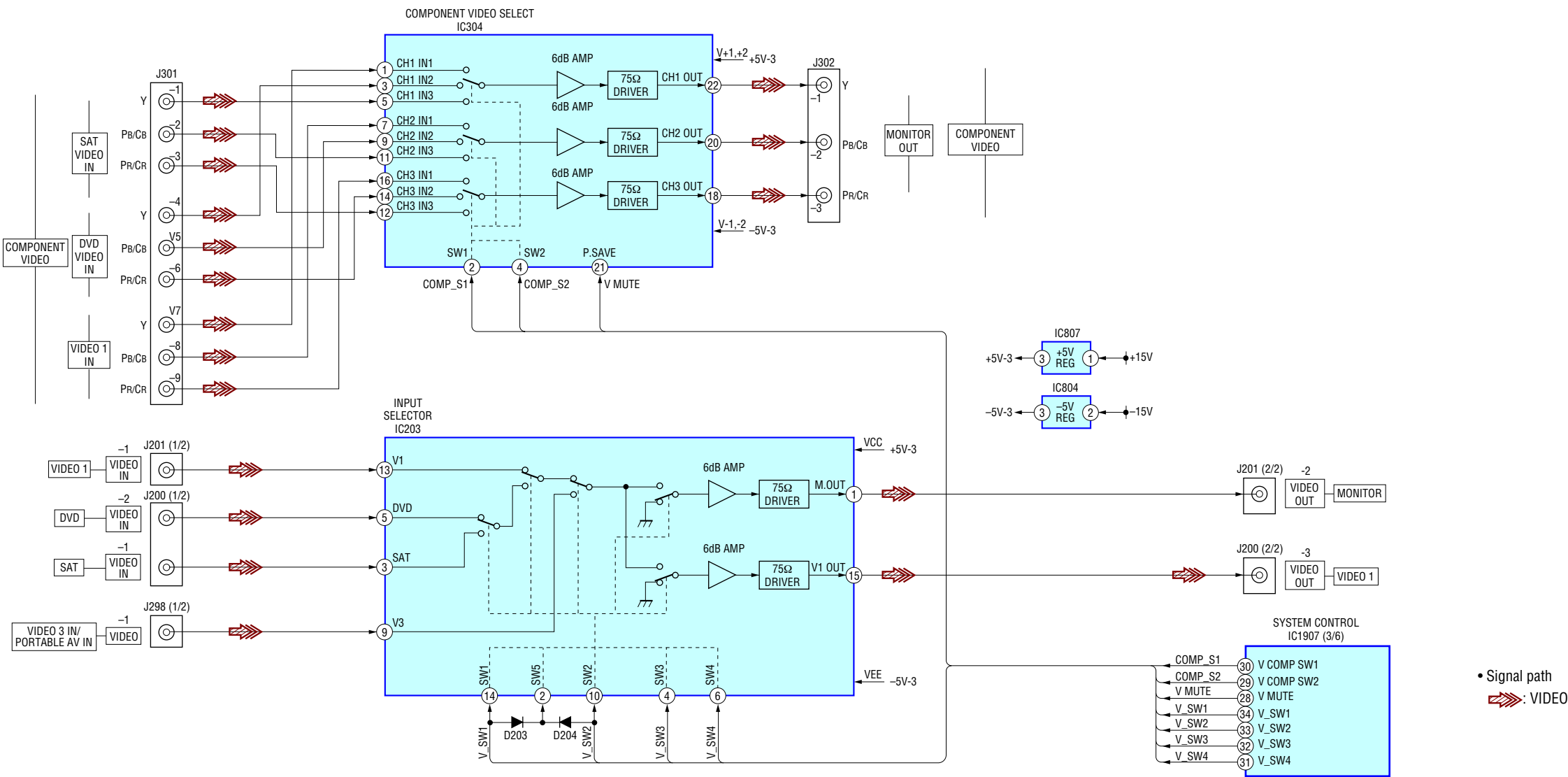
5-2. BLOCK DIAGRAM — TUNER/AUDIO SECTION —



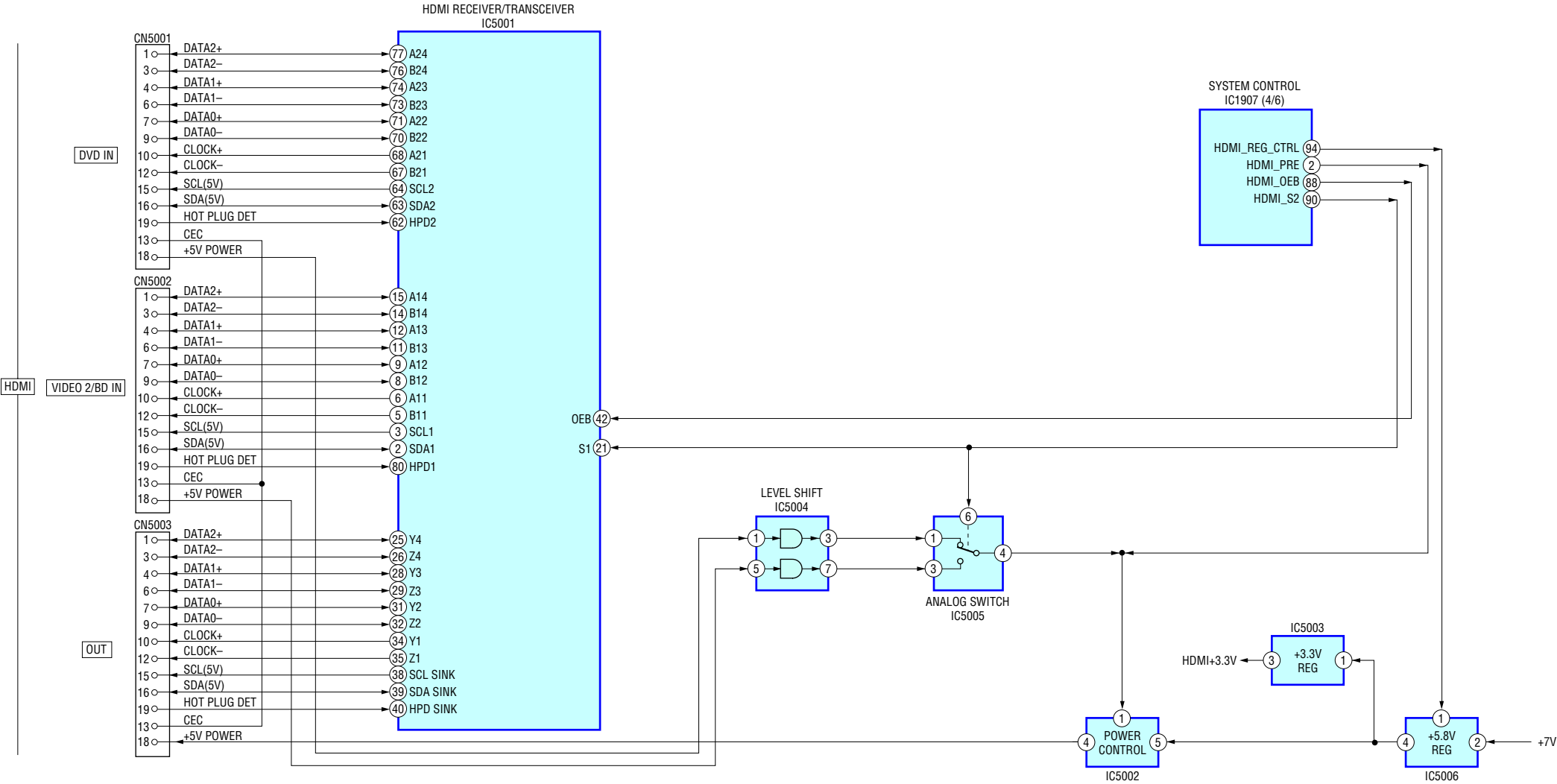
16



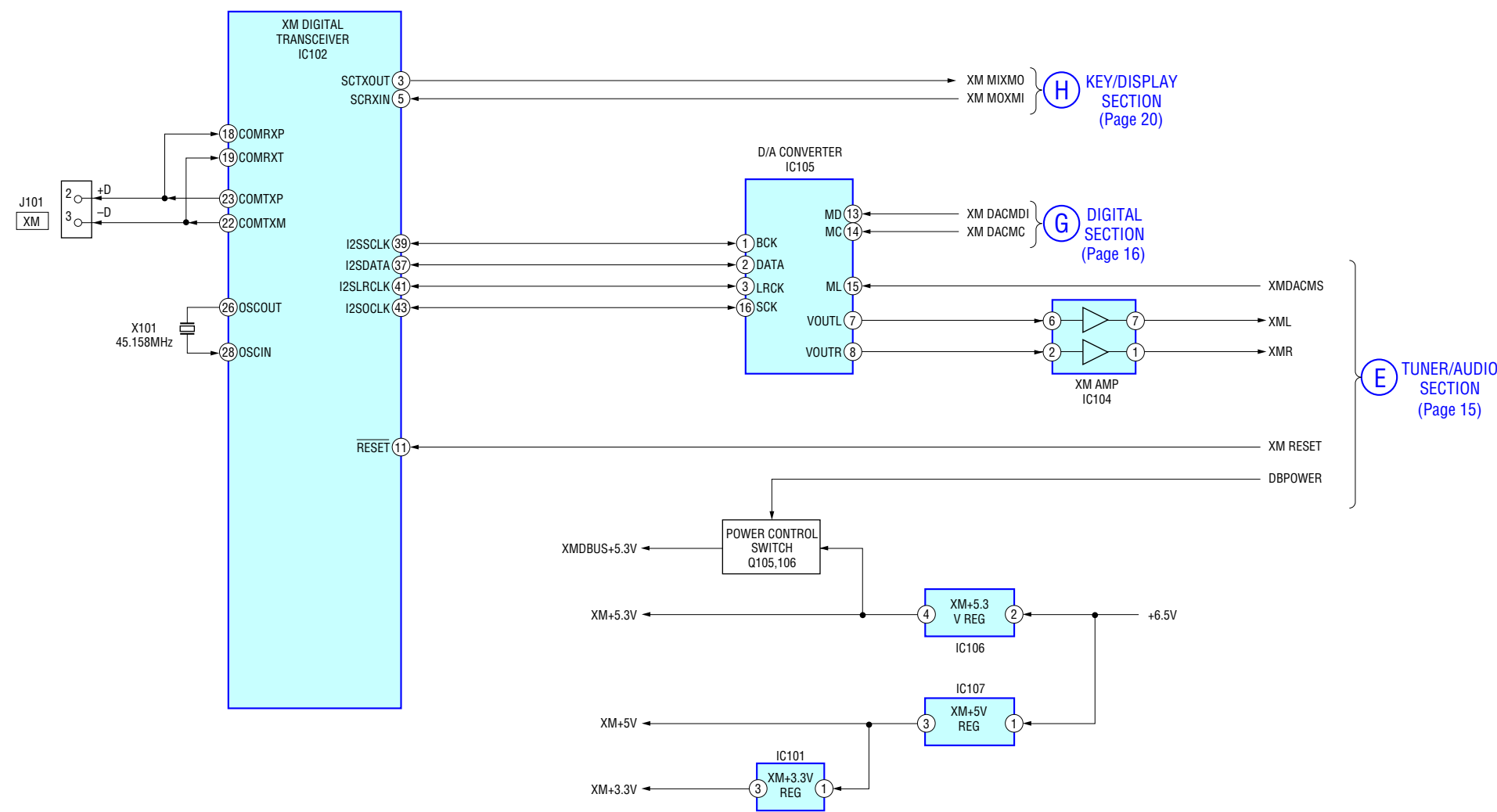
5-4. BLOCK DIAGRAM — VIDEO SECTION —



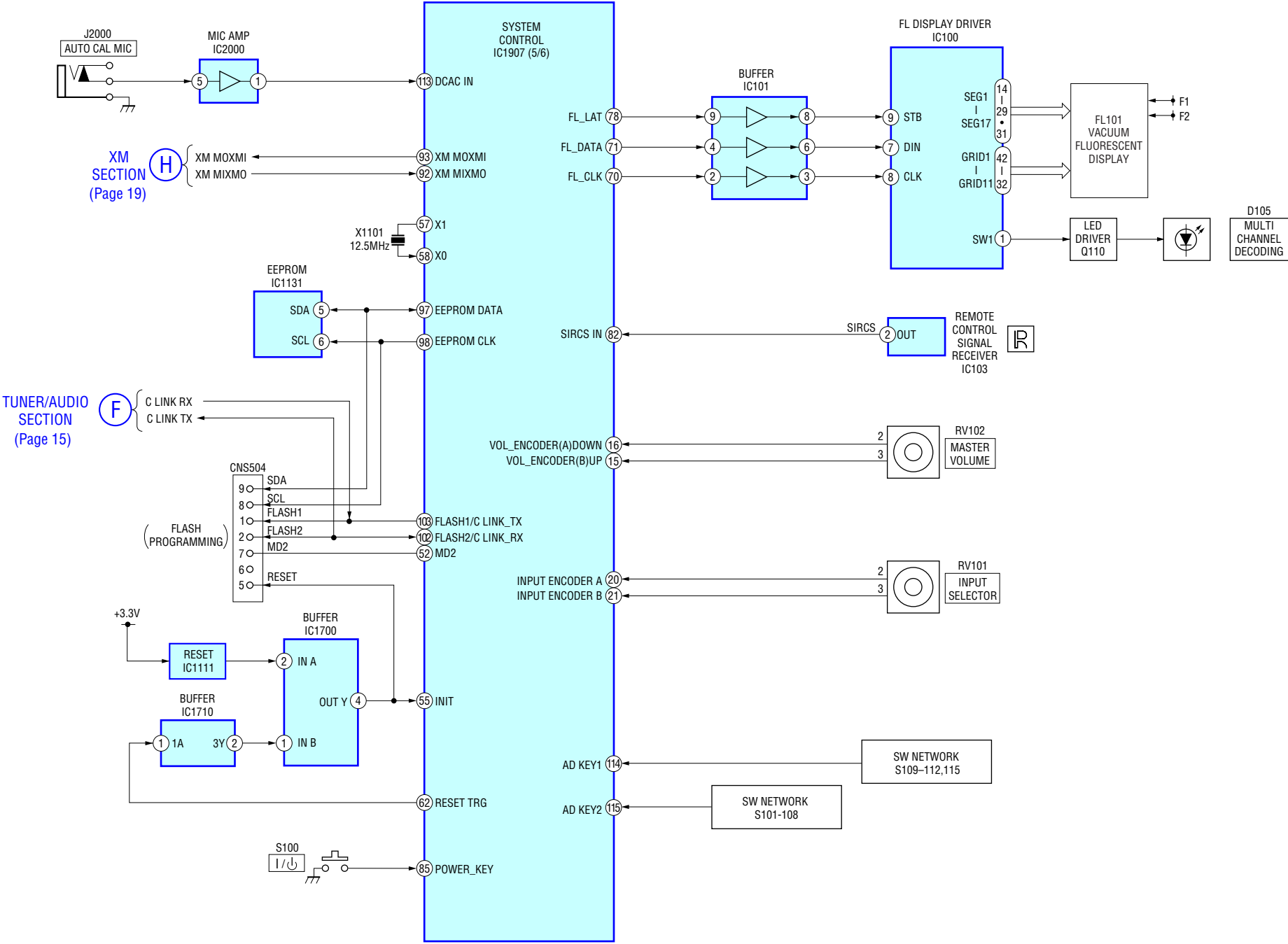
5-5. BLOCK DIAGRAM — HDMI SW SECTION —



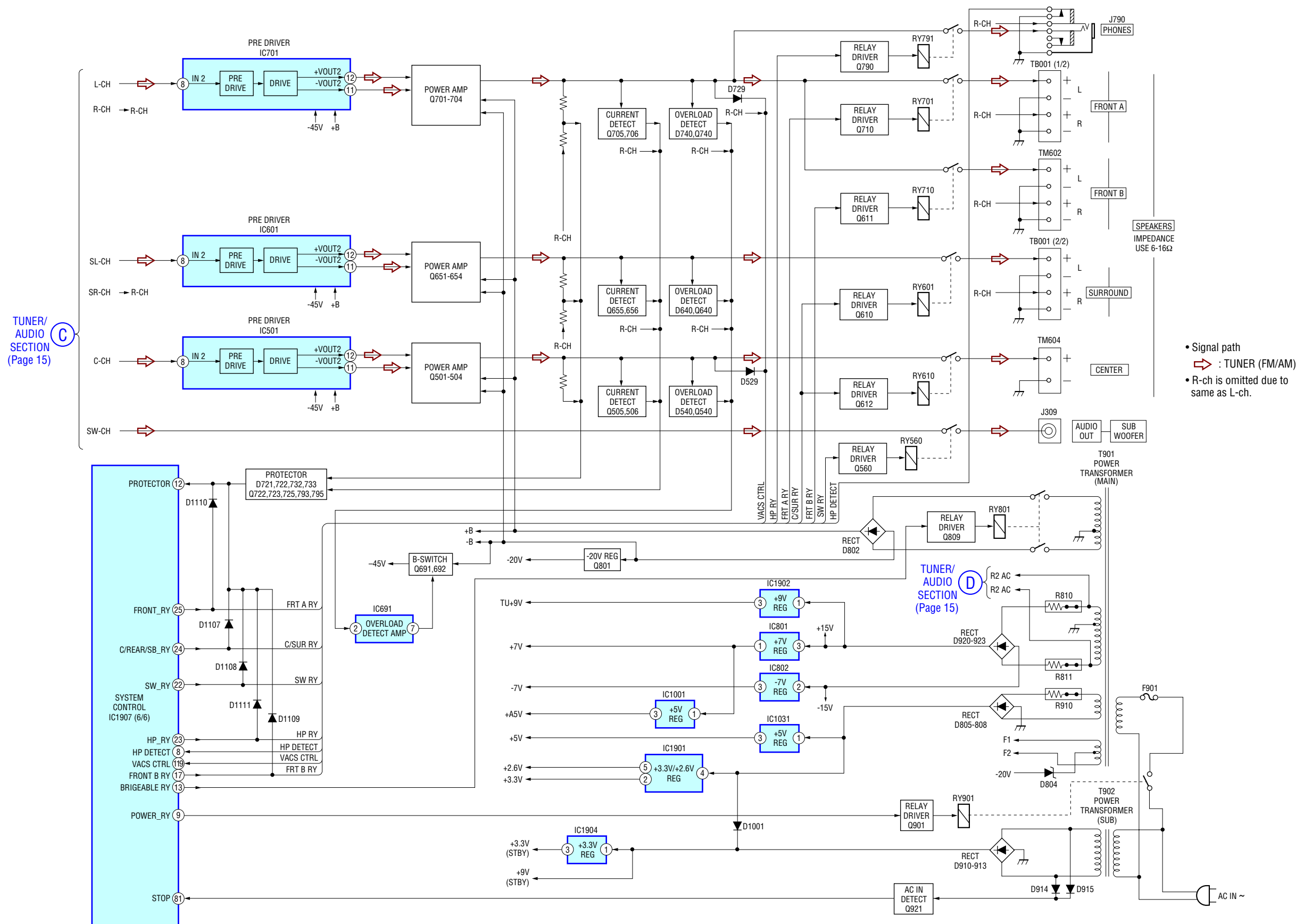
5-6. BLOCK DIAGRAM — XM SECTION —



5-7. BLOCK DIAGRAM — KEY/DISPLAY SECTION —



5-8. BLOCK DIAGRAM — OUTPUT/POWER SECTION —



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 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 $\frac{1}{4}\text{W}$ or less unless otherwise specified.
- $\triangle$: internal component.
-  : nonflammable resistor.
-  : fusible resistor.
-  : panel designation.

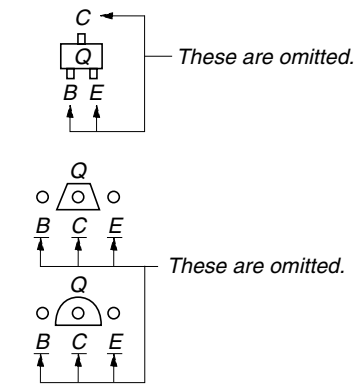
Note: The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety.
Replace only with part number specified.

-  : B+ Line.
-  : B- Line.
- Voltage 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 an oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
 -  : TUNER (FM/AM)
 -  : VIDEO (AUDIO)
 -  : VIDEO
 -  : DVD (DIGITAL)
 -  : CD (ANALOG)

for printed wiring boards:

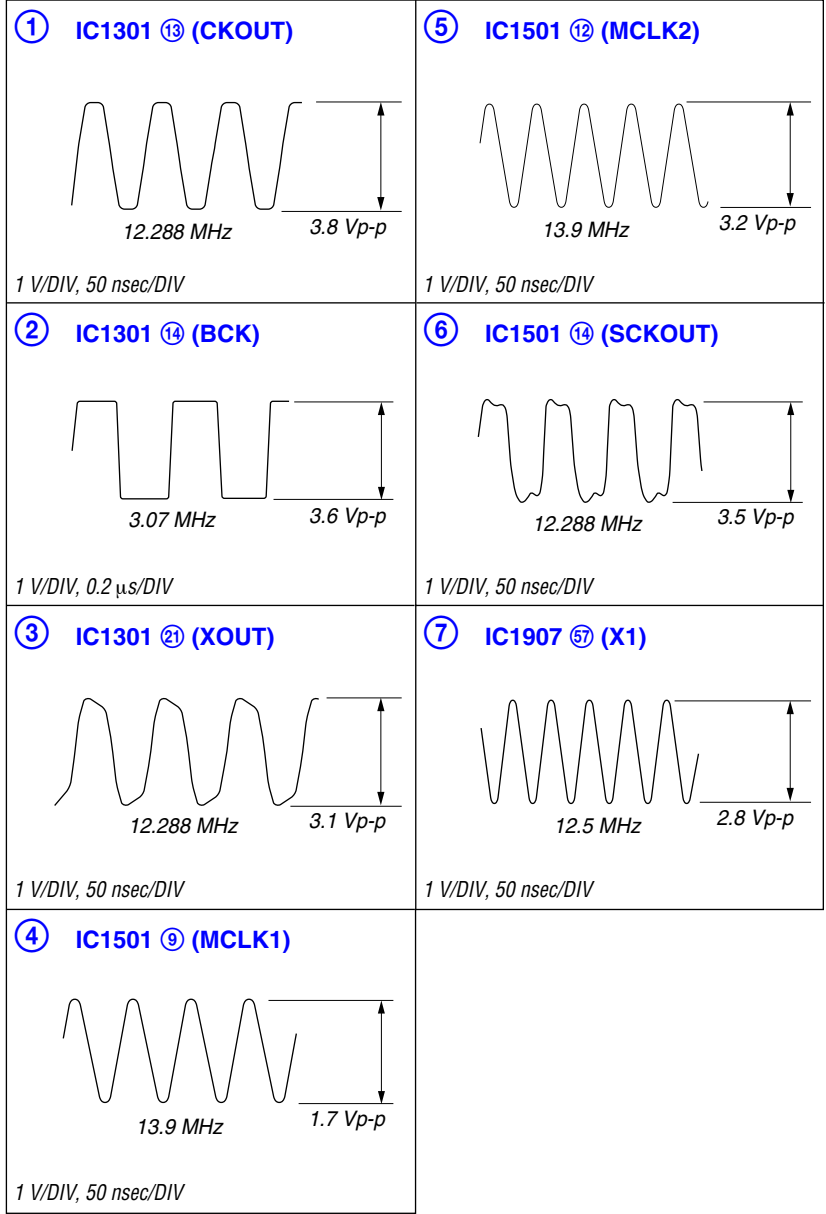
-  : parts extracted from the component side.
- $\triangle$: internal component.
-  : Pattern from the side which enables seeing.

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

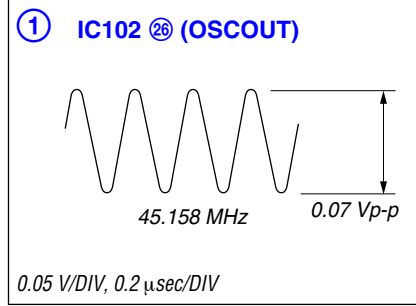


• Waveforms

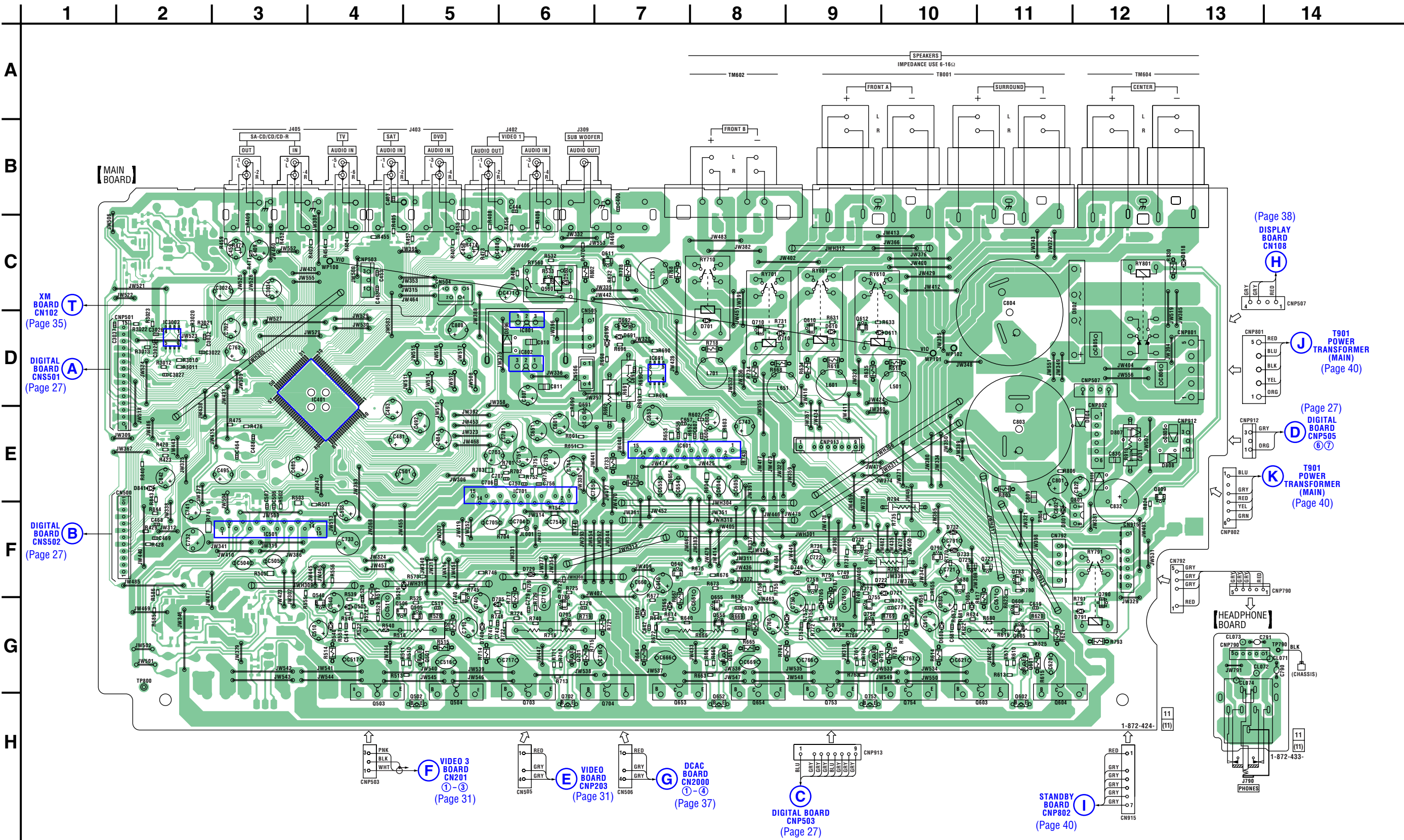
— DIGITAL Board —



— XM Board —



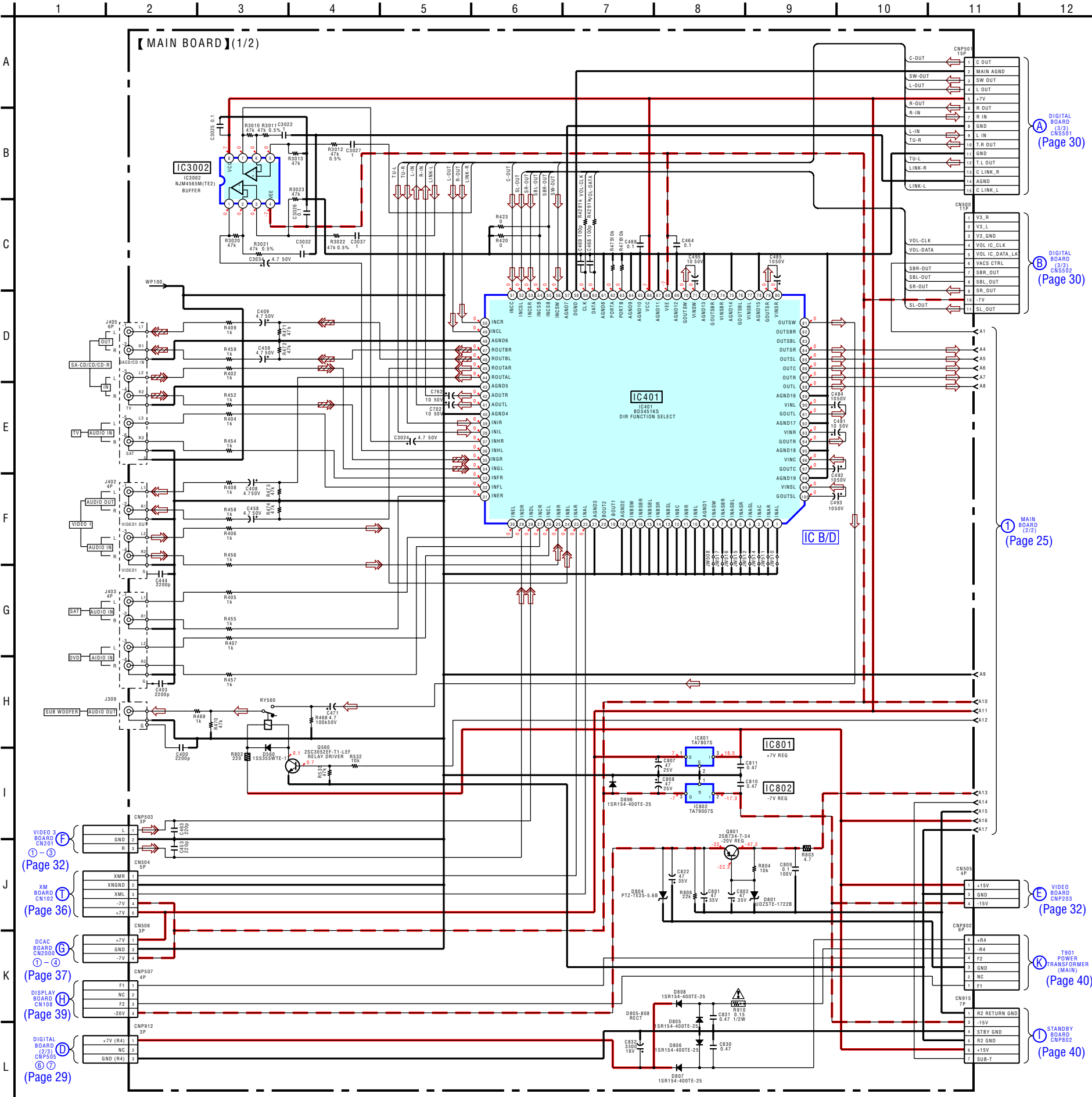
5-9. PRINTED WIRING BOARDS — MAIN SECTION — • Refer to page 14 for Circuit Boards Location. : Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D505	G-4	D680	G-10	D732	F-10	D804	E-12	IC401	D-4	Q501	G-5	Q602	H-11	Q651	G-8	Q701	G-6	Q725	F-10
D529	F-4	D690	D-7	D733	F-10	D805	E-13	IC501	F-3	Q502	H-5	Q603	H-11	Q652	H-8	Q702	H-6	Q740	F-5
D540	G-4	D691	D-7	D740	G-5	D806	E-12	IC601	E-7	Q503	H-4	Q604	H-11	Q653	H-7	Q703	H-6	Q750	F-9
D560	C-6	D701	D-8	D749	F-9	D807	E-12	IC691	D-7	Q504	H-5	Q605	G-11	Q654	H-8	Q704	H-7	Q751	G-9
D605	G-10	D705	G-5	D750	G-8	D808	E-12	IC701	E-6	Q505	G-5	Q606	G-11	Q655	G-8	Q705	G-6	Q752	H-9
D610	D-9	D710	D-8	D765	G-9	D818	C-13	IC801	D-6	Q506	G-4	Q610	D-9	Q656	G-8	Q706	G-6	Q753	H-9
D611	D-9	D721	F-10	D791	G-12	D841	E-2	IC802	D-6	Q540	G-4	Q611	C-7	Q680	F-10	Q710	D-8	Q754	H-10
D640	G-7	D722	F-9	D801	F-11	D896	D-6	IC3002	D-2	Q560	C-6	Q612	D-9	Q691	E-6	Q722	F-9	Q755	G-9
D665	G-7	D729	F-6	D802	C-12					Q601	G-11	Q640	F-7	Q692	D-7	Q723	F-11	Q756	G-9

5-10. SCHEMATIC DIAGRAM — MAIN SECTION (1/2) — • Refer to page 42 for IC Block Diagrams.



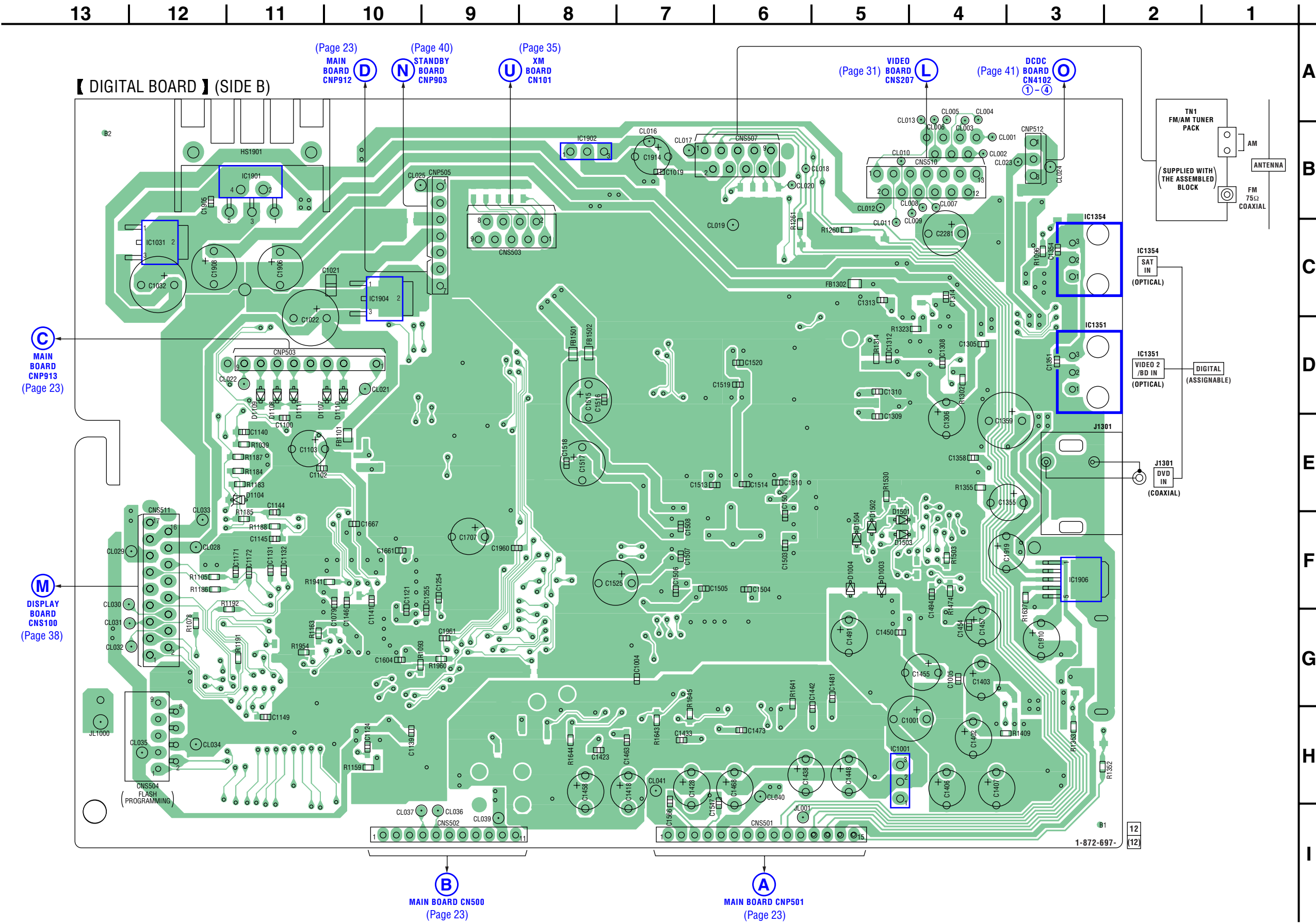


- **Semiconductor Location**

(): SIDE B

1-872-697- (12)

5-13. PRINTED WIRING BOARD — DIGITAL SECTION (2/2) — • Refer to page 14 for Circuit Boards Location. : Uses unleaded solder.

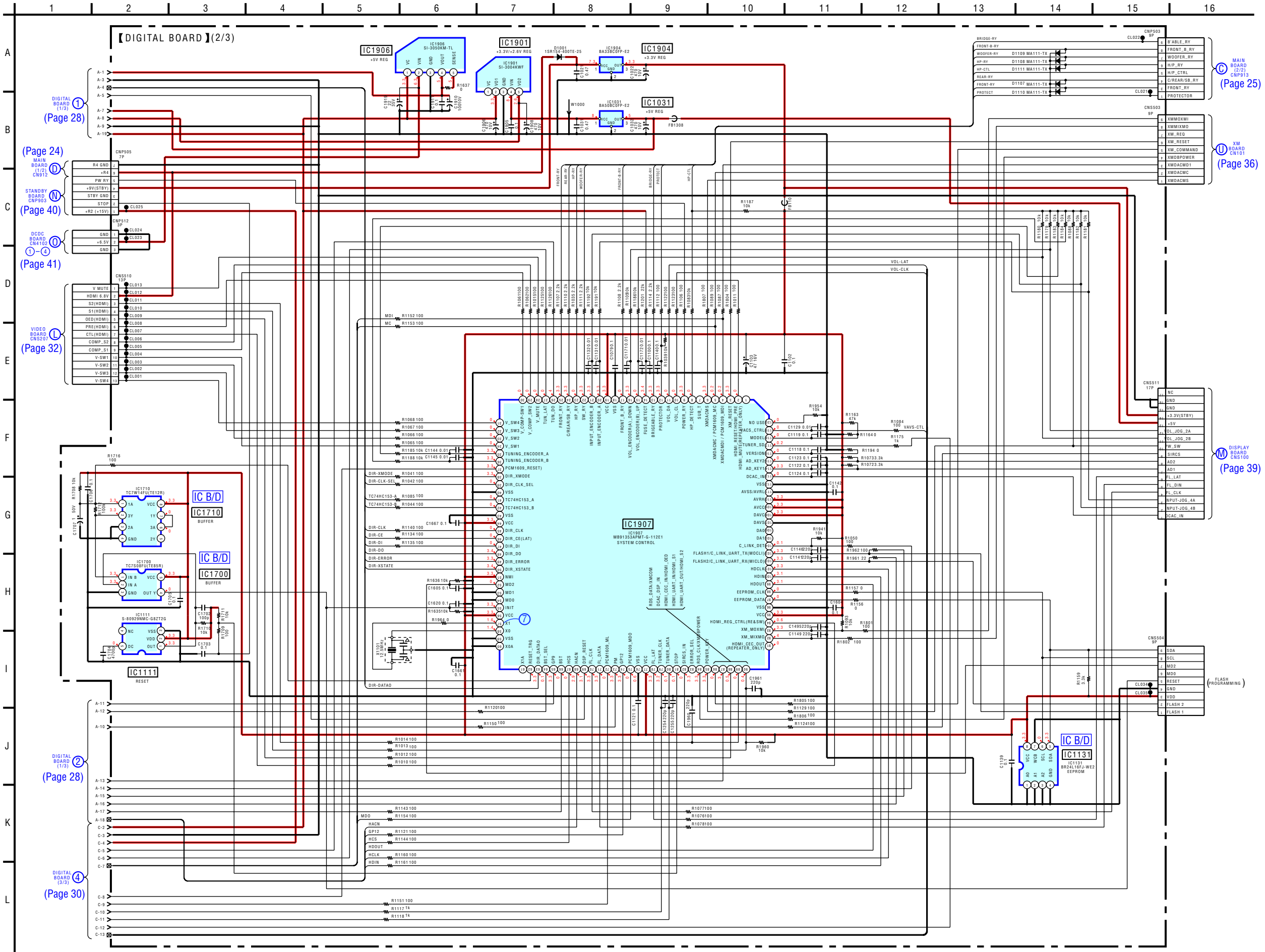


- Refer to page 22 for Waveforms.
- Refer to page 42 for IC Block Diagrams.
- Refer to page 48 for IC Pin Description.

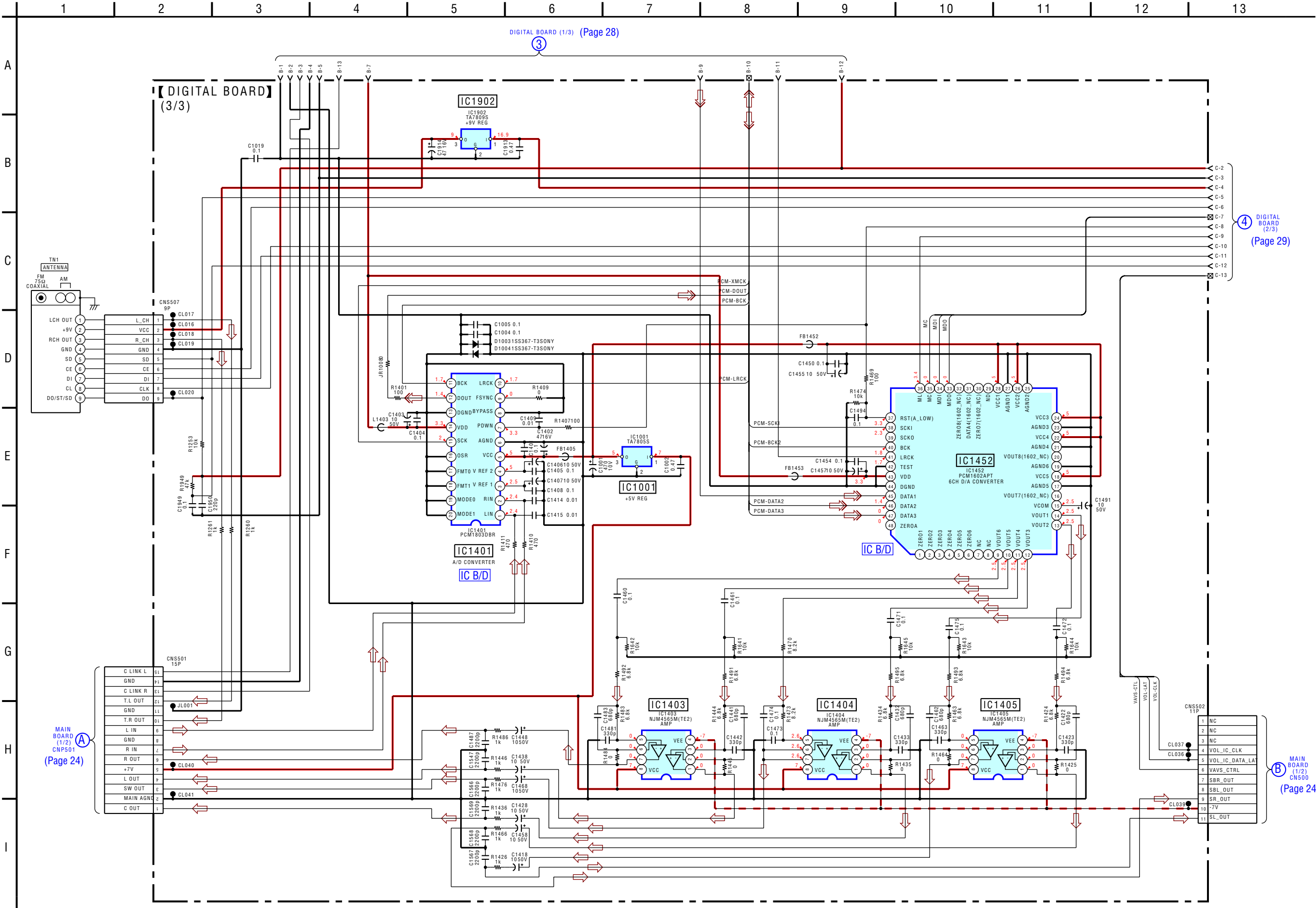


- Refer to page 22 for Waveforms.
- Refer to page 43 for IC Block Diagrams.
- Refer to page 50 for IC Pin Description.

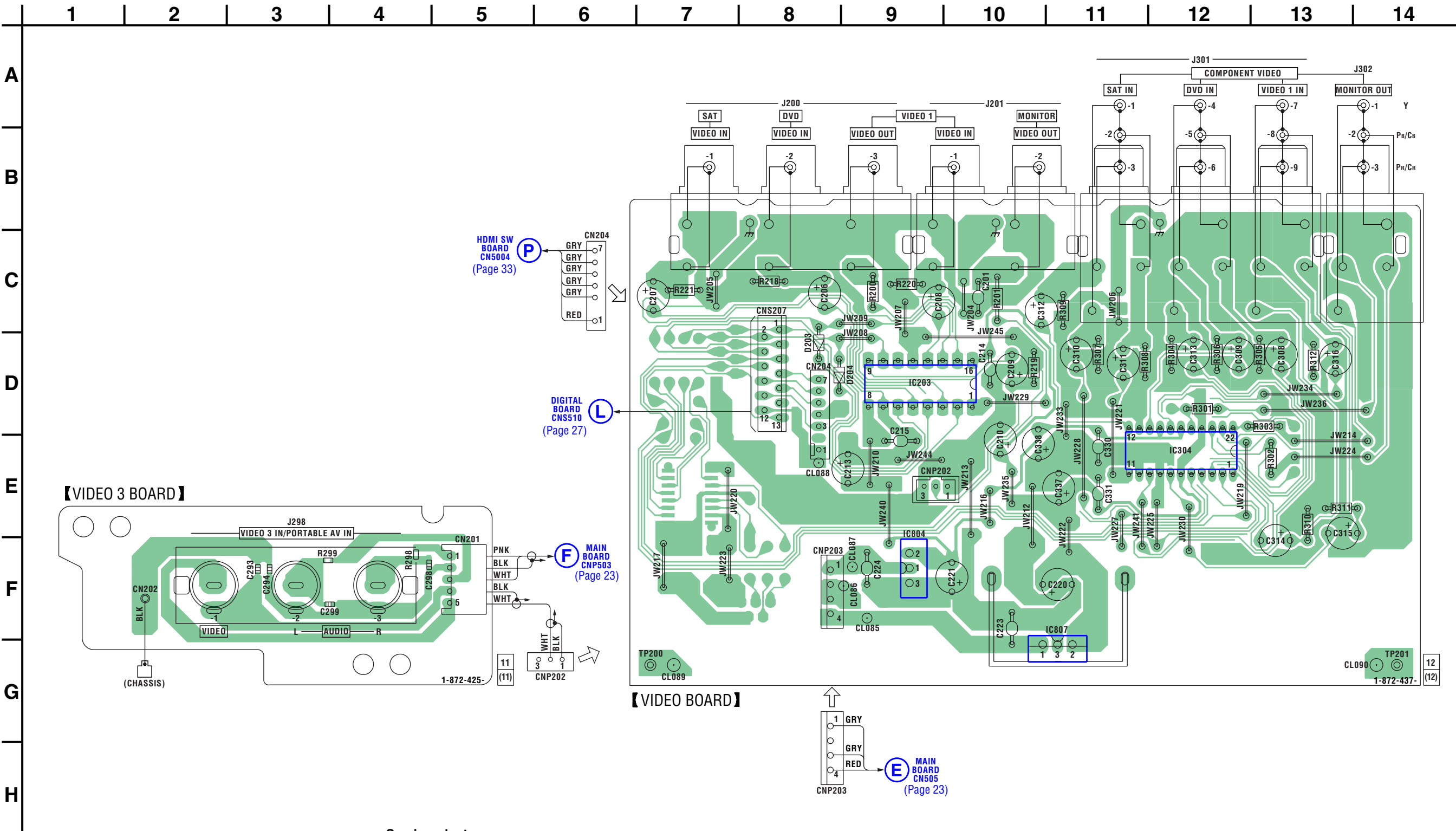
5-15. SCHEMATIC DIAGRAM — DIGITAL SECTION (2/3) —



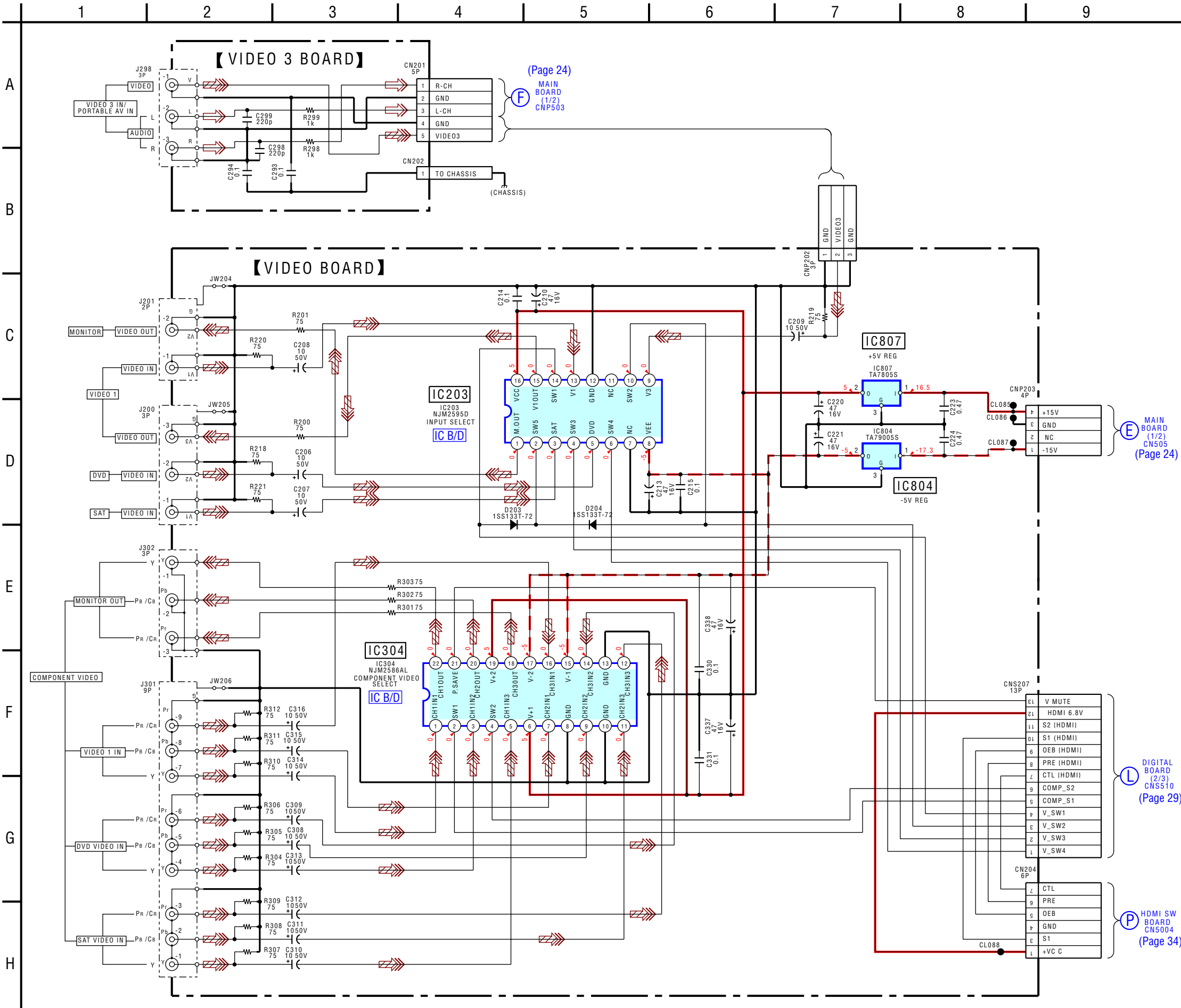
5-16. SCHEMATIC DIAGRAM — DIGITAL SECTION (3/3) — • Refer to page 43 IC Block Diagrams.



5-17. PRINTED WIRING BOARDS — VIDEO SECTION — • Refer to page 14 for Circuit Boards Location. : Uses unleaded solder.



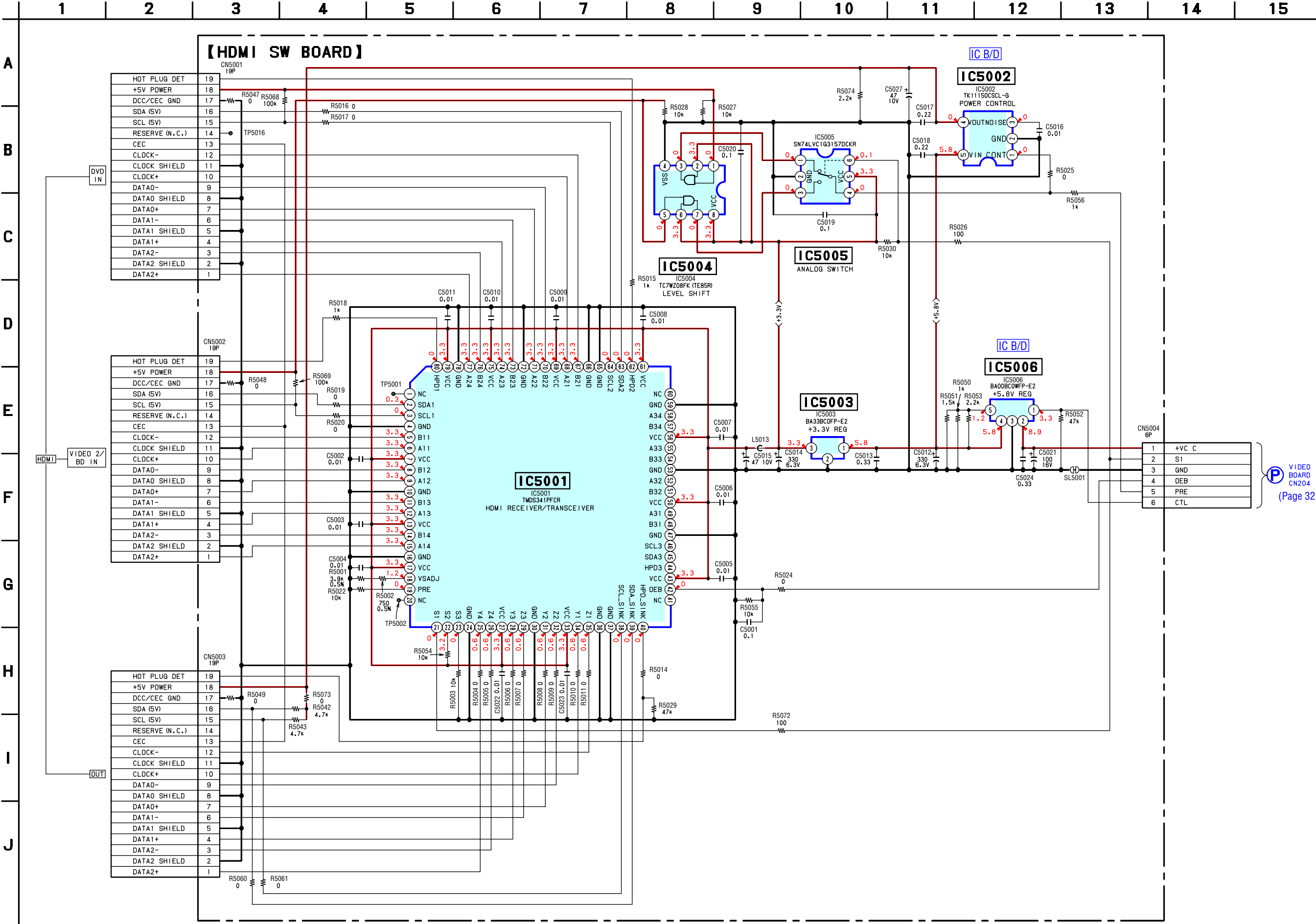
5-18. SCHEMATIC DIAGRAM — VIDEO SECTION — • Refer to page 44 for IC Block Diagrams.



5-20. SCHEMATIC DIAGRAM — HDMI SW SECTION —

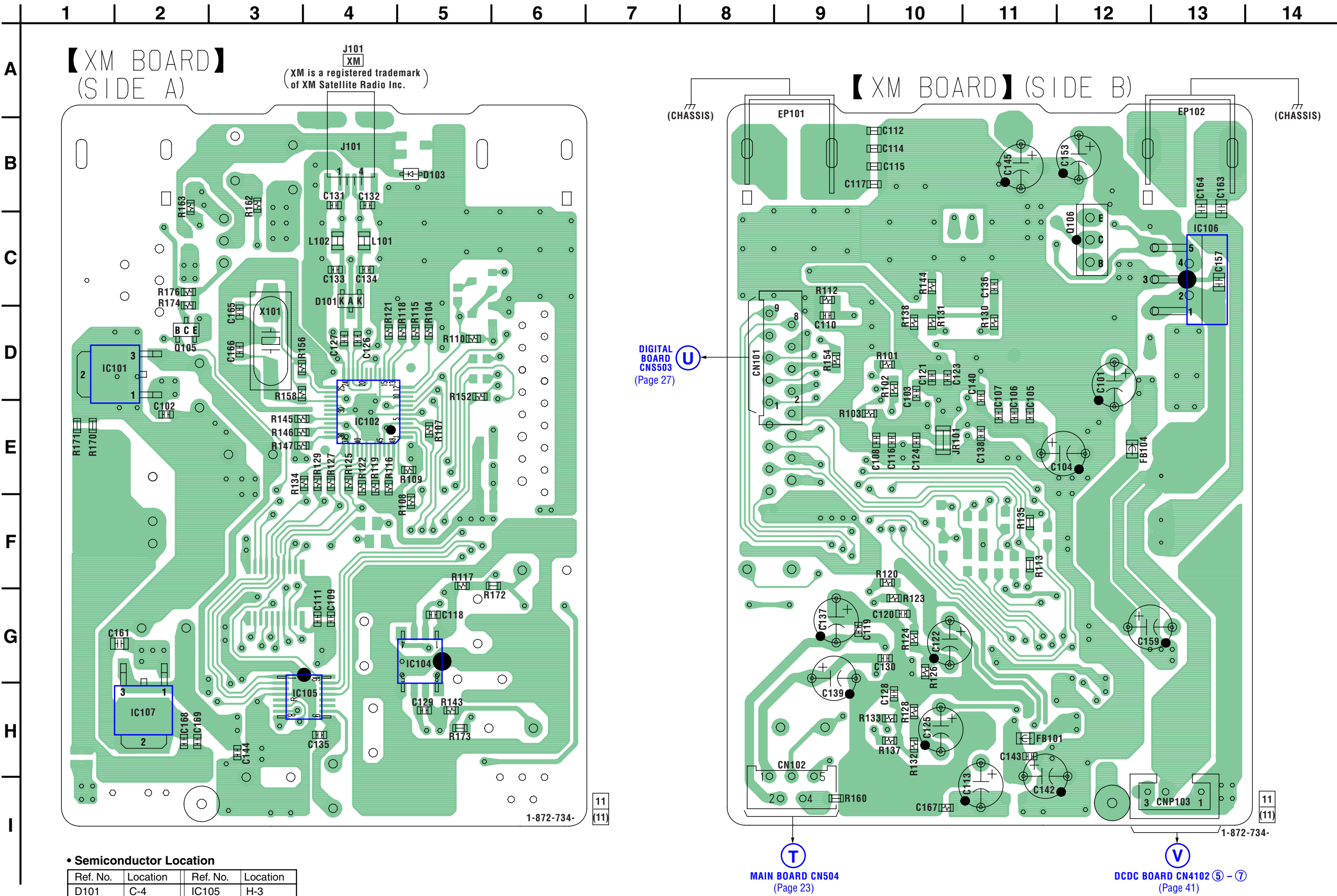
• Refer to page 45 for IC Block Diagrams.

• Refer to page 53 for IC Pin Description.



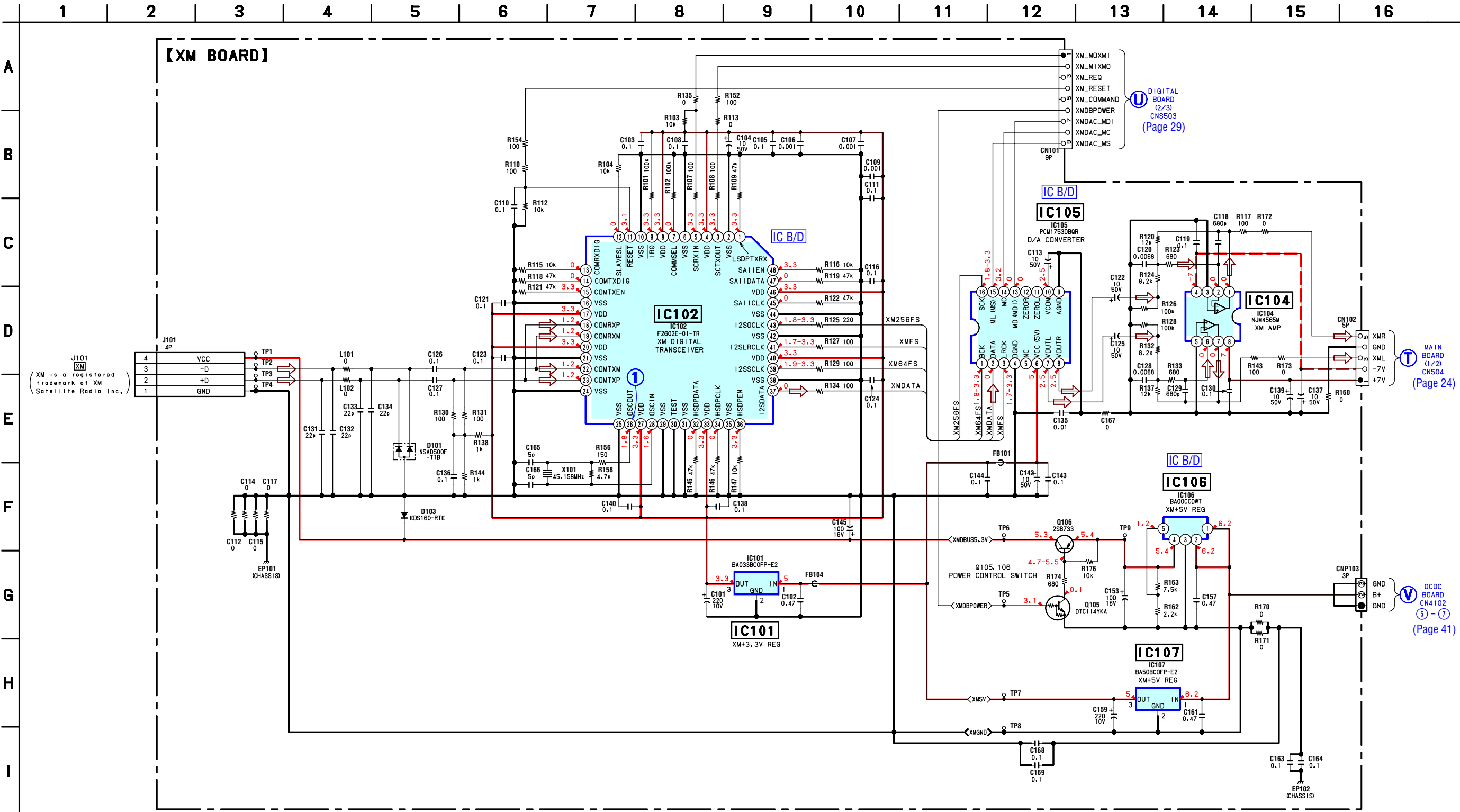
VIDEO BOARD CN204 (Page 32)

5-21. PRINTED WIRING BOARD — XM SECTION — • Refer to page 14 for Circuit Boards Location.  : Uses unleaded solder.



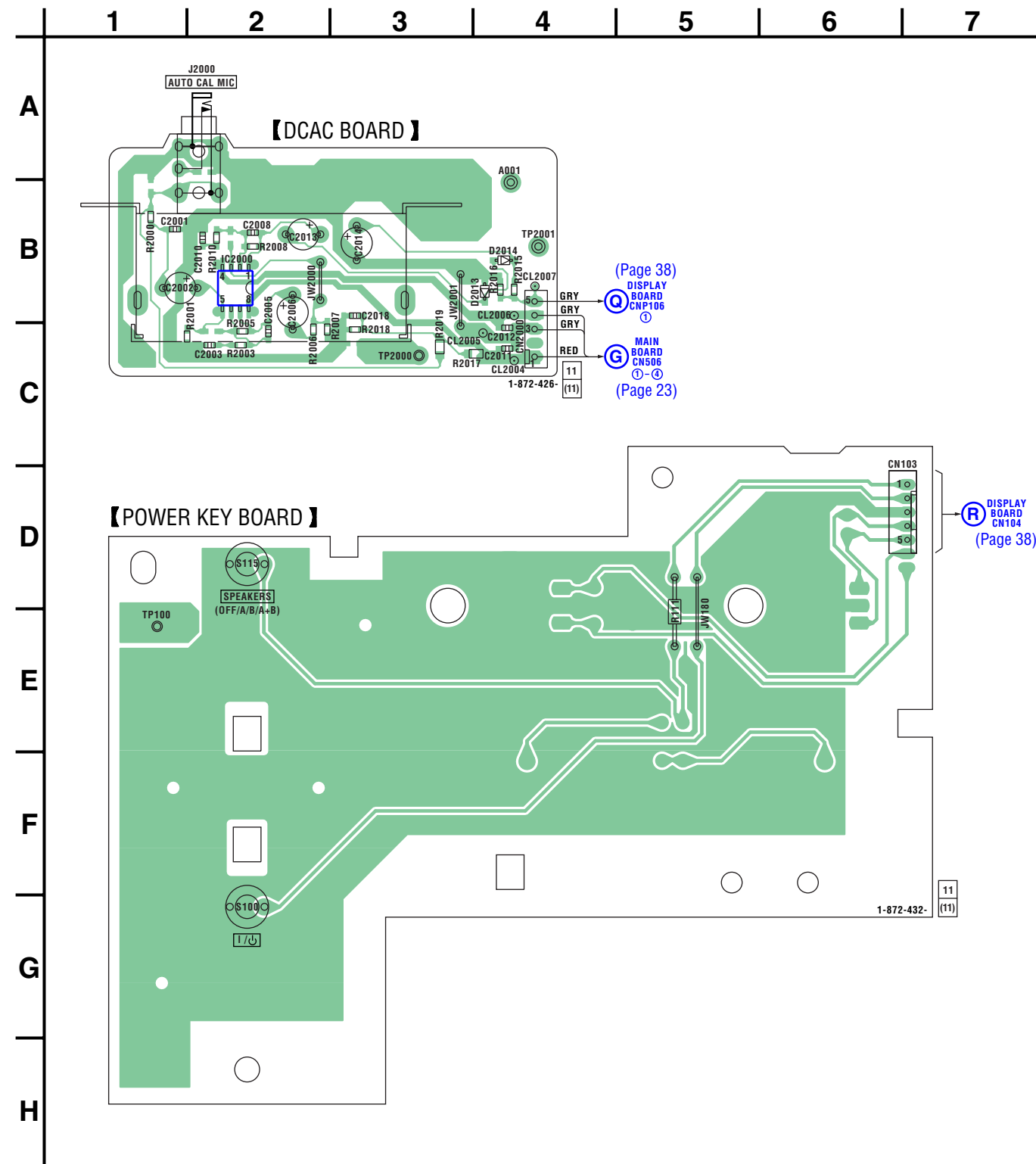
5-22. SCHEMATIC DIAGRAM — XM SECTION —

- Refer to page 22 for Waveforms.
- Refer to page 46 for IC Block Diagrams.

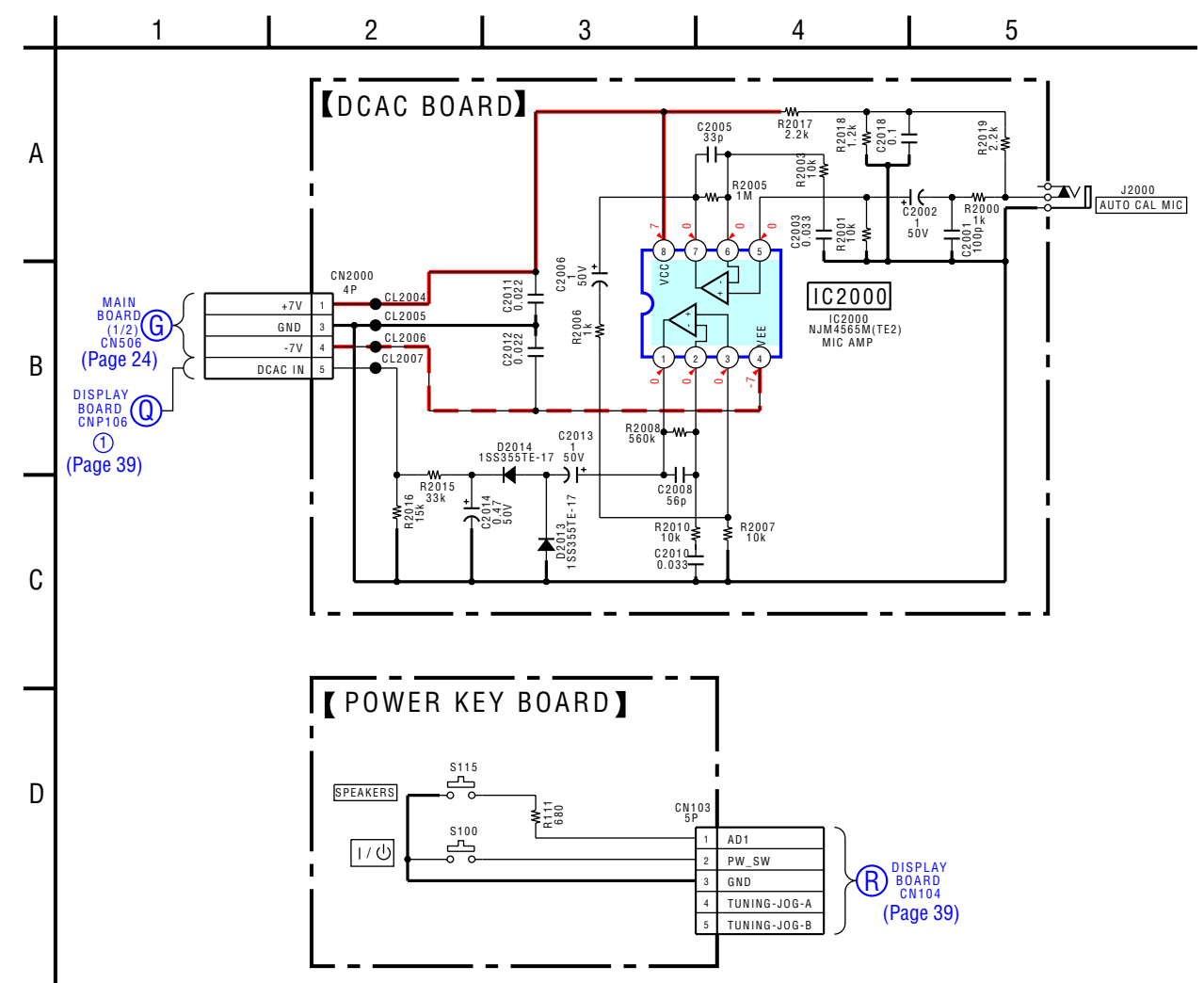


5-23. PRINTED WIRING BOARDS — DCAC, POWER KEY SECTION —

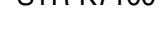
• Refer to page 14 for Circuit Boards Location.  : Uses unleaded solder.



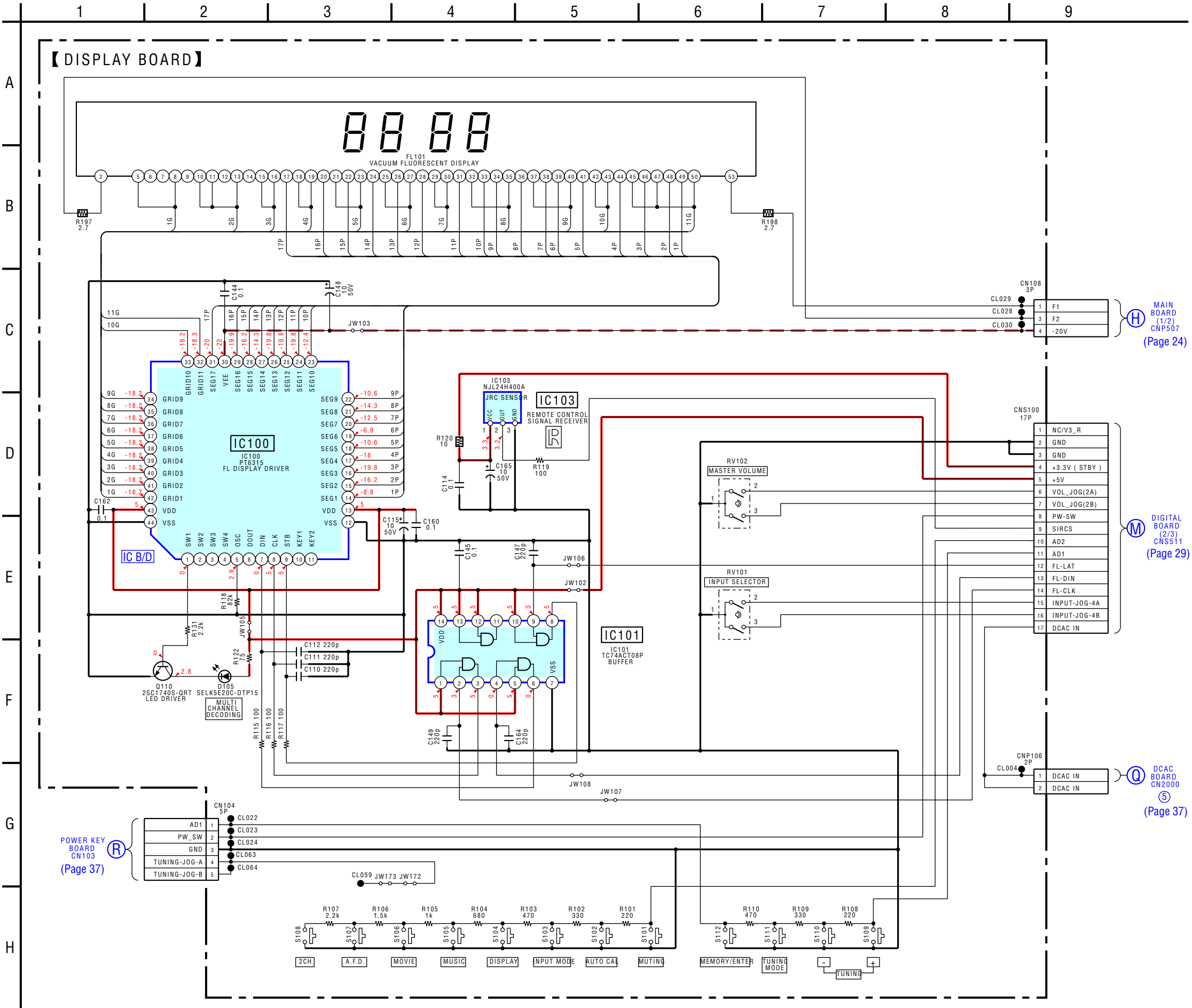
5-24. SCHEMATIC DIAGRAM — DCAC, POWER KEY SECTION —



CHIRK, 199

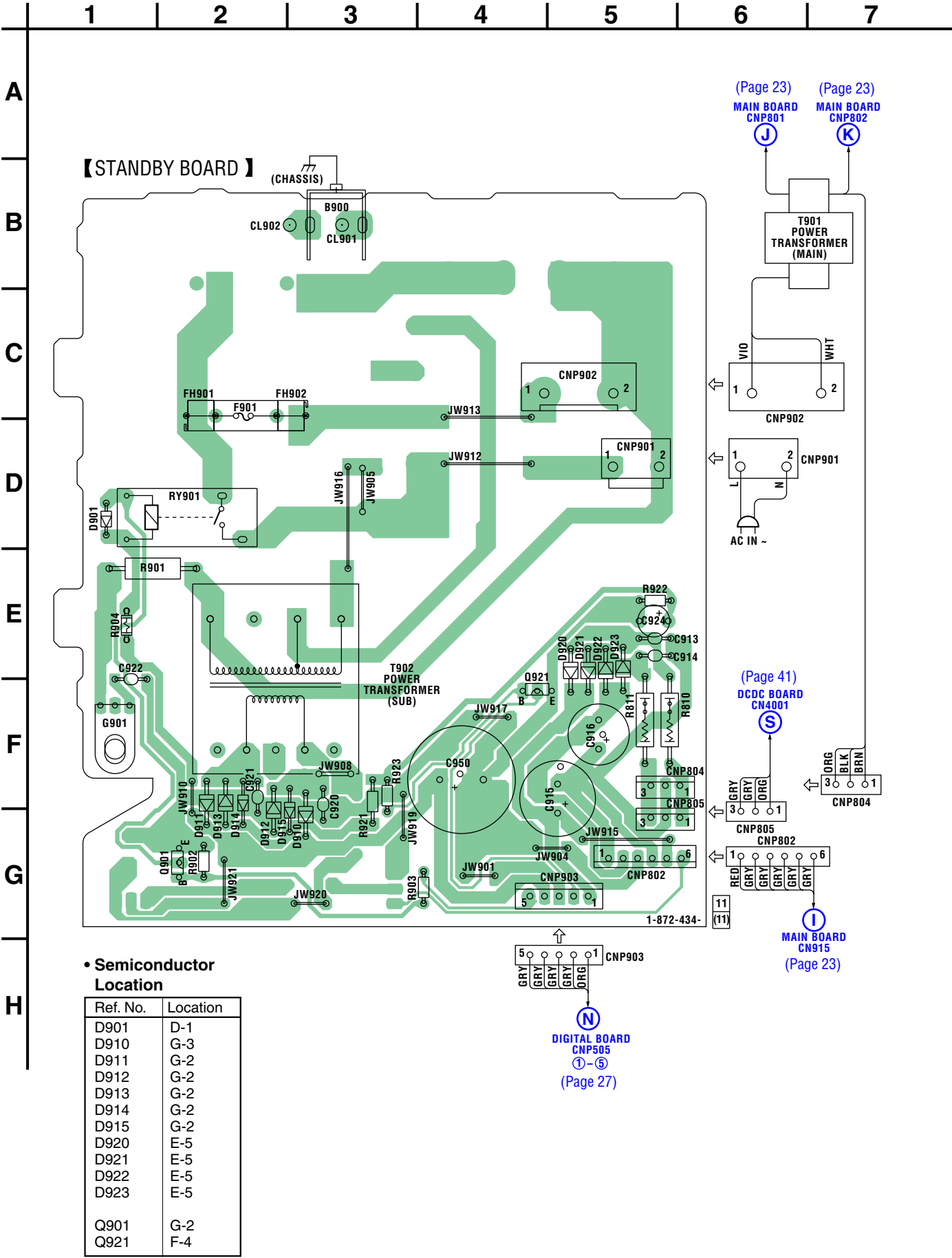


5-26. SCHEMATIC DIAGRAM — DISPLAY SECTION — • Refer to page 47 for IC Block Diagrams.

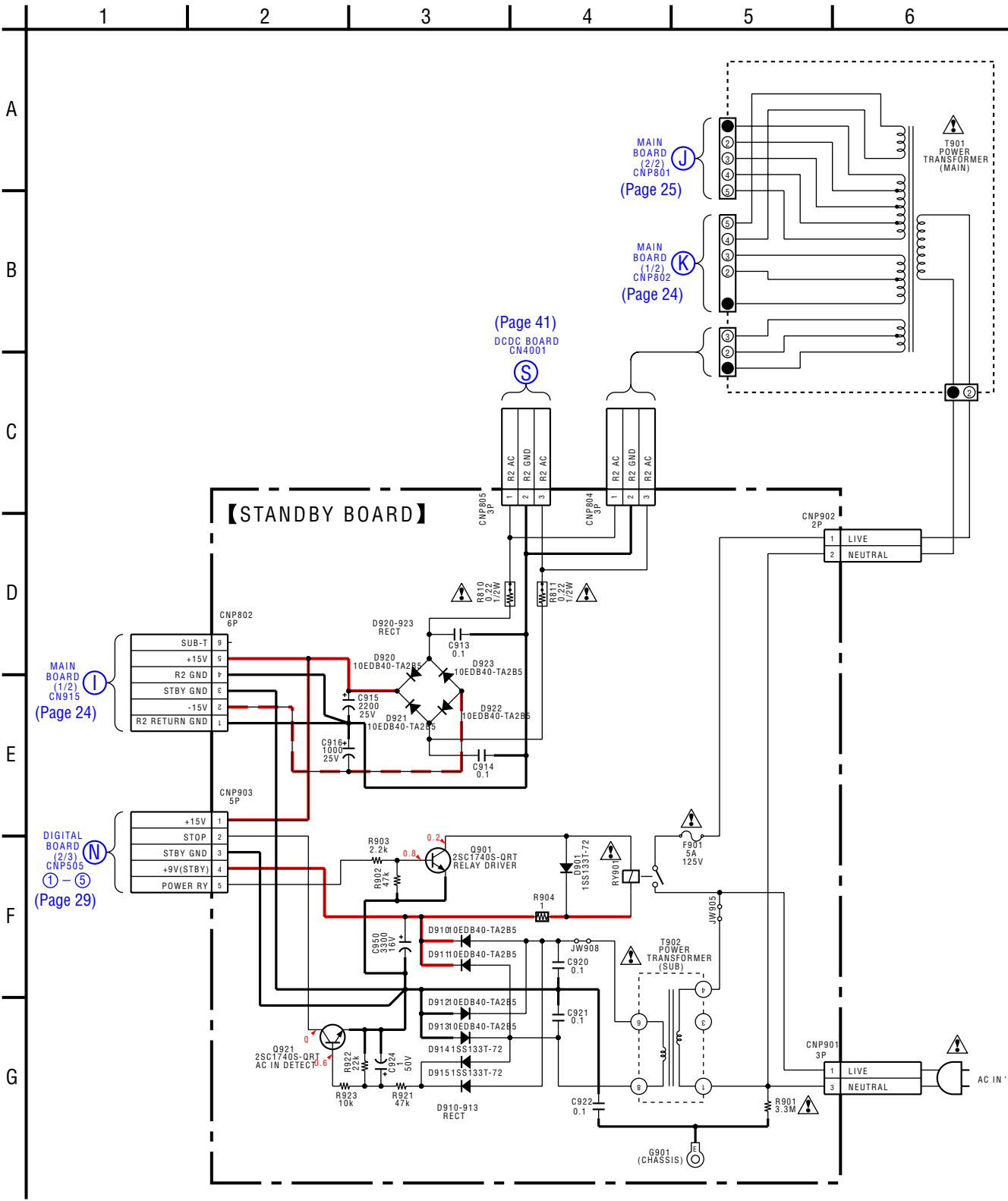


5-27. PRINTED WIRING BOARD — POWER SECTION —

• Refer to page 14 for Circuit Boards Location.  : Uses unleaded solder.

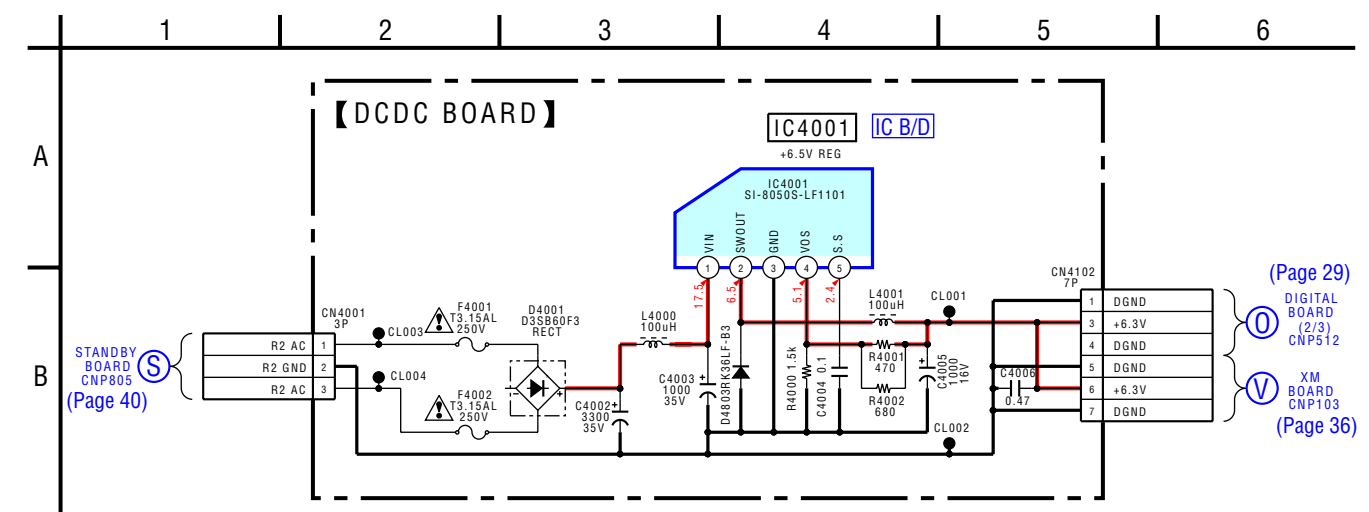
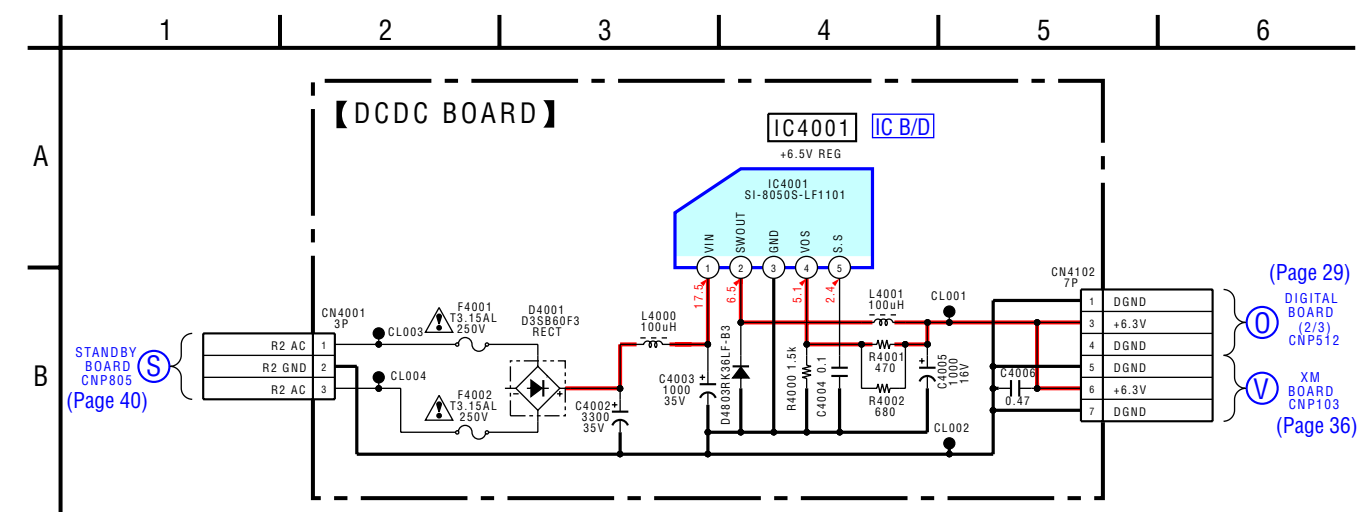


5-28. SCHEMATIC DIAGRAM — POWER SECTION —



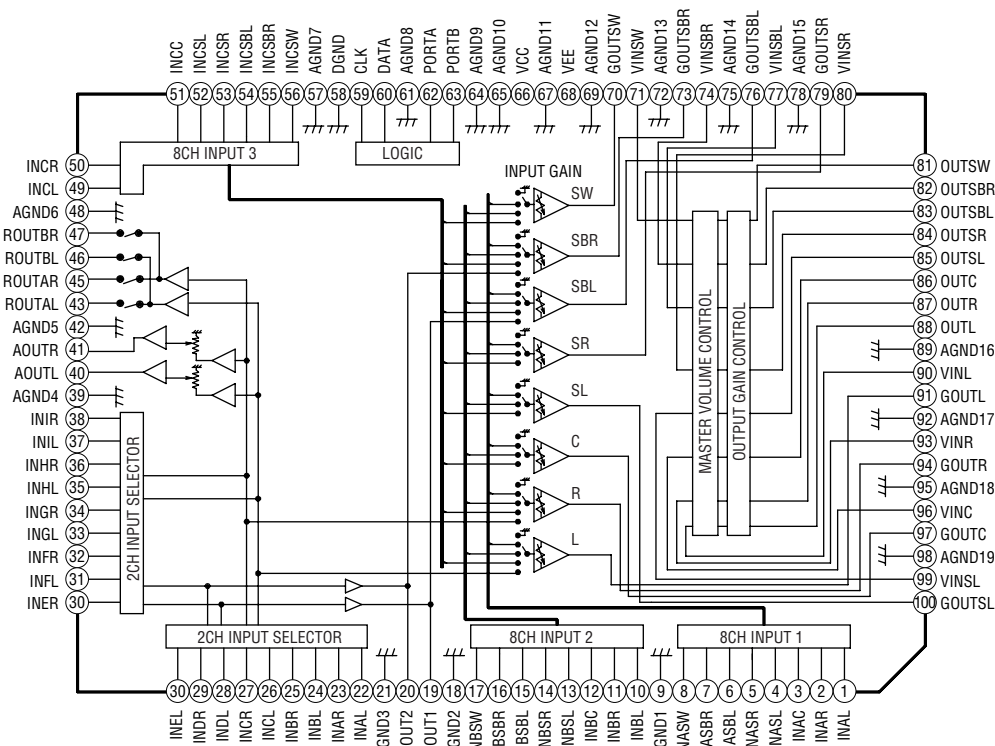
41

41

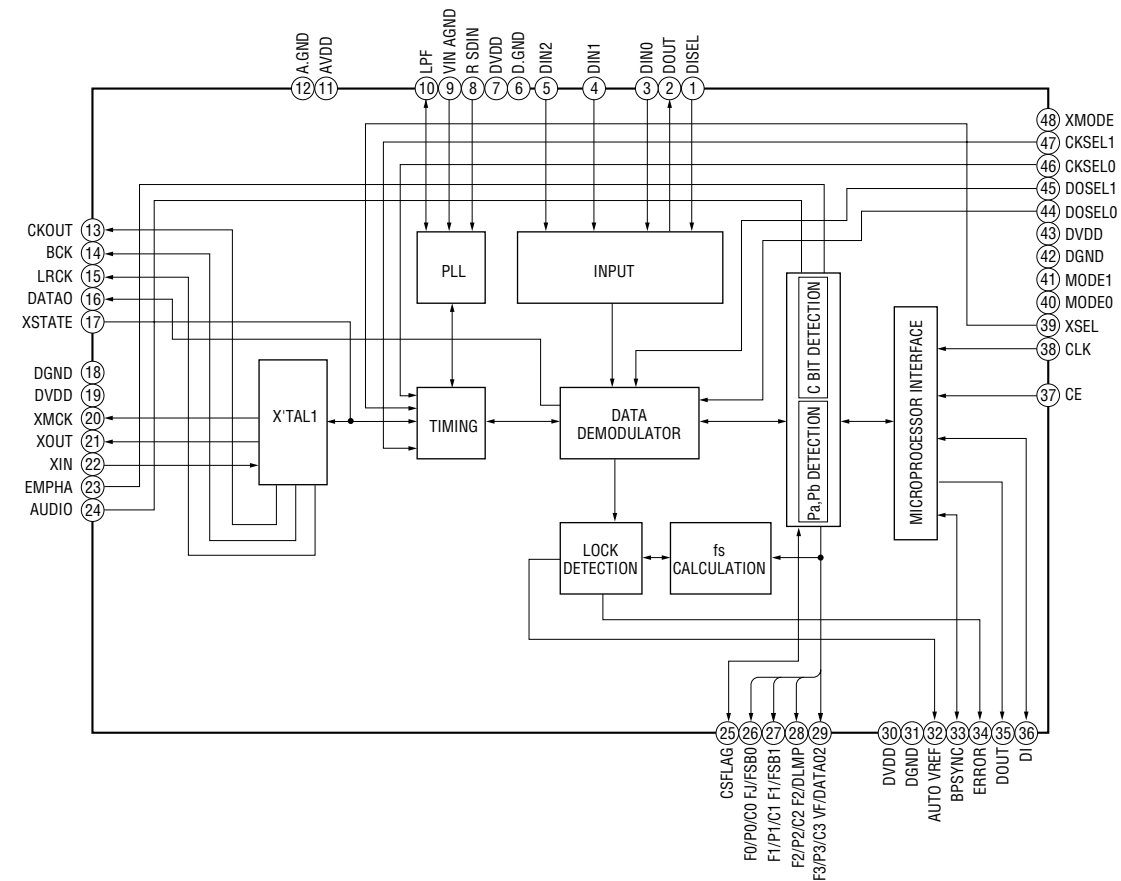


• IC Block Diagrams

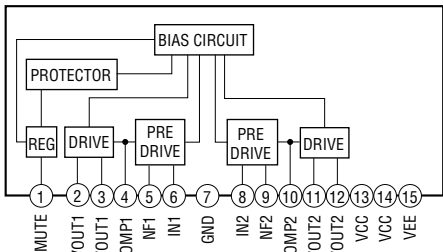
IC401 BD3451KS (MAIN Board (1/2))



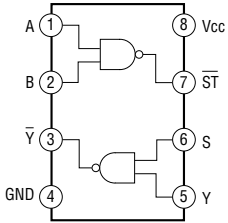
IC1301 LC89056W-E (DIGITAL Board (1/3))



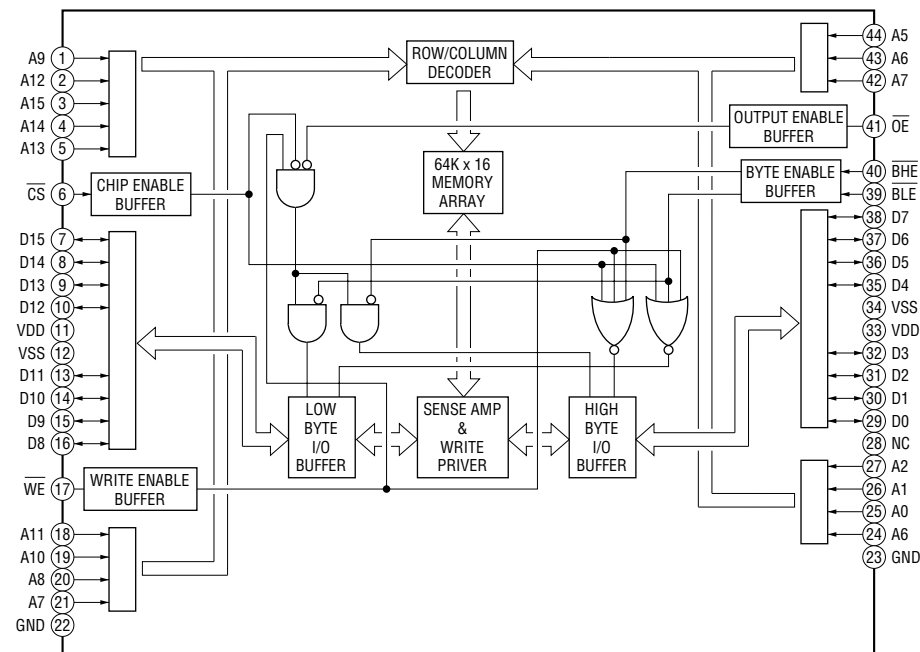
IC501 μ PC2581V-S (MAIN Board (2/2))
IC601 μ PC2581V-S (MAIN Board (2/2))
IC701 μ PC2581V-S (MAIN Board (2/2))

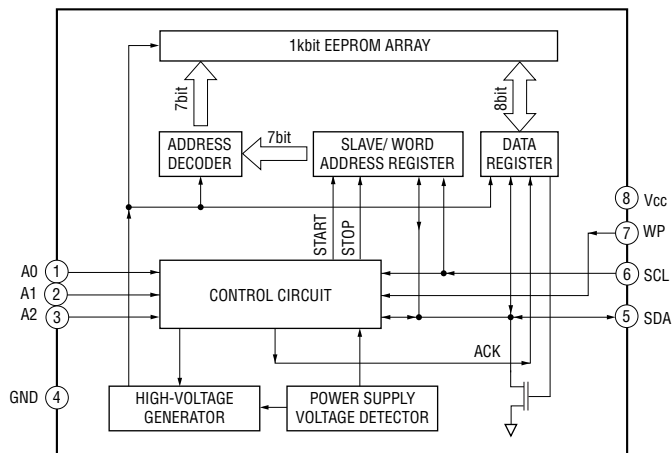
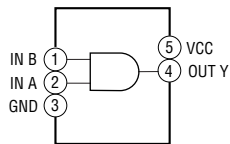
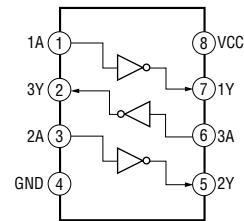
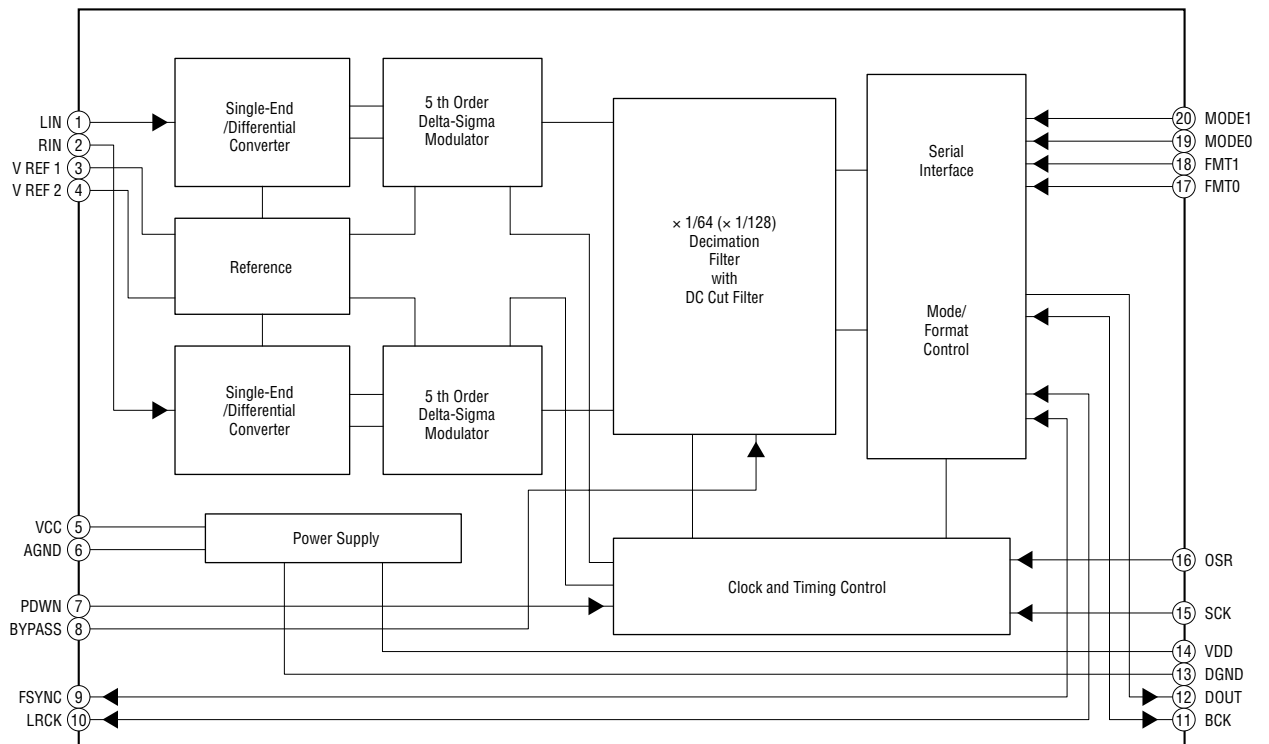


IC1503 TC7WH157FU(TE12R)
(DIGITAL Board (1/3))

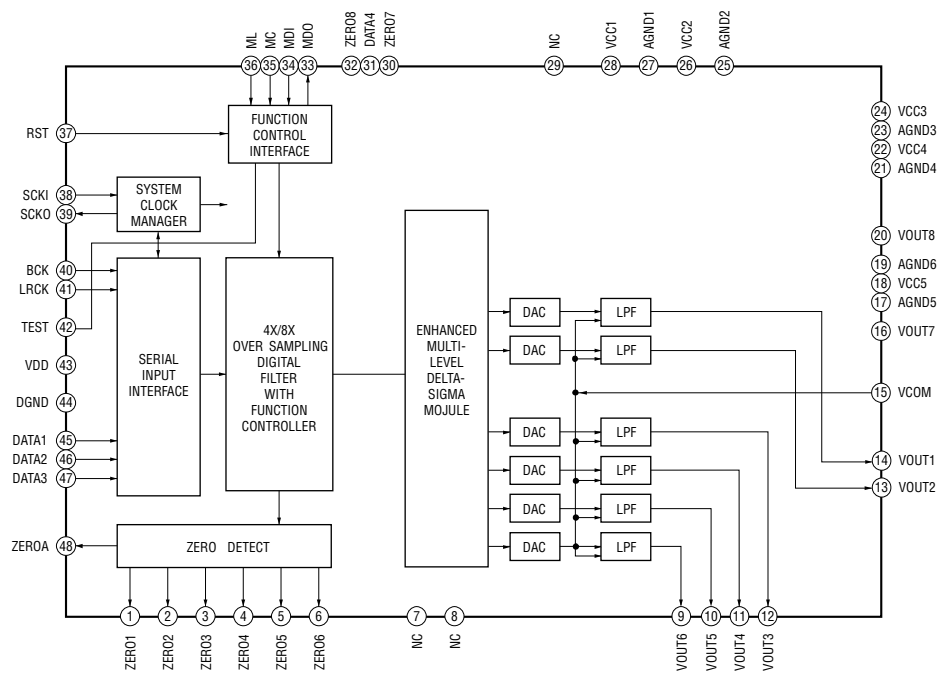


IC1502 IS61WV6416BLL-12TLI (DIGITAL Board (1/3))

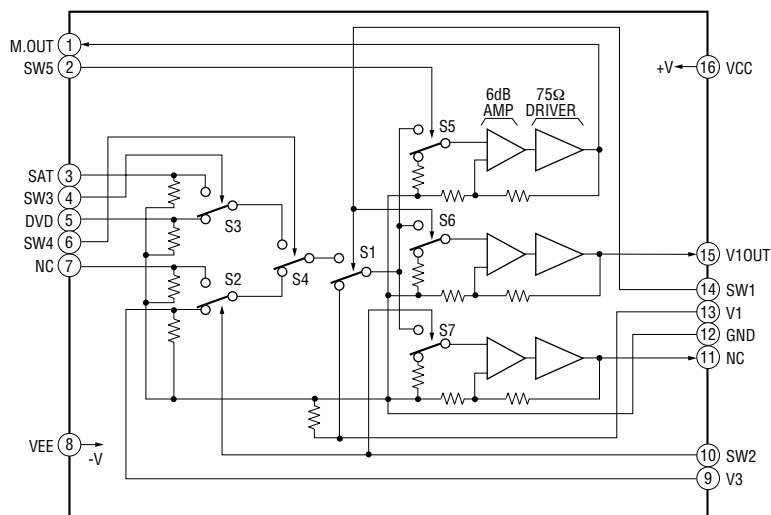


IC1131 BR24L16FJ-WE2 (DIGITAL Board (2/3))**IC1700 TC7S08FU(TE85R)
(DIGITAL Board (2/3))****IC1710 TC7W14FU(TE12R)
(DIGITAL Board (2/3))****IC1401 PCM1803DBR (DIGITAL Board (3/3))**

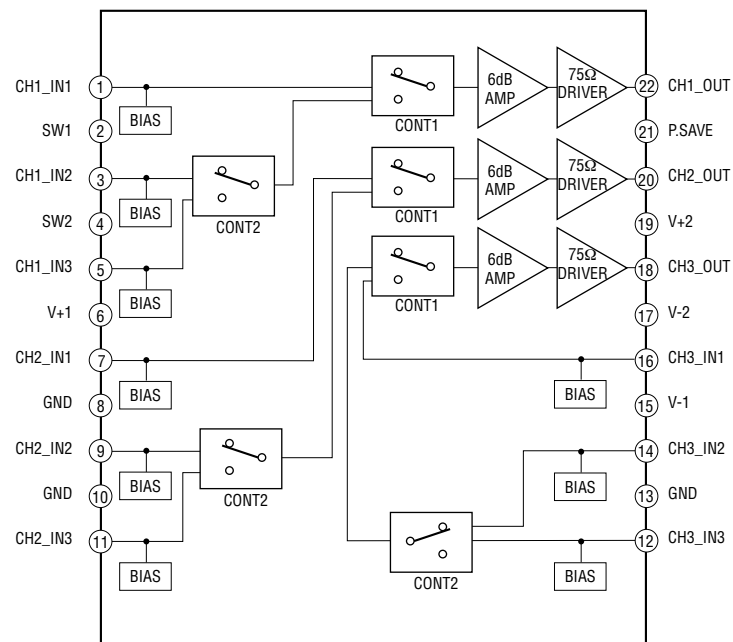
IC1452 PCM1602APT (DIGITAL Board (3/3))



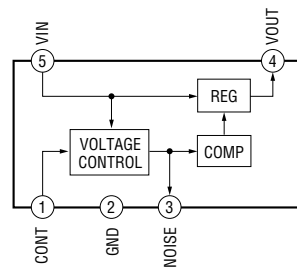
IC203 NJM2595D (VIDEO Board)



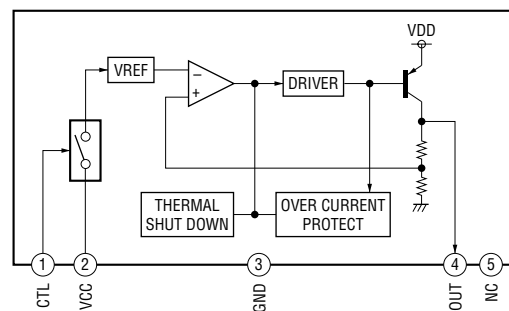
IC304 NJM2586AL (VIDEO Board)



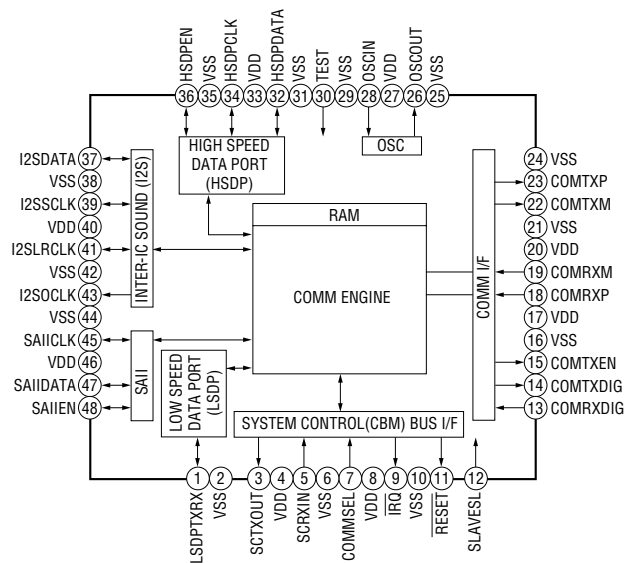
IC5002 TK11150CSCL-G (HDMI SW Board)



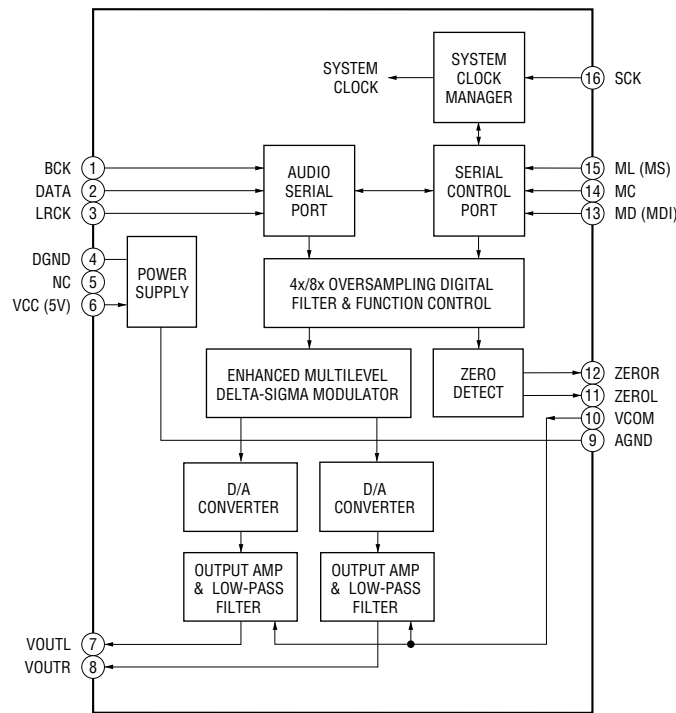
IC5006 BA00BC0WFP-E2 (HDMI SW Board)



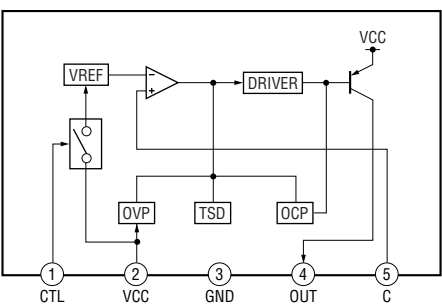
IC102 F2602E-01-TR (XM Board)



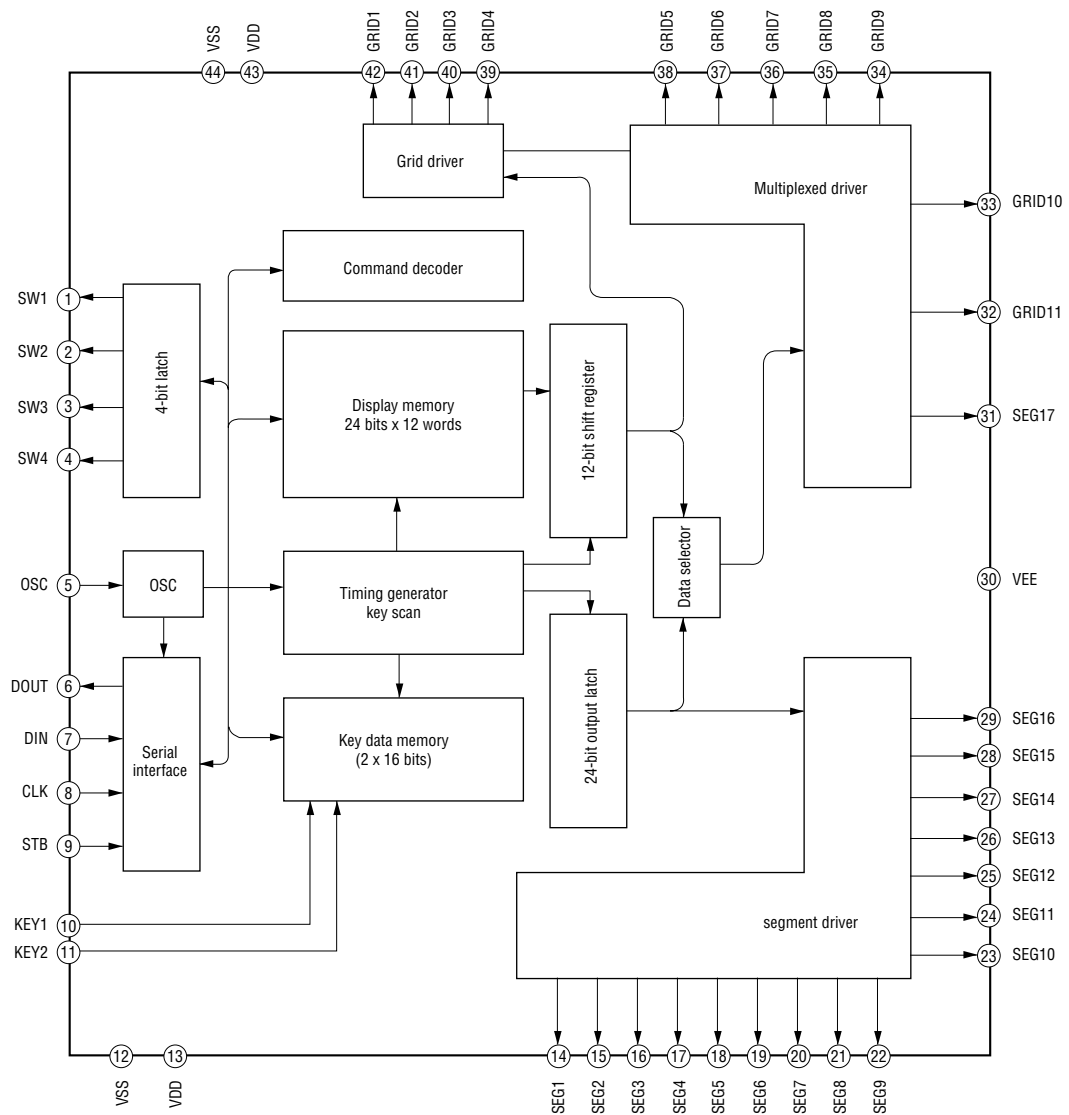
IC105 PCM1753DBQR (XM Board)



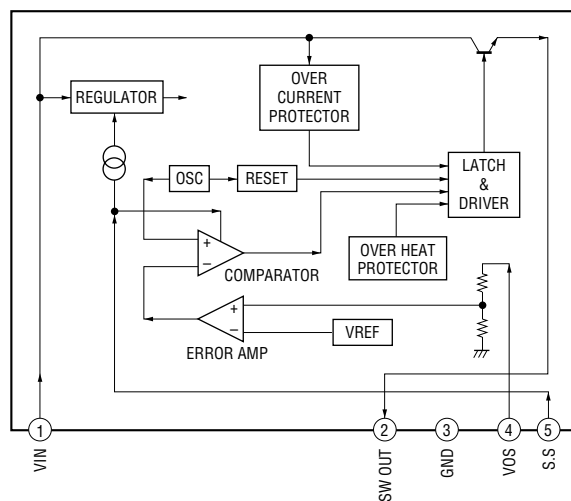
IC106 BA00CC0WT(-V5) (XM Board)



IC100 PT6315 (DISPLAY Board)



IC4001 SI-8050S-LF1101 (DCDC Board)



• IC Pin Descriptions

IC1501 CXD9718BQ (DIGITAL SIGNAL PROCESSOR) (DIGITAL BOARD (1/3))

Pin No.	Pin Name	I/O	Pin Description
1	VSS	—	Ground pin
2	XRST	I	Reset signal input from system control IC
3	EXTIN	I	Not used. (Connect to ground.)
4	LRCKI3	I	Not used. (Connect to ground.)
5	VDDI	I	Power supply pin (+1.9 V)
6	BCKI3	I	Not used. (Connect to ground.)
7	PLOCK	O	Not used. (Open)
8	VSS	—	Ground pin
9	MCLK1	I	Clock signal input (13.9 MHz)
10	VDDI	I	Power supply pin (+1.9 V)
11	VSS	—	Ground pin
12	MCLK2	O	Clock signal output (13.9 MHz)
13	MS	I	Not used. (Fixed at L.)
14	SCKOUT	O	Internal system clock signal output for 6CH D/A converter IC
15	LRCKI1	I	Sampling clock signal input from A/D converter IC
16	VDDE	I	Power supply pin (+3.3 V)
17	BCKI1	I	Bit clock signal input from A/D converter IC
18	SDI1	I	Audio IF data input from A/D converter IC
19	LRCKO	O	Sampling clock signal output for 6CH D/A converter IC
20	BCKO	O	Bit clock signal output for 6CH D/A converter IC
21	VSS	—	Ground pin
22	KFSIO	I/O	Audio clock signal (384fs/256fs) input/output for digital audio interface receiver IC
23 to 26	SDO1 to SDO4	O	Digital audio serial data output for 6CH D/A converter IC
27	SPDIF	O	Not used. (Open)
28	LRCKI2	I	Sampling clock signal input from A/D converter IC
29	BCKI2	I	Bit clock signal input from A/D converter IC
30	SDI2	I	Digital audio serial data input from digital audio interface receiver IC
31	VSS	—	Ground pin
32	HACN	O	Acknowledge signal output for system control IC
33	HDIN	I	Serial data input from system control IC
34	HCLK	I	Clock signal input from system control IC
35	HDOUT	O	Serial data output for system control IC
36	HCS	I	Chip select signal input from system control IC
37	GP12	I	GP12 signal input from system control IC
38, 39	GP13, GP14	O	Not used. (Open)
40	VDDI	I	Power supply pin (+1.9 V)
41	VSS	—	Ground pin
42	GP15	O	Not used. (Open)
43	OE0	O	SDRAM enable signal output
44	CS0	O	External memory chip select signal output for SDRAM IC
45	WE0	O	SDRAM write enable signal output for SDRAM IC
46	VDDE	I	Power supply pin (+3.3 V)
47	WMD1	I	Not used. (Fixed at H.)
48	VSS	—	Ground pin
49	WMD0	I	Not used. (Fixed at H.)
50	PAGE2	O	Not used. (Open)
51	VSS	—	Ground pin
52, 53	PAGE1, PAGE0	O	Not used. (Open)
54	BOOT	I	Not used. (Connect to ground.)
55	TST1	O	Not used. (Open)
56	BST	I	Boot stop signal input

Pin No.	Pin Name	I/O	Pin Description
57	MOD1	I	Operation mode signal input (L: 386fs, H: 256fs) (Fixed at H.)
58	MOD0	I	Operation mode signal input (L: single chip mode, H: use prohibited) (Fixed at L.)
59	EXLOCK	I	Error detection signal input from digital audio interface receiver IC
60	VDDI	I	Power supply pin (+1.9 V)
61	VSS	—	Ground pin
62, 63	A17, A16	O	Not used. (Open)
64 to 66	A15 to A13	O	External memory address signal output for SDRAM IC
67	GP10	O	Not used. (Open)
68	GP9	O	GP9 signal output for system control IC
69	GP8	I	Audio signal input from digital audio interface receiver IC
70	VDDI	I	Power supply pin (+1.9 V)
71	VSS	—	Ground pin
72 to 75	D15/GP7 to D12/GP4	I/O	External memory data input/output for SDRAM IC
76	VDDE	I	Power supply pin (+3.3 V)
77 to 80	D11/GP3 to D8/GP0	I/O	External memory data input/output for SDRAM IC
81	VSS	—	Ground pin
82	A9	O	External memory address signal output for SDRAM IC
83 to 85	A12 to A10	O	External memory address signal output for SDRAM IC
86	TDO	O	Not used. (Fixed at H.)
87	TMS	I	Not used. (Fixed at H.)
88	XTRST	I	Not used. (Fixed at H.)
89	TCK	I	Not used. (Fixed at H.)
90	TDI	I	Not used. (Fixed at H.)
91	VSS	—	Ground pin
92 to 97	A8 to A3	O	External memory address signal output for SDRAM IC
98, 99	D7, D6	I/O	External memory data input/output for SDRAM IC
100	VDDI	I	Power supply pin (+1.9 V)
101	VSS	—	Ground pin
102 to 105	D5 to D2	I/O	External memory data input/output for SDRAM IC
106	VDDE	I	Power supply pin (+3.3 V)
107, 108	D1, D0	I/O	External memory data input/output for SDRAM IC
109, 110	A2, A1	O	External memory address signal output for SDRAM IC
111	VSS	—	Ground pin
112	A0	O	External memory address signal output for SDRAM IC
113	PM	I	PLL initialization signal input from system control IC
114, 115	SDI3, SDI4	I	Not used. (Open)
116	SYNC	I	Sync/async select signal input (L: sync, H: async) (Fixed at H.)
117	TST2	I	Not used. (Connect to ground.)
118	GP11	I	Not used. (Connect to ground.)
119	TST3	I	Not used. (Connect to ground.)
120	VDDI	I	Power supply pin (+1.9 V)

IC1907 MB91353APMT-G-112E1 (SYSTEM CONTROL) (DIGITAL BOARD (2/3))

Pin No.	Pin Name	I/O	Pin Description
1	HDMI MUTE	I	HDMI mute signal input Not used in this set. (Open)
2	HDMI RESET/HDMI PRE	O	HDMI reset signal output
3	XM RESET	O	XM reset signal output
4	XMDACMDI/ PCM1609 MDI	O	XM D/A converter MDI signal output
5	XMDACMC/ PCM1609 MC	O	XM D/A converter MC signal output
6	XMDACMS	O	XM D/A converter MS signal output
7	SUB T	O	Sub T signal output Not used in this set. (Open)
8	HP DETECT	I	Headphone detect signal input
9	POWER RY	O	Power relay control signal output
10	VOL CL	O	Volume serial clock signal output
11	VOL DA	O	Volume serial latch signal output
12	PROTECTOR	I	Protect control signal input
13	BRIDGEABLE RY	O	Bridgeable relay control signal output
14	FUSE DETECT	I	Fuse detect signal input
15	VOL ENCODER(B) UP	I	Volume encoder signal input (up)
16	VOL ENCODER(A) DOWN	I	Volume encoder signal input (down)
17	FRONT B RY	O	Front B speakers relay control signal output
18	GND	—	Ground pin
19	VCC	—	Power supply pin (+3.3 V)
20	INPUT ENCODER A	I	Input select encoder signal input A
21	INPUT ENCODER B	I	Input select encoder signal input B
22	SW RY	O	Sub woofer relay control signal output
23	HP RY	O	Headphone relay control signal output
24	C/REAR/SB RY	O	Center/surround speaker relay control signal output
25	FRONT RY	O	Front speaker relay control signal output
26	TUN DO	I	Tuner serial data signal input
27	TUN LAT	O	Tuner serial latch signal output
28	V MUTE	O	Video mute control signal output
29	V COMP SW2	O	Video component select switch control signal output 2
30	V COMP SW1	O	Video component select switch control signal output 1
31	V SW4	O	Video input select switch control signal output 4
32	V SW3	O	Video input select switch control signal output 3
33	V SW2	O	Video input select switch control signal output 2
34	V SW1	O	Video input select switch control signal output 1
35	TUNING ENCODER A	I	Tuning encoder signal input A Not used in this set.
36	TUNING ENCODER B	I	Tuning encoder signal input B Not used in this set.
37	PCM1609 RESET	O	A/D and D/A converters reset signal output
38	DIR XMODE	O	Digital audio interface receiver reset signal output
39	DIR CLK SEL	O	Digital audio interface receiver serial clock select signal output
40	VSS	—	Ground pin
41	TC74HC153A	O	Input select switch control signal output A
42	TC74HC153B	O	Input select switch control signal output B
43	VSS	—	Ground pin
44	VCC	—	Power supply pin (+3.3 V)
45	DIR CLK	O	Digital audio interface receiver serial clock signal output
46	DIR CE(LAT)	O	Digital audio interface receiver serial latch signal output
47	DIR DI	O	Digital audio interface receiver serial data signal output
48	DIR DO	I	Digital audio interface receiver serial data signal input

Pin No.	Pin Name	I/O	Pin Description
49	DIR ERROR	I	Digital audio interface receiver error signal input
50	DIR XSTATE	I	Digital audio interface receiver state signal input
51	NMI	I	Non Maskable interrupt input
52	MD2	I	Operation mode setting pin 2
53	MD1	I	Operation mode setting pin 1 (Connect to GND.)
54	MD0	I	Operation mode setting pin 0 (Connect to GND.)
55	INIT	I	External reset signal input
56	VCC	I	Power supply pin (+3.3 V)
57	X1	O	High speed clock output (12.5 MHz) (Main clock)
58	X0	I	High speed clock input (12.5 MHz) (Main clock)
59	VSS	—	Ground pin
60	X0A	I	Low speed clock input (Sub clock) Not used in this set. (Connect to GND.)
61	X1A	O	Low speed clock output (Sub clock) Not used in this set. (Open)
62	RST TRG	I	Reset trigger signal input
63	DIR DATA0	I	Digital audio interface receiver serial data signal input
64	BST SEL	O	Burst select signal output
65	GP9	I	GP9 address strobe signal input
66	BST	O	Burst signal output
67	HCS	O	HCS signal output
68	HACN	I	HACN signal output
69	DSP RESET	O	Digital signal processor reset signal output
70	FL CLK	O	Fluorescent display serial clock signal output
71	FL DATA	O	Fluorescent display serial data signal output
72	PCM1609 ML	O	ML signal output
73	PM	O	PM signal output
74	GP12	O	GP12 address strobe signal output
75	PCM1609 MDO	I	MD signal input
76	VSS	—	Ground pin
77	VCC	I	Power supply pin (+3.3 V)
78	FL LAT	O	Fluorescent display serial latch signal output
79	TUNER CLK	O	Tuner serial clock signal output
80	TUNER DATA	O	Tuner serial data signal output
81	STOP	I	Stop signal input
82	SIRCS IN	I	Remote control signal input
83	ERROR SEL	I	Error select signal input Not used in this set. (Open)
84	RDS CLK/XMDBPOWER	I/O	XMDB power control signal output
85	POWER KEY	I	Power key signal input
86	RDS DATA/XM COM	I	XM command signal input
87	DCAC DSP IN	I	DCAC display in signal input
88	HDMI CEC IN/HDMI OED	I	HDMI OED signal input
89	HDMI UART IN/HDMI S1	I	HDMI select signal input
90	HDMI UART OUT/HDMI S2	O	HDMI select signal output
91	HDMI CEC OUT	O	HDMI CEC signal output Not used in this set. (Open)
92	XM MIXMO	I	XM MIXMO signal input
93	XM MOXMI	O	XM MOXMI signal output
94	HDMI REG CTRL	O	HDMI REG control signal output
95	VCC	I	Power supply pin (+3.3 V)
96	VSS	—	Ground pin
97	EEPROM DATA	I/O	EEPROM serial data signal input/output
98	EEPROM CLK	O	EEPROM serial clock signal output
99	HD OUT	I	HD signal input from digital signal processor

Pin No.	Pin Name	I/O	Pin Description
100	HD IN	O	HD signal output from digital signal processor
101	HD CLK	O	HD serial clock signal output from digital signal processor
102	FLASH2/C LINK UART RX(MICLO)	I	Flash signal input
103	FLASH1/C LINK UART TX(MOCLI)	O	Flash signal output
104	C LINK DET	I	DMPORT link detect signal input
105	DA1	I	Not used in this set. (Open)
106	DA0	I	Not used in this set. (Open)
107	DAVS	—	Ground pin
108	DAVC	I	Power supply pin (+3.3 V) for D/A converter
109	AVCC	I	Analog power supply pin (+3.3 V) for A/D converter
110	AVRH	I	Standard power supply pin (+3.3 V) for A/D converter
111	AVSS/AVRL	—	Analog ground pin for A/D converter
112	VSS	—	Ground pin
113	DCAC IN	I	DCAC IN signal input
114	AD KEY1	I	AD key signal input 1
115	AD KEY2	I	AD key signal input 2
116	VERSION	I	Not used in this set. (Connect to GND.)
117	TUNER SD	I	Tuner SD signal input
118	MODEL	I	Model select signal input (Connect to GND in this set.)
119	VACS CTRL	I	VACS control signal input
120	NO USE	I	Not used.

IC5001 TMDS341PFCR (HDMI RECEIVER/TRANSCIVER) (HDMI SW BOARD)

Pin No.	Pin Name	I/O	Pin Description
1	NC	—	Not used. (Open)
2	SDA1	I/O	I2C two-way data bus with HDMI VIDEO 2/BD IN connector
3	SCL1	I	I2C clock signal input from HDMI VIDEO 2/BD IN connector
4	GND	—	Ground pin
5	B11	I	TMDS clock signal (negative) input from HDMI VIDEO 2/BD IN connector
6	A11	I	TMDS clock signal (positive) input from HDMI VIDEO 2/BD IN connector
7	VCC	—	Power supply pin (+3.3 V)
8	B12	I	TMDS data (negative) input from HDMI VIDEO 2/BD IN connector
9	A12	I	TMDS data (positive) input from HDMI VIDEO 2/BD IN connector
10	GND	—	Ground pin
11	B13	I	TMDS data (negative) input from HDMI VIDEO 2/BD IN connector
12	A13	I	TMDS data (positive) input from HDMI VIDEO 2/BD IN connector
13	VCC	—	Power supply pin (+3.3 V)
14	B14	I	TMDS data (negative) input from HDMI VIDEO 2/BD IN connector
15	A14	I	TMDS data (positive) input from HDMI VIDEO 2/BD IN connector
16	GND	—	Ground pin
17	VCC	—	Power supply pin (+3.3 V)
18	VSADJ	I	TMDS compliant voltage swing control signal input (Fixed at L in this set.)
19	PRE	I	Output de-emphasis setting pin (L: 0 dB, H: 3 dB) (Fixed at L in this set.)
20	NC	—	Not used. (Open)
21	S1	I	Source selection signal input from SYSTEM CONTROL IC
22	S2	I	Source selection signal input from SYSTEM CONTROL IC (Fixed at H in this set.)
23	S3	I	Source selection signal input from SYSTEM CONTROL IC (Fixed at L in this set.)
24	GND	—	Ground pin
25	Y4	O	TMDS data (positive) output for HDMI OUT connector
26	Z4	O	TMDS data (negative) output for HDMI OUT connector
27	VCC	—	Power supply pin (+3.3 V)
28	Y3	O	TMDS data (positive) output for HDMI OUT connector
29	Z3	O	TMDS data (negative) output for HDMI OUT connector
30	GND	—	Ground pin
31	Y2	O	TMDS data (positive) output for HDMI OUT connector
32	Z2	O	TMDS data (negative) output for HDMI OUT connector
33	VCC	—	Power supply pin (+3.3 V)
34	Y1	O	TMDS data (positive) output for HDMI OUT connector
35	Z1	O	TMDS data (negative) output for HDMI OUT connector
36, 37	GND	—	Ground pin
38	SCL_SINK	O	I2C clock signal output for HDMI OUT connector
39	SDA_SINK	I/O	I2C two-way data bus with HDMI OUT connector
40	HPD_SINK	I	Hot plug detection signal input from HDMI OUT connector
41	NC	—	Not used. (Open)
42	OEB	I	Chip enable signal input from SYSTEM CONTROL IC (L: active)
43	VCC	—	Power supply pin (+3.3 V)
44	HPD3	O	Hot plug detection signal output (Not used in this set.)
45	SDA3	I/O	I2C two-way data bus (Not used in this set.)
46	SCL3	I	I2C clock signal input (Not used in this set.)
47	GND	—	Ground pin
48	B31	I	TMDS clock signal (negative) input (Not used in this set.)
49	A31	I	TMDS clock signal (positive) input (Not used in this set.)
50	VCC	—	Power supply pin (+3.3 V)
51	B32	I	TMDS data (negative) input (Not used in this set.)
52	A32	I	TMDS data (positive) input (Not used in this set.)
53	GND	—	Ground pin

Pin No.	Pin Name	I/O	Pin Description
54	B33	I	TMDS data (negative) input (Not used in this set.)
55	A33	I	TMDS data (positive) input (Not used in this set.)
56	VCC	—	Power supply pin (+3.3 V)
57	B34	I	TMDS data (negative) input (Not used in this set.)
58	A34	I	TMDS data (positive) input (Not used in this set.)
59	GND	—	Ground pin
60	NC	—	Not used. (Open)
61	VCC	—	Power supply pin (+3.3 V)
62	HPD2	O	Hot plug detection signal output for HDMI DVD IN connector
63	SDA2	I/O	I2C two-way data bus with HDMI DVD IN connector
64	SCL2	I	I2C clock signal input from HDMI DVD IN connector
65, 66	GND	—	Ground pin
67	B21	I	TMDS clock signal (negative) input from HDMI DVD IN connector
68	A21	I	TMDS clock signal (positive) input from HDMI DVD IN connector
69	VCC	—	Power supply pin (+3.3 V)
70	B22	I	TMDS data (negative) input from HDMI DVD IN connector
71	A22	I	TMDS data (positive) input from HDMI DVD IN connector
72	GND	—	Ground pin
73	B23	I	TMDS data (negative) input from HDMI DVD IN connector
74	A23	I	TMDS data (positive) input from HDMI DVD IN connector
75	VCC	—	Power supply pin (+3.3 V)
76	B24	I	TMDS data (negative) input from HDMI DVD IN connector
77	A24	I	TMDS data (positive) input from HDMI DVD IN connector
78	GND	—	Ground pin
79	VCC	—	Power supply pin (+3.3 V)
80	HPD1	O	Hot plug detection signal output for HDMI VIDEO 2/BD IN connector

SECTION 6

EXPLODED VIEWS

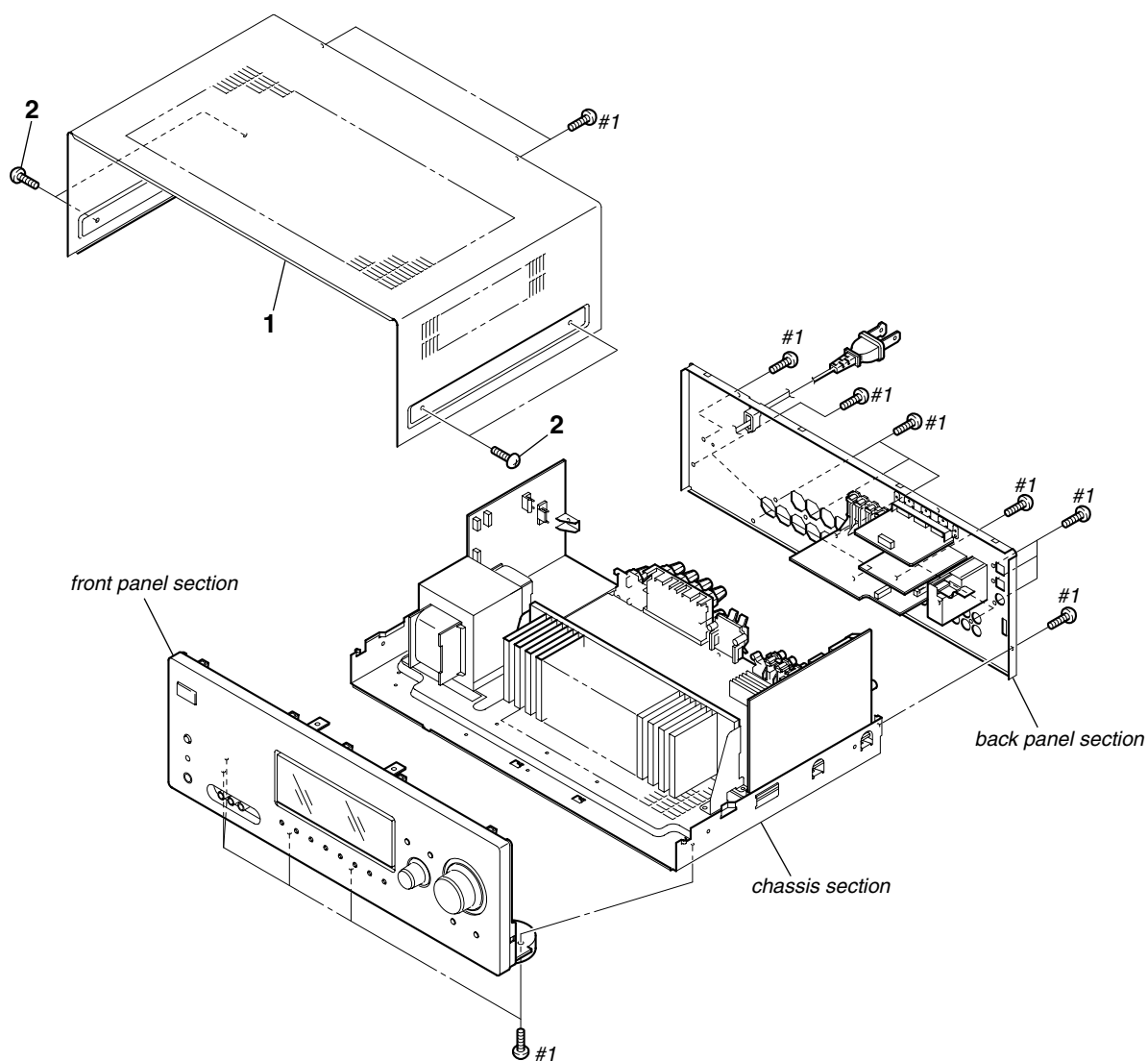
NOTE:

- 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.
- -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
- Accessories are given in the last of this parts list.

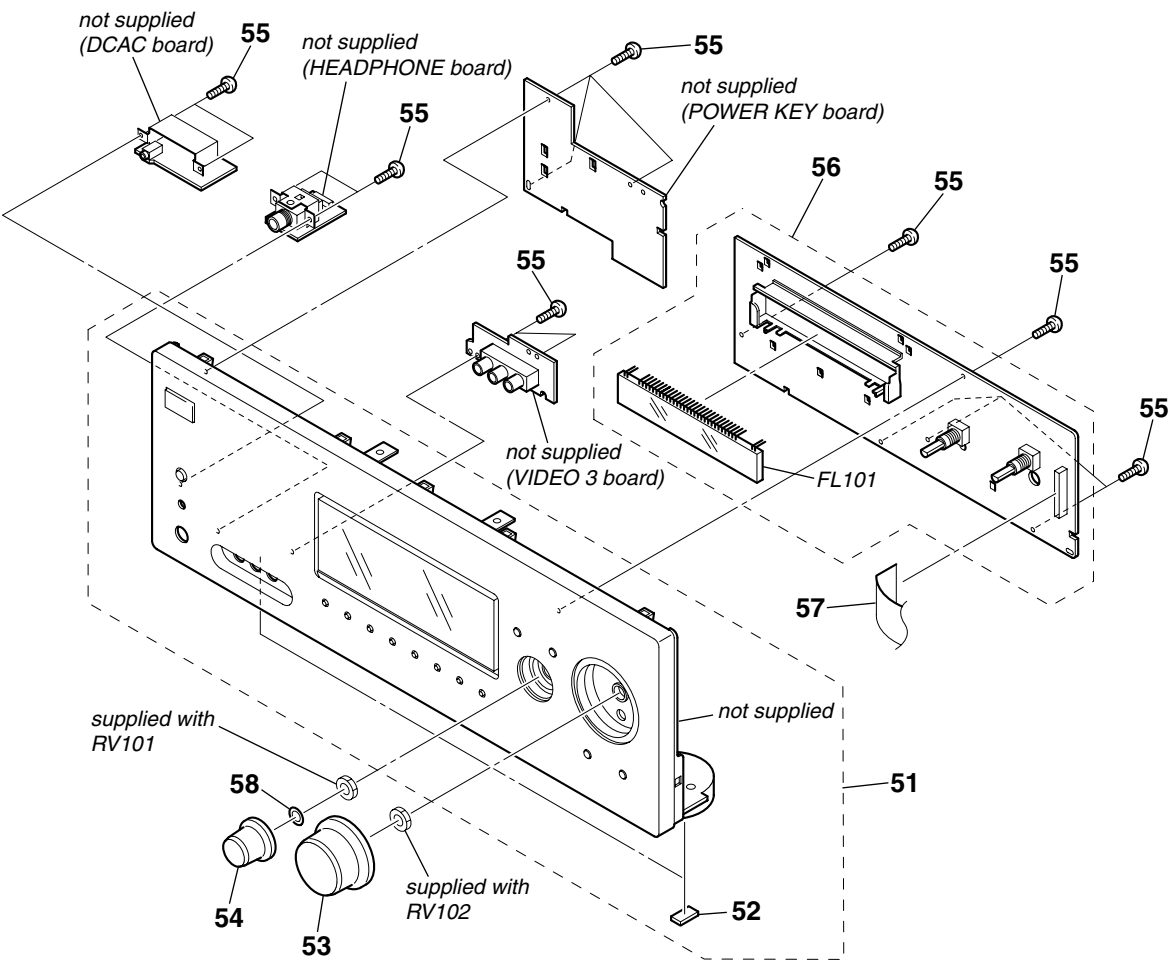
The components identified by mark  or dotted line with mark  are critical for safety.
Replace only with part number specified.

6-1. CASE SECTION



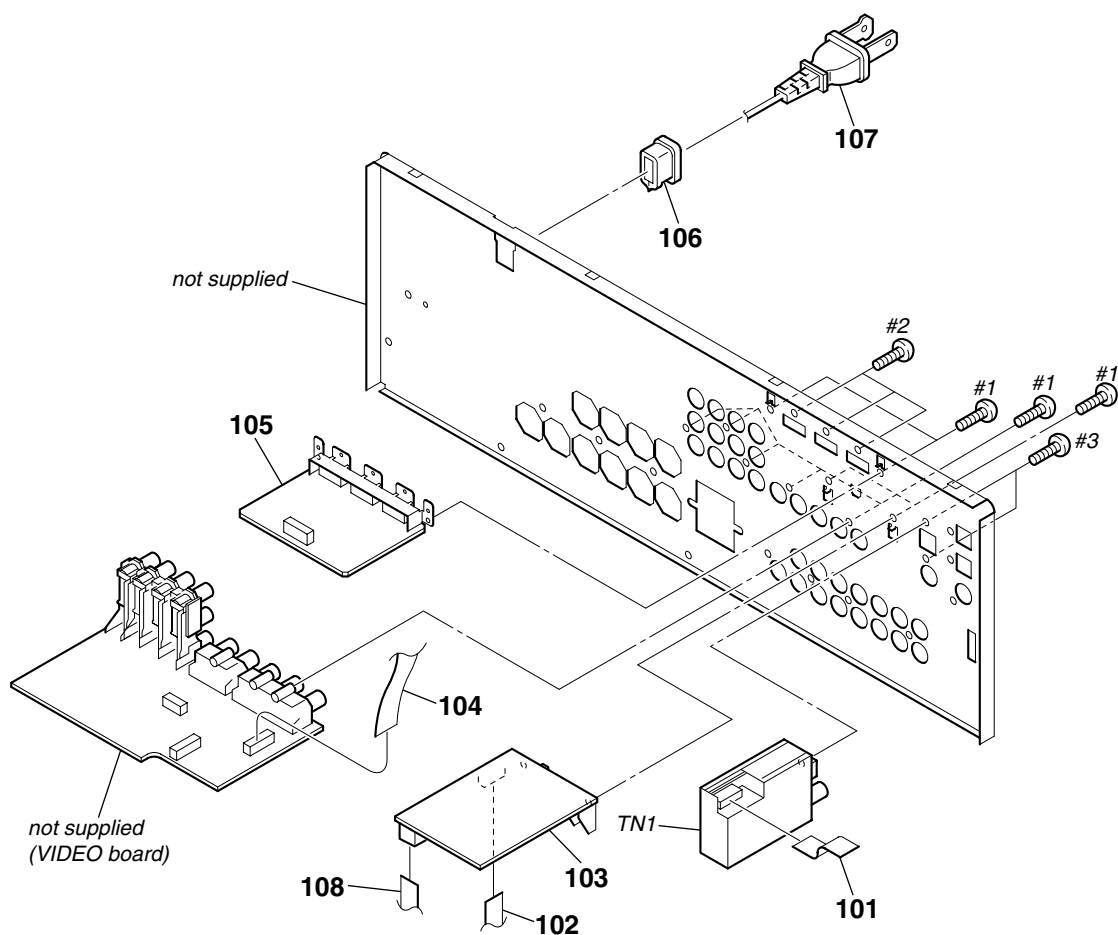
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	2-661-145-11	CASE		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
2	3-363-099-02	SCREW (CASE 3 TP2)					

6-2. FRONT PANEL SECTION



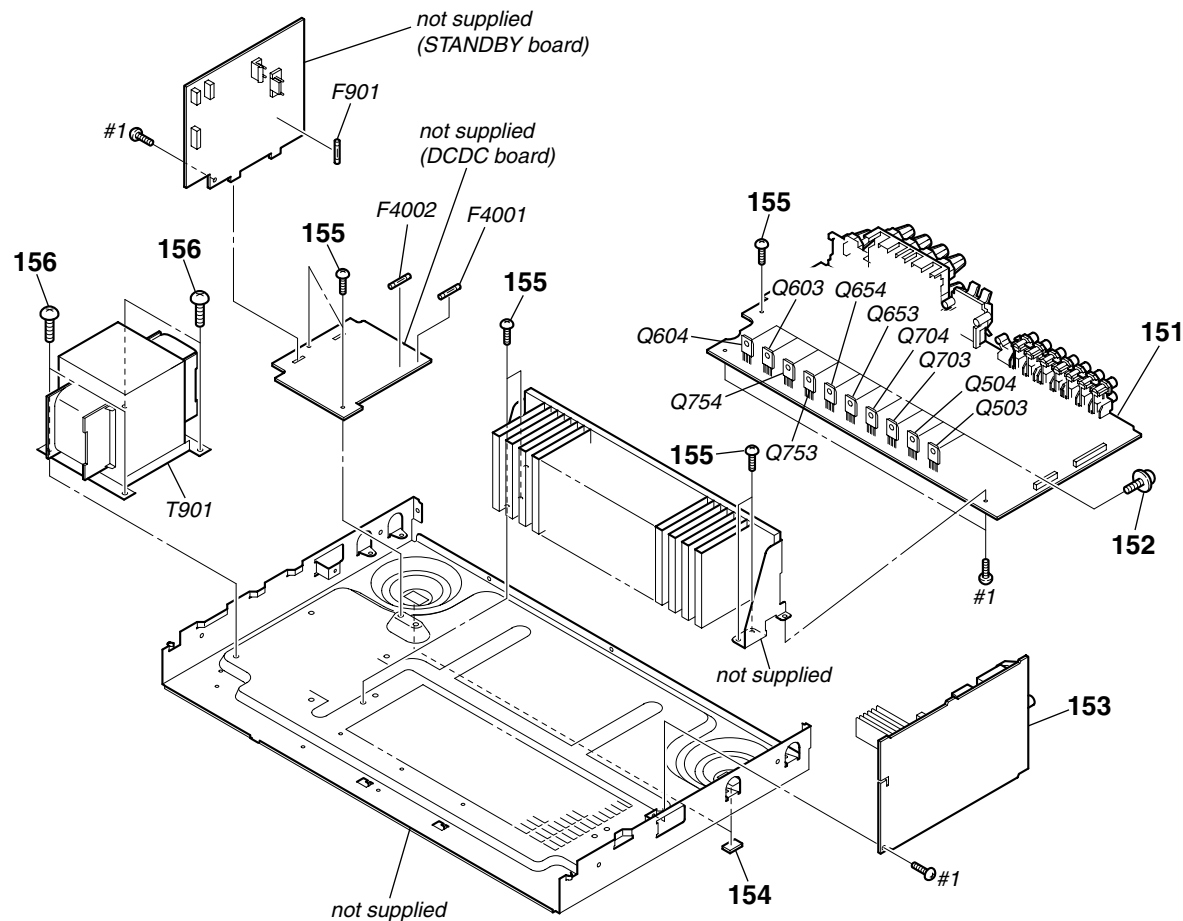
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-2176-078-1	FRONT PANEL ASSY		56	A-1223-144-A	DISPLAY BOARD, COMPLETE	
52	4-977-358-01	CUSHION		57	1-828-994-11	WIRE (FLAT TYPE) (17 CORE)	
53	2-661-142-01	KNOB (VOLUME)		58	3-354-981-11	SPRING (SUS), RING	
54	2-661-141-01	KNOB (MENU)		FL101	1-519-927-11	VACUUM FLUORESCENT DISPLAY	
55	3-087-053-01	+BVTP 2.6 (3CR)					

6-3. BACK PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	1-828-953-11	WIRE (FLAT TYPE) (9 CORE)		△ 107	1-783-820-11	CORD, POWER	
102	1-828-957-11	WIRE (FLAT TYPE) (9 CORE)		108	1-828-935-11	WIRE (FLAT TYPE) (5 CORE)	
103	A-1222-793-A	XM BOARD, COMPLETE		TN1	1-693-728-11	TUNER (FM/AM) (ANTENNA)	
104	1-828-973-11	WIRE (FLAT TYPE) (13 CORE)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
105	A-1158-394-A	HDMI SW BOARD, COMPLETE		#2	7-685-871-01	SCREW +BVTT 3X6 (S)	
* 106	3-703-244-00	BUSHING (2104), CORD		#3	7-685-862-09	SCREW +BVTT 2.6X6 (S)	

6-4. CHASSIS SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	A-1223-130-A	MAIN BOARD, COMPLETE		Q603	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
152	3-905-609-01	SCREW (TRANSISTOR)		Q604	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
153	A-1223-017-A	DIGITAL BOARD, COMPLETE		Q653	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
154	4-977-358-01	CUSHION		Q654	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
155	3-077-331-21	+BV 3 (3-CR)		Q703	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
156	4-249-675-01	+BV SUMITITE S 4X6 ROUND		Q704	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
△ F901	1-533-453-12	FUSE, GLASS TUBE (DIA. 5) (5A/125V)		Q753	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
△ F4001	1-532-465-33	FUSE (T3.15AL/250V)		Q754	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
△ F4002	1-532-465-33	FUSE (T3.15AL/250V)		△ T901	1-443-524-11	TRANSFORMER, POWER (MAIN)	
Q503	6-702-390-01	TRANSISTOR MN2488-OPY-MK		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
Q504	6-702-391-01	TRANSISTOR MP1620-OPY-MK					

STR-K7100

DIGITAL

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C1100	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1423	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1102	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1428	1-126-964-11	ELECT	10uF	20%	50V
C1103	1-126-947-11	ELECT	47uF	20%	35V	C1432	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1118	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1433	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1119	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1438	1-126-964-11	ELECT	10uF	20%	50V
C1121	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1441	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1122	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1442	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1123	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1448	1-126-964-11	ELECT	10uF	20%	50V
C1124	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1450	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1129	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1454	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1131	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1455	1-126-964-11	ELECT	10uF	20%	50V
C1132	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1457	1-126-964-11	ELECT	10uF	20%	50V
C1139	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1458	1-126-964-11	ELECT	10uF	20%	50V
C1140	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1460	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1141	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1461	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1142	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1462	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1144	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1463	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1145	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1468	1-126-964-11	ELECT	10uF	20%	50V
C1146	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1471	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1149	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1472	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1171	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1473	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1172	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1474	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1254	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1475	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1255	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1481	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1301	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1483	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1302	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1487	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1303	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1491	1-126-964-11	ELECT	10uF	20%	50V
C1304	1-107-726-11	CERAMIC CHIP	0.01uF	10%	16V	C1494	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1305	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1495	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1306	1-126-947-11	ELECT	47uF	20%	35V	C1501	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1308	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1502	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1309	1-162-918-11	CERAMIC CHIP	18PF	5%	50V	C1503	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1310	1-162-918-11	CERAMIC CHIP	18PF	5%	50V	C1504	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1312	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1505	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1313	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C1506	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1314	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1507	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1315	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1508	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1316	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1509	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1351	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1510	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1354	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1511	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1355	1-104-662-11	ELECT	22uF	20%	25V	C1513	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1358	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1514	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1359	1-126-916-11	ELECT	1000uF	20%	6.3V	C1515	1-126-925-11	ELECT	470uF	20%	10V
C1361	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1516	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1362	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1517	1-126-925-11	ELECT	470uF	20%	10V
C1401	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1518	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1402	1-126-947-11	ELECT	47uF	20%	35V	C1519	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1403	1-126-964-11	ELECT	10uF	20%	50V	C1520	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1404	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1521	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1405	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1522	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1406	1-126-964-11	ELECT	10uF	20%	50V	C1525	1-126-925-11	ELECT	470uF	20%	10V
C1407	1-126-964-11	ELECT	10uF	20%	50V	C1547	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1408	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1566	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1409	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1567	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1414	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1568	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1415	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1569	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1418	1-126-964-11	ELECT	10uF	20%	50V	C1604	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1422	1-162-963-11	CERAMIC CHIP	680PF	10%	50V	C1605	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C1620	1-100-566-11	CERAMIC CHIP	0.1uF 10% 25V	FB1310	1-400-862-11	BEAD, FERRITE	
C1661	1-100-566-11	CERAMIC CHIP	0.1uF 10% 25V	FB1350	1-400-862-11	BEAD, FERRITE	
C1667	1-100-566-11	CERAMIC CHIP	0.1uF 10% 25V	FB1405	1-400-862-11	BEAD, FERRITE	
C1702	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	FB1452	1-400-862-11	BEAD, FERRITE	
C1703	1-100-566-11	CERAMIC CHIP	0.1uF 10% 25V	FB1453	1-400-862-11	BEAD, FERRITE	
C1704	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	FB1501	1-400-862-11	BEAD, FERRITE	
C1705	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	FB1502	1-400-862-11	BEAD, FERRITE	
C1706	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	FB1503	1-400-862-11	BEAD, FERRITE	
C1707	1-126-960-11	ELECT	1uF 20% 50V	FB1504	1-469-670-21	FERRITE, EMI (SMD) (2012)	
C1905	1-100-566-11	CERAMIC CHIP	0.1uF 10% 25V	FB1505	1-400-862-11	BEAD, FERRITE	
C1906	1-126-925-11	ELECT	470uF 20% 10V	< IC >			
C1908	1-126-925-11	ELECT	470uF 20% 10V	IC1001	8-759-231-53	IC TA7805S	
C1910	1-165-722-11	ELECT	100uF 20% 10V	IC1031	6-705-469-01	IC BA50BC0FP-E2	
C1911	1-100-566-11	CERAMIC CHIP	0.1uF 10% 25V	IC1111	6-702-913-01	IC S-80929CNMC-G8ZT2G	
C1913	1-137-980-11	CERAMIC CHIP	0.47uF 10% 50V	IC1131	6-705-866-01	IC BR24L16FJ-WE2	
C1914	1-126-947-11	ELECT	47uF 20% 35V	IC1301	8-759-825-15	IC LC89056W-E	
C1919	1-126-965-11	ELECT	22uF 20% 50V	IC1303	8-759-096-87	IC TC7WU04FU (TE12R)	
C1920	1-100-566-11	CERAMIC CHIP	0.1uF 10% 25V	IC1351	6-600-466-01	IC TORX147L(SONY) (DIGITAL VIDEO 2/BD IN (OPTICAL))	
C1921	1-100-566-11	CERAMIC CHIP	0.1uF 10% 25V	IC1354	6-600-466-01	IC TORX147L(SONY) (DIGITAL SAT IN (OPTICAL))	
C1949	1-100-566-11	CERAMIC CHIP	0.1uF 10% 25V	IC1401	6-707-608-01	IC PCM1803DBR	
C1950	1-162-960-11	CERAMIC CHIP	220PF 10% 50V	IC1403	8-759-710-97	IC NJM4565M-D	
C1960	1-162-960-11	CERAMIC CHIP	220PF 10% 50V	IC1404	8-759-710-97	IC NJM4565M-D	
C1961	1-162-960-11	CERAMIC CHIP	220PF 10% 50V	IC1405	8-759-710-97	IC NJM4565M-D	
C2281	1-126-925-11	ELECT	470uF 20% 10V	IC1452	6-708-784-01	IC PCM1602APT	
< CONNECTOR >				IC1501	6-705-900-01	IC CXD9718BQ	
CNP503	1-691-770-11	PLUG (MICRO CONNECTOR) 8P		IC1502	6-709-278-01	IC IS61WV6416BLL-12TLI	
* CNP505	1-564-510-11	PLUG, CONNECTOR 7P		IC1503	8-759-546-74	IC TC7WH157FU(TE12R)	
* CNP512	1-564-506-11	PLUG, CONNECTOR 3P		IC1700	8-759-058-62	IC TC7S08FU(TE85R)	
CNS501	1-573-829-11	CONNECTOR, BOARD TO BOARD 15P		IC1710	8-759-277-63	IC TC7W14FU(TE12R)	
CNS502	1-573-825-11	CONNECTOR, BOARD TO BOARD 11P		IC1901	6-701-887-02	IC SI-3004KWf	
CNS503	1-568-828-11	CONNECTOR, FFC 9P		IC1902	8-759-231-56	IC TA7809S	
CNS504	1-784-731-11	CONNECTOR, FFC 9P		IC1904	6-705-468-01	IC BA33BC0FP-E2	
CNS507	1-568-828-11	CONNECTOR, FFC 9P		IC1906	6-707-745-10	IC SI-3050KM-TL	
CNS510	1-784-774-11	CONNECTOR, FFC 13P		IC1907	6-807-248-01	IC MB91353APMT-G-112E1	
CNS511	1-784-778-11	CONNECTOR, FFC 17P		< JACK >			
< DIODE >				J1301	1-793-446-21	JACK, PIN 1P (DIGITAL DVD IN (COAXIAL))	
D1001	8-719-053-18	DIODE 1SR154-400TE-25		< CONNECTOR >			
D1003	8-719-049-09	DIODE 1SS367-T3SONY		J1311	1-817-615-21	CONNECTOR, BOARD TO BOARD 18P (DMPORT)	
D1004	8-719-049-09	DIODE 1SS367-T3SONY		< JUMPER RESISTOR >			
D1107	8-719-404-50	DIODE MA111-TX		JR1005	1-216-864-11	SHORT CHIP 0	
D1108	8-719-404-50	DIODE MA111-TX		JR1008	1-216-864-11	SHORT CHIP 0	
D1109	8-719-404-50	DIODE MA111-TX		JR1020	1-216-864-11	SHORT CHIP 0	
D1110	8-719-404-50	DIODE MA111-TX		JR1511	1-400-862-11	BEAD, FERRITE	
D1111	8-719-404-50	DIODE MA111-TX		< COIL >			
D1301	8-719-404-50	DIODE MA111-TX		L1403	1-400-862-11	BEAD, FERRITE	
D1302	8-719-404-50	DIODE MA111-TX		< RESISTOR >			
D1501	8-719-049-09	DIODE 1SS367-T3SONY		R1010	1-216-809-11	METAL CHIP 100 5% 1/10W	
D1502	8-719-049-09	DIODE 1SS367-T3SONY		R1011	1-216-809-11	METAL CHIP 100 5% 1/10W	
D1503	8-719-049-09	DIODE 1SS367-T3SONY		R1012	1-216-809-11	METAL CHIP 100 5% 1/10W	
D1504	8-719-049-09	DIODE 1SS367-T3SONY		R1013	1-216-809-11	METAL CHIP 100 5% 1/10W	
< FERRITE BEAD >							
FB1101	1-400-862-11	BEAD, FERRITE					
FB1302	1-400-862-11	BEAD, FERRITE					
FB1305	1-400-862-11	BEAD, FERRITE					
FB1308	1-400-862-11	BEAD, FERRITE					
FB1309	1-400-862-11	BEAD, FERRITE					

STR-K7100

DIGITAL

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
R1014	1-216-809-11	METAL CHIP	100	5%	1/10W		R1160	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1015	1-216-809-11	METAL CHIP	100	5%	1/10W		R1161	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1035	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R1163	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R1039	1-216-833-11	METAL CHIP	10K	5%	1/10W		R1164	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R1041	1-216-809-11	METAL CHIP	100	5%	1/10W		R1175	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1042	1-216-809-11	METAL CHIP	100	5%	1/10W		R1179	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1044	1-216-809-11	METAL CHIP	100	5%	1/10W		R1180	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1050	1-216-809-11	METAL CHIP	100	5%	1/10W		R1181	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1061	1-216-809-11	METAL CHIP	100	5%	1/10W		R1182	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1062	1-216-809-11	METAL CHIP	100	5%	1/10W		R1183	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1065	1-216-809-11	METAL CHIP	100	5%	1/10W		R1184	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1066	1-216-809-11	METAL CHIP	100	5%	1/10W		R1185	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1067	1-216-809-11	METAL CHIP	100	5%	1/10W		R1186	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1068	1-216-809-11	METAL CHIP	100	5%	1/10W		R1187	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1072	1-216-827-11	METAL CHIP	3.3K	5%	1/10W		R1188	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1073	1-216-827-11	METAL CHIP	3.3K	5%	1/10W		R1191	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1076	1-216-809-11	METAL CHIP	100	5%	1/10W		R1192	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1077	1-216-809-11	METAL CHIP	100	5%	1/10W		R1194	1-216-864-11	SHORT CHIP	0			
R1078	1-216-809-11	METAL CHIP	100	5%	1/10W		R1201	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R1083	1-216-833-11	METAL CHIP	10K	5%	1/10W		R1253	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1084	1-216-809-11	METAL CHIP	100	5%	1/10W		R1260	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1085	1-216-809-11	METAL CHIP	100	5%	1/10W		R1261	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1087	1-216-809-11	METAL CHIP	100	5%	1/10W		R1301	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	
R1088	1-216-833-11	METAL CHIP	10K	5%	1/10W		R1302	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R1089	1-216-809-11	METAL CHIP	100	5%	1/10W		R1303	1-216-839-11	METAL CHIP	33K	5%	1/10W	
R1093	1-216-833-11	METAL CHIP	10K	5%	1/10W		R1304	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1096	1-216-833-11	METAL CHIP	10K	5%	1/10W		R1305	1-216-819-11	METAL CHIP	680	5%	1/10W	
R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W		R1306	1-216-801-11	METAL CHIP	22	5%	1/10W	
R1106	1-216-809-11	METAL CHIP	100	5%	1/10W		R1307	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1107	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R1308	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1108	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R1309	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1110	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R1310	1-216-857-11	METAL CHIP	1M	5%	1/10W	
R1111	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R1311	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1112	1-216-809-11	METAL CHIP	100	5%	1/10W		R1312	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1114	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R1313	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1117	1-216-821-11	METAL CHIP	1K	5%	1/10W		R1314	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1118	1-216-821-11	METAL CHIP	1K	5%	1/10W		R1318	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1120	1-216-809-11	METAL CHIP	100	5%	1/10W		R1319	1-216-864-11	SHORT CHIP	0			
R1121	1-216-809-11	METAL CHIP	100	5%	1/10W		R1321	1-216-864-11	SHORT CHIP	0			
R1122	1-216-809-11	METAL CHIP	100	5%	1/10W		R1323	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1123	1-216-809-11	METAL CHIP	100	5%	1/10W		R1325	1-216-864-11	SHORT CHIP	0			
R1124	1-216-809-11	METAL CHIP	100	5%	1/10W		R1327	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1125	1-216-809-11	METAL CHIP	100	5%	1/10W		R1334	1-216-864-11	SHORT CHIP	0			
R1126	1-216-809-11	METAL CHIP	100	5%	1/10W		R1351	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1129	1-216-809-11	METAL CHIP	100	5%	1/10W		R1352	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1134	1-216-809-11	METAL CHIP	100	5%	1/10W		R1353	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1135	1-216-809-11	METAL CHIP	100	5%	1/10W		R1354	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1140	1-216-809-11	METAL CHIP	100	5%	1/10W		R1355	1-218-285-11	METAL CHIP	75	5%	1/10W	
R1143	1-216-809-11	METAL CHIP	100	5%	1/10W		R1356	1-216-817-11	METAL CHIP	470	5%	1/10W	
R1144	1-216-809-11	METAL CHIP	100	5%	1/10W		R1357	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R1150	1-216-809-11	METAL CHIP	100	5%	1/10W		R1359	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1151	1-216-809-11	METAL CHIP	100	5%	1/10W		R1360	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1152	1-216-809-11	METAL CHIP	100	5%	1/10W		R1401	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1153	1-216-809-11	METAL CHIP	100	5%	1/10W		R1407	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1154	1-216-809-11	METAL CHIP	100	5%	1/10W		R1409	1-216-864-11	SHORT CHIP	0			
R1156	1-216-864-11	SHORT CHIP	0				R1410	1-216-817-11	METAL CHIP	470	5%	1/10W	
R1157	1-216-864-11	SHORT CHIP	0				R1411	1-216-817-11	METAL CHIP	470	5%	1/10W	
R1159	1-216-827-11	METAL CHIP	3.3K	5%	1/10W		R1424	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	

DIGITAL

DISPLAY

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R1425	1-216-864-11	SHORT CHIP	0			R1708	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1426	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1709	1-216-809-11	METAL CHIP	100	5%	1/10W
R1434	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R1710	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1435	1-216-864-11	SHORT CHIP	0			R1711	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1436	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1712	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1444	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R1716	1-216-809-11	METAL CHIP	100	5%	1/10W
R1445	1-216-864-11	SHORT CHIP	0			R1801	1-216-809-11	METAL CHIP	100	5%	1/10W
R1446	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1802	1-216-809-11	METAL CHIP	100	5%	1/10W
R1463	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R1804	1-216-809-11	METAL CHIP	100	5%	1/10W
R1464	1-216-864-11	SHORT CHIP	0			R1805	1-216-809-11	METAL CHIP	100	5%	1/10W
R1466	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1806	1-216-809-11	METAL CHIP	100	5%	1/10W
R1469	1-216-809-11	METAL CHIP	100	5%	1/10W	R1807	1-216-809-11	METAL CHIP	100	5%	1/10W
R1470	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	R1941	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1473	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	R1945	1-216-864-11	SHORT CHIP	0		
R1474	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1949	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1476	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1954	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1483	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R1960	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1484	1-216-864-11	SHORT CHIP	0			R1961	1-216-801-11	METAL CHIP	22	5%	1/10W
R1486	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1962	1-216-809-11	METAL CHIP	100	5%	1/10W
R1491	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R1964	1-216-864-11	SHORT CHIP	0		
R1492	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	< NETWORK RESISTOR >					
R1493	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	RB1500	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1494	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	RB1501	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1495	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	RB1502	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1501	1-216-809-11	METAL CHIP	100	5%	1/10W	RB1503	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1502	1-216-809-11	METAL CHIP	100	5%	1/10W	RB1504	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1503	1-216-813-11	METAL CHIP	220	5%	1/10W	RB1506	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1504	1-216-809-11	METAL CHIP	100	5%	1/10W	RB1507	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1505	1-216-809-11	METAL CHIP	100	5%	1/10W	RB1508	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1506	1-216-809-11	METAL CHIP	100	5%	1/10W	< VIBRATOR >					
R1507	1-216-809-11	METAL CHIP	100	5%	1/10W	X1101	1-781-893-21	VIBRATOR, CERAMIC (CHIP TYPE) (12.5MHz)			
R1508	1-216-809-11	METAL CHIP	100	5%	1/10W	X1301	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)			
R1510	1-216-809-11	METAL CHIP	100	5%	1/10W	X1502	1-813-276-21	QUARTZ, CRYSTAL (13.9MHz)			
R1511	1-216-833-11	METAL CHIP	10K	5%	1/10W	*****					
R1512	1-216-857-11	METAL CHIP	1M	5%	1/10W	A-1223-144-A DISPLAY BOARD, COMPLETE					
R1513	1-216-833-11	METAL CHIP	10K	5%	1/10W	*****					
R1514	1-216-809-11	METAL CHIP	100	5%	1/10W	< CAPACITOR >					
R1516	1-216-833-11	METAL CHIP	10K	5%	1/10W	C110	1-162-286-31	CERAMIC	220PF	10%	50V
R1523	1-216-813-11	METAL CHIP	220	5%	1/10W	C111	1-162-286-31	CERAMIC	220PF	10%	50V
R1530	1-216-845-11	METAL CHIP	100K	5%	1/10W	C112	1-162-286-31	CERAMIC	220PF	10%	50V
R1531	1-216-809-11	METAL CHIP	100	5%	1/10W	C114	1-127-888-11	CERAMIC	0.1uF	10%	50V
R1541	1-216-813-11	METAL CHIP	220	5%	1/10W	C115	1-126-964-11	ELECT	10uF	20%	50V
R1555	1-216-813-11	METAL CHIP	220	5%	1/10W	C144	1-127-888-11	CERAMIC	0.1uF	10%	50V
R1556	1-216-809-11	METAL CHIP	100	5%	1/10W	C145	1-127-888-11	CERAMIC	0.1uF	10%	50V
R1557	1-216-813-11	METAL CHIP	220	5%	1/10W	C147	1-162-286-31	CERAMIC	220PF	10%	50V
R1570	1-216-833-11	METAL CHIP	10K	5%	1/10W	C148	1-126-964-11	ELECT	10uF	20%	50V
R1571	1-216-833-11	METAL CHIP	10K	5%	1/10W	C149	1-162-286-31	CERAMIC	220PF	10%	50V
R1572	1-216-833-11	METAL CHIP	10K	5%	1/10W	C160	1-127-888-11	CERAMIC	0.1uF	10%	50V
R1573	1-216-833-11	METAL CHIP	10K	5%	1/10W	C162	1-127-888-11	CERAMIC	0.1uF	10%	50V
R1574	1-216-833-11	METAL CHIP	10K	5%	1/10W	C164	1-162-286-31	CERAMIC	220PF	10%	50V
R1635	1-216-833-11	METAL CHIP	10K	5%	1/10W	C165	1-126-964-11	ELECT	10uF	20%	50V
R1636	1-216-833-11	METAL CHIP	10K	5%	1/10W	< CONNECTOR >					
R1637	1-216-864-11	SHORT CHIP	0			* CN104	1-691-746-11	CONNECTOR, BOARD TO BOARD 5P			
R1641	1-216-833-11	METAL CHIP	10K	5%	1/10W	CNP106	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P			
R1642	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R1643	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R1644	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R1645	1-216-833-11	METAL CHIP	10K	5%	1/10W						

STR-K7100

DISPLAY	HDMI SW
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Ref. No.	Part No.	Description	Remark
CNS100	1-784-778-11	CONNECTOR, FFC 17P	
		< DIODE >	
D105	6-501-539-01	LED SELK5E20C-DTP15 (MULTI CHANNEL DECODING)	
		< VACUUM FLUORESCENT DISPLAY >	
FL101	1-519-927-11	VACUUM FLUORESCENT DISPLAY	
		< IC >	
IC100	8-759-643-83	IC uPD16315GB-3BS	
IC101	8-759-243-51	IC TC74ACT08P	
IC103	6-600-349-31	IC NJL24H400A (IR)	
		< TRANSISTOR >	
Q110	8-729-119-78	TRANSISTOR 2SC2785-HFE	
		< RESISTOR >	
R101	1-249-409-11	CARBON 220 5% 1/4W	
R102	1-249-411-11	CARBON 330 5% 1/4W	
R103	1-249-413-11	CARBON 470 5% 1/4W	
R104	1-249-415-11	CARBON 680 5% 1/4W	
R105	1-247-831-11	CARBON 1K 5% 1/4W	
R106	1-249-419-11	CARBON 1.5K 5% 1/4W	
R107	1-249-421-11	CARBON 2.2K 5% 1/4W	
R108	1-249-409-11	CARBON 220 5% 1/4W	
R109	1-249-411-11	CARBON 330 5% 1/4W	
R110	1-249-413-11	CARBON 470 5% 1/4W	
R115	1-247-807-31	CARBON 100 5% 1/4W	
R116	1-247-807-31	CARBON 100 5% 1/4W	
R117	1-247-807-31	CARBON 100 5% 1/4W	
R118	1-249-440-11	CARBON 82K 5% 1/4W	
R119	1-247-807-31	CARBON 100 5% 1/4W	
R120	1-249-393-11	CARBON 10 5% 1/4W	F
R122	1-247-804-11	CARBON 75 5% 1/4W	
R131	1-249-421-11	CARBON 2.2K 5% 1/4W	
R197	1-249-386-81	CARBON 2.7 5% 1/4W	F
R198	1-249-386-81	CARBON 2.7 5% 1/4W	F
		< ROTARY ENCODER >	
RV101	1-418-817-11	ENCODER, ROTARY (INPUT SELECTOR)	
RV102	1-418-725-41	ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)	
		< SWITCH >	
S101	1-771-410-21	SWITCH, TACTILE (MUTING)	
S102	1-771-410-21	SWITCH, TACTILE (AUTO CAL)	
S103	1-771-410-21	SWITCH, TACTILE (INPUT MODE)	
S104	1-771-410-21	SWITCH, TACTILE (DISPLAY)	
S105	1-771-410-21	SWITCH, TACTILE (MUSIC)	
S106	1-771-410-21	SWITCH, TACTILE (MOVIE)	
S107	1-771-410-21	SWITCH, TACTILE (A.F.D.)	
S108	1-771-410-21	SWITCH, TACTILE (2CH)	
S109	1-771-410-21	SWITCH, TACTILE (TUNING +)	
S110	1-771-410-21	SWITCH, TACTILE (TUNING -)	
S111	1-771-410-21	SWITCH, TACTILE (TUNING MODE)	

Ref. No.	Part No.	Description	Remark
S112	1-771-410-21	SWITCH, TACTILE (MEMORY/ENTER)	

A-1158-394-A		HDMI SW BOARD, COMPLETE	

		< CAPACITOR >	
C5001	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C5002	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5003	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5004	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5005	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5006	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5007	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5008	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5009	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5010	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5011	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5012	1-112-788-11	ELECT CHIP 330uF 20% 6.3V	
C5013	1-128-934-11	CERAMIC CHIP 0.33uF 20% 10V	
C5014	1-112-788-11	ELECT CHIP 330uF 20% 6.3V	
C5015	1-128-994-21	ELECT CHIP 47uF 20% 10V	
C5016	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5017	1-115-467-11	CERAMIC CHIP 0.22uF 10% 10V	
C5018	1-115-467-11	CERAMIC CHIP 0.22uF 10% 10V	
C5019	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C5020	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C5021	1-117-681-11	ELECT CHIP 100uF 20% 16V	
C5022	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5023	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5024	1-128-934-11	CERAMIC CHIP 0.33uF 20% 10V	
C5027	1-128-994-21	ELECT CHIP 47uF 20% 10V	
		< CONNECTOR >	
CN5001	1-820-735-11	CONNECTOR, HDMI 19P (HDMI DVD IN)	
CN5002	1-820-735-11	CONNECTOR, HDMI 19P (HDMI VIDEO 2/BD IN)	
CN5003	1-820-735-11	CONNECTOR, HDMI 19P (HDMI OUT)	
* CN5004	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P	
		< IC >	
IC5001	6-709-221-01	IC TMDS341PFCR	
IC5002	6-705-337-01	IC TK11150CSCL-G	
IC5003	6-705-468-01	IC BA33BC0FP-E2	
IC5004	6-704-099-01	IC TC7WZ08FK(Te85R)	
IC5005	6-707-207-01	IC SN74LVC1G3157DCKR	
IC5006	6-706-740-01	IC BA00BC0WFP-E2	
		< FERRITE BEAD >	
L5013	1-400-862-11	BEAD, FERRITE	
		< RESISTOR >	
R5001	1-218-861-11	METAL CHIP 3.9K 0.5% 1/10W	
R5002	1-218-844-11	METAL CHIP 750 0.5% 1/10W	
R5003	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R5004	1-216-864-11	SHORT CHIP 0	
R5005	1-216-864-11	SHORT CHIP 0	
R5006	1-216-864-11	SHORT CHIP 0	
R5007	1-216-864-11	SHORT CHIP 0	

HDMI SW

HEADPHONE

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R5008	1-216-864-11	SHORT CHIP	0			A-1223-130-A	MAIN BOARD, COMPLETE *****				
R5009	1-216-864-11	SHORT CHIP	0								
R5010	1-216-864-11	SHORT CHIP	0								
R5011	1-216-864-11	SHORT CHIP	0								
R5014	1-216-864-11	SHORT CHIP	0								
						7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3				
							< CAPACITOR >				
R5015	1-216-821-11	METAL CHIP	1K	5%	1/10W	C400	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
R5016	1-216-864-11	SHORT CHIP	0			C403	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
R5017	1-216-864-11	SHORT CHIP	0			C408	1-126-963-11	ELECT	4.7uF	20%	50V
R5018	1-216-821-11	METAL CHIP	1K	5%	1/10W	C409	1-126-963-11	ELECT	4.7uF	20%	50V
R5019	1-216-864-11	SHORT CHIP	0			C444	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
R5020	1-216-864-11	SHORT CHIP	0								
R5022	1-216-833-11	METAL CHIP	10K	5%	1/10W	C453	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
R5024	1-216-864-11	SHORT CHIP	0			C458	1-126-963-11	ELECT	4.7uF	20%	50V
R5025	1-216-864-11	SHORT CHIP	0			C459	1-126-963-11	ELECT	4.7uF	20%	50V
R5026	1-216-809-11	METAL CHIP	100	5%	1/10W	C463	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
						C464	1-164-156-11	CERAMIC CHIP	0.1uF		25V
R5027	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R5028	1-216-833-11	METAL CHIP	10K	5%	1/10W	C468	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R5029	1-216-841-11	METAL CHIP	47K	5%	1/10W	C469	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R5030	1-216-833-11	METAL CHIP	10K	5%	1/10W	C471	1-126-963-11	ELECT	4.7uF	20%	50V
R5042	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	C481	1-126-964-11	ELECT	10uF	20%	50V
						C484	1-126-964-11	ELECT	10uF	20%	50V
R5043	1-216-829-11	METAL CHIP	4.7K	5%	1/10W						
R5047	1-216-864-11	SHORT CHIP	0			C485	1-126-964-11	ELECT	10uF	20%	50V
R5048	1-216-864-11	SHORT CHIP	0			C488	1-164-156-11	CERAMIC CHIP	0.1uF		25V
R5049	1-216-864-11	SHORT CHIP	0			C492	1-126-964-11	ELECT	10uF	20%	50V
R5050	1-216-821-11	METAL CHIP	1K	5%	1/10W	C493	1-126-964-11	ELECT	10uF	20%	50V
						C495	1-126-964-11	ELECT	10uF	20%	50V
R5051	1-216-823-11	METAL CHIP	1.5K	5%	1/10W						
R5052	1-216-841-11	METAL CHIP	47K	5%	1/10W	C501	1-126-963-11	ELECT	4.7uF	20%	50V
R5053	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	C503	1-165-722-11	ELECT	100uF	20%	10V
R5054	1-216-833-11	METAL CHIP	10K	5%	1/10W	C504	1-107-583-11	CERAMIC	3PF	0.25PF	500V
R5055	1-216-833-11	METAL CHIP	10K	5%	1/10W	C505	1-102-233-00	CERAMIC	33PF	10%	500V
						C506	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R5056	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R5060	1-216-864-11	SHORT CHIP	0			C507	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R5061	1-216-864-11	SHORT CHIP	0			C510	1-126-947-11	ELECT	47uF	20%	35V
R5068	1-216-845-11	METAL CHIP	100K	5%	1/10W	C511	1-136-157-00	FILM	0.022uF	5%	50V
R5069	1-216-845-11	METAL CHIP	100K	5%	1/10W	C516	1-162-815-11	CERAMIC	47PF	5%	500V
						C517	1-162-815-11	CERAMIC	47PF	5%	500V
R5072	1-216-809-11	METAL CHIP	100	5%	1/10W						
R5073	1-216-864-11	SHORT CHIP	0			C519	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
R5074	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	C529	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
*****						C540	1-126-964-11	ELECT	10uF	20%	50V
HEADPHONE BOARD						C541	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
*****						C601	1-126-963-11	ELECT	4.7uF	20%	50V
< CAPACITOR >											
C790	1-127-888-11	CERAMIC	0.1uF	10%	50V	C603	1-165-722-11	ELECT	100uF	20%	10V
C791	1-127-888-11	CERAMIC	0.1uF	10%	50V	C604	1-107-583-11	CERAMIC	3PF	0.25PF	500V
						C605	1-102-233-00	CERAMIC	33PF	10%	500V
						C606	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
						C607	1-162-927-11	CERAMIC CHIP	100PF	5%	50V

STR-K7100

MAIN

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
C657	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		C822	1-126-947-11	ELECT	47uF	20%	35V	
C660	1-126-947-11	ELECT	47uF	20%	35V		C830	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V	
C661	1-136-157-00	FILM	0.022uF	5%	50V		C831	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V	
C666	1-162-815-11	CERAMIC	47PF	5%	500V		C832	1-126-936-11	ELECT	3300uF	20%	16V	
C669	1-162-815-11	CERAMIC	47PF	5%	500V		C842	1-165-732-31	ELECT	47uF	20%	25V	
C670	1-162-960-11	CERAMIC CHIP	220PF	10%	50V		C3022	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C680	1-126-964-11	ELECT	10uF	20%	50V		C3024	1-126-963-11	ELECT	4.7uF	20%	50V	
C681	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		C3025	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C691	1-164-156-11	CERAMIC CHIP	0.1uF		25V		C3026	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C701	1-126-963-11	ELECT	4.7uF	20%	50V		C3027	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C702	1-126-964-11	ELECT	10uF	20%	50V		C3032	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C703	1-165-722-11	ELECT	100uF	20%	10V		C3034	1-126-963-11	ELECT	4.7uF	20%	50V	
C704	1-107-583-11	CERAMIC	3PF	0.25PF	500V		C3037	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C705	1-102-233-00	CERAMIC	33PF	10%	500V				< CONNECTOR >				
C706	1-162-927-11	CERAMIC CHIP	100PF	5%	50V								
C707	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		CN500	1-573-843-11	CONNECTOR, BOARD TO BOARD 11P				
C710	1-126-947-11	ELECT	47uF	20%	35V		CN504	1-784-766-11	CONNECTOR, FFC 5P				
C711	1-136-157-00	FILM	0.022uF	5%	50V		CN506	1-779-978-11	PIN, CONNECTOR 3P				
C716	1-162-815-11	CERAMIC	47PF	5%	500V		CNP501	1-573-847-11	CONNECTOR, BOARD TO BOARD 15P				
C717	1-162-815-11	CERAMIC	47PF	5%	500V	*	CNP503	1-564-506-11	PLUG, CONNECTOR 3P				
C720	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	*	CNP507	1-564-507-11	PLUG, CONNECTOR 4P				
C721	1-126-923-11	ELECT	220uF	20%	10V	*	CNP801	1-564-242-00	PIN, CONNECTOR (3.96mm PITCH) 5P				
C722	1-126-964-11	ELECT	10uF	20%	50V	*	CNP802	1-564-509-11	PLUG, CONNECTOR 6P				
C729	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	*	CNP912	1-564-506-11	PLUG, CONNECTOR 3P				
C732	1-128-582-11	ELECT	10uF	20%	100V				< DIODE >				
C733	1-128-582-11	ELECT	10uF	20%	100V								
C740	1-126-964-11	ELECT	10uF	20%	50V		D505	6-501-193-01	DIODE	1SS355WTE-17			
C741	1-128-579-11	ELECT	2.2uF	20%	100V		D529	6-501-193-01	DIODE	1SS355WTE-17			
C742	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		D540	6-501-193-01	DIODE	1SS355WTE-17			
C743	1-128-579-11	ELECT	2.2uF	20%	100V		D560	6-501-193-01	DIODE	1SS355WTE-17			
							D605	6-501-193-01	DIODE	1SS355WTE-17			
C744	1-128-579-11	ELECT	2.2uF	20%	100V								
C749	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		D610	6-501-193-01	DIODE	1SS355WTE-17			
C750	1-126-964-11	ELECT	10uF	20%	50V		D611	6-501-193-01	DIODE	1SS355WTE-17			
C751	1-126-963-11	ELECT	4.7uF	20%	50V		D640	6-501-193-01	DIODE	1SS355WTE-17			
C752	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		D665	6-501-193-01	DIODE	1SS355WTE-17			
							D680	6-501-193-01	DIODE	1SS355WTE-17			
C753	1-165-722-11	ELECT	100uF	20%	10V								
C754	1-107-583-11	CERAMIC	3PF	0.25PF	500V		D690	8-719-083-71	DIODE	UDZSTE-1730B			
C755	1-102-233-00	CERAMIC	33PF	10%	500V		D691	6-501-193-01	DIODE	1SS355WTE-17			
C756	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		D701	6-501-193-01	DIODE	1SS355WTE-17			
C757	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		D705	6-501-193-01	DIODE	1SS355WTE-17			
							D710	6-501-193-01	DIODE	1SS355WTE-17			
C760	1-126-947-11	ELECT	47uF	20%	35V								
C761	1-136-157-00	FILM	0.022uF	5%	50V		D721	6-501-193-01	DIODE	1SS355WTE-17			
C762	1-126-964-11	ELECT	10uF	20%	50V		D722	6-501-193-01	DIODE	1SS355WTE-17			
C766	1-162-815-11	CERAMIC	47PF	5%	500V		D729	6-501-193-01	DIODE	1SS355WTE-17			
C767	1-162-815-11	CERAMIC	47PF	5%	500V		D732	6-501-193-01	DIODE	1SS355WTE-17			
							D733	6-501-193-01	DIODE	1SS355WTE-17			
C770	1-162-960-11	CERAMIC CHIP	220PF	10%	50V								
C791	1-126-923-11	ELECT	220uF	20%	10V		D740	6-501-193-01	DIODE	1SS355WTE-17			
C801	1-126-947-11	ELECT	47uF	20%	35V		D749	6-501-193-01	DIODE	1SS355WTE-17			
C802	1-126-947-11	ELECT	47uF	20%	35V		D750	6-501-193-01	DIODE	1SS355WTE-17			
C803	1-165-960-11	ELECT(BLOCK)	6800uF	20%	71V		D765	6-501-193-01	DIODE	1SS355WTE-17			
							D791	6-501-193-01	DIODE	1SS355WTE-17			
C804	1-165-960-11	ELECT(BLOCK)	6800uF	20%	71V								
C805	1-135-851-21	MYLAR	0.22uF		100V		D801	8-719-083-85	DIODE	UDZSTE-1722B			
C806	1-135-851-21	MYLAR	0.22uF		100V		D802	6-501-003-21	DIODE	D6SBN20-7003			
C807	1-126-947-11	ELECT	47uF	20%	35V		D804	6-500-295-01	DIODE	PTZ-TE25-5.6B			
C808	1-126-947-11	ELECT	47uF	20%	35V		D805	8-719-053-18	DIODE	1SR154-400TE-25			
							D806	8-719-053-18	DIODE	1SR154-400TE-25			
C809	1-100-623-11	CERAMIC CHIP	0.1uF	10%	100V								
C810	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V		D807	8-719-053-18	DIODE	1SR154-400TE-25			
C811	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V		D808	8-719-053-18	DIODE	1SR154-400TE-25			

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
D818	6-501-193-01	DIODE 1SS355WTE-17		Q750	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D841	6-500-696-01	DIODE UDZSTE-173.0B		Q751	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D896	8-719-053-18	DIODE 1SR154-400TE-25		Q752	8-729-141-30	TRANSISTOR 2SC3623A-LK	
	< IC >			Q755	8-729-216-31	TRANSISTOR 2SA1163-G	
				Q756	8-729-216-31	TRANSISTOR 2SA1163-G	
IC401	6-707-362-01	IC BD3451KS		Q790	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
IC501	6-700-943-01	IC uPC2581V-S		Q793	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
IC601	6-700-943-01	IC uPC2581V-S		Q795	8-729-216-31	TRANSISTOR 2SA1163-G	
IC691	8-759-710-97	IC NJM4565M-D		Q801	8-729-140-97	TRANSISTOR 2SB734-34	
IC701	6-700-943-01	IC uPC2581V-S		Q809	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
					< RESISTOR >		
IC801	8-759-071-48	IC TA7807S		R402	1-216-821-11	METAL CHIP 1K 5% 1/10W	
IC802	8-759-071-47	IC TA79007S		R404	1-216-821-11	METAL CHIP 1K 5% 1/10W	
IC3002	8-759-710-97	IC NJM4565M-D		R405	1-216-821-11	METAL CHIP 1K 5% 1/10W	
	< JACK >			R406	1-216-821-11	METAL CHIP 1K 5% 1/10W	
J309	1-770-377-21	JACK, PIN 1P (SUB WOOFER AUDIO OUT)		R407	1-216-821-11	METAL CHIP 1K 5% 1/10W	
J402	1-770-614-11	JACK, PIN 4P (VIDEO 1 AUDIO OUT/AUDIO IN)		R408	1-216-821-11	METAL CHIP 1K 5% 1/10W	
J403	1-770-614-11	JACK, PIN 4P (SAT AUDIO IN,DVD AUDIO IN)		R409	1-216-821-11	METAL CHIP 1K 5% 1/10W	
J405	1-774-411-11	JACK, PIN 6P (SA-CD/CD/CD-R IN/OUT, TV IN)		R420	1-216-864-11	SHORT CHIP 0	
	< COIL >			R423	1-216-864-11	SHORT CHIP 0	
L501	1-420-872-52	COIL, AIR-CORE		R428	1-216-821-11	METAL CHIP 1K 5% 1/10W	
L601	1-420-872-52	COIL, AIR-CORE		R429	1-216-821-11	METAL CHIP 1K 5% 1/10W	
L651	1-420-872-52	COIL, AIR-CORE		R452	1-216-821-11	METAL CHIP 1K 5% 1/10W	
L701	1-420-872-52	COIL, AIR-CORE		R454	1-216-821-11	METAL CHIP 1K 5% 1/10W	
L751	1-420-872-52	COIL, AIR-CORE		R455	1-216-821-11	METAL CHIP 1K 5% 1/10W	
	< TRANSISTOR >			R456	1-216-821-11	METAL CHIP 1K 5% 1/10W	
Q501	8-729-119-76	TRANSISTOR 2SA1175-HFE		R457	1-216-821-11	METAL CHIP 1K 5% 1/10W	
Q502	8-729-141-30	TRANSISTOR 2SC3623A-LK		R458	1-216-821-11	METAL CHIP 1K 5% 1/10W	
Q505	8-729-216-31	TRANSISTOR 2SA1163-G		R459	1-216-821-11	METAL CHIP 1K 5% 1/10W	
Q506	8-729-216-31	TRANSISTOR 2SA1163-G		R468	1-216-845-11	METAL CHIP 100K 5% 1/10W	
Q540	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R469	1-216-821-11	METAL CHIP 1K 5% 1/10W	
Q560	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R470	1-216-841-11	METAL CHIP 47K 5% 1/10W	
Q601	8-729-119-76	TRANSISTOR 2SA1175-HFE		R471	1-216-841-11	METAL CHIP 47K 5% 1/10W	
Q602	8-729-141-30	TRANSISTOR 2SC3623A-LK		R472	1-216-841-11	METAL CHIP 47K 5% 1/10W	
Q605	8-729-216-31	TRANSISTOR 2SA1163-G		R473	1-216-841-11	METAL CHIP 47K 5% 1/10W	
Q606	8-729-216-31	TRANSISTOR 2SA1163-G		R474	1-216-841-11	METAL CHIP 47K 5% 1/10W	
Q610	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R475	1-216-833-11	METAL CHIP 10K 5% 1/10W	
Q611	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R476	1-216-833-11	METAL CHIP 10K 5% 1/10W	
Q612	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R501	1-216-821-11	METAL CHIP 1K 5% 1/10W	
Q640	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R502	1-216-843-11	METAL CHIP 68K 5% 1/10W	
Q651	8-729-119-76	TRANSISTOR 2SA1175-HFE		R503	1-208-445-41	RES-CHIP 2.2K 2% 1/10W	
Q652	8-729-141-30	TRANSISTOR 2SC3623A-LK		R505	1-208-826-11	METAL CHIP 68K 0.5% 1/10W	
Q655	8-729-216-31	TRANSISTOR 2SA1163-G		R510	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
Q656	8-729-216-31	TRANSISTOR 2SA1163-G		R511	1-216-844-11	METAL CHIP 82K 5% 1/10W	
Q680	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R513	1-216-818-11	METAL CHIP 560 5% 1/10W	
Q691	8-729-281-53	TRANSISTOR 2SC1815-GR		R514	1-249-399-11	CARBON 33 5% 1/4W F	
Q692	8-729-029-40	TRANSISTOR DTA124ESA		R515	1-249-399-11	CARBON 33 5% 1/4W F	
Q701	8-729-119-76	TRANSISTOR 2SA1175-HFE		R516	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W	
Q702	8-729-141-30	TRANSISTOR 2SC3623A-LK		R517	1-249-393-11	CARBON 10 5% 1/4W F	
Q705	8-729-216-31	TRANSISTOR 2SA1163-G		R518	1-249-389-11	CARBON 4.7 5% 1/4W F	
Q706	8-729-216-31	TRANSISTOR 2SA1163-G		R520	1-216-214-00	RES-CHIP 4.7K 2% 1/8W	
Q710	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R521	1-240-855-11	CARBON 6.2K 5% 1/4W F	
Q722	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R522	1-216-823-11	METAL CHIP 1.5K 5% 1/10W	
Q723	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R524	1-216-835-11	METAL CHIP 15K 5% 1/10W	
Q725	8-729-216-31	TRANSISTOR 2SA1163-G		R525	1-216-843-11	METAL CHIP 68K 5% 1/10W	
Q740	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R529	1-216-833-11	METAL CHIP 10K 5% 1/10W	

STR-K7100

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R532	1-216-833-11	METAL CHIP	10K	5%	1/10W	R676	1-216-841-11	METAL CHIP	47K	5%	1/10W
R533	1-216-841-11	METAL CHIP	47K	5%	1/10W	R677	1-216-835-11	METAL CHIP	15K	5%	1/10W
R539	1-216-845-11	METAL CHIP	100K	5%	1/10W	R680	1-216-837-11	METAL CHIP	22K	5%	1/10W
R540	1-216-837-11	METAL CHIP	22K	5%	1/10W	R681	1-216-835-11	METAL CHIP	15K	5%	1/10W
R546	1-216-835-11	METAL CHIP	15K	5%	1/10W	R690	1-216-849-11	METAL CHIP	220K	5%	1/10W
R555	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	△ R691	1-215-886-11	METAL OXIDE	100	5%	2W F
R556	1-216-841-11	METAL CHIP	47K	5%	1/10W	△ R692	1-215-889-00	METAL OXIDE	330	5%	2W F
R557	1-216-835-11	METAL CHIP	15K	5%	1/10W	R693	1-216-833-11	METAL CHIP	10K	5%	1/10W
R573	1-216-841-11	METAL CHIP	47K	5%	1/10W	R694	1-216-833-11	METAL CHIP	10K	5%	1/10W
R585	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R695	1-216-833-11	METAL CHIP	10K	5%	1/10W
R586	1-216-841-11	METAL CHIP	47K	5%	1/10W	R696	1-216-841-11	METAL CHIP	47K	5%	1/10W
R601	1-216-821-11	METAL CHIP	1K	5%	1/10W	R698	1-216-833-11	METAL CHIP	10K	5%	1/10W
R602	1-216-843-11	METAL CHIP	68K	5%	1/10W	R699	1-216-853-11	METAL CHIP	470K	5%	1/10W
R603	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	R701	1-216-821-11	METAL CHIP	1K	5%	1/10W
R604	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	R702	1-216-843-11	METAL CHIP	68K	5%	1/10W
R610	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R703	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R611	1-216-844-11	METAL CHIP	82K	5%	1/10W	R704	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R613	1-216-818-11	METAL CHIP	560	5%	1/10W	R710	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R614	1-249-399-11	CARBON	33	5%	1/4W F	R711	1-216-844-11	METAL CHIP	82K	5%	1/10W
R615	1-249-399-11	CARBON	33	5%	1/4W F	R713	1-216-818-11	METAL CHIP	560	5%	1/10W
R616	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2	5W		R714	1-249-399-11	CARBON	33	5%	1/4W F
R617	1-249-393-11	CARBON	10	5%	1/4W F	R715	1-249-399-11	CARBON	33	5%	1/4W F
R618	1-249-389-11	CARBON	4.7	5%	1/4W F	R716	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2	5W	
R620	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	R717	1-249-393-11	CARBON	10	5%	1/4W F
R621	1-240-855-11	CARBON	6.2K	5%	1/4W F	R718	1-249-389-11	CARBON	4.7	5%	1/4W F
R622	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R719	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R623	1-216-841-11	METAL CHIP	47K	5%	1/10W	R721	1-240-855-11	CARBON	6.2K	5%	1/4W F
R624	1-216-835-11	METAL CHIP	15K	5%	1/10W	R722	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R625	1-216-843-11	METAL CHIP	68K	5%	1/10W	R723	1-216-841-11	METAL CHIP	47K	5%	1/10W
R631	1-216-821-11	METAL CHIP	1K	5%	1/10W	R724	1-216-835-11	METAL CHIP	15K	5%	1/10W
R632	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R725	1-216-843-11	METAL CHIP	68K	5%	1/10W
R633	1-216-821-11	METAL CHIP	1K	5%	1/10W	R729	1-216-833-11	METAL CHIP	10K	5%	1/10W
R634	1-249-404-00	CARBON	82	5%	1/4W F	R731	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R635	1-249-404-00	CARBON	82	5%	1/4W F	R732	1-249-381-11	CARBON	1	5%	1/4W F
R638	1-216-843-11	METAL CHIP	68K	5%	1/10W	R733	1-249-381-11	CARBON	1	5%	1/4W F
R640	1-216-837-11	METAL CHIP	22K	5%	1/10W	R734	1-249-404-00	CARBON	82	5%	1/4W F
R648	1-216-835-11	METAL CHIP	15K	5%	1/10W	R735	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R651	1-216-821-11	METAL CHIP	1K	5%	1/10W	R736	1-216-821-11	METAL CHIP	1K	5%	1/10W
R652	1-216-843-11	METAL CHIP	68K	5%	1/10W	R737	1-216-840-11	METAL CHIP	39K	5%	1/10W
R653	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	R738	1-249-404-00	CARBON	82	5%	1/4W F
R654	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	R739	1-216-845-11	METAL CHIP	100K	5%	1/10W
R655	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R740	1-216-837-11	METAL CHIP	22K	5%	1/10W
R656	1-216-841-11	METAL CHIP	47K	5%	1/10W	R741	1-216-230-00	RES-CHIP	22K	2%	1/8W
R657	1-216-835-11	METAL CHIP	15K	5%	1/10W	R743	1-216-230-00	RES-CHIP	22K	2%	1/8W
R660	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R744	1-216-230-00	RES-CHIP	22K	2%	1/8W
R661	1-216-844-11	METAL CHIP	82K	5%	1/10W	R745	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R663	1-216-818-11	METAL CHIP	560	5%	1/10W	R746	1-216-841-11	METAL CHIP	47K	5%	1/10W
R664	1-249-399-11	CARBON	33	5%	1/4W F	R747	1-216-835-11	METAL CHIP	15K	5%	1/10W
R665	1-249-399-11	CARBON	33	5%	1/4W F	R748	1-216-835-11	METAL CHIP	15K	5%	1/10W
R666	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2	5W		R749	1-216-833-11	METAL CHIP	10K	5%	1/10W
R667	1-249-393-11	CARBON	10	5%	1/4W F	R750	1-216-837-11	METAL CHIP	22K	5%	1/10W
R668	1-249-389-11	CARBON	4.7	5%	1/4W F	R751	1-216-821-11	METAL CHIP	1K	5%	1/10W
R669	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	R752	1-216-843-11	METAL CHIP	68K	5%	1/10W
R671	1-240-855-11	CARBON	6.2K	5%	1/4W F	R753	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R672	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R754	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R673	1-216-841-11	METAL CHIP	47K	5%	1/10W	R755	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R674	1-216-835-11	METAL CHIP	15K	5%	1/10W	R756	1-216-841-11	METAL CHIP	47K	5%	1/10W
R675	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R757	1-216-835-11	METAL CHIP	15K	5%	1/10W

MAIN

POWER KEY

STANDBY

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R758	1-216-835-11	METAL CHIP	15K	5%	1/10W	TM604	1-780-214-11	TERMINAL BOARD (SP) (2P)			
R759	1-216-845-11	METAL CHIP	100K	5%	1/10W			(SPEAKERS CENTER)			
R760	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	*****					
R761	1-216-844-11	METAL CHIP	82K	5%	1/10W						
R763	1-216-818-11	METAL CHIP	560	5%	1/10W			POWER KEY BOARD			

R764	1-249-399-11	CARBON	33	5%	1/4W						
R765	1-249-399-11	CARBON	33	5%	1/4W			< CONNECTOR >			
R766	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2	5W							
R767	1-249-393-11	CARBON	10	5%	1/4W	* CN103	1-691-670-11	CONNECTOR, BOARD TO BOARD 5P			
R768	1-249-389-11	CARBON	4.7	5%	1/4W						
								< RESISTOR >			
R769	1-216-214-00	RES-CHIP	4.7K	2%	1/8W						
R770	1-216-845-11	METAL CHIP	100K	5%	1/10W	R111	1-249-415-11	CARBON	680	5%	1/4W
R771	1-240-855-11	CARBON	6.2K	5%	1/4W						
R772	1-216-823-11	METAL CHIP	1.5K	5%	1/10W			< SWITCH >			
R773	1-216-841-11	METAL CHIP	47K	5%	1/10W						
						S100	1-771-410-21	SWITCH, TACTILE (I/⏻)			
R775	1-216-843-11	METAL CHIP	68K	5%	1/10W	S115	1-771-410-21	SWITCH, TACTILE (SPEAKERS (OFF/A/B/A+B))			
R778	1-216-835-11	METAL CHIP	15K	5%	1/10W	*****					
R780	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R790	1-216-845-11	METAL CHIP	100K	5%	1/10W			STANDBY BOARD			
R791	1-216-825-11	METAL CHIP	2.2K	5%	1/10W			*****			
△ R792	1-215-868-00	METAL OXIDE	680	5%	1W		1-533-217-41	HOLDER, FUSE (FH901,902)			
R793	1-249-404-00	CARBON	82	5%	1/4W						
△ R794	1-215-868-00	METAL OXIDE	680	5%	1W			< CAPACITOR >			
R802	1-249-409-11	CARBON	220	5%	1/4W						
R803	1-249-389-11	CARBON	4.7	5%	1/4W	C913	1-127-888-11	CERAMIC	0.1uF	10%	50V
						C914	1-127-888-11	CERAMIC	0.1uF	10%	50V
R804	1-216-833-11	METAL CHIP	10K	5%	1/10W	C915	1-126-943-11	ELECT	2200uF	20%	25V
R806	1-216-837-11	METAL CHIP	22K	5%	1/10W	C916	1-126-942-61	ELECT	1000uF	20%	25V
R824	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	C920	1-127-888-11	CERAMIC	0.1uF	10%	50V
R830	1-249-404-00	CARBON	82	5%	1/4W						
R840	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	C921	1-127-888-11	CERAMIC	0.1uF	10%	50V
						C922	1-127-888-11	CERAMIC	0.1uF	10%	50V
R843	1-216-864-11	SHORT CHIP	0			C924	1-126-960-11	ELECT	1uF	20%	50V
R844	1-216-837-11	METAL CHIP	22K	5%	1/10W	C950	1-126-936-11	ELECT	3300uF	20%	16V
△ R910	1-240-877-11	FUSIBLE	0.15	5%	1/2W						
R3010	1-216-841-11	METAL CHIP	47K	5%	1/10W			< CONNECTOR >			
R3011	1-218-887-11	METAL CHIP	47K	0.5%	1/10W						
						* CNP802	1-564-509-11	PLUG, CONNECTOR 6P			
R3012	1-218-887-11	METAL CHIP	47K	0.5%	1/10W	* CNP804	1-564-506-11	PLUG, CONNECTOR 3P			
R3013	1-216-841-11	METAL CHIP	47K	5%	1/10W	* CNP805	1-564-506-11	PLUG, CONNECTOR 3P			
R3020	1-216-841-11	METAL CHIP	47K	5%	1/10W	CNP901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
R3021	1-218-887-11	METAL CHIP	47K	0.5%	1/10W	* CNP902	1-565-792-11	PIN, CONNECTOR (3.96mm PITCH) 2P			
R3022	1-218-887-11	METAL CHIP	47K	0.5%	1/10W						
						* CNP903	1-564-508-11	PLUG, CONNECTOR 5P			
R3023	1-216-841-11	METAL CHIP	47K	5%	1/10W			< DIODE >			
		< RELAY >									
						D901	8-719-991-33	DIODE 1SS133T-77			
RY560	1-755-267-11	RELAY				D910	6-500-522-11	DIODE 10EDB40-TA2B5			
RY601	1-755-170-11	RELAY (12V)				D911	6-500-522-11	DIODE 10EDB40-TA2B5			
RY610	1-755-170-11	RELAY (12V)				D912	6-500-522-11	DIODE 10EDB40-TA2B5			
RY701	1-755-170-11	RELAY (12V)				D913	6-500-522-11	DIODE 10EDB40-TA2B5			
RY710	1-755-170-11	RELAY (12V)									
						D914	8-719-991-33	DIODE 1SS133T-77			
RY791	1-755-170-11	RELAY (12V)				D915	8-719-991-33	DIODE 1SS133T-77			
RY801	1-755-593-11	RELAY				D920	6-500-522-11	DIODE 10EDB40-TA2B5			
		< TERMINAL BOARD >				D921	6-500-522-11	DIODE 10EDB40-TA2B5			
						D922	6-500-522-11	DIODE 10EDB40-TA2B5			
TB001	1-780-364-11	TERMINAL BOARD (SP) (8P)				D923	6-500-522-11	DIODE 10EDB40-TA2B5			
		(SPEAKERS FRONT A,SURROUND)									
TM602	1-537-240-11	TERMINAL BOARD (CHECKER PIN) (4P)						< GROUND TERMINAL >			
		(SPEAKERS FRONT B)									
						G901	1-537-738-21	TERMINAL, GROUND			

STR-K7100

STANDBY **VIDEO** **VIDEO 3**

Ref. No.	Part No.	Description	Remark			
< TRANSISTOR >						
Q901	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q921	8-729-119-78	TRANSISTOR	2SC2785-HFE			
< RESISTOR >						
△ R810	1-243-634-91	FUSIBLE	0.22	5%	1/2W	F
△ R811	1-243-634-91	FUSIBLE	0.22	5%	1/2W	F
△ R901	1-219-237-91	SOLID	3.3M	20%	1/2W	F
R902	1-247-871-11	CARBON	47K	5%	1/4W	
R903	1-249-421-11	CARBON	2.2K	5%	1/4W	
R904	1-249-381-11	CARBON	1	5%	1/4W	F
R921	1-247-871-11	CARBON	47K	5%	1/4W	
R922	1-247-863-11	CARBON	22K	5%	1/4W	
R923	1-249-429-11	CARBON	10K	5%	1/4W	
< RELAY >						
△ RY901	1-755-541-11	RELAY				
< TRANSFORMER >						
△ T902	1-443-516-11	TRANSFORMER, POWER (SUB)				

VIDEO BOARD						

< CAPACITOR >						
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	
C209	1-126-964-11	ELECT	10uF	20%	50V	
C210	1-126-947-11	ELECT	47uF	20%	35V	
C213	1-126-947-11	ELECT	47uF	20%	35V	
C214	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C215	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C220	1-126-947-11	ELECT	47uF	20%	35V	
C221	1-126-947-11	ELECT	47uF	20%	35V	
C223	1-135-799-11	CERAMIC	0.47uF		50V	
C224	1-135-799-11	CERAMIC	0.47uF		50V	
C308	1-126-964-11	ELECT	10uF	20%	50V	
C309	1-126-964-11	ELECT	10uF	20%	50V	
C310	1-126-964-11	ELECT	10uF	20%	50V	
C311	1-126-964-11	ELECT	10uF	20%	50V	
C312	1-126-964-11	ELECT	10uF	20%	50V	
C313	1-126-964-11	ELECT	10uF	20%	50V	
C314	1-126-964-11	ELECT	10uF	20%	50V	
C315	1-126-964-11	ELECT	10uF	20%	50V	
C316	1-126-964-11	ELECT	10uF	20%	50V	
C330	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C331	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C337	1-126-947-11	ELECT	47uF	20%	35V	
C338	1-126-947-11	ELECT	47uF	20%	35V	
< CONNECTOR >						
CNP202	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P				
* CNP203	1-564-507-11	PLUG, CONNECTOR 4P				
CNS207	1-784-774-11	CONNECTOR, FFC 13P				

Ref. No.	Part No.	Description	Remark			
< DIODE >						
D203	8-719-991-33	DIODE	1SS133T-77			
D204	8-719-991-33	DIODE	1SS133T-77			
< IC >						
IC203	6-701-890-01	IC	NJM2595D			
IC304	6-707-363-01	IC	NJM2586AL			
IC804	8-759-245-79	IC	TA79005S			
IC807	8-759-231-53	IC	TA7805S			
< JACK >						
J200	1-794-978-11	JACK, PIN 3P (SAT VIDEO IN, DVD VIDEO IN,VIDEO 1 VIDEO OUT)				
J201	1-815-043-11	JACK, PIN 2P (VIDEO 1 VIDEO IN, MONITOR VIDEO OUT)				
J301	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO SAT IN,DVD IN,VIDEO 1 IN)				
J302	1-815-360-11	JACK, PIN 3P (COMPONENT VIDEO MONITOR OUT)				
< RESISTOR >						
R200	1-247-804-11	CARBON	75	5%	1/4W	
R201	1-247-804-11	CARBON	75	5%	1/4W	
R218	1-247-804-11	CARBON	75	5%	1/4W	
R219	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	
R301	1-247-804-11	CARBON	75	5%	1/4W	
R302	1-247-804-11	CARBON	75	5%	1/4W	
R303	1-247-804-11	CARBON	75	5%	1/4W	
R304	1-247-804-11	CARBON	75	5%	1/4W	
R305	1-247-804-11	CARBON	75	5%	1/4W	
R306	1-247-804-11	CARBON	75	5%	1/4W	
R307	1-247-804-11	CARBON	75	5%	1/4W	
R308	1-247-804-11	CARBON	75	5%	1/4W	
R309	1-247-804-11	CARBON	75	5%	1/4W	
R310	1-247-804-11	CARBON	75	5%	1/4W	
R311	1-247-804-11	CARBON	75	5%	1/4W	
R312	1-247-804-11	CARBON	75	5%	1/4W	

VIDEO 3 BOARD						

< CAPACITOR >						
C293	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C294	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C298	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	
C299	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	
< CONNECTOR >						
CN201	1-564-721-11	PIN, CONNECTOR (SMALL TYPE) 5P				
* CN202	1-690-880-31	LEAD (WITH CONNECTOR)				
< JACK >						
J298	1-819-187-11	JACK, PIN 3P (VIDEO 3 IN/PORTABLE AV IN VIDEO,AUDIO)				

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
< RESISTOR >													
R298	1-216-821-11	METAL CHIP	1K	5%	1/10W		C164	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
R299	1-216-821-11	METAL CHIP	1K	5%	1/10W		C165	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V	
*****							C166	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V	
							C167	1-216-864-11	SHORT CHIP	0			
							C168	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
A-1222-793-A XM BOARD, COMPLETE							C169	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
*****							< CONNECTOR >						
< CAPACITOR >							CN101	1-568-828-11	CONNECTOR, FFC 9P				
C101	1-137-649-31	ELECT	220uF	20%	10V		CN102	1-784-766-11	CONNECTOR, FFC 5P				
C102	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V		CNP103	1-779-978-11	PIN, CONNECTOR 3P				
C103	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		< DIODE >						
C104	1-112-100-11	ELECT	10uF	20%	50V		D101	6-500-462-01	DIODE NSAD500F-T1B				
C105	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		D103	8-719-083-02	DIODE KDS160-RTK				
C106	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V		< FERRITE BEAD >						
C107	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V		FB101	1-469-152-11	FERRITE, EMI (SMD) (2012)				
C108	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		FB104	1-469-152-11	FERRITE, EMI (SMD) (2012)				
C109	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V		< IC >						
C110	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		IC101	6-705-468-01	IC BA33BC0FP-E2				
C111	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		IC102	6-709-251-01	IC F2602E-01-TR				
C112	1-216-864-11	SHORT CHIP	0				IC104	8-759-710-97	IC NJM4565M-D				
C113	1-126-964-11	ELECT	10uF	20%	50V		IC105	6-707-111-01	IC PCM1753DBQR				
C114	1-216-864-11	SHORT CHIP	0				IC106	6-707-802-01	IC BA00CCOWT(-V5)				
C115	1-216-864-11	SHORT CHIP	0				IC107	6-705-469-01	IC BA50BC0FP-E2				
C116	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		< CONNECTOR >						
C117	1-216-864-11	SHORT CHIP	0				J101	1-793-642-21	CONNECTOR (USB) (4P), SQUARE (XM)				
C118	1-162-963-11	CERAMIC CHIP	680PF	10%	50V		< JUMPER RESISTOR >						
C119	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		JR101	1-216-296-11	SHORT CHIP	0			
C120	1-162-969-11	CERAMIC CHIP	0.0068uF	10%	25V		L101	1-216-295-11	SHORT CHIP	0			
C121	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		L102	1-216-295-11	SHORT CHIP	0			
C122	1-112-100-11	ELECT	10uF	20%	50V		< TRANSISTOR >						
C123	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		Q105	8-729-027-46	TRANSISTOR DTC114YKA-T146				
C124	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		Q106	8-729-140-93	TRANSISTOR 2SB733-34				
C125	1-112-100-11	ELECT	10uF	20%	50V		< RESISTOR >						
C126	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		R101	1-216-845-11	METAL CHIP	100K	5%	1/10W	
C127	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		R102	1-216-845-11	METAL CHIP	100K	5%	1/10W	
C128	1-162-969-11	CERAMIC CHIP	0.0068uF	10%	25V		R103	1-216-833-11	METAL CHIP	10K	5%	1/10W	
C129	1-162-963-11	CERAMIC CHIP	680PF	10%	50V		R104	1-216-833-11	METAL CHIP	10K	5%	1/10W	
C130	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		R107	1-216-809-11	METAL CHIP	100	5%	1/10W	
C131	1-162-919-11	CERAMIC CHIP	22PF	5%	50V		R108	1-216-809-11	METAL CHIP	100	5%	1/10W	
C132	1-162-919-11	CERAMIC CHIP	22PF	5%	50V		R109	1-216-841-11	METAL CHIP	47K	5%	1/10W	
C133	1-162-919-11	CERAMIC CHIP	22PF	5%	50V		R110	1-216-809-11	METAL CHIP	100	5%	1/10W	
C134	1-162-919-11	CERAMIC CHIP	22PF	5%	50V		R112	1-216-833-11	METAL CHIP	10K	5%	1/10W	
C135	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		R113	1-216-864-11	SHORT CHIP	0			
C136	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		R115	1-216-833-11	METAL CHIP	10K	5%	1/10W	
C137	1-126-964-11	ELECT	10uF	20%	50V		R116	1-216-833-11	METAL CHIP	10K	5%	1/10W	
C138	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		R117	1-216-809-11	METAL CHIP	100	5%	1/10W	
C139	1-126-964-11	ELECT	10uF	20%	50V		R118	1-216-841-11	METAL CHIP	47K	5%	1/10W	
C140	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		R119	1-216-841-11	METAL CHIP	47K	5%	1/10W	
C142	1-126-964-11	ELECT	10uF	20%	50V								
C143	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V								
C144	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V								
C145	1-126-933-11	ELECT	100uF	20%	16V								
C153	1-126-933-11	ELECT	100uF	20%	16V								
C157	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V								
C159	1-137-649-31	ELECT	220uF	20%	10V								
C161	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V								
C163	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V								

STR-K7100

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Ref. No.	Part No.	Description			Remark
R120	1-216-834-11	METAL CHIP	12K	5%	1/10W
R121	1-216-841-11	METAL CHIP	47K	5%	1/10W
R122	1-216-841-11	METAL CHIP	47K	5%	1/10W
R123	1-216-819-11	METAL CHIP	680	5%	1/10W
R124	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R125	1-216-813-11	METAL CHIP	220	5%	1/10W
R126	1-216-845-11	METAL CHIP	100K	5%	1/10W
R127	1-216-809-11	METAL CHIP	100	5%	1/10W
R128	1-216-845-11	METAL CHIP	100K	5%	1/10W
R129	1-216-809-11	METAL CHIP	100	5%	1/10W
R130	1-216-809-11	METAL CHIP	100	5%	1/10W
R131	1-216-809-11	METAL CHIP	100	5%	1/10W
R132	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R133	1-216-819-11	METAL CHIP	680	5%	1/10W
R134	1-216-809-11	METAL CHIP	100	5%	1/10W
R135	1-216-864-11	SHORT CHIP	0		
R137	1-216-834-11	METAL CHIP	12K	5%	1/10W
R138	1-216-821-11	METAL CHIP	1K	5%	1/10W
R143	1-216-809-11	METAL CHIP	100	5%	1/10W
R144	1-216-821-11	METAL CHIP	1K	5%	1/10W
R145	1-216-841-11	METAL CHIP	47K	5%	1/10W
R146	1-216-841-11	METAL CHIP	47K	5%	1/10W
R147	1-216-833-11	METAL CHIP	10K	5%	1/10W
R152	1-216-809-11	METAL CHIP	100	5%	1/10W
R154	1-216-809-11	METAL CHIP	100	5%	1/10W
R156	1-216-811-11	METAL CHIP	150	5%	1/10W
R158	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R160	1-216-864-11	SHORT CHIP	0		
R162	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R163	1-218-344-11	METAL CHIP	7.5K	5%	1/10W
R170	1-216-864-11	SHORT CHIP	0		
R171	1-216-864-11	SHORT CHIP	0		
R172	1-216-864-11	SHORT CHIP	0		
R173	1-216-864-11	SHORT CHIP	0		
R174	1-216-819-11	METAL CHIP	680	5%	1/10W
R176	1-216-833-11	METAL CHIP	10K	5%	1/10W
< VIBRATOR >					
X101	1-760-841-11	VIBRATOR, CRYSTAL (45.158MHz)			

Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS	

57	1-828-994-11	WIRE (FLAT TYPE) (17 CORE)	
101	1-828-953-11	WIRE (FLAT TYPE) (9 CORE)	
102	1-828-957-11	WIRE (FLAT TYPE) (9 CORE)	
104	1-828-973-11	WIRE (FLAT TYPE) (13 CORE)	
△ 107	1-783-820-11	CORD, POWER	
108	1-828-935-11	WIRE (FLAT TYPE) (5 CORE)	
△ F901	1-533-453-12	FUSE, GLASS TUBE (DIA. 5) (5A/125V)	
△ F4001	1-532-465-33	FUSE (T3.15AL/250V)	
△ F4002	1-532-465-33	FUSE (T3.15AL/250V)	
Q503	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q504	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q603	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q604	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q653	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q654	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q703	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q704	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q753	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q754	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
△ T901	1-443-524-11	TRANSFORMER, POWER (MAIN)	
TN1	1-693-728-11	TUNER (FM/AM) (ANTENNA)	

MEMO

REVISION HISTORY

Clicking the version allows you to jump to the revised page.

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

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