

STR-DE897

SERVICE MANUAL

Ver 1.0 2004. 04

US Model
Canadian Model
E Model



Photo: Black type

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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

(Models of area code US only)

With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.09 % total harmonic distortion from 250 milliwatts to rated output.

Amplifier section

Power Output

Models of area code US, CND

Rated Power Output at Stereo Mode

(8 ohms 20 Hz – 20 kHz, THD 0.09 %)

100 W + 100 W ¹⁾

Reference Power Output ¹⁾

(8 ohms 20 Hz – 20 kHz, THD 0.09 %)

FRONT ²⁾ : 100 W/ch

CENTER ²⁾ : 100 W

SURR ²⁾ : 100 W/ch

SURR BACK ²⁾ : 100 W/ch

(8 ohms 1 kHz, THD 0.7 %)

FRONT ²⁾ : 110 W/ch

CENTER ²⁾ : 110 W

SURR ²⁾ : 110 W/ch

SURR BACK ²⁾ : 110 W/ch

Models of area code E2

Rated Power Output at Stereo Mode

(8 ohms 1 kHz, THD 0.7 %)

110 W + 110 W ¹⁾

Reference Power Output ¹⁾

(8 ohms 1 kHz, THD 10 %)

FRONT ²⁾ : 130 W/ch

CENTER ²⁾ : 130 W

SURR ²⁾ : 130 W/ch

SURR BACK ²⁾ : 130 W/ch

Models of area code AR

Rated Power Output at Stereo Mode

(8 ohms 1 kHz, THD 0.7 %)

110 W + 110 W ¹⁾

100 W + 100 W ³⁾

Reference Power Output ¹⁾

(8 ohms 1 kHz, THD 10 %)

FRONT ²⁾ : 130 W/ch

CENTER ²⁾ : 130 W

SURR ²⁾ : 130 W/ch

SURR BACK ²⁾ : 130 W/ch

– Continued on next page –

FM STEREO/FM-AM RECEIVER

9-877-834-01

2004D04-1

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Sony Corporation

Home Audio Company

Published by Sony Engineering Corporation

SONY®

1) Measured under the following conditions:	
Area code	Power requirements
US, CND	120 V AC, 60 Hz
E2	240 V AC, 50 Hz
AR	230 V AC, 50 Hz
2) Depending on the sound field settings and the source, there may be no sound output.	
3) Measured under the following conditions:	
Area code	Power requirements
AR	220 V AC, 50 Hz
Frequency response	
PHONO	RIAA equalization curve ±0.5 dB
MULTI CH IN 1, 2, SA-CD/CD, TV/SAT, MD/TAPE, DVD, VIDEO 1, 2, 3	10 Hz – 70 kHz +0.5/–2 dB (with sound field and equalizer bypassed)
Inputs (Analog)	
PHONO	Sensitivity: 8 mV Impedance: 50 kilohms S/N ⁴⁾ : 86 dB (A, 8 mV ⁵⁾)
MULTI CH IN 1, 2, SA-CD/CD, TV/SAT, MD/TAPE, DVD, VIDEO 1, 2, 3	Sensitivity: 500 mV Impedance: 50 kilohms S/N ⁴⁾ : 96 dB (A, 500 mV ⁵⁾)
4) INPUT SHORT (with sound field and equalizer bypassed).	
5) Weighted network, input level.	
Inputs (Digital)	
DVD, SA-CD/CD (Coaxial)	Sensitivity: – Impedance: 75 ohms S/N: 100 dB (A, 20 kHz LPF)
TV/SAT, SA-CD/CD, MD/TAPE, VIDEO 3 (Optical)	Sensitivity: – Impedance: – S/N: 100 dB (A, 20 kHz LPF)
Outputs (Analog)	
MD/TAPE (OUT), VIDEO 1, 2 (AUDIO OUT)	Voltage: 500 mV Impedance: 10 kilohms
SUB WOOFER	Voltage: 2 V Impedance: 1 kilohms
Outputs (Digital)	
MD/TAPE (Optical)	Sensitivity: –
Equalizer	
Gain levels	±10 dB, 0.5 dB step

FM tuner section	
Tuning range	87.5 – 108.0 MHz
Antenna	FM wire antenna
Antenna terminals	75 ohms, unbalanced
Intermediate frequency	10.7 MHz
Sensitivity	
Mono:	18.3 dBf, 2.2 µV/75 ohms
Stereo:	38.3 dBf, 22.5 µV/75 ohms
Useable sensitivity	11.2 dBf, 1 µV/75 ohms
S/N	
Mono:	76 dB
Stereo:	70 dB
Harmonic distortion at 1 kHz	
Mono:	0.3%
Stereo:	0.5%
Separation	45 dB at 1 kHz
Frequency response	30 Hz – 15 kHz, +0.5/–2 dB
Selectivity	60 dB at 400 kHz

AM tuner section	
Tuning range	
Models of area code US, CND	
With 10-kHz tuning scale: 530 – 1,710 kHz ⁶⁾	
With 9-kHz tuning scale: 531 – 1,710 kHz ⁶⁾	
Models of area code E2	
With 10-kHz tuning scale: 530 – 1,610 kHz ⁶⁾	
With 9-kHz tuning scale: 531 – 1,602 kHz ⁶⁾	
Models of area code AR	
With 10-kHz tuning scale: 530 – 1,610 kHz	
Antenna	Loop antenna
Intermediate frequency	450 kHz
Usable sensitivity	50 dB/m (at 1,000 kHz or 999 kHz)
S/N	
Harmonic distortion	
0.5 % (50 mV/m, 400 Hz)	
Selectivity	
At 9 kHz:	35 dB
At 10 kHz:	40 dB

6) 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 PRESET TUNING + or TUNING +, 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
S-video:	Y: 1 Vp-p, 75 ohms
	C: 0.286 Vp-p, 75 ohms
COMPONENT VIDEO:	Y: 1 Vp-p, 75 ohms
	Pb/Cb/B-Y: 0.7 Vp-p, 75 ohms
	Pr/Cr/R-Y: 0.7 Vp-p, 75 ohms

80 MHz HD Pass Through

General**Power requirements**

Area code	Power requirements
US, CND	120 V AC, 60 Hz
E2	120/220/240 V AC, 50/60 Hz
AR	220 – 230 V AC, 50/60 Hz

Power consumption

Area code	Power consumption
US, E2	300 W
CND	410 VA
AR	260 W

Power consumption (during standby mode)

0.3 W (when "POWER SAVE" in the CUSTOMIZE menu is set to "ON")

AC outlets

Area code	AC outlets
US, CND	2 switched, 120 W/1A MAX
E2	1 switched, 100 W MAX

Dimensions (w/h/d) (Approx.)430 × 157.5 × 371 mm
(16 7/8 × 6 2/8 × 14 5/8 inches) including projecting parts and controls**Mass (Approx.)**

10.7 kg (23 lb 10 oz)

Supplied accessories

- FM wire antenna (1)
- AM loop antenna (1)
- Remote commander RM-PG413 (1)
- R6 (size-AA) batteries (2)

Design and specifications are subject to change without notice.

• **Abbreviation**

- CND : Canadian model
- E2 : AC 120 V area in E model
- AR : Argentina model

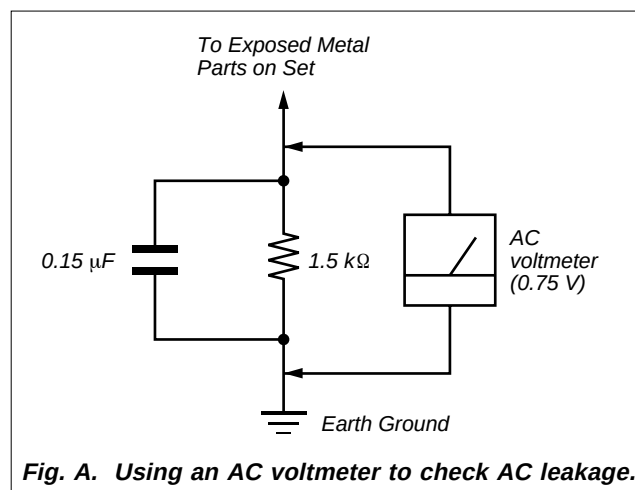
SAFETY CHECK-OUT (US MODEL)

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)

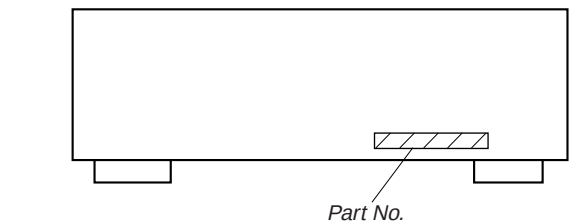
**Fig. A. Using an AC voltmeter to check AC leakage.****SAFETY-RELATED COMPONENT WARNING!!**

COMPONENTS IDENTIFIED BY MARK $\triangle$ OR DOTTED LINE WITH MARK $\triangle$ 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.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE $\triangle$ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

MODEL IDENTIFICATION
— BACK PANEL —



MODEL	PART No.
US	4-252-935-0□
E2	4-252-935-2□
AR	4-252-935-3□
CND	4-252-935-4□

- Abbreviation
E2 : AC 120 V area in E model
AR : Argentina model
CND: Canadian model

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SECTION 1
GENERAL

This section is extracted
from instruction manual.

List of button locations and reference pages

How to use this page

Use this page to find the location of buttons and other parts of the system that are mentioned in the text.

Illustration number

↓

DISPLAY 7 (25, 56)

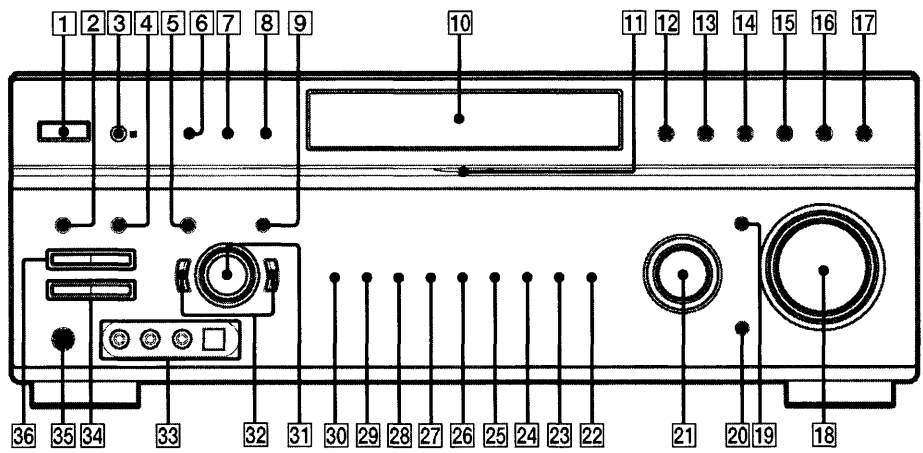
↑

↑

Name of button/part Reference page

Main unit

ALPHABETICAL ORDER	M - O	
A - I	MAIN MENU 5 (18, 35, 37, 39)	SPEAKERS (OFF/A/B/A+B) 6 (16, 40, 55)
A.F.D. (button/indicator) 14 (29, 31, 56)	MASTER VOLUME +/- 18 (17, 21, 22, 55)	SURR BACK DECODING 17 (32)
DIMMER 8 (25)	MD/TAPE (indicator) 25 (22)	TUNER FM/AM (indicator) 23 (22)
DISPLAY 7 (25, 56)	MEMORY 2 (24)	TUNING +/- 34 (23, 59)
Display 10 (25)	MOVIE (button/indicator) 15 (30, 31, 56)	TV/SAT (indicator) 26 (22)
DVD (indicator) 27 (22)	MULTI CHANNEL DECODING (indicator) 11 (23)	VIDEO 1 (indicator) 30 (22)
ENTER 9 (17, 18, 39, 57)	MULTI CH IN/DIRECT 12 (23, 28)	VIDEO 2 (indicator) 29 (22)
FM MODE 4 (23)	MUSIC (button/indicator) 16 (31, 56)	VIDEO 3 (indicator) 28 (22)
INPUT MODE 20 (35)		VIDEO 3 INPUT (jacks) 33 (13)
INPUT SELECTOR 21 (22, 23, 24, 25, 35, 38, 39, 56)		
IR (receptor) 3 (44, 57)	P - Z	NUMBERS AND SYMBOLS
	PHONES (jack) 35 (22, 55)	2CH (button/indicator) 13 (28, 31, 36)
	PHONO (indicator) 22 (22)	2ND ZONE 19 (41)
	PRESET TUNING +/- 36 (24, 59)	-/+ 31 (18, 35, 37, 39)
	SA-CD/CD (indicator) 24 (22)	I/⏻ (power) 1 (17, 18, 21, 36, 57, 59)
		</> 32 (18, 35, 37, 39)



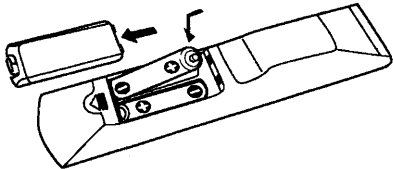
Operations Using the Remote RM-PG413

You can use the remote RM-PG413 to operate the components in your system.

Before you use your remote

Inserting batteries into the remote

Insert R6 (size-AA) batteries with the + and – properly oriented in the battery compartment. When using the remote, point it at the remote sensor ■ on the receiver.



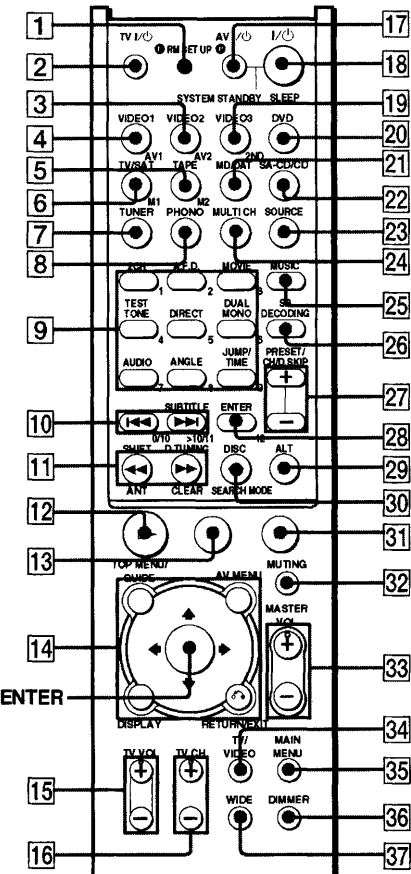
Tip

Under normal conditions, the batteries should last for about 6 months. When the remote no longer operates the receiver, replace all batteries with new ones.

Notes

- Do not leave the remote in an extremely hot or humid place.
- Do not use a new battery with an old one.
- Do not expose the remote sensor to direct sunlight or lighting apparatuses. Doing so may cause a malfunction.
- If you do not use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

Remote button description

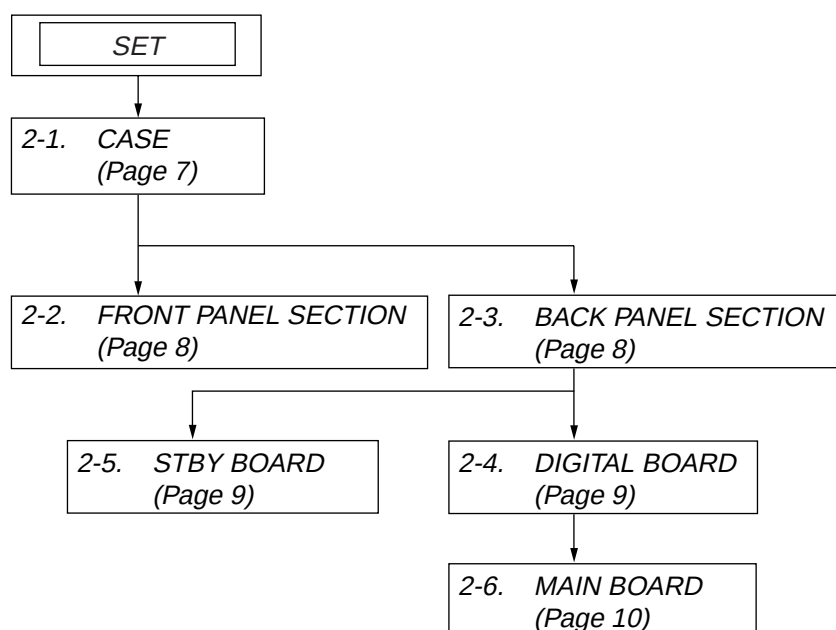


The tables below show the settings of each button.

Remote Button	Operations	Function
A.F.D. [9]	Receiver	Selects the decoding mode for audio sound.

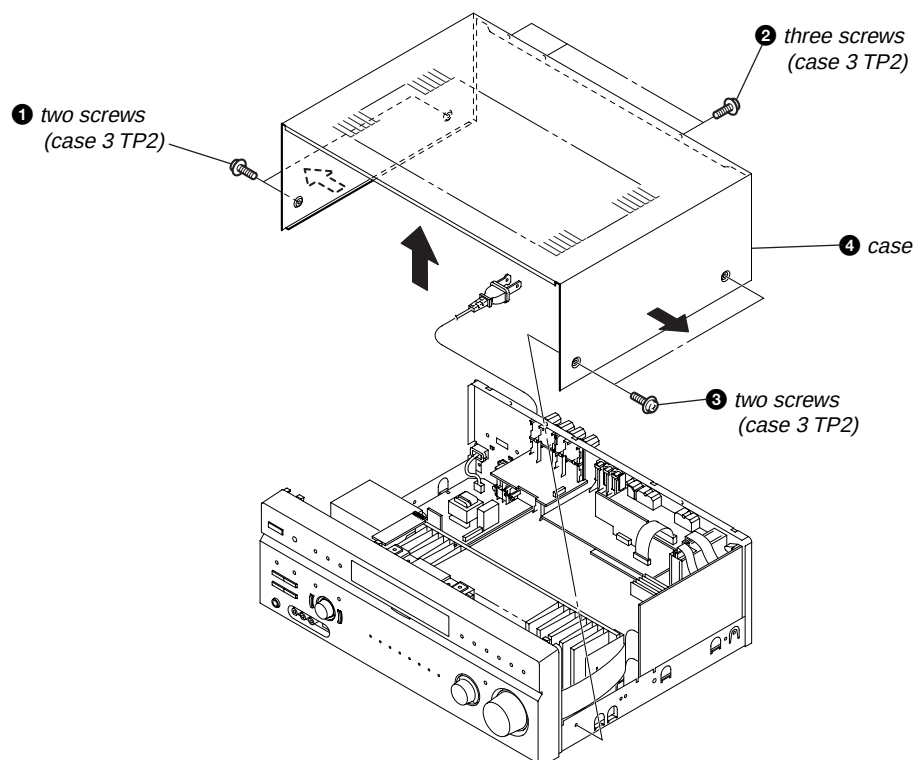
SECTION 2 DISASSEMBLY

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

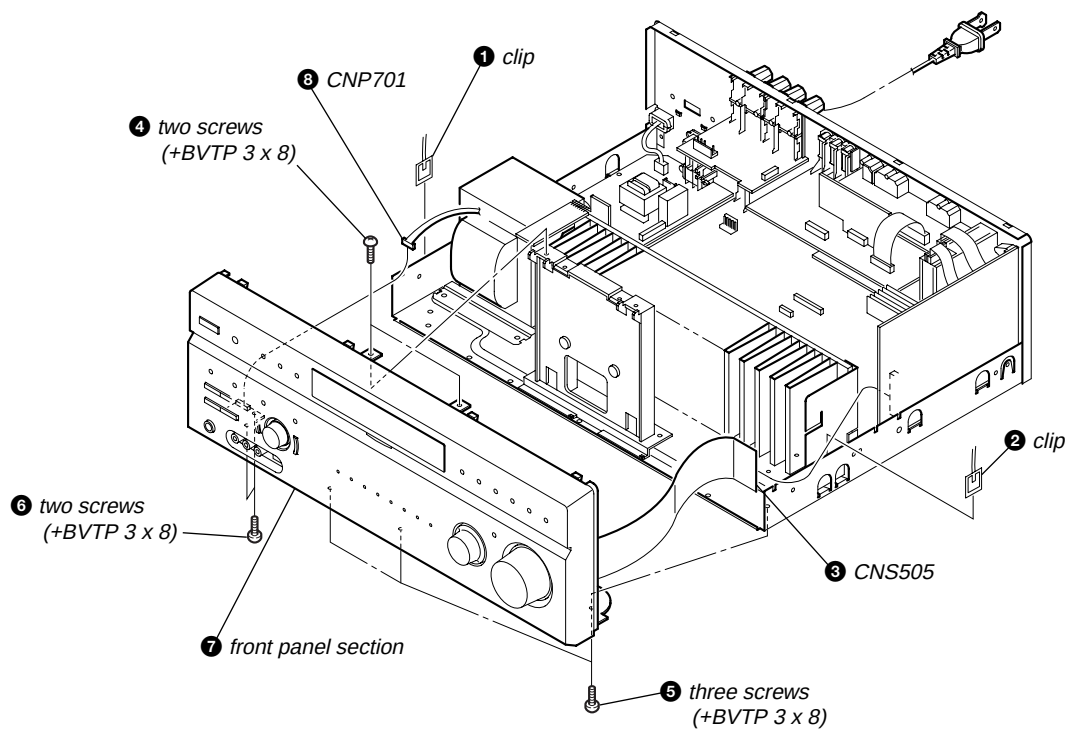


Note : Follow the disassembly procedure in the numerical order given.

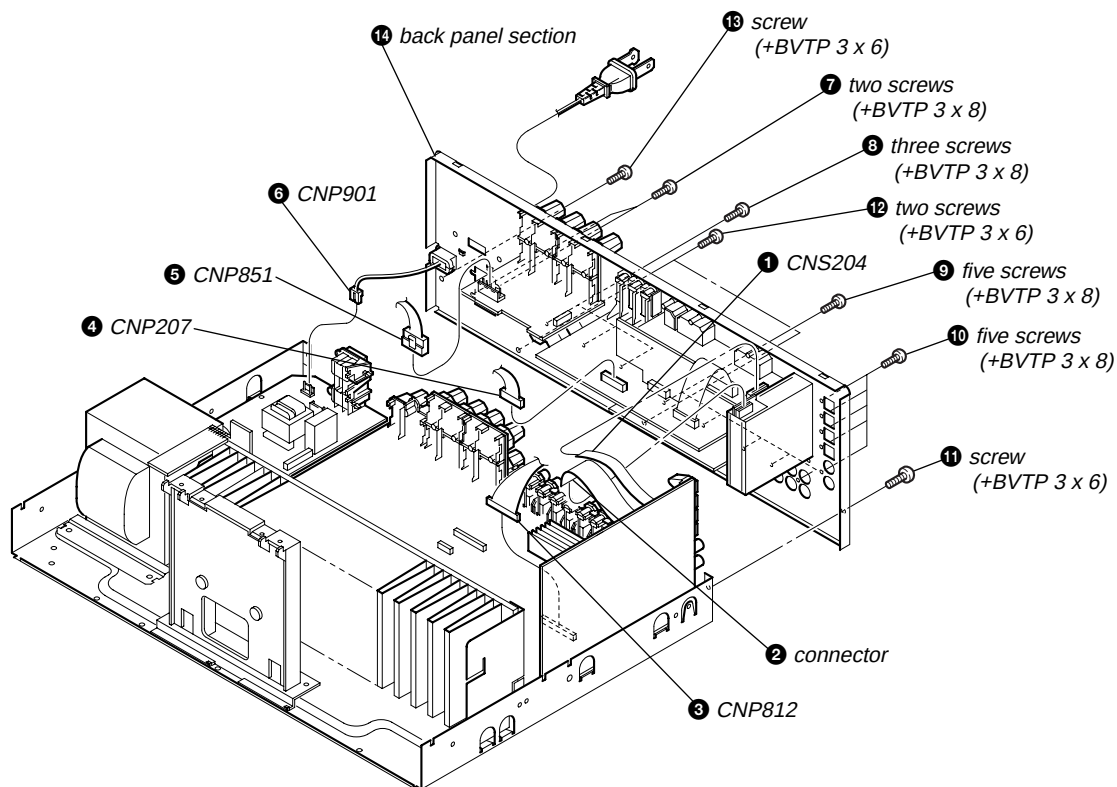
2-1. CASE



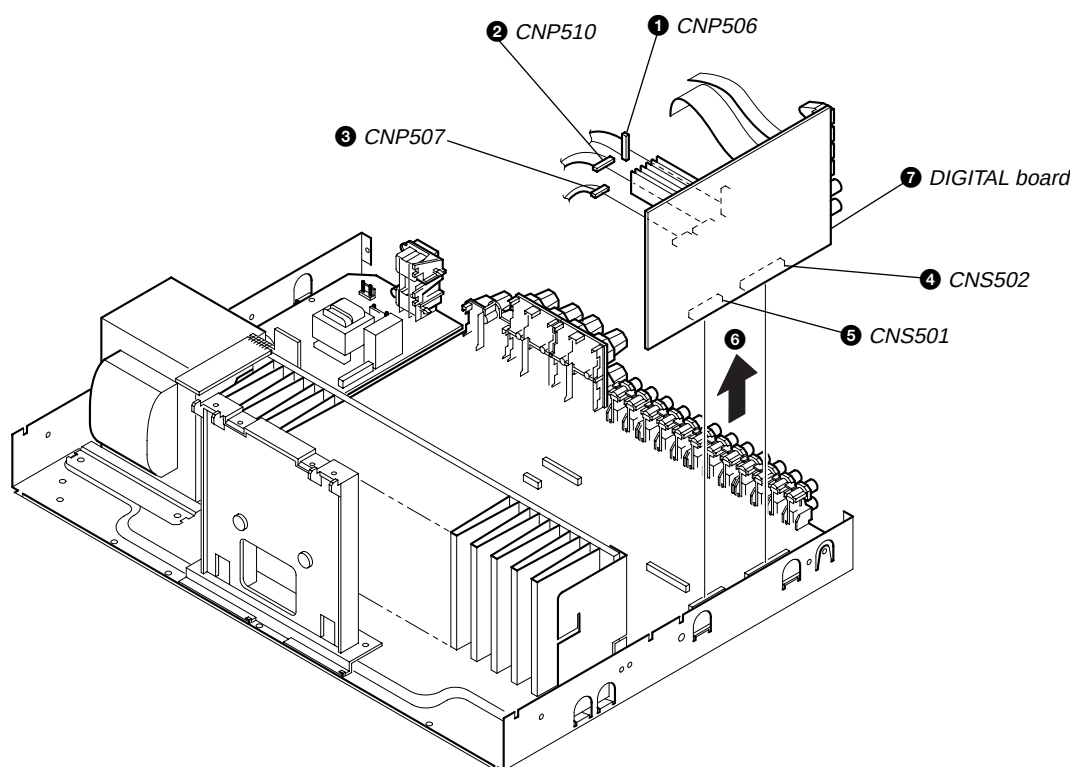
2-2. FRONT PANEL SECTION



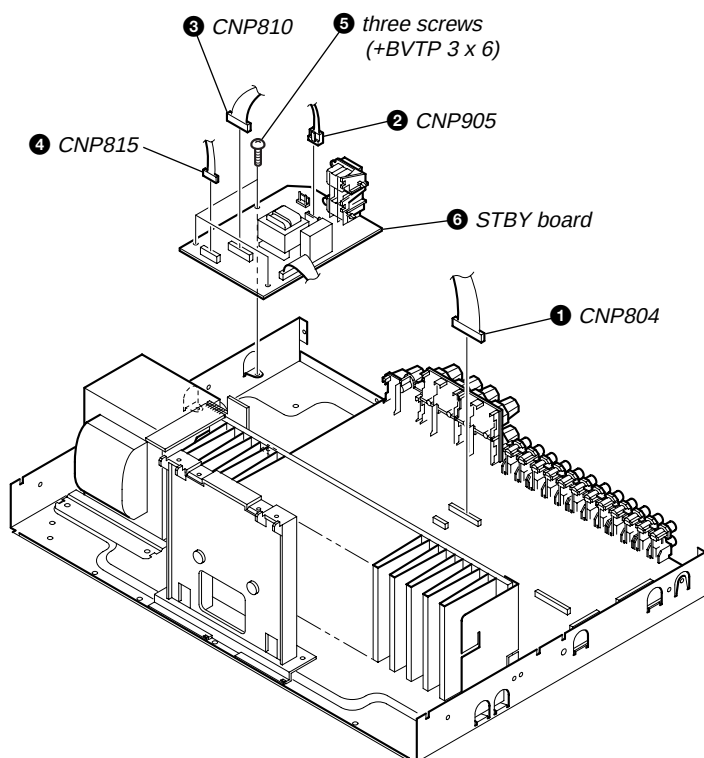
2-3. BACK PANEL SECTION



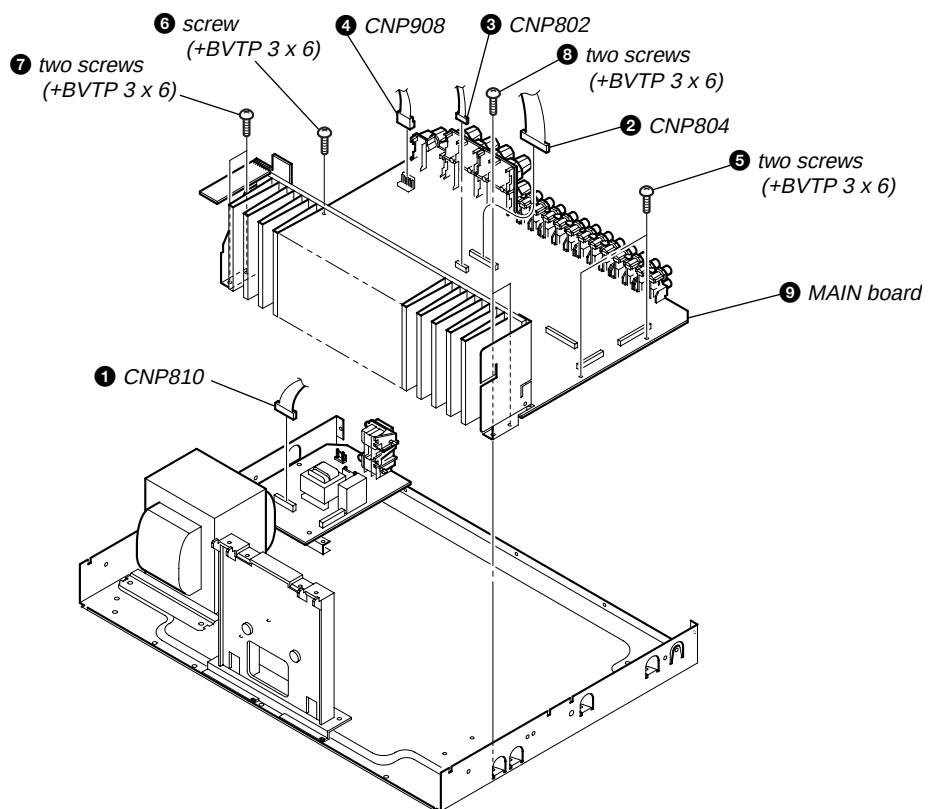
2-4. DIGITAL BOARD



2-5. STBY BOARD



2-6. MAIN BOARD



SECTION 3 TEST MODE

FACTORY PRESET MODE

- * All preset contents are reset to the default setting.
- * Procedure:
While depressing the **[FM MODE]** and the **[DISPLAY]** buttons simultaneously, press the **[I/⏻]** button to turn on the main power. The message “FACTORY” appears for a moment and the present contents are reset to the default values.

AM CHANNEL STEP 9 kHz/10 kHz SELECTION MODE (US, Canadian, E2 model only)

- * 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 **[PRESET TUNING +]** button or the **[TUNING +]** 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.

SPEAKER SIZE SELECTION MODE

- * Either the normal speaker or micro satellite speaker can be selected.
- * Procedure:
While depressing the **[DIMMER]** button, press the **[I/⏻]** button to turn on the main power.
Either the message “NORM. SP.” or “MICRO SP.” appears for a moment and select the desired speaker size.

FLUORESCENT INDICATOR TUBE TEST MODE

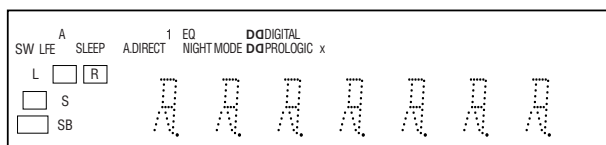
- * All fluorescent segments are tested.
When this test is activated, all segments light on at the same time, then each segment lights on one after another.
- * Procedure:
While depressing the **[TUNING -]** and the **[SPEAKERS (OFF/A/B/A+B)]** buttons simultaneously, press the **[I/⏻]** button to turn on the main power.

1. ALL segments light on.



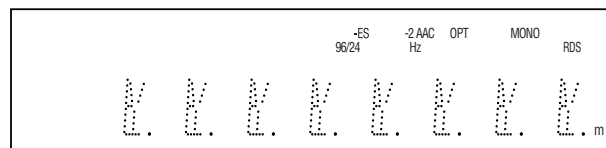
[2CH], **[A.F.D.]**, **[MOVIE]**, **[MUSIC]**, **[MULTI CHANNEL DECODING]**, **[VIDEO 1]**, **[VIDEO 2]**, **[VIDEO 3]**, **[DVD]**, **[TV/SAT]**, **[MD/TAPE]**, **[SA-CD/CD]**, **[TUNER FM/AM]** and **[PHONO]** LED light on.

2. Turn the **[INPUT SELECTOR]** control by 1 step clockwise, confirm display.



[A.F.D.], **[MUSIC]**, **[MULTI CHANNEL DECODING]**, **[VIDEO 2]**, **[VIDEO 3]**, **[TV/SAT]**, **[SA-CD/CD]** and **[PHONO]** LED light on.

3. Turn the **[INPUT SELECTOR]** control by 1 step clockwise, confirm display.



[2CH], **[MOVIE]**, **[VIDEO 1]**, **[DVD]**, **[MD/TAPE]** and **[TUNER FM/AM]** LED light on.

4. Turn the **[INPUT SELECTOR]** control by 1 step clockwise, all segments and all LEDs light off.
5. Every turning the **[INPUT SELECTOR]** control turns on each segment and LED one after another in the same order.

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 “SF. INITIALIZE” appears for a moment and initialization is performed.

SOFTWARE VERSION DISPLAY MODE

- * The software version is displayed.
- * Procedure:
While depressing the **[TUNING -]** 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 **[TUNING -]** and the **[MAIN MENU]** buttons simultaneously, press the **[I/⏻]** button to turn on the main power. Either the message “REST 21” 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.

COMMAND MODE SELECTION MODE

- * The command mode (AV1 or AV2) of the remote commander can be selected.
- * Procedure:
While depressing the **[ENTER]** button, press the **[I/⏻]** button to turn on the main power.
Either the message “C.MODE.AV1” or “C.MODE.AV2” appears for a moment and select the desired mode.

SECTION 4

DIAGRAMS

4-1. IC PIN DESCRIPTIONS

• IC1501 CXD9718Q (DSP) (DIGITAL Board (2/3))

Pin No.	Pin Name	I/O	Pin Description
1	VSS	—	Ground
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 (+2.6 V)
6	BCKI3	I	Not used (Connect to ground)
7	PLOCK	O	Not used (Open)
8	VSS	—	Ground
9	MCLK1	I	Clock signal input (13.5 MHz)
10	VDDI	I	Power supply pin (+2.6 V)
11	VSS	—	Ground
12	MCLK2	O	Clock signal output (13.5 MHz)
13	MS	I	Not used (Fixed at L)
14	SCKOUT	O	Internal system clock signal output for 2CH/6CH DAC IC
15	LRCKI1	I	Sampling clock signal input from ADC IC
16	VDDE	I	Power supply pin (+3.3 V)
17	BCKI1	I	Bit clock signal input from ADC IC
18	SDI1	I	Audio IF data input from ADC IC
19	LRCKO	O	Sampling clock signal output for 2CH/6CH DAC IC
20	BCKO	O	Bit clock signal output for 2CH/6CH DAC IC
21	VSS	—	Ground
22	KFSIO	I/O	Audio clock signal (384fs/256fs) input/output for DIR IC
23 to 25	SDO1 to SDO3	O	Digital audio serial data output for 6CH DAC IC
26	SDO4	O	Digital audio serial data output for 2CH DAC IC
27	SPDIF	O	Not used (Open)
28	LRCKI2	I	Sampling clock signal input from ADC IC
29	BCKI2	I	Bit clock signal input from ADC IC
30	SDI2	I	Digital audio serial data input from DIR IC
31	VSS	—	Ground
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 (+2.6 V)
41	VSS	—	Ground
42	GP15	O	Not used (Open)
43	OE0	O	Not used (Open)
44	CS0	O	External memory chip select signal output for D/A converter IC (SRAM)
45	WE0	O	SRAM write enable signal output for D/A converter IC
46	VDDE	I	Power supply pin (+3.3 V)
47	WMD1	I	Not used (Fixed at H)
48	VSS	—	Ground
49	WMD0	I	Not used (Fixed at H)
50	PAGE2	O	Not used (Open)
51	VSS	—	Ground
52, 53	PAGE1, PAGE0	O	Not used (Open)
54	BOOT	I	Not used (Connect to ground)
55	TST1	O	Not used (Open)

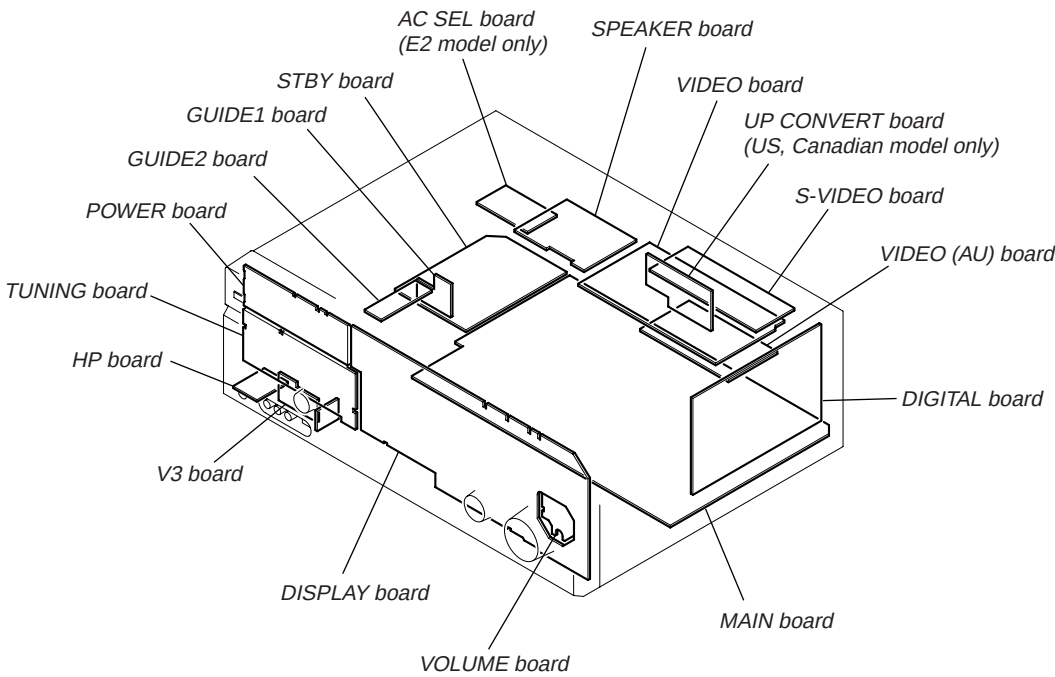
Pin No.	Pin Name	I/O	Pin Description
56	BST	I	Boot stop signal input from SYSTEM CONTROL IC
57	MOD1	I	Operation mode signal input (L: 386fs, H: 256fs) (Fixed at H)
58	MOD0	I	Operation mode signal input (L: single chip mode, H: use prohibited) (Fixed at L)
59	EXLOCK	I	Error detection signal input from DIR IC
60	VDDI	I	Power supply pin (+2.6 V)
61	VSS	—	Ground
62, 63	A17, A16	O	Not used (Open)
64 to 66	A15 to A13	O	External memory address signal output for D/A converter IC (SRAM)
67	GP10	O	Not used (Open)
68	GP9	O	GP9 signal output for SYSTEM CONTROL IC
69	GP8	I	Audio signal input from DIR IC
70	VDDI	I	Power supply pin (+2.6 V)
71	VSS	—	Ground
72 to 75	D15/GP7 to D12/GP4	I/O	External memory data input/output for D/A converter IC (general port)
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 D/A converter IC (general port)
81	VSS	—	Ground
82	A9	O	External memory address signal output for D/A converter IC (SRAM)
83 to 85	A12 to A10	O	External memory address signal output for D/A converter IC (SRAM)
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
92 to 97	A8 to A3	O	External memory address signal output for D/A converter IC (SRAM)
98, 99	D7, D6	I/O	External memory data input/output for D/A converter IC (SRAM)
100	VDDI	I	Power supply pin (+2.6 V)
101	VSS	—	Ground
102 to 105	D5 to D2	I/O	External memory data input/output for D/A converter IC (SRAM)
106	VDDE	I	Power supply pin (+3.3 V)
107, 108	D1, D0	I/O	External memory data input/output for D/A converter IC (SRAM)
109, 110	A2, A1	O	External memory address signal output for D/A converter IC (SRAM)
111	VSS	—	Ground
112	A0	O	External memory address signal output for D/A converter IC (SRAM)
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 (+2.6 V)

• IC1101 MB90478PF-G-172-BND (SYSTEM CONTROL) (DIGITAL Board (3/3))

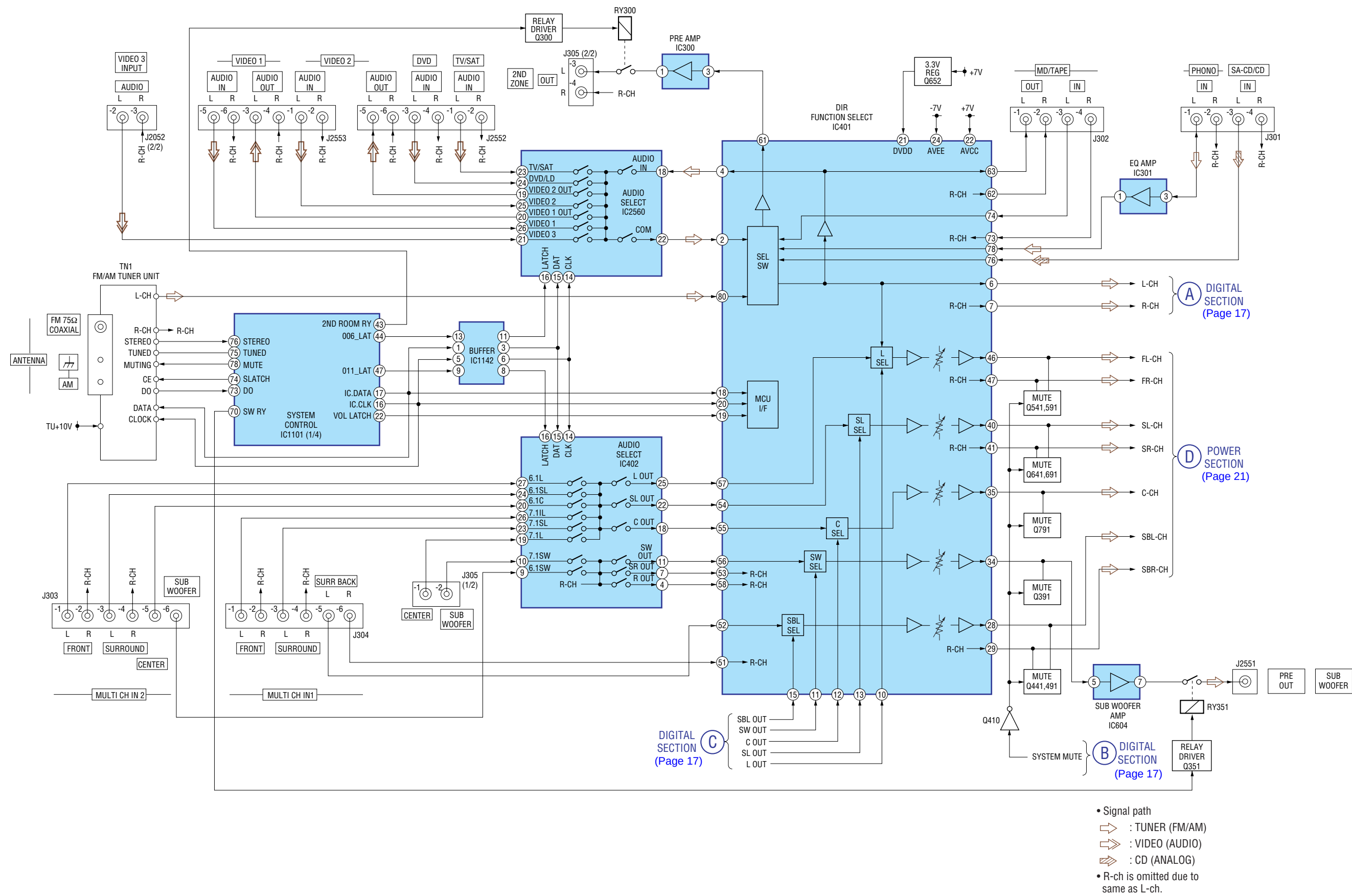
Pin No.	Pin Name	I/O	Pin Description
1	DATAO	I	Serial data line signal input from DIR IC
2	GP9	I	GP9 signal input from DSP IC
3	BST	O	Boot stop control signal output for DSP IC
4	HCS	O	Chip select signal output for DSP IC
5	HACN	I	Acknowledge signal input from DSP IC
6	XRST	O	Reset signal output for DSP IC
7	PM	O	PLL control signal output for DSP IC
8	GP12	O	GP12 signal output for DSP IC
9	AK5380_PDN	O	Power down signal output for ADC IC
10	AK4355_CSN	O	Chip select signal output for 6CH DAC IC
11	VSS	—	Ground
12	AK4355_PDN	O	Power down signal output for 6CH DAC IC
13	AK4381_PDN	O	Power down signal output for 2CH DAC IC
14	AK4381_CSN	O	Chip select signal output for 2CH DAC IC
15	AK4355_CLK	O	Clock signal output for 2CH/6CH DAC IC
16	IC_CLK (VOL_TUNER_TC9273)	O	Clock signal output for FUNCTION SELECT IC and tuner pack
17	IC_DATA (VOL_TUNER_TC9273)	O	Serial data signal output for FUNCTION SELECT IC and tuner pack
18	HDOUT	I	Serial data input from DSP IC
19	HDIN	O	Serial data output for DSP IC
20	HCLK	O	Serial data clock signal output for DSP IC
21	AK4355_CDT1	O	CDT1 signal output for 2CH/6CH DAC IC
22	VOL_LATCH	O	Latch signal output for FUNCTION SELECT IC
23	VCC5	—	Power supply pin (+3.3 V)
24	SYS_MUTE	O	System mute control signal output
25	ANA/DIG	O	Muting and error port signal output
26	FL_CLEAR	O	Reset signal output for FL DISPLAY DRIVER IC
27	FLASH2	—	Flash programming signal output 2
28	FLASH1	—	Flash programming signal output 1
29	ENC_A	I	Input selector encoder (+) signal input
30	ENC_B	I	Input selector encoder (–) signal input
31	F_A	I	–/+ (cursor) encoder (–) signal input
32	F_B	I	–/+ (cursor) encoder (+) signal input
33	SCL	O	Clock signal output for EEPROM IC
34	SDA	I/O	Serial data input/output for EEPROM IC
35	AVCC	—	Power supply pin (+3.3 V)
36	AVRH	—	Power supply pin (+3.3 V)
37	AVSS	—	Ground
38 to 40	A/D0 to A/D2	I	Key signal input (A/D port)
41	VERSION	I	Destination detection signal input (Fixed at L: US, Canadian model, H: Except for US, Canadian model)
42	VSS	—	Ground
43	2ND_ROOM	O	2ND ZONE relay driver control signal output
44	006_LAT	O	Latch signal output for AUDIO SELECTOR IC
45	VOL_ENC (A)	I	Volume encoder (+) signal input
46	VOL_ENC (B)	I	Volume encoder (–) signal input
47	011_LAT	O	Latch signal output for VIDEO SELECTOR IC
48	STOP	I	AC off detection signal input
49	MOD0	—	Selection of micon operation mode
50	MOD1	—	Not used (Connect to AVCC)
51	MOD2	—	Selection of micon operation mode

Pin No.	Pin Name	I/O	Pin Description
52	RDS_CLK	I	Not used (Fixed at L)
53	RDS_DATA	I	Not used (Fixed at L)
54	SIRCS	I	SIRCS signal input
55	HP_DETECT	I	Headphones detection signal input
56	POWER_KEY	I	Power key detection signal input
57	FL_LAT	O	Latch signal output for FL DISPLAY DRIVER IC
58	POWER_RY	O	Power relay driver control signal output
59	FL_DATA	O	Serial data output for FL DISPLAY DRIVER IC
60	FL_CLK	O	Clock signal output for FL DISPLAY DRIVER IC
61	PROTECTOR	I	Protector detection signal input
62	HP_RY	O	Headphones relay driver control signal output
63	FUSE_DETECT	I	Fuse open detection signal input
64	A1_OUT	O	CTRL A1 II signal output
65	A1_IN	I	CTRL A1 II signal input
66	FRONT_RY	O	Front speaker A relay driver control signal output
67	SP_B_RY	O	Front speaker B relay driver control signal output
68	C/SB_RY	O	Center/Surround back speakers relay driver control signal output
69	REAR_RY	O	Surround speaker relay driver control signal output
70	SW_RY	O	Sub woofer relay driver control signal output
71	NC	—	Not used (Fixed at L)
72	BRIDGEABLE_RY	O	Bridgeable relay driver control signal output
73	D0	I	Tuner serial data input
74	SLATCH	O	Tuner latch signal output
75	TUNED	I	Tuned signal detection input
76	STEREO	I	Stereo signal detection input
77	RSTX	I	Reset signal input
78	MUTE	O	Tuner mute signal output
79	X1A	—	Not used (Open)
80	X0A	—	Not used (Connect to VSS)
81	VSS	—	Ground
82	X0	—	Clock signal input (16 MHz)
83	X1	—	Clock signal output (16 MHz)
84	VCC3	—	Power supply pin (+3.3 V)
85	GROUPING_SW	O	Surround back switch signal output
86 to 89	SW1 to SW4	O	Video select signal output
90	SELECT2	O	Digital input select 2 signal output
91	SELECT1	O	Digital input select 1 signal output
92	BST_SEL	O	96/24 signal output for DSP IC
93	XMODE	O	Xmode signal output for DIR IC
94	CKSEL1	O	Clock select signal output for DIR IC
95	CLK	O	Data clock signal output for DIR IC
96	CE	O	Latch signal output for DIR IC
97	DI	O	Data output for DIR IC
98	DO	I	Data input from DIR IC
99	ERROR	I	Error detection signal input from DIR IC
100	XSTATE	I	Xstate signal input from DIR IC

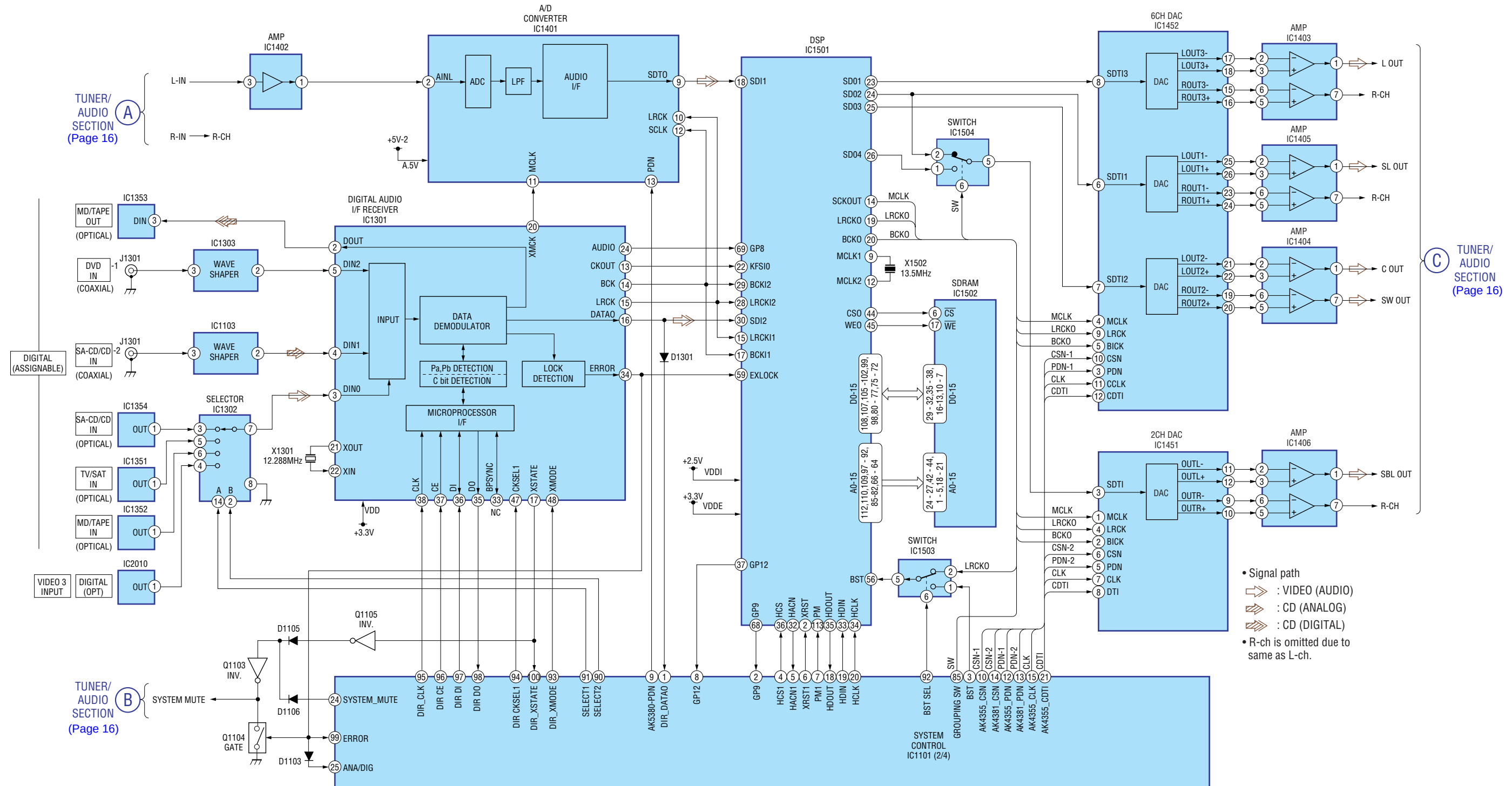
4-2. CIRCUIT BOARDS LOCATION



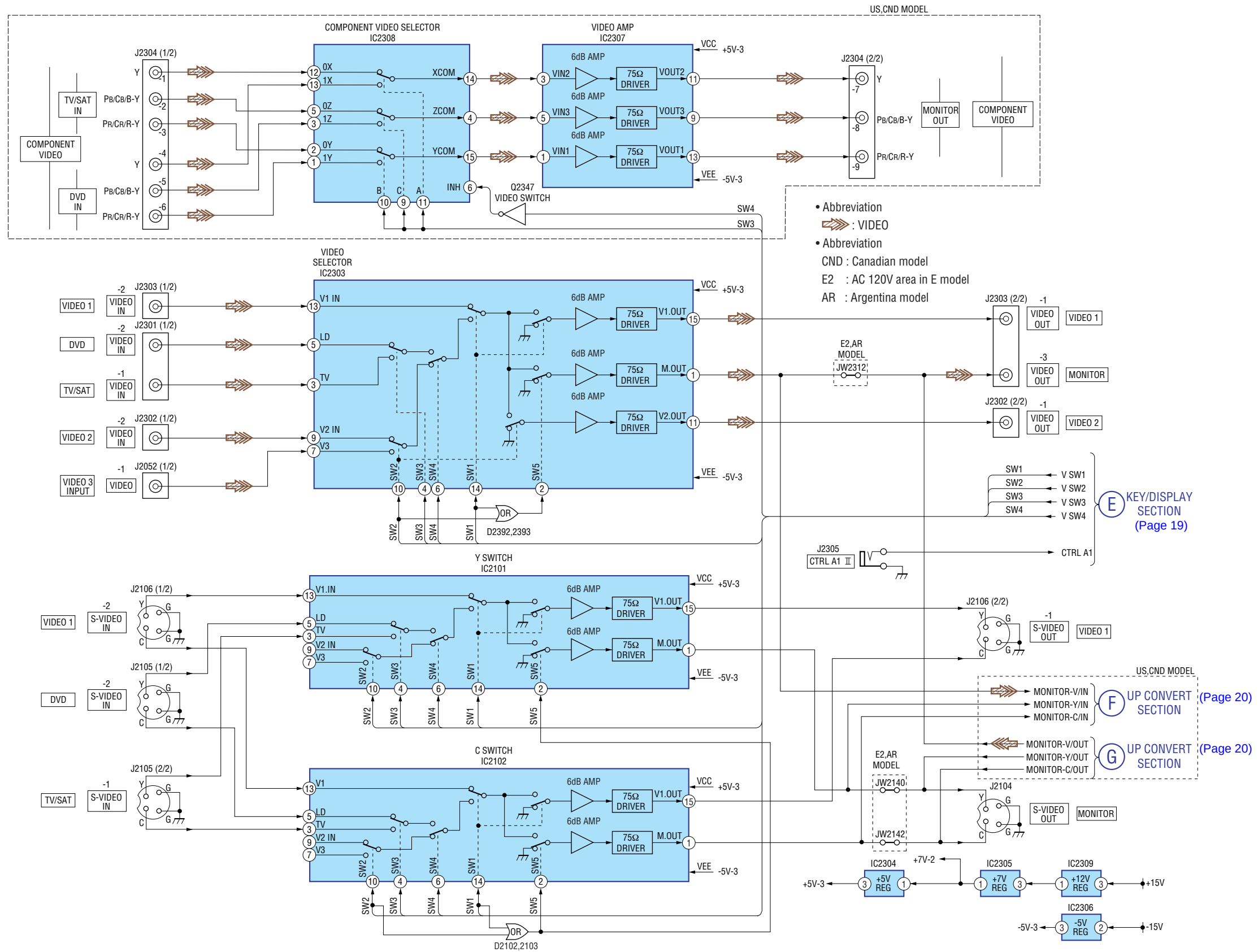
4-3. BLOCK DIAGRAM — TUNER/AUDIO SECTION —



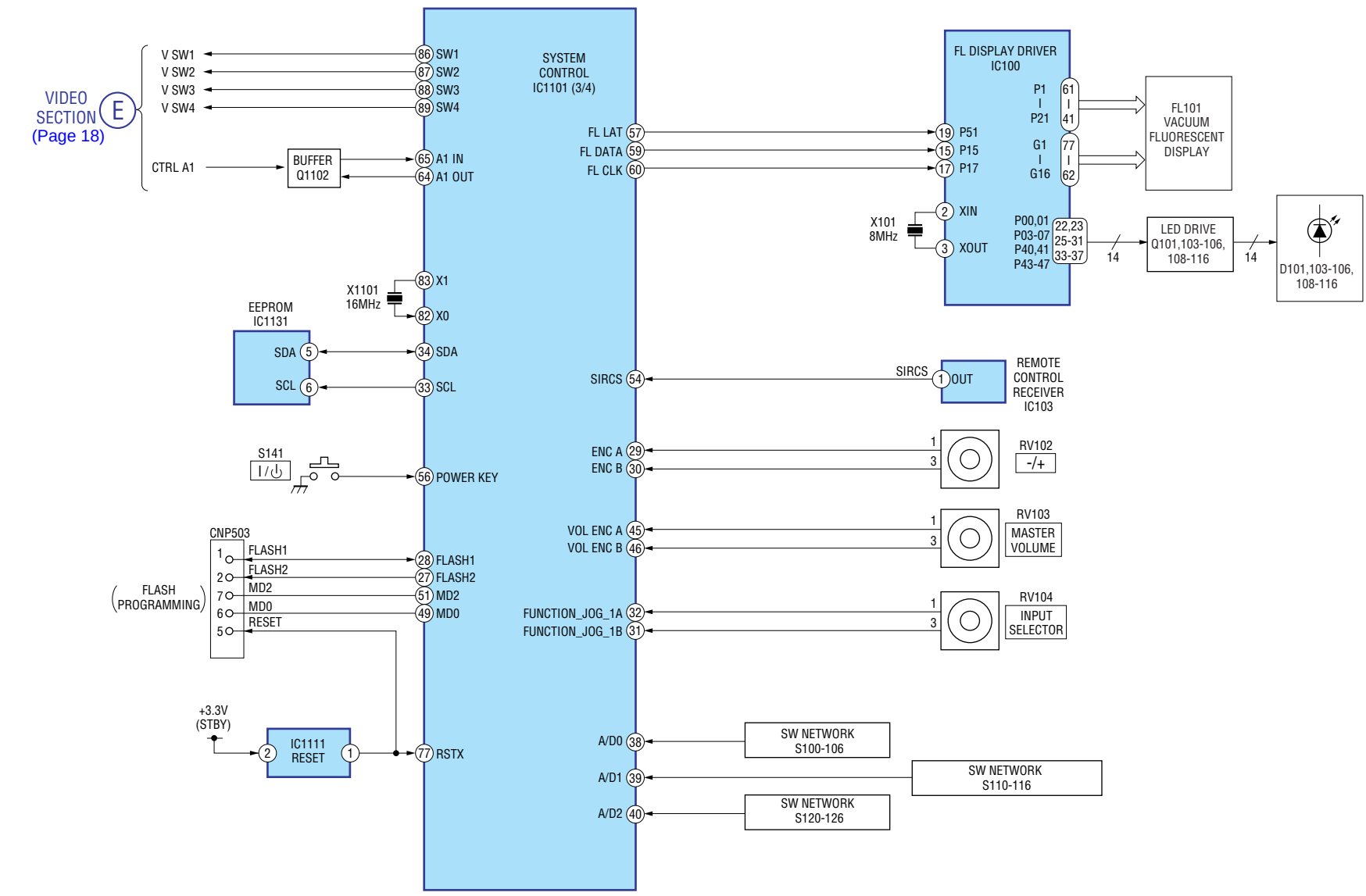
4-4. BLOCK DIAGRAM — DIGITAL SECTION —



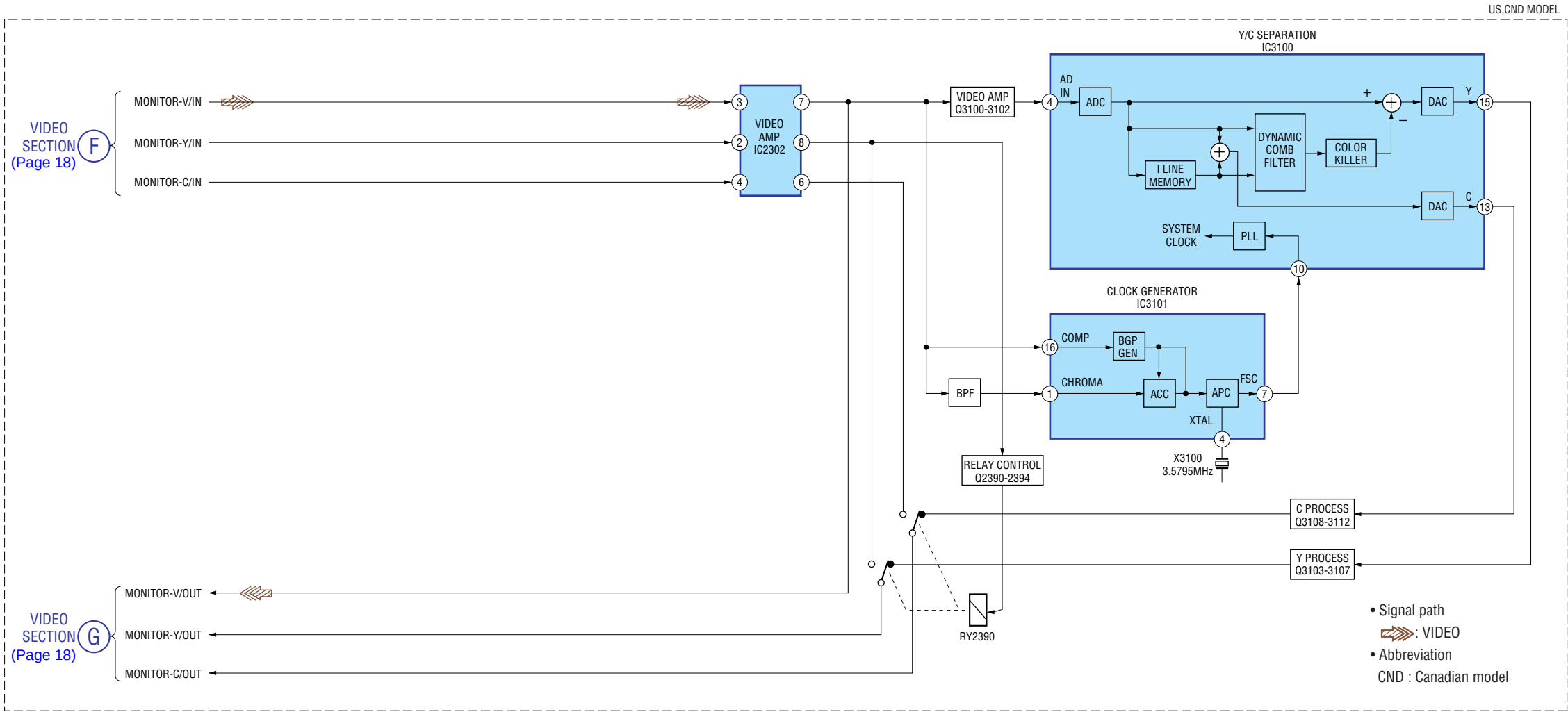
4-5. BLOCK DIAGRAM — VIDEO SECTION —



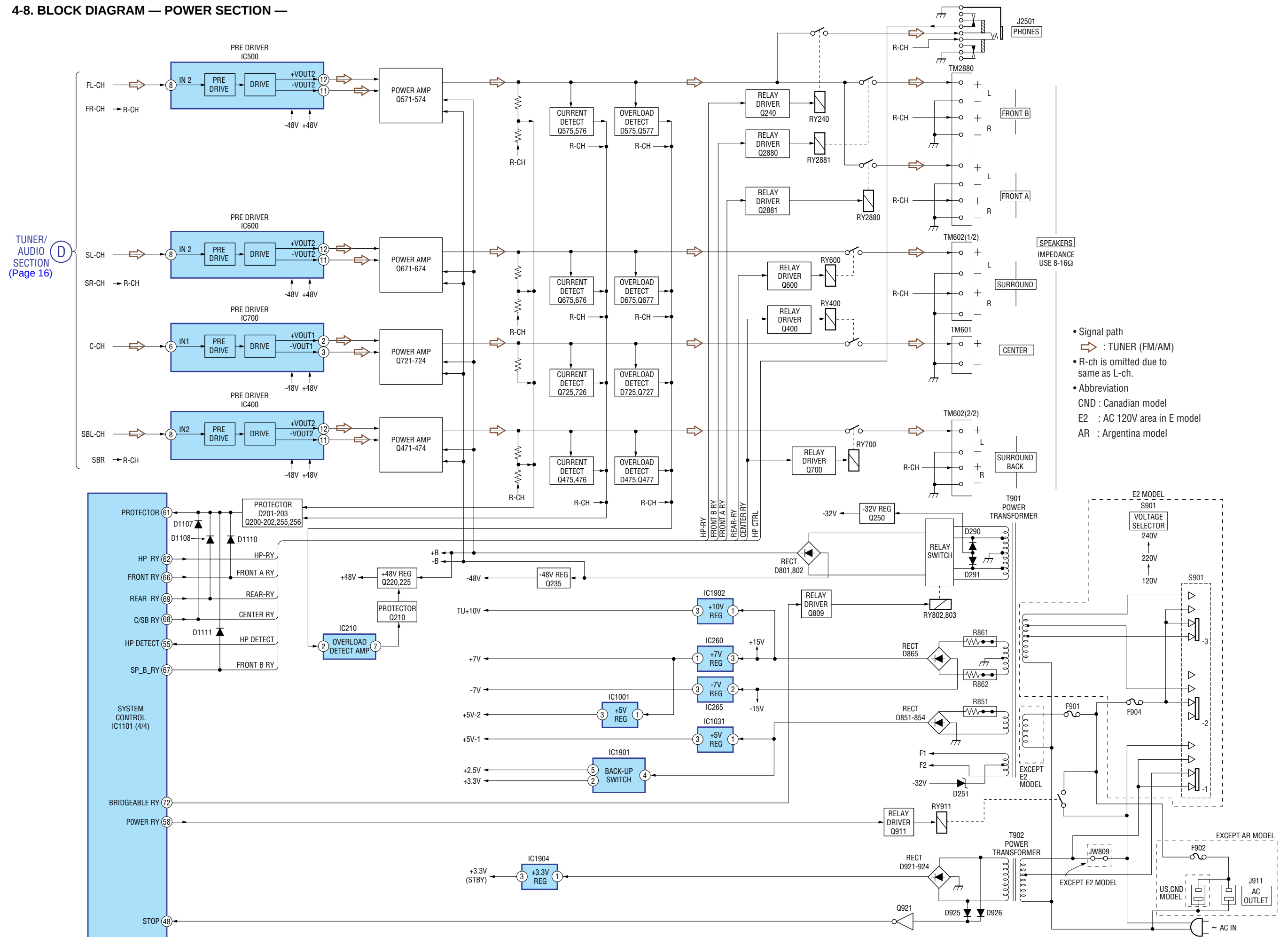
4-6. BLOCK DIAGRAM — KEY/DISPLAY SECTION —



4-7. BLOCK DIAGRAM — UP CONVERT SECTION (US, Canadian MODEL) —



4-8. BLOCK DIAGRAM — 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. pF : $\mu\mu\text{F}$ 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.

Note:
Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

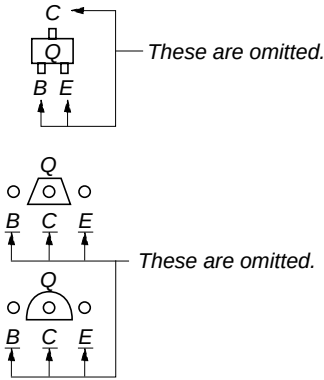
-  : B+ Line.
-  : B- Line.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
no mark : FM
- Voltages are taken with a VOM (Input impedance 10 $\text{M}\Omega$).
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
 : TUNER (FM/AM)
 : VIDEO (AUDIO)
 : VIDEO
 : CD (ANALOG)
 : CD (DIGITAL)
- Abbreviation
CND : Canadian model.
E2 : AC 120 V area in E model.
AR : Argentina model.

for printed wiring boards:

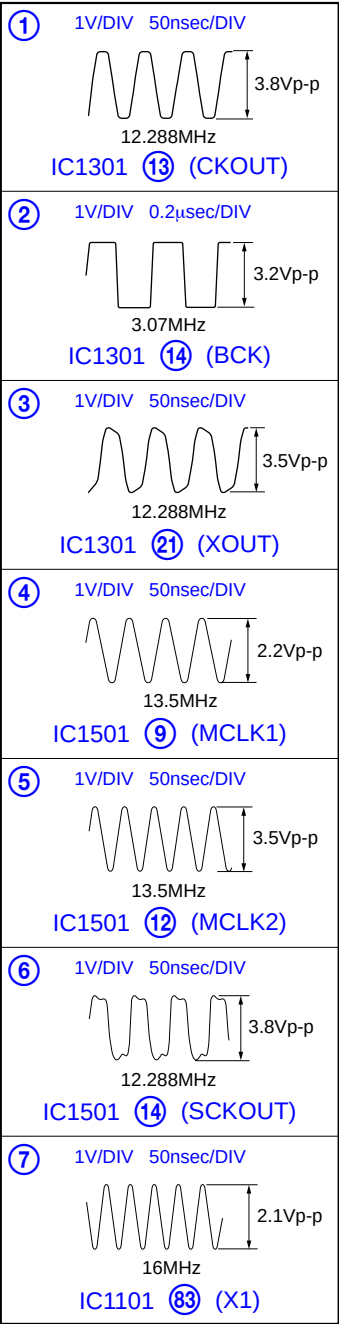
-  : parts extracted from the component side.
- $\triangle$: internal component.
-  : Pattern from the side which enables seeing.

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.

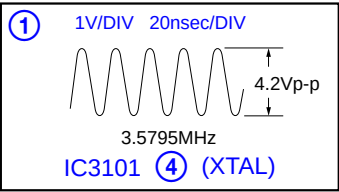
- Abbreviation
CND : Canadian model.
E2 : AC 120 V area in E model.
AR : Argentina model.



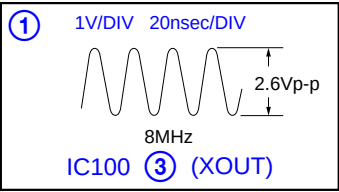
• Waveforms (DIGITAL Board)

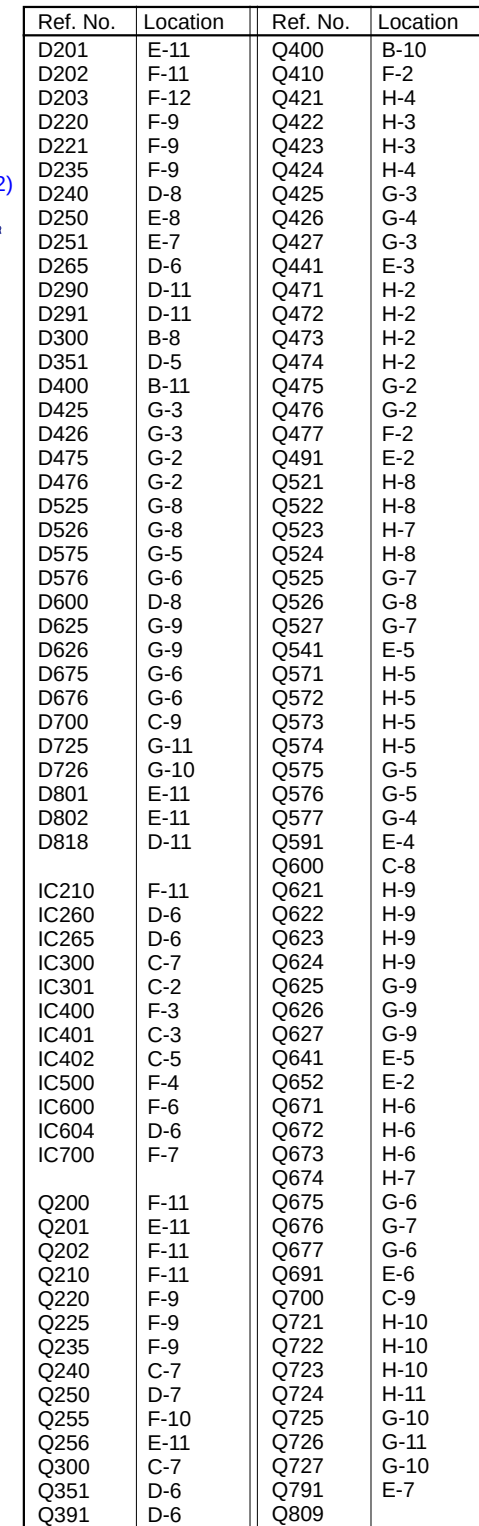


• Waveform (UP CONVERT Board)
(US, Canadian model only)

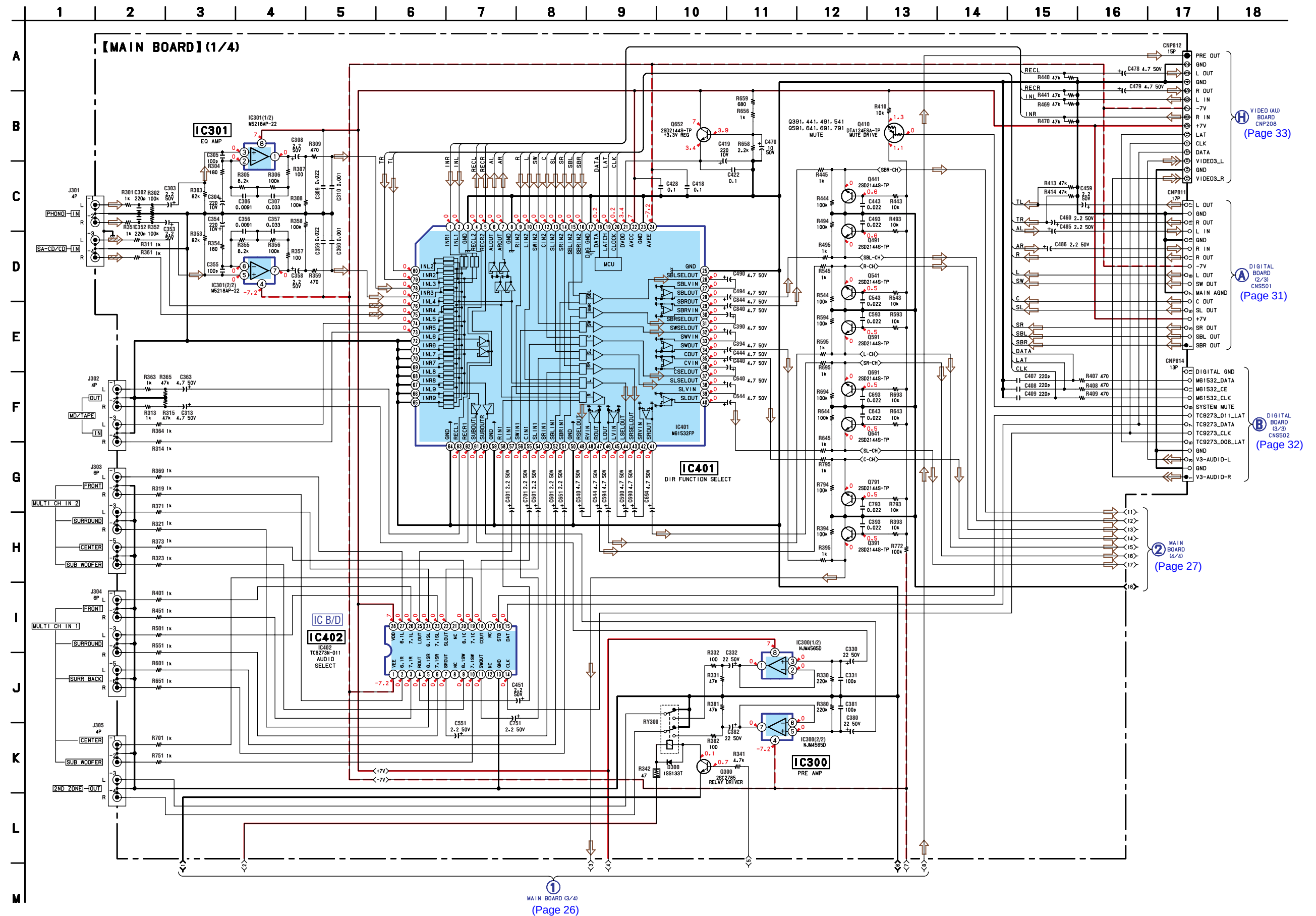


• Waveform (DISPLAY Board)

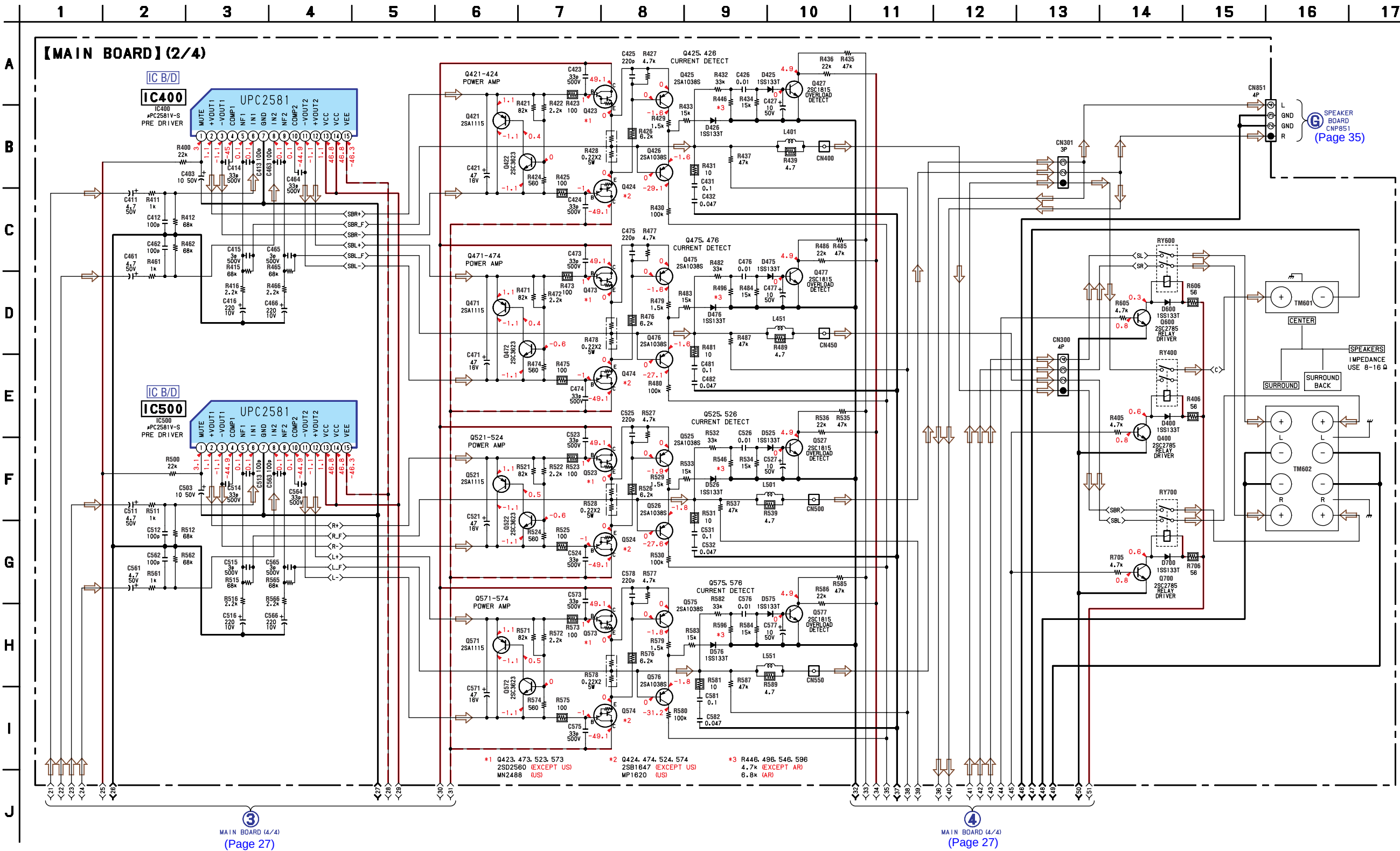




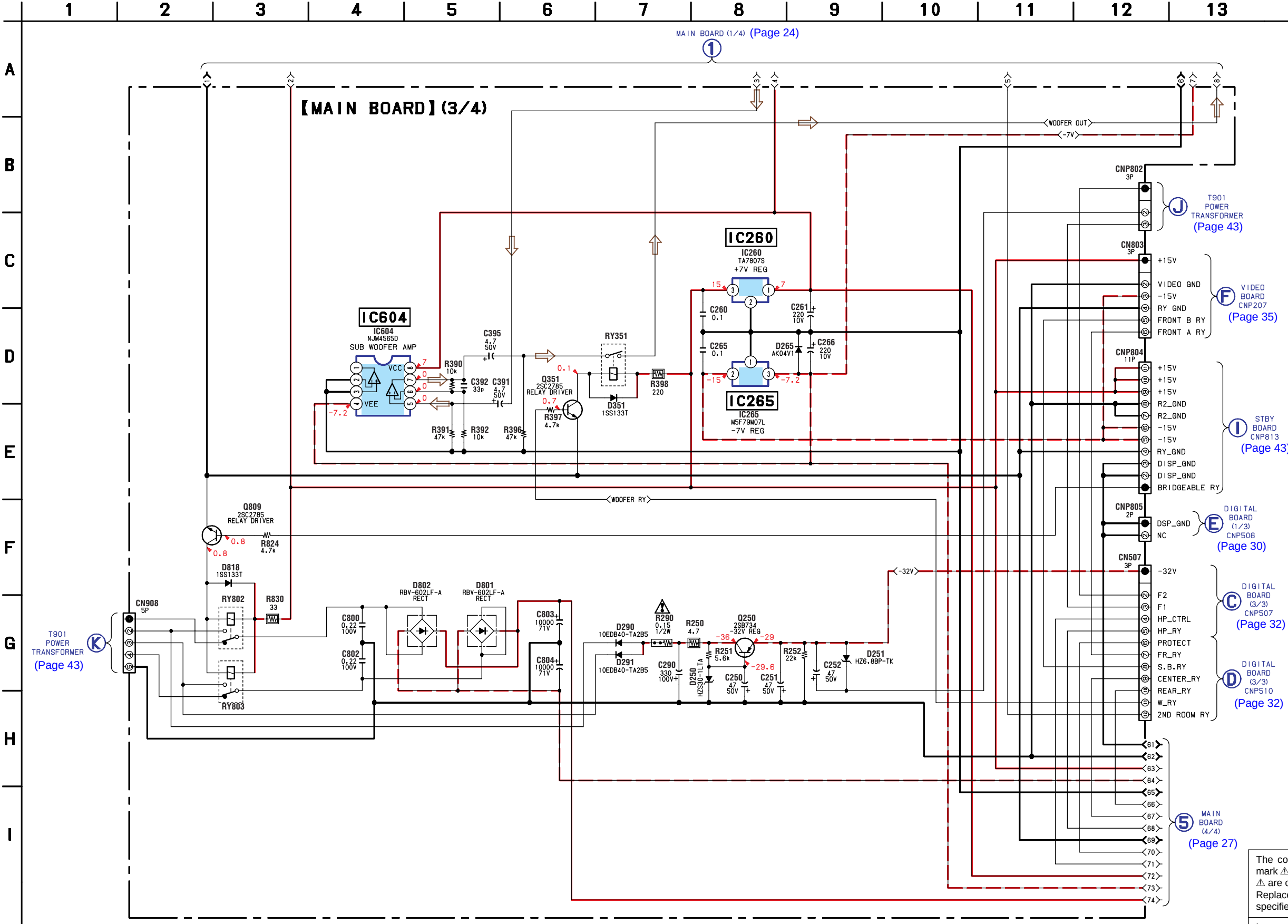
4-10. SCHEMATIC DIAGRAM — MAIN SECTION (1/4) — • Refer to page 22 for Common Note on Schematic Diagram and page 44 for IC Block Diagrams.



4-11. SCHEMATIC DIAGRAM — MAIN SECTION (2/4) — • Refer to page 22 for Common Note on Schematic Diagram and page 44 for IC Block Diagrams.



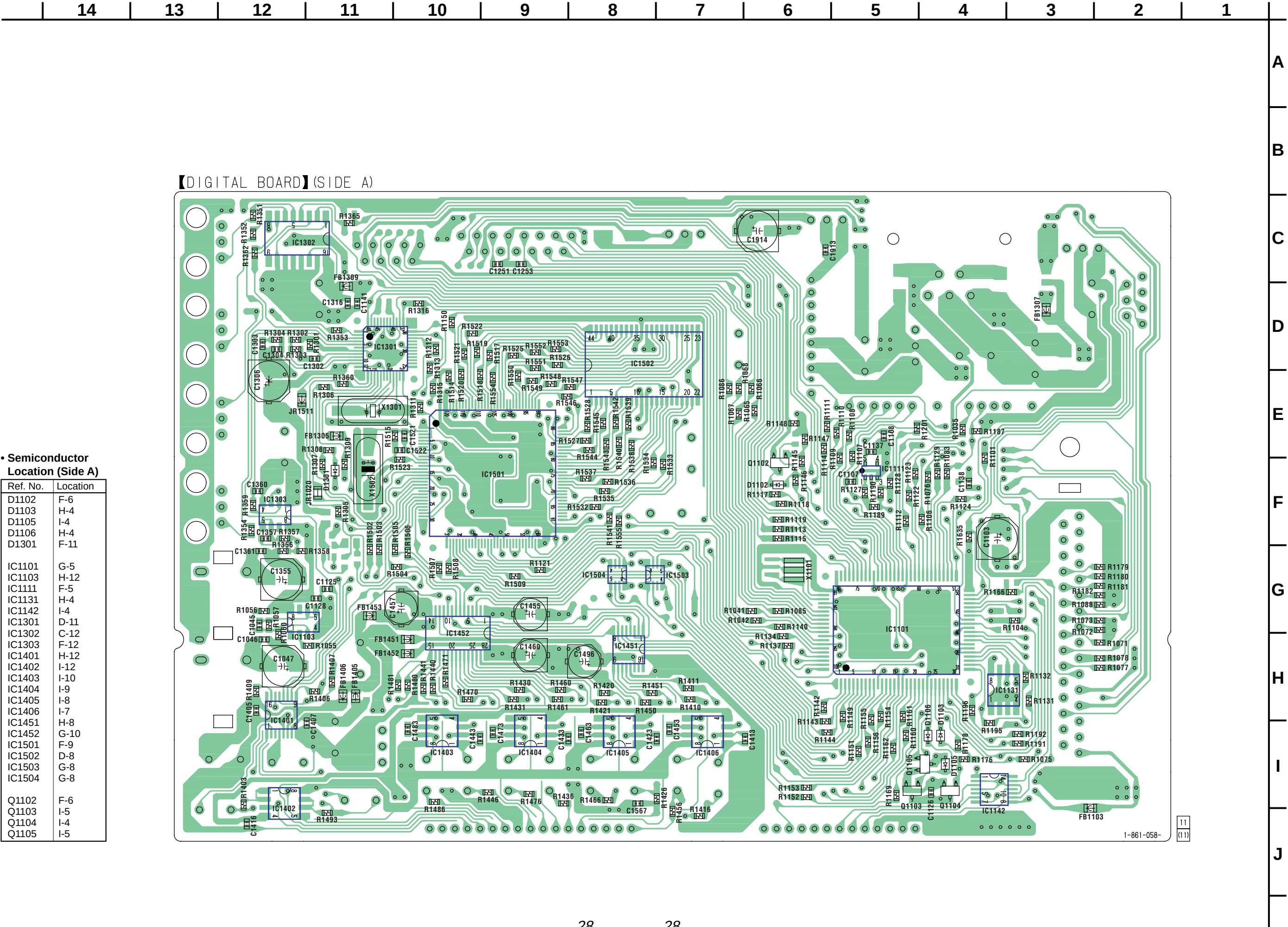
4-12. SCHEMATIC DIAGRAM — MAIN SECTION (3/4) — • Refer to page 22 for Common Note on Schematic Diagram.



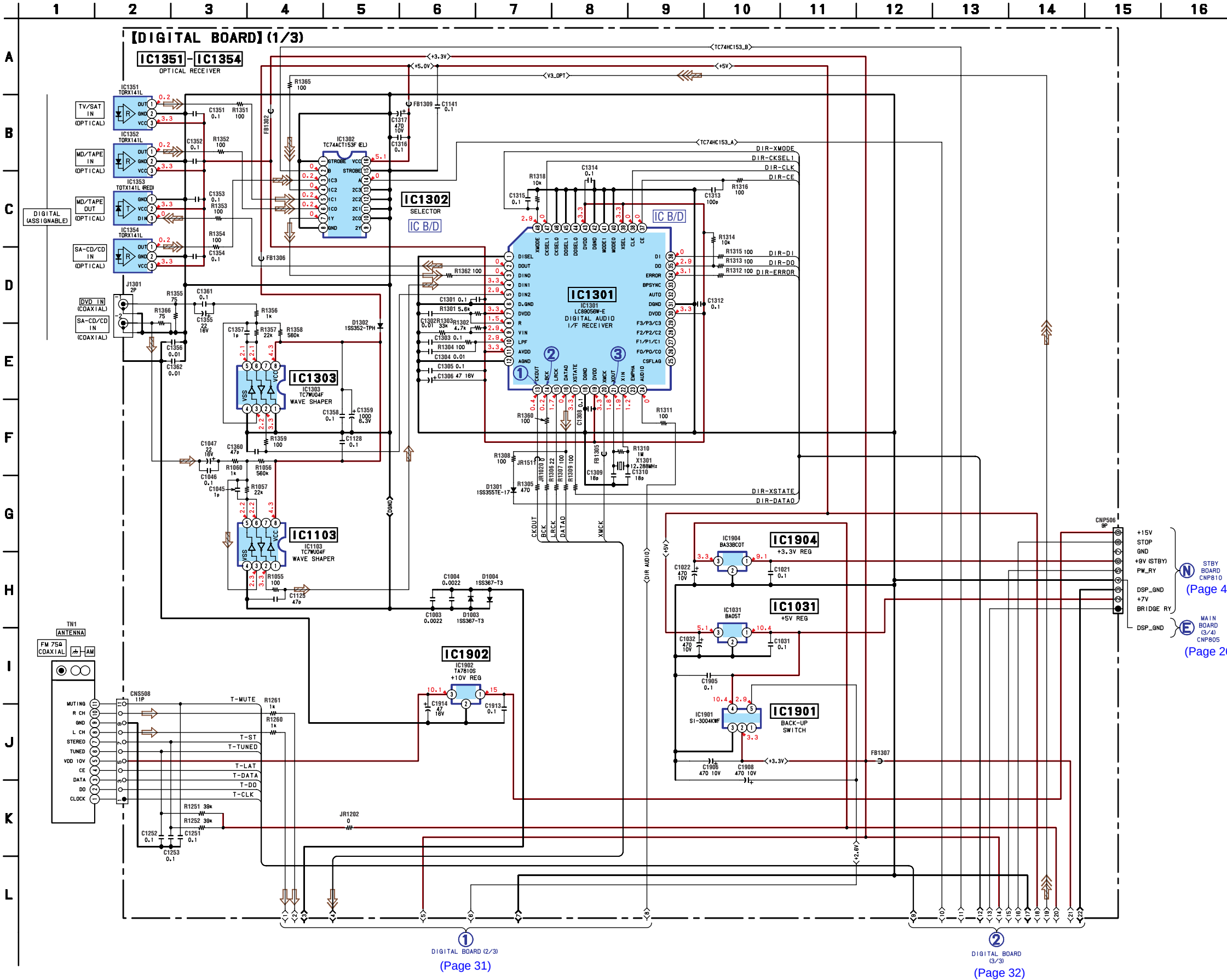
The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

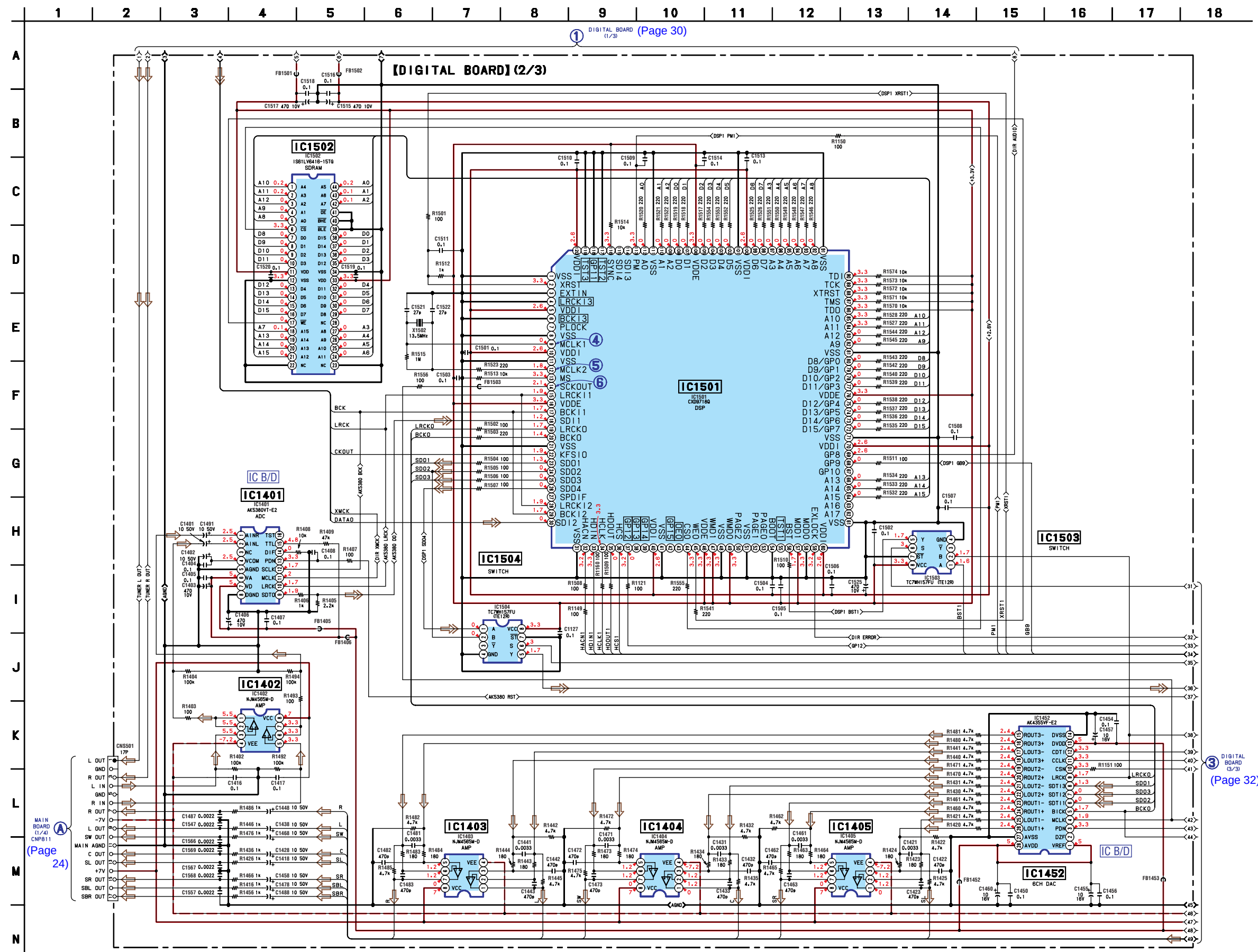
4-14. PRINTED WIRING BOARD — DIGITAL SECTION (1/2) — • Refer to page 22 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.



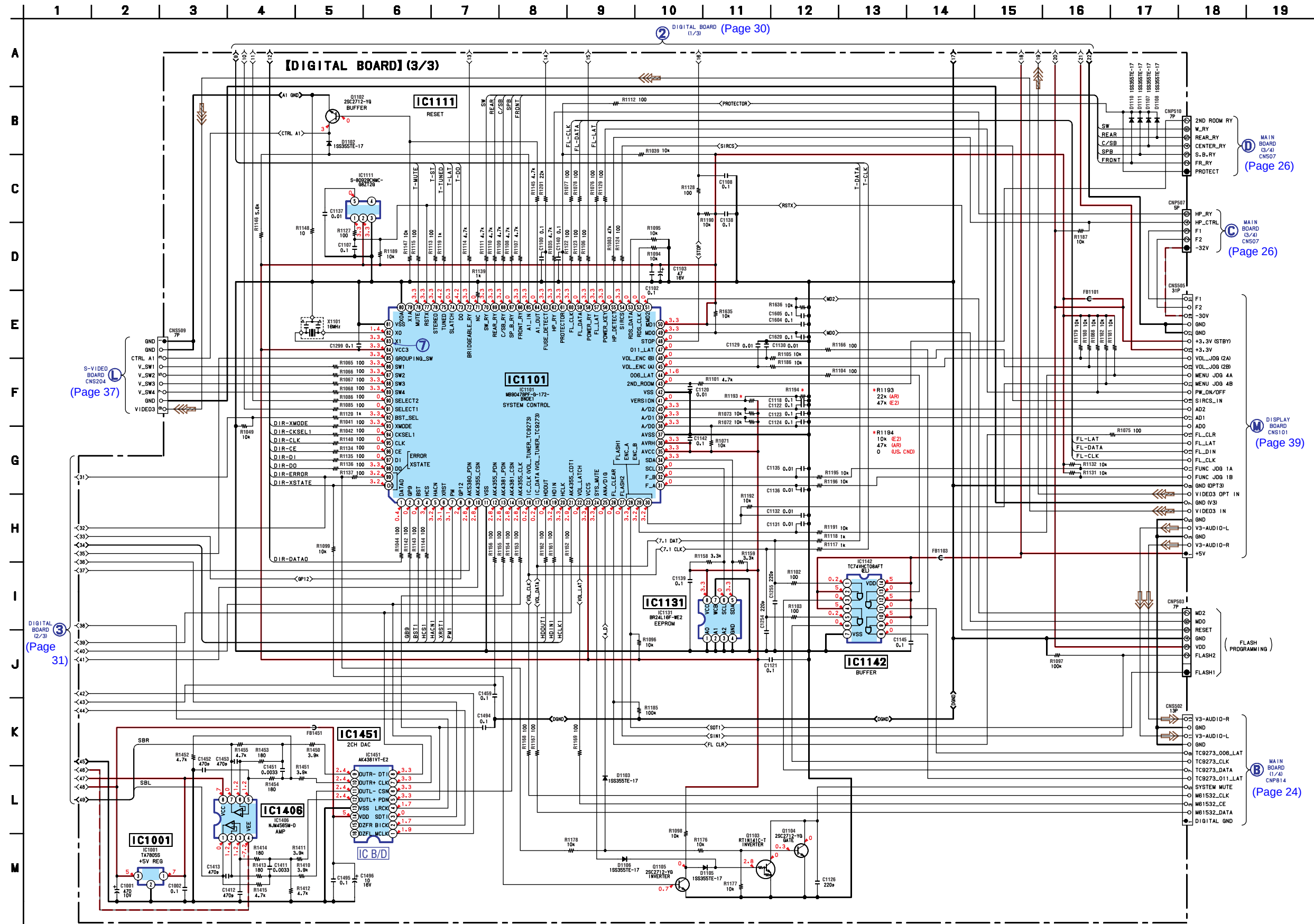
4-16. SCHEMATIC DIAGRAM — DIGITAL SECTION (1/3) — • Refer to page 22 for Common Note on Schematic Diagram and Waveforms and page 44 for IC Block Diagrams.



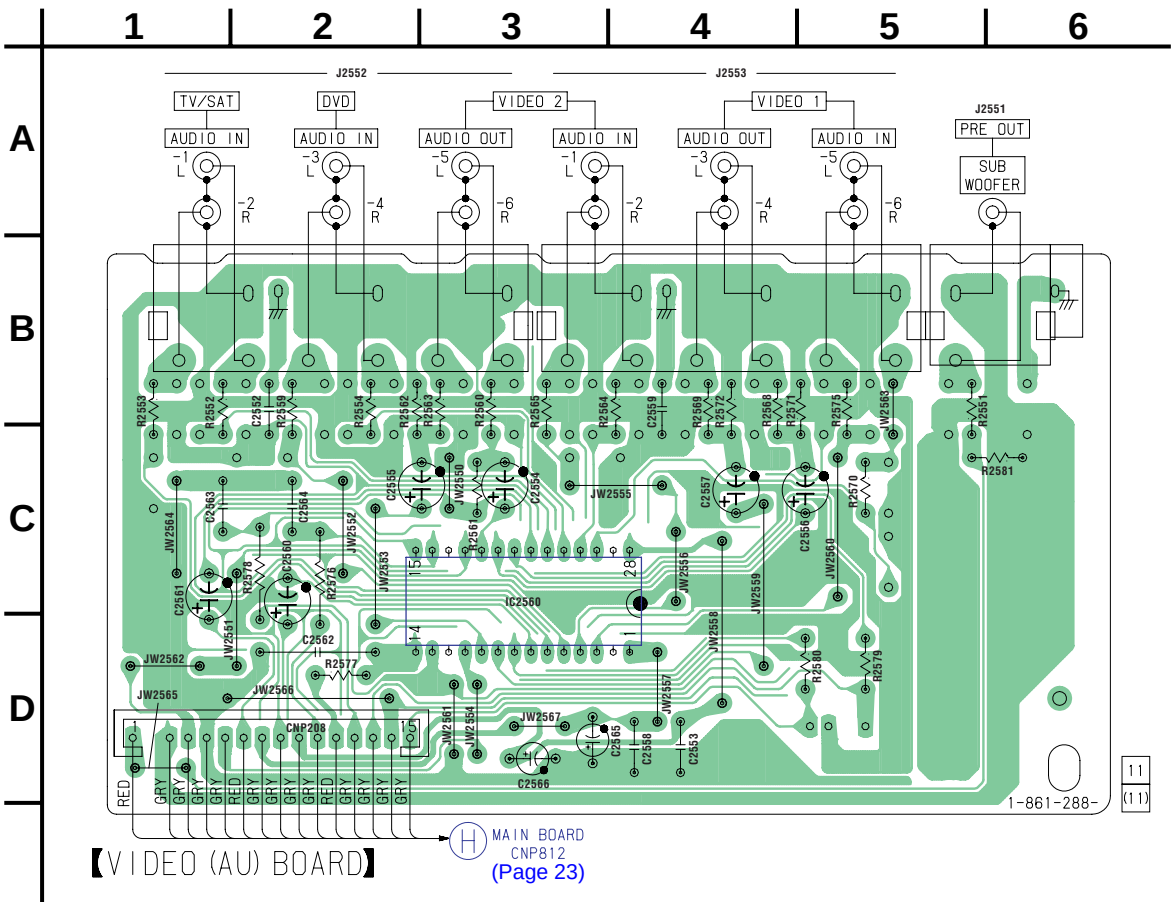
4-17. SCHEMATIC DIAGRAM — DIGITAL SECTION (2/3) — • Refer to page 22 for Common Note on Schematic Diagram and Waveforms and page 44 for IC Block Diagrams.



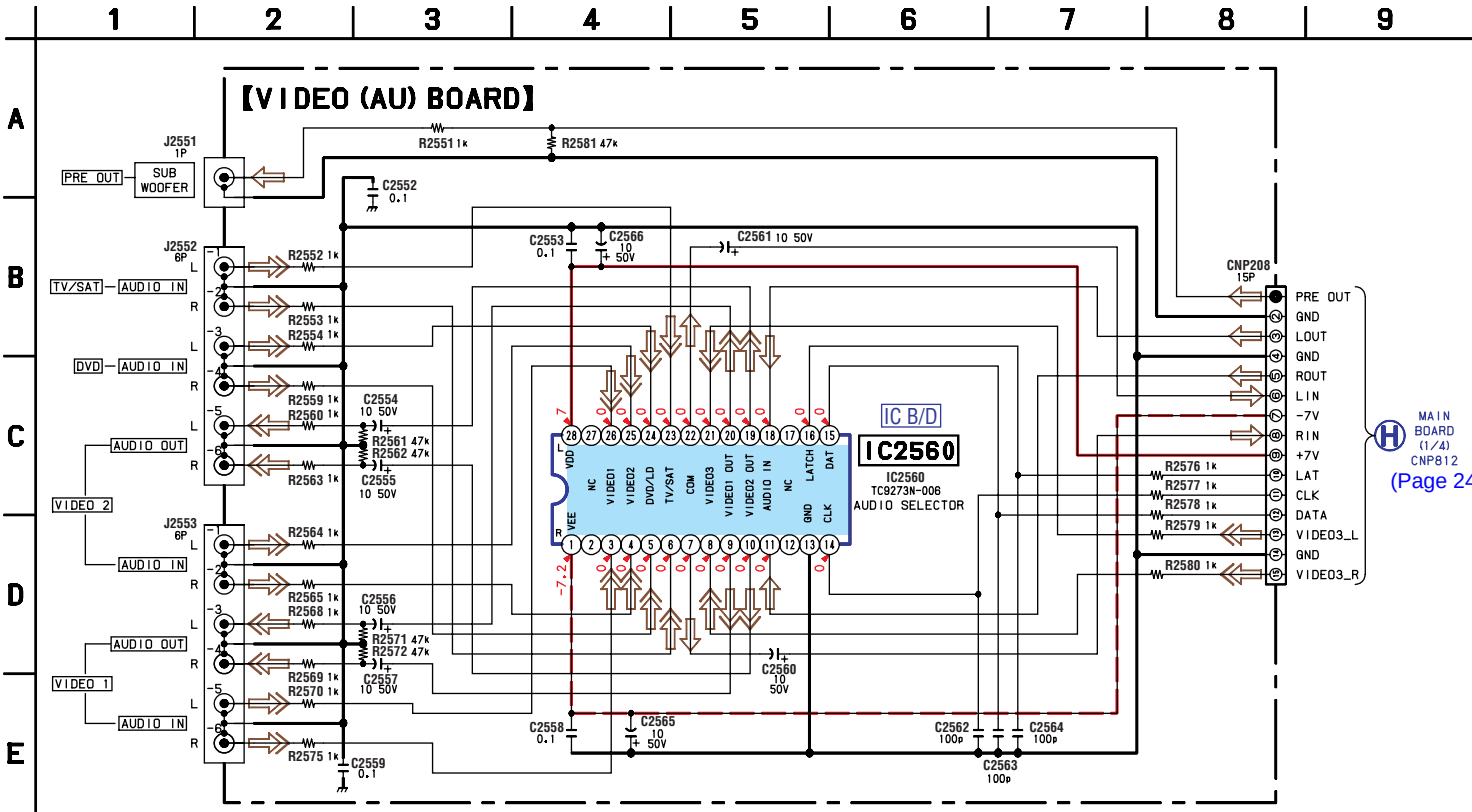
4-18. SCHEMATIC DIAGRAM — DIGITAL SECTION (3/3) — • Refer to page 22 for Common Note on Schematic Diagram and Waveforms and page 45 for IC Block Diagrams.



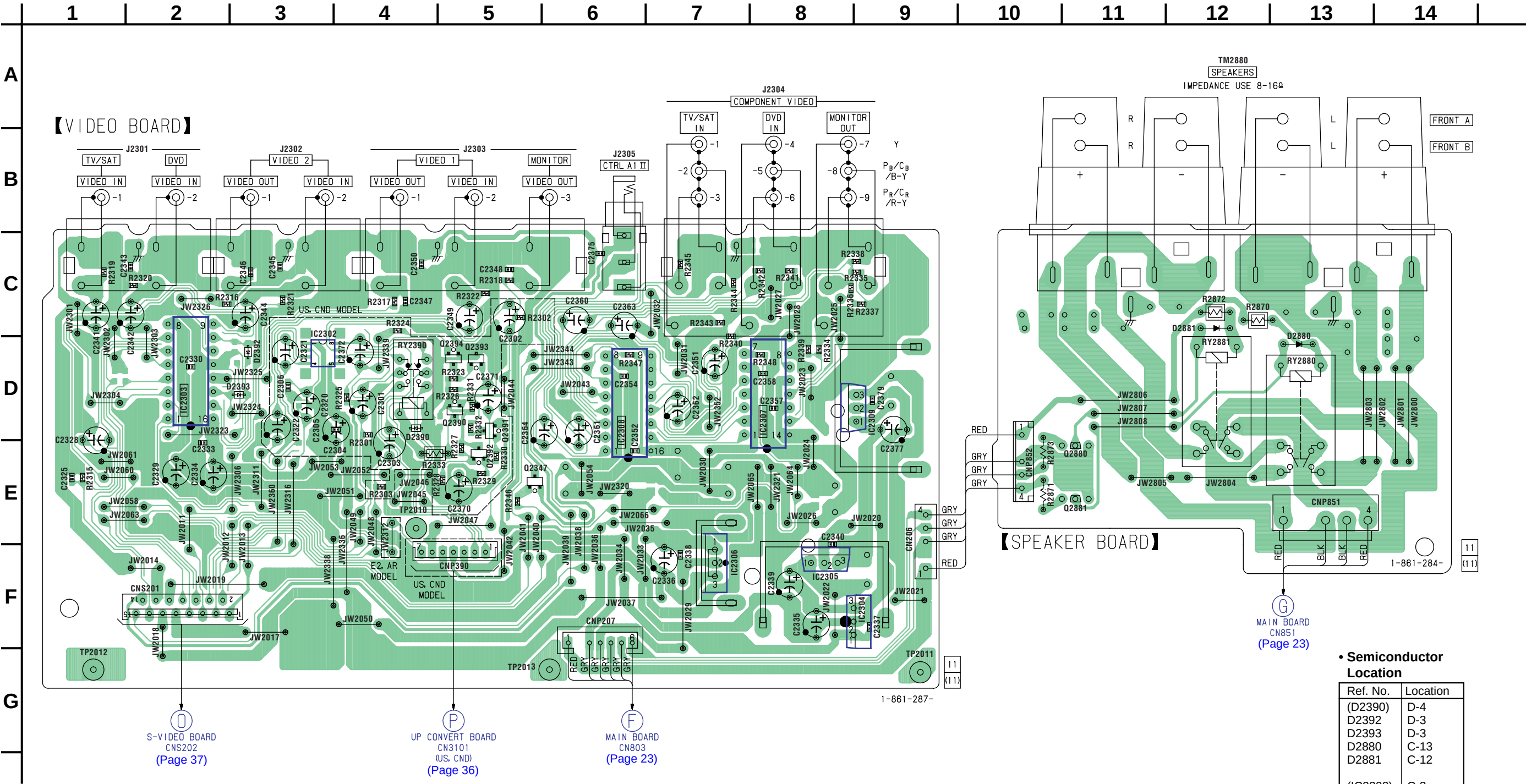
4-19. PRINTED WIRING BOARD — AUDIO SECTION — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.



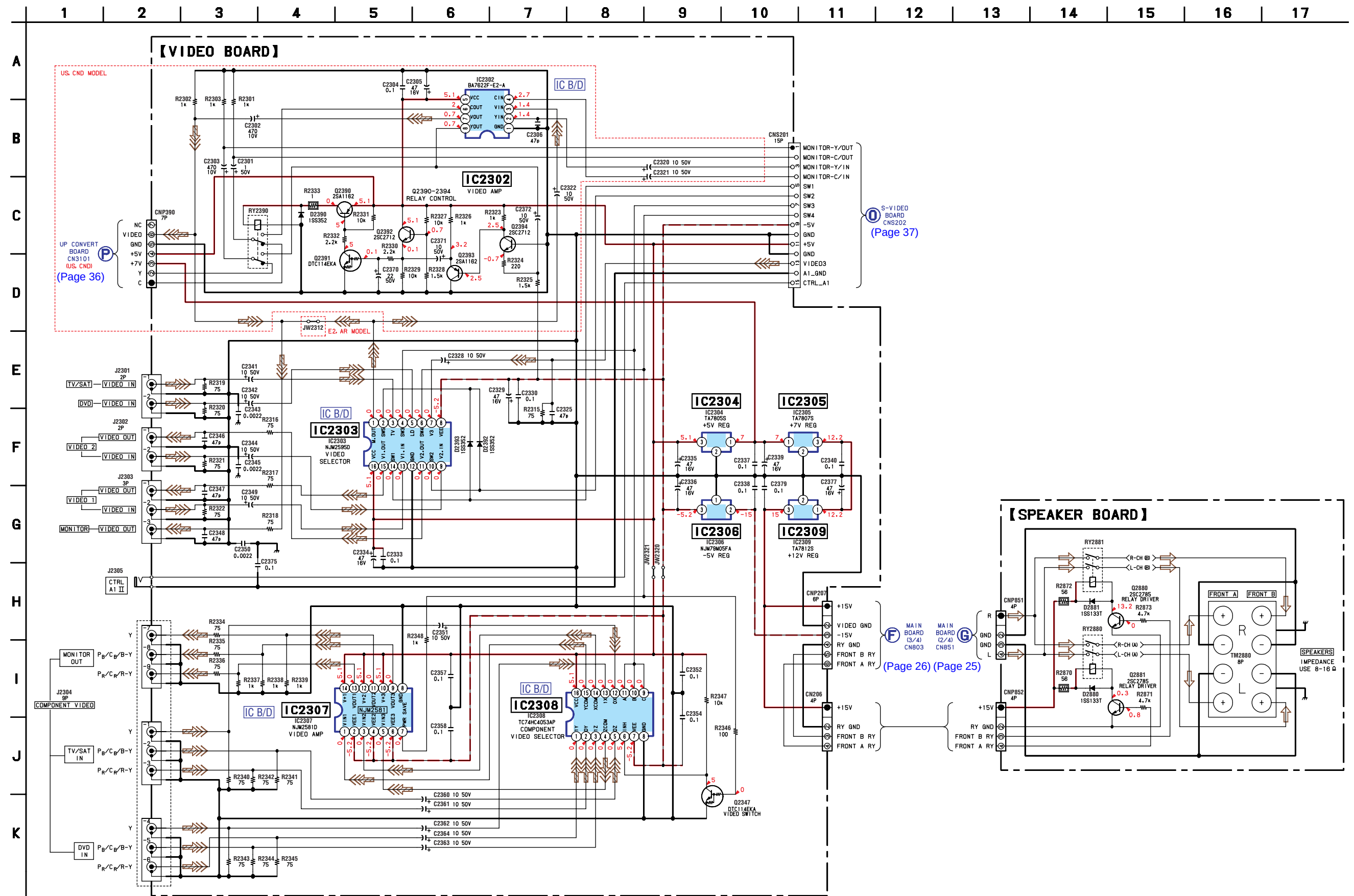
4-20. SCHEMATIC DIAGRAM — AUDIO SECTION — • Refer to page 22 for Common Note on Schematic Diagram and page 45 for IC Block Diagrams.



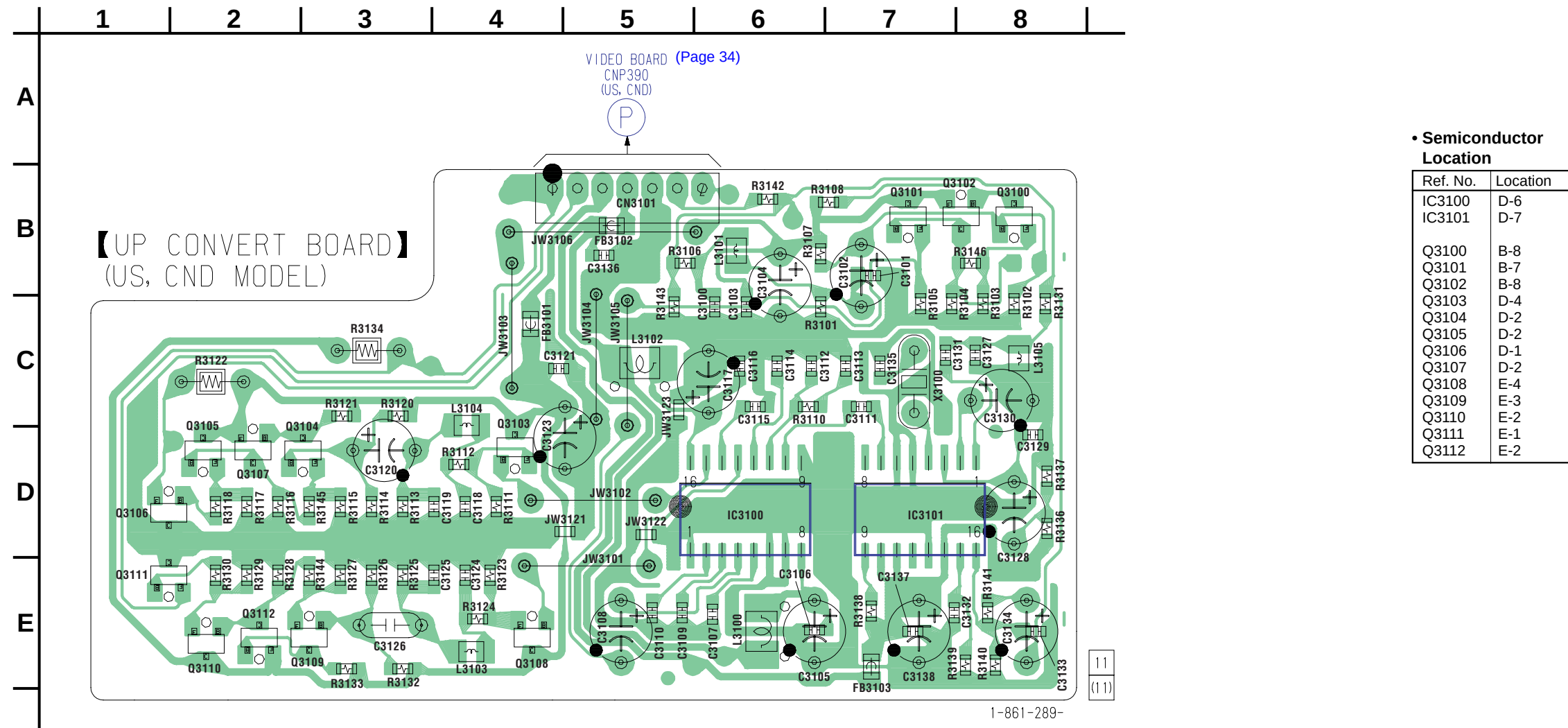
4-21. PRINTED WIRING BOARDS — VIDEO SECTION — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.



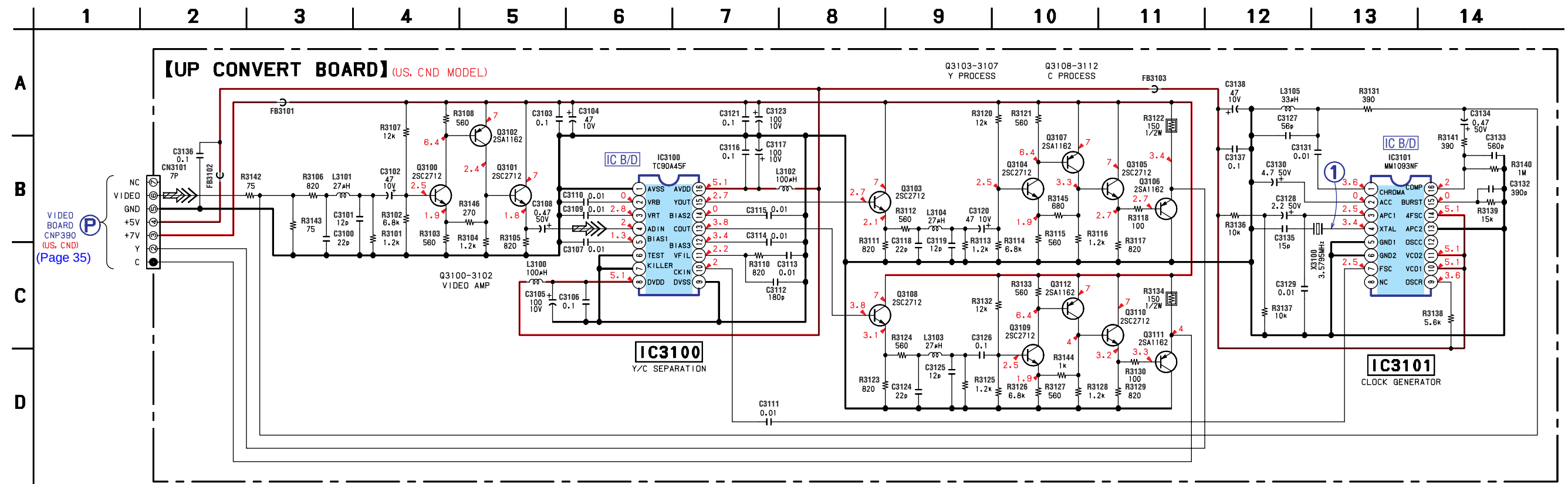
4-22. SCHEMATIC DIAGRAM — VIDEO SECTION — • Refer to page 22 for Common Note on Schematic Diagram and Waveforms and page 46 for IC Block Diagrams.



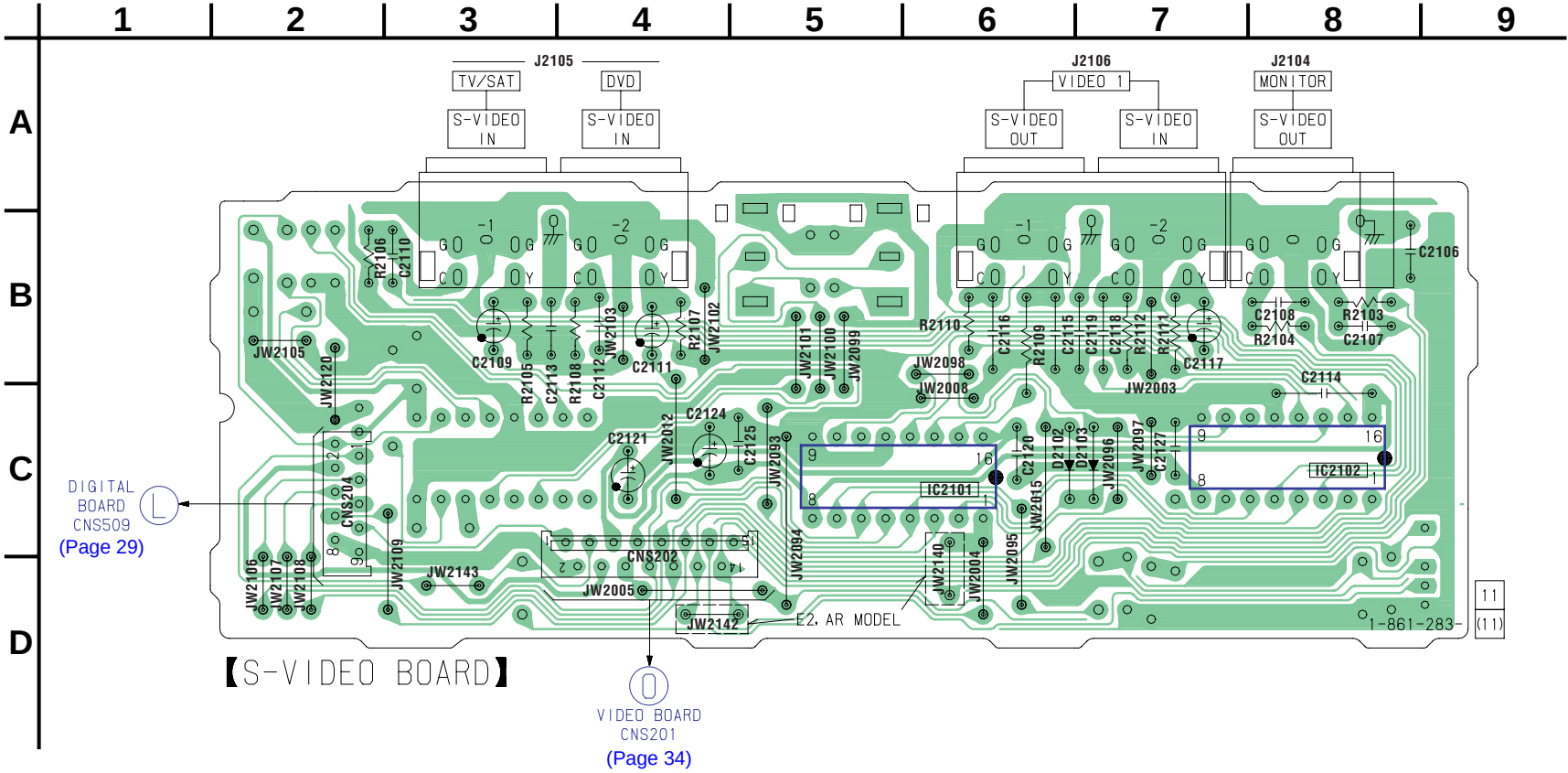
4-23. PRINTED WIRING BOARD — UP CONVERT SECTION (US, Canadian MODEL) — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.



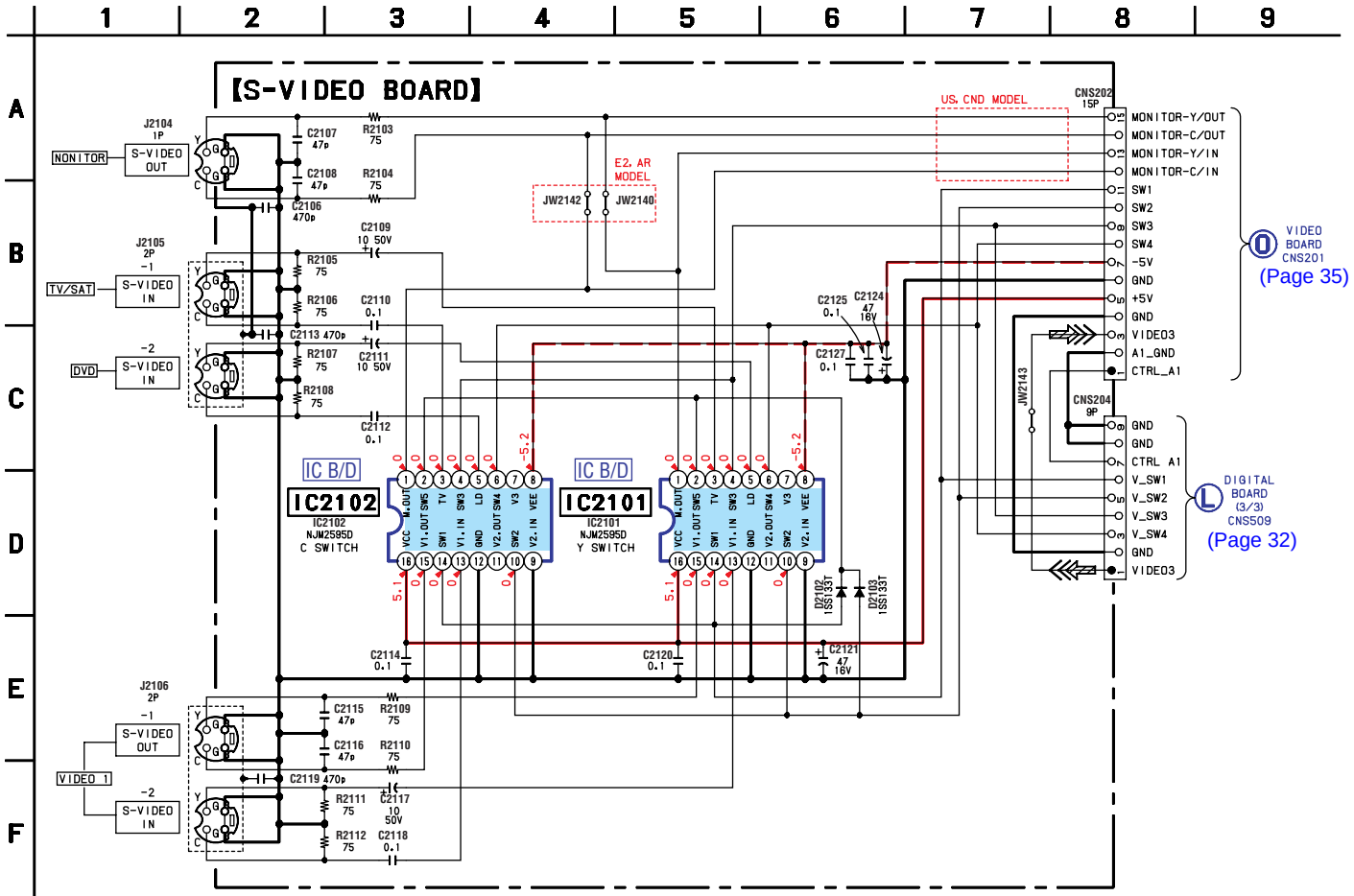
4-24. SCHEMATIC DIAGRAM — UP CONVERT SECTION (US, Canadian MODEL) — • Refer to page 22 for Common Note on Schematic Diagram and Waveform and page 48 for IC Block Diagrams.



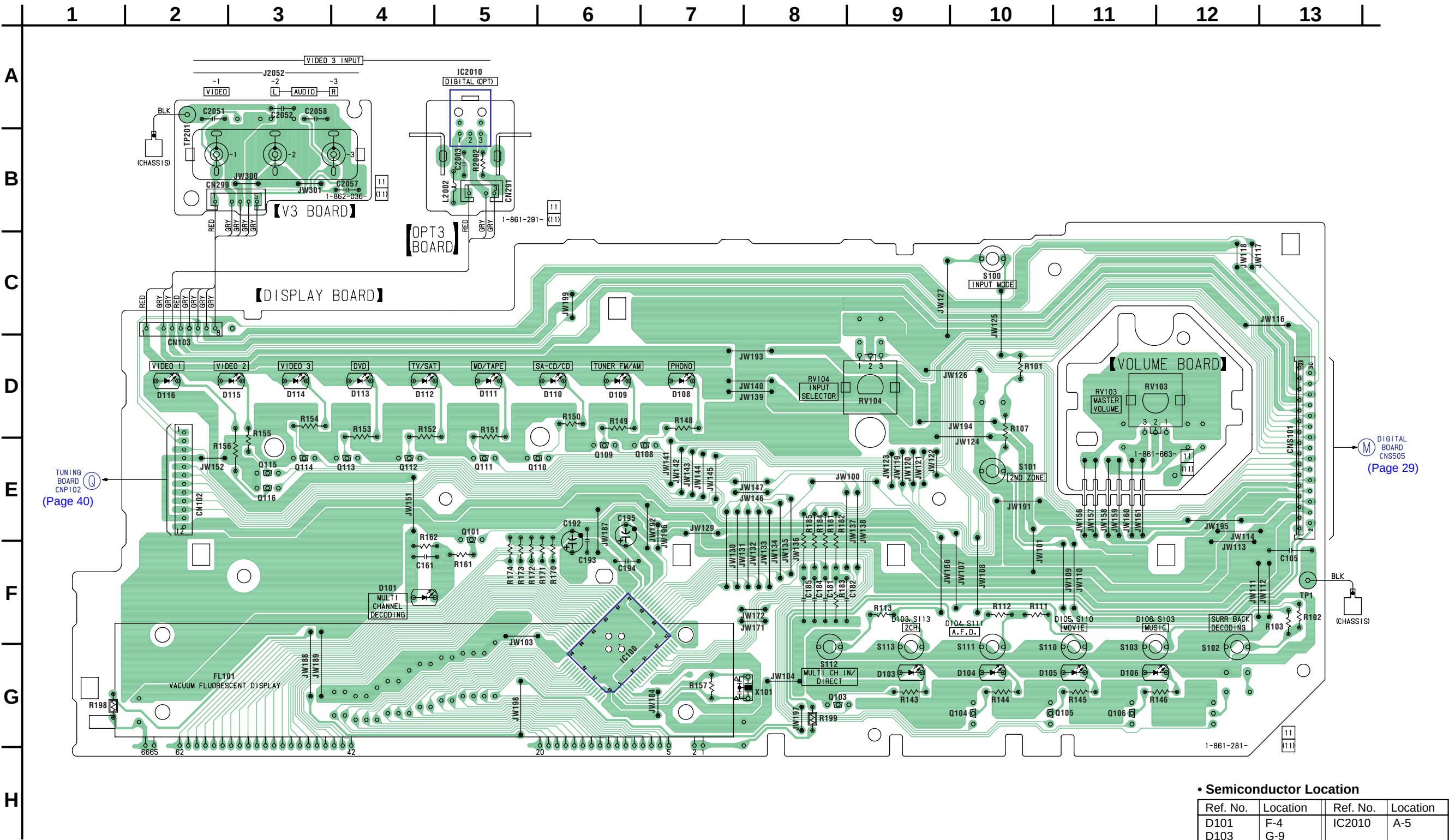
4-25. PRINTED WIRING BOARD — S-VIDEO SECTION — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.



4-26. SCHEMATIC DIAGRAM — S-VIDEO SECTION — • Refer to page 22 for Common Note on Schematic Diagram and page 46 for IC Block Diagrams.

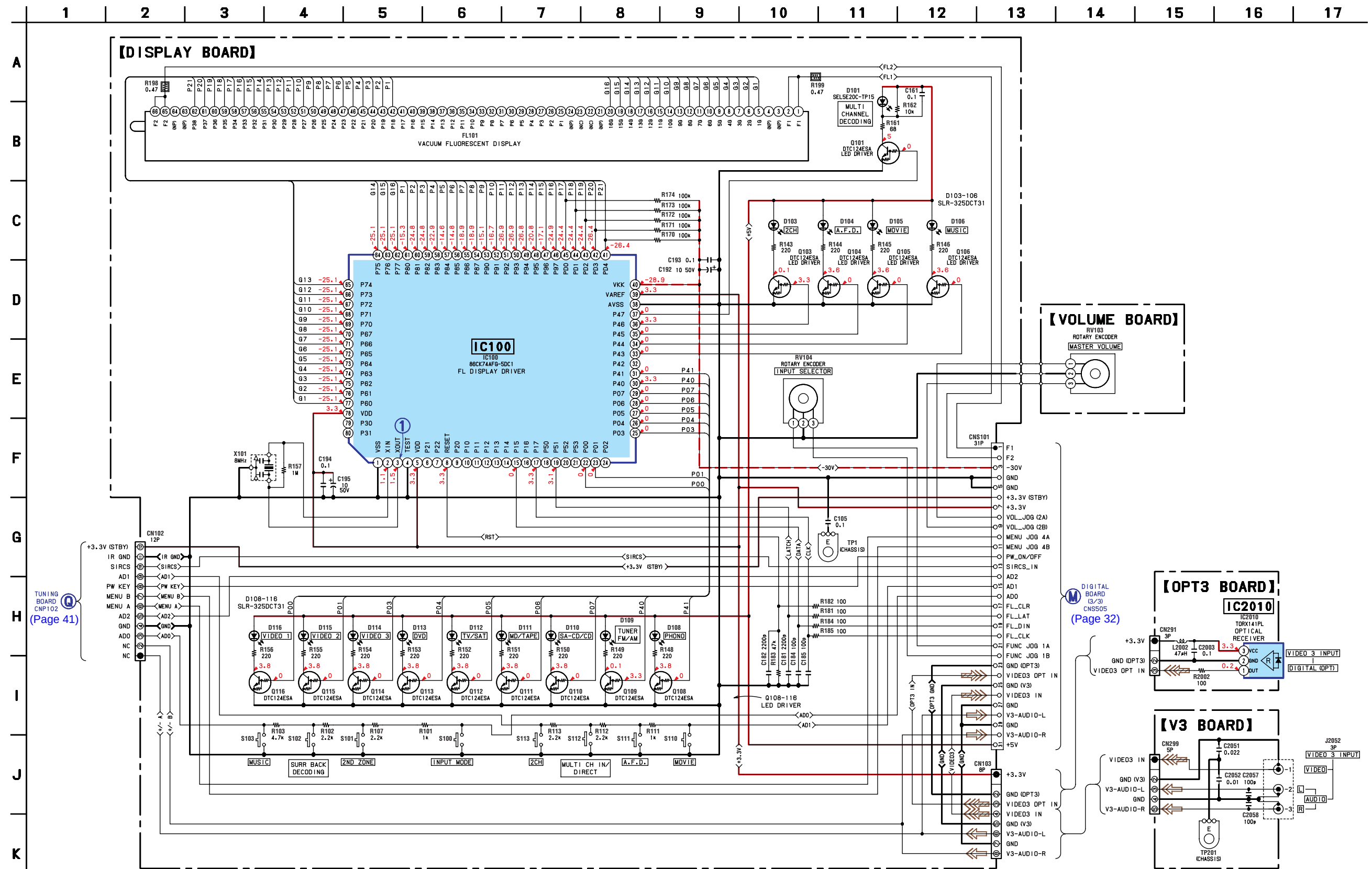


4-27. PRINTED WIRING BOARDS — PANEL SECTION (1/2) — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.

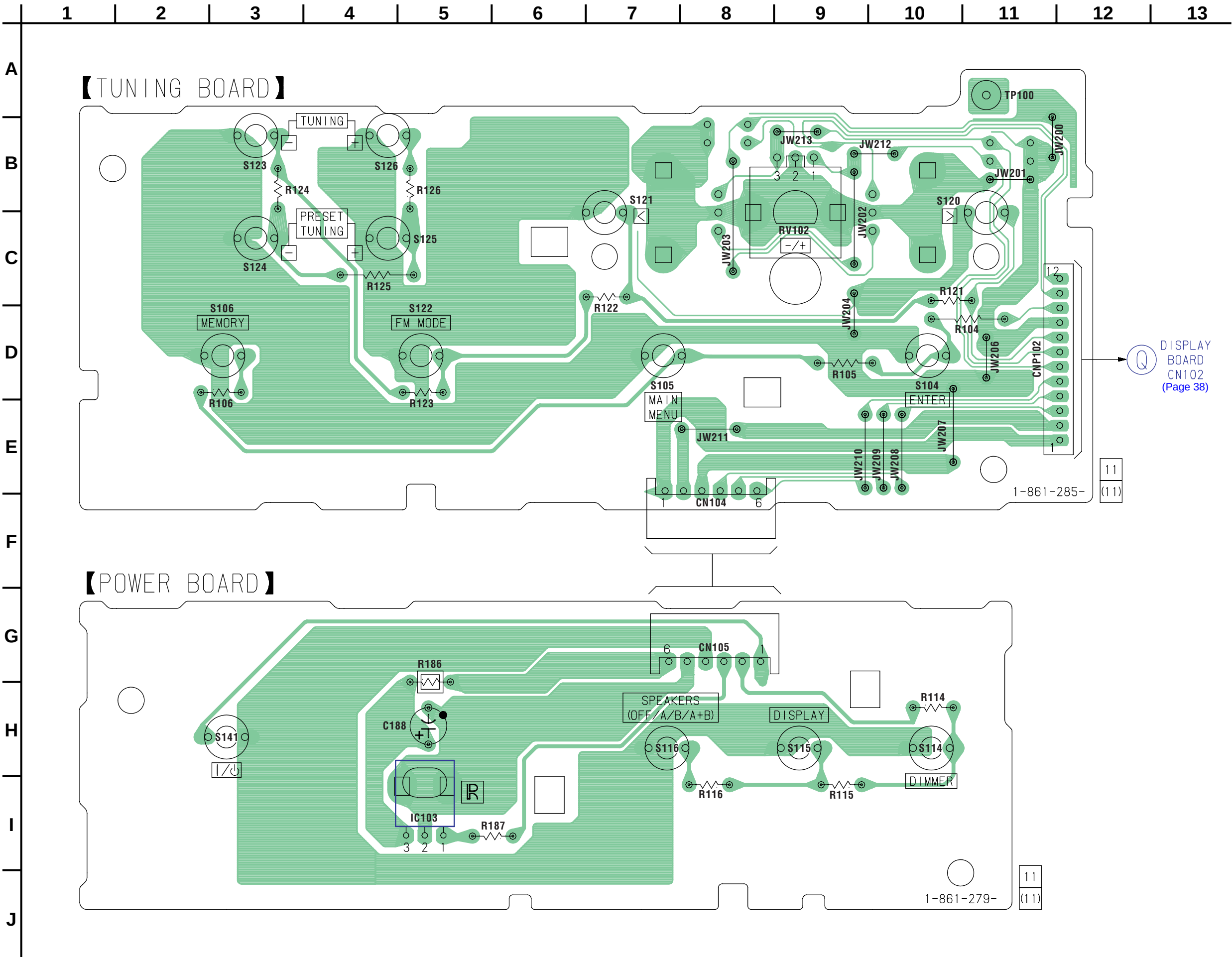


• Semiconductor Location			
Ref. No.	Location	Ref. No.	Location
D101	F-4	IC2010	A-5
D103	G-9		
D104	G-10	Q101	E-5
D105	G-10	Q103	G-8
D106	G-11	Q104	G-10
D108	D-7	Q105	G-10
D109	D-6	Q106	G-11
D110	D-6	Q108	E-7
D111	D-5	Q109	E-6
D112	D-4	Q110	E-6
D113	D-4	Q111	E-5
D114	D-3	Q112	E-4
D115	D-2	Q113	E-4
D116	D-2	Q114	E-3
		Q115	E-3
IC100	G-6	Q116	E-3

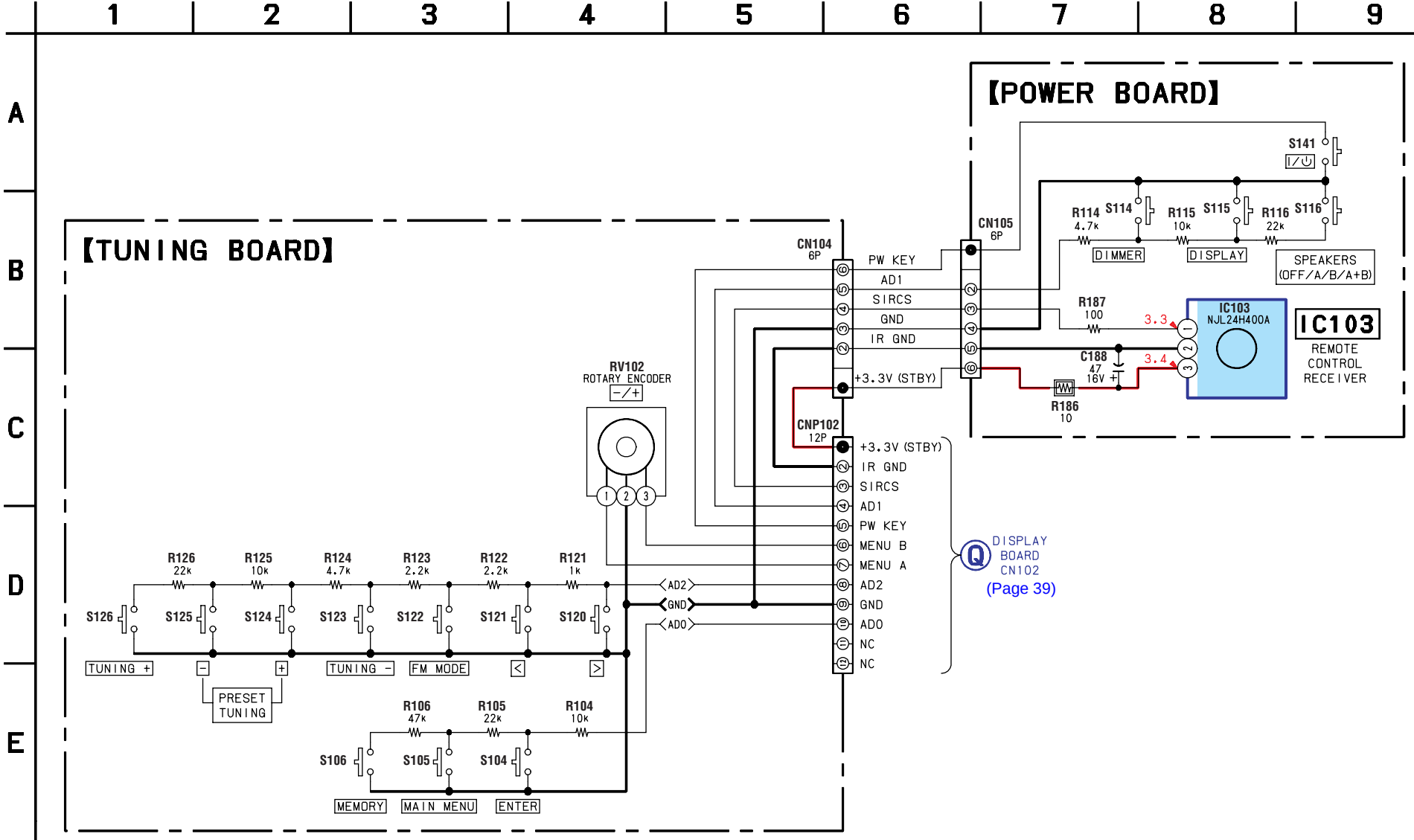
4-28. SCHEMATIC DIAGRAM — PANEL SECTION (1/2) — • Refer to page 22 for Common Note on Schematic Diagram and Waveform.



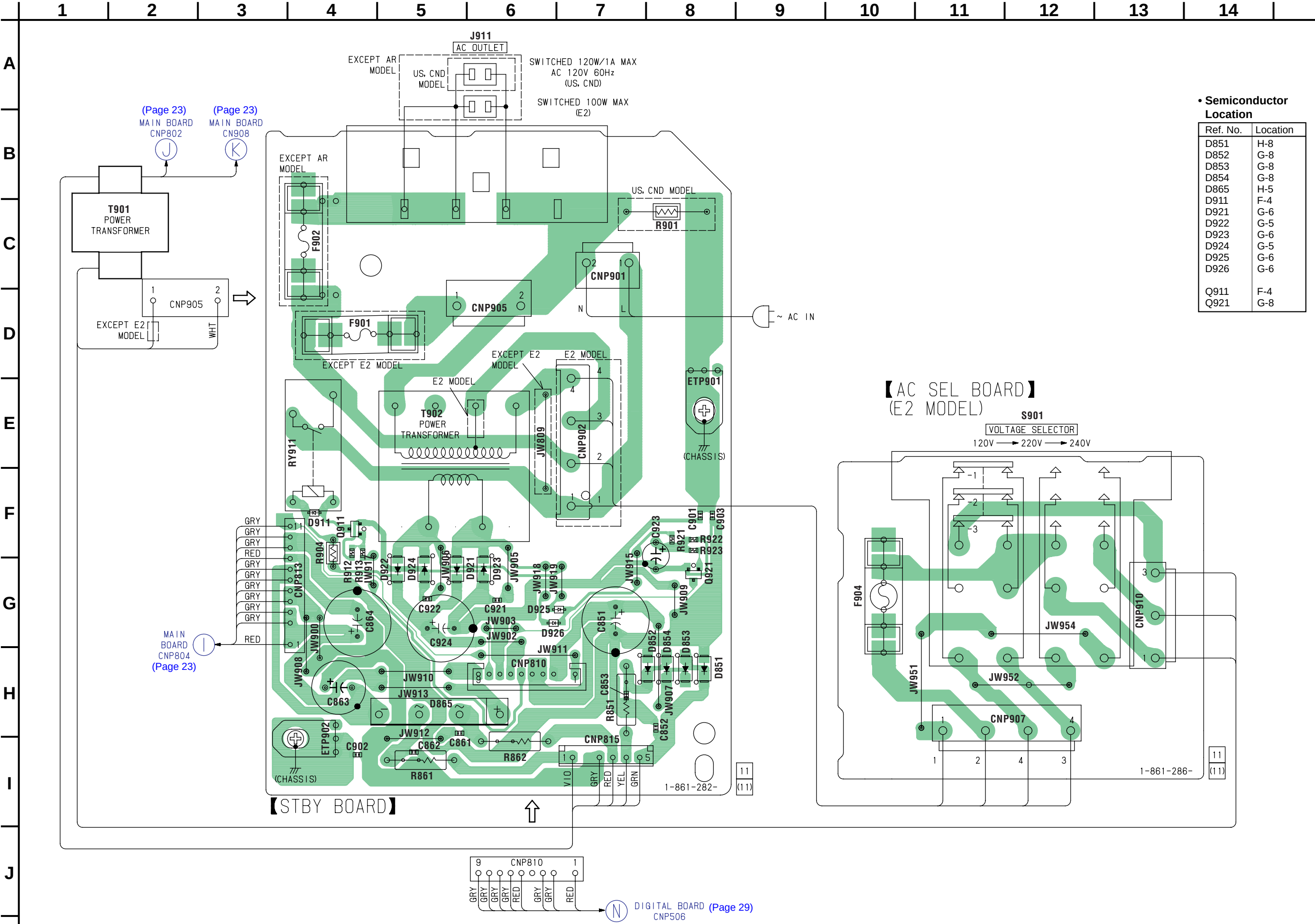
4-29. PRINTED WIRING BOARDS — PANEL SECTION (2/2) — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.



4-30. SCHEMATIC DIAGRAM — PANEL SECTION (2/2) — • Refer to page 22 for Common Note on Schematic Diagram.



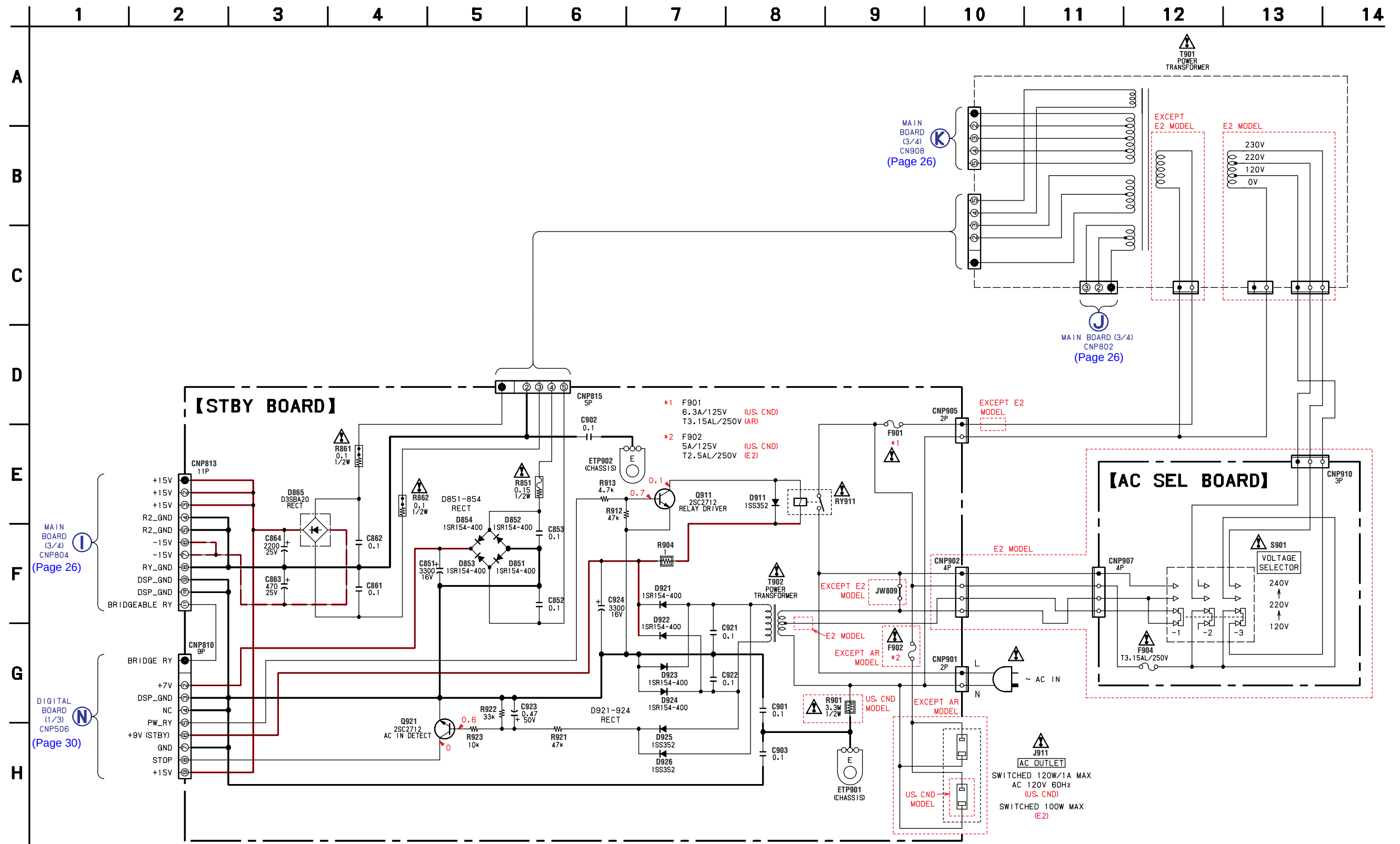
4-31. PRINTED WIRING BOARDS — POWER SECTION — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.



• Semiconductor Location

Ref. No.	Location
D851	H-8
D852	G-8
D853	G-8
D854	G-8
D865	H-5
D911	F-4
D921	G-6
D922	G-5
D923	G-6
D924	G-5
D925	G-6
D926	G-6
Q911	F-4
Q921	G-8

4-32. SCHEMATIC DIAGRAM — POWER SECTION — • Refer to page 22 for Common Note on Schematic Diagram.

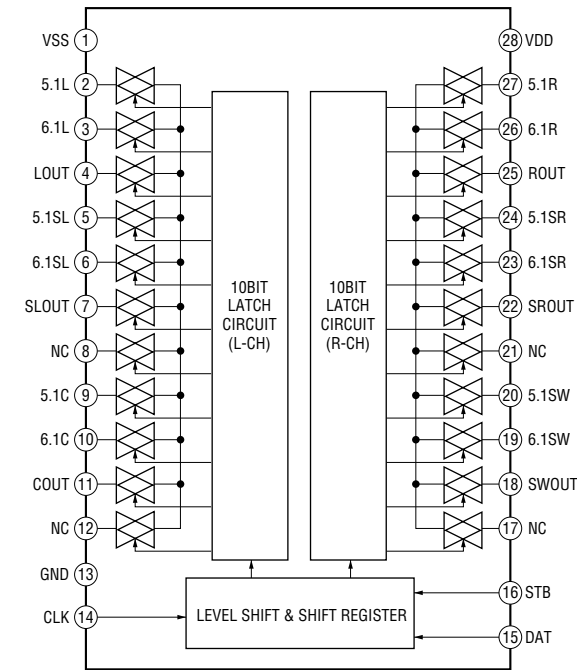


The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

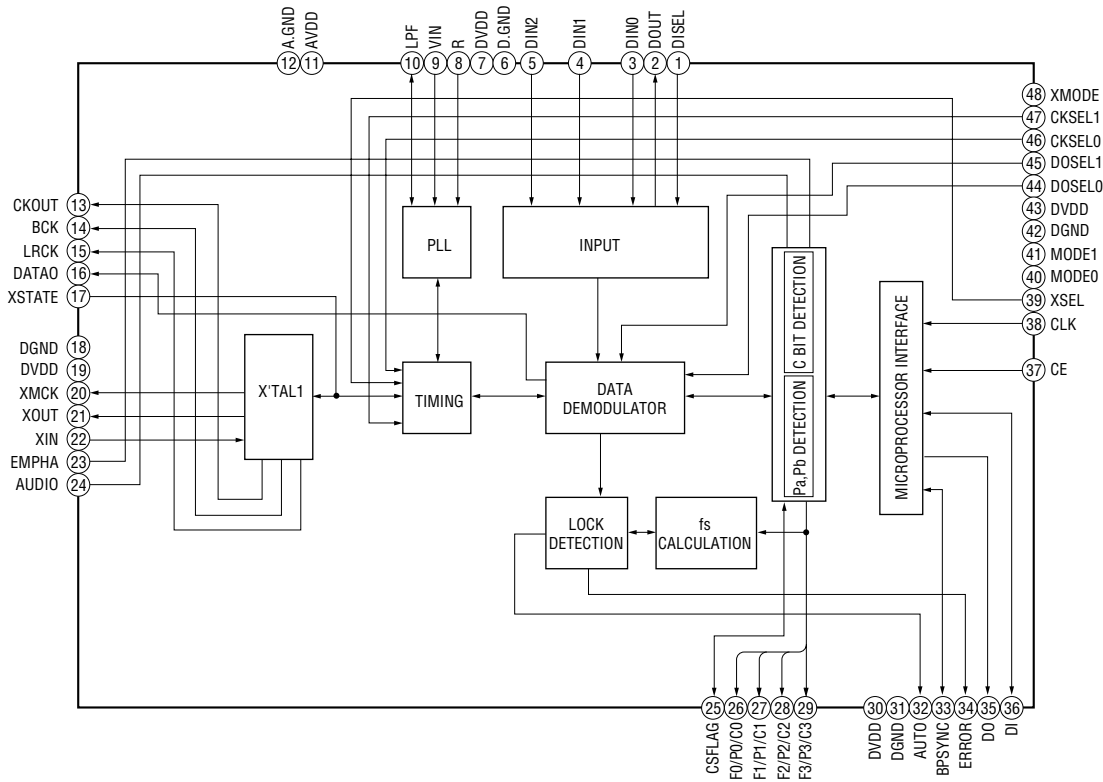
Les composants identifiés par une marque  sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

4-33. IC BLOCK DIAGRAMS

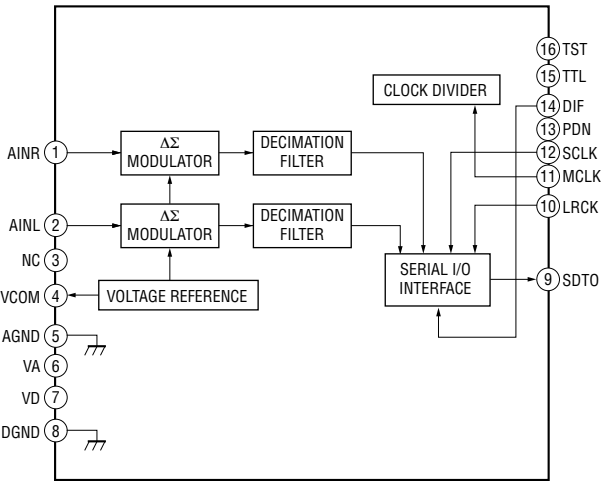
IC402 TC9273N-011 (MAIN BOARD (1/4))



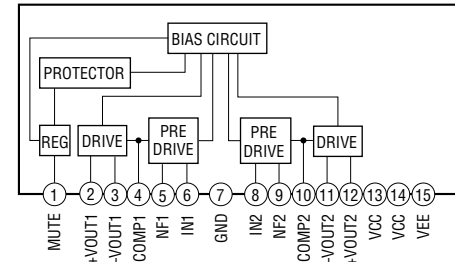
IC1301 LC89056W-E (DIGITAL BOARD (1/3))



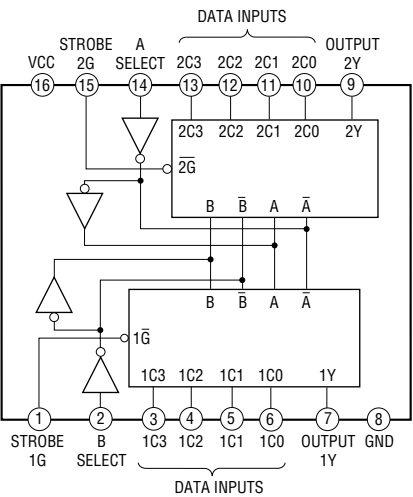
IC1401 AK5380VT-E2 (DIGITAL BOARD (2/3))



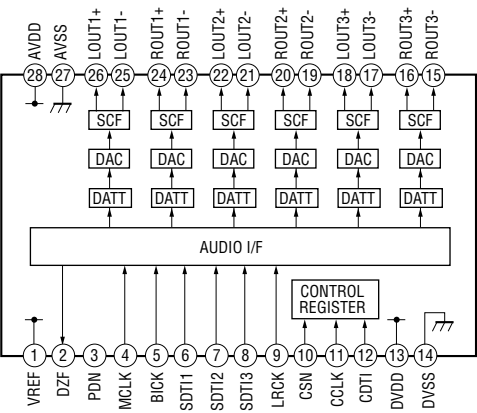
IC400 μPC2581V-S (MAIN BOARD (2/4))
IC500 μPC2581V-S (MAIN BOARD (2/4))
IC600 μPC2581V-S (MAIN BOARD (4/4))
IC700 μPC2581V-S (MAIN BOARD (4/4))



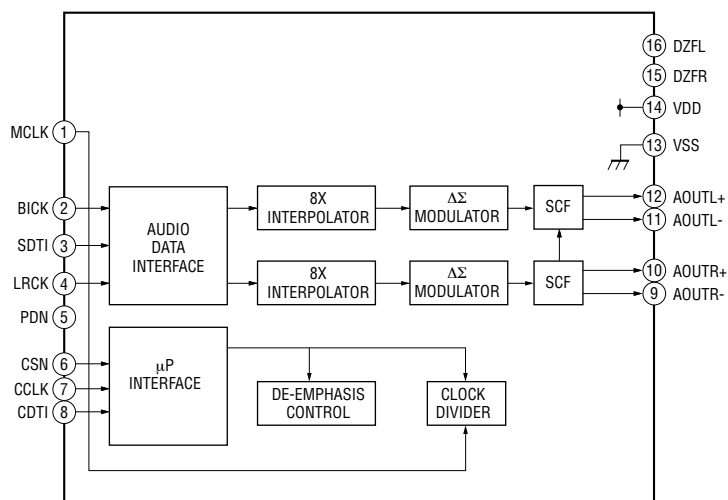
IC1302 TC74ACT153F(EL) (DIGITAL BOARD (1/3))



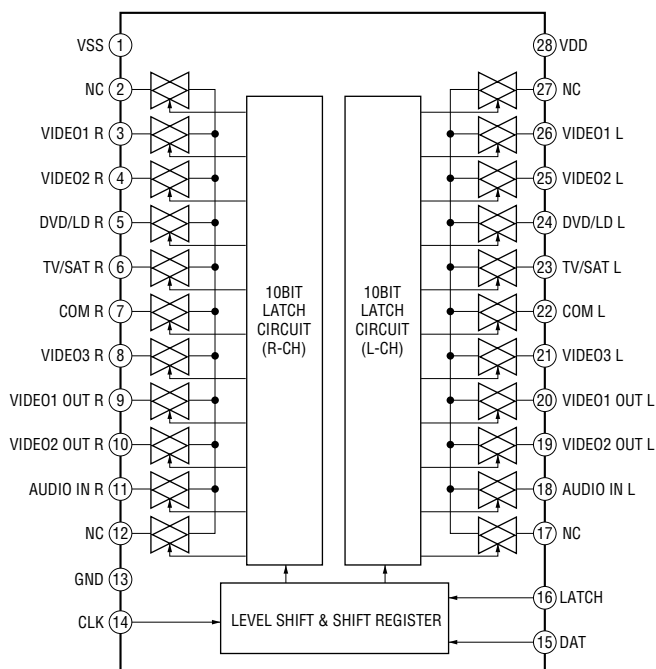
IC1452 AK4355VF-E2 (DIGITAL BOARD (2/3))



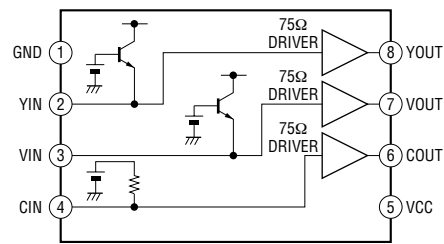
IC1451 AK4381VT-E2 (DIGITAL BOARD (3/3))



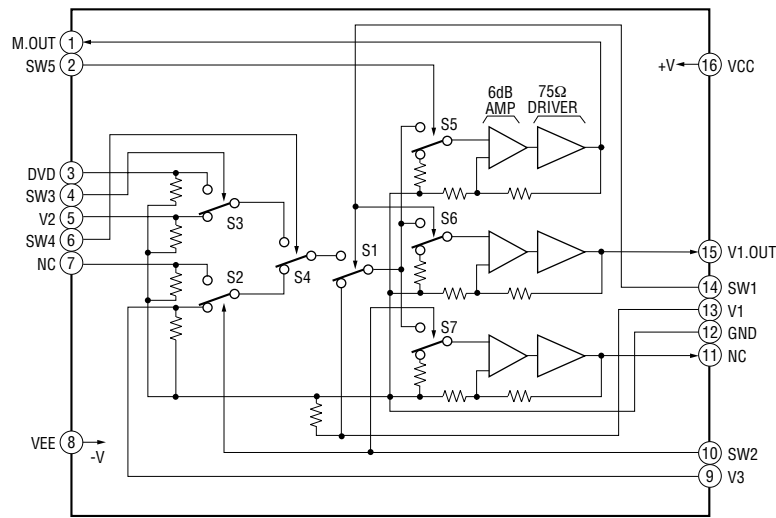
IC2560 TC9273N-006 (VIDEO (AU) BOARD)



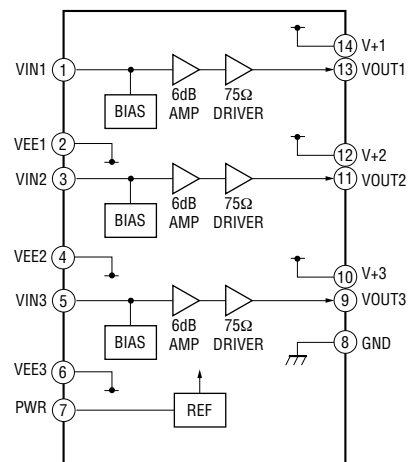
IC2302 BA7622F-E2-A (VIDEO BOARD)



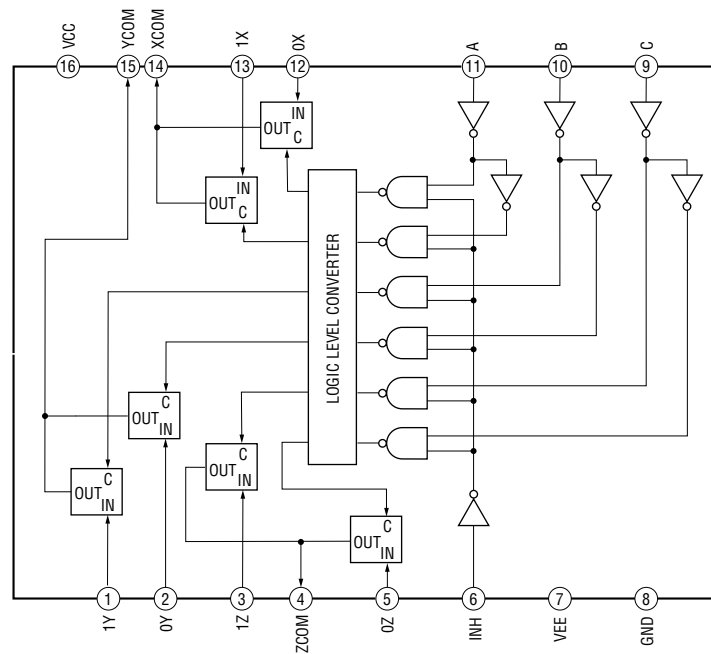
IC2303 NJM2595D (VIDEO BOARD)
IC2101 NJM2595D (S-VIDEO BOARD)
IC2102 NJM2595D (S-VIDEO BOARD)



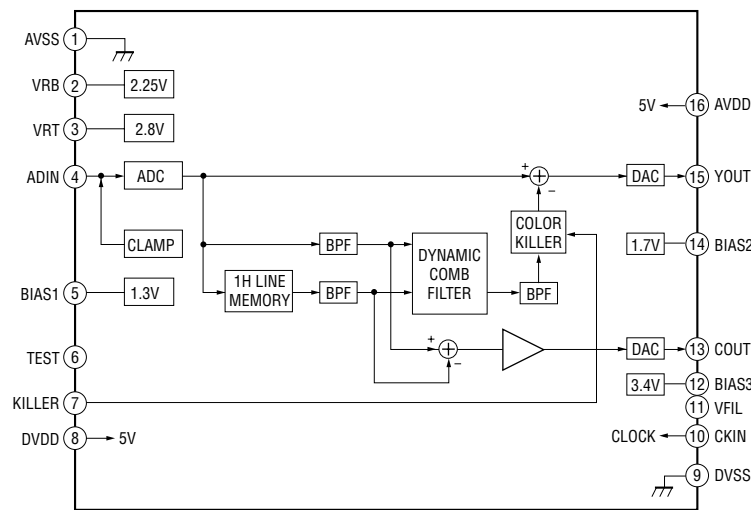
IC2307 NJM2581D (VIDEO BOARD)



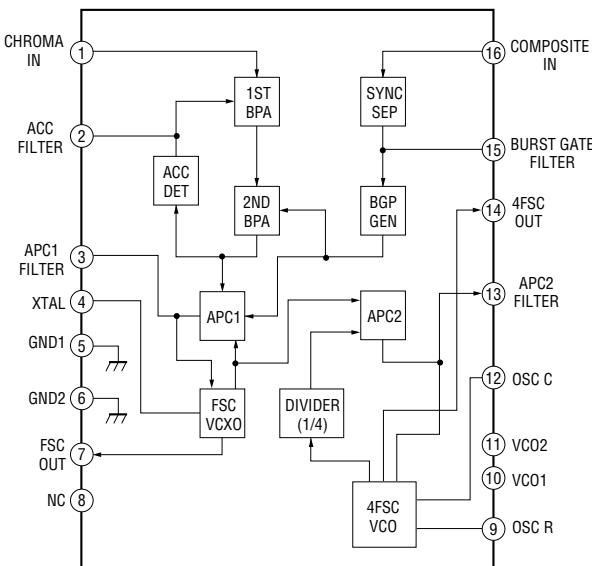
IC2308 TC74HC4053AP (VIDEO BOARD)



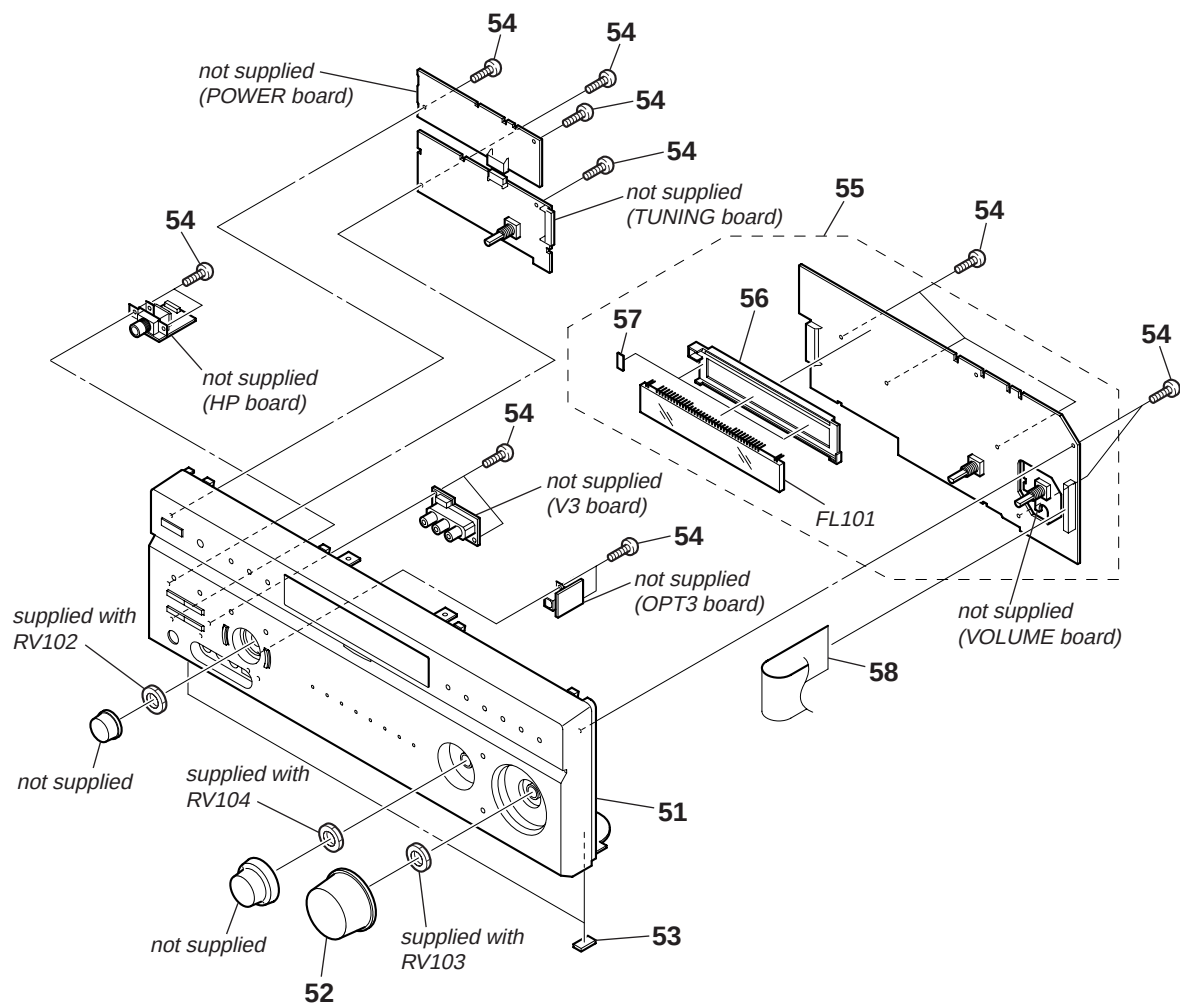
IC3100 TC90A45F (UP CONVERT BOARD) (US, Canadian model only)



IC3101 MM1093NF (UP CONVERT BOARD) (US, Canadian model only)

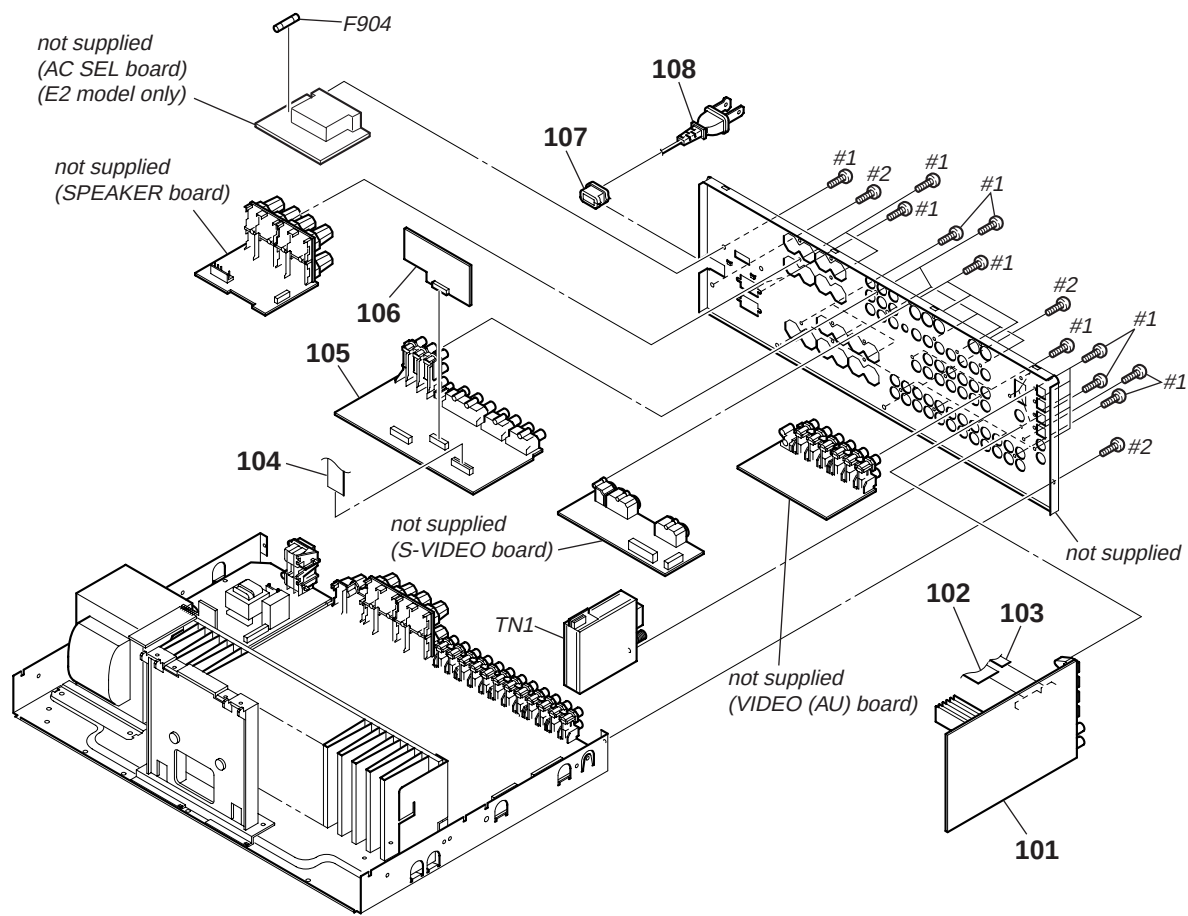


5-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-4956-217-1	FRONT PANEL ASSY (BLACK)...(BLACK) (US)		53	4-977-358-01	CUSHION	
51	X-4956-218-1	FRONT PANEL ASSY (SILVER)...(SILVER) (US)		54	4-951-620-01	SCREW (2.6X8), +BVTP	
51	X-4956-219-1	FRONT PANEL ASSY (SILVER)...(SILVER) (E2,AR)		55	A-4751-319-A	DISPLAY BOARD, COMPLETE	
51	X-4956-384-1	FRONT PANEL ASSY (BLACK)...(BLACK) (CND)		56	4-244-786-01	HOLDER, FL (DE9)	
52	4-232-113-01	KNOB (VOL) (BLACK)...(BLACK) (US,CND)		* 57	4-955-901-01	CUSHION (FL)	
52	4-232-113-12	KNOB (VOL) (SILVER)...(SILVER) (EXCEPT CND)		58	1-773-331-11	WIRE (FLAT TYPE) (31 CORE)	
				FL101	1-518-969-11	VACUUM FLUORESCENT DISPLAY	

5-3. BACK PANEL SECTION

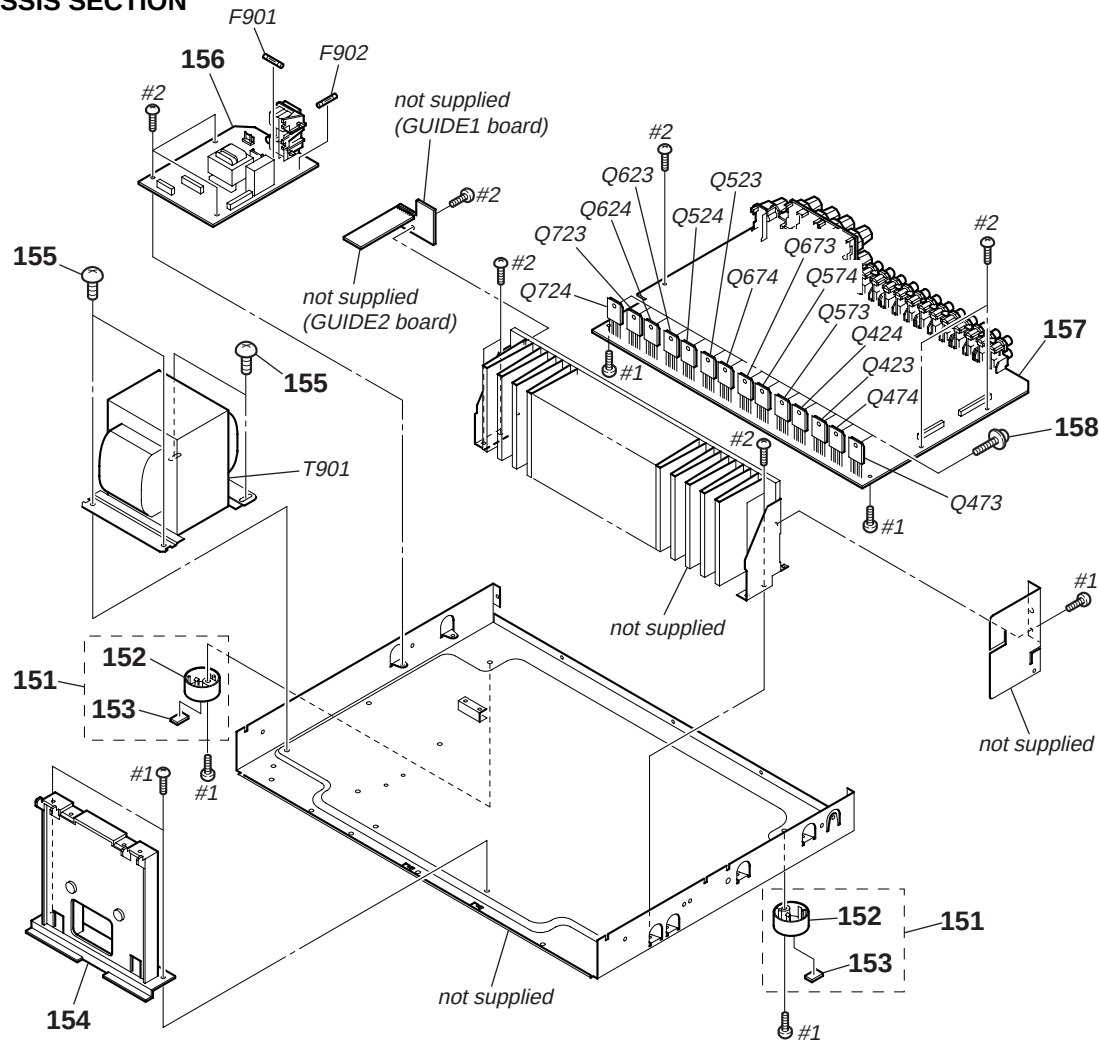


The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	A-4751-312-A	DIGITAL BOARD, COMPLETE (US,CND)		* 107	3-703-244-00	BUSHING (2104), CORD	
101	A-4752-107-A	DIGITAL BOARD, COMPLETE (E2)		$\triangle$ 108	1-769-744-11	CORD, POWER (E2)	
101	A-4753-113-A	DIGITAL BOARD, COMPLETE (AR)		$\triangle$ 108	1-783-820-11	CORD, POWER (US,CND)	
102	1-769-937-11	WIRE (FLAT TYPE) (11 CORE)		$\triangle$ 108	1-783-941-12	CORD, POWER (AR)	
103	1-769-907-11	WIRE (FLAT TYPE) (9 CORE)		$\triangle$ F904	1-532-465-32	FUSE (T3.15AL/250V) (E2)	
104	1-773-001-11	WIRE (FLAT TYPE) (15 CORE)		TN1	1-693-577-13	TUNER PACK (ANTENNA)	
105	A-1060-737-A	VIDEO BOARD, COMPLETE (E2,AR)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
105	A-4751-326-A	VIDEO BOARD, COMPLETE (US,CND)		#2	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	
106	A-4751-328-A	UP CONVERT BOARD, COMPLETE (US,CND)					

5-4. CHASSIS SECTION



The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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Ref. No.	Part No.	Description	Remark
151	X-4953-448-1	FOOT ASSY	
152	4-232-237-01	FOOT (DIA.30)	
153	4-977-358-01	CUSHION	
154	4-233-263-01	SUB MOLD (DE9)	
155	4-249-675-01	+BV SUMITITE S 4X6 ROUND (US,CND)	
156	A-4751-322-A	STBY BOARD, COMPLETE (US,CND)	
156	A-4752-105-A	STBY BOARD, COMPLETE (E2)	
156	A-4753-119-A	STBY BOARD, COMPLETE (AR)	
157	A-4751-314-A	MAIN BOARD, COMPLETE (EXCEPT AR)	
157	A-4753-109-A	MAIN BOARD, COMPLETE (AR)	
158	3-905-609-01	SCREW (TRANSISTOR)	
Δ F901	1-532-465-32	FUSE (T3.15AL/250V) (AR)	
Δ F901	1-576-193-11	FUSE (6.3A/125V) (US,CND)	
Δ F902	1-532-464-32	FUSE (T2.5AL/250V) (E2)	
Δ F902	1-533-453-12	FUSE, GLASS TUBE (DIA.5) (5A/125V)	(US,CND)
Q423	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)	
Q423	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)	
Q424	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)	
Q424	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)	
Q473	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)	
Q473	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)	
Q474	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)	
Q474	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)	
Q523	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)	
Q523	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)	

Ref. No.	Part No.	Description	Remark
Q524	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)	
Q524	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)	
Q573	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)	
Q573	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)	
Q574	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)	
Q574	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)	
Q574	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)	
Q623	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)	
Q623	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)	
Q624	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)	
Q624	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)	
Q673	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)	
Q673	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)	
Q674	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)	
Q674	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)	
Q723	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)	
Q723	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)	
Q724	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)	
Q724	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)	
Δ T901	1-439-586-12	TRANSFORMER, POWER (US,CND)	
Δ T901	1-439-589-12	TRANSFORMER, POWER (E2)	
Δ T901	1-443-264-11	TRANSFORMER, POWER (AR)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#2	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	

SECTION 6 ELECTRICAL PARTS LIST

AC SEL

DIGITAL

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- SEMICONDUCTORS
In each case, u : μ , for example:
uA.. : μ A.. uPA.. : μ PA..
uPB.. : μ PB.. uPC.. : μ PC.. uPD.. : μ PD..
- CAPACITORS
uF : μ F
- COILS
uH : μ H
- Abbreviation
CND : Canadian model
E2 : AC 120 V area in E model
AR : Argentina model

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

Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		AC SEL BOARD (E2)					

	1-533-217-41	HOLDER, FUSE (E2)					
		< CONNECTOR >					
CNP907	1-568-106-11	PIN, CONNECTOR (3.96mm PITCH) 4P (E2)		C1127	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* CNP910	1-564-687-11	PIN, CONNECTOR (3.96mm PITCH) 3P (E2)		C1128	1-164-156-11	CERAMIC CHIP 0.1uF	25V
		< SWITCH >		C1129	1-162-974-11	CERAMIC CHIP 0.01uF	50V
				C1130	1-162-974-11	CERAMIC CHIP 0.01uF	50V
				C1131	1-162-974-11	CERAMIC CHIP 0.01uF	50V
				C1132	1-162-974-11	CERAMIC CHIP 0.01uF	50V
				C1135	1-162-974-11	CERAMIC CHIP 0.01uF	50V
				C1136	1-162-974-11	CERAMIC CHIP 0.01uF	50V
				C1137	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
				C1138	1-164-156-11	CERAMIC CHIP 0.1uF	25V
$\triangle$ S901	1-571-437-21	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR) (E2)		C1139	1-164-156-11	CERAMIC CHIP 0.1uF	25V
		*****		C1140	1-164-156-11	CERAMIC CHIP 0.1uF	25V
				C1141	1-164-156-11	CERAMIC CHIP 0.1uF	25V
				C1142	1-164-156-11	CERAMIC CHIP 0.1uF	25V
				C1145	1-164-156-11	CERAMIC CHIP 0.1uF	25V
	A-4751-312-A	DIGITAL BOARD, COMPLETE (US,CND)		C1251	1-164-156-11	CERAMIC CHIP 0.1uF	25V
	A-4752-107-A	DIGITAL BOARD, COMPLETE (E2)		C1252	1-164-156-11	CERAMIC CHIP 0.1uF	25V
	A-4753-113-A	DIGITAL BOARD, COMPLETE (AR)		C1253	1-164-156-11	CERAMIC CHIP 0.1uF	25V
		*****		C1254	1-162-960-11	CERAMIC CHIP 220PF	10% 50V
				C1255	1-162-960-11	CERAMIC CHIP 220PF	10% 50V
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3					
		< CAPACITOR >					
				C1299	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1001	1-126-925-11	ELECT 470uF 20% 10V		C1301	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1002	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1302	1-162-974-11	CERAMIC CHIP 0.01uF	50V
C1003	1-162-966-11	CERAMIC CHIP 0.0022uF 10% 50V		C1303	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1004	1-162-966-11	CERAMIC CHIP 0.0022uF 10% 50V		C1304	1-162-974-11	CERAMIC CHIP 0.01uF	50V
C1021	1-164-156-11	CERAMIC CHIP 0.1uF 25V					
				C1305	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1022	1-126-925-11	ELECT 470uF 20% 10V		C1306	1-126-204-11	ELECT CHIP 47uF 20% 16V	
C1031	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1308	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1032	1-126-925-11	ELECT 470uF 20% 10V		C1309	1-162-918-11	CERAMIC CHIP 18PF 5% 50V	
C1045	1-162-905-11	CERAMIC CHIP 1PF 0.25PF 50V		C1310	1-162-918-11	CERAMIC CHIP 18PF 5% 50V	
C1046	1-164-156-11	CERAMIC CHIP 0.1uF 25V					
				C1312	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1047	1-126-395-11	ELECT CHIP 22uF 20% 16V		C1313	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C1100	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1314	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1102	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1315	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1103	1-126-204-11	ELECT CHIP 47uF 20% 16V		C1316	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1107	1-164-156-11	CERAMIC CHIP 0.1uF 25V					
				C1317	1-126-925-11	ELECT 470uF 20% 10V	
C1108	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1351	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1118	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1352	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1120	1-162-974-11	CERAMIC CHIP 0.01uF 50V		C1353	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1121	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1354	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1122	1-164-156-11	CERAMIC CHIP 0.1uF 25V					
				C1355	1-126-395-11	ELECT CHIP 22uF 20% 16V	
C1123	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1356	1-162-974-11	CERAMIC CHIP 0.01uF	50V
C1124	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1357	1-162-905-11	CERAMIC CHIP 1PF 0.25PF 50V	
C1125	1-162-923-11	CERAMIC CHIP 47PF 5% 50V		C1358	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C1126	1-162-960-11	CERAMIC CHIP 220PF 10% 50V		C1359	1-126-916-11	ELECT 1000uF 20% 6.3V	

DIGITAL

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C1360	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	C1502	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1361	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1503	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1362	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1504	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1401	1-124-261-00	ELECT	10uF	20%	50V	C1505	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1402	1-126-964-11	ELECT	10uF	20%	50V	C1506	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1403	1-126-925-11	ELECT	470uF	20%	10V	C1507	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1404	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1508	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1405	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1509	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1406	1-126-925-11	ELECT	470uF	20%	10V	C1510	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1407	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1511	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1408	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1513	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1411	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	C1514	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1412	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1515	1-126-925-11	ELECT	470uF	20%	10V
C1413	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1516	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1416	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1517	1-126-925-11	ELECT	470uF	20%	10V
C1417	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1518	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1418	1-126-964-11	ELECT	10uF	20%	50V	C1519	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1421	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	C1520	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1422	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1521	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1423	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1522	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1428	1-126-964-11	ELECT	10uF	20%	50V	C1525	1-126-925-11	ELECT	470uF	20%	10V
C1431	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	C1547	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1432	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1557	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1433	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1566	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1438	1-126-964-11	ELECT	10uF	20%	50V	C1567	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1441	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	C1568	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1442	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1569	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1443	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1604	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1448	1-126-964-11	ELECT	10uF	20%	50V	C1605	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1450	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1620	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1451	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	C1905	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1452	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1906	1-126-925-11	ELECT	470uF	20%	10V
C1453	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1908	1-126-925-11	ELECT	470uF	20%	10V
C1454	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1913	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1455	1-124-779-00	ELECT CHIP	10uF	20%	16V	C1914	1-126-204-11	ELECT CHIP	47uF	20%	16V
C1456	1-164-156-11	CERAMIC CHIP	0.1uF		25V	< CONNECTOR >					
C1457	1-124-779-00	ELECT CHIP	10uF	20%	16V	CNP503	1-568-826-11	CONNECTOR, FFC 7P			
C1458	1-126-964-11	ELECT	10uF	20%	50V	CNP506	1-779-799-11	PIN, CONNECTOR 9P			
C1459	1-164-156-11	CERAMIC CHIP	0.1uF		25V	CNP507	1-784-922-11	PIN, CONNECTOR 5P			
C1460	1-124-779-00	ELECT CHIP	10uF	20%	16V	CNP510	1-784-923-11	PIN, CONNECTOR 7P			
C1461	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	CNS501	1-766-720-41	CONNECTOR, BOARD TO BOARD 17P			
C1462	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	CNS502	1-764-865-41	CONNECTOR, BOARD TO BOARD 13P			
C1463	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	CNS505	1-784-792-11	CONNECTOR, FFC 31P			
C1468	1-126-964-11	ELECT	10uF	20%	50V	CNS508	1-569-060-11	SOCKET, CONNECTOR 11P			
C1471	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	CNS509	1-568-442-11	SOCKET, CONNECTOR 9P			
C1472	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	< DIODE >					
C1473	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	D1003	8-719-049-09	DIODE 1SS367-T3SONY			
C1478	1-126-964-11	ELECT	10uF	20%	50V	D1004	8-719-049-09	DIODE 1SS367-T3SONY			
C1481	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	D1102	8-719-988-61	DIODE 1SS355TE-17			
C1482	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	D1103	8-719-988-61	DIODE 1SS355TE-17			
C1483	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	D1105	8-719-988-61	DIODE 1SS355TE-17			
C1487	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	D1106	8-719-988-61	DIODE 1SS355TE-17			
C1488	1-126-964-11	ELECT	10uF	20%	50V	D1107	8-719-988-61	DIODE 1SS355TE-17			
C1491	1-126-964-11	ELECT	10uF	20%	50V	D1108	8-719-988-61	DIODE 1SS355TE-17			
C1494	1-164-156-11	CERAMIC CHIP	0.1uF		25V	D1110	8-719-988-61	DIODE 1SS355TE-17			
C1495	1-164-156-11	CERAMIC CHIP	0.1uF		25V	D1111	8-719-988-61	DIODE 1SS355TE-17			
C1496	1-124-779-00	ELECT CHIP	10uF	20%	16V						
C1501	1-164-156-11	CERAMIC CHIP	0.1uF		25V						

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
D1301	8-719-988-61	DIODE 1SS355TE-17		< JUMPER RESISTOR >			
D1302	8-719-016-74	DIODE 1SS352		JR1002	1-211-950-11	SHORT CHIP 0	
< FERRITE BEAD >				JR1007	1-211-950-11	SHORT CHIP 0	
FB1101	1-414-235-22	INDUCTOR, FERRITE BEAD		JR1008	1-211-950-11	SHORT CHIP 0	
FB1103	1-414-235-22	INDUCTOR, FERRITE BEAD		JR1009	1-211-950-11	SHORT CHIP 0	
FB1302	1-414-235-22	INDUCTOR, FERRITE BEAD		JR1010	1-211-950-11	SHORT CHIP 0	
FB1305	1-414-235-22	INDUCTOR, FERRITE BEAD		JR1020	1-216-864-11	SHORT CHIP 0	
FB1306	1-414-235-22	INDUCTOR, FERRITE BEAD		JR1202	1-216-864-11	SHORT CHIP 0	
FB1307	1-414-235-22	INDUCTOR, FERRITE BEAD		JR1511	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1309	1-414-235-22	INDUCTOR, FERRITE BEAD		< TRANSISTOR >			
FB1405	1-414-235-22	INDUCTOR, FERRITE BEAD		Q1102	8-729-230-49	TRANSISTOR 2SC2712-YG	
FB1406	1-414-235-22	INDUCTOR, FERRITE BEAD		Q1103	8-729-027-43	TRANSISTOR DTC114EKA-T146	
FB1451	1-414-235-22	INDUCTOR, FERRITE BEAD		Q1104	8-729-230-49	TRANSISTOR 2SC2712-YG	
FB1452	1-414-235-22	INDUCTOR, FERRITE BEAD		Q1105	8-729-230-49	TRANSISTOR 2SC2712-YG	
FB1453	1-414-235-22	INDUCTOR, FERRITE BEAD		< RESISTOR >			
FB1501	1-414-235-22	INDUCTOR, FERRITE BEAD		R1035	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
FB1502	1-414-235-22	INDUCTOR, FERRITE BEAD		R1039	1-216-833-11	METAL CHIP 10K 5%	1/10W
FB1503	1-414-235-22	INDUCTOR, FERRITE BEAD		R1041	1-216-809-11	METAL CHIP 100 5%	1/10W
< IC >				R1042	1-216-809-11	METAL CHIP 100 5%	1/10W
IC1001	8-759-231-53	IC TA7805S		R1044	1-216-809-11	METAL CHIP 100 5%	1/10W
IC1031	8-759-450-47	IC BA05T		R1049	1-216-833-11	METAL CHIP 10K 5%	1/10W
IC1101	6-803-872-01	IC MB90478PF-G-172-BNDE1		R1055	1-216-809-11	METAL CHIP 100 5%	1/10W
IC1103	8-759-242-70	IC TC7WU04F		R1056	1-216-854-11	METAL CHIP 560K 5%	1/10W
IC1111	6-702-913-01	IC S-80929CNMC-G8ZT2G		R1057	1-216-837-11	METAL CHIP 22K 5%	1/10W
IC1131	6-704-004-01	IC BR24L16F-WE2		R1060	1-216-821-11	METAL CHIP 1K 5%	1/10W
IC1142	8-759-491-47	IC TC74VHCT08AFT(EL)		R1065	1-216-809-11	METAL CHIP 100 5%	1/10W
IC1301	8-759-825-15	IC LC89056W-E		R1066	1-216-809-11	METAL CHIP 100 5%	1/10W
IC1302	8-759-595-15	IC TC74ACT153F(EL)		R1067	1-216-809-11	METAL CHIP 100 5%	1/10W
IC1303	8-759-242-70	IC TC7WU04F		R1068	1-216-809-11	METAL CHIP 100 5%	1/10W
IC1351	6-600-014-01	IC TORX141L (DIGITAL (ASSIGNABLE) TV/SAT IN (OPTICAL))		R1071	1-216-833-11	METAL CHIP 10K 5%	1/10W
IC1352	6-600-014-01	IC TORX141L (DIGITAL (ASSIGNABLE) MD/TAPE IN (OPTICAL))		R1072	1-216-833-11	METAL CHIP 10K 5%	1/10W
IC1353	6-600-012-11	IC TOTX141L(RED) (DIGITAL (ASSIGNABLE) MD/TAPE OUT (OPTICAL))		R1073	1-216-833-11	METAL CHIP 10K 5%	1/10W
IC1354	6-600-014-01	IC TORX141L (DIGITAL (ASSIGNABLE) SA-CD/CD IN (OPTICAL))		R1075	1-216-809-11	METAL CHIP 100 5%	1/10W
IC1401	6-702-527-01	IC AK5380VT-E2		R1076	1-216-809-11	METAL CHIP 100 5%	1/10W
IC1402	8-759-710-97	IC NJM4565M-D		R1077	1-216-809-11	METAL CHIP 100 5%	1/10W
IC1403	8-759-710-97	IC NJM4565M-D		R1078	1-216-809-11	METAL CHIP 100 5%	1/10W
IC1404	8-759-710-97	IC NJM4565M-D		R1083	1-216-841-11	METAL CHIP 47K 5%	1/10W
IC1405	8-759-710-97	IC NJM4565M-D		R1085	1-216-809-11	METAL CHIP 100 5%	1/10W
IC1406	8-759-710-97	IC NJM4565M-D		R1086	1-216-809-11	METAL CHIP 100 5%	1/10W
IC1451	6-703-704-01	IC AK4381VT-E2		R1088	1-216-833-11	METAL CHIP 10K 5%	1/10W
IC1452	6-703-564-01	IC AK4355VF-E2		R1094	1-216-833-11	METAL CHIP 10K 5%	1/10W
IC1501	6-702-047-01	IC CXD9718Q		R1095	1-216-833-11	METAL CHIP 10K 5%	1/10W
IC1502	6-704-037-01	IC IC61LV6416-15TG		R1096	1-216-833-11	METAL CHIP 10K 5%	1/10W
IC1503	8-759-546-74	IC TC7WH157FU(Te12R)		R1097	1-216-845-11	METAL CHIP 100K 5%	1/10W
IC1504	8-759-546-74	IC TC7WH157FU(Te12R)		R1098	1-216-833-11	METAL CHIP 10K 5%	1/10W
IC1901	6-701-887-02	IC SI-3004KWF		R1099	1-216-833-11	METAL CHIP 10K 5%	1/10W
IC1902	8-759-231-57	IC TA7810S		R1101	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
IC1904	6-705-463-01	IC BA33BC0T		R1102	1-216-809-11	METAL CHIP 100 5%	1/10W
< JACK >				R1103	1-216-809-11	METAL CHIP 100 5%	1/10W
J1301	1-818-314-11	JACK, PIN 2P (DIGITAL (ASSIGNABLE) DVD IN (COAXIAL),SA-CD/CD IN (COAXIAL))		R1104	1-216-809-11	METAL CHIP 100 5%	1/10W
				R1105	1-216-833-11	METAL CHIP 10K 5%	1/10W
				R1106	1-216-809-11	METAL CHIP 100 5%	1/10W
				R1107	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
				R1108	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
				R1109	1-216-829-11	METAL CHIP 4.7K 5%	1/10W

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Ref. No.	Part No.	Description			Remark
R1110	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1111	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1112	1-216-809-11	METAL CHIP	100	5%	1/10W
R1113	1-216-809-11	METAL CHIP	100	5%	1/10W
R1114	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1115	1-216-809-11	METAL CHIP	100	5%	1/10W
R1117	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1118	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1119	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1120	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1121	1-216-809-11	METAL CHIP	100	5%	1/10W
R1122	1-216-809-11	METAL CHIP	100	5%	1/10W
R1123	1-216-809-11	METAL CHIP	100	5%	1/10W
R1124	1-216-809-11	METAL CHIP	100	5%	1/10W
R1127	1-216-809-11	METAL CHIP	100	5%	1/10W
R1128	1-216-809-11	METAL CHIP	100	5%	1/10W
R1129	1-216-809-11	METAL CHIP	100	5%	1/10W
R1131	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1132	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1134	1-216-809-11	METAL CHIP	100	5%	1/10W
R1135	1-216-809-11	METAL CHIP	100	5%	1/10W
R1136	1-216-809-11	METAL CHIP	100	5%	1/10W
R1137	1-216-809-11	METAL CHIP	100	5%	1/10W
R1139	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1140	1-216-809-11	METAL CHIP	100	5%	1/10W
R1142	1-216-809-11	METAL CHIP	100	5%	1/10W
R1143	1-216-809-11	METAL CHIP	100	5%	1/10W
R1144	1-216-809-11	METAL CHIP	100	5%	1/10W
R1145	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1146	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R1147	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1148	1-216-797-11	METAL CHIP	10	5%	1/10W
R1149	1-216-809-11	METAL CHIP	100	5%	1/10W
R1150	1-216-809-11	METAL CHIP	100	5%	1/10W
R1151	1-216-809-11	METAL CHIP	100	5%	1/10W
R1152	1-216-809-11	METAL CHIP	100	5%	1/10W
R1153	1-216-809-11	METAL CHIP	100	5%	1/10W
R1154	1-216-809-11	METAL CHIP	100	5%	1/10W
R1155	1-216-809-11	METAL CHIP	100	5%	1/10W
R1156	1-216-809-11	METAL CHIP	100	5%	1/10W
R1158	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1159	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1160	1-216-809-11	METAL CHIP	100	5%	1/10W
R1161	1-216-809-11	METAL CHIP	100	5%	1/10W
R1162	1-216-809-11	METAL CHIP	100	5%	1/10W
R1166	1-216-809-11	METAL CHIP	100	5%	1/10W
R1167	1-216-809-11	METAL CHIP	100	5%	1/10W
R1168	1-216-809-11	METAL CHIP	100	5%	1/10W
R1169	1-216-809-11	METAL CHIP	100	5%	1/10W
R1176	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1177	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1178	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1179	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1180	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1181	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1182	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1185	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1186	1-216-833-11	METAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R1187	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1189	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1190	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1191	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1192	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1193	1-216-837-11	METAL CHIP	22K	5%	1/10W (AR)
R1193	1-216-841-11	METAL CHIP	47K	5%	1/10W (E2)
R1194	1-216-833-11	METAL CHIP	10K	5%	1/10W (E2)
R1194	1-216-841-11	METAL CHIP	47K	5%	1/10W (AR)
R1194	1-216-864-11	SHORT CHIP	0 (US,CND)		
R1195	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1196	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1201	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1251	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1252	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1260	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1261	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1301	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R1302	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1303	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1304	1-216-809-11	METAL CHIP	100	5%	1/10W
R1305	1-216-817-11	METAL CHIP	470	5%	1/10W
R1306	1-216-801-11	METAL CHIP	22	5%	1/10W
R1307	1-216-809-11	METAL CHIP	100	5%	1/10W
R1308	1-216-809-11	METAL CHIP	100	5%	1/10W
R1309	1-216-809-11	METAL CHIP	100	5%	1/10W
R1310	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1311	1-216-809-11	METAL CHIP	100	5%	1/10W
R1312	1-216-809-11	METAL CHIP	100	5%	1/10W
R1313	1-216-809-11	METAL CHIP	100	5%	1/10W
R1314	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1315	1-216-809-11	METAL CHIP	100	5%	1/10W
R1316	1-216-809-11	METAL CHIP	100	5%	1/10W
R1318	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1351	1-216-809-11	METAL CHIP	100	5%	1/10W
R1352	1-216-809-11	METAL CHIP	100	5%	1/10W
R1353	1-216-809-11	METAL CHIP	100	5%	1/10W
R1354	1-216-809-11	METAL CHIP	100	5%	1/10W
R1355	1-218-285-11	METAL CHIP	75	5%	1/10W
R1356	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1357	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1358	1-216-854-11	METAL CHIP	560K	5%	1/10W
R1359	1-216-809-11	METAL CHIP	100	5%	1/10W
R1360	1-216-809-11	METAL CHIP	100	5%	1/10W
R1362	1-216-809-11	METAL CHIP	100	5%	1/10W
R1365	1-216-809-11	METAL CHIP	100	5%	1/10W
R1366	1-218-285-11	METAL CHIP	75	5%	1/10W
R1402	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1403	1-216-809-11	METAL CHIP	100	5%	1/10W
R1404	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1405	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1406	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1407	1-216-809-11	METAL CHIP	100	5%	1/10W
R1408	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1409	1-216-841-11	METAL CHIP	47K	5%	1/10W

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DISPLAY

Ref. No.	Part No.	Description	Remark		
R1636	1-216-833-11	METAL CHIP 10K 5%	1/10W		
< VIBRATOR >					
X1101	1-767-922-11	VIBRATOR, CERAMIC (16MHz)			
X1301	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)			
X1502	1-579-993-21	VIBRATOR, CERAMIC (13.5MHz)			

A-4751-319-A		DISPLAY BOARD, COMPLETE			

*	4-244-786-01	HOLDER, FL (DE9)			
	4-955-901-01	CUSHION (FL)			
< CAPACITOR >					
C105	1-164-159-11	CERAMIC	0.1uF	50V	
C161	1-164-159-11	CERAMIC	0.1uF	50V	
C181	1-128-825-11	CERAMIC	0.0022uF	5%	50V
C182	1-128-825-11	CERAMIC	0.0022uF	5%	50V
C184	1-128-809-11	CERAMIC	100PF	5%	50V
C185	1-128-809-11	CERAMIC	100PF	5%	50V
C192	1-126-964-11	ELECT	10uF	20%	50V
C193	1-164-159-11	CERAMIC	0.1uF	50V	
C194	1-164-159-11	CERAMIC	0.1uF	50V	
C195	1-126-964-11	ELECT	10uF	20%	50V
< CONNECTOR >					
CN102	1-568-672-11	CONNECTOR, BOARD TO BOARD 12P			
CNS101	1-784-792-11	CONNECTOR, FFC 31P			
< DIODE >					
D101	8-719-084-07	LED SEL5E20C-TP15			
		(MULTI CHANNEL DECODING)			
D103	8-719-061-96	LED SLR-325DCT31 (2CH)			
D104	8-719-061-96	LED SLR-325DCT31 (A.F.D.)			
D105	8-719-061-96	LED SLR-325DCT31 (MOVIE)			
D106	8-719-061-96	LED SLR-325DCT31 (MUSIC)			
D108	8-719-061-96	LED SLR-325DCT31 (PHONO)			
D109	8-719-061-96	LED SLR-325DCT31 (TUNER FM/AM)			
D110	8-719-061-96	LED SLR-325DCT31 (SA-CD/CD)			
D111	8-719-061-96	LED SLR-325DCT31 (MD/TAPE)			
D112	8-719-061-96	LED SLR-325DCT31 (TV/SAT)			
D113	8-719-061-96	LED SLR-325DCT31 (DVD)			
D114	8-719-061-96	LED SLR-325DCT31 (VIDEO 3)			
D115	8-719-061-96	LED SLR-325DCT31 (VIDEO 2)			
D116	8-719-061-96	LED SLR-325DCT31 (VIDEO 1)			
< VACUUM FLUORESCENT DISPLAY >					
FL101	1-518-969-11	VACUUM FLUORESCENT DISPLAY			
< IC >					
IC100	6-804-183-01	IC 86CK74AFG-5DC1			
< TRANSISTOR >					
Q101	8-729-029-86	TRANSISTOR DTC124ESA			
Q103	8-729-029-86	TRANSISTOR DTC124ESA			
Q104	8-729-029-86	TRANSISTOR DTC124ESA			
Q105	8-729-029-86	TRANSISTOR DTC124ESA			
Q106	8-729-029-86	TRANSISTOR DTC124ESA			

Ref. No.	Part No.	Description				Remark
Q108	8-729-029-86	TRANSISTOR	DTC124ESA			
Q109	8-729-029-86	TRANSISTOR	DTC124ESA			
Q110	8-729-029-86	TRANSISTOR	DTC124ESA			
Q111	8-729-029-86	TRANSISTOR	DTC124ESA			
Q112	8-729-029-86	TRANSISTOR	DTC124ESA			
Q113	8-729-029-86	TRANSISTOR	DTC124ESA			
Q114	8-729-029-86	TRANSISTOR	DTC124ESA			
Q115	8-729-029-86	TRANSISTOR	DTC124ESA			
Q116	8-729-029-86	TRANSISTOR	DTC124ESA			
< RESISTOR >						
R101	1-247-831-11	CARBON	1K	5%		1/4W
R102	1-249-421-11	CARBON	2.2K	5%		1/4W
R103	1-247-847-11	CARBON	4.7K	5%		1/4W
R107	1-249-421-11	CARBON	2.2K	5%		1/4W
R111	1-247-831-11	CARBON	1K	5%		1/4W
R112	1-249-421-11	CARBON	2.2K	5%		1/4W
R113	1-249-421-11	CARBON	2.2K	5%		1/4W
R143	1-249-409-11	CARBON	220	5%		1/4W
R144	1-249-409-11	CARBON	220	5%		1/4W
R145	1-249-409-11	CARBON	220	5%		1/4W
R146	1-249-409-11	CARBON	220	5%		1/4W
R148	1-249-409-11	CARBON	220	5%		1/4W
R149	1-249-409-11	CARBON	220	5%		1/4W
R150	1-249-409-11	CARBON	220	5%		1/4W
R151	1-249-409-11	CARBON	220	5%		1/4W
R152	1-249-409-11	CARBON	220	5%		1/4W
R153	1-249-409-11	CARBON	220	5%		1/4W
R154	1-249-409-11	CARBON	220	5%		1/4W
R155	1-249-409-11	CARBON	220	5%		1/4W
R156	1-249-409-11	CARBON	220	5%		1/4W
R157	1-247-903-00	CARBON	1M	5%		1/4W
R161	1-249-403-11	CARBON	68	5%		1/4W
R162	1-249-429-11	CARBON	10K	5%		1/4W
R170	1-247-879-11	CARBON	100K	5%		1/4W
R171	1-247-879-11	CARBON	100K	5%		1/4W
R172	1-247-879-11	CARBON	100K	5%		1/4W
R173	1-247-879-11	CARBON	100K	5%		1/4W
R174	1-247-879-11	CARBON	100K	5%		1/4W
R181	1-247-807-31	CARBON	100	5%		1/4W
R182	1-247-807-31	CARBON	100	5%		1/4W
R183	1-247-871-11	CARBON	47K	5%		1/4W
R184	1-247-807-31	CARBON	100	5%		1/4W
R185	1-247-807-31	CARBON	100	5%		1/4W
R198	1-249-377-11	CARBON	0.47	5%		1/4W F
R199	1-249-377-11	CARBON	0.47	5%		1/4W F
< ROTARY ENCODER >						
RV104	1-418-817-11	ENCODER, ROTARY (INPUT SELECTOR)				
< SWITCH >						
S100	1-771-410-21	SWITCH, TACTILE (INPUT MODE)				
S101	1-771-410-21	SWITCH, TACTILE (2ND ZONE)				
S102	1-771-410-21	SWITCH, TACTILE (SURR BACK DECODING)				
S103	1-771-410-21	SWITCH, TACTILE (MUSIC)				
S110	1-771-410-21	SWITCH, TACTILE (MOVIE)				
S111	1-771-410-21	SWITCH, TACTILE (A.F.D.)				
S112	1-771-410-21	SWITCH, TACTILE (MULTI CH IN/DIRECT)				

DISPLAY

HP

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
S113	1-771-410-21	SWITCH, TACTILE (2CH)				C354	1-126-923-11	ELECT	220uF	20%	10V
		< VIBRATOR >				C355	1-128-809-11	CERAMIC	100PF	5%	50V
						C356	1-125-896-11	MYLAR	0.0091uF	5%	50V
X101	1-579-952-21	VIBRATOR, CERAMIC (8MHz)				C357	1-136-159-00	FILM	0.033uF	5%	50V
*****						C358	1-124-257-00	ELECT	2.2uF	20%	50V
		HP BOARD				C359	1-127-880-11	CERAMIC	0.022uF	10%	50V
		*****				C360	1-130-471-00	MYLAR	0.001uF	5%	50V
		< CAPACITOR >				C363	1-126-963-11	ELECT	4.7uF	20%	50V
						C380	1-126-965-11	ELECT	22uF	20%	50V
C2501	1-164-159-11	CERAMIC	0.1uF		50V	C381	1-128-809-11	CERAMIC	100PF	5%	50V
C2502	1-164-159-11	CERAMIC	0.1uF		50V	C382	1-126-965-11	ELECT	22uF	20%	50V
		< CONNECTOR >				C390	1-126-963-11	ELECT	4.7uF	20%	50V
						C391	1-126-963-11	ELECT	4.7uF	20%	50V
CNP701	1-691-766-11	PLUG (MICRO CONNECTOR) 4P				C392	1-128-803-11	CERAMIC	33PF	5%	50V
		< JACK >				C393	1-127-880-11	CERAMIC	0.022uF	10%	50V
						C394	1-126-963-11	ELECT	4.7uF	20%	50V
J2501	1-815-313-21	JACK (PHONES)				C395	1-126-963-11	ELECT	4.7uF	20%	50V
*****						C401	1-126-961-11	ELECT	2.2uF	20%	50V
						C403	1-126-964-11	ELECT	10uF	20%	50V
						C407	1-128-813-11	CERAMIC	220PF	5%	50V
	A-4751-314-A	MAIN BOARD, COMPLETE (EXCEPT AR)				C408	1-128-813-11	CERAMIC	220PF	5%	50V
	A-4753-109-A	MAIN BOARD, COMPLETE (AR)				C409	1-128-813-11	CERAMIC	220PF	5%	50V
		*****				C411	1-126-963-11	ELECT	4.7uF	20%	50V
						C412	1-128-809-11	CERAMIC	100PF	5%	50V
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3				C413	1-128-809-11	CERAMIC	100PF	5%	50V
		< CAPACITOR >				C414	1-102-233-00	CERAMIC	33PF	10%	500V
						C415	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C200	1-126-923-11	ELECT	220uF	20%	10V	C416	1-126-923-11	ELECT	220uF	20%	10V
C201	1-126-964-11	ELECT	10uF	20%	50V	C418	1-164-159-11	CERAMIC	0.1uF		50V
C220	1-128-560-11	ELECT	22uF	20%	100V	C419	1-126-923-11	ELECT	220uF	20%	10V
C221	1-128-560-11	ELECT	22uF	20%	100V						
C230	1-128-560-11	ELECT	22uF	20%	100V	C421	1-126-947-11	ELECT	47uF	20%	35V
						C422	1-164-159-11	CERAMIC	0.1uF		50V
C231	1-128-560-11	ELECT	22uF	20%	100V	C423	1-102-233-00	CERAMIC	33PF	10%	500V
C233	1-128-581-11	ELECT	4.7uF	20%	100V	C424	1-102-233-00	CERAMIC	33PF	10%	500V
C250	1-126-967-11	ELECT	47uF	20%	50V	C425	1-128-813-11	CERAMIC	220PF	5%	50V
C251	1-126-967-11	ELECT	47uF	20%	50V						
C252	1-126-967-11	ELECT	47uF	20%	50V	C426	1-127-876-11	CERAMIC	0.01uF	10%	50V
						C427	1-126-964-11	ELECT	10uF	20%	50V
C255	1-126-923-11	ELECT	220uF	20%	10V	C428	1-164-159-11	CERAMIC	0.1uF		50V
C260	1-164-159-11	CERAMIC	0.1uF		50V	C431	1-136-497-81	FILM	0.1uF	5%	50V
C261	1-126-923-11	ELECT	220uF	20%	10V	C432	1-136-161-00	FILM	0.047uF	5%	50V
C265	1-164-159-11	CERAMIC	0.1uF		50V						
C266	1-126-923-11	ELECT	220uF	20%	10V	C440	1-126-963-11	ELECT	4.7uF	20%	50V
						C443	1-127-880-11	CERAMIC	0.022uF	10%	50V
C290	1-107-935-11	ELECT	330uF	20%	100V	C444	1-126-963-11	ELECT	4.7uF	20%	50V
C302	1-128-813-11	CERAMIC	220PF	5%	50V	C451	1-126-961-11	ELECT	2.2uF	20%	50V
C303	1-126-961-11	ELECT	2.2uF	20%	50V	C459	1-126-961-11	ELECT	2.2uF	20%	50V
C304	1-126-923-11	ELECT	220uF	20%	10V						
C305	1-128-809-11	CERAMIC	100PF	5%	50V	C460	1-126-961-11	ELECT	2.2uF	20%	50V
						C461	1-126-963-11	ELECT	4.7uF	20%	50V
C306	1-125-896-11	MYLAR	0.0091uF	5%	50V	C462	1-128-809-11	CERAMIC	100PF	5%	50V
C307	1-136-159-00	FILM	0.033uF	5%	50V	C463	1-128-809-11	CERAMIC	100PF	5%	50V
C308	1-124-257-00	ELECT	2.2uF	20%	50V	C464	1-102-233-00	CERAMIC	33PF	10%	500V
C309	1-127-880-11	CERAMIC	0.022uF	10%	50V						
C310	1-130-471-00	MYLAR	0.001uF	5%	50V	C465	1-107-583-11	CERAMIC	3PF	0.25PF	500V
						C466	1-126-923-11	ELECT	220uF	20%	10V
C313	1-126-963-11	ELECT	4.7uF	20%	50V	C470	1-126-964-11	ELECT	10uF	20%	50V
C330	1-126-965-11	ELECT	22uF	20%	50V	C471	1-126-947-11	ELECT	47uF	20%	35V
C331	1-128-809-11	CERAMIC	100PF	5%	50V	C473	1-102-233-00	CERAMIC	33PF	10%	500V
C332	1-126-965-11	ELECT	22uF	20%	50V						
C352	1-128-813-11	CERAMIC	220PF	5%	50V	C474	1-102-233-00	CERAMIC	33PF	10%	500V
						C475	1-128-813-11	CERAMIC	220PF	5%	50V
C353	1-126-961-11	ELECT	2.2uF	20%	50V	C476	1-127-876-11	CERAMIC	0.01uF	10%	50V

MAIN

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C477	1-126-964-11	ELECT	10uF	20%	50V	C625	1-128-813-11	CERAMIC	220PF	5%	50V
C478	1-126-963-11	ELECT	4.7uF	20%	50V	C626	1-127-876-11	CERAMIC	0.01uF	10%	50V
C479	1-126-963-11	ELECT	4.7uF	20%	50V	C627	1-126-964-11	ELECT	10uF	20%	50V
C481	1-136-497-81	FILM	0.1uF	5%	50V	C631	1-136-497-81	FILM	0.1uF	5%	50V
C482	1-136-161-00	FILM	0.047uF	5%	50V	C632	1-136-161-00	FILM	0.047uF	5%	50V
C485	1-126-961-11	ELECT	2.2uF	20%	50V	C640	1-126-963-11	ELECT	4.7uF	20%	50V
C486	1-124-257-00	ELECT	2.2uF	20%	50V	C643	1-127-880-11	CERAMIC	0.022uF	10%	50V
C490	1-126-963-11	ELECT	4.7uF	20%	50V	C644	1-126-963-11	ELECT	4.7uF	20%	50V
C493	1-127-880-11	CERAMIC	0.022uF	10%	50V	C651	1-126-961-11	ELECT	2.2uF	20%	50V
C494	1-126-963-11	ELECT	4.7uF	20%	50V	C661	1-126-963-11	ELECT	4.7uF	20%	50V
C501	1-126-961-11	ELECT	2.2uF	20%	50V	C662	1-128-809-11	CERAMIC	100PF	5%	50V
C503	1-126-964-11	ELECT	10uF	20%	50V	C663	1-128-809-11	CERAMIC	100PF	5%	50V
C511	1-126-963-11	ELECT	4.7uF	20%	50V	C664	1-102-233-00	CERAMIC	33PF	10%	500V
C512	1-128-809-11	CERAMIC	100PF	5%	50V	C665	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C513	1-128-809-11	CERAMIC	100PF	5%	50V	C666	1-126-923-11	ELECT	220uF	20%	10V
C514	1-102-233-00	CERAMIC	33PF	10%	500V	C671	1-126-947-11	ELECT	47uF	20%	35V
C515	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C673	1-102-233-00	CERAMIC	33PF	10%	500V
C516	1-126-923-11	ELECT	220uF	20%	10V	C674	1-102-233-00	CERAMIC	33PF	10%	500V
C521	1-126-947-11	ELECT	47uF	20%	35V	C675	1-128-813-11	CERAMIC	220PF	5%	50V
C523	1-102-233-00	CERAMIC	33PF	10%	500V	C676	1-127-876-11	CERAMIC	0.01uF	10%	50V
C524	1-102-233-00	CERAMIC	33PF	10%	500V	C677	1-126-964-11	ELECT	10uF	20%	50V
C525	1-128-813-11	CERAMIC	220PF	5%	50V	C681	1-136-497-81	FILM	0.1uF	5%	50V
C526	1-127-876-11	CERAMIC	0.01uF	10%	50V	C682	1-136-161-00	FILM	0.047uF	5%	50V
C527	1-126-964-11	ELECT	10uF	20%	50V	C690	1-126-963-11	ELECT	4.7uF	20%	50V
C531	1-136-497-81	FILM	0.1uF	5%	50V	C693	1-127-880-11	CERAMIC	0.022uF	10%	50V
C532	1-136-161-00	FILM	0.047uF	5%	50V	C694	1-126-963-11	ELECT	4.7uF	20%	50V
C540	1-126-963-11	ELECT	4.7uF	20%	50V	C701	1-126-961-11	ELECT	2.2uF	20%	50V
C543	1-127-880-11	CERAMIC	0.022uF	10%	50V	C703	1-126-964-11	ELECT	10uF	20%	50V
C544	1-126-963-11	ELECT	4.7uF	20%	50V	C711	1-126-963-11	ELECT	4.7uF	20%	50V
C551	1-126-961-11	ELECT	2.2uF	20%	50V	C712	1-128-809-11	CERAMIC	100PF	5%	50V
C561	1-126-963-11	ELECT	4.7uF	20%	50V	C713	1-128-809-11	CERAMIC	100PF	5%	50V
C562	1-128-809-11	CERAMIC	100PF	5%	50V	C714	1-102-233-00	CERAMIC	33PF	10%	500V
C563	1-128-809-11	CERAMIC	100PF	5%	50V	C715	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C564	1-102-233-00	CERAMIC	33PF	10%	500V	C716	1-126-923-11	ELECT	220uF	20%	10V
C565	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C721	1-126-947-11	ELECT	47uF	20%	35V
C566	1-126-923-11	ELECT	220uF	20%	10V	C723	1-102-233-00	CERAMIC	33PF	10%	500V
C571	1-126-947-11	ELECT	47uF	20%	35V	C724	1-102-233-00	CERAMIC	33PF	10%	500V
C573	1-102-233-00	CERAMIC	33PF	10%	500V	C725	1-128-813-11	CERAMIC	220PF	5%	50V
C575	1-102-233-00	CERAMIC	33PF	10%	500V	C726	1-127-876-11	CERAMIC	0.01uF	10%	50V
C576	1-127-876-11	CERAMIC	0.01uF	10%	50V	C727	1-126-964-11	ELECT	10uF	20%	50V
C577	1-126-964-11	ELECT	10uF	20%	50V	C731	1-136-497-81	FILM	0.1uF	5%	50V
C578	1-128-813-11	CERAMIC	220PF	5%	50V	C732	1-136-161-00	FILM	0.047uF	5%	50V
C581	1-136-497-81	FILM	0.1uF	5%	50V	C751	1-126-961-11	ELECT	2.2uF	20%	50V
C582	1-136-161-00	FILM	0.047uF	5%	50V	C793	1-127-880-11	CERAMIC	0.022uF	10%	50V
C590	1-126-963-11	ELECT	4.7uF	20%	50V	C800	1-135-851-21	MYLAR	0.22uF		100V
C593	1-127-880-11	CERAMIC	0.022uF	10%	50V	C802	1-135-851-21	MYLAR	0.22uF		100V
C594	1-126-963-11	ELECT	4.7uF	20%	50V	C803	1-125-897-11	ELECT	10000uF	20%	71V
C601	1-126-961-11	ELECT	2.2uF	20%	50V	C804	1-125-897-11	ELECT	10000uF	20%	71V
C603	1-126-964-11	ELECT	10uF	20%	50V	C840	1-126-963-11	ELECT	4.7uF	20%	50V
C611	1-126-963-11	ELECT	4.7uF	20%	50V	C844	1-126-963-11	ELECT	4.7uF	20%	50V
C612	1-128-809-11	CERAMIC	100PF	5%	50V	< CONNECTOR >					
C613	1-128-809-11	CERAMIC	100PF	5%	50V	* CN908	1-564-242-00	PIN, CONNECTOR (3.96mm PITCH) 5P			
C614	1-102-233-00	CERAMIC	33PF	10%	500V	CNP802	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
C615	1-107-583-11	CERAMIC	3PF	0.25PF	500V	CNP804	1-784-926-11	PIN, CONNECTOR 11P			
C616	1-126-923-11	ELECT	220uF	20%	10V	* CNP805	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P			
C621	1-126-947-11	ELECT	47uF	20%	35V	* CNP811	1-766-718-21	CONNECTOR, BOARD TO BOARD 17P			
C623	1-102-233-00	CERAMIC	33PF	10%	500V						
C624	1-102-233-00	CERAMIC	33PF	10%	500V	CNP812	1-784-930-11	PIN, CONNECTOR 15P			

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
CNP814	1-573-845-11	CONNECTOR, BOARD TO BOARD 13P		J304	1-774-411-11	JACK, PIN 6P (MULTI CH IN 1 FRONT,SURROUND,SURR BACK)	
		< DIODE >		J305	1-817-375-11	JACK, PIN 4P (MULTI CH IN 1 CENTER,SUB WOOFER,2ND ZONE OUT)	
D201	8-719-991-33	DIODE 1SS133T-77				< COIL >	
D202	8-719-991-33	DIODE 1SS133T-77		L401	1-420-872-52	COIL, AIR-CORE	
D203	8-719-991-33	DIODE 1SS133T-77		L451	1-420-872-52	COIL, AIR-CORE	
D220	8-719-991-33	DIODE 1SS133T-77		L501	1-420-872-52	COIL, AIR-CORE	
D221	8-719-110-42	DIODE RD15ES-B3 (AR)		L551	1-420-872-52	COIL, AIR-CORE	
D221	8-719-947-70	DIODE MTZJ-T-72-18C (EXCEPT AR)		L601	1-420-872-52	COIL, AIR-CORE	
D235	8-719-991-33	DIODE 1SS133T-77					
D240	8-719-991-33	DIODE 1SS133T-77		L651	1-420-872-52	COIL, AIR-CORE	
D250	8-719-934-21	DIODE HZS30-1L		L701	1-420-872-52	COIL, AIR-CORE	
D251	8-719-068-28	DIODE HZ6.8BP-TK				< TRANSISTOR >	
D265	8-719-043-76	DIODE AK04V0		Q200	8-729-042-29	TRANSISTOR 2SA1038S-RSE-TP	
D290	6-500-522-11	DIODE 10EDB40-TA2B5		Q201	8-729-119-79	TRANSISTOR 2SC2785-FEK	
D291	6-500-522-11	DIODE 10EDB40-TA2B5		Q202	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
D300	8-719-991-33	DIODE 1SS133T-77		Q210	8-729-029-86	TRANSISTOR DTC124ESA	
D351	8-719-991-33	DIODE 1SS133T-77		Q220	8-729-021-82	TRANSISTOR 2SD2396K	
D400	8-719-991-33	DIODE 1SS133T-77		Q225	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
D425	8-719-991-33	DIODE 1SS133T-77		Q235	8-729-024-93	TRANSISTOR 2SB1565E	
D426	8-719-991-33	DIODE 1SS133T-77		Q240	8-729-119-79	TRANSISTOR 2SC2785-FEK	
D475	8-719-991-33	DIODE 1SS133T-77		Q250	8-729-140-97	TRANSISTOR 2SB734-34	
D476	8-719-991-33	DIODE 1SS133T-77		Q255	8-729-042-29	TRANSISTOR 2SA1038S-RSE-TP	
D525	8-719-991-33	DIODE 1SS133T-77		Q256	8-729-119-79	TRANSISTOR 2SC2785-FEK	
D526	8-719-991-33	DIODE 1SS133T-77		Q300	8-729-119-79	TRANSISTOR 2SC2785-FEK	
D575	8-719-991-33	DIODE 1SS133T-77		Q351	8-729-119-79	TRANSISTOR 2SC2785-FEK	
D576	8-719-991-33	DIODE 1SS133T-77		Q391	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
D600	8-719-991-33	DIODE 1SS133T-77		Q400	8-729-119-79	TRANSISTOR 2SC2785-FEK	
D625	8-719-991-33	DIODE 1SS133T-77		Q410	8-729-029-40	TRANSISTOR DTA124ESA	
D626	8-719-991-33	DIODE 1SS133T-77		Q421	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D675	8-719-991-33	DIODE 1SS133T-77		Q422	8-729-141-30	TRANSISTOR 2SC3623A-LK	
D676	8-719-991-33	DIODE 1SS133T-77		Q425	8-729-042-29	TRANSISTOR 2SA1038S-RSE-TP	
D700	8-719-991-33	DIODE 1SS133T-77		Q426	8-729-042-29	TRANSISTOR 2SA1038S-RSE-TP	
D725	8-719-991-33	DIODE 1SS133T-77		Q427	8-729-281-53	TRANSISTOR 2SC1815-GR	
D726	8-719-991-33	DIODE 1SS133T-77		Q441	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
D801	8-719-072-05	DIODE RBV-602LF-A		Q471	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D802	8-719-072-05	DIODE RBV-602LF-A		Q472	8-729-141-30	TRANSISTOR 2SC3623A-LK	
D818	8-719-991-33	DIODE 1SS133T-77		Q475	8-729-042-29	TRANSISTOR 2SA1038S-RSE-TP	
		< IC >		Q476	8-729-042-29	TRANSISTOR 2SA1038S-RSE-TP	
IC210	8-759-167-88	IC NJM4565D		Q477	8-729-281-53	TRANSISTOR 2SC1815-GR	
IC260	8-759-071-48	IC TA7807S		Q491	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
IC265	8-759-604-95	IC M5F79M07L		Q521	8-729-119-76	TRANSISTOR 2SA1175-HFE	
IC300	8-759-167-88	IC NJM4565D		Q522	8-729-141-30	TRANSISTOR 2SC3623A-LK	
IC301	8-759-636-74	IC M5218AP-22		Q525	8-729-042-29	TRANSISTOR 2SA1038S-RSE-TP	
IC400	6-700-943-01	IC uPC2581V-S		Q526	8-729-042-29	TRANSISTOR 2SA1038S-RSE-TP	
IC401	6-703-500-01	IC M61532FP		Q527	8-729-281-53	TRANSISTOR 2SC1815-GR	
IC402	6-702-087-01	IC TC9273N-011		Q541	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
IC500	6-700-943-01	IC uPC2581V-S		Q571	8-729-119-76	TRANSISTOR 2SA1175-HFE	
IC600	6-700-943-01	IC uPC2581V-S		Q572	8-729-141-30	TRANSISTOR 2SC3623A-LK	
IC604	8-759-167-88	IC NJM4565D		Q575	8-729-042-29	TRANSISTOR 2SA1038S-RSE-TP	
IC700	6-700-943-01	IC uPC2581V-S		Q576	8-729-042-29	TRANSISTOR 2SA1038S-RSE-TP	
		< JACK >		Q577	8-729-281-53	TRANSISTOR 2SC1815-GR	
J301	1-794-981-11	JACK, PIN 4P (PHONO IN,SA-CD/CD IN)		Q591	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
J302	1-794-981-11	JACK, PIN 4P (MD/TAPE OUT/IN)		Q600	8-729-119-79	TRANSISTOR 2SC2785-FEK	
J303	1-793-775-12	JACK, PIN 6P (MULTI CH IN 2 FRONT,SURROUND,CENTER,SUB WOOFER)		Q621	8-729-119-76	TRANSISTOR 2SA1175-HFE	
				Q622	8-729-141-30	TRANSISTOR 2SC3623A-LK	

MAIN

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
Q625	8-729-042-29	TRANSISTOR	2SA1038S-RSE-TP				R315	1-259-468-61	CARBON	47K	5%	1/6W	
Q626	8-729-042-29	TRANSISTOR	2SA1038S-RSE-TP				R319	1-259-428-61	CARBON	1K	5%	1/6W	
Q627	8-729-281-53	TRANSISTOR	2SC1815-GR				R321	1-259-428-61	CARBON	1K	5%	1/6W	
Q641	8-729-922-37	TRANSISTOR	2SD2144S-UVW				R323	1-259-428-61	CARBON	1K	5%	1/6W	
Q652	8-729-922-37	TRANSISTOR	2SD2144S-UVW				R330	1-247-887-00	CARBON	220K	5%	1/4W	
Q671	8-729-119-76	TRANSISTOR	2SA1175-HFE				R331	1-259-468-61	CARBON	47K	5%	1/6W	
Q672	8-729-141-30	TRANSISTOR	2SC3623A-LK				R332	1-259-404-61	CARBON	100	5%	1/6W	
Q675	8-729-042-29	TRANSISTOR	2SA1038S-RSE-TP				R341	1-247-847-11	CARBON	4.7K	5%	1/4W	
Q676	8-729-042-29	TRANSISTOR	2SA1038S-RSE-TP				R342	1-249-401-11	CARBON	47	5%	1/4W	F
Q677	8-729-281-53	TRANSISTOR	2SC1815-GR				R351	1-259-428-61	CARBON	1K	5%	1/6W	
Q691	8-729-922-37	TRANSISTOR	2SD2144S-UVW				R352	1-259-476-61	CARBON	100K	5%	1/6W	
Q700	8-729-119-79	TRANSISTOR	2SC2785-FEK				R353	1-259-474-61	CARBON	82K	5%	1/6W	
Q721	8-729-119-76	TRANSISTOR	2SA1175-HFE				R354	1-259-410-61	CARBON	180	5%	1/6W	
Q722	8-729-141-30	TRANSISTOR	2SC3623A-LK				R355	1-259-450-61	CARBON	8.2K	5%	1/6W	
Q725	8-729-042-29	TRANSISTOR	2SA1038S-RSE-TP				R356	1-259-476-61	CARBON	100K	5%	1/6W	
Q726	8-729-042-29	TRANSISTOR	2SA1038S-RSE-TP				R357	1-259-404-61	CARBON	100	5%	1/6W	
Q727	8-729-281-53	TRANSISTOR	2SC1815-GR				R358	1-259-476-61	CARBON	100K	5%	1/6W	
Q791	8-729-922-37	TRANSISTOR	2SD2144S-UVW				R359	1-259-420-61	CARBON	470	5%	1/6W	
Q809	8-729-119-79	TRANSISTOR	2SC2785-FEK				R361	1-259-428-61	CARBON	1K	5%	1/6W	
< RESISTOR >							R363	1-259-428-61	CARBON	1K	5%	1/6W	
R201	1-249-429-11	CARBON	10K	5%	1/4W		R364	1-259-428-61	CARBON	1K	5%	1/6W	
R203	1-259-468-61	CARBON	47K	5%	1/6W		R365	1-259-468-61	CARBON	47K	5%	1/6W	
R204	1-259-428-61	CARBON	1K	5%	1/6W		R369	1-259-428-61	CARBON	1K	5%	1/6W	
R205	1-249-427-11	CARBON	6.8K	5%	1/4W		R371	1-259-428-61	CARBON	1K	5%	1/6W	
R210	1-249-429-11	CARBON	10K	5%	1/4W		R373	1-259-428-61	CARBON	1K	5%	1/6W	
R211	1-249-429-11	CARBON	10K	5%	1/4W		R380	1-247-887-00	CARBON	220K	5%	1/4W	
R212	1-247-887-00	CARBON	220K	5%	1/4W		R381	1-259-468-61	CARBON	47K	5%	1/6W	
R213	1-259-468-61	CARBON	47K	5%	1/6W		R382	1-259-404-61	CARBON	100	5%	1/6W	
R214	1-249-429-11	CARBON	10K	5%	1/4W		R390	1-249-429-11	CARBON	10K	5%	1/4W	
R215	1-247-863-11	CARBON	22K	5%	1/4W		R391	1-259-468-61	CARBON	47K	5%	1/6W	
R220	1-249-393-11	CARBON	10	5%	1/4W	F	R392	1-249-429-11	CARBON	10K	5%	1/4W	
△ R221	1-215-873-81	METAL OXIDE	4.7K	5%	1W	F	R393	1-249-429-11	CARBON	10K	5%	1/4W	
R222	1-259-420-61	CARBON	470	5%	1/6W		R394	1-259-476-61	CARBON	100K	5%	1/6W	
R233	1-247-847-11	CARBON	4.7K	5%	1/4W		R395	1-259-428-61	CARBON	1K	5%	1/6W	
R234	1-249-393-11	CARBON	10	5%	1/4W	F	R396	1-259-468-61	CARBON	47K	5%	1/6W	
R235	1-259-420-61	CARBON	470	5%	1/6W		R397	1-247-847-11	CARBON	4.7K	5%	1/4W	
R236	1-247-883-00	CARBON	150K	5%	1/4W		R398	1-249-409-11	CARBON	220	5%	1/4W	F
△ R240	1-215-868-00	METAL OXIDE	680	5%	1W	F	R400	1-247-863-11	CARBON	22K	5%	1/4W	
R245	1-247-847-11	CARBON	4.7K	5%	1/4W		R401	1-259-428-61	CARBON	1K	5%	1/6W	
R246	1-249-402-11	CARBON	56	5%	1/4W	F	R405	1-247-847-11	CARBON	4.7K	5%	1/4W	
R250	1-249-389-11	CARBON	4.7	5%	1/4W	F	R406	1-249-402-11	CARBON	56	5%	1/4W	F
R251	1-249-426-11	CARBON	5.6K	5%	1/4W		R407	1-259-420-61	CARBON	470	5%	1/6W	
R252	1-247-863-11	CARBON	22K	5%	1/4W		R408	1-259-420-61	CARBON	470	5%	1/6W	
△ R280	1-215-868-00	METAL OXIDE	680	5%	1W	F	R409	1-259-420-61	CARBON	470	5%	1/6W	
△ R290	1-240-877-11	FUSIBLE	0.15	5%	1/2W	F	R410	1-249-429-11	CARBON	10K	5%	1/4W	
R301	1-259-428-61	CARBON	1K	5%	1/6W		R411	1-259-428-61	CARBON	1K	5%	1/6W	
R302	1-259-476-61	CARBON	100K	5%	1/6W		R412	1-259-472-61	CARBON	68K	5%	1/6W	
R303	1-259-474-61	CARBON	82K	5%	1/6W		R413	1-259-468-61	CARBON	47K	5%	1/6W	
R304	1-259-410-61	CARBON	180	5%	1/6W		R414	1-259-468-61	CARBON	47K	5%	1/6W	
R305	1-259-450-61	CARBON	8.2K	5%	1/6W		R415	1-259-472-61	CARBON	68K	5%	1/6W	
R306	1-259-476-61	CARBON	100K	5%	1/6W		R416	1-259-436-61	CARBON	2.2K	5%	1/6W	
R307	1-259-404-61	CARBON	100	5%	1/6W		R421	1-259-474-61	CARBON	82K	5%	1/6W	
R308	1-259-476-61	CARBON	100K	5%	1/6W		R422	1-259-436-61	CARBON	2.2K	5%	1/6W	
R309	1-259-420-61	CARBON	470	5%	1/6W		R423	1-249-405-11	CARBON	100	5%	1/4W	F
R311	1-259-428-61	CARBON	1K	5%	1/6W		R424	1-249-414-11	CARBON	560	5%	1/4W	
R313	1-259-428-61	CARBON	1K	5%	1/6W		R425	1-249-405-11	CARBON	100	5%	1/4W	F
R314	1-259-428-61	CARBON	1K	5%	1/6W		R426	1-240-855-81	CARBON	6.2K	5%	1/4W	F
							R427	1-247-847-11	CARBON	4.7K	5%	1/4W	

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R428	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W				R522	1-259-436-61	CARBON	2.2K	5%	1/6W
R429	1-249-419-11	CARBON	1.5K	5%	1/4W	R523	1-249-405-11	CARBON	100	5%	1/4W F
R430	1-259-476-61	CARBON	100K	5%	1/6W	R524	1-249-414-11	CARBON	560	5%	1/4W
R431	1-249-393-11	CARBON	10	5%	1/4W F	R525	1-249-405-11	CARBON	100	5%	1/4W F
R432	1-249-435-11	CARBON	33K	5%	1/4W	R526	1-240-855-81	CARBON	6.2K	5%	1/4W F
R433	1-249-431-11	CARBON	15K	5%	1/4W	R527	1-247-847-11	CARBON	4.7K	5%	1/4W
R434	1-249-431-11	CARBON	15K	5%	1/4W	R528	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R435	1-259-468-61	CARBON	47K	5%	1/6W	R529	1-249-419-11	CARBON	1.5K	5%	1/4W
R436	1-247-863-11	CARBON	22K	5%	1/4W	R530	1-259-476-61	CARBON	100K	5%	1/6W
R437	1-259-468-61	CARBON	47K	5%	1/6W	R531	1-249-393-11	CARBON	10	5%	1/4W F
R439	1-249-389-11	CARBON	4.7	5%	1/4W F	R532	1-249-435-11	CARBON	33K	5%	1/4W
R440	1-259-468-61	CARBON	47K	5%	1/6W	R533	1-249-431-11	CARBON	15K	5%	1/4W
R441	1-259-468-61	CARBON	47K	5%	1/6W	R534	1-249-431-11	CARBON	15K	5%	1/4W
R443	1-249-429-11	CARBON	10K	5%	1/4W	R535	1-259-468-61	CARBON	47K	5%	1/6W
R444	1-259-476-61	CARBON	100K	5%	1/6W	R536	1-247-863-11	CARBON	22K	5%	1/4W
R445	1-259-428-61	CARBON	1K	5%	1/6W	R537	1-259-468-61	CARBON	47K	5%	1/6W
R446	1-247-847-11	CARBON	4.7K	5%	1/4W	R539	1-249-389-11	CARBON	4.7	5%	1/4W F
				(EXCEPT AR)		R543	1-249-429-11	CARBON	10K	5%	1/4W
R446	1-249-427-11	CARBON	6.8K	5%	1/4W	R544	1-259-476-61	CARBON	100K	5%	1/6W
				(AR)		R545	1-259-428-61	CARBON	1K	5%	1/6W
R451	1-259-428-61	CARBON	1K	5%	1/6W	R546	1-247-847-11	CARBON	4.7K	5%	1/4W
R461	1-259-428-61	CARBON	1K	5%	1/6W					(EXCEPT AR)	
R462	1-259-472-61	CARBON	68K	5%	1/6W	R546	1-249-427-11	CARBON	6.8K	5%	1/4W
R465	1-259-472-61	CARBON	68K	5%	1/6W					(AR)	
R466	1-259-436-61	CARBON	2.2K	5%	1/6W	R551	1-259-428-61	CARBON	1K	5%	1/6W
R469	1-259-468-61	CARBON	47K	5%	1/6W	R561	1-259-428-61	CARBON	1K	5%	1/6W
R470	1-259-468-61	CARBON	47K	5%	1/6W	R562	1-259-472-61	CARBON	68K	5%	1/6W
R471	1-259-474-61	CARBON	82K	5%	1/6W	R565	1-259-472-61	CARBON	68K	5%	1/6W
R472	1-259-436-61	CARBON	2.2K	5%	1/6W	R566	1-259-436-61	CARBON	2.2K	5%	1/6W
R473	1-249-405-11	CARBON	100	5%	1/4W F	R571	1-259-474-61	CARBON	82K	5%	1/6W
R474	1-249-414-11	CARBON	560	5%	1/4W	R572	1-259-436-61	CARBON	2.2K	5%	1/6W
R475	1-249-405-11	CARBON	100	5%	1/4W F	R573	1-249-405-11	CARBON	100	5%	1/4W F
R476	1-240-855-81	CARBON	6.2K	5%	1/4W F	R574	1-249-414-11	CARBON	560	5%	1/4W
R477	1-247-847-11	CARBON	4.7K	5%	1/4W	R575	1-249-405-11	CARBON	100	5%	1/4W F
R478	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W				R576	1-240-855-81	CARBON	6.2K	5%	1/4W F
R479	1-249-419-11	CARBON	1.5K	5%	1/4W	R577	1-247-847-11	CARBON	4.7K	5%	1/4W
R480	1-259-476-61	CARBON	100K	5%	1/6W	R578	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R481	1-249-393-11	CARBON	10	5%	1/4W F	R579	1-249-419-11	CARBON	1.5K	5%	1/4W
R482	1-249-435-11	CARBON	33K	5%	1/4W	R580	1-259-476-61	CARBON	100K	5%	1/6W
R483	1-249-431-11	CARBON	15K	5%	1/4W	R581	1-249-393-11	CARBON	10	5%	1/4W F
R484	1-249-431-11	CARBON	15K	5%	1/4W	R582	1-249-435-11	CARBON	33K	5%	1/4W
R485	1-259-468-61	CARBON	47K	5%	1/6W	R583	1-249-431-11	CARBON	15K	5%	1/4W
R486	1-247-863-11	CARBON	22K	5%	1/4W	R584	1-249-431-11	CARBON	15K	5%	1/4W
R487	1-259-468-61	CARBON	47K	5%	1/6W	R585	1-259-468-61	CARBON	47K	5%	1/6W
R489	1-249-389-11	CARBON	4.7	5%	1/4W F	R586	1-247-863-11	CARBON	22K	5%	1/4W
R493	1-249-429-11	CARBON	10K	5%	1/4W	R587	1-259-468-61	CARBON	47K	5%	1/6W
R494	1-259-476-61	CARBON	100K	5%	1/6W	R589	1-249-389-11	CARBON	4.7	5%	1/4W F
R495	1-259-428-61	CARBON	1K	5%	1/6W	R593	1-249-429-11	CARBON	10K	5%	1/4W
R496	1-247-847-11	CARBON	4.7K	5%	1/4W	R594	1-259-476-61	CARBON	100K	5%	1/6W
				(EXCEPT AR)		R595	1-259-428-61	CARBON	1K	5%	1/6W
R496	1-249-427-11	CARBON	6.8K	5%	1/4W	R596	1-247-847-11	CARBON	4.7K	5%	1/4W
				(AR)						(EXCEPT AR)	
R500	1-247-863-11	CARBON	22K	5%	1/4W	R596	1-249-427-11	CARBON	6.8K	5%	1/4W
R501	1-259-428-61	CARBON	1K	5%	1/6W					(AR)	
R511	1-259-428-61	CARBON	1K	5%	1/6W	R600	1-247-863-11	CARBON	22K	5%	1/4W
R512	1-259-472-61	CARBON	68K	5%	1/6W	R601	1-259-428-61	CARBON	1K	5%	1/6W
R515	1-259-472-61	CARBON	68K	5%	1/6W	R605	1-247-847-11	CARBON	4.7K	5%	1/4W
R516	1-259-436-61	CARBON	2.2K	5%	1/6W	R606	1-249-402-11	CARBON	56	5%	1/4W F
R521	1-259-474-61	CARBON	82K	5%	1/6W	R611	1-259-428-61	CARBON	1K	5%	1/6W

MAIN

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
R612	1-259-472-61	CARBON	68K	5%	1/6W		R696	1-247-847-11	CARBON	4.7K	5%	1/4W	
R615	1-259-472-61	CARBON	68K	5%	1/6W							(EXCEPT AR)	
R616	1-259-436-61	CARBON	2.2K	5%	1/6W		R696	1-249-427-11	CARBON	6.8K	5%	1/4W	
R621	1-259-474-61	CARBON	82K	5%	1/6W							(AR)	
R622	1-259-436-61	CARBON	2.2K	5%	1/6W		R700	1-247-863-11	CARBON	22K	5%	1/4W	
							R701	1-259-428-61	CARBON	1K	5%	1/6W	
R623	1-249-405-11	CARBON	100	5%	1/4W	F	R705	1-247-847-11	CARBON	4.7K	5%	1/4W	
R624	1-249-414-11	CARBON	560	5%	1/4W								
R625	1-249-405-11	CARBON	100	5%	1/4W	F	R706	1-249-402-11	CARBON	56	5%	1/4W	F
R626	1-240-855-81	CARBON	6.2K	5%	1/4W	F	R711	1-259-428-61	CARBON	1K	5%	1/6W	
R627	1-247-847-11	CARBON	4.7K	5%	1/4W		R712	1-259-472-61	CARBON	68K	5%	1/6W	
							R715	1-259-472-61	CARBON	68K	5%	1/6W	
R628	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W					R716	1-259-436-61	CARBON	2.2K	5%	1/6W	
R629	1-249-419-11	CARBON	1.5K	5%	1/4W								
R630	1-259-476-61	CARBON	100K	5%	1/6W		R721	1-259-474-61	CARBON	82K	5%	1/6W	
R631	1-249-393-11	CARBON	10	5%	1/4W	F	R722	1-259-436-61	CARBON	2.2K	5%	1/6W	
R632	1-249-435-11	CARBON	33K	5%	1/4W		R723	1-249-405-11	CARBON	100	5%	1/4W	F
							R724	1-249-414-11	CARBON	560	5%	1/4W	
R633	1-249-431-11	CARBON	15K	5%	1/4W		R725	1-249-405-11	CARBON	100	5%	1/4W	F
R634	1-249-431-11	CARBON	15K	5%	1/4W								
R635	1-259-468-61	CARBON	47K	5%	1/6W		R726	1-240-855-81	CARBON	6.2K	5%	1/4W	F
R636	1-247-863-11	CARBON	22K	5%	1/4W		R727	1-247-847-11	CARBON	4.7K	5%	1/4W	
R637	1-259-468-61	CARBON	47K	5%	1/6W		R728	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W				
							R729	1-249-419-11	CARBON	1.5K	5%	1/4W	
R639	1-249-389-11	CARBON	4.7	5%	1/4W	F	R730	1-259-476-61	CARBON	100K	5%	1/6W	
R643	1-249-429-11	CARBON	10K	5%	1/4W								
R644	1-259-476-61	CARBON	100K	5%	1/6W		R731	1-249-393-11	CARBON	10	5%	1/4W	F
R645	1-259-428-61	CARBON	1K	5%	1/6W		R732	1-249-435-11	CARBON	33K	5%	1/4W	
R646	1-247-847-11	CARBON	4.7K	5%	1/4W		R733	1-249-431-11	CARBON	15K	5%	1/4W	
					(EXCEPT AR)		R734	1-249-431-11	CARBON	15K	5%	1/4W	
							R735	1-259-468-61	CARBON	47K	5%	1/6W	
R646	1-249-427-11	CARBON	6.8K	5%	1/4W								
					(AR)		R736	1-247-863-11	CARBON	22K	5%	1/4W	
R651	1-259-428-61	CARBON	1K	5%	1/6W		R737	1-259-468-61	CARBON	47K	5%	1/6W	
R656	1-259-428-61	CARBON	1K	5%	1/6W		R739	1-249-389-11	CARBON	4.7	5%	1/4W	F
R658	1-259-436-61	CARBON	2.2K	5%	1/6W		R746	1-247-847-11	CARBON	4.7K	5%	1/4W	
R659	1-249-415-11	CARBON	680	5%	1/4W							(EXCEPT AR)	
							R746	1-249-427-11	CARBON	6.8K	5%	1/4W	(AR)
R661	1-259-428-61	CARBON	1K	5%	1/6W								
R662	1-259-472-61	CARBON	68K	5%	1/6W								
R665	1-259-472-61	CARBON	68K	5%	1/6W		R751	1-259-428-61	CARBON	1K	5%	1/6W	
R666	1-259-436-61	CARBON	2.2K	5%	1/6W		R772	1-259-476-61	CARBON	100K	5%	1/6W	
R671	1-259-474-61	CARBON	82K	5%	1/6W		R793	1-249-429-11	CARBON	10K	5%	1/4W	
							R794	1-259-476-61	CARBON	100K	5%	1/6W	
R672	1-259-436-61	CARBON	2.2K	5%	1/6W		R795	1-259-428-61	CARBON	1K	5%	1/6W	
R673	1-249-405-11	CARBON	100	5%	1/4W	F							
R674	1-249-414-11	CARBON	560	5%	1/4W		R824	1-247-847-11	CARBON	4.7K	5%	1/4W	
R675	1-249-405-11	CARBON	100	5%	1/4W	F	R830	1-249-399-11	CARBON	33	5%	1/4W	F
R676	1-240-855-81	CARBON	6.2K	5%	1/4W	F							
									< RELAY >				
R677	1-247-847-11	CARBON	4.7K	5%	1/4W								
R678	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W					RY240	1-755-170-11	RELAY (12V)				
R679	1-249-419-11	CARBON	1.5K	5%	1/4W		RY300	1-755-486-11	RELAY				
R680	1-259-476-61	CARBON	100K	5%	1/6W		RY351	1-755-267-11	RELAY				
R681	1-249-393-11	CARBON	10	5%	1/4W	F	RY400	1-755-170-11	RELAY (12V)				
							RY600	1-755-170-11	RELAY (12V)				
R682	1-249-435-11	CARBON	33K	5%	1/4W								
R683	1-249-431-11	CARBON	15K	5%	1/4W		RY700	1-755-170-11	RELAY (12V)				
R684	1-249-431-11	CARBON	15K	5%	1/4W		RY802	1-755-520-11	RELAY				
R685	1-259-468-61	CARBON	47K	5%	1/6W		RY803	1-755-520-11	RELAY				
R686	1-247-863-11	CARBON	22K	5%	1/4W								
									< TERMINAL BOARD >				
R687	1-259-468-61	CARBON	47K	5%	1/6W								
R689	1-249-389-11	CARBON	4.7	5%	1/4W	F	TM601	1-694-992-11	TERMINAL BOARD (2P) (SPEAKERS CENTER)				
R693	1-249-429-11	CARBON	10K	5%	1/4W		TM602	1-694-935-12	TERMINAL BOARD (8P) (SPEAKERS				
R694	1-259-476-61	CARBON	100K	5%	1/6W				SURROUND,SURROUND BACK)				
R695	1-259-428-61	CARBON	1K	5%	1/6W				*****				

OPT3

POWER

SPEAKER

STBY

Ref. No.	Part No.	Description	Remark			
OPT3 BOARD						

< CAPACITOR >						
C2003	1-164-159-11	CERAMIC	0.1uF	50V		
< CONNECTOR >						
CN291	1-779-978-11	PIN, CONNECTOR 3P				
< IC >						
IC2010	6-600-057-01	IC TORX141PL (VIDEO 3 INPUT	DIGITAL(OPT))			
< COIL >						
L2002	1-410-517-11	INDUCTOR	47uH			
< RESISTOR >						
R2002	1-247-807-31	CARBON	100	5%	1/4W	

POWER BOARD						

< CAPACITOR >						
C188	1-126-947-11	ELECT	47uF	20%	35V	
< CONNECTOR >						
CN105	1-573-787-11	SOCKET, CONNECTOR 6P				
< IC >						
IC103	6-600-349-31	IC NJL24H400A (IR)				
< RESISTOR >						
R114	1-247-847-11	CARBON	4.7K	5%	1/4W	
R115	1-249-429-11	CARBON	10K	5%	1/4W	
R116	1-247-863-11	CARBON	22K	5%	1/4W	
R186	1-249-393-11	CARBON	10	5%	1/4W F	
R187	1-247-807-31	CARBON	100	5%	1/4W	
< SWITCH >						
S114	1-771-410-21	SWITCH, TACTILE (DIMMER)				
S115	1-771-410-21	SWITCH, TACTILE (DISPLAY)				
S116	1-771-410-21	SWITCH, TACTILE (SPEAKERS (OFF/A/B/A+B))				
S141	1-771-410-21	SWITCH, TACTILE (I/⏻)				

SPEAKER BOARD						

< CONNECTOR >						
CNP851	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P				
CNP852	1-691-766-11	PLUG (MICRO CONNECTOR) 4P				
< DIODE >						
D2880	8-719-991-33	DIODE 1SS133T-77				
D2881	8-719-991-33	DIODE 1SS133T-77				

Ref. No.	Part No.	Description	Remark			
< TRANSISTOR >						
Q2880	8-729-119-79	TRANSISTOR	2SC2785-FEK			
Q2881	8-729-119-79	TRANSISTOR	2SC2785-FEK			
< RESISTOR >						
R2870	1-249-402-11	CARBON	56	5%	1/4W	F
R2871	1-247-847-11	CARBON	4.7K	5%	1/4W	
R2872	1-249-402-11	CARBON	56	5%	1/4W	F
R2873	1-247-847-11	CARBON	4.7K	5%	1/4W	
< RELAY >						
RY2880	1-755-170-11	RELAY (12V)				
RY2881	1-755-170-11	RELAY (12V)				
< TERMINAL BOARD >						
TM2880	1-694-935-12	TERMINAL BOARD (8P) (SPEAKERS	FRONT A,FRONT B)			

	A-4751-322-A	STBY BOARD, COMPLETE (US,CND)				
	A-4752-105-A	STBY BOARD, COMPLETE (E2)				
	A-4753-119-A	STBY BOARD, COMPLETE (AR)				

	1-533-293-11	HOLDER, FUSE				
< CAPACITOR >						
C851	1-126-936-11	ELECT	3300uF	20%	16V	
C852	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C853	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C861	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C862	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C863	1-126-941-11	ELECT	470uF	20%	25V	
C864	1-126-943-11	ELECT	2200uF	20%	25V	
C901	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C902	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C903	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C921	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C922	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C923	1-126-959-11	ELECT	0.47uF	20%	50V	
C924	1-126-936-11	ELECT	3300uF	20%	16V	
< CONNECTOR >						
CNP810	1-779-799-11	PIN, CONNECTOR 9P				
CNP815	1-691-767-11	PLUG (MICRO CONNECTOR) 5P				
CNP901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P				
* CNP905	1-565-792-11	PIN, CONNECTOR (3.96mm PITCH) 2P				
< DIODE >						
D851	8-719-053-18	DIODE	1SR154-400TE-25			
D852	8-719-053-18	DIODE	1SR154-400TE-25			
D853	8-719-053-18	DIODE	1SR154-400TE-25			
D854	8-719-053-18	DIODE	1SR154-400TE-25			
D865	8-719-028-23	DIODE	D3SBA20-4101			
D911	8-719-016-74	DIODE	1SS352			
D921	8-719-053-18	DIODE	1SR154-400TE-25			
D922	8-719-053-18	DIODE	1SR154-400TE-25			
D923	8-719-053-18	DIODE	1SR154-400TE-25			
D924	8-719-053-18	DIODE	1SR154-400TE-25			

Ref. No.	Part No.	Description	Remark			
D925	8-719-016-74	DIODE 1SS352				
D926	8-719-016-74	DIODE 1SS352				
< EARTH TERMINAL >						
* ETP901	1-537-738-21	TERMINAL, EARTH				
* ETP902	1-537-738-21	TERMINAL, EARTH				
< AC OUTLET >						
△ J911	1-251-718-11	OUTLET (2 GANG), AC (AC OUTLET) (US,CND)				
△ J911	1-785-834-11	OUTLET (1 GANG), AC (AC OUTLET) (E2)				
< TRANSISTOR >						
Q911	8-729-230-49	TRANSISTOR 2SC2712-YG				
Q921	8-729-230-49	TRANSISTOR 2SC2712-YG				
< RESISTOR >						
△ R851	1-240-877-11	FUSIBLE	0.15	5%	1/2W	F
△ R861	1-219-591-11	FUSIBLE	0.1	5%	1/2W	F
△ R862	1-219-591-11	FUSIBLE	0.1	5%	1/2W	F
△ R901	1-219-237-11	SOLID	3.3M	20%	1/2W	F
					(US,CND)	
R904	1-249-381-11	CARBON	1	5%	1/4W	F
R912	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R913	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R921	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R922	1-216-839-11	METAL CHIP	33K	5%	1/10W	
R923	1-216-833-11	METAL CHIP	10K	5%	1/10W	
< RELAY >						
△ RY911	1-755-519-11	RELAY				
< TRANSFORMER >						
△ T902	1-435-281-11	TRANSFORMER, POWER (US,CND)				
△ T902	1-435-282-11	TRANSFORMER, POWER (AR)				
△ T902	1-435-283-11	TRANSFORMER, POWER (E2)				

S-VIDEO BOARD						

< CAPACITOR >						
C2106	1-128-817-11	CERAMIC	470PF	5%	50V	
C2107	1-128-805-11	CERAMIC	47PF	5%	50V	
C2108	1-128-805-11	CERAMIC	47PF	5%	50V	
C2109	1-126-964-11	ELECT	10uF	20%	50V	
C2110	1-164-159-11	CERAMIC	0.1uF		50V	
C2111	1-126-964-11	ELECT	10uF	20%	50V	
C2112	1-164-159-11	CERAMIC	0.1uF		50V	
C2113	1-128-817-11	CERAMIC	470PF	5%	50V	
C2114	1-164-159-11	CERAMIC	0.1uF		50V	
C2115	1-128-805-11	CERAMIC	47PF	5%	50V	
C2116	1-128-805-11	CERAMIC	47PF	5%	50V	
C2117	1-126-964-11	ELECT	10uF	20%	50V	
C2118	1-164-159-11	CERAMIC	0.1uF		50V	
C2119	1-128-817-11	CERAMIC	470PF	5%	50V	
C2120	1-164-159-11	CERAMIC	0.1uF		50V	
C2121	1-126-947-11	ELECT	47uF	20%	35V	
C2124	1-126-947-11	ELECT	47uF	20%	35V	

Ref. No.	Part No.	Description	Remark			
C2125	1-164-159-11	CERAMIC	0.1uF	50V		
C2127	1-164-159-11	CERAMIC	0.1uF	50V		
< CONNECTOR >						
CNS202	1-784-776-11	CONNECTOR, FFC 15P				
CNS204	1-568-828-11	CONNECTOR, FFC 9P				
< DIODE >						
D2102	8-719-991-33	DIODE	1SS133T-77			
D2103	8-719-991-33	DIODE	1SS133T-77			
< IC >						
IC2101	6-701-890-01	IC	NJM2595D			
IC2102	6-701-890-01	IC	NJM2595D			
< JACK >						
J2104	1-537-943-11	CONNECTOR (DIN) 1P (MONITOR	S-VIDEO OUT)			
J2105	1-794-937-11	CONNECTOR (DIN) 2P (TV/SAT S-VIDEO IN,	DVD S-VIDEO IN)			
J2106	1-794-937-11	CONNECTOR (DIN) 2P (VIDEO 1	S-VIDEO OUT/IN)			
< RESISTOR >						
R2103	1-247-804-11	CARBON	75	5%	1/4W	
R2104	1-247-804-11	CARBON	75	5%	1/4W	
R2105	1-247-804-11	CARBON	75	5%	1/4W	
R2106	1-247-804-11	CARBON	75	5%	1/4W	
R2107	1-247-804-11	CARBON	75	5%	1/4W	
R2108	1-247-804-11	CARBON	75	5%	1/4W	
R2109	1-247-804-11	CARBON	75	5%	1/4W	
R2110	1-247-804-11	CARBON	75	5%	1/4W	
R2111	1-247-804-11	CARBON	75	5%	1/4W	
R2112	1-247-804-11	CARBON	75	5%	1/4W	

TUNING BOARD						

< CONNECTOR >						
* CNP102	1-764-210-11	CONNECTOR, BOARD TO BOARD 12P				
< RESISTOR >						
R104	1-249-429-11	CARBON	10K	5%	1/4W	
R105	1-247-863-11	CARBON	22K	5%	1/4W	
R106	1-247-871-11	CARBON	47K	5%	1/4W	
R121	1-247-831-11	CARBON	1K	5%	1/4W	
R122	1-249-421-11	CARBON	2.2K	5%	1/4W	
R123	1-249-421-11	CARBON	2.2K	5%	1/4W	
R124	1-247-847-11	CARBON	4.7K	5%	1/4W	
R125	1-249-429-11	CARBON	10K	5%	1/4W	
R126	1-247-863-11	CARBON	22K	5%	1/4W	
< ROTARY ENCODER >						
RV102	1-418-817-11	ENCODER, ROTARY (-/+)				
< SWITCH >						
S104	1-771-410-21	SWITCH, TACTILE (ENTER)				

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

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

UP CONVERT

VIDEO

Ref. No.	Part No.	Description	Remark		
Q3105	8-729-230-49	TRANSISTOR	2SC2712-YG (US,CND)		
Q3106	8-729-216-22	TRANSISTOR	2SA1162-G (US,CND)		
Q3107	8-729-216-22	TRANSISTOR	2SA1162-G (US,CND)		
Q3108	8-729-230-49	TRANSISTOR	2SC2712-YG (US,CND)		
Q3109	8-729-230-49	TRANSISTOR	2SC2712-YG (US,CND)		
Q3110	8-729-230-49	TRANSISTOR	2SC2712-YG (US,CND)		
Q3111	8-729-216-22	TRANSISTOR	2SA1162-G (US,CND)		
Q3112	8-729-216-22	TRANSISTOR	2SA1162-G (US,CND)		
< RESISTOR >					
R3101	1-216-822-11	METAL CHIP	1.2K	5%	1/10W (US,CND)
R3102	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W (US,CND)
R3103	1-216-818-11	METAL CHIP	560	5%	1/10W (US,CND)
R3104	1-216-822-11	METAL CHIP	1.2K	5%	1/10W (US,CND)
R3105	1-216-820-11	METAL CHIP	820	5%	1/10W (US,CND)
R3106	1-216-820-11	METAL CHIP	820	5%	1/10W (US,CND)
R3107	1-216-834-11	METAL CHIP	12K	5%	1/10W (US,CND)
R3108	1-216-818-11	METAL CHIP	560	5%	1/10W (US,CND)
R3110	1-216-820-11	METAL CHIP	820	5%	1/10W (US,CND)
R3111	1-216-820-11	METAL CHIP	820	5%	1/10W (US,CND)
R3112	1-216-818-11	METAL CHIP	560	5%	1/10W (US,CND)
R3113	1-216-822-11	METAL CHIP	1.2K	5%	1/10W (US,CND)
R3114	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W (US,CND)
R3115	1-216-818-11	METAL CHIP	560	5%	1/10W (US,CND)
R3116	1-216-822-11	METAL CHIP	1.2K	5%	1/10W (US,CND)
R3117	1-216-820-11	METAL CHIP	820	5%	1/10W (US,CND)
R3118	1-216-809-11	METAL CHIP	100	5%	1/10W (US,CND)
R3120	1-216-834-11	METAL CHIP	12K	5%	1/10W (US,CND)
R3121	1-216-818-11	METAL CHIP	560	5%	1/10W (US,CND)
R3122	1-260-354-71	CARBON	150K	5%	1/2W F (US,CND)
R3123	1-216-820-11	METAL CHIP	820	5%	1/10W (US,CND)
R3124	1-216-818-11	METAL CHIP	560	5%	1/10W (US,CND)
R3125	1-216-822-11	METAL CHIP	1.2K	5%	1/10W (US,CND)
R3126	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W (US,CND)
R3127	1-216-818-11	METAL CHIP	560	5%	1/10W (US,CND)
R3128	1-216-822-11	METAL CHIP	1.2K	5%	1/10W (US,CND)

Ref. No.	Part No.	Description			Remark
R3129	1-216-820-11	METAL CHIP	820	5%	1/10W (US,CND)
R3130	1-216-809-11	METAL CHIP	100	5%	1/10W (US,CND)
R3131	1-216-816-11	METAL CHIP	390	5%	1/10W (US,CND)
R3132	1-216-834-11	METAL CHIP	12K	5%	1/10W (US,CND)
R3133	1-216-818-11	METAL CHIP	560	5%	1/10W (US,CND)
R3134	1-260-354-71	CARBON	150K	5%	1/2W F (US,CND)
R3136	1-216-833-11	METAL CHIP	10K	5%	1/10W (US,CND)
R3137	1-216-833-11	METAL CHIP	10K	5%	1/10W (US,CND)
R3138	1-216-830-11	METAL CHIP	5.6K	5%	1/10W (US,CND)
R3139	1-216-835-11	METAL CHIP	15K	5%	1/10W (US,CND)
R3140	1-216-857-11	METAL CHIP	1M	5%	1/10W (US,CND)
R3141	1-216-816-11	METAL CHIP	390	5%	1/10W (US,CND)
R3142	1-218-285-11	METAL CHIP	75	5%	1/10W (US,CND)
R3143	1-218-285-11	METAL CHIP	75	5%	1/10W (US,CND)
R3144	1-216-821-11	METAL CHIP	1K	5%	1/10W (US,CND)
R3145	1-216-819-11	METAL CHIP	680	5%	1/10W (US,CND)
R3146	1-216-814-11	METAL CHIP	270	5%	1/10W (US,CND)
< VIBRATOR >					
X3100	1-781-342-21	OSCILLATOR, CRYSTAL (3.5795MHz) (US,CND)			

	A-1060-737-A	VIDEO BOARD, COMPLETE (E2,AR)			
	A-4751-326-A	VIDEO BOARD, COMPLETE (US,CND)			

	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
< CAPACITOR >					
C2301	1-126-960-11	ELECT	1uF	20%	50V (US,CND)
C2302	1-126-925-11	ELECT	470uF	20%	10V (US,CND)
C2303	1-126-925-11	ELECT	470uF	20%	10V (US,CND)
C2304	1-164-156-11	CERAMIC CHIP	0.1uF		25V (US,CND)
C2305	1-126-947-11	ELECT	47uF	20%	35V (US,CND)
C2306	1-162-923-11	CERAMIC CHIP	47PF	5%	50V (US,CND)
C2320	1-126-964-11	ELECT	10uF	20%	50V (US,CND)
C2321	1-126-964-11	ELECT	10uF	20%	50V (US,CND)

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark			
C2322	1-126-964-11	ELECT	10uF	20%	50V (US,CND)	IC2306	8-759-701-65	IC NJM79M05FA				
C2325	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	IC2307	6-701-891-01	IC NJM2581D				
C2328	1-126-964-11	ELECT	10uF	20%	50V	IC2308	8-759-231-66	IC TC74HC4053AP				
C2329	1-126-947-11	ELECT	47uF	20%	35V	IC2309	8-759-231-58	IC TA7812S				
C2330	1-164-156-11	CERAMIC CHIP	0.1uF		25V	< JACK >						
C2333	1-164-156-11	CERAMIC CHIP	0.1uF		25V	J2301	1-695-317-11	JACK, PIN 2P (TV/SAT VIDEO IN, DVD VIDEO IN)				
C2334	1-126-947-11	ELECT	47uF	20%	35V	J2302	1-695-317-11	JACK, PIN 2P (VIDEO 2 VIDEO OUT/IN)				
C2335	1-126-947-11	ELECT	47uF	20%	35V	J2303	1-770-337-11	JACK, PIN 3P (VIDEO 1 VIDEO OUT/IN, MONITOR VIDEO OUT)				
C2336	1-126-947-11	ELECT	47uF	20%	35V	J2304	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO TV/SAT IN,DVD IN,MONITOR OUT)				
C2337	1-164-156-11	CERAMIC CHIP	0.1uF		25V	J2305	1-563-330-31	JACK (CTRL A1 II)				
C2338	1-164-156-11	CERAMIC CHIP	0.1uF		25V	< TRANSISTOR >						
C2339	1-126-947-11	ELECT	47uF	20%	35V	Q2347	8-729-027-43	TRANSISTOR	DTC114EKA-T146			
C2340	1-164-156-11	CERAMIC CHIP	0.1uF		25V	Q2390	8-729-216-22	TRANSISTOR	2SA1162-G (US,CND)			
C2341	1-126-964-11	ELECT	10uF	20%	50V	Q2391	8-729-027-43	TRANSISTOR	DTC114EKA-T146 (US,CND)			
C2342	1-126-964-11	ELECT	10uF	20%	50V	Q2392	8-729-230-49	TRANSISTOR	2SC2712-YG (US,CND)			
C2343	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	Q2393	8-729-216-22	TRANSISTOR	2SA1162-G (US,CND)			
C2344	1-126-964-11	ELECT	10uF	20%	50V	Q2394	8-729-230-49	TRANSISTOR	2SC2712-YG (US,CND)			
C2345	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	< RESISTOR >						
C2346	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	R2301	1-216-821-11	METAL CHIP	1K	5%	1/10W (US,CND)	
C2347	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	R2302	1-216-821-11	METAL CHIP	1K	5%	1/10W (US,CND)	
C2348	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	R2303	1-216-821-11	METAL CHIP	1K	5%	1/10W (US,CND)	
C2349	1-126-964-11	ELECT	10uF	20%	50V	R2315	1-218-285-11	METAL CHIP	75	5%	1/10W	
C2350	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	R2316	1-218-285-11	METAL CHIP	75	5%	1/10W	
C2351	1-126-964-11	ELECT	10uF	20%	50V	R2317	1-218-285-11	METAL CHIP	75	5%	1/10W	
C2352	1-164-156-11	CERAMIC CHIP	0.1uF		25V	R2318	1-218-285-11	METAL CHIP	75	5%	1/10W	
C2354	1-164-156-11	CERAMIC CHIP	0.1uF		25V	R2319	1-218-285-11	METAL CHIP	75	5%	1/10W	
C2357	1-164-156-11	CERAMIC CHIP	0.1uF		25V	R2320	1-218-285-11	METAL CHIP	75	5%	1/10W	
C2358	1-164-156-11	CERAMIC CHIP	0.1uF		25V	R2321	1-218-285-11	METAL CHIP	75	5%	1/10W	
C2360	1-126-964-11	ELECT	10uF	20%	50V	R2322	1-218-285-11	METAL CHIP	75	5%	1/10W	
C2361	1-126-964-11	ELECT	10uF	20%	50V	R2323	1-216-821-11	METAL CHIP	1K	5%	1/10W (US,CND)	
C2362	1-126-964-11	ELECT	10uF	20%	50V	R2324	1-216-813-11	METAL CHIP	220	5%	1/10W (US,CND)	
C2363	1-126-964-11	ELECT	10uF	20%	50V	R2325	1-216-823-11	METAL CHIP	1.5K	5%	1/10W (US,CND)	
C2364	1-126-964-11	ELECT	10uF	20%	50V	R2326	1-216-821-11	METAL CHIP	1K	5%	1/10W (US,CND)	
C2370	1-126-965-11	ELECT	22uF	20%	50V (US,CND)	R2327	1-216-833-11	METAL CHIP	10K	5%	1/10W (US,CND)	
C2371	1-126-964-11	ELECT	10uF	20%	50V (US,CND)	R2328	1-216-823-11	METAL CHIP	1.5K	5%	1/10W (US,CND)	
C2372	1-126-964-11	ELECT	10uF	20%	50V (US,CND)	R2329	1-216-833-11	METAL CHIP	10K	5%	1/10W (US,CND)	
C2375	1-164-156-11	CERAMIC CHIP	0.1uF		25V	R2330	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (US,CND)	
C2377	1-126-947-11	ELECT	47uF	20%	35V	R2331	1-216-833-11	METAL CHIP	10K	5%	1/10W (US,CND)	
C2379	1-164-156-11	CERAMIC CHIP	0.1uF		25V	R2332	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (US,CND)	
< CONNECTOR >						R2333	1-249-381-11	CARBON	1	5%	1/4W F (US,CND)	
CNP207	1-779-977-11	PIN, CONNECTOR 6P				R2334	1-218-285-11	METAL CHIP	75	5%	1/10W	
CNP390	1-766-600-21	CONNECTOR, BOARD TO BOARD 7P (US,CND)										
CNS201	1-784-776-11	CONNECTOR, FFC 15P										
< DIODE >												
D2390	8-719-016-74	DIODE 1SS352 (US,CND)										
D2392	8-719-016-74	DIODE 1SS352										
D2393	8-719-016-74	DIODE 1SS352										
< IC >												
IC2302	8-759-682-76	IC BA7622F-E2-A (US,CND)										
IC2303	6-701-890-01	IC NJM2595D										
IC2304	8-759-231-53	IC TA7805S										
IC2305	8-759-071-48	IC TA7807S										

STR-DE897

VIDEO VIDEO (AU) VOLUME V3

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>
R2335	1-218-285-11	METAL CHIP	75	5%	1/10W
R2336	1-218-285-11	METAL CHIP	75	5%	1/10W
R2337	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2338	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2339	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2340	1-218-285-11	METAL CHIP	75	5%	1/10W
R2341	1-218-285-11	METAL CHIP	75	5%	1/10W
R2342	1-218-285-11	METAL CHIP	75	5%	1/10W
R2343	1-218-285-11	METAL CHIP	75	5%	1/10W
R2344	1-218-285-11	METAL CHIP	75	5%	1/10W
R2345	1-218-285-11	METAL CHIP	75	5%	1/10W
R2346	1-216-809-11	METAL CHIP	100	5%	1/10W
R2347	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2348	1-216-821-11	METAL CHIP	1K	5%	1/10W

< RELAY >

RY2390 1-755-184-11 RELAY (US,CND)

VIDEO (AU) BOARD

< CAPACITOR >

C2552	1-164-159-11	CERAMIC	0.1uF		50V
C2553	1-164-159-11	CERAMIC	0.1uF		50V
C2554	1-126-964-11	ELECT	10uF	20%	50V
C2555	1-126-964-11	ELECT	10uF	20%	50V
C2556	1-126-964-11	ELECT	10uF	20%	50V

C2557	1-126-964-11	ELECT	10uF	20%	50V
C2558	1-164-159-11	CERAMIC	0.1uF		50V
C2559	1-164-159-11	CERAMIC	0.1uF		50V
C2560	1-126-964-11	ELECT	10uF	20%	50V
C2561	1-126-964-11	ELECT	10uF	20%	50V

C2562	1-128-809-11	CERAMIC	100PF	5%	50V
C2563	1-128-809-11	CERAMIC	100PF	5%	50V
C2564	1-128-809-11	CERAMIC	100PF	5%	50V
C2565	1-126-964-11	ELECT	10uF	20%	50V
C2566	1-126-964-11	ELECT	10uF	20%	50V

< CONNECTOR >

CNP208 1-784-930-11 PIN. CONNECTOR 15P

< IC >

IC2560 8-759-712-73 IC TC9273N-006

< JACK >

J2551	1-774-785-11	JACK, PIN 1P (PRE OUT SUB WOOFER)
J2552	1-774-411-11	JACK, PIN 6P (TV/SAT AUDIO IN, DVD AUDIO IN,VIDEO 2 AUDIO OUT)
J2553	1-774-411-11	JACK, PIN 6P (VIDEO 2 AUDIO IN, VIDEO 1 AUDIO OUT/IN)

< RESISTOR >

R2551	1-259-428-61	CARBON	1K	5%	1/6W
R2552	1-259-428-61	CARBON	1K	5%	1/6W
R2553	1-259-428-61	CARBON	1K	5%	1/6W
R2554	1-259-428-61	CARBON	1K	5%	1/6W
R2559	1-259-428-61	CARBON	1K	5%	1/6W

Ref. No.	Part No.	Description			Remark
R2560	1-259-428-61	CARBON	1K	5%	1/6W
R2561	1-259-468-61	CARBON	47K	5%	1/6W
R2562	1-259-468-61	CARBON	47K	5%	1/6W
R2563	1-259-428-61	CARBON	1K	5%	1/6W
R2564	1-259-428-61	CARBON	1K	5%	1/6W
R2565	1-259-428-61	CARBON	1K	5%	1/6W
R2568	1-259-428-61	CARBON	1K	5%	1/6W
R2569	1-259-428-61	CARBON	1K	5%	1/6W
R2570	1-259-428-61	CARBON	1K	5%	1/6W
R2571	1-259-468-61	CARBON	47K	5%	1/6W
R2572	1-259-468-61	CARBON	47K	5%	1/6W
R2575	1-259-428-61	CARBON	1K	5%	1/6W
R2576	1-259-428-61	CARBON	1K	5%	1/6W
R2577	1-259-428-61	CARBON	1K	5%	1/6W
R2578	1-259-428-61	CARBON	1K	5%	1/6W
R2579	1-259-428-61	CARBON	1K	5%	1/6W
R2580	1-259-428-61	CARBON	1K	5%	1/6W
R2581	1-259-468-61	CARBON	47K	5%	1/6W

VOLUME BOARD

< ROTARY ENCODER >

RV103 1-418-725-41 ENCODER, ROTARY (12 TYPE)
(MASTER VOLUME)

V3 BOARD

< CAPACITOR >

C2051	1-127-880-11	CERAMIC	0.022uF	10%	50V
C2052	1-127-876-11	CERAMIC	0.01uF	10%	50V
C2057	1-128-809-11	CERAMIC	100PF	5%	50V
C2058	1-128-809-11	CERAMIC	100PF	5%	50V

< CONNECTOR >

CN299 1-784-922-11 PIN, CONNECTOR 5P

< JACK >

J2052 1-817-374-11 JACK, PIN 3P (VIDEO 3 INPUT
VIDEO,AUDIO L/R)

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS				ACCESSORIES	
		*****				*****	
58	1-773-331-11	WIRE (FLAT TYPE) (31 CORE)			1-478-634-11	COMMANDER, STANDARD (RM-PG413)	
102	1-769-937-11	WIRE (FLAT TYPE) (11 CORE)			1-501-374-12	ANTENNA, LOOP (AM)	
103	1-769-907-11	WIRE (FLAT TYPE) (9 CORE)		△	1-569-008-22	ADAPTOR, CONVERSION 2P (E2)	
104	1-773-001-11	WIRE (FLAT TYPE) (15 CORE)			1-793-184-23	CONNECTOR (F TYPE ADAPTOR) (FM)	
△ 108	1-769-744-11	CORD, POWER (E2)			3-071-119-01	COVER, BATTERY (for RM-PG413)	
△ 108	1-783-820-11	CORD, POWER (US,CND)			4-253-072-11	MANUAL, INSTRUCTION (ENGLISH)	
△ 108	1-783-941-12	CORD, POWER (AR)			4-253-072-21	MANUAL, INSTRUCTION (FRENCH) (CND,E2)	
△ F901	1-532-465-32	FUSE (T3.15AL/250V) (AR)			4-253-072-31	MANUAL, INSTRUCTION (SPANISH) (E2,AR)	
△ F901	1-576-193-11	FUSE (6.3A/125V) (US,CND)					
△ F902	1-532-464-32	FUSE (T2.5AL/250V) (E2)					
△ F902	1-533-453-12	FUSE, GLASS TUBE (DIA.5) (5A/125V)	(US,CND)				
△ F904	1-532-465-32	FUSE (T3.15AL/250V) (E2)					
Q423	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)					
Q423	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)					
Q424	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)					
Q424	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)					
Q473	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)					
Q473	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)					
Q474	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)					
Q474	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)					
Q523	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)					
Q523	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)					
Q524	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)					
Q524	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)					
Q573	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)					
Q573	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)					
Q574	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)					
Q574	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)					
Q623	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)					
Q623	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)					
Q624	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)					
Q624	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)					
Q673	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)					
Q673	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)					
Q674	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)					
Q674	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)					
Q723	8-729-051-92	TRANSISTOR 2SD2560 (EXCEPT US)					
Q723	8-749-010-25	TRANSISTOR MN2488-OPY-M (US)					
Q724	8-729-051-93	TRANSISTOR 2SB1647 (EXCEPT US)					
Q724	8-749-010-26	TRANSISTOR MP1620-OPY-M (US)					
△ T901	1-439-586-12	TRANSFORMER, POWER (US,CND)					
△ T901	1-439-589-12	TRANSFORMER, POWER (E2)					
△ T901	1-443-264-11	TRANSFORMER, POWER (AR)					
TN1	1-693-577-13	TUNER PACK (ANTENNA)					

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

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REVISION HISTORY

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