STR-DE898/DE998

SERVICE MANUAL

Ver. 1.1 2005. 07

US Model
Canadian Model
STR-DE898/DE998
E Model
Australian Model
STR-DE898

Photo: STR-DE998

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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 (STR-DE898)/ 110 watts (STR-DE998) 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 STR-DE898: US, CND
Rated Power Output at Stereo Mode
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
100 W + 100 W 1)
(8 ohms 1 kHz, THD 0.7 %)
110 W + 110 W 1)
(8 ohms 1 kHz, THD 10 %)
140 W + 140 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
(8 ohms 1 kHz, THD 10 %)
FRONT 2) : 140 W/ch
CENTER 2) : 140 W
SURR 2) : 140 W/ch
SURR BACK 2) : 140 W/ch

Models of area code E2
Rated Power Output at Stereo Mode
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
90 W + 90 W 1)
(8 ohms 1 kHz, THD 0.7 %)
100 W + 100 W 1)
(8 ohms 1 kHz, THD 10 %)
125 W + 125 W 1)
Reference Power Output 1)
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
FRONT 2) : 115 W/ch
CENTER 2) : 115 W
SURR 2) : 115 W/ch
SURR BACK 2) : 115 W/ch
(8 ohms 1 kHz, THD 0.7 %)
FRONT 2) : 125 W/ch
CENTER 2) : 125 W
SURR 2) : 125 W/ch
SURR BACK 2) : 125 W/ch
(8 ohms 1 kHz, THD 10 %)
FRONT 2) : 155 W/ch
CENTER 2) : 155 W
SURR 2) : 155 W/ch
SURR BACK 2) : 155 W/ch

– Continued on next page –

FM STEREO/FM-AM RECEIVER

9-879-624-02
2005G04-1

Sony Corporation
Audio Group
Published by Sony Engineering Corporation

SONY®

Models of area code AUS, TW
Rated Power Output at Stereo Mode
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
90 W + 90 W 1)
(8 ohms 1 kHz, THD 0.7 %)
100 W + 100 W 1)
(8 ohms 1 kHz, THD 10 %)
130 W + 130 W 1)
Reference Power Output 1)
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
FRONT 2) : 115 W/ch
CENTER 2) : 115 W
SURR 2) : 115 W/ch
SURR BACK 2) : 115 W/ch
(8 ohms 1 kHz, THD 0.7 %)
FRONT 2) : 125 W/ch
CENTER 2) : 125 W
SURR 2) : 125 W/ch
SURR BACK 2) : 125 W/ch
(8 ohms 1 kHz, THD 10 %)
FRONT 2) : 155 W/ch
CENTER 2) : 155 W
SURR 2) : 155 W/ch
SURR BACK 2) : 155 W/ch

Models of area code AR, KR
Rated Power Output at Stereo Mode
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
90 W + 90 W 1)
80 W + 80 W 3)
(8 ohms 1 kHz, THD 0.7 %)
100 W + 100 W 1)
95 W + 95 W 3)
(8 ohms 1 kHz, THD 10 %)
130 W + 130 W 1)
120 W + 120 W 3)
Reference Power Output 1)
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
FRONT 2) : 115 W/ch
CENTER 2) : 115 W
SURR 2) : 115 W/ch
SURR BACK 2) : 115 W/ch
(8 ohms 1 kHz, THD 0.7 %)
FRONT 2) : 125 W/ch
CENTER 2) : 125 W
SURR 2) : 125 W/ch
SURR BACK 2) : 125 W/ch
(8 ohms 1 kHz, THD 10 %)
FRONT 2) : 155 W/ch
CENTER 2) : 155 W
SURR 2) : 155 W/ch
SURR BACK 2) : 155 W/ch

Models of area code SP, MY
Rated Power Output at Stereo Mode
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
80 W + 80 W 1)
75 W + 75 W 3)
(8 ohms 1 kHz, THD 0.7 %)
90 W + 90 W 1)
80 W + 80 W 3)
(8 ohms 1 kHz, THD 10 %)
120 W + 120 W 1)
110 W + 110 W 3)
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
(8 ohms 1 kHz, THD 10 %)
FRONT 2) : 140 W/ch
CENTER 2) : 140 W
SURR 2) : 140 W/ch
SURR BACK 2) : 140 W/ch

Models of area code STR-DE998: US, CND
Rated Power Output at Stereo Mode
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
110 W + 110 W 1)
(8 ohms 1 kHz, THD 0.7 %)
120 W + 120 W 1)
(8 ohms 1 kHz, THD 10 %)
150 W + 150 W 1)
Reference Power Output 1)
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
FRONT 2) : 110 W/ch
CENTER 2) : 110 W
SURR 2) : 110 W/ch
SURR BACK 2) : 110 W/ch
(8 ohms 1 kHz, THD 0.7 %)
FRONT 2) : 120 W/ch
CENTER 2) : 120 W
SURR 2) : 120 W/ch
SURR BACK 2) : 120 W/ch
(8 ohms 1 kHz, THD 10 %)
FRONT 2) : 150 W/ch
CENTER 2) : 150 W
SURR 2) : 150 W/ch
SURR BACK 2) : 150 W/ch

1) Measured under the following conditions:

Area code	Power requirements
US, CND	120 V AC, 60 Hz
E2, AUS	240 V AC, 50 Hz
AR, SP, MY, KR	230 V AC, 50 Hz
TW	110 V AC, 60 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, SP, MY, KR	220 V AC, 50 Hz

Frequency response

PHONO	RIAA equalization curve ±0.5 dB
MULTI CH IN, 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 k ohms S/N 4) : 86 dB (A, 8 mV 5))
MULTI CH IN, SA-CD/CD, TV/SAT, MD/TAPE, DVD, VIDEO 1, 2, 3	Sensitivity: 500 mV Impedance: 50 k ohms 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 k ohms
SUB WOOFER	Voltage: 2 V Impedance: 1 k ohm

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
Models of area code AUS, SP, MY, KR, TW	
With 9-kHz tuning scale:	531 – 1,602 kHz
Antenna	Loop antenna
Intermediate frequency	450 kHz
Usable sensitivity	50 dB/m (at 1,000 kHz or 999 kHz)
S/N	54 dB (at 50 mV/m)
Harmonic distortion	0.5 % (50 mV/m, 400 Hz)
Selectivity	
At 9 kHz:	35 dB
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
AUS	240 V AC, 50 Hz
AR, SP, MY, KR	220 – 230 V AC, 50/60 Hz
TW	110 V AC, 50/60 Hz

Power consumption

Area code	Power consumption
STR-DE898: US, E2	300 W
STR-DE998: US	310 W
STR-DE898: CND	410 VA
STR-DE998: CND	420 VA
AR, AUS, KR	270 W
SP, MY	230 W
TW	550 W

Power consumption (during standby mode)
0.3 W

AC outlets
(Except for models of area code AR, KR, TW)

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

Dimensions (w/h/d) (Approx.)	
STR-DE898:	430 × 157.5 × 371 mm (16 7/8 × 6 2/8 × 14 5/8 inches) including projecting parts and controls
STR-DE998:	430 × 157.5 × 402 mm (16 7/8 × 6 2/8 × 15 7/8 inches) including projecting parts and controls
Mass (Approx.)	
STR-DE898:	10.5 kg (23 lb 3 oz)
STR-DE998:	13.5 kg (29 lb 13 oz)

Supplied accessories

FM wire antenna (1)
AM loop antenna (1)
Remote commander RM-AAL001 (1)
(STR-DE898: US, CND, E2, AR)
Remote commander RM-AAE001 (1) (STR-DE998)
Remote commander RM-AAP002 (1)
(STR-DE898: AUS, SP, MY, KR, TW)
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
  - AUS : Australian model
  - SP : Singapore model
  - MY : Malaysia model
  - KR : Korean model
  - TW : Taiwan model

SAFETY-RELATED COMPONENT WARNING!!

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

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ 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.

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 microampers.). 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)

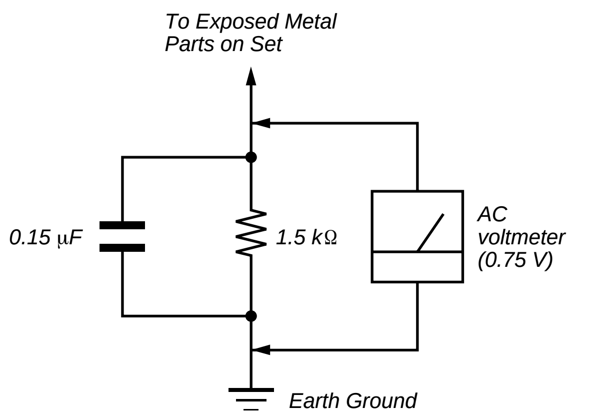
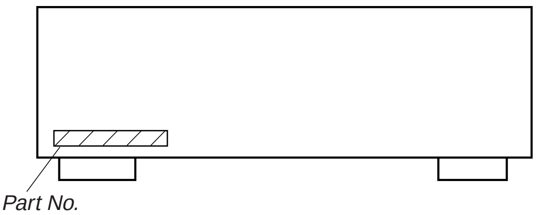


Fig. A. Using an AC voltmeter to check AC leakage.

MODEL IDENTIFICATION

— BACK PANEL —



MODEL	PART No.
STR-DE898: US	2-514-879-0☐
STR-DE898: CND	2-514-879-1☐
STR-DE898: SP, MY	2-514-879-2☐
STR-DE898: AUS	2-514-879-3☐
STR-DE898: E2	2-514-879-4☐
STR-DE898: AR	2-514-879-5☐
STR-DE898: TW	2-514-879-7☐
STR-DE898: KR	2-514-879-8☐
STR-DE998: US	2-580-905-0☐
STR-DE998: CND	2-580-905-1☐

- Abbreviation
  CND : Canadian model
  SP : Singapore model
  MY : Malaysia model
  AUS : Australian model
  E2 : AC 120 V area in E model
  AR : Argentina model
  TW : Taiwan model
  KR : Korean model

TABLE OF CONTENTS

SECTION 1
GENERAL

This section is extracted from instruction manual.

STR-DE898:

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 (26, 58)
↑ ↑
Name of button/part **Reference page**

Main unit

ALPHABETICAL ORDER

A - L

A.F.D. (button/indicator) 14 (30, 33)
DIMMER 8 (26)
DISPLAY 7 (26, 58)
Display 10 (26)
DVD (indicator) 27 (23)
ENTER 9 (17, 18, 41, 59)
FM MODE 4 (24)
INPUT MODE 20 (36)
INPUT SELECTOR 21 (23, 24, 25, 26, 36, 40, 41, 58)
IR (receptor) 3 (45, 59)

M - O

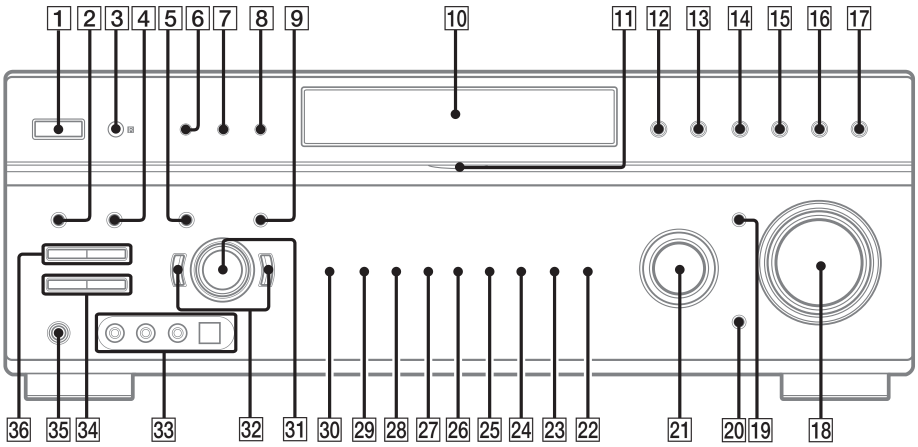
MAIN MENU 5 (18, 37, 38, 41)
MASTER VOLUME –/+ 18 (17, 22, 23, 57)
MD/TAPE (indicator) 25 (23)
MEMORY 2 (25)
MOVIE (button/indicator) 15 (31, 32, 58)
MULTI CHANNEL DECODING (indicator) 11 (24)
MULTI CH IN/DIRECT 12 (24, 29)
MUSIC (button/indicator) 16 (32, 58)

P - Z

PHONES (jack) 35 (23, 57)
PHONO (indicator) 22 (23)
PRESET TUNING +/– 36 (25, 61)
SA-CD/CD (indicator) 24 (23)
SPEAKERS (OFF/A/B/A+B) 6 (16, 42, 57)
SURR BACK DECODING 17 (33)
TUNER FM/AM (indicator) 23 (23)
TUNING +/– 34 (24, 61)
TV/SAT (indicator) 26 (23)
VIDEO 1 (indicator) 30 (23)
VIDEO 2 (indicator) 29 (23)
VIDEO 3 (indicator) 28 (23)
VIDEO 3 IN/PORTABLE AV IN (jacks) 33 (13)

NUMBERS AND SYMBOLS

2CH (button/indicator) 13 (29, 33, 38)
2ND ZONE 19 (43)
–/+ 31 (18, 37, 38, 41)
I/⏻ (power) 1 (17, 18, 22, 38, 59, 61)
</> 32 (18, 37, 38, 41)



STR-DE898: US, CND, E2, AR model

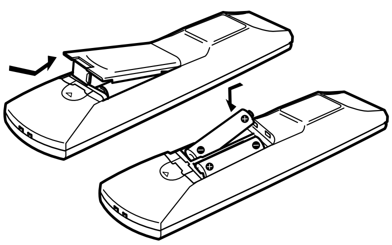
Operations Using the Remote RM-AAL001

You can use the remote RM-AAL001 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.



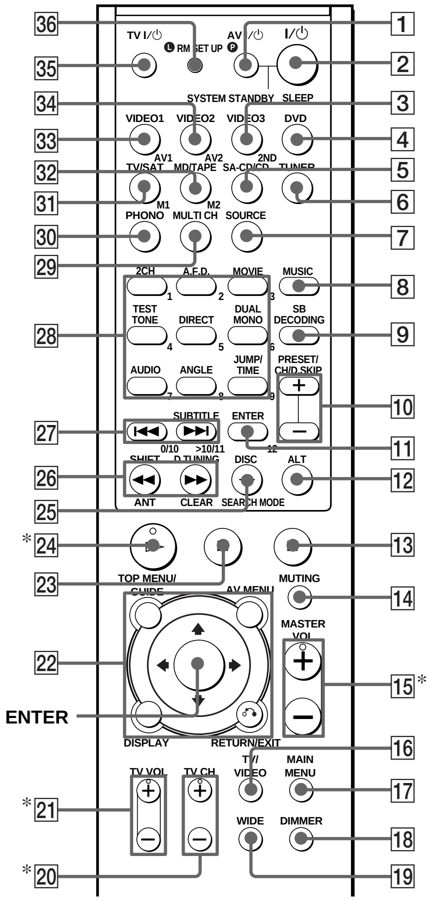
Tip

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 ▷, TV VOL +, TV CH + and MASTER VOL + buttons have a tactile dot. Use the tactile dot as a reference when operating the receiver and other audio/video components.

STR-DE898: AUS, SP, MY, KR, TW model

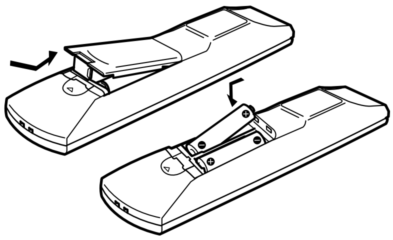
Operations Using the Remote RM-AAP002

You can use the remote RM-AAP002 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.



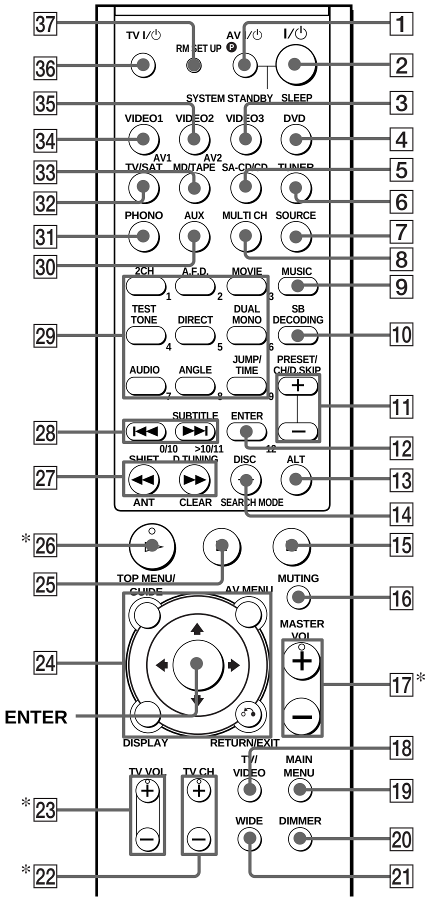
Tip

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 ⊳, TV VOL +, TV CH + and MASTER VOL + buttons have a tactile dot. Use the tactile dot as a reference when operating the receiver and other audio/video components.

STR-DE998:

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 8 (26, 58)

Name of button/part **Reference page**

Main unit

ALPHABETICAL ORDER

A - I

A.F.D. (button/indicator) 15 (30, 33)
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DISPLAY 8 (26, 58)
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M - O

MAIN MENU 7 (18, 37, 38, 41)
MASTER VOLUME –/+ 20 (22, 23, 57)
MD/TAPE (indicator) 27 (23)
MEMORY 2 (25)
MENU 5 (18, 37, 38, 41)
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MULTI CHANNEL DECODING (indicator) 11 (24)
MULTI CH IN/DIRECT 13 (24, 29)
MUSIC (button/indicator) 18 (32, 58)
ON SCREEN 22 (13)

P - Z

PHONES (jack) 36 (23, 57)
PHONO (indicator) 24 (23)
PRESET TUNING +/– 37 (25, 61)
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TUNING +/– 35 (24, 61)
TV/SAT (indicator) 28 (23)
VIDEO 1 (indicator) 32 (23)
VIDEO 2 (indicator) 31 (23)
VIDEO 3 (indicator) 30 (23)
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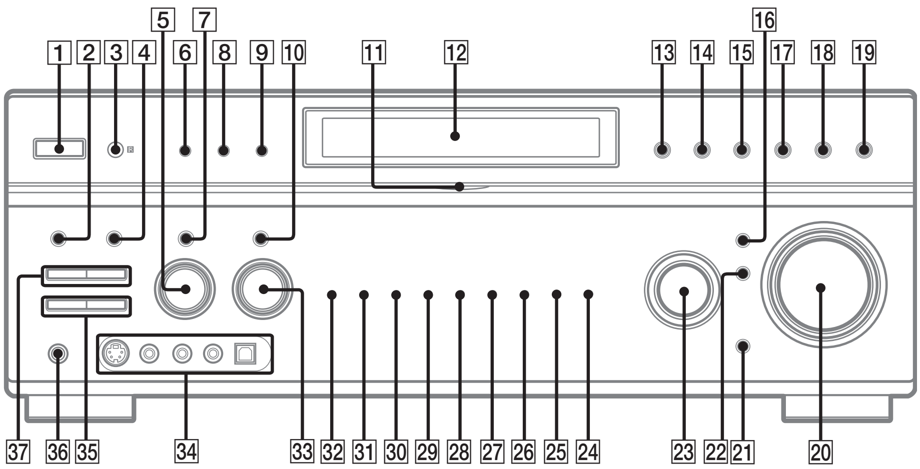


STR-DE998:

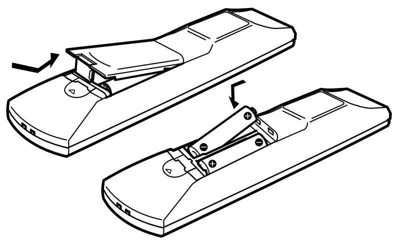
Operations Using the Remote RM-AAE001

You can use the remote RM-AAE001 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.



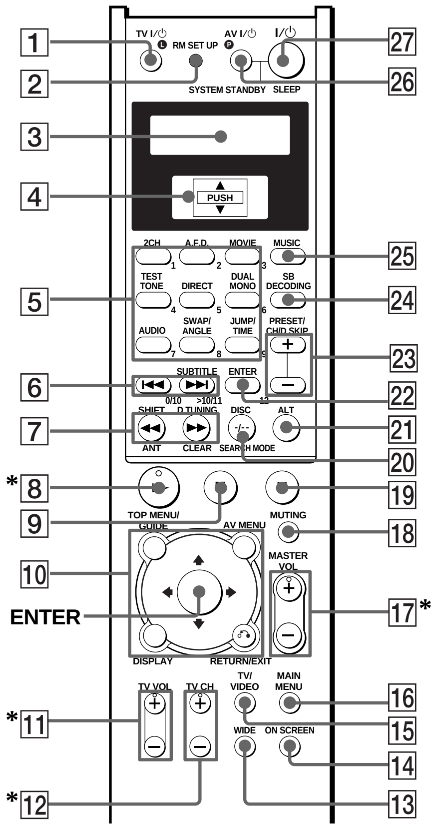
Tip

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 ▷, TV VOL +, TV CH + and MASTER VOL + buttons have a tactile dot. Use the tactile dot as a reference when operating the receiver and other audio/video components.

SECTION 2
DISASSEMBLY

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

SET

2-1. CASE (Page 11)

2-2. FRONT PANEL SECTION (Page 12)

2-3. BACK PANEL SECTION (Page 12)

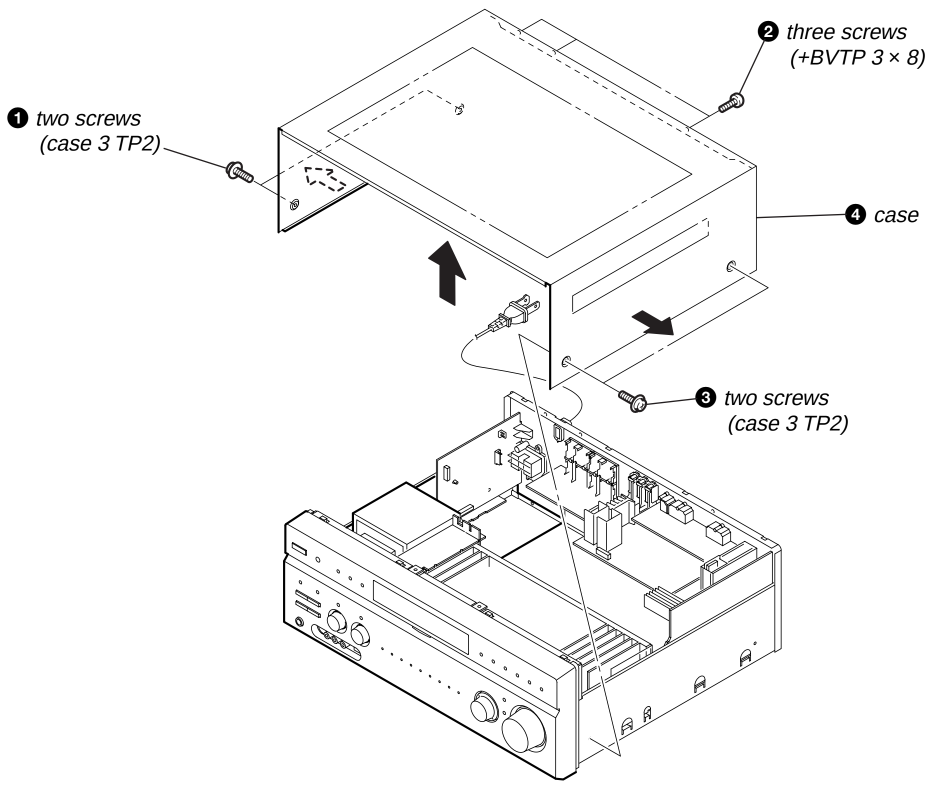
2-6. STBY BOARD (Page 14)

2-4. DIGITAL BOARD (Page 13)

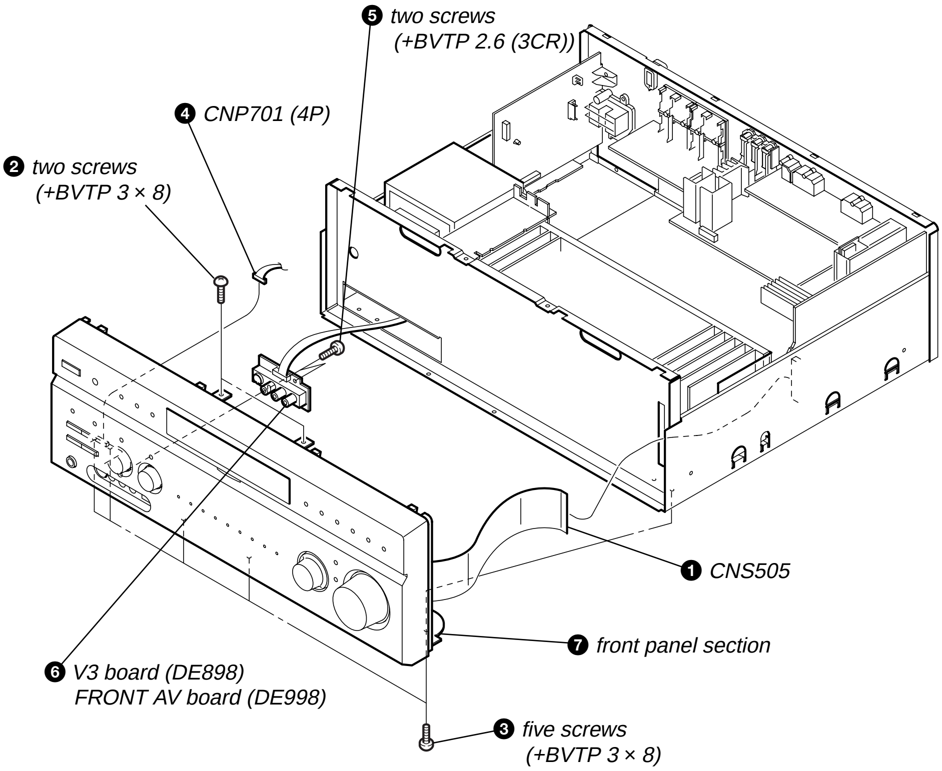
2-5. MAIN BOARD (Page 13)

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

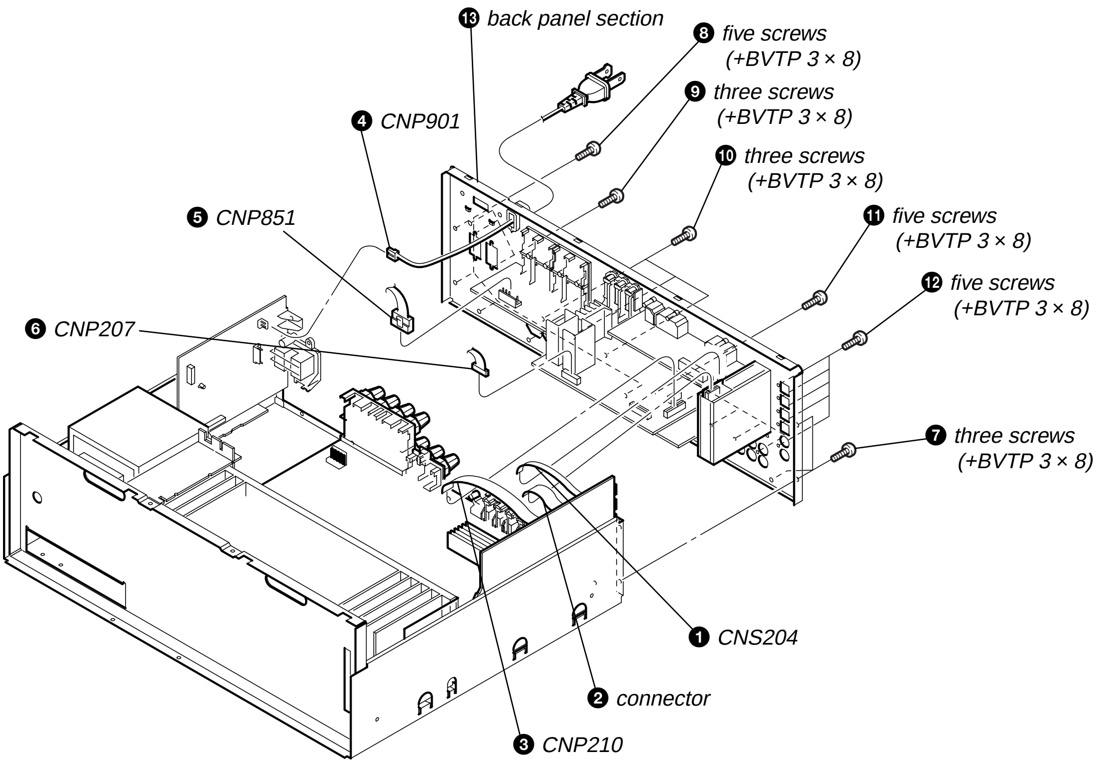
2-1. CASE



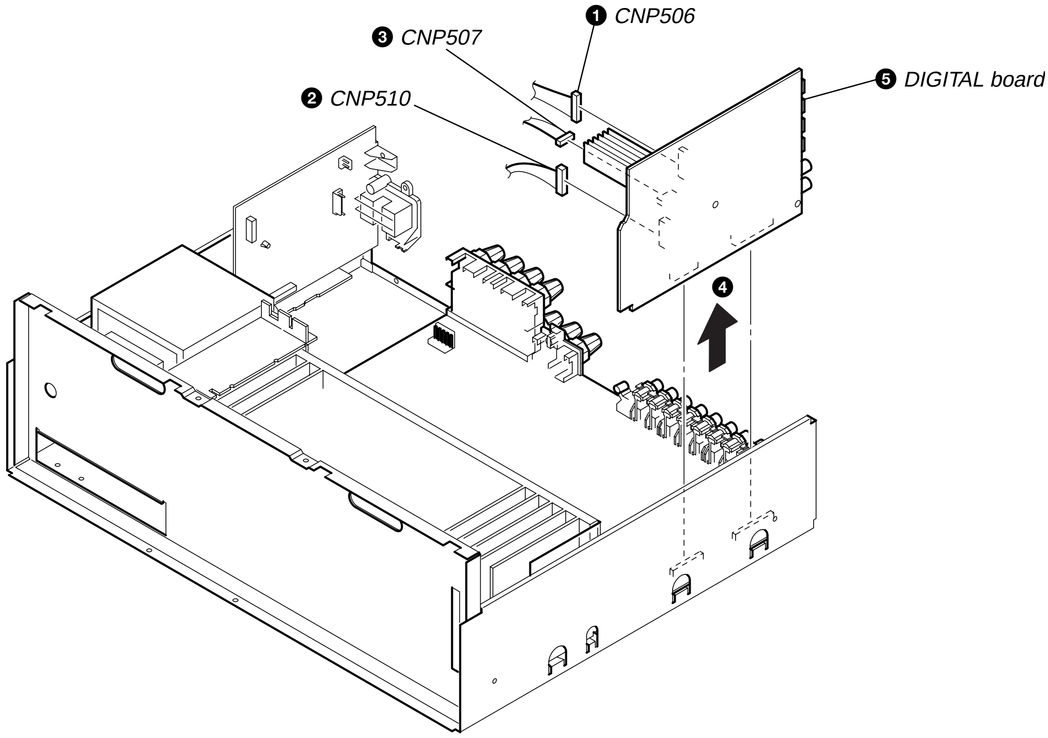
2-2. FRONT PANEL SECTION



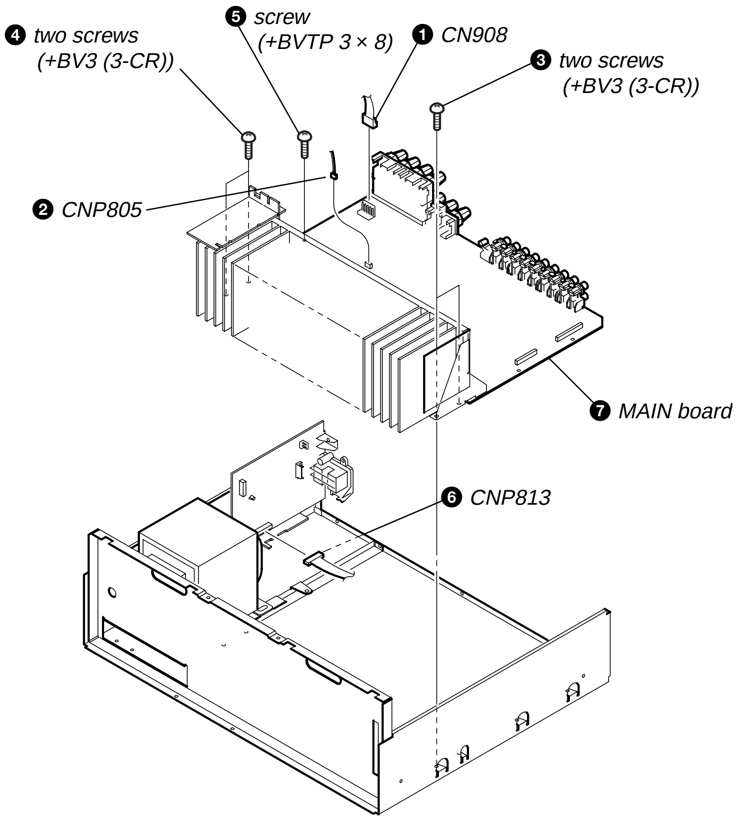
2-3. BACK PANEL SECTION



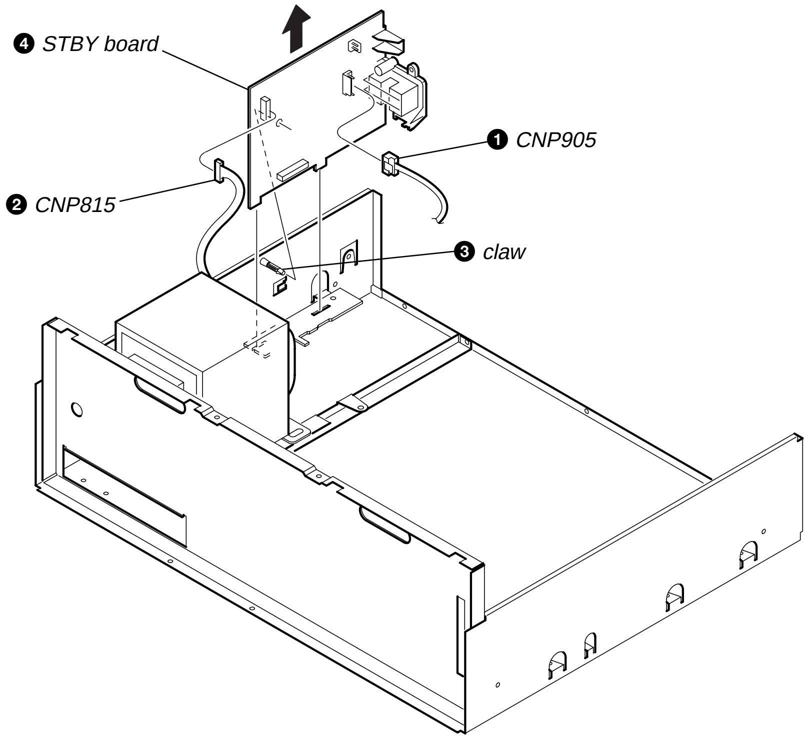
2-4. DIGITAL BOARD



2-5. MAIN BOARD



2-6. STBY BOARD



SECTION 3
TEST MODE

FACTORY PRESET MODE

* All preset contents are reset to the default setting.
* Procedure:
  While depressing the PRESET TUNING – and the DISPLAY buttons simultaneously, press the I/⏻ button to turn on the main power.
  The message "FACTORY PRESET" appears and the present contents are reset to the default values.

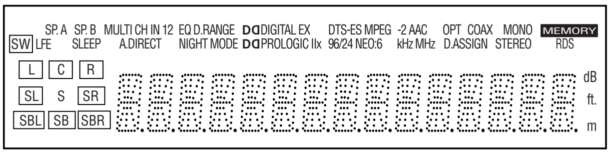
AM CHANNEL STEP 9 kHz/10 kHz SELECTION MODE (US, CND, E2 model)

* 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.

VACUUM FLUORESCENT DISPLAY TEST MODE

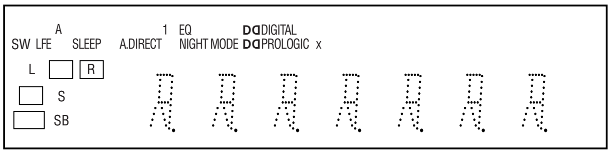
* All fluorescent segments are tested.
  When this test is activated, all segments light on at the same time, then each segment lights on one after another.
* Procedure:
  While depressing the TUNING – and the SPEAKERS (OFF/A/B/A+B) buttons simultaneously, press the I/⏻ button to turn on the main power.

1. ALL segments light on.



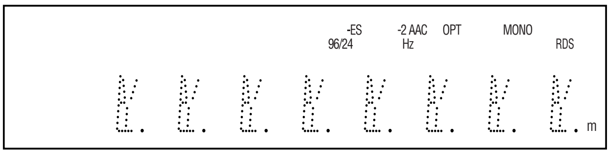
2CH, A.F.D., MOVIE, MUSIC, MULTI CHANNEL DECODING, VIDEO 1, VIDEO 2, VIDEO 3, DVD, TV/SAT, MD/TAPE, SA-CD/CD, TUNER FM/AM and PHONO LED light on.

2. Press the DIMMER button, confirm display.



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

3. Press the DIMMER button, confirm display.



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

4. Press the DIMMER button, all segments and all LEDs light off.

5. Every Pressing the DIMMER button, 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 "S.F. INITIALIZE" appears for a moment and initialization is performed.

SOFTWARE VERSION DISPLAY MODE

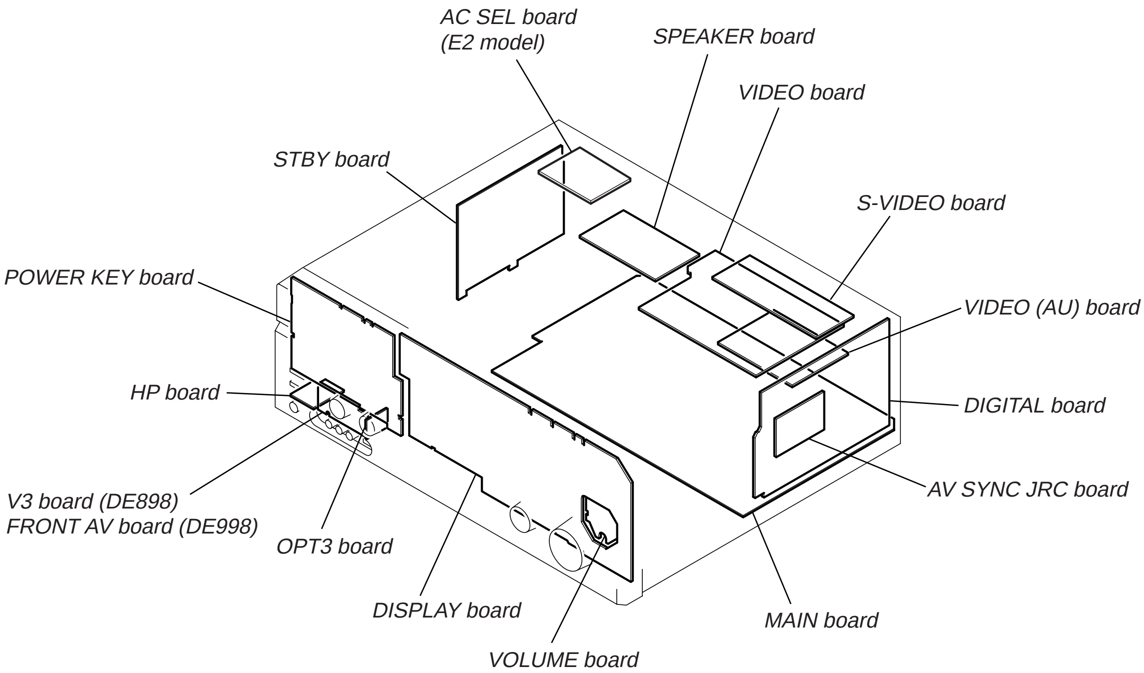
* The software version is displayed.
* Procedure:
  While depressing the TUNING – and the DISPLAY buttons simultaneously, press the I/⏻ button to turn on the main power.
  The model name, destination and the software version are displayed.

COMMAND MODE SELECTION MODE

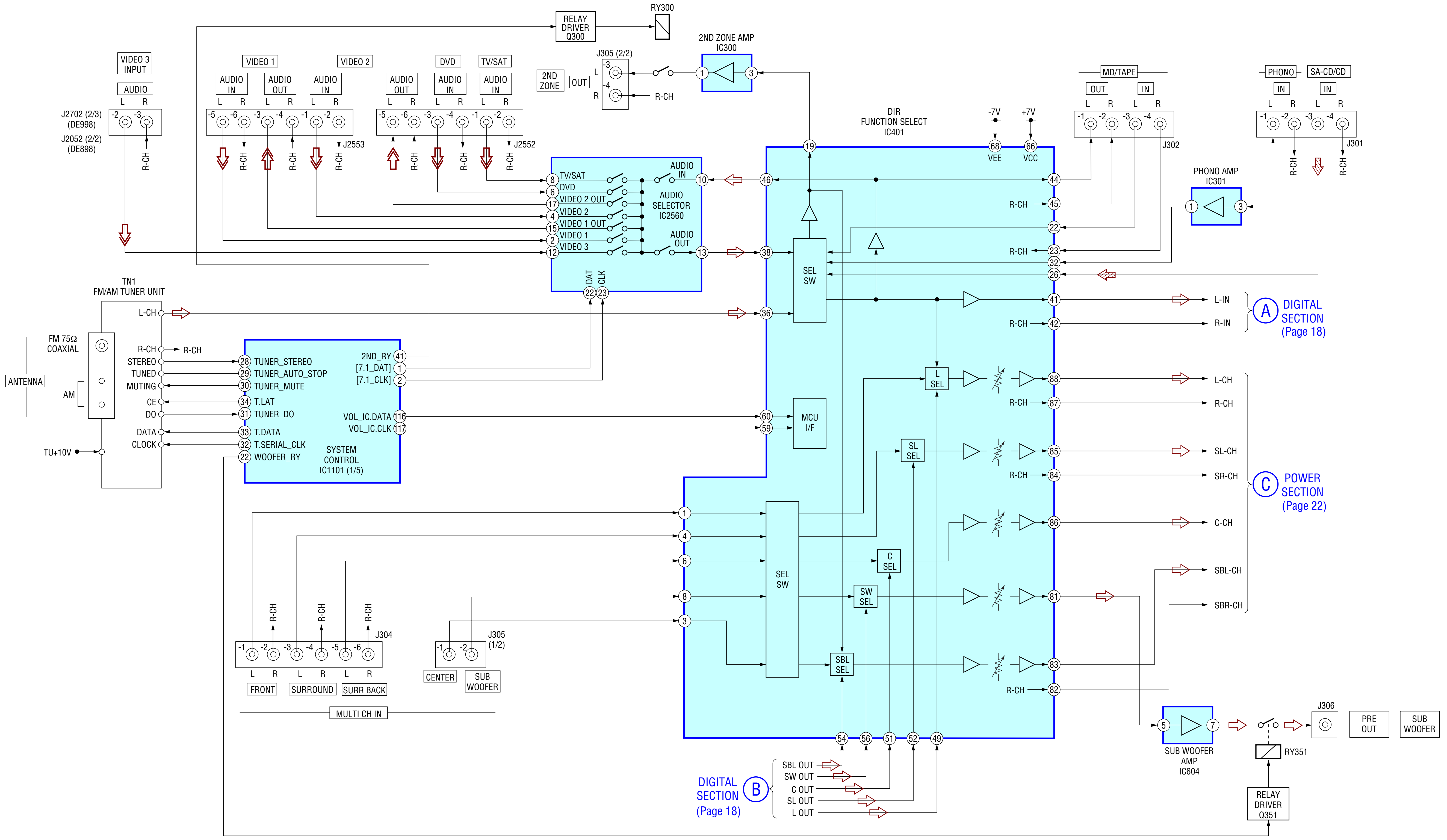
* The command mode (AV1 or AV2) of the remote commander can be selected.
* Procedure:
  While depressing the ENTER button, press the I/⏻ button to turn on the main power.
  Either the message "C.MODE.AV1" or "C.MODE.AV2" appears for a moment and select the desired mode.

SECTION 4
DIAGRAMS

4-1. CIRCUIT BOARDS LOCATION

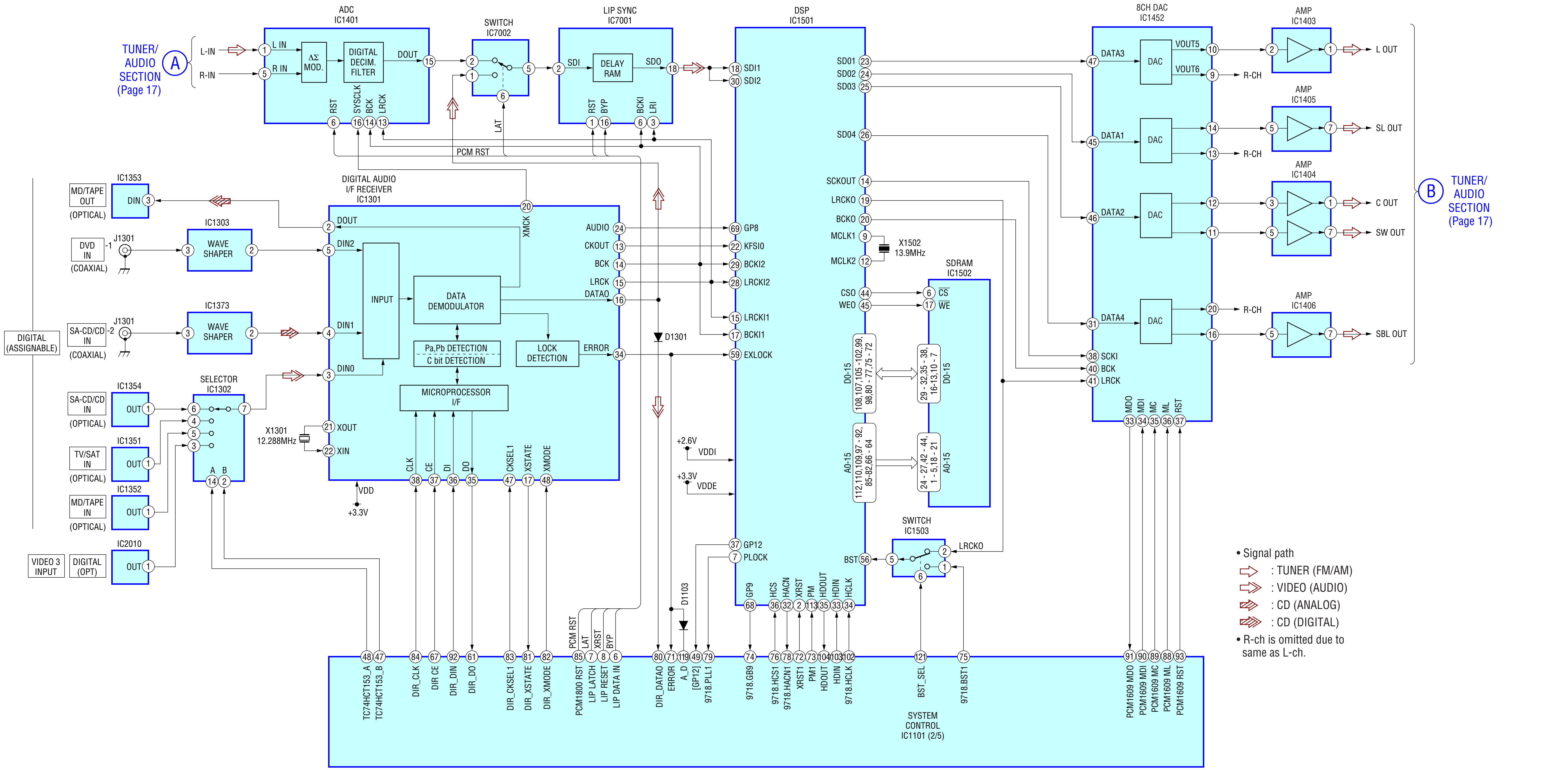


4-2. BLOCK DIAGRAM — TUNER/AUDIO SECTION —

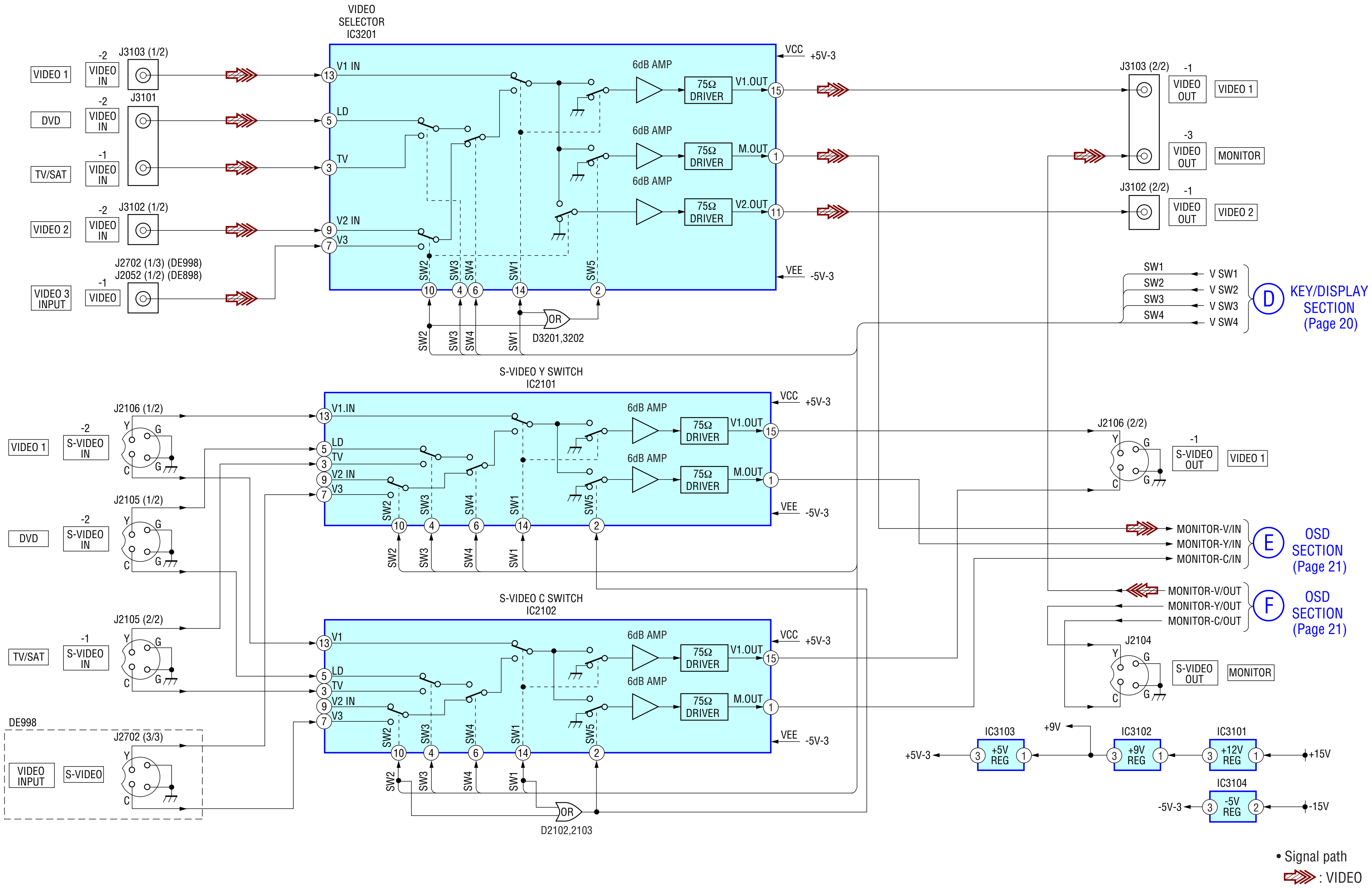


- Signal path
  - : TUNER (FM/AM)
  - : VIDEO (AUDIO)
  - : CD (ANALOG)
- R-ch is omitted due to same as L-ch.

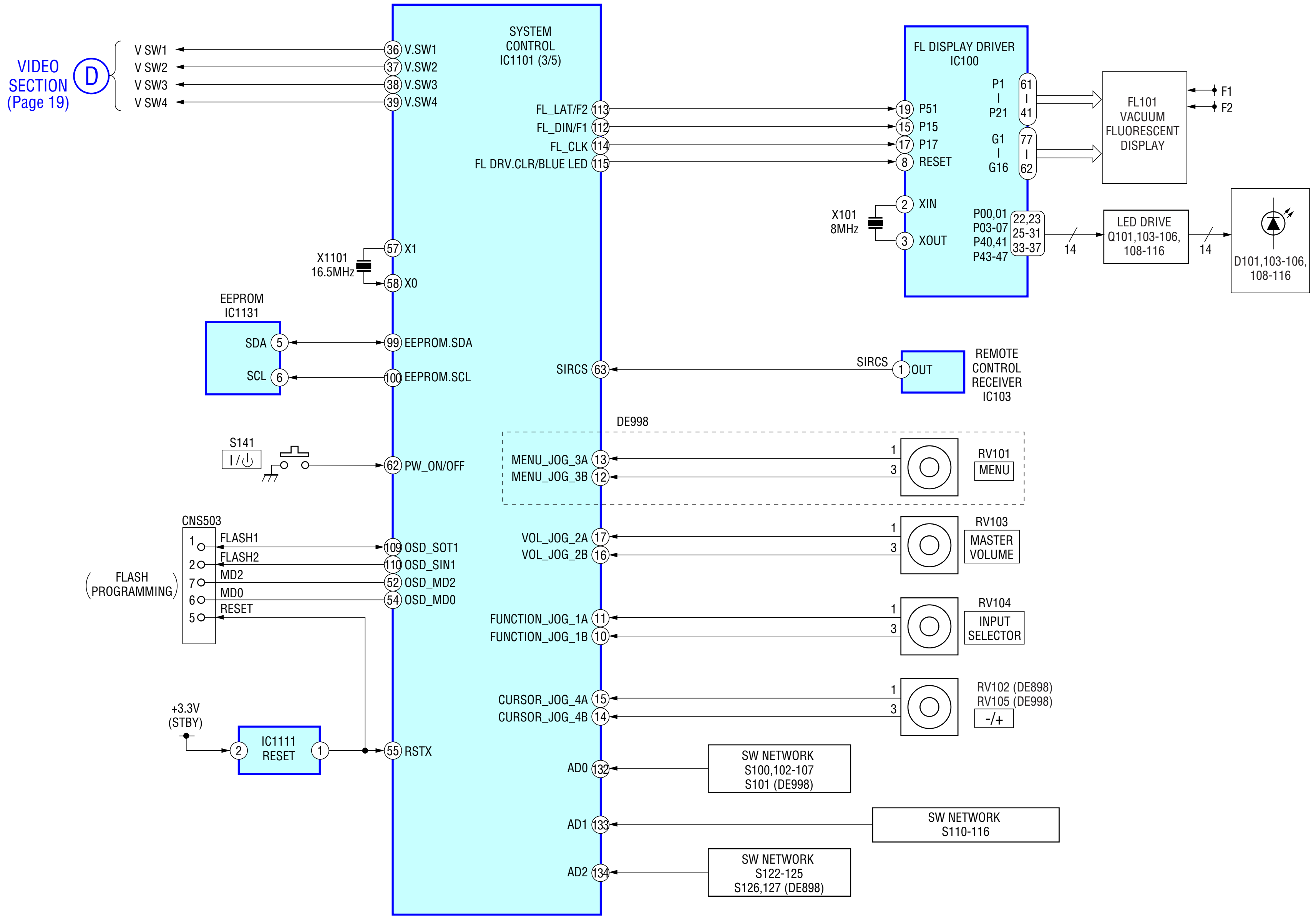
4-3. BLOCK DIAGRAM — DIGITAL SECTION —



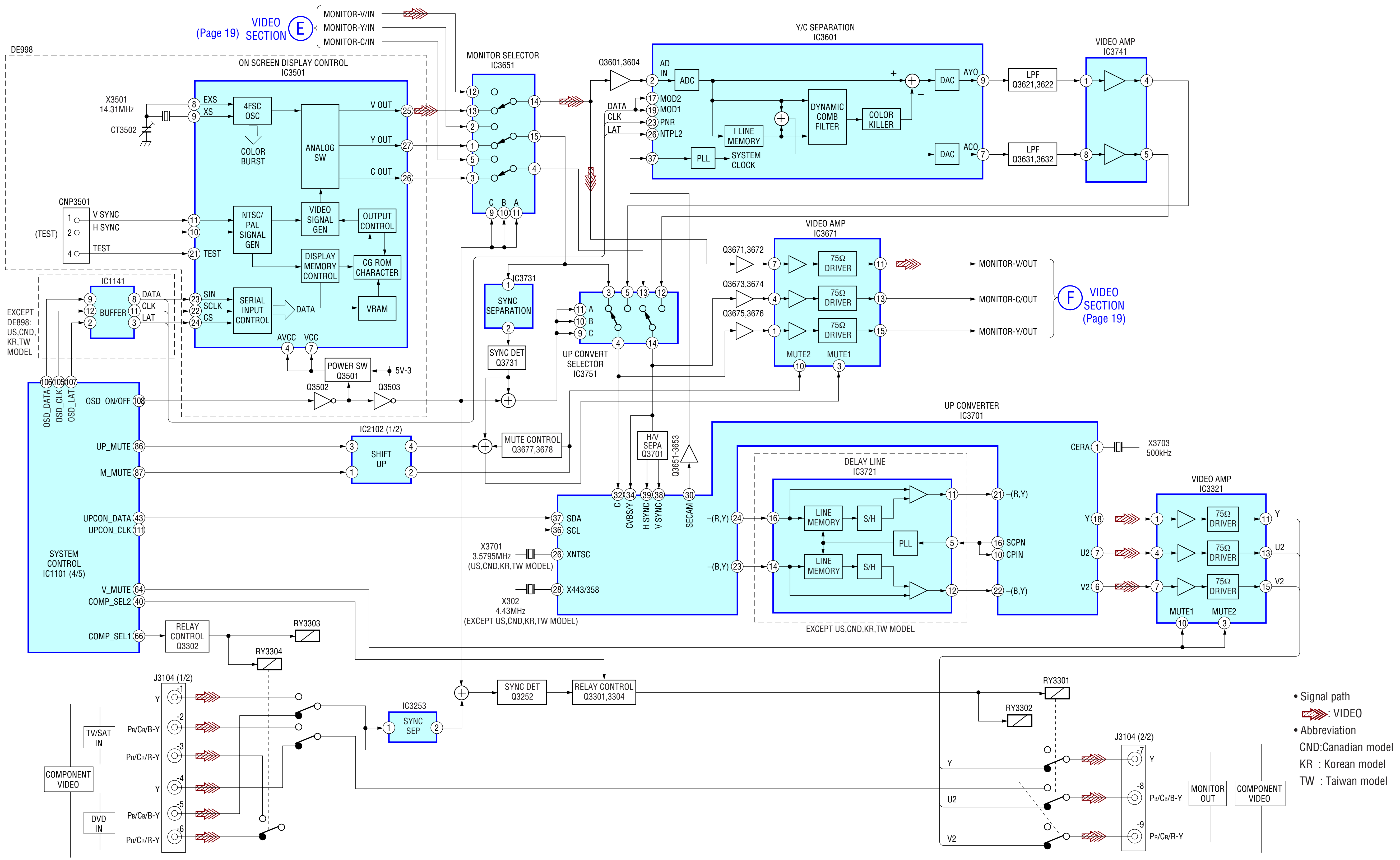
4-4. BLOCK DIAGRAM — VIDEO SECTION —



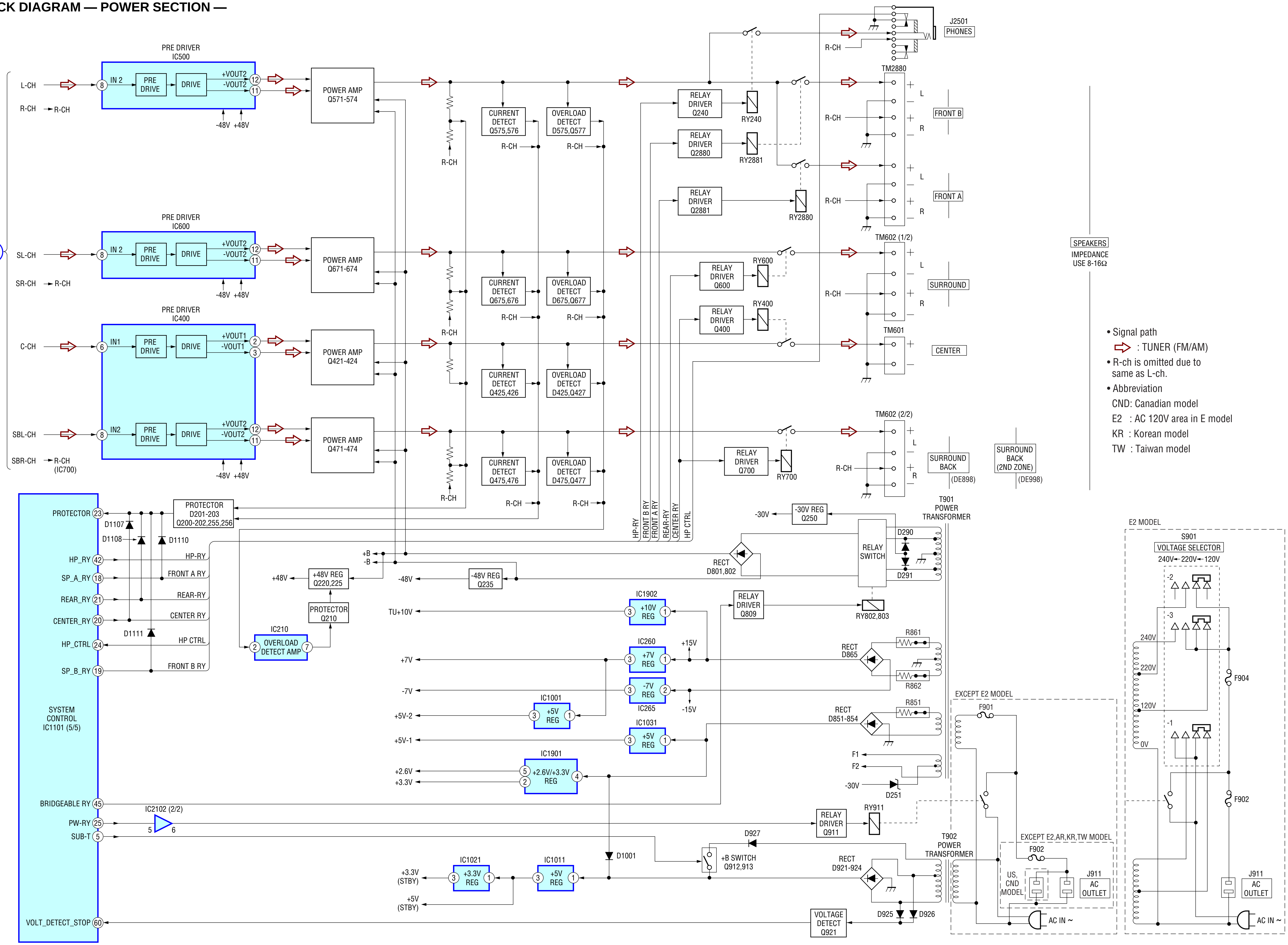
4-5. BLOCK DIAGRAM — KEY/DISPLAY SECTION —



4-6. BLOCK DIAGRAM — OSD SECTION —



4-7. 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. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

Note:	Note:
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 piéce portant le numéro spécifié.

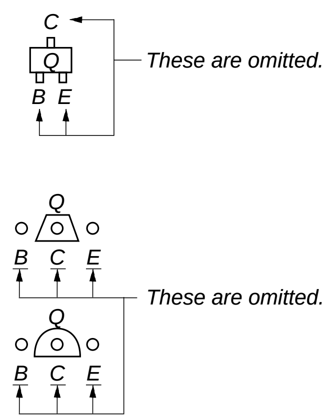
- : B+ Line.
- : B– Line.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  : TUNER (FM/AM)
  : VIDEO (AUDIO)
  : VIDEO
  : CD (ANALOG)
  : CD (DIGITAL)
- Abbreviation
  CND : Canadian model.
  E2 : AC 120V area in E model.
  AR : Australian model.
  AUS : Australian model.
  SP : Singapore model.
  MY : Malaysia model.
  KR : Korean model.
  TW : Taiwan model.

for printed wiring boards:

- : parts extracted from the component side.
- △ : internal component.
- : Pattern from the side which enables seeing.

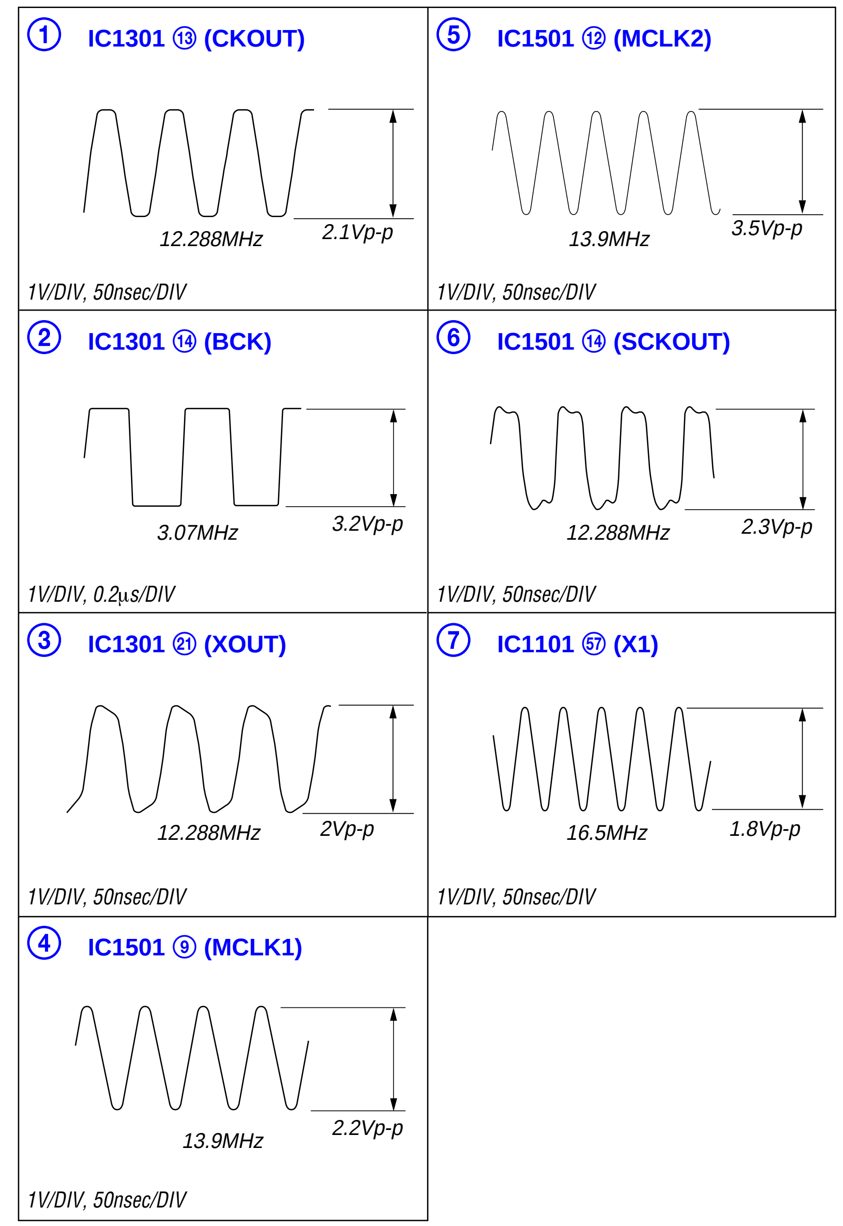
Caution:
Pattern face side: (Side B) Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A) Parts on the parts face side seen from the parts face are indicated.

- Abbreviation
  CND : Canadian model.
  E2 : AC 120V area in E model.
  AR : Australian model.
  AUS : Australian model.
  SP : Singapore model.
  MY : Malaysia model.
  KR : Korean model.
  TW : Taiwan model.

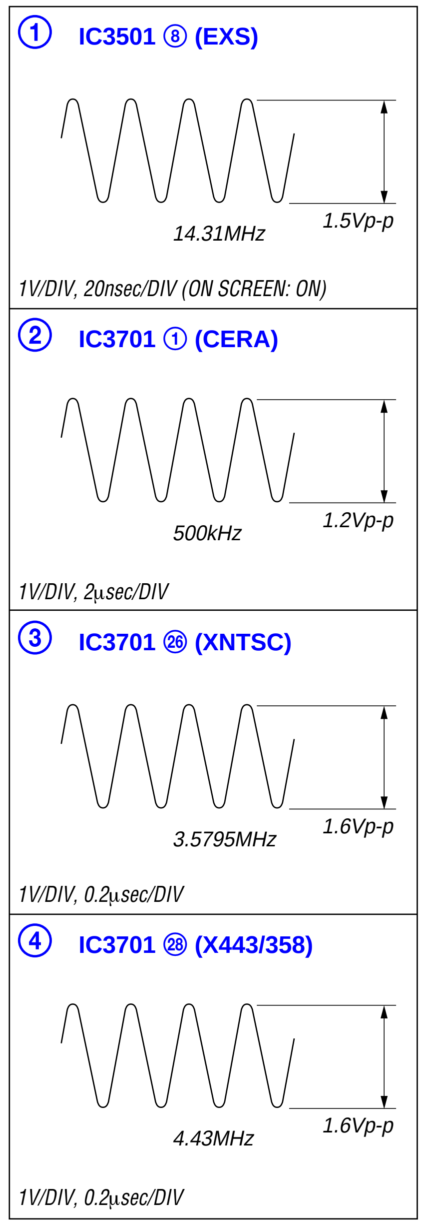


• Waveforms

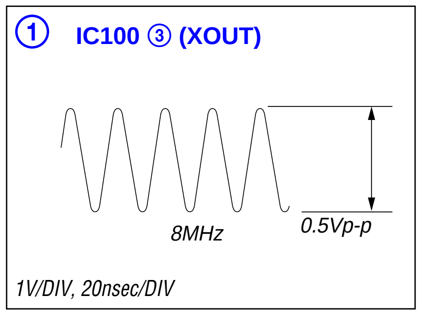
— DIGITAL Board —



— VIDEO Board —



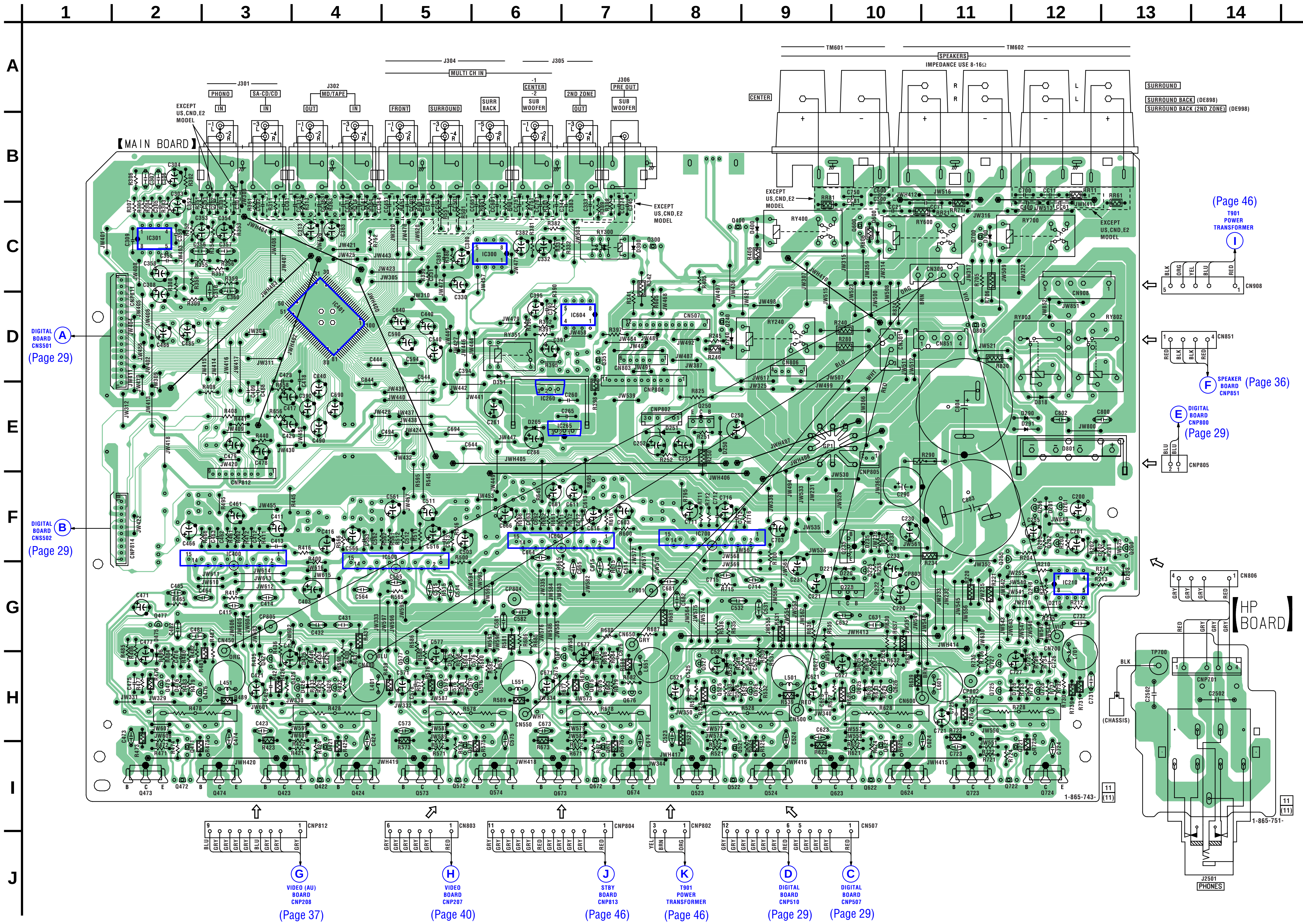
— DISPLAY Board —



4-8. PRINTED WIRING BOARDS — MAIN SECTION —

• See page 16 for Circuit Boards Location.

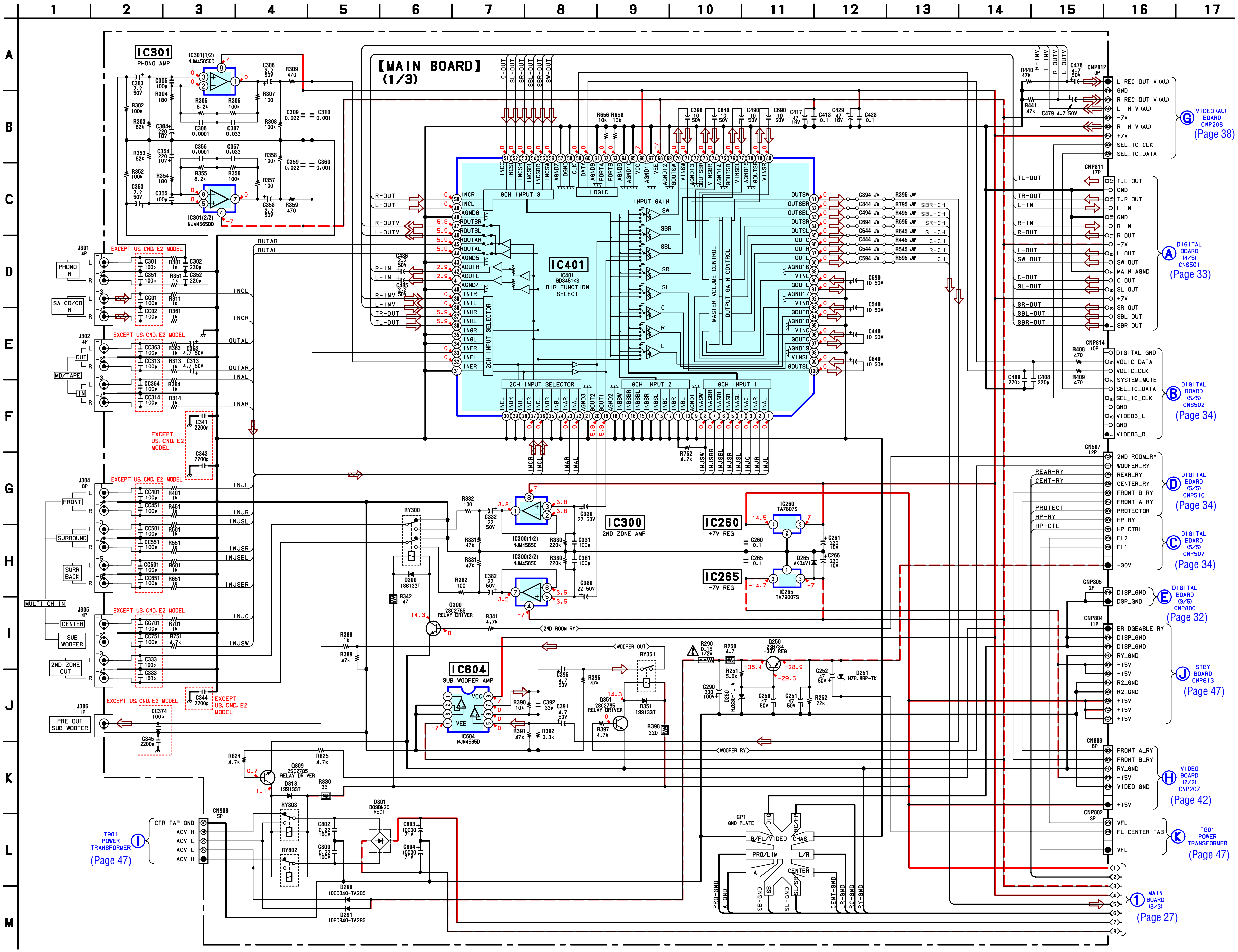
LF : Uses unleaded solder.



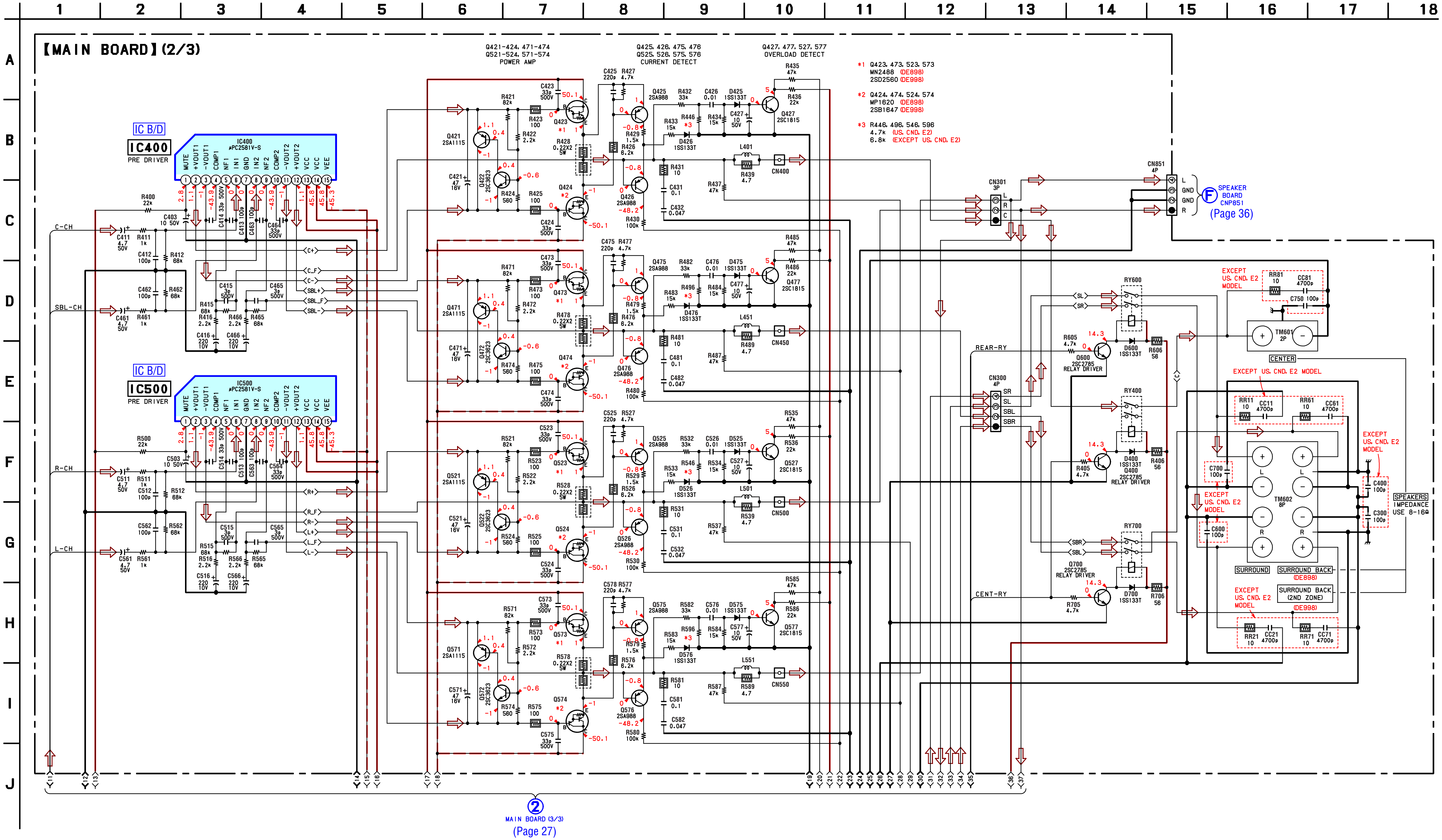
• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D201	F-12	Q256	F-12
D202	F-12	Q300	C-8
D203	G-13	Q351	D-7
D220	G-10	Q400	C-8
D221	G-10	Q421	I-4
D235	F-10	Q422	I-4
D240	D-8	Q423	I-3
D250	E-8	Q424	I-4
D251	E-8	Q425	H-4
D265	E-6	Q426	H-4
D290	E-12	Q427	H-3
D291	E-12	Q471	I-2
D300	C-7	Q472	I-2
D351	D-6	Q473	I-2
D400	C-9	Q474	I-3
D425	H-4	Q475	H-2
D426	H-4	Q476	H-2
D475	G-2	Q477	G-2
D476	H-2	Q521	I-8
D525	H-8	Q522	I-8
D526	H-8	Q523	I-8
D575	H-5	Q524	I-9
D576	H-5	Q525	H-8
D600	C-10	Q526	H-9
D625	H-10	Q527	H-8
D626	H-10	Q571	I-5
D675	H-7	Q572	I-5
D676	H-7	Q573	I-5
D700	C-11	Q574	I-6
D725	H-12	Q575	H-5
D726	H-12	Q576	H-6
D801	E-12	Q577	H-5
D818	E-12	Q600	C-10
		Q621	I-10
IC210	G-12	Q622	I-10
IC260	E-6	Q623	I-10
IC265	E-7	Q624	I-10
IC300	C-6	Q625	H-10
IC301	C-2	Q626	H-10
IC400	F-3	Q627	H-9
IC401	D-4	Q671	I-7
IC500	F-5	Q672	I-7
IC600	F-6	Q673	I-6
IC604	D-7	Q674	I-7
IC700	F-8	Q675	H-7
		Q676	H-7
Q200	F-13	Q677	H-7
Q201	F-12	Q700	C-11
Q202	F-12	Q721	I-12
Q210	G-12	Q722	I-11
Q220	G-10	Q723	I-11
Q225	G-10	Q724	I-12
Q235	F-10	Q725	H-11
Q240	D-8	Q726	H-12
Q250	E-8	Q727	H-11
Q255	F-11	Q809	D-11

4-9. SCHEMATIC DIAGRAM — MAIN SECTION (1/3) —

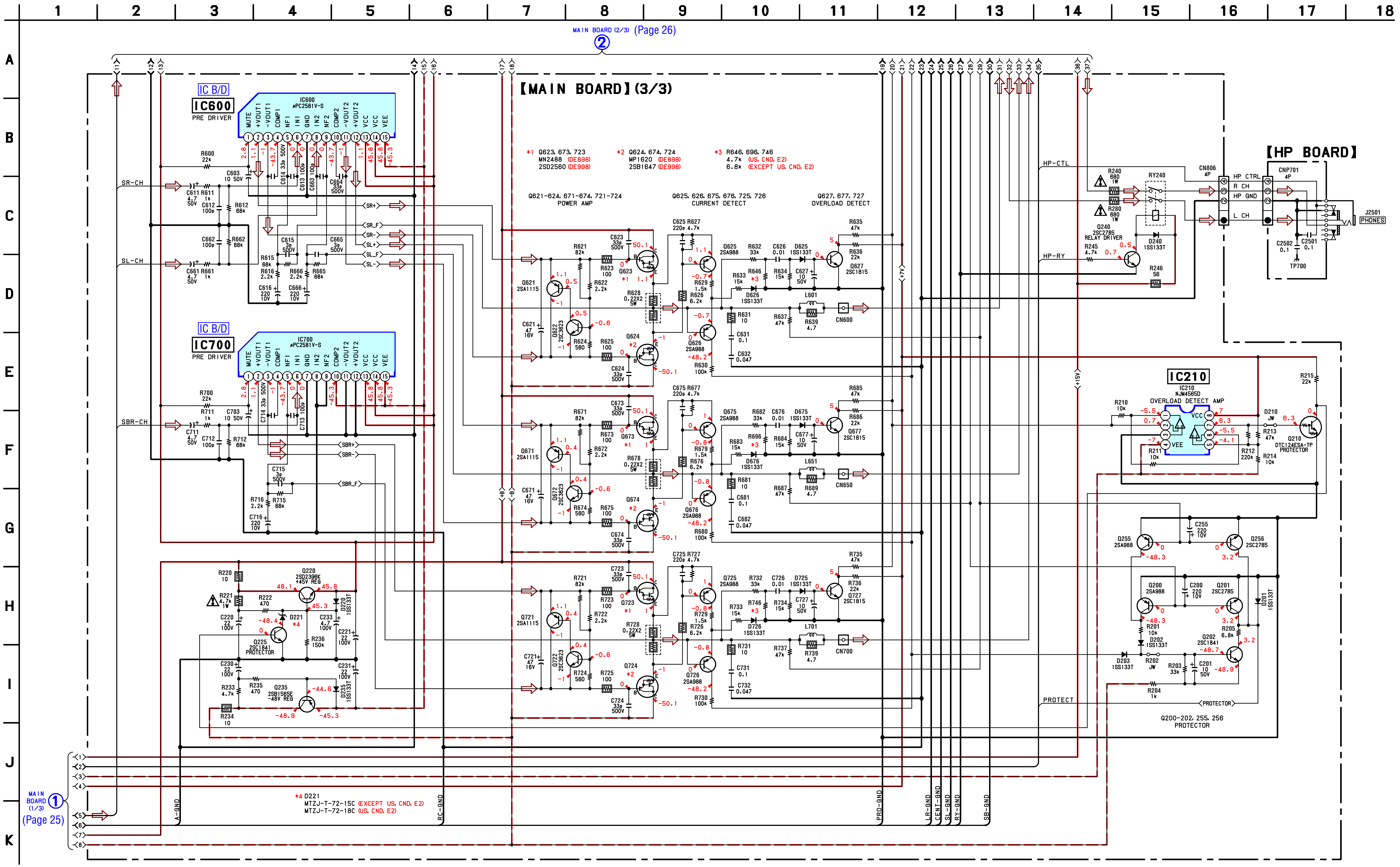


4-10. SCHEMATIC DIAGRAM — MAIN SECTION (2/3) — • See page 54 for IC Block Diagrams.



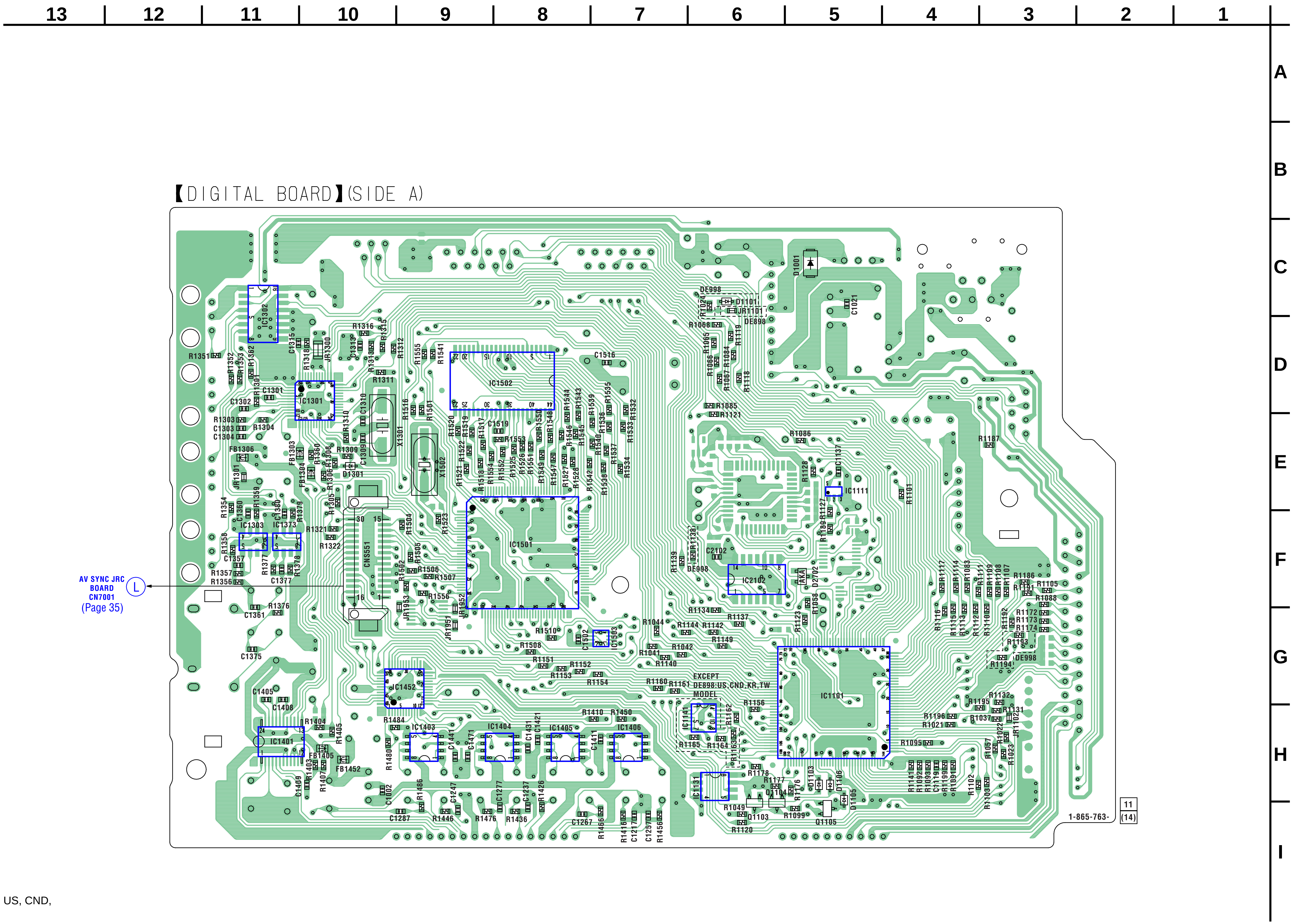
4-11. SCHEMATIC DIAGRAM — MAIN SECTION (3/3) —

• See page 54 for IC Block Diagrams.



4-12. PRINTED WIRING BOARD — DIGITAL SECTION (SIDE A) —

• See page 16 for Circuit Boards Location.
: Uses unleaded solder.

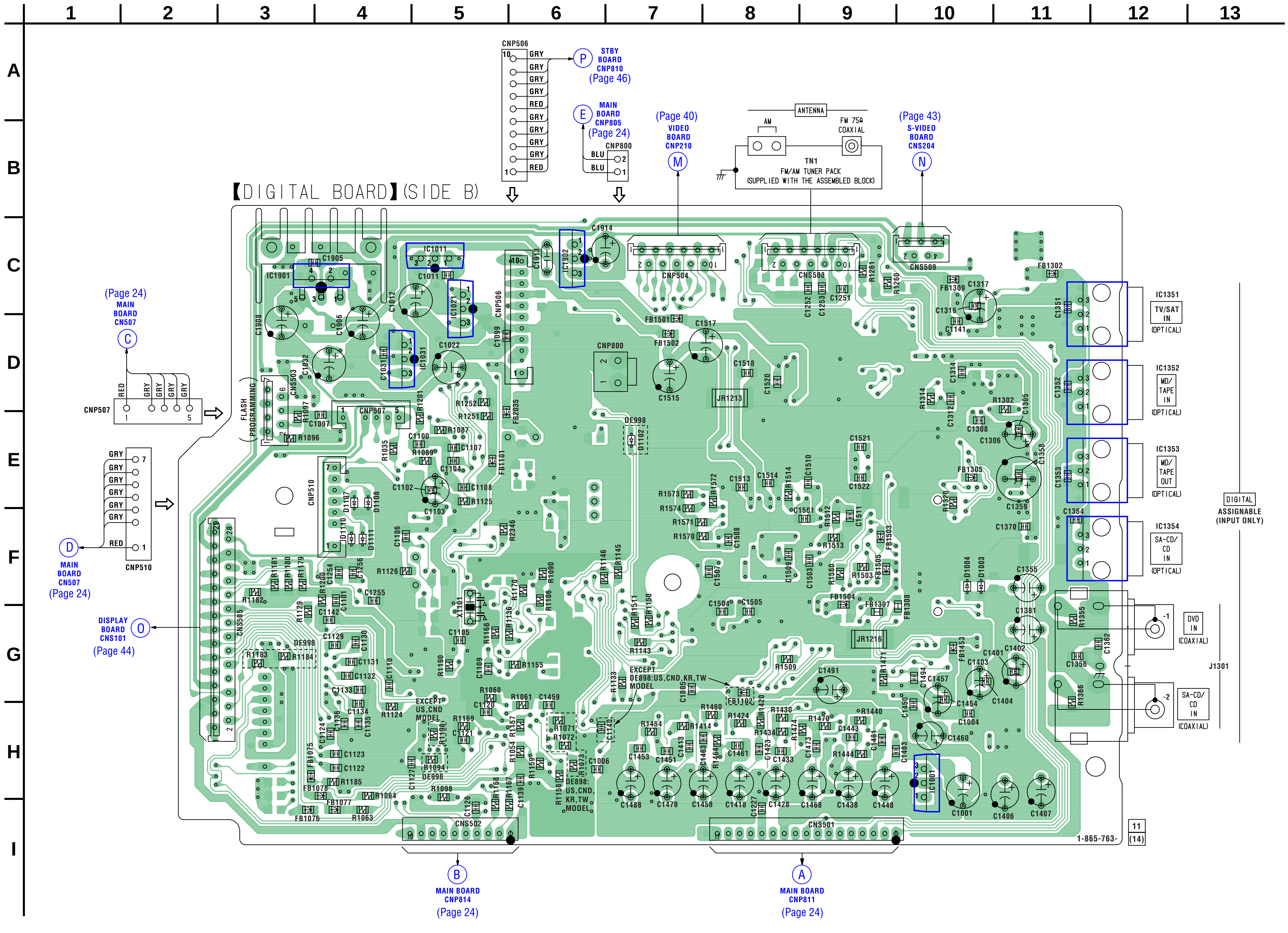


• **Semiconductor Location (Side A)**

Ref. No.	Location
D1001	C-5
(D1101)	C-6
D1103	H-5
D1105	H-5
D1106	H-5
D1301	E-10
D2702	F-5
IC1101	H-5
IC1111	E-5
IC1131	H-6
<IC1141>	H-6
IC1301	D-10
IC1302	C-11
IC1303	F-11
IC1373	F-11
IC1401	H-11
IC1403	H-9
IC1404	H-8
IC1405	H-8
IC1406	H-7
IC1452	G-9
IC1501	F-8
IC1502	D-8
IC1503	G-7
IC2102	F-6
Q1103	I-6
Q1104	I-6
Q1105	I-5

( ): STR-DE998
< >: Except STR-DE898: US, CND, KR, TW model

4-13. PRINTED WIRING BOARD — DIGITAL SECTION (SIDE B) — • See page 16 for Circuit Boards Location. : Uses unleaded solder.



• Semiconductor Location (Side B)

Ref. No.	Location
D1003	F-10
D1004	F-10
(D1102)	E-7
D1107	E-4
D1108	E-4
D1110	F-4
D1111	F-4
IC1001	H-10
IC1011	C-5
IC1021	C-5
IC1031	D-4
IC1351	C-12
IC1352	D-12
IC1353	E-12
IC1354	F-12
IC1901	C-4
IC1902	C-6

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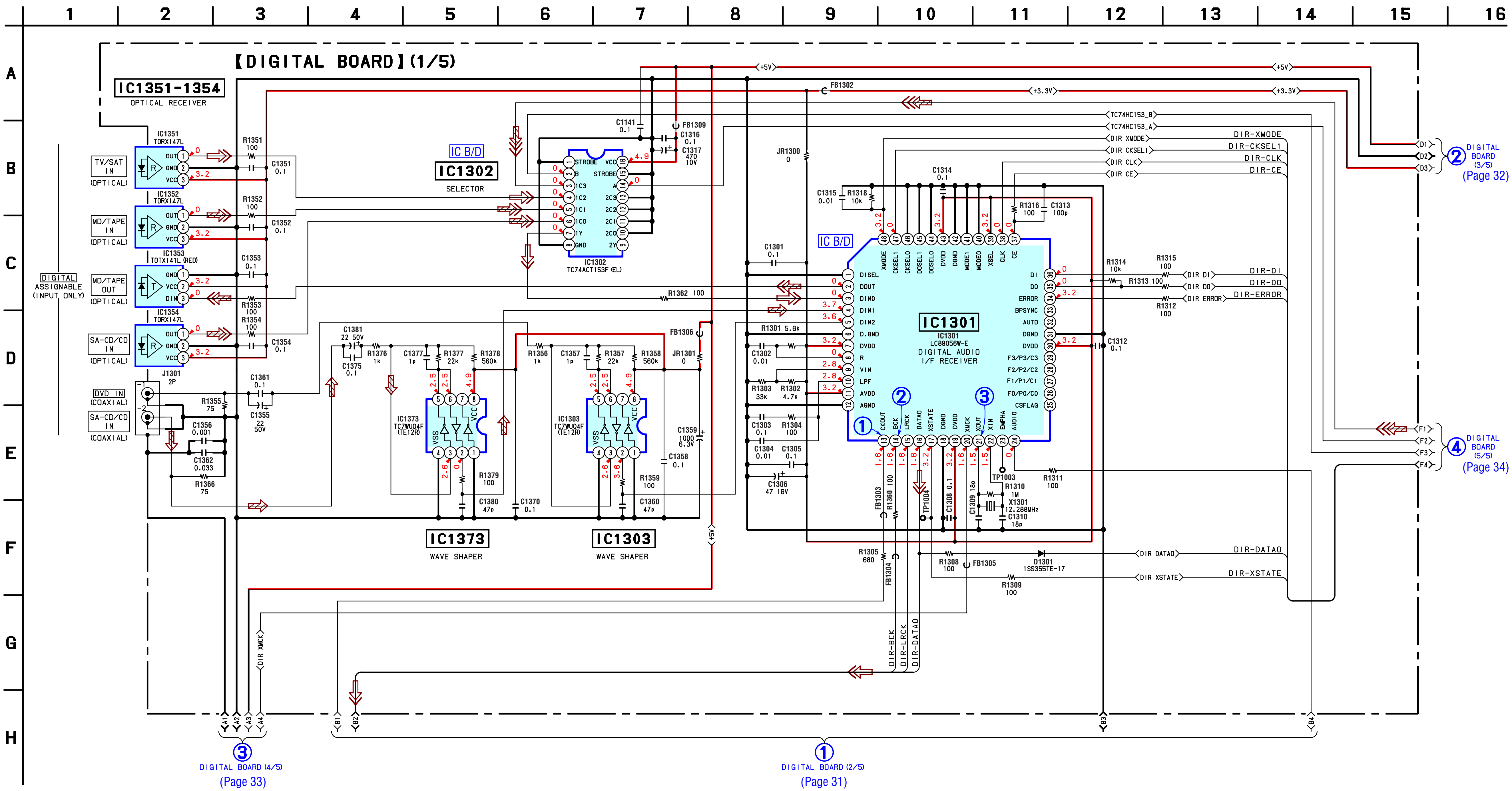
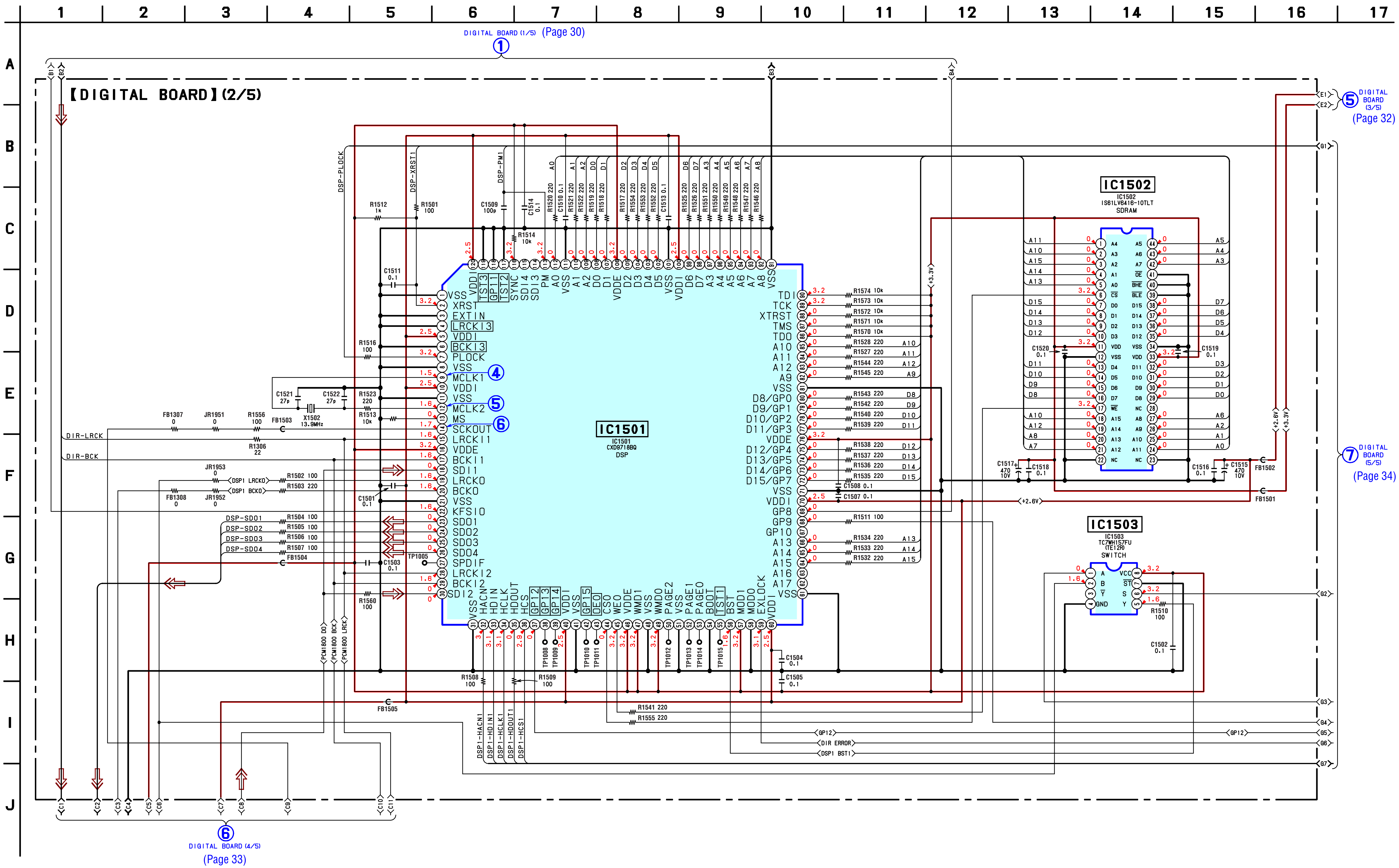
4-14. SCHEMATIC DIAGRAM — DIGITAL SECTION (1/5) —

• See page 23 for Waveforms. • See page 50, 53 for IC Block Diagrams.

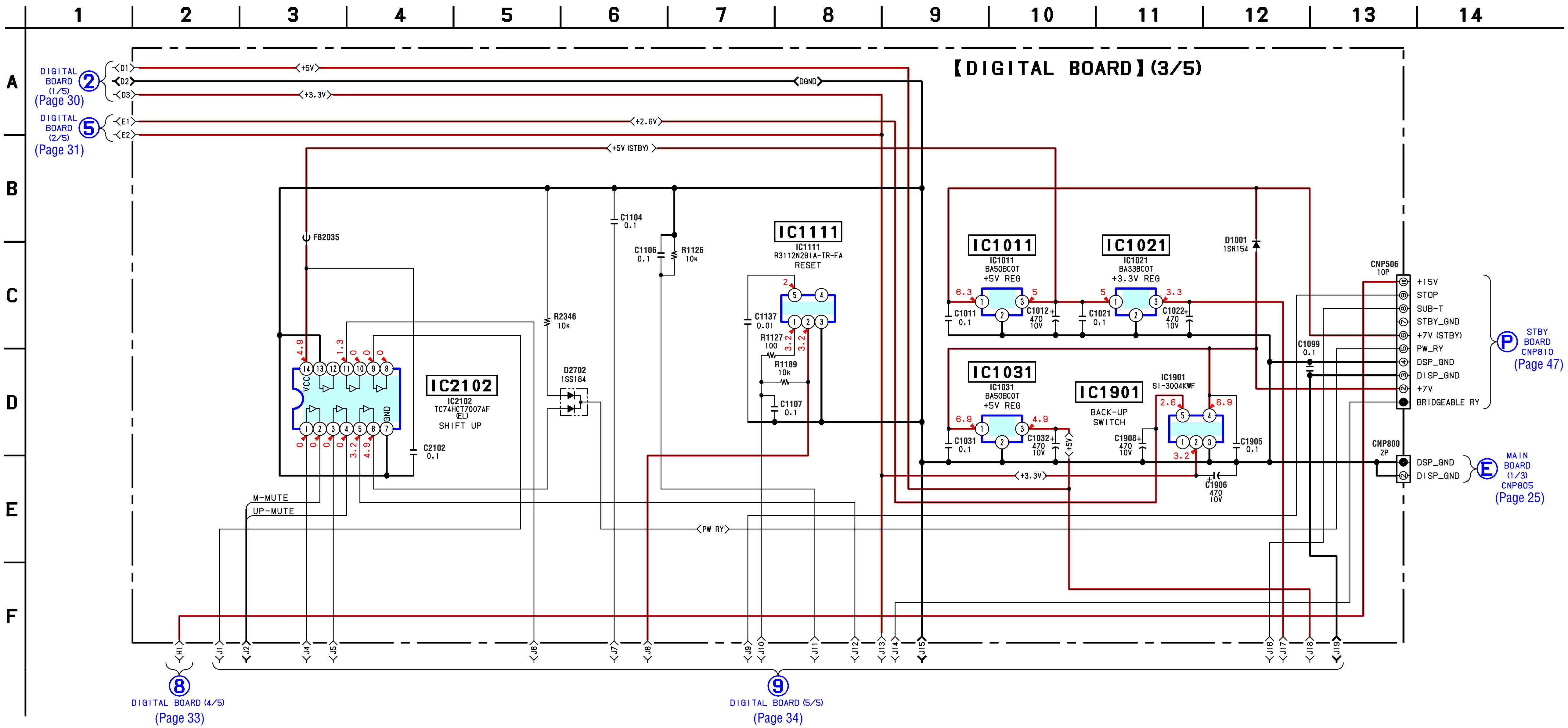


4-15. SCHEMATIC DIAGRAM — DIGITAL SECTION (2/5) —

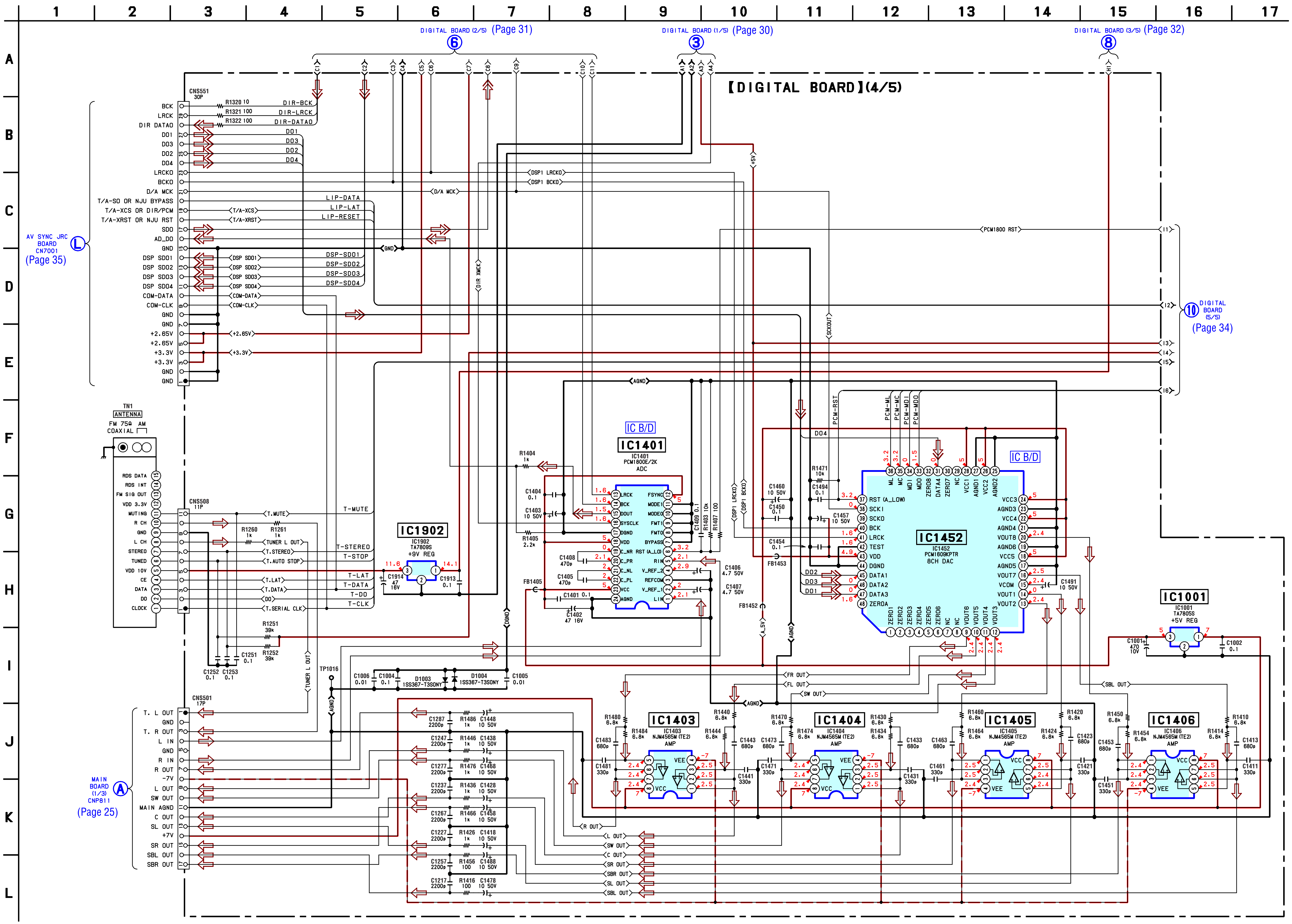
• See page 23 for Waveforms. • See page 55 for IC Pin Function Description.



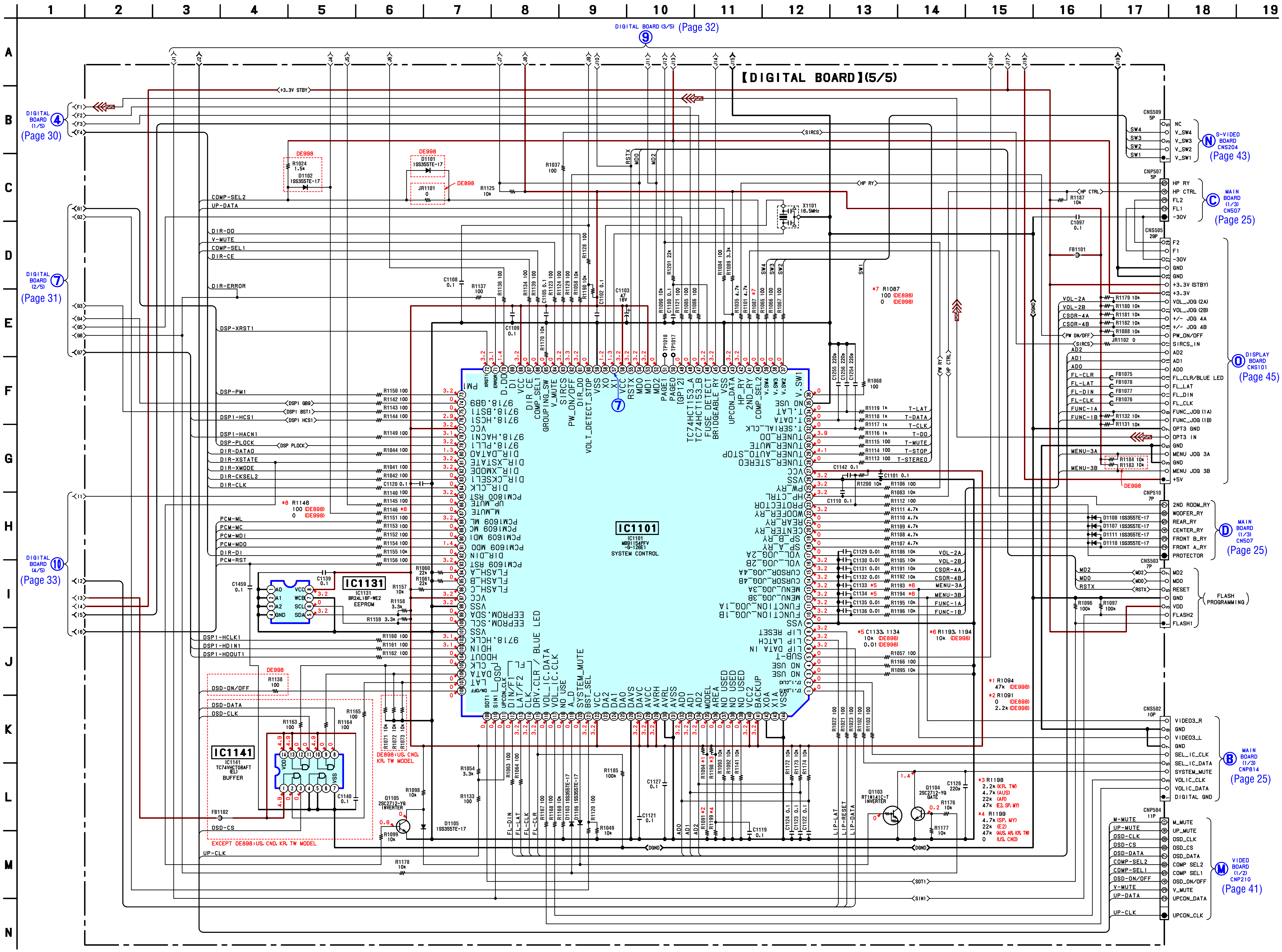
4-16. SCHEMATIC DIAGRAM — DIGITAL SECTION (3/5) —



4-17. SCHEMATIC DIAGRAM — DIGITAL SECTION (4/5) — • See page 23 for Waveforms. • See page 52, 53 for IC Block Diagrams.



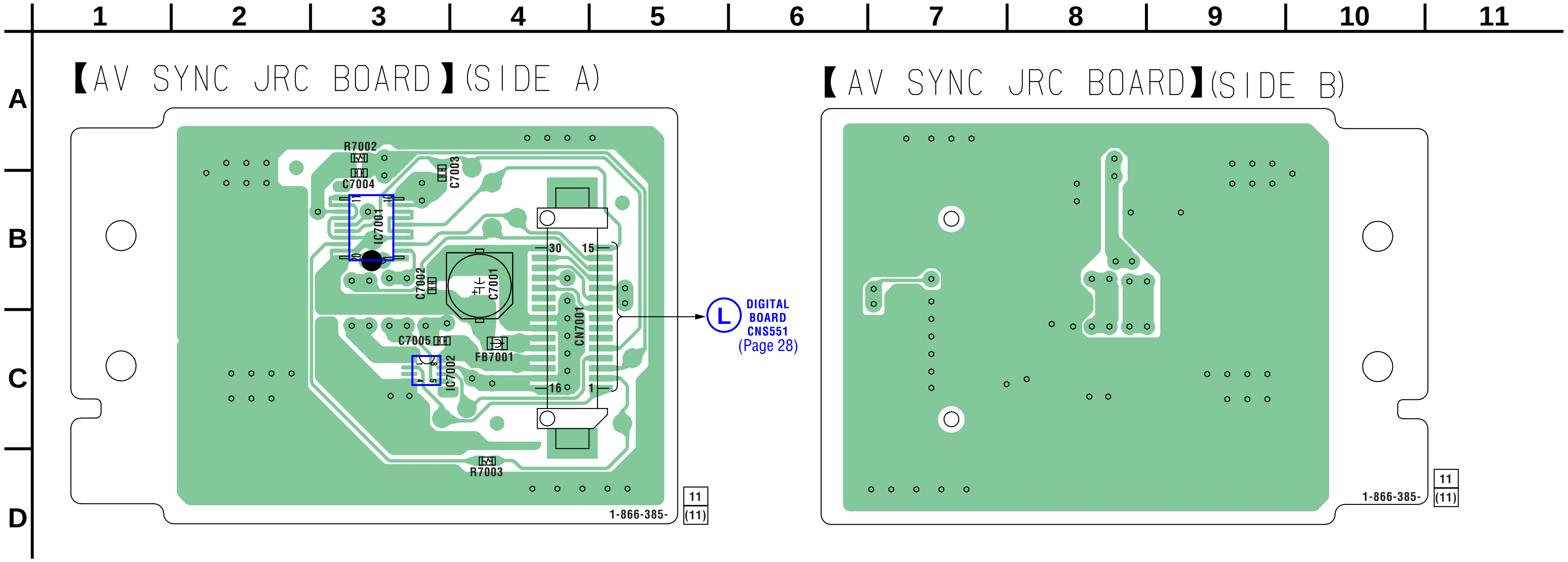
4-18. SCHEMATIC DIAGRAM — DIGITAL SECTION (5/5) — • See page 23 for Waveforms. • See page 57 for IC Pin Function Description.



4-19. PRINTED WIRING BOARDS — AV SYNC JRC SECTION —

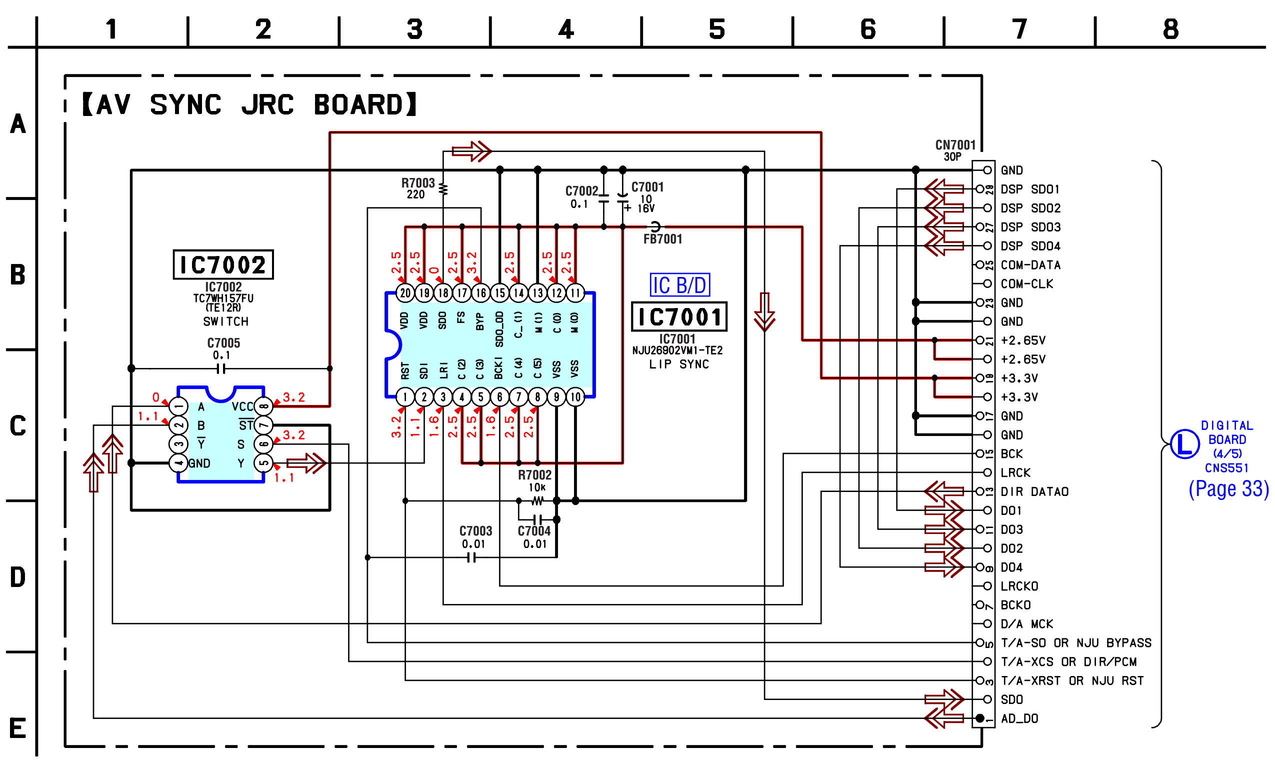
• See page 16 for Circuit Boards Location.

: Uses unleaded solder.



4-20. SCHEMATIC DIAGRAM — AV SYNC JRC SECTION —

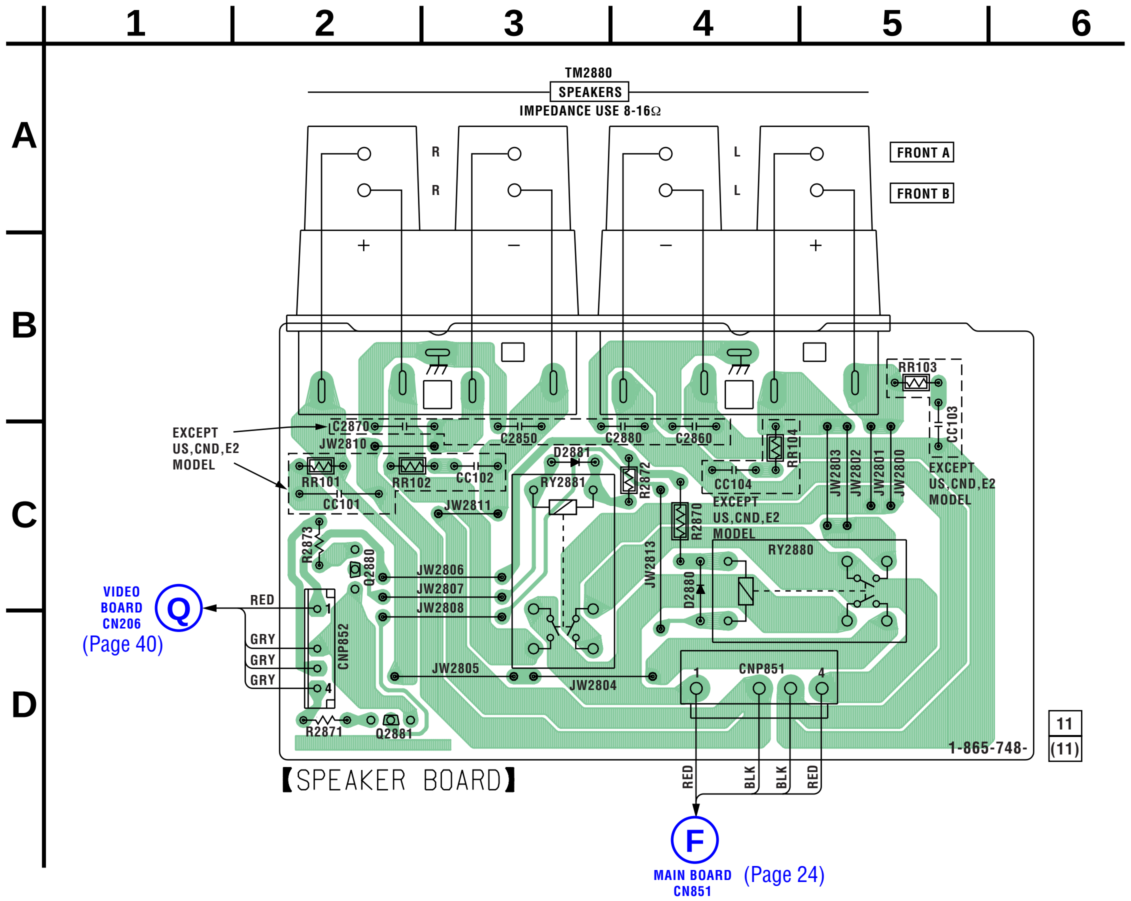
• See page 52 for IC Block Diagrams.



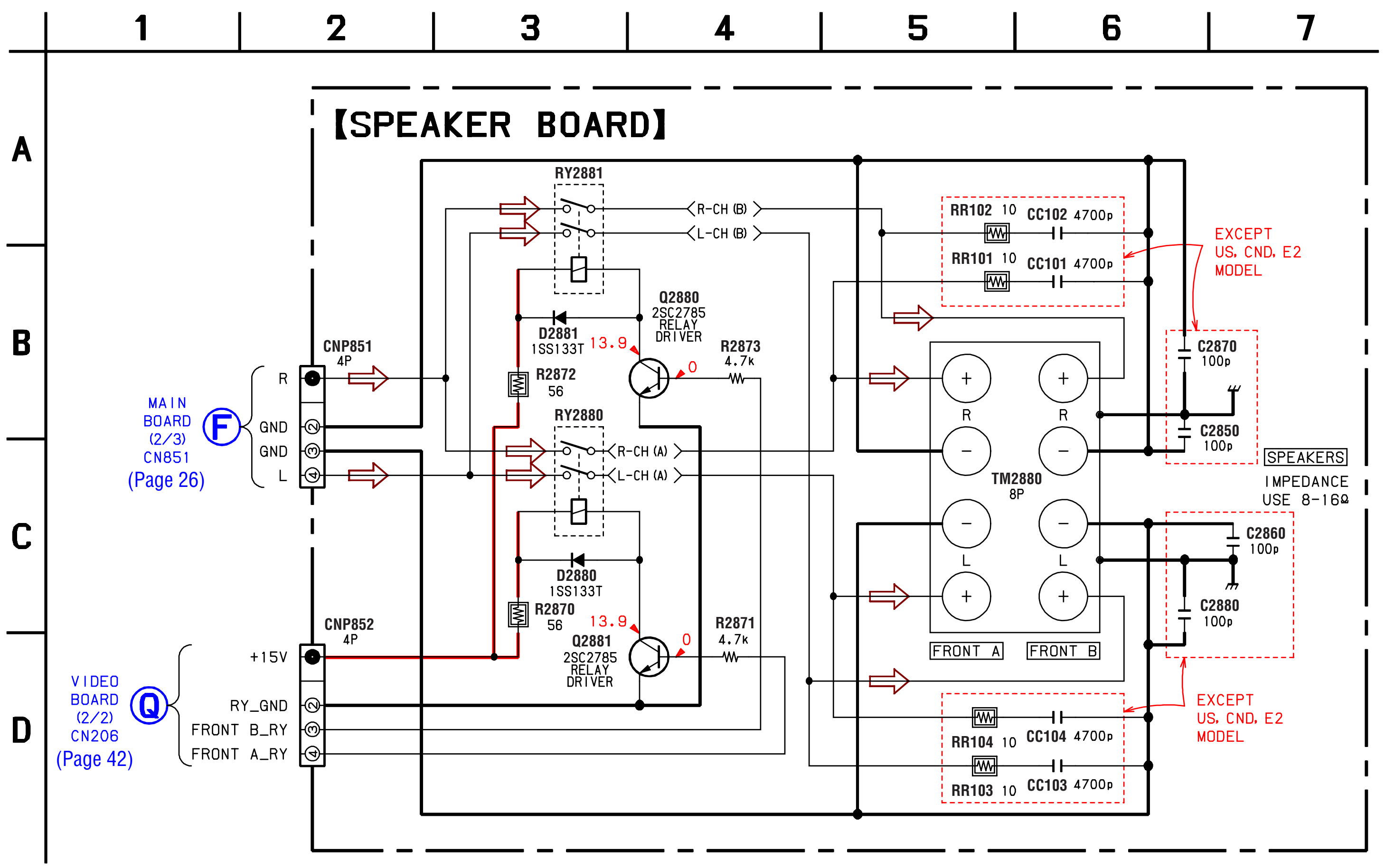
4-21. PRINTED WIRING BOARD — SPEAKER SECTION —

• See page 16 for Circuit Boards Location.

: Uses unleaded solder.



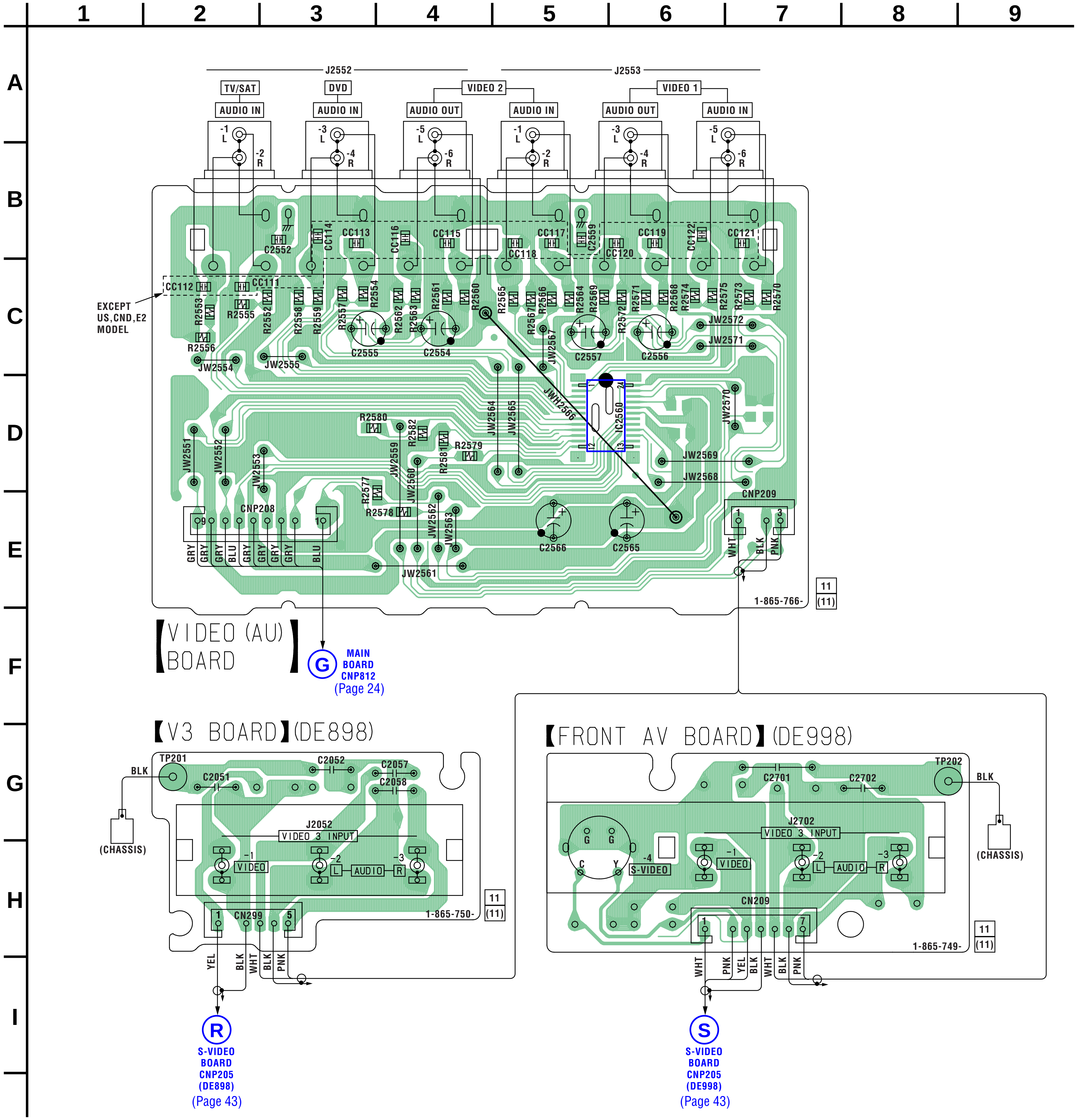
4-22. SCHEMATIC DIAGRAM — SPEAKER SECTION —



4-23. PRINTED WIRING BOARDS — VIDEO (AU) SECTION —

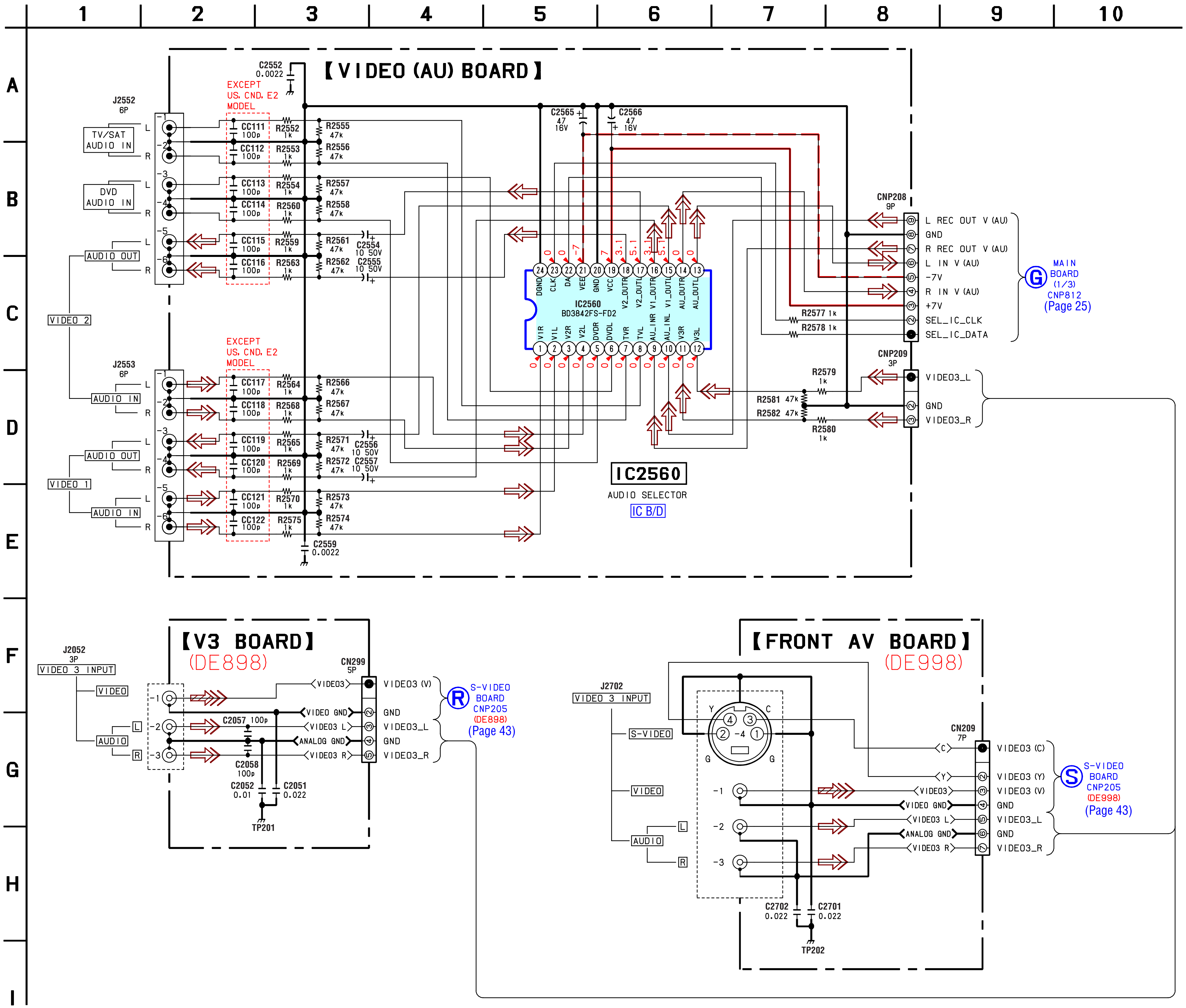
• See page 16 for Circuit Boards Location.

: Uses unleaded solder.

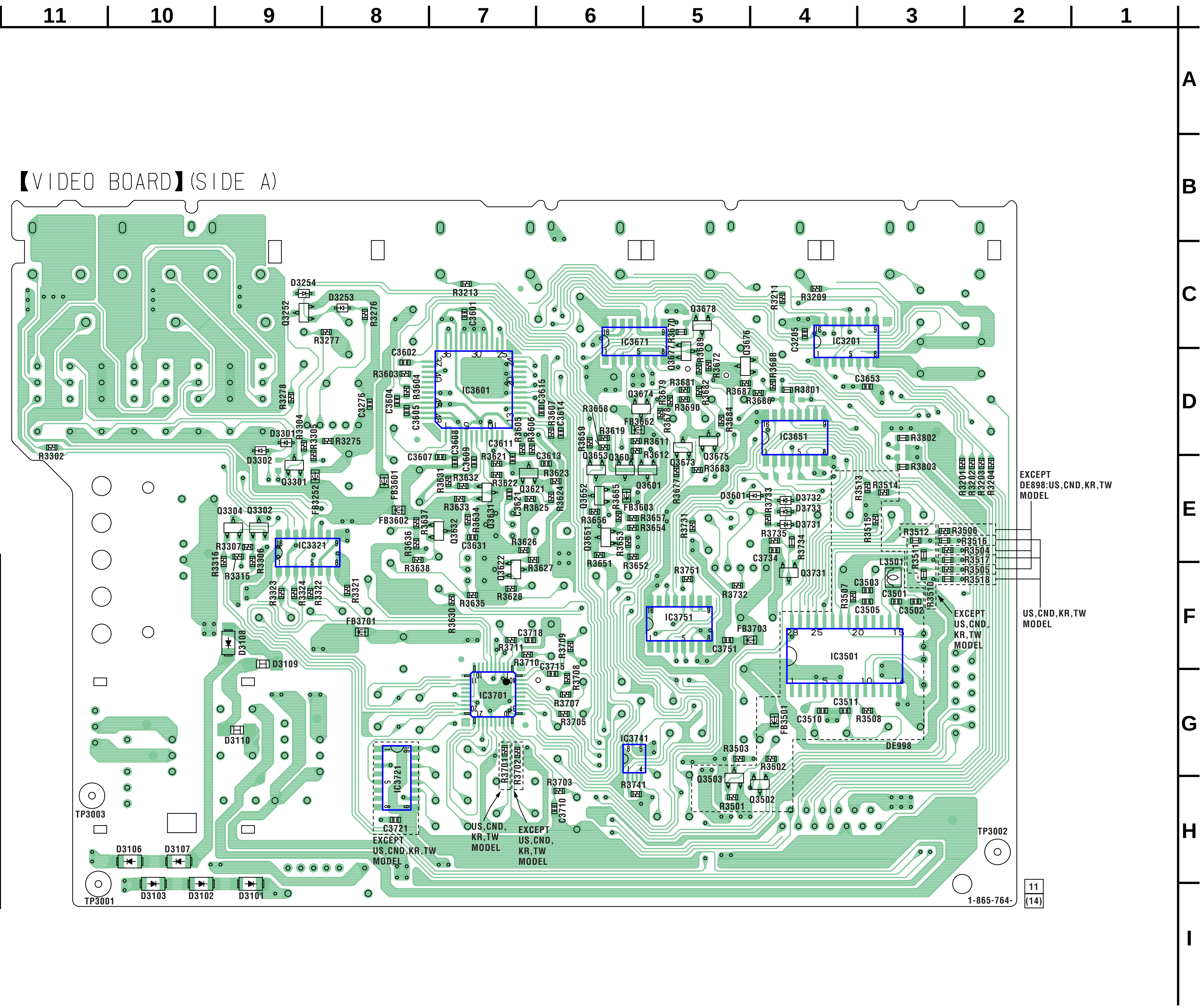


4-24. SCHEMATIC DIAGRAM — VIDEO (AU) SECTION —

• See page 48 for IC Block Diagrams.



4-25. PRINTED WIRING BOARD — VIDEO SECTION (SIDE A) — • See page 16 for Circuit Boards Location. : Uses unleaded solder.



• **Semiconductor Location (Side A)**

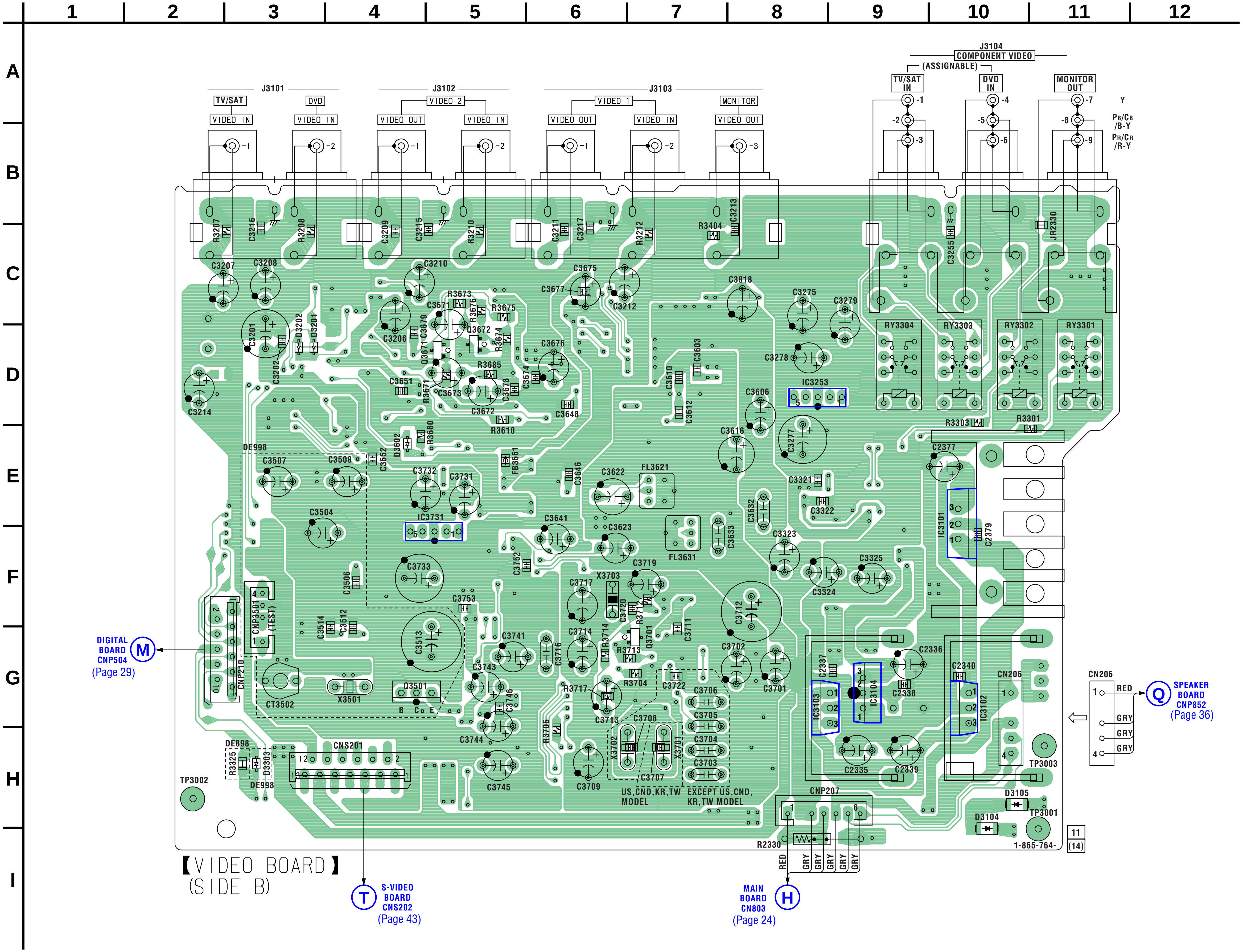
Ref. No.	Location	Ref. No.	Location
D3101	I-9	IC3751	F-5
D3102	I-10		
D3103	I-10	Q3252	C-9
D3106	H-10	Q3301	E-9
D3107	H-10	Q3302	E-9
D3108	F-10	Q3304	E-9
D3253	C-8	(Q3502)	H-4
D3254	C-9	(Q3503)	G-5
D3301	D-9	Q3601	E-5
D3302	E-9	Q3604	E-6
D3601	E-5	Q3621	E-7
D3731	E-4	Q3622	F-7
D3732	E-4	Q3631	E-7
D3733	E-4	Q3632	E-7
		Q3651	E-6
IC3201	C-4	Q3652	E-6
IC3321	E-9	Q3653	E-6
(IC3501)	F-4	Q3673	D-5
IC3601	D-7	Q3674	D-6
IC3651	D-4	Q3675	D-5
IC3671	C-6	Q3676	D-5
IC3701	G-7	Q3677	D-5
<IC3721>	G-8	Q3678	C-5
IC3741	G-6	Q3731	F-4

( ): STR-DE998
< >: Except US, CND, KR, TW model

4-26. PRINTED WIRING BOARD — VIDEO SECTION (SIDE B) —

• See page 16 for Circuit Boards Location.

: Uses unleaded solder.



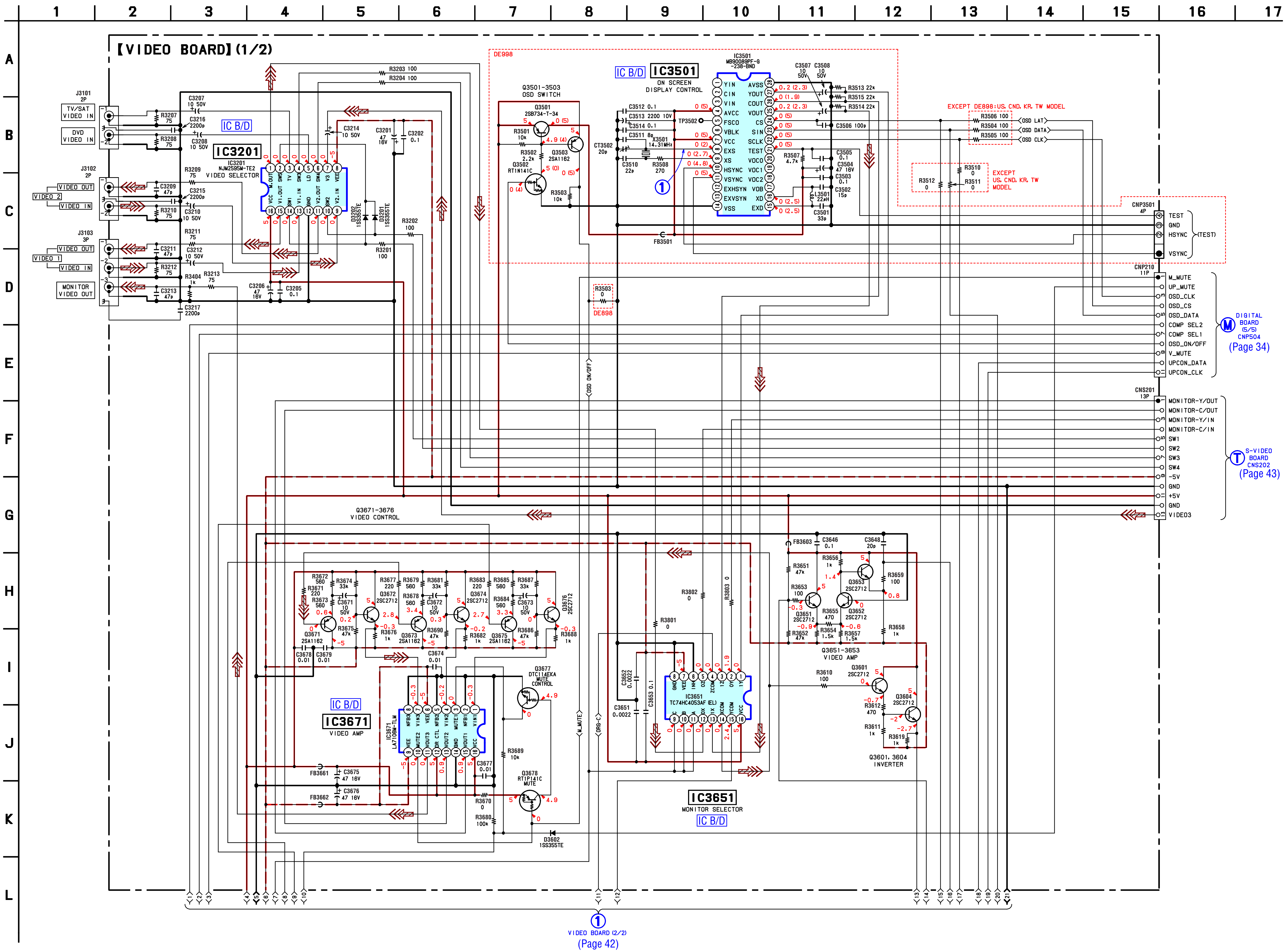
• **Semiconductor Location (Side B)**

Ref. No.	Location
D3104	H-10
D3105	H-10
D3201	D-3
D3202	D-3
(D3303)	H-3
D3602	E-4
IC3101	F-10
IC3102	G-10
IC3103	G-9
IC3104	G-9
IC3253	D-8
IC3731	F-5
(Q3501)	G-4
Q3671	D-5
Q3672	D-5
Q3701	G-7

( ): STR-DE998

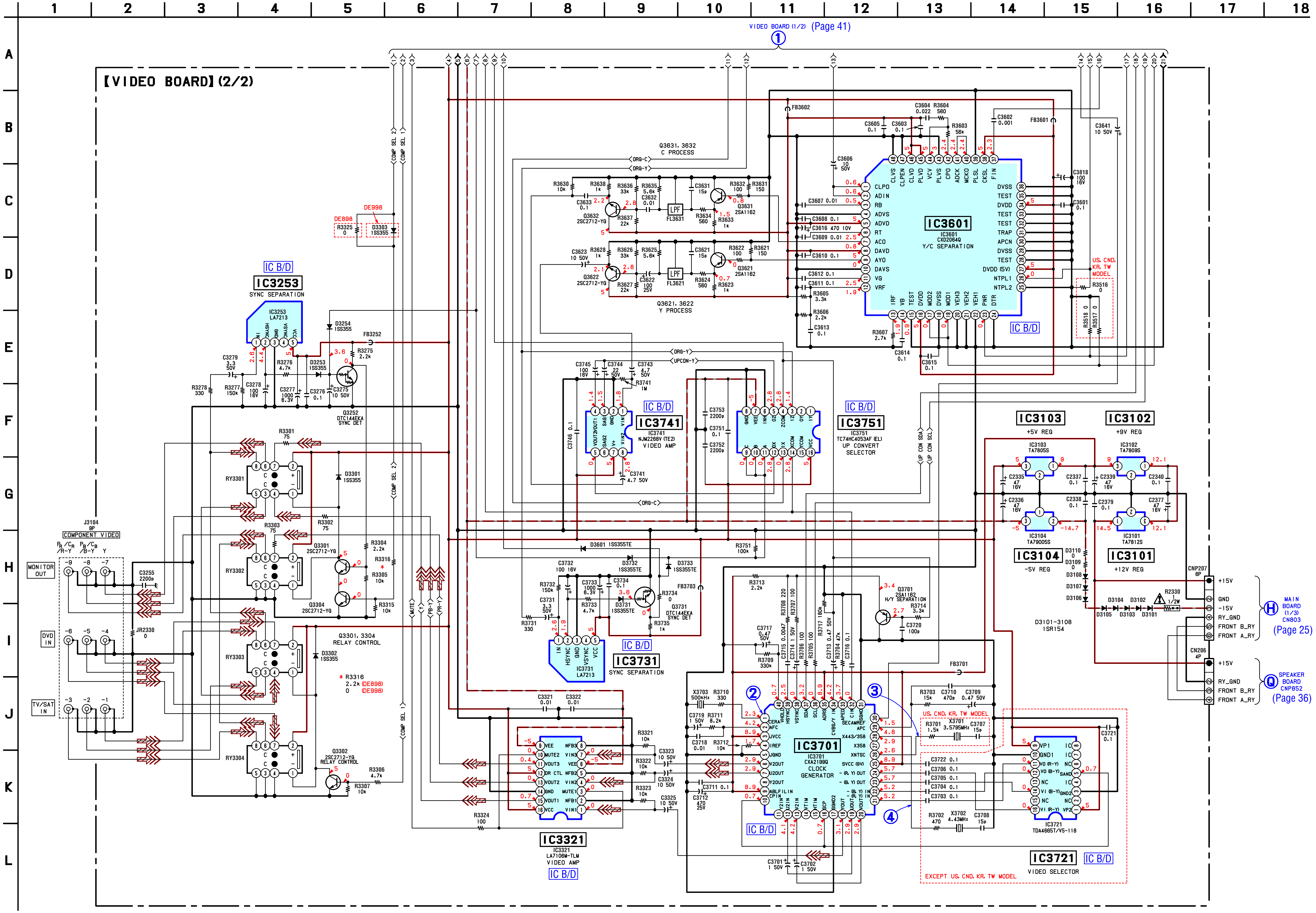
4-27. SCHEMATIC DIAGRAM — VIDEO SECTION (1/2) —

• See page 23 for Waveforms. • See page 49, 50, 51, 53 for IC Block Diagrams.



4-28. SCHEMATIC DIAGRAM — VIDEO SECTION (2/2) —

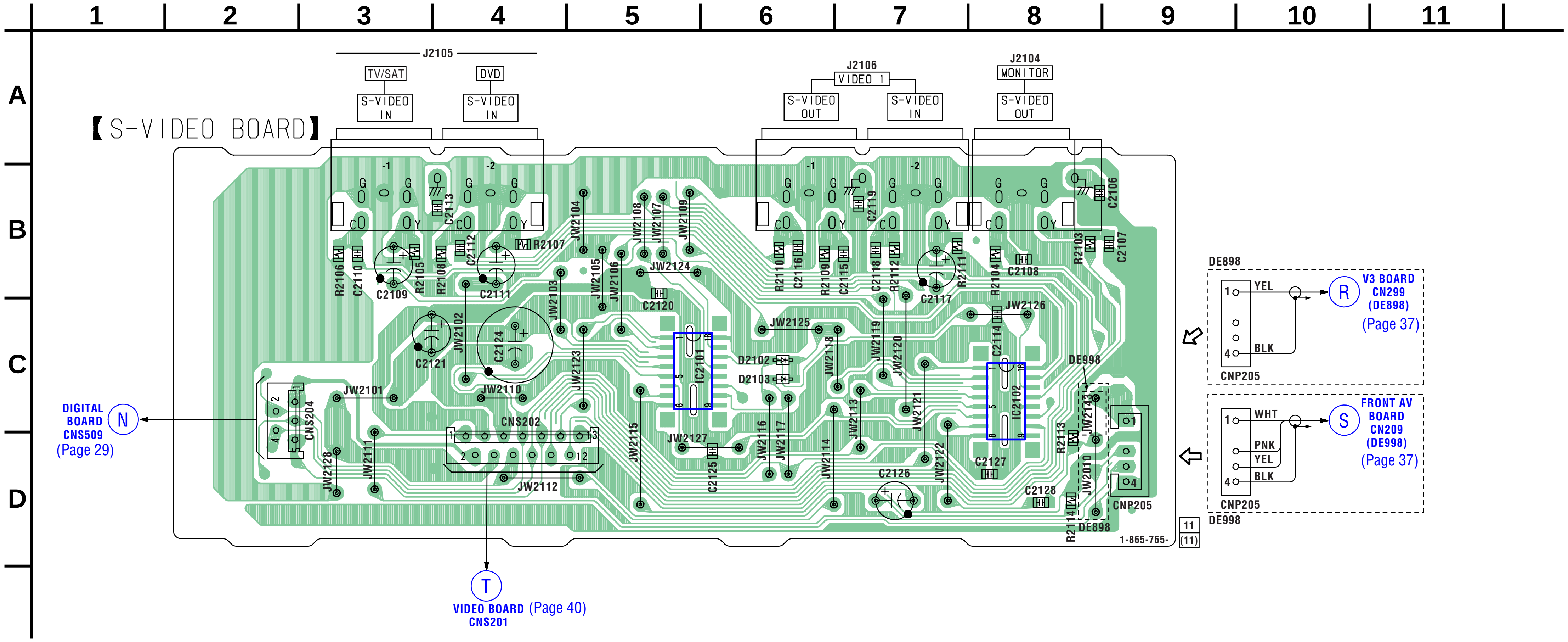
• See page 23 for Waveforms. • See page 48, 49, 51, 53, 54 for IC Block Diagrams.



4-29. PRINTED WIRING BOARD — S-VIDEO SECTION —

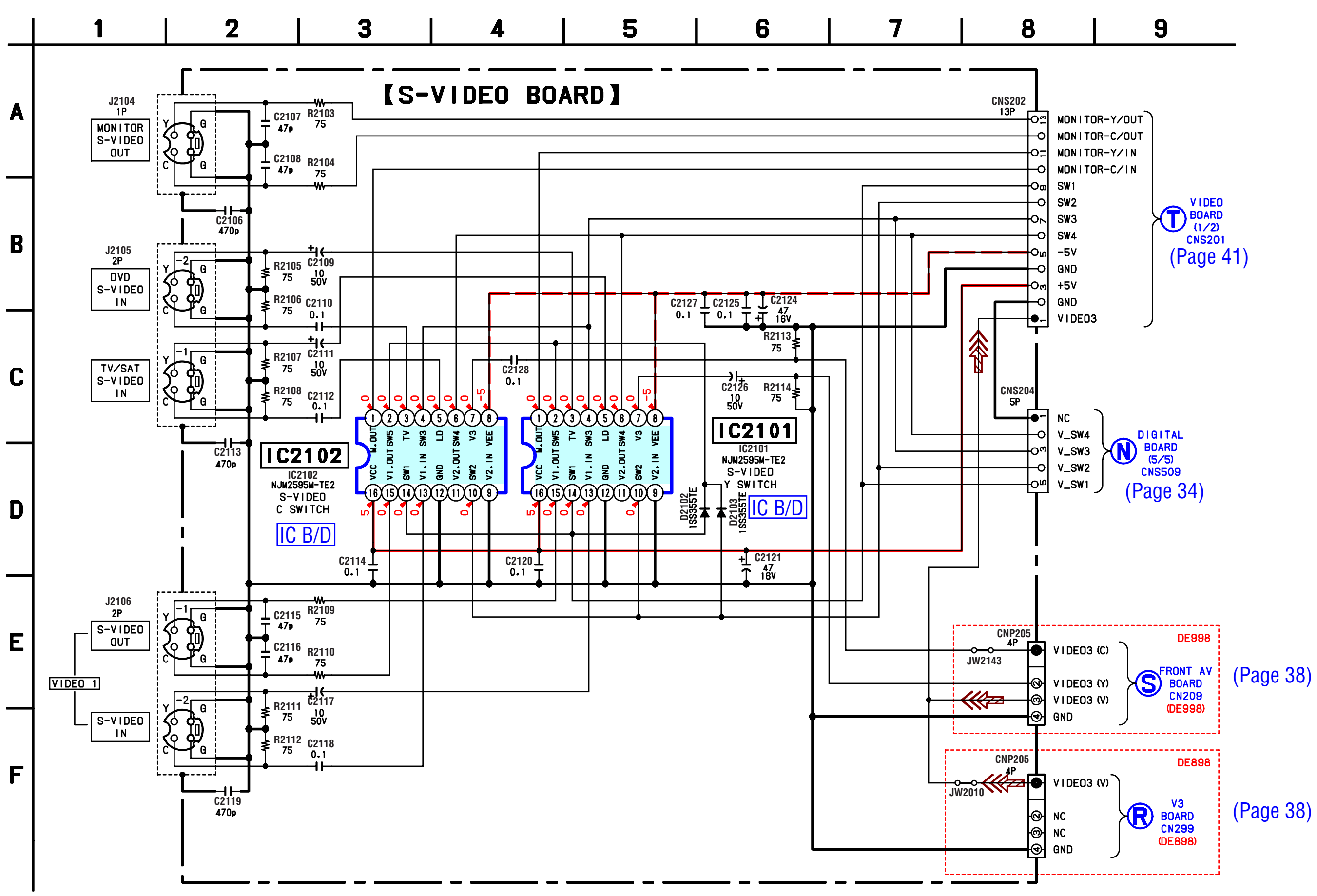
• See page 16 for Circuit Boards Location.

: Uses unleaded solder.



4-30. SCHEMATIC DIAGRAM — S-VIDEO SECTION —

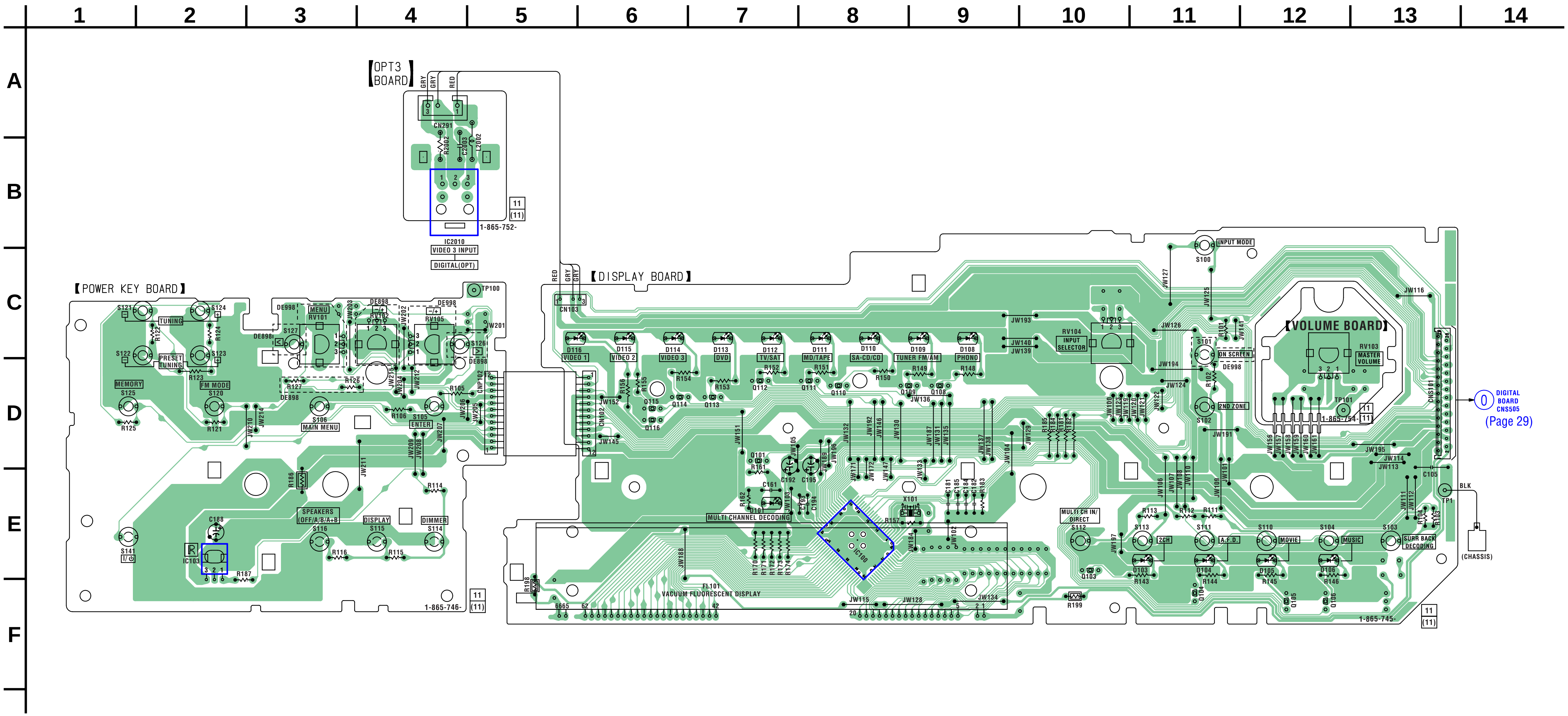
• See page 51 for IC Block Diagrams.



4-31. PRINTED WIRING BOARDS — DISPLAY SECTION —

• See page 16 for Circuit Boards Location.

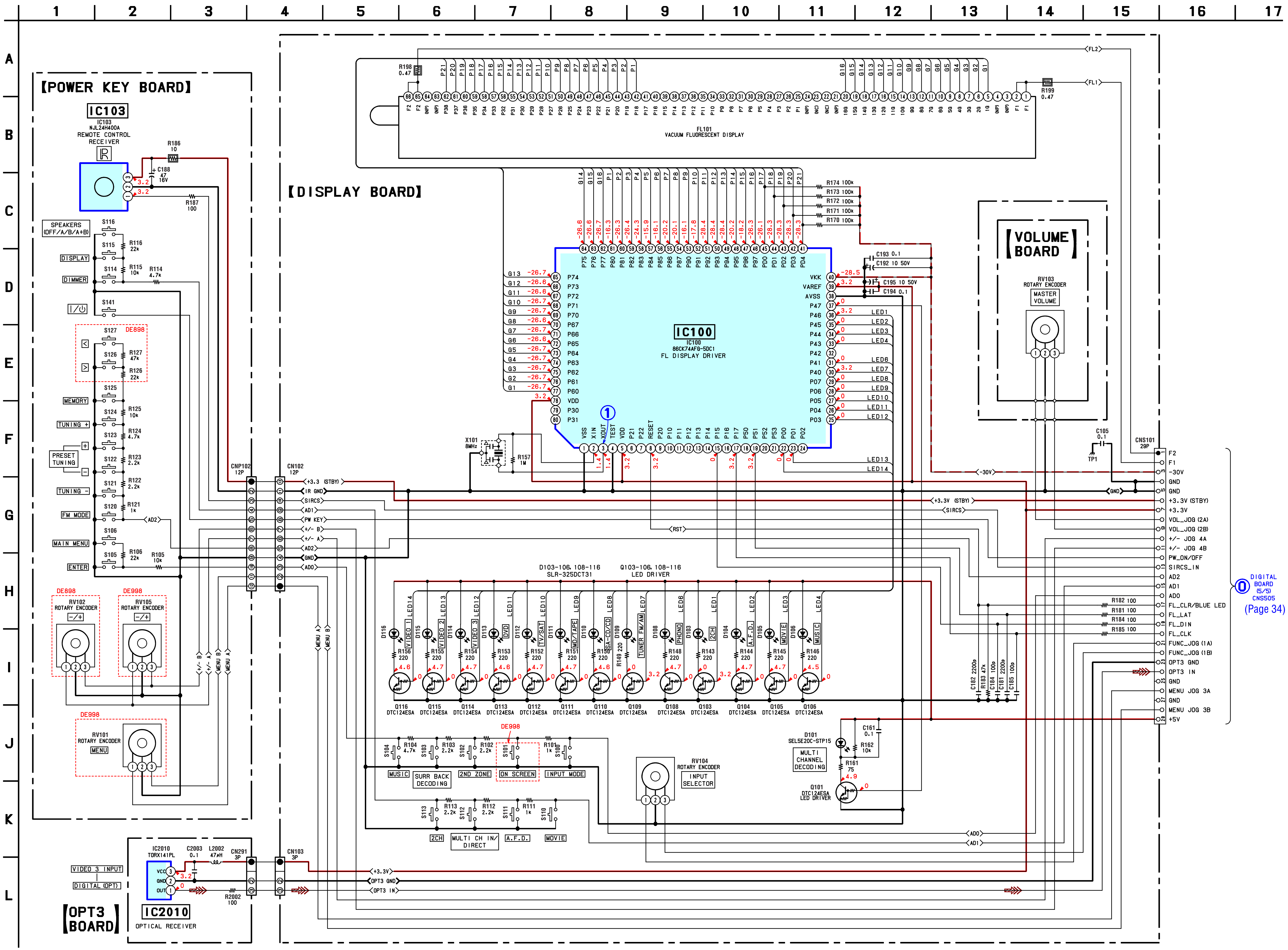
: Uses unleaded solder.



• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D101	E-7	IC2010	B-4
D103	E-11		
D104	E-11	Q101	D-7
D105	E-12	Q103	E-10
D106	E-12	Q104	F-11
D108	C-9	Q105	F-12
D109	C-9	Q106	F-12
D110	C-8	Q108	D-9
D111	C-8	Q109	D-9
D112	C-7	Q110	D-8
D113	C-7	Q111	D-8
D114	C-6	Q112	D-7
D115	C-6	Q113	D-7
D116	C-6	Q114	D-6
		Q115	D-6
IC100	E-8	Q116	D-6
IC103	E-2		

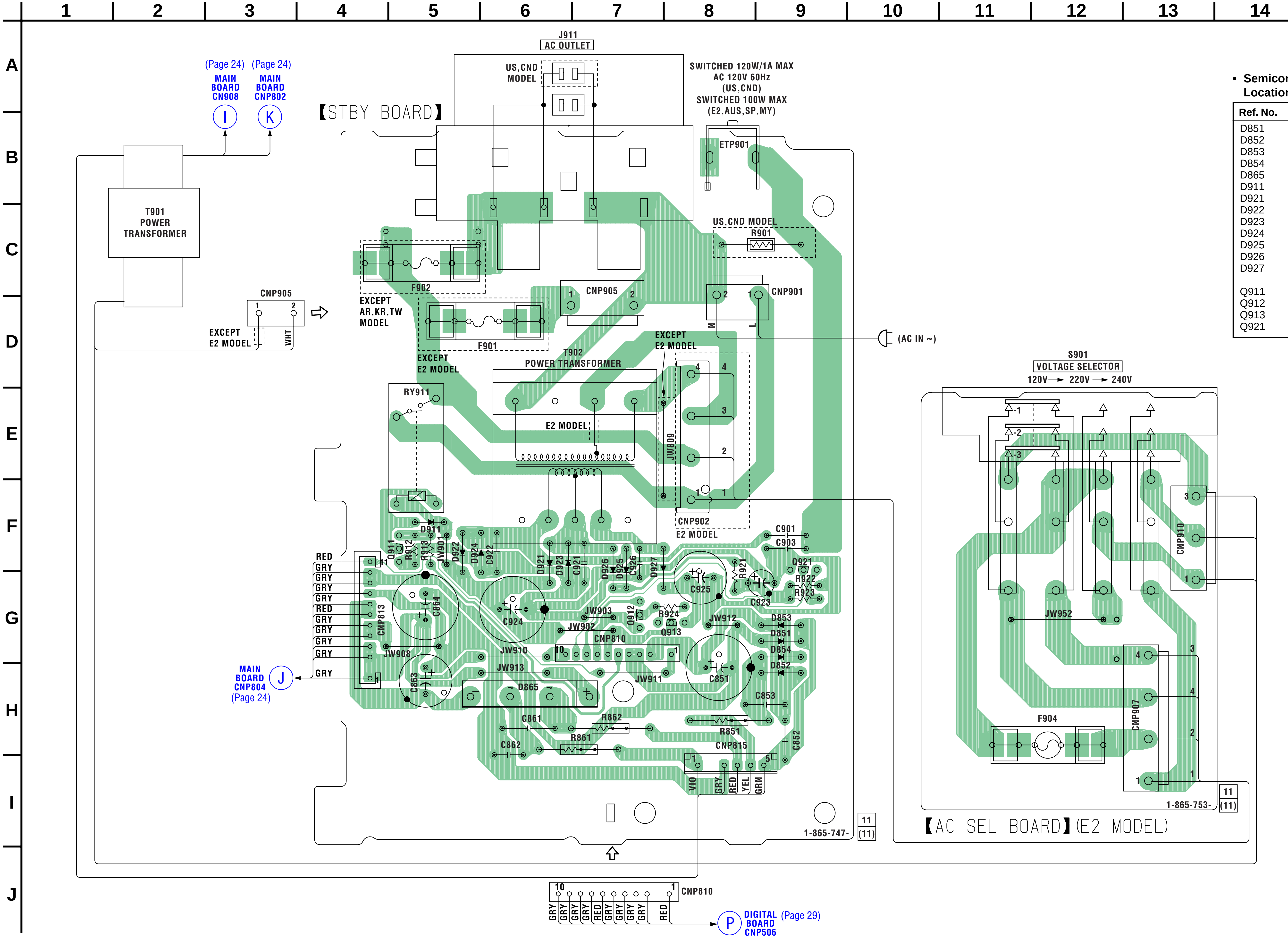
4-32. SCHEMATIC DIAGRAM — DISPLAY SECTION — • See page 23 for Waveforms.



4-33. PRINTED WIRING BOARDS — STBY SECTION —

• See page 16 for Circuit Boards Location.

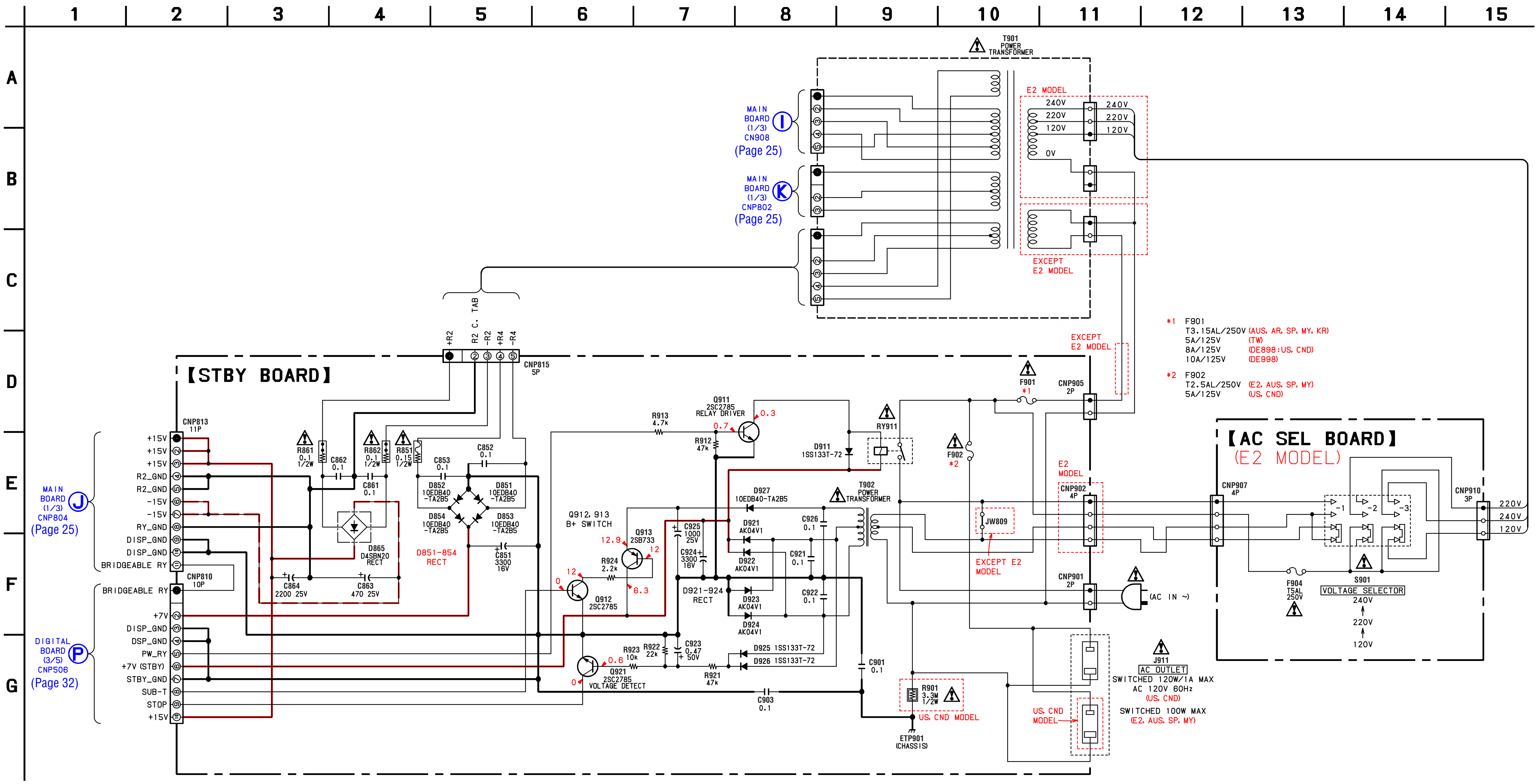
: Uses unleaded solder.



• Semiconductor Location

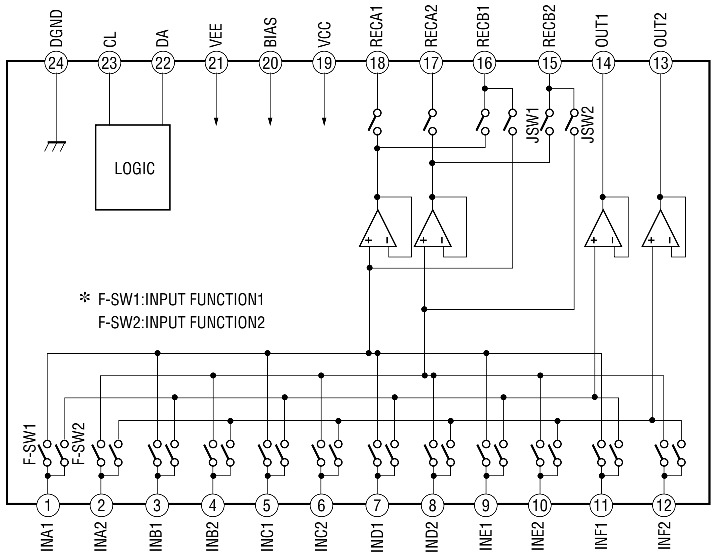
Ref. No.	Location
D851	G-9
D852	H-9
D853	G-9
D854	G-9
D865	H-6
D911	F-5
D921	F-6
D922	F-5
D923	F-6
D924	F-5
D925	F-7
D926	F-7
D927	F-7
Q911	F-5
Q912	G-7
Q913	G-8
Q921	F-9

4-34. SCHEMATIC DIAGRAM — STBY SECTION —

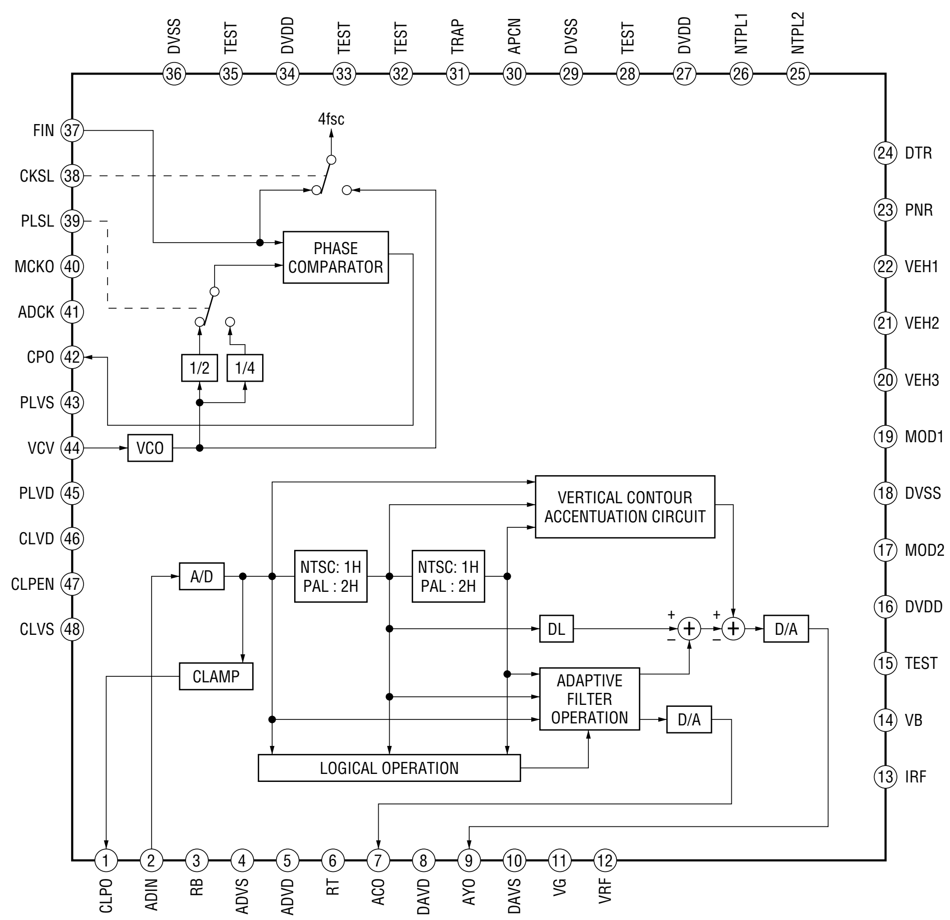


• **IC Block Diagrams**

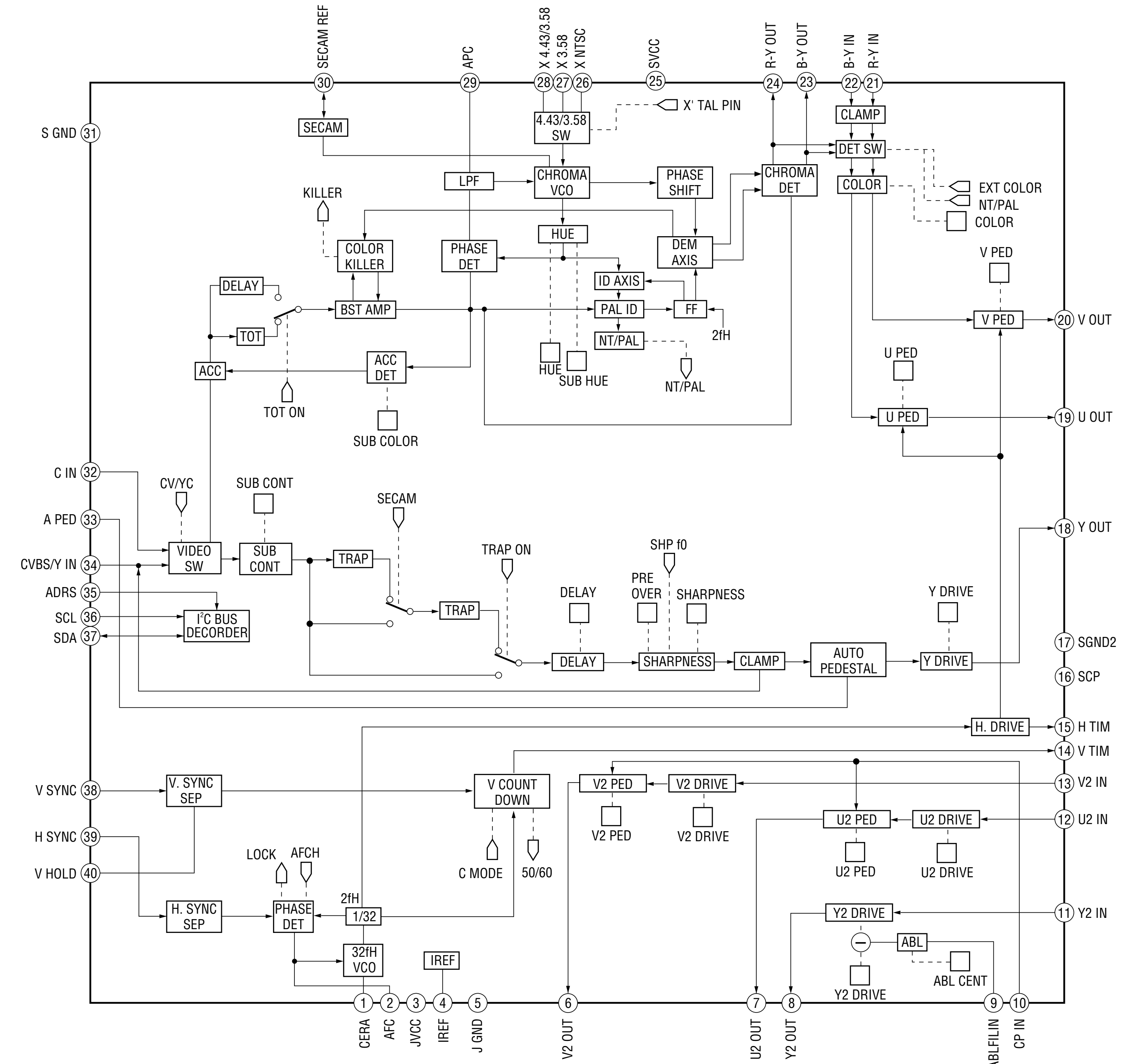
IC2560 BD3842FS-FD2 (VIDEO (AU) BOARD)



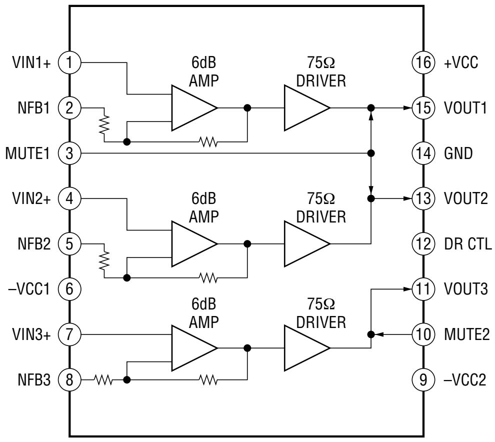
IC3601 CXD2064Q (VIDEO BOARD (2/2))



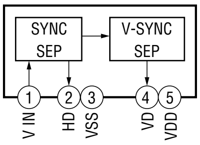
IC3701 CXA2199Q (VIDEO BOARD (2/2))



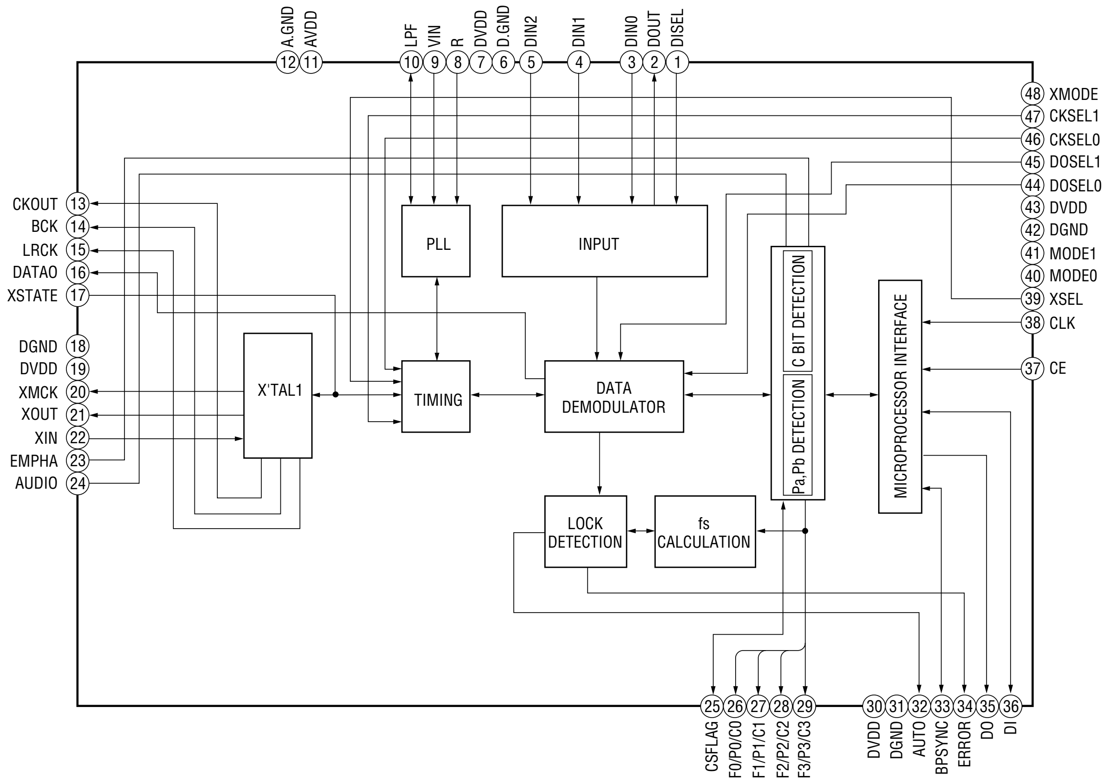
IC3321 LA7106M-TLM (VIDEO BOARD (2/2))
IC3671 LA7106M-TLM (VIDEO BOARD (1/2))



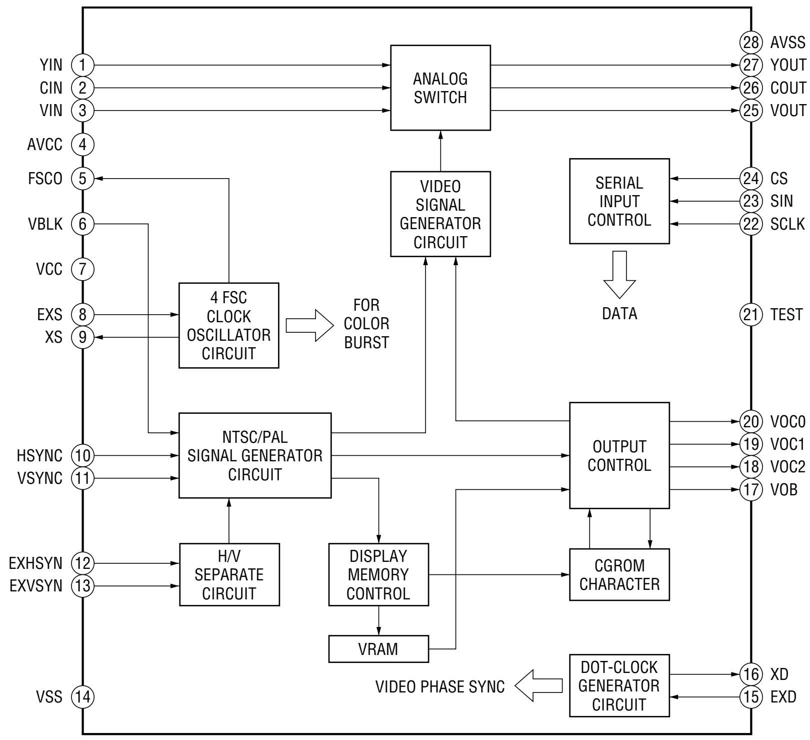
IC3253 LA7213 (VIDEO BOARD (2/2))
IC3731 LA7213 (VIDEO BOARD (2/2))



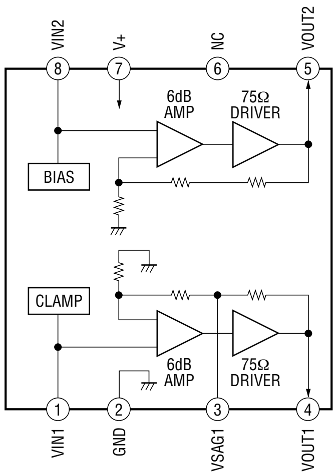
IC1301 LC89056W-E (DIGITAL BOARD (1/5))



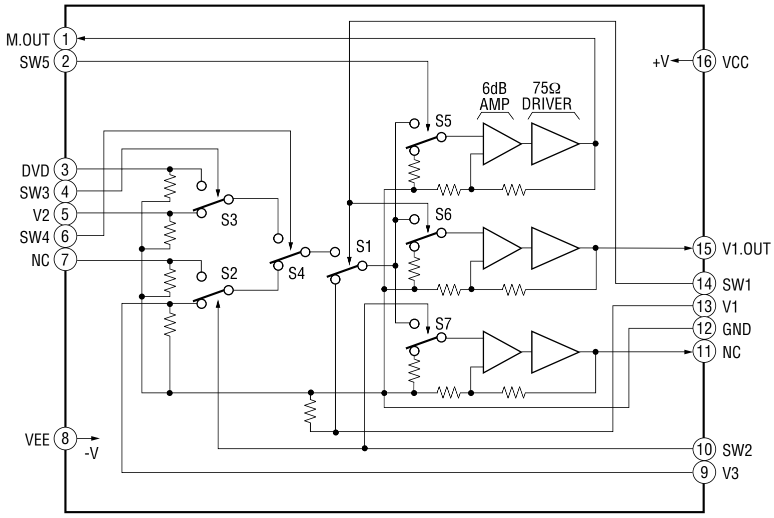
IC3501 MB90089PF-G-238-BND (VIDEO BOARD (1/2)) (STR-DE998 only)



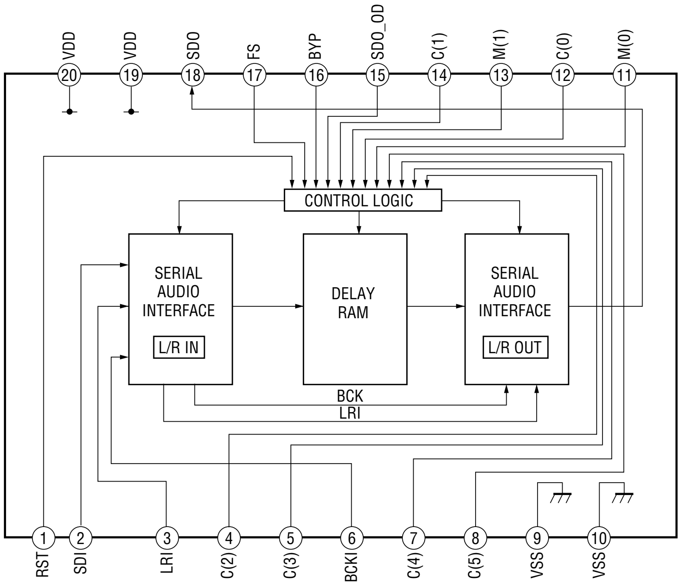
IC3741 NJM2268V(TE2) (VIDEO BOARD (2/2))



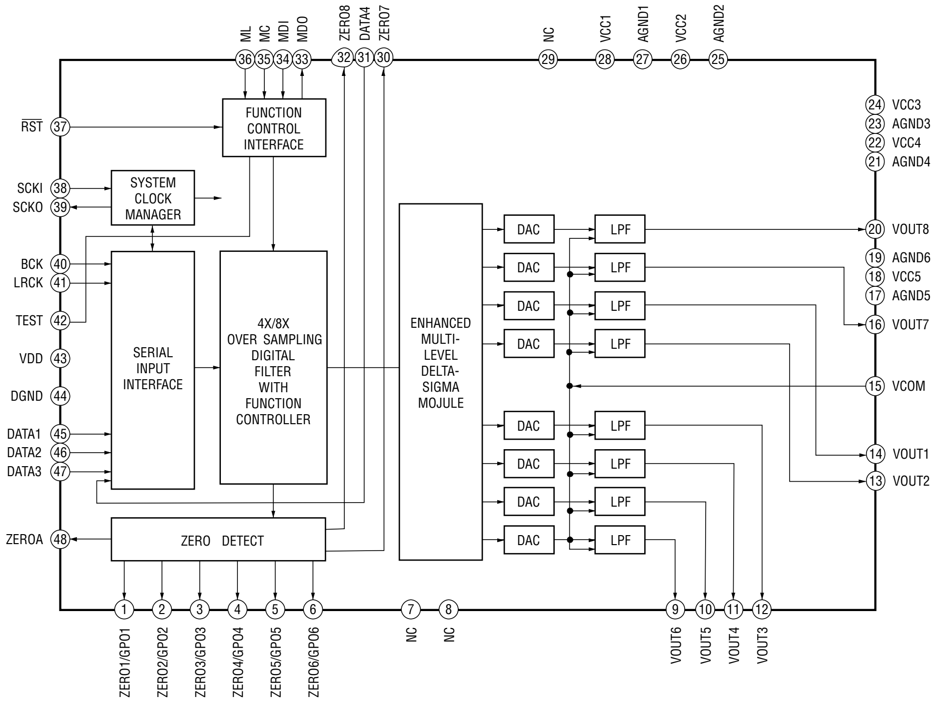
IC3201 NJM2595M-TE2 (VIDEO BOARD (1/2))
IC2101 NJM2595M-TE2 (S-VIDEO BOARD)
IC2102 NJM2595M-TE2 (S-VIDEO BOARD)



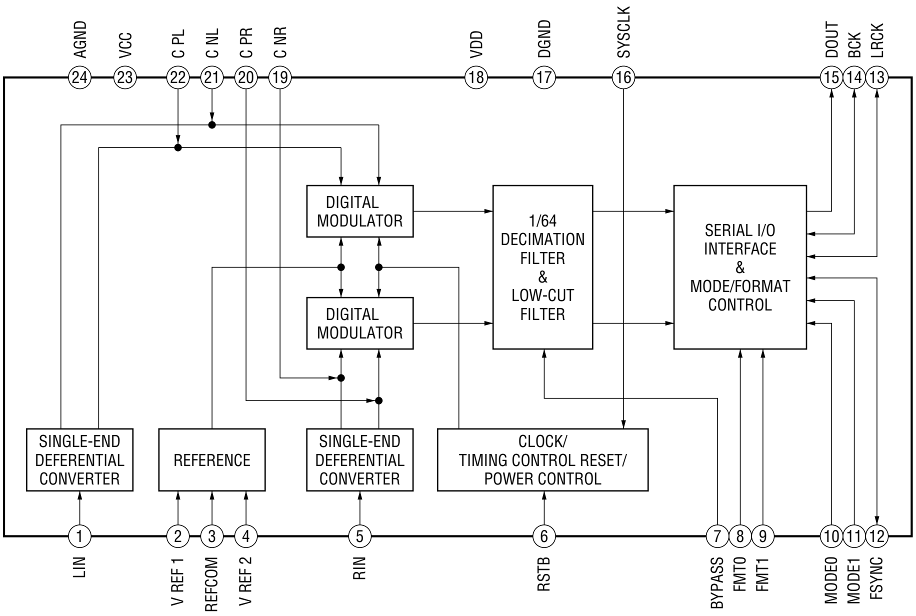
IC7001 NJU26902VM1-TE2 (AV SYNC JRC BOARD)



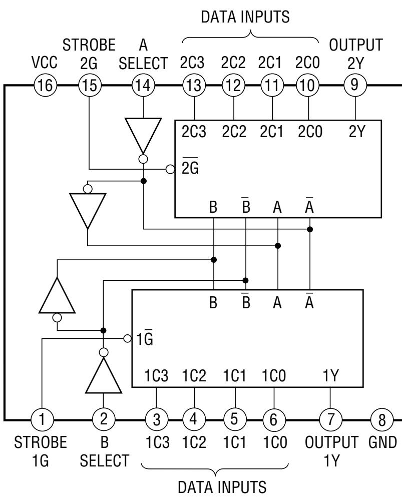
IC1452 PCM1609KPTR (DIGITAL BOARD (4/5))



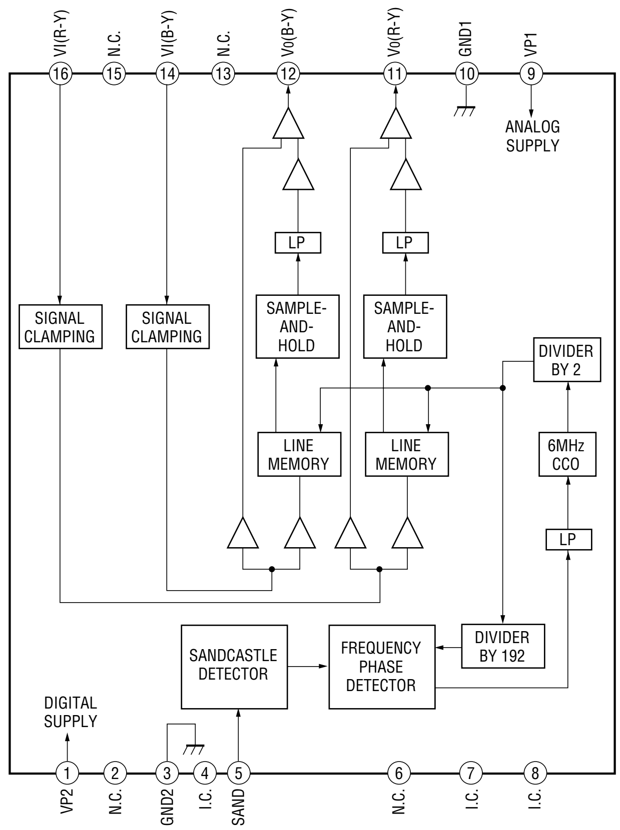
IC1401 PCM1800E/2K (DIGITAL BOARD (4/5))



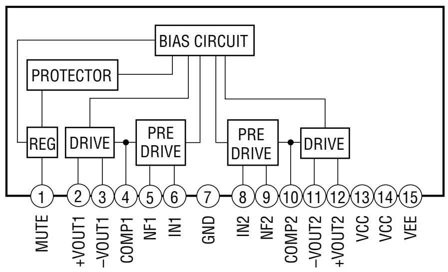
IC1302 TC74ACT153F(EL) (DIGITAL BOARD (1/5))
IC3651 TC74HC4053AF(EL) (VIDEO BOARD (1/2))
IC3751 TC74HC4053AF(EL) (VIDEO BOARD (2/2))



IC3721 TDA4665T/V5-118 (VIDEO BOARD (2/2)) (Except US, CND model)



IC400 uPC2581V-S (MAIN BOARD (2/3))
IC500 uPC2581V-S (MAIN BOARD (2/3))
IC600 uPC2581V-S (MAIN BOARD (3/3))
IC700 uPC2581V-S (MAIN BOARD (3/3))



• IC Pin Descriptions

IC1501 CXD9718Q (DSP) (DIGITAL Board (2/5))

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	PLL lock signal output for SYSTEM CONTROL IC
8	VSS	—	Ground
9	MCLK1	I	Clock signal input (13.9 MHz)
10	VDDI	I	Power supply pin (+2.6 V)
11	VSS	—	Ground
12	MCLK2	O	Clock signal output (13.9 MHz)
13	MS	I	Not used (Fixed at L)
14	SCKOUT	O	Internal system clock signal output for 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 (SDRAM)
45	WE0	O	SDRAM write enable signal output for D/A converter IC (SDRAM)
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 (SDRAM)
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 (SDRAM)
83 to 85	A12 to A10	O	External memory address signal output for D/A converter IC (SDRAM)
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 (SDRAM)
98, 99	D7, D6	I/O	External memory data input/output for D/A converter IC (SDRAM)
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 (SDRAM)
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 (SDRAM)
109, 110	A2, A1	O	External memory address signal output for D/A converter IC (SDRAM)
111	VSS	—	Ground
112	A0	O	External memory address signal output for D/A converter IC (SDRAM)
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 MB91154PFV-G-126E1 (SYSTEM CONTROL) (DIGITAL Board (5/5))

Pin No.	Pin Name	I/O	Pin Description
1	[7.1_DAT]	O	MULTI CH IN DATA
2	[7.1_CLK]	O	MULTI CH IN CLOCK
3, 4	NO USE	O	Not used (Fixed at L)
5	SUB-T	O	SUB TRANSFORMER VOLT O/P
6	LIP DATA IN	I	LIP DATA IN
7	LIP LATCH	O	LIP LATCH
8	LIP RESET	O	LIP RESET
9	VSS	—	Ground
10	FUNCTION_JOG_1B	I	FUNCTION JOG 1B
11	FUNCTION_JOG_1A	I	FUNCTION JOG 1A
12	MENU_JOG_3B	I	MENU JOG 3B
13	MENU_JOG_3A	I	MENU JOG 3A
14	CURSOR_JOG_4B	I	CURSOR JOG 4B
15	CURSOR_JOG_4A	I	CURSOR JOG 4A
16	VOL_JOG_2B	I	VOLUME JOG 2B
17	VOL_JOG_2A	I	VOLUME JOG 2A
18	SP_A_RY	O	SPEAKER A RELAY CONTROL
19	SP_B_RY	O	SPEAKER B RELAY CONTROL
20	CENTER_RY	O	CENTER RELAY CONTROL
21	REAR_RY	O	REAR CH RELAY CONTROL
22	WOOFER_RY	O	WOOFER RELAY CONTROL
23	PROTECTOR	I	PROTECTOR CIRCUIT
24	HP_CTRL	I	HP DETECTION SW
25	PW_RY	O	POWER RELAY CONTROL
26	VSS	—	Ground
27	VCC	—	Power supply pin (+3.3 V)
28	TUNER_STEREO	I	TUNER STEREO IN
29	TUNER_AUTO_STOP	I	TUNER AUTO STOP IN
30	TUNER_MUTE	O	TUNER MUTE
31	TUNER_DO	I	TUNER DO
32	T.SERIAL_CLK	O	TUNER SERIAL CLOCK
33	T.DATA	O	TUNER DATA
34	T.LAT	O	TUNER LATCH
35	NO USE	—	Not used (Fixed at L)
36 to 39	V.SW1 to V.SW4	O	VIDEO SWITCH 1 to 4
40	COMP_SEL2	O	COMPONENT VIDEO SELECT 2
41	2ND_RY	O	2ND ROOM RELAY CONTROL
42	HP_RY	O	HP RELAY CONTROL
43	UPCON_DATA	O	UP CONVERT DATA
44	VSS	—	Ground
45	BRIDGEABLE RY	O	BRIDGEABLE RELAY CONTROL
46	FUSE DETECT	I	Not used (Fixed at H)
47	TC74HCT153_B	O	OPTICAL INPUT SW B
48	TC74HCT153_A	O	OPTICAL INPUT SW A
49	[GP12]	I	DSP1 IC GP12
50, 51	PAGE0,PAGE1	—	Not used (Open)
52	MD2	—	FLASH PROGRAMMING
53	MD1	—	FLASH PROGRAMMING (Fixed at H)
54	MD0	—	FLASH PROGRAMMING
55	RSTX	I	RESET IC
56	VCC	—	Power supply pin (+3.3 V)
57	X1	I	System clock signal input (16.5 MHz)

Pin No.	Pin Name	I/O	Pin Description
58	X0	O	System clock signal output (16.5 MHz)
59	VSS	—	Ground
60	VOLT_DETECT_STOP	I	VOLTAGE DOWN DETECT
61	DIR_DO	O	DIR data output
62	PW_ON/OFF	I	POWER ON/OFF SW
63	SIRCS	I	REMOTE SENSOR
64	V_MUTE	O	VIDEO MUTE CONTROL
65	GROUPING_SW	O	Not used (Fixed at L)
66	COMP_SEL1	O	COMPONENT VIDEO SELECT 1
67	DIR CE	O	DIR CE
68	VCC	—	Power supply pin (+3.3 V)
69	DI	O	Not used (Open)
70	D.DO	O	DIR DATA OUT
71	ERROR	I	DIR ERROR
72	XRST1	O	AUDIO DSP IC RESET
73	PM1	O	AUDIO DSP IC PM1
74	9718.GB9	I	AUDIO DSP IC GP9
75	9718.BST1	O	AUDIO DSP IC BST1
76	9718.HCS1	O	AUDIO DSP IC HCS1
77	VCC	—	Power supply pin (+3.3 V)
78	9718.HACN1	I	AUDIO DSP IC HACN1
79	9718.PLL1	I	AUDIO DSP IC PLL1
80	DIR_DATAO	O	DIR DATA 0
81	DIR_XSTATE	O	DIR XSTATE
82	DIR_XMODE	O	DIR XMODE
83	DIR_CKSEL1	O	DIR CKSEL1
84	DIR_CLK	O	DIR CLOCK
85	PCM1800 RST	O	PCM1800 RST
86	UP_MUTE	O	UP MUTE
87	M_MUTE	O	M MUTE
88	PCM1609 ML	O	PCM1609 ML
89	PCM1609 MC	O	PCM1609 MC
90	PCM1609 MDI	O	PCM1609 MDI
91	PCM1609 MDO	O	PCM1609 MDO
92	DIR_DIN	I	DIR data input
93	PCM1609 RST	O	PCM1609 RST
94	FLASH_A	—	FLASH PROGRAMMING (Fixed at L)
95	FLASH_B	—	FLASH PROGRAMMING (Fixed at L)
96	FLASH_C	—	FLASH PROGRAMMING (Fixed at H)
97	VCC	—	Power supply pin (+3.3 V)
98	VSS	—	Ground
99	EEPROM.SDA	I/O	EEPROM
100	EEPROM.SCL	I/O	EEPROM
101	VSS	—	Ground
102	9718.HCLK	O	AUDIO DSP IC CLOCK
103	HDIN	O	AUDIO DSP DATA IN
104	HDOUT	I	AUDIO DSP HD OUT
105	OSD_CLK	O	OSD CLOCK
106	OSD_DATA	O	OSD DATA
107	OSD_LAT	O	OSD LATCH
108	OSD_ON/OFF	O	OSD ON/OFF
109	SOT1	O	FLASH PROGRAMMING
110	SIN1	I	FLASH PROGRAMMING

Pin No.	Pin Name	I/O	Pin Description
111	UPCON_CLK	O	UP CONVERT CLOCK
112	FL_DIN/F1	O	FL DATA
113	FL_LAT/F2	O	FL LATCH
114	FL_CLK	O	FL CLOCK
115	DRV.CLR/BLUE LED	O	FL CLEAR
116	VOL_IC.DATA	O	VOL IC DATA
117	VOL_IC.CLK	O	VOL IC CLOCK
118	NO USE	O	Not used (Fixed at L)
119	A_D	O	AUDIO DSP2 IC
120	SYSTEM_MUTE	O	SYSTEM MUTE
121	BST_SEL	O	BST SELECT
122	VCC	—	Power supply pin (+3.3 V)
123 to 125	DA2 to DA0	—	Not used (Open)
126	DAVS	—	Ground
127	DAVC	—	Power supply pin (+3.3 V)
128	AVCC	—	Power supply pin (+3.3 V)
129	AVRH	—	Power supply pin (+3.3 V)
130	AVRL	—	Ground
131	AVSS	—	Ground
132 to 134	AD0 to AD2	I	A/D KEYS
135	MODEL	I	Destination (MODEL) initial setting input
136	AREA	I	Destination (AREA) initial setting input
137 to 139	NO USED	—	Not used (Fixed at L)
140	VCC2	—	Power supply pin (+3.3 V)
141	BACKUP	—	Power supply pin (+3.3 V)
142	X0A	O	Not used (Connected to ground)
143	X1A	I	Not used (Open)
144	VSS	—	Ground

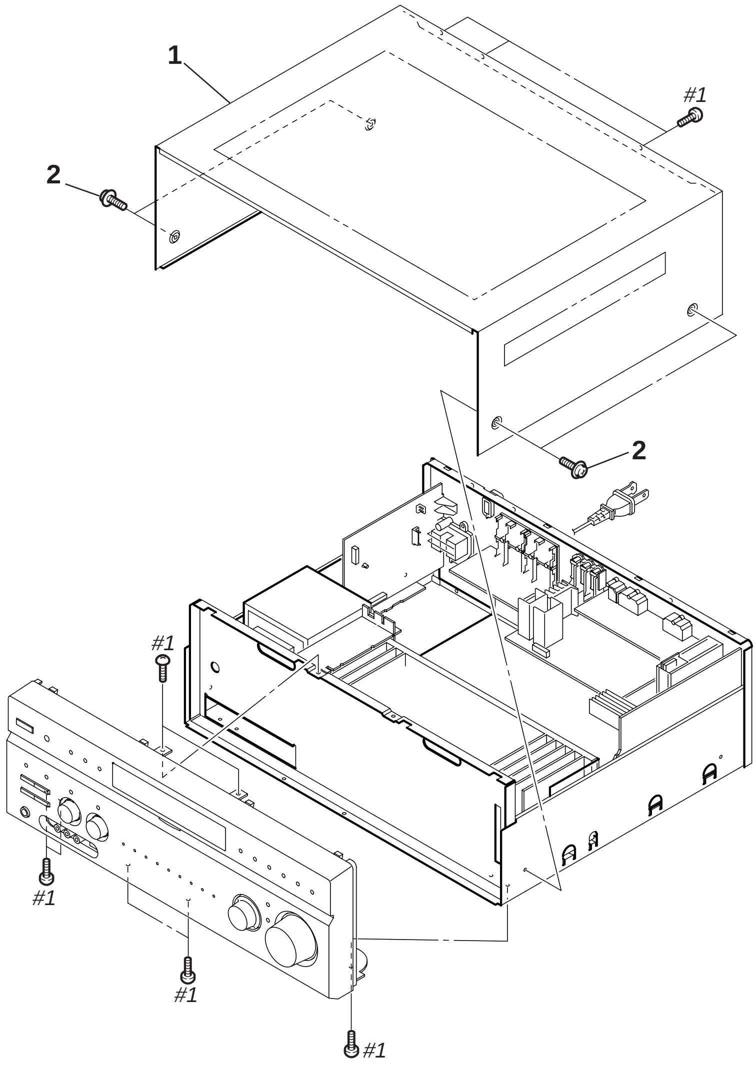
SECTION 5
EXPLODED VIEWS

NOTE:
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
  CND : Canadian model
  E2 : AC 120V area in E model
  AR : Argentina model
  AUS : Australian model
  SP : Singapore model
  MY : Malaysia model
  KR : Korean model
  TW : Taiwan model
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) ... (RED)
  ↑ Parts Color ↑ Cabinet's Color
- Accessories are given in the last of this parts list.

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

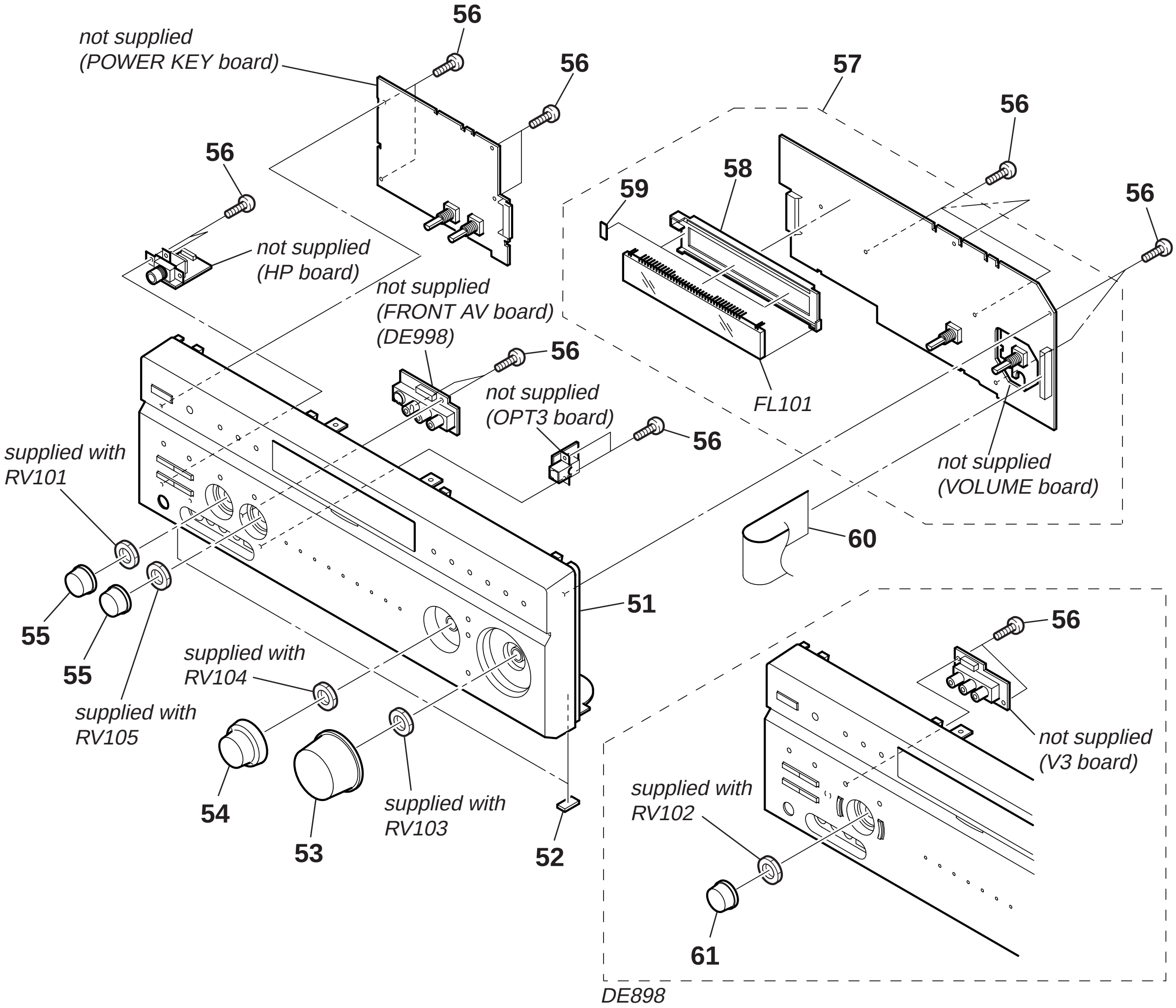
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

5-1. CASE SECTION



Ref. No.	Part No.	Description	Remark
1	4-232-576-11	CASE (DE9) (BLACK)...(BLACK) (DE898:US,CND,AUS)	
1	4-232-576-51	CASE (DE9) (BLACK)...(BLACK) (DE998)	
1	4-232-576-81	CASE (DE9) (SILVER)...(SILVER) (EXCEPT US,CND)	
2	3-363-099-02	SCREW (CASE 3 TP2) (BLACK)...(BLACK) (US,CND,AUS)	
2	3-363-099-11	SCREW (CASE 3 TP2) (SILVER)...(SILVER) (EXCEPT US,CND)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

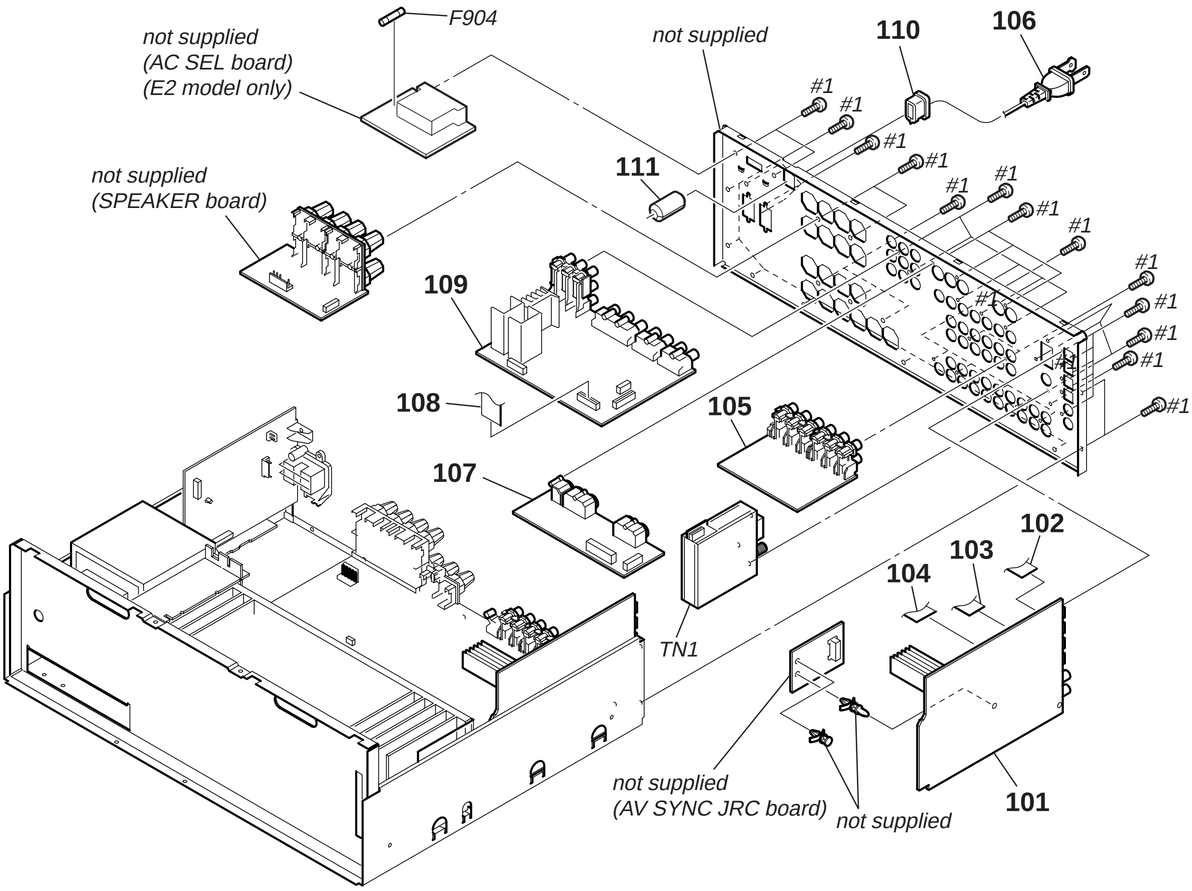
5-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark
51	X-2025-371-1	FRONT PANEL ASSY (BLACK)...(BLACK) (DE898:US)	
51	X-2025-373-1	FRONT PANEL ASSY (BLACK)...(BLACK) (DE898:CND,AUS)	
51	X-2025-375-1	FRONT PANEL ASSY (SILVER)...(SILVER) (EXCEPT US,CND)	
51	X-2025-376-1	FRONT PANEL ASSY (BLACK)...(BLACK) (DE998:US)	
51	X-2025-377-1	FRONT PANEL ASSY (BLACK)...(BLACK) (DE998:CND)	
52	4-977-358-01	CUSHION	
53	4-232-113-01	KNOB (VOL) (BLACK)...(BLACK) (US,CND,AUS)	
53	4-232-113-31	KNOB (VOL) (SILVER)...(SILVER) (EXCEPT US,CND)	
54	4-252-931-01	KNOB (FUNC) (BLACK)...(BLACK) (US,CND,AUS)	

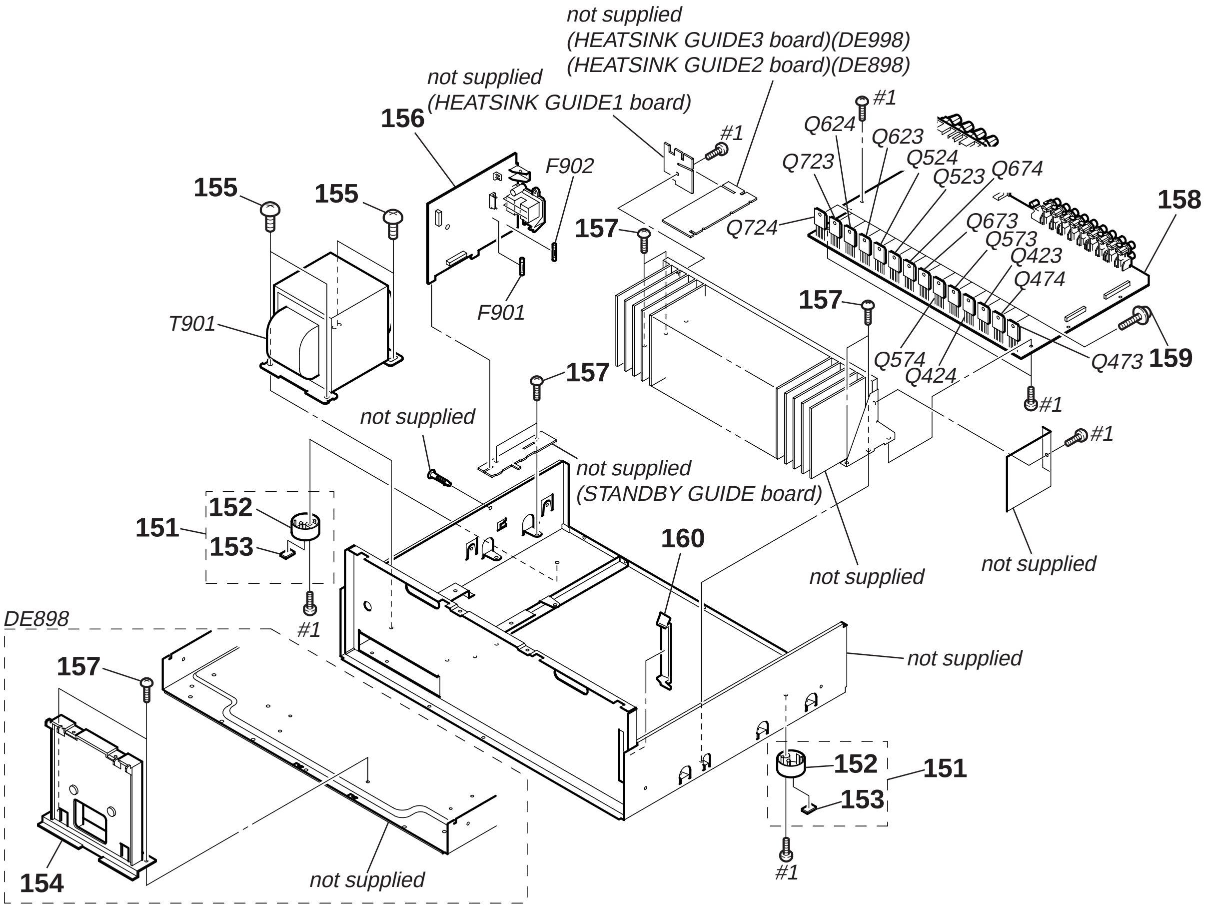
Ref. No.	Part No.	Description	Remark
54	4-252-931-31	KNOB (FUNC) (SILVER)...(SILVER) (EXCEPT US,CND)	
55	4-252-389-01	KNOB (MENU) (BLACK)...(BLACK) (DE998)	
56	3-087-053-01	+BVTP 2.6 (3CR)	
57	A-1093-291-A	DISPLAY BOARD, COMPLETE (DE898)	
57	A-1095-076-A	DISPLAY BOARD, COMPLETE (DE998)	
58	4-244-786-01	HOLDER, FL (DE9)	
* 59	4-955-901-01	CUSHION (FL)	
60	1-829-052-11	WIRE (FLAT TYPE) (29 CORE)	
61	4-252-389-01	KNOB (MENU) (BLACK)...(BLACK) (DE898:US,CND,AUS)	
61	4-252-389-31	KNOB (MENU) (SILVER)...(SILVER) (EXCEPT US,CND)	
FL101	1-518-969-11	VACUUM FLUORESCENT DISPLAY	

5-3. BACK PANEL SECTION



Ref. No.	Part No.	Description	Remark
101	A-1093-279-A	DIGITAL BOARD, COMPLETE (DE898:US,CND)	
101	A-1094-741-A	DIGITAL BOARD, COMPLETE (SP,MY)	
101	A-1094-780-A	DIGITAL BOARD, COMPLETE (AUS)	
101	A-1094-825-A	DIGITAL BOARD, COMPLETE (E2)	
101	A-1094-834-A	DIGITAL BOARD, COMPLETE (AR)	
101	A-1094-918-A	DIGITAL BOARD, COMPLETE (KR,TW)	
101	A-1095-341-A	DIGITAL BOARD, COMPLETE (DE998)	
102	1-828-933-11	WIRE (FLAT TYPE) (5 CORE)	
103	1-828-962-11	WIRE (FLAT TYPE) (11 CORE)	
104	1-828-964-11	WIRE (FLAT TYPE) (11 CORE)	
105	A-1093-289-A	VIDEO (AU) BOARD, COMPLETE (DE898:US,CND,E2)	
105	A-1095-075-A	VIDEO (AU) BOARD, COMPLETE (DE998)	
105	A-1111-919-A	VIDEO (AU) BOARD, COMPLETE (EXCEPT US,CND,E2)	
⚠106	1-769-079-23	CORD, POWER (KR)	
⚠106	1-769-744-11	CORD, POWER (E2)	
⚠106	1-777-071-23	CORD, POWER (SP,MY)	
⚠106	1-783-820-11	CORD, POWER (US,CND)	
⚠106	1-783-941-12	CORD, POWER (AR)	
⚠106	1-827-295-22	CORD, POWER (AUS)	
⚠106	1-827-597-41	CORD, POWER (TW)	
107	A-1093-288-A	S-VIDEO BOARD, COMPLETE (DE898)	
107	A-1095-074-A	S-VIDEO BOARD, COMPLETE (DE998)	
108	1-828-971-11	WIRE (FLAT TYPE) (13 CORE)	
109	A-1093-283-A	VIDEO BOARD, COMPLETE (EXCEPT US,CND,KR,TW)	
109	A-1118-994-A	VIDEO BOARD, COMPLETE (DE898:US,CND,KR,TW)	
109	A-1121-520-A	VIDEO BOARD, COMPLETE (DE998)	
* 110	3-703-244-00	BUSHING (2104), CORD	
111	1-469-089-11	FILTER, CLAMP (FERRITE CORE) (US,CND,E2,KR,TW)	
⚠F904	1-533-472-12	FUSE, GLASS TUBE (DIA. 5) (T5AL/250V) (E2)	
TN1	1-693-675-11	TUNER PACK (ANTENNA) (US,CND,E2,AR)	
TN1	1-693-678-11	TUNER PACK (ANTENNA) (AUS,SP,MY,KR,TW)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

5-4. CHASSIS SECTION



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) (DE898)	
155	4-249-675-01	+BV SUMITITE S 4X6 ROUND (DE898)	
155	7-685-881-09	SCREW +BVTT 4X8 (S) (DE998)	
156	A-1093-293-A	STBY BOARD, COMPLETE (US,CND)	
156	A-1094-744-A	STBY BOARD, COMPLETE (SP,MY)	
156	A-1094-783-A	STBY BOARD, COMPLETE (AUS)	
156	A-1094-828-A	STBY BOARD, COMPLETE (E2)	
156	A-1094-837-A	STBY BOARD, COMPLETE (AR)	
156	A-1094-921-A	STBY BOARD, COMPLETE (TW)	
156	A-1112-434-A	STBY BOARD, COMPLETE (KR)	
157	3-077-331-21	+BV3 (3-CR)	
158	A-1093-274-A	MAIN BOARD, COMPLETE (DE898:US,CND,E2)	
158	A-1094-739-A	MAIN BOARD, COMPLETE (EXCEPT US,CND,E2)	
158	A-1111-839-A	MAIN BOARD, COMPLETE (DE998)	
159	3-905-609-01	SCREW (TRANSISTOR)	
160	3-064-084-01	CLAMP (FCR-60), FLAT (DE998)	
⚠F901	1-532-465-33	FUSE (T3.15AL/250V) (AUS,AR,SP,MY,KR)	
⚠F901	1-532-505-33	FUSE (5A/125V) (TW)	
⚠F901	1-533-311-12	FUSE, GLASS CYLINDRICAL (DIA. 5) (8A/125V) (DE898:US,CND)	
⚠F901	1-533-312-12	FUSE, GLASS CYLINDRICAL (DIA. 5) (10A/125V) (DE998)	
⚠F902	1-532-464-33	FUSE (T2.5AL/250V) (E2,AUS,SP,MY)	
⚠F902	1-533-453-12	FUSE, GLASS TUBE (DIA. 5) (5A/125V) (US,CND)	
Q423	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q423	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q424	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q424	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	
Q473	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q473	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q474	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q474	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	
Q523	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q523	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q524	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q524	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	
Q573	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q573	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q574	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q574	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	
Q623	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q623	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q624	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q624	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	
Q673	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q673	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q674	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q674	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	
Q723	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q723	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q724	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q724	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	
⚠T901	1-443-592-11	TRANSFORMER, POWER (DE998)	
⚠T901	1-443-594-12	TRANSFORMER, POWER (E2)	
⚠T901	1-443-595-12	TRANSFORMER, POWER (DE898:US,CND)	
⚠T901	1-443-596-11	TRANSFORMER, POWER (AUS,AR,KR)	
⚠T901	1-443-597-11	TRANSFORMER, POWER (TW)	
⚠T901	1-443-735-11	TRANSFORMER, POWER (SP,MY)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

AC SEL

AV SYNC JRC DIGITAL

SECTION 6
ELECTRICAL PARTS LIST

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

- SEMICONDUCTORS
  In each case, u : μ, for example:
  uA.. : μA.. uPA.. : μPA..
  uPB.. : μPB.. uPC.. : μPC.. uPD.. : μPD..
- CAPACITORS
  uF : μF
- COILS
  uH : μH
- Abbreviation
  CND : Canadian model
  E2 : AC 120V area in E model
  AR : Argentina model
  AUS : Australian model
  SP : Singapore model
  MY : Malaysia model
  KR : Korean model
  TW : Taiwan model

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 piéce portant le numéro spécifié.

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

Ref. No.	Part No.	Description			Remark
		AC SEL BOARD (E2)			
		*************			
	1-533-293-11	HOLDER, FUSE			
		< CONNECTOR >			
CNP907	1-568-106-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
* CNP910	1-564-687-11	PIN, CONNECTOR (3.96mm PITCH) 3P			
		< SWITCH >			
⚠S901	1-571-437-21	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR)			

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Ref. No.	Part No.	Description			Remark
		AV SYNC JRC BOARD			
		******************			
		< CAPACITOR >			
C7001	1-124-779-00	ELECT CHIP	10uF	20%	16V
C7002	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C7003	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C7004	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C7005	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
		< CONNECTOR >			
CN7001	1-819-185-11	B TO B CONNECTOR (REC) 30P			
		< FERRITE BEAD >			
FB7001	1-469-710-21	FERRITE, EMI (SMD) (2012)			
		< IC >			
IC7001	6-707-666-01	IC NJU26902VM1-TE2			
IC7002	8-759-546-74	IC TC7WH157FU(TE12R)			
		< RESISTOR >			
R7002	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7003	1-216-813-11	METAL CHIP	220	5%	1/10W

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Ref. No.	Part No.	Description			Remark
	A-1093-279-A	DIGITAL BOARD, COMPLETE (DE898:US,CND)			
	A-1094-741-A	DIGITAL BOARD, COMPLETE (SP,MY)			
	A-1094-780-A	DIGITAL BOARD, COMPLETE (AUS)			
	A-1094-825-A	DIGITAL BOARD, COMPLETE (E2)			
	A-1094-834-A	DIGITAL BOARD, COMPLETE (AR)			
	A-1094-918-A	DIGITAL BOARD, COMPLETE (KR,TW)			
	A-1095-341-A	DIGITAL BOARD, COMPLETE (DE998)			
		***********************			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C1001	1-126-925-11	ELECT	470uF	20%	10V
C1002	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1004	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1005	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1006	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1011	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1012	1-126-925-11	ELECT	470uF	20%	10V
C1021	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1022	1-126-925-11	ELECT	470uF	20%	10V
C1031	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1032	1-126-925-11	ELECT	470uF	20%	10V
C1097	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1099	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1100	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1101	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1102	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1103	1-126-947-11	ELECT	47uF	20%	35V
C1104	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1105	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1106	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1107	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1108	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1109	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1110	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1119	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1120	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1121	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1122	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1123	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1124	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1126	1-164-816-11	CERAMIC CHIP	220PF	2%	50V
C1127	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1129	1-162-974-11	CERAMIC CHIP	0.01uF		50V

Ref. No.	Part No.	Description			Remark
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
C1133	1-162-974-11	CERAMIC CHIP	0.01uF		50V (DE998)
C1133	1-216-833-11	METAL CHIP	10K	5%	1/10W (DE898)
C1134	1-162-974-11	CERAMIC CHIP	0.01uF		50V (DE998)
C1134	1-216-833-11	METAL CHIP	10K	5%	1/10W (DE898)
C1135	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1136	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1137	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1139	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1140	1-164-156-11	CERAMIC CHIP	0.1uF		25V (EXCEPT DE898:US,CND,KR,TW)
C1141	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1142	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1217	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1227	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1237	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1247	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1251	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1252	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1253	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1254	1-164-816-11	CERAMIC CHIP	220PF	2%	50V
C1255	1-164-816-11	CERAMIC CHIP	220PF	2%	50V
C1256	1-164-816-11	CERAMIC CHIP	220PF	2%	50V
C1257	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1267	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1277	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1287	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1301	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1302	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1303	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1304	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1305	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1306	1-126-947-11	ELECT	47uF	20%	35V
C1308	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1309	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1310	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1312	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1313	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1314	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1315	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1316	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1317	1-126-925-11	ELECT	470uF	20%	10V
C1351	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1352	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1353	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1354	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1355	1-126-965-11	ELECT	22uF	20%	50V
C1356	1-162-971-11	CERAMIC CHIP	0.001uF	10%	50V
C1357	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V
C1358	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1359	1-126-916-11	ELECT	1000uF	20%	6.3V
C1360	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C1361	1-164-156-11	CERAMIC CHIP	0.1uF		25V

Ref. No.	Part No.	Description			Remark
C1362	1-164-373-11	CERAMIC CHIP	0.033uF		25V
C1370	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1375	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1377	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V
C1380	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C1381	1-126-965-11	ELECT	22uF	20%	50V
C1401	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1402	1-126-947-11	ELECT	47uF	20%	35V
C1403	1-126-964-11	ELECT	10uF	20%	50V
C1404	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1405	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1406	1-126-963-11	ELECT	4.7uF	20%	50V
C1407	1-126-963-11	ELECT	4.7uF	20%	50V
C1408	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1409	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1411	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1413	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1418	1-126-964-11	ELECT	10uF	20%	50V
C1421	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1423	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1428	1-126-964-11	ELECT	10uF	20%	50V
C1431	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1433	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1438	1-126-964-11	ELECT	10uF	20%	50V
C1441	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1443	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1448	1-126-964-11	ELECT	10uF	20%	50V
C1450	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1451	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1453	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1454	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1457	1-126-964-11	ELECT	10uF	20%	50V
C1458	1-126-964-11	ELECT	10uF	20%	50V
C1459	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1460	1-126-964-11	ELECT	10uF	20%	50V
C1461	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1463	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1468	1-126-964-11	ELECT	10uF	20%	50V
C1471	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1473	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1478	1-126-964-11	ELECT	10uF	20%	50V
C1481	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1483	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1488	1-126-964-11	ELECT	10uF	20%	50V
C1491	1-126-964-11	ELECT	10uF	20%	50V
C1494	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1501	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1502	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1503	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1504	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1505	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1507	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1508	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1509	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1510	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1511	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1513	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1514	1-164-156-11	CERAMIC CHIP	0.1uF		25V

DIGITAL

Ref. No.	Part No.	Description			Remark
C1515	1-126-925-11	ELECT	470uF	20%	10V
C1516	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1517	1-126-925-11	ELECT	470uF	20%	10V
C1518	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1519	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1520	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1521	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1522	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1905	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1906	1-126-925-11	ELECT	470uF	20%	10V
C1908	1-126-925-11	ELECT	470uF	20%	10V
C1913	1-136-165-00	FILM	0.1uF	5%	50V
C1914	1-126-947-11	ELECT	47uF	20%	35V
C2102	1-164-156-11	CERAMIC CHIP	0.1uF		25V
		< CONNECTOR >			
CNP504	1-568-830-11	CONNECTOR, FFC 11P			
CNP506	1-784-925-11	PIN, CONNECTOR 10P			
CNP507	1-784-922-11	PIN, CONNECTOR 5P			
CNP510	1-784-923-11	PIN, CONNECTOR 7P			
CNP800	1-564-320-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
CNS501	1-766-720-41	CONNECTOR, BOARD TO BOARD 17P			
CNS502	1-766-719-41	CONNECTOR, BOARD TO BOARD 10P			
CNS503	1-568-826-11	CONNECTOR, FFC 7P			
CNS505	1-568-844-11	CONNECTOR, FFC 29P			
CNS508	1-568-830-11	CONNECTOR, FFC 11P			
CNS509	1-784-766-11	CONNECTOR, FFC 5P			
CNS551	1-819-186-11	B TO B CONNECTOR (PLUG) 30P			
		< DIODE >			
D1001	8-719-053-18	DIODE 1SR154-400TE-25			
D1003	8-719-049-09	DIODE 1SS367-T3SONY			
D1004	8-719-049-09	DIODE 1SS367-T3SONY			
D1101	8-719-988-61	DIODE 1SS355TE-17 (DE998)			
D1102	8-719-988-61	DIODE 1SS355TE-17 (DE998)			
D1103	8-719-988-61	DIODE 1SS355TE-17			
D1105	8-719-988-61	DIODE 1SS355TE-17			
D1106	8-719-988-61	DIODE 1SS355TE-17			
D1107	8-719-988-61	DIODE 1SS355TE-17			
D1108	8-719-988-61	DIODE 1SS355TE-17			
D1110	8-719-988-61	DIODE 1SS355TE-17			
D1111	8-719-988-61	DIODE 1SS355TE-17			
D1301	8-719-988-61	DIODE 1SS355TE-17			
D2702	8-719-801-78	DIODE 1SS184			
		< FERRITE BEAD >			
FB1075	1-400-862-11	BEAD, FERRITE			
FB1076	1-400-862-11	BEAD, FERRITE			
FB1077	1-400-862-11	BEAD, FERRITE			
FB1078	1-400-862-11	BEAD, FERRITE			
FB1101	1-400-862-11	BEAD, FERRITE			
FB1102	1-400-862-11	BEAD, FERRITE			(EXCEPT DE898:US,CND,KR,TW)
FB1302	1-400-862-11	BEAD, FERRITE			
FB1303	1-400-862-11	BEAD, FERRITE			
FB1304	1-400-862-11	BEAD, FERRITE			
FB1305	1-400-862-11	BEAD, FERRITE			
FB1306	1-400-862-11	BEAD, FERRITE			

Ref. No.	Part No.	Description	Remark
FB1307	1-216-864-11	SHORT CHIP 0	
FB1308	1-216-864-11	SHORT CHIP 0	
FB1309	1-400-862-11	BEAD, FERRITE	
FB1405	1-400-862-11	BEAD, FERRITE	
FB1452	1-400-862-11	BEAD, FERRITE	
FB1453	1-400-862-11	BEAD, FERRITE	
FB1501	1-400-862-11	BEAD, FERRITE	
FB1502	1-400-862-11	BEAD, FERRITE	
FB1503	1-400-862-11	BEAD, FERRITE	
FB1504	1-400-862-11	BEAD, FERRITE	
FB1505	1-400-862-11	BEAD, FERRITE	
FB2035	1-400-862-11	BEAD, FERRITE	
		< IC >	
IC1001	8-759-231-53	IC TA7805S	
IC1011	6-705-464-01	IC BA50BC0T	
IC1021	6-705-463-01	IC BA33BC0T	
IC1031	6-705-464-01	IC BA50BC0T	
IC1101	6-805-675-01	IC MB91154PFV-G-126E1	
IC1111	6-704-566-01	IC R3112N291A-TR-FA	
IC1131	6-704-004-01	IC BR24L16F-WE2	
IC1141	8-759-491-47	IC TC74VHCT08AFT(EL)	(EXCEPT DE898:US,CND,KR,TW)
IC1301	8-759-825-15	IC LC89056W-E	
IC1302	8-759-595-15	IC TC74ACT153F(EL)	
IC1303	8-759-242-70	IC TC7WU04F	
IC1351	6-600-466-01	IC TORX147L (DIGITAL TV/SAT IN (OPTICAL))	
IC1352	6-600-466-01	IC TORX147L (DIGITAL MD/TAPE IN (OPTICAL))	
IC1353	6-600-012-11	IC TOTX141L(RED) (DIGITAL MD/TAPE OUT (OPTICAL))	
IC1354	6-600-466-01	IC TORX147L (DIGITAL SA-CD/CD IN (OPTICAL))	
IC1373	8-759-242-70	IC TC7WU04F	
IC1401	8-759-560-56	IC PCM1800E/2K	
IC1403	8-759-710-97	IC NJM4565M-D	
IC1404	8-759-710-97	IC NJM4565M-D	
IC1405	8-759-710-97	IC NJM4565M-D	
IC1406	8-759-710-97	IC NJM4565M-D	
IC1452	6-703-787-01	IC PCM1609KPTR	
IC1501	6-705-900-01	IC CXD9718BQ	
IC1502	6-704-037-01	IC IC61LV6416-15TG	
IC1503	8-759-546-74	IC TC7WH157FU(TE12R)	
IC1901	6-701-887-02	IC SI-3004KWF	
IC1902	8-759-701-59	IC NJM78M09FA	
IC2102	8-759-238-47	IC TC74HCT7007AF(EL)	
		< JACK >	
J1301	1-818-314-11	JACK, PIN 2P (DIGITAL DVD IN (COAXIAL), SA-CD/CD IN (COAXIAL))	
		< JUMPER RESISTOR >	
JR1101	1-216-864-11	SHORT CHIP 0 (DE898)	
JR1102	1-216-864-11	SHORT CHIP 0	
JR1213	1-211-950-11	SHORT CHIP 0	
JR1216	1-211-950-11	SHORT CHIP 0	
JR1300	1-216-296-11	SHORT CHIP 0	
JR1301	1-216-864-11	SHORT CHIP 0	

Ref. No.	Part No.	Description			Remark
JR1951	1-216-864-11	SHORT CHIP	0		
JR1952	1-216-864-11	SHORT CHIP	0		
JR1953	1-216-864-11	SHORT CHIP	0		
		< TRANSISTOR >			
Q1103	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q1104	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q1105	8-729-230-49	TRANSISTOR	2SC2712-YG		
		< RESISTOR >			
R1021	1-216-809-11	METAL CHIP	100	5%	1/10W
R1022	1-216-809-11	METAL CHIP	100	5%	1/10W
R1023	1-216-809-11	METAL CHIP	100	5%	1/10W
R1024	1-216-823-11	METAL CHIP	1.5K	5%	1/10W (DE998)
R1035	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1037	1-216-809-11	METAL CHIP	100	5%	1/10W
R1041	1-216-809-11	METAL CHIP	100	5%	1/10W
R1042	1-216-809-11	METAL CHIP	100	5%	1/10W
R1044	1-216-809-11	METAL CHIP	100	5%	1/10W
R1049	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1054	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1057	1-216-809-11	METAL CHIP	100	5%	1/10W
R1058	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1060	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1061	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1063	1-216-809-11	METAL CHIP	100	5%	1/10W
R1064	1-216-809-11	METAL CHIP	100	5%	1/10W
R1065	1-216-809-11	METAL CHIP	100	5%	1/10W
R1066	1-216-809-11	METAL CHIP	100	5%	1/10W
R1067	1-216-809-11	METAL CHIP	100	5%	1/10W
R1068	1-216-809-11	METAL CHIP	100	5%	1/10W
R1071	1-216-833-11	METAL CHIP	10K	5%	1/10W (DE898:US,CND,KR,TW)
R1072	1-216-833-11	METAL CHIP	10K	5%	1/10W (DE898:US,CND,KR,TW)
R1073	1-216-833-11	METAL CHIP	10K	5%	1/10W (DE898:US,CND,KR,TW)
R1083	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1084	1-216-809-11	METAL CHIP	100	5%	1/10W
R1085	1-216-809-11	METAL CHIP	100	5%	1/10W
R1086	1-216-809-11	METAL CHIP	100	5%	1/10W
R1087	1-216-809-11	METAL CHIP	100	5%	1/10W (DE898)
R1087	1-216-864-11	SHORT CHIP	0 (DE998)		
R1088	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1089	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1090	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1091	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (DE998)
R1091	1-216-864-11	SHORT CHIP	0 (DE898)		
R1092	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1093	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1094	1-216-841-11	METAL CHIP	47K	5%	1/10W (DE998)
R1095	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1096	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1097	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1098	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1099	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1101	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1102	1-216-809-11	METAL CHIP	100	5%	1/10W
R1103	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
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	1-216-809-11	METAL CHIP	100	5%	1/10W
R1115	1-216-809-11	METAL CHIP	100	5%	1/10W
R1116	1-216-821-11	METAL CHIP	1K	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	1-216-809-11	METAL CHIP	100	5%	1/10W
R1121	1-216-809-11	METAL CHIP	100	5%	1/10W
R1123	1-216-809-11	METAL CHIP	100	5%	1/10W
R1124	1-216-809-11	METAL CHIP	100	5%	1/10W
R1125	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1126	1-216-833-11	METAL CHIP	10K	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
R1133	1-216-809-11	METAL CHIP	100	5%	1/10W
R1134	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
R1138	1-216-809-11	METAL CHIP	100	5%	1/10W (DE998)
R1139	1-216-809-11	METAL CHIP	100	5%	1/10W
R1140	1-216-809-11	METAL CHIP	100	5%	1/10W
R1141	1-216-833-11	METAL CHIP	10K	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	1-216-809-11	METAL CHIP	100	5%	1/10W
R1146	1-216-809-11	METAL CHIP	100	5%	1/10W (DE898)
R1146	1-216-864-11	SHORT CHIP	0 (DE998)		
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	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1156	1-216-809-11	METAL CHIP	100	5%	1/10W
R1157	1-216-833-11	METAL CHIP	10K	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

Ref. No.	Part No.	Description			Remark
R1161	1-216-809-11	METAL CHIP	100	5%	1/10W
R1162	1-216-809-11	METAL CHIP	100	5%	1/10W
R1163	1-216-809-11	METAL CHIP	100	5%	1/10W
			(EXCEPT DE898:US,CND,KR,TW)		
R1164	1-216-809-11	METAL CHIP	100	5%	1/10W
			(EXCEPT DE898:US,CND,KR,TW)		
R1165	1-216-809-11	METAL CHIP	100	5%	1/10W
			(EXCEPT DE898:US,CND,KR,TW)		
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	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1170	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1172	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1173	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1174	1-216-833-11	METAL CHIP	10K	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
R1183	1-216-833-11	METAL CHIP	10K	5%	1/10W (DE998)
R1184	1-216-833-11	METAL CHIP	10K	5%	1/10W (DE998)
R1185	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1186	1-216-833-11	METAL CHIP	10K	5%	1/10W
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	1-216-833-11	METAL CHIP	10K	5%	1/10W (DE998)
R1194	1-216-833-11	METAL CHIP	10K	5%	1/10W (DE998)
R1195	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1196	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1198	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (KR,TW)
R1198	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (AUS)
R1198	1-216-837-11	METAL CHIP	22K	5%	1/10W (AR)
R1198	1-216-841-11	METAL CHIP	47K	5%	1/10W (E2,SP,MY)
R1199	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (SP,MY)
R1199	1-216-837-11	METAL CHIP	22K	5%	1/10W (E2)
R1199	1-216-841-11	METAL CHIP	47K	5%	1/10W (AUS,AR,KR,TW)
R1199	1-216-864-11	SHORT CHIP	0 (US,CND)		
R1200	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

Ref. No.	Part No.	Description			Remark
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	1-216-819-11	METAL CHIP	680	5%	1/10W
R1306	1-216-801-11	METAL CHIP	22	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
R1320	1-216-797-11	METAL CHIP	10	5%	1/10W
R1321	1-216-809-11	METAL CHIP	100	5%	1/10W
R1322	1-216-809-11	METAL CHIP	100	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
R1366	1-218-285-11	METAL CHIP	75	5%	1/10W
R1376	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1377	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1378	1-216-854-11	METAL CHIP	560K	5%	1/10W
R1379	1-216-809-11	METAL CHIP	100	5%	1/10W
R1403	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1404	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1405	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1407	1-216-809-11	METAL CHIP	100	5%	1/10W
R1410	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1414	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1416	1-216-809-11	METAL CHIP	100	5%	1/10W
R1420	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1424	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1426	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1430	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1434	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1436	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1440	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1444	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1446	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1450	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1454	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1456	1-216-809-11	METAL CHIP	100	5%	1/10W
R1460	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1464	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1466	1-216-821-11	METAL CHIP	1K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R1470	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1471	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1474	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1476	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1480	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1484	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1486	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1501	1-216-809-11	METAL CHIP	100	5%	1/10W
R1502	1-216-809-11	METAL CHIP	100	5%	1/10W
R1503	1-216-813-11	METAL CHIP	220	5%	1/10W
R1504	1-216-809-11	METAL CHIP	100	5%	1/10W
R1505	1-216-809-11	METAL CHIP	100	5%	1/10W
R1506	1-216-809-11	METAL CHIP	100	5%	1/10W
R1507	1-216-809-11	METAL CHIP	100	5%	1/10W
R1508	1-216-809-11	METAL CHIP	100	5%	1/10W
R1509	1-216-809-11	METAL CHIP	100	5%	1/10W
R1510	1-216-809-11	METAL CHIP	100	5%	1/10W
R1511	1-216-809-11	METAL CHIP	100	5%	1/10W
R1512	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1513	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1514	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1516	1-216-809-11	METAL CHIP	100	5%	1/10W
R1517	1-216-813-11	METAL CHIP	220	5%	1/10W
R1518	1-216-813-11	METAL CHIP	220	5%	1/10W
R1519	1-216-813-11	METAL CHIP	220	5%	1/10W
R1520	1-216-813-11	METAL CHIP	220	5%	1/10W
R1521	1-216-813-11	METAL CHIP	220	5%	1/10W
R1522	1-216-813-11	METAL CHIP	220	5%	1/10W
R1523	1-216-813-11	METAL CHIP	220	5%	1/10W
R1525	1-216-813-11	METAL CHIP	220	5%	1/10W
R1526	1-216-813-11	METAL CHIP	220	5%	1/10W
R1527	1-216-813-11	METAL CHIP	220	5%	1/10W
R1528	1-216-813-11	METAL CHIP	220	5%	1/10W
R1532	1-216-813-11	METAL CHIP	220	5%	1/10W
R1533	1-216-813-11	METAL CHIP	220	5%	1/10W
R1534	1-216-813-11	METAL CHIP	220	5%	1/10W
R1535	1-216-813-11	METAL CHIP	220	5%	1/10W
R1536	1-216-813-11	METAL CHIP	220	5%	1/10W
R1537	1-216-813-11	METAL CHIP	220	5%	1/10W
R1538	1-216-813-11	METAL CHIP	220	5%	1/10W
R1539	1-216-813-11	METAL CHIP	220	5%	1/10W
R1540	1-216-813-11	METAL CHIP	220	5%	1/10W
R1541	1-216-813-11	METAL CHIP	220	5%	1/10W
R1542	1-216-813-11	METAL CHIP	220	5%	1/10W
R1543	1-216-813-11	METAL CHIP	220	5%	1/10W
R1544	1-216-813-11	METAL CHIP	220	5%	1/10W
R1545	1-216-813-11	METAL CHIP	220	5%	1/10W
R1546	1-216-813-11	METAL CHIP	220	5%	1/10W
R1547	1-216-813-11	METAL CHIP	220	5%	1/10W
R1548	1-216-813-11	METAL CHIP	220	5%	1/10W
R1549	1-216-813-11	METAL CHIP	220	5%	1/10W
R1550	1-216-813-11	METAL CHIP	220	5%	1/10W
R1551	1-216-813-11	METAL CHIP	220	5%	1/10W
R1552	1-216-813-11	METAL CHIP	220	5%	1/10W
R1553	1-216-813-11	METAL CHIP	220	5%	1/10W
R1554	1-216-813-11	METAL CHIP	220	5%	1/10W
R1555	1-216-813-11	METAL CHIP	220	5%	1/10W
R1556	1-216-809-11	METAL CHIP	100	5%	1/10W
R1560	1-216-809-11	METAL CHIP	100	5%	1/10W
R1570	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1571	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1572	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1573	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1574	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2346	1-216-833-11	METAL CHIP	10K	5%	1/10W

< VIBRATOR >

Ref. No.	Part No.	Description
X1101	1-795-179-21	VIBRATOR, CERAMIC (16.5MHz)
X1301	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)
X1502	1-813-276-21	QUARTZ, CRYSTAL (13.9MHz)

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Ref. No.	Part No.	Description
	A-1093-291-A	DISPLAY BOARD, COMPLETE (DE898)
	A-1095-076-A	DISPLAY BOARD, COMPLETE (DE998)

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Ref. No.	Part No.	Description
	4-244-786-01	HOLDER, FL (DE9)
*	4-955-901-01	CUSHION (FL)

< CAPACITOR >

Ref. No.	Part No.	Description			Remark
C105	1-127-888-11	CERAMIC	0.1uF	10%	50V
C161	1-127-888-11	CERAMIC	0.1uF	10%	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	1-127-888-11	CERAMIC	0.1uF	10%	50V
C194	1-127-888-11	CERAMIC	0.1uF	10%	50V
C195	1-126-964-11	ELECT	10uF	20%	50V

< CONNECTOR >

Ref. No.	Part No.	Description
CN102	1-568-672-11	CONNECTOR, BOARD TO BOARD 12P
CNS101	1-568-844-11	CONNECTOR, FFC 29P

< DIODE >

Ref. No.	Part No.	Description
D101	6-500-647-01	LED SEL5E20C-STP15 (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 >

Ref. No.	Part No.	Description
FL101	1-518-969-11	VACUUM FLUORESCENT DISPLAY

< IC >

Ref. No.	Part No.	Description
IC100	6-804-183-01	IC 86CK74AFG-5DC1

Ref. No.	Part No.	Description			Remark	
		< 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			
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	1-249-421-11	CARBON	2.2K	5%	1/4W	
R104	1-247-847-11	CARBON	4.7K	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	1-247-804-11	CARBON	75	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)				

Ref. No.	Part No.	Description			Remark
		< SWITCH >			
S100	1-771-410-21	SWITCH, TACTILE (INPUT MODE)			
S101	1-771-410-21	SWITCH, TACTILE (ON SCREEN) (DE998)			
S102	1-771-410-21	SWITCH, TACTILE (2ND ZONE)			
S103	1-771-410-21	SWITCH, TACTILE (SURR BACK DECODING)			
S104	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)			
S113	1-771-410-21	SWITCH, TACTILE (2CH)			
		< VIBRATOR >			
X101	1-579-952-21	VIBRATOR, CERAMIC (8MHz)			

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FRONT AV BOARD (DE998)
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Ref. No.	Part No.	Description			Remark
		< CAPACITOR >			
C2701	1-127-880-11	CERAMIC	0.022uF	10%	50V
C2702	1-127-880-11	CERAMIC	0.022uF	10%	50V
		< CONNECTOR >			
CN209	1-784-923-11	PIN, CONNECTOR 7P			
		< JACK >			
J2702	1-819-188-11	JACK, PIN 3P (VIDEO 3 INPUT VIDEO,AUDIO L/R,S-VIDEO)			
		< LEAD >			
* TP202	1-690-880-81	LEAD (WITH CONNECTOR)			

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HP BOARD
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Ref. No.	Part No.	Description			Remark
		< CAPACITOR >			
C2501	1-127-888-11	CERAMIC	0.1uF	10%	50V
C2502	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
CNP701	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
		< JACK >			
J2501	1-815-313-21	JACK (PHONES)			

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Ref. No.	Part No.	Description			Remark
	A-1093-274-A	MAIN BOARD, COMPLETE (DE898:US,CND,E2)			
	A-1094-739-A	MAIN BOARD, COMPLETE (EXCEPT US,CND,E2)			
	A-1111-839-A	MAIN BOARD, COMPLETE (DE998)			
		*********************			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C200	1-126-923-11	ELECT	220uF	20%	10V
C201	1-126-964-11	ELECT	10uF	20%	50V
C220	1-128-560-11	ELECT	22uF	20%	100V

Ref. No.	Part No.	Description			Remark
C221	1-128-560-11	ELECT	22uF	20%	100V
C230	1-128-560-11	ELECT	22uF	20%	100V
C231	1-128-560-11	ELECT	22uF	20%	100V
C233	1-128-581-11	ELECT	4.7uF	20%	100V
C250	1-126-967-11	ELECT	47uF	20%	50V
C251	1-126-967-11	ELECT	47uF	20%	50V
C252	1-126-967-11	ELECT	47uF	20%	50V
C255	1-126-923-11	ELECT	220uF	20%	10V
C260	1-127-888-11	CERAMIC	0.1uF	10%	50V
C261	1-126-923-11	ELECT	220uF	20%	10V
C265	1-127-888-11	CERAMIC	0.1uF	10%	50V
C266	1-126-923-11	ELECT	220uF	20%	10V
C290	1-107-935-11	ELECT	330uF	20%	100V
C300	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
C301	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
C302	1-128-813-11	CERAMIC	220PF	5%	50V
C303	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
C306	1-125-896-11	MYLAR	0.0091uF	5%	50V
C307	1-136-159-00	FILM	0.033uF	5%	50V
C308	1-124-257-00	ELECT	2.2uF	20%	50V
C309	1-127-880-11	CERAMIC	0.022uF	10%	50V
C310	1-130-471-00	MYLAR	0.001uF	5%	50V
C313	1-126-963-11	ELECT	4.7uF	20%	50V
C330	1-126-965-11	ELECT	22uF	20%	50V
C331	1-128-809-11	CERAMIC	100PF	5%	50V
C332	1-126-965-11	ELECT	22uF	20%	50V
C333	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
C341	1-128-825-11	CERAMIC	0.0022uF	5%	50V
					(EXCEPT US,CND,E2)
C343	1-128-825-11	CERAMIC	0.0022uF	5%	50V
					(EXCEPT US,CND,E2)
C344	1-128-825-11	CERAMIC	0.0022uF	5%	50V
					(EXCEPT US,CND,E2)
C345	1-128-825-11	CERAMIC	0.0022uF	5%	50V
					(EXCEPT US,CND,E2)
C351	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
C352	1-128-813-11	CERAMIC	220PF	5%	50V
C353	1-126-961-11	ELECT	2.2uF	20%	50V
C354	1-126-923-11	ELECT	220uF	20%	10V
C355	1-128-809-11	CERAMIC	100PF	5%	50V
C356	1-125-896-11	MYLAR	0.0091uF	5%	50V
C357	1-136-159-00	FILM	0.033uF	5%	50V
C358	1-124-257-00	ELECT	2.2uF	20%	50V
C359	1-127-880-11	CERAMIC	0.022uF	10%	50V
C360	1-130-471-00	MYLAR	0.001uF	5%	50V
C363	1-126-963-11	ELECT	4.7uF	20%	50V
C380	1-126-965-11	ELECT	22uF	20%	50V
C381	1-128-809-11	CERAMIC	100PF	5%	50V
C382	1-126-965-11	ELECT	22uF	20%	50V
C383	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
C390	1-126-964-11	ELECT	10uF	20%	50V
C391	1-126-963-11	ELECT	4.7uF	20%	50V
C392	1-128-803-11	CERAMIC	33PF	5%	50V
C395	1-126-963-11	ELECT	4.7uF	20%	50V
C400	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
C403	1-126-964-11	ELECT	10uF	20%	50V
C408	1-128-813-11	CERAMIC	220PF	5%	50V
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
C413	1-128-809-11	CERAMIC	100PF	5%	50V
C414	1-102-233-00	CERAMIC	33PF	10%	500V
C415	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C416	1-126-923-11	ELECT	220uF	20%	10V
C417	1-126-947-11	ELECT	47uF	20%	35V
C418	1-127-888-11	CERAMIC	0.1uF	10%	50V
C421	1-126-947-11	ELECT	47uF	20%	35V
C423	1-102-233-00	CERAMIC	33PF	10%	500V
C424	1-102-233-00	CERAMIC	33PF	10%	500V
C425	1-128-813-11	CERAMIC	220PF	5%	50V
C426	1-127-876-11	CERAMIC	0.01uF	10%	50V
C427	1-126-964-11	ELECT	10uF	20%	50V
C428	1-127-888-11	CERAMIC	0.1uF	10%	50V
C429	1-126-947-11	ELECT	47uF	20%	35V
C431	1-136-497-81	FILM	0.1uF	5%	50V
C432	1-136-161-00	FILM	0.047uF	5%	50V
C440	1-126-964-11	ELECT	10uF	20%	50V
C461	1-126-963-11	ELECT	4.7uF	20%	50V
C462	1-128-809-11	CERAMIC	100PF	5%	50V
C463	1-128-809-11	CERAMIC	100PF	5%	50V
C464	1-102-233-00	CERAMIC	33PF	10%	500V
C465	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C466	1-126-923-11	ELECT	220uF	20%	10V
C471	1-126-947-11	ELECT	47uF	20%	35V
C473	1-102-233-00	CERAMIC	33PF	10%	500V
C474	1-102-233-00	CERAMIC	33PF	10%	500V
C475	1-128-813-11	CERAMIC	220PF	5%	50V
C476	1-127-876-11	CERAMIC	0.01uF	10%	50V
C477	1-126-964-11	ELECT	10uF	20%	50V
C478	1-126-963-11	ELECT	4.7uF	20%	50V
C479	1-126-963-11	ELECT	4.7uF	20%	50V
C481	1-136-497-81	FILM	0.1uF	5%	50V
C482	1-136-161-00	FILM	0.047uF	5%	50V
C485	1-126-961-11	ELECT	2.2uF	20%	50V
C486	1-124-257-00	ELECT	2.2uF	20%	50V
C490	1-126-964-11	ELECT	10uF	20%	50V
C503	1-126-964-11	ELECT	10uF	20%	50V
C511	1-126-963-11	ELECT	4.7uF	20%	50V
C512	1-128-809-11	CERAMIC	100PF	5%	50V
C513	1-128-809-11	CERAMIC	100PF	5%	50V
C514	1-102-233-00	CERAMIC	33PF	10%	500V
C515	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C516	1-126-923-11	ELECT	220uF	20%	10V
C521	1-126-947-11	ELECT	47uF	20%	35V
C523	1-102-233-00	CERAMIC	33PF	10%	500V
C524	1-102-233-00	CERAMIC	33PF	10%	500V
C525	1-128-813-11	CERAMIC	220PF	5%	50V
C526	1-127-876-11	CERAMIC	0.01uF	10%	50V
C527	1-126-964-11	ELECT	10uF	20%	50V

Ref. No.	Part No.	Description			Remark
C531	1-136-497-81	FILM	0.1uF	5%	50V
C532	1-136-161-00	FILM	0.047uF	5%	50V
C540	1-126-964-11	ELECT	10uF	20%	50V
C561	1-126-963-11	ELECT	4.7uF	20%	50V
C562	1-128-809-11	CERAMIC	100PF	5%	50V
C563	1-128-809-11	CERAMIC	100PF	5%	50V
C564	1-102-233-00	CERAMIC	33PF	10%	500V
C565	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C566	1-126-923-11	ELECT	220uF	20%	10V
C571	1-126-947-11	ELECT	47uF	20%	35V
C573	1-102-233-00	CERAMIC	33PF	10%	500V
C575	1-102-233-00	CERAMIC	33PF	10%	500V
C576	1-127-876-11	CERAMIC	0.01uF	10%	50V
C577	1-126-964-11	ELECT	10uF	20%	50V
C578	1-128-813-11	CERAMIC	220PF	5%	50V
C581	1-136-497-81	FILM	0.1uF	5%	50V
C582	1-136-161-00	FILM	0.047uF	5%	50V
C590	1-126-964-11	ELECT	10uF	20%	50V
C600	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
C603	1-126-964-11	ELECT	10uF	20%	50V
C611	1-126-963-11	ELECT	4.7uF	20%	50V
C612	1-128-809-11	CERAMIC	100PF	5%	50V
C613	1-128-809-11	CERAMIC	100PF	5%	50V
C614	1-102-233-00	CERAMIC	33PF	10%	500V
C615	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C616	1-126-923-11	ELECT	220uF	20%	10V
C621	1-126-947-11	ELECT	47uF	20%	35V
C623	1-102-233-00	CERAMIC	33PF	10%	500V
C624	1-102-233-00	CERAMIC	33PF	10%	500V
C625	1-128-813-11	CERAMIC	220PF	5%	50V
C626	1-127-876-11	CERAMIC	0.01uF	10%	50V
C627	1-126-964-11	ELECT	10uF	20%	50V
C631	1-136-497-81	FILM	0.1uF	5%	50V
C632	1-136-161-00	FILM	0.047uF	5%	50V
C640	1-126-964-11	ELECT	10uF	20%	50V
C661	1-126-963-11	ELECT	4.7uF	20%	50V
C662	1-128-809-11	CERAMIC	100PF	5%	50V
C663	1-128-809-11	CERAMIC	100PF	5%	50V
C664	1-102-233-00	CERAMIC	33PF	10%	500V
C665	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C666	1-126-923-11	ELECT	220uF	20%	10V
C671	1-126-947-11	ELECT	47uF	20%	35V
C673	1-102-233-00	CERAMIC	33PF	10%	500V
C674	1-102-233-00	CERAMIC	33PF	10%	500V
C675	1-128-813-11	CERAMIC	220PF	5%	50V
C676	1-127-876-11	CERAMIC	0.01uF	10%	50V
C677	1-126-964-11	ELECT	10uF	20%	50V
C681	1-136-497-81	FILM	0.1uF	5%	50V
C682	1-136-161-00	FILM	0.047uF	5%	50V
C690	1-126-964-11	ELECT	10uF	20%	50V
C700	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
C703	1-126-964-11	ELECT	10uF	20%	50V
C711	1-126-963-11	ELECT	4.7uF	20%	50V
C712	1-128-809-11	CERAMIC	100PF	5%	50V
C713	1-128-809-11	CERAMIC	100PF	5%	50V
C714	1-102-233-00	CERAMIC	33PF	10%	500V

Ref. No.	Part No.	Description			Remark
C715	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C716	1-126-923-11	ELECT	220uF	20%	10V
C721	1-126-947-11	ELECT	47uF	20%	35V
C723	1-102-233-00	CERAMIC	33PF	10%	500V
C724	1-102-233-00	CERAMIC	33PF	10%	500V
C725	1-128-813-11	CERAMIC	220PF	5%	50V
C726	1-127-876-11	CERAMIC	0.01uF	10%	50V
C727	1-126-964-11	ELECT	10uF	20%	50V
C731	1-136-497-81	FILM	0.1uF	5%	50V
C732	1-136-161-00	FILM	0.047uF	5%	50V
C750	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
C800	1-135-851-21	MYLAR	0.22uF		100V
C802	1-135-851-21	MYLAR	0.22uF		100V
C803	1-109-932-14	ELECT(BLOCK)	10000uF	20%	71V
C804	1-109-932-14	ELECT(BLOCK)	10000uF	20%	71V
C840	1-126-964-11	ELECT	10uF	20%	50V
CC01	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC02	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC11	1-127-872-11	CERAMIC	0.0047uF	10%	50V
					(EXCEPT US,CND,E2)
CC21	1-127-872-11	CERAMIC	0.0047uF	10%	50V
					(EXCEPT US,CND,E2)
CC61	1-127-872-11	CERAMIC	0.0047uF	10%	50V
					(EXCEPT US,CND,E2)
CC71	1-127-872-11	CERAMIC	0.0047uF	10%	50V
					(EXCEPT US,CND,E2)
CC81	1-127-872-11	CERAMIC	0.0047uF	10%	50V
					(EXCEPT US,CND,E2)
CC313	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC314	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC363	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC364	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC374	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC401	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC451	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC501	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC551	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC601	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC651	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC701	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
CC751	1-128-809-11	CERAMIC	100PF	5%	50V
					(EXCEPT US,CND,E2)
		< CONNECTOR >			
CN908	1-785-103-11	PIN, CONNECTOR (3.96mm PITCH) 5P			
CNP802	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			

Ref. No.	Part No.	Description	Remark
CNP805	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P	
* CNP811	1-766-718-21	CONNECTOR, BOARD TO BOARD 17P	
CNP814	1-766-715-21	CONNECTOR, BOARD TO BOARD 10P	
		< DIODE >	
D201	8-719-991-33	DIODE 1SS133T-77	
D202	8-719-991-33	DIODE 1SS133T-77	
D203	8-719-991-33	DIODE 1SS133T-77	
D220	8-719-991-33	DIODE 1SS133T-77	
D221	8-719-110-42	DIODE RD15ESB3 (EXCEPT US,CND,E2)	
D221	8-719-947-70	DIODE MTZJ-T-72-18C (US,CND,E2)	
D235	8-719-991-33	DIODE 1SS133T-77	
D240	8-719-991-33	DIODE 1SS133T-77	
D250	8-719-934-21	DIODE HZS30-1L	
D251	8-719-068-28	DIODE HZ6.8BP-TK	
D265	8-719-043-76	DIODE AK04V0	
D290	6-500-522-11	DIODE 10EDB40-TA2B5	
D291	6-500-522-11	DIODE 10EDB40-TA2B5	
D300	8-719-991-33	DIODE 1SS133T-77	
D351	8-719-991-33	DIODE 1SS133T-77	
D400	8-719-991-33	DIODE 1SS133T-77	
D425	8-719-991-33	DIODE 1SS133T-77	
D426	8-719-991-33	DIODE 1SS133T-77	
D475	8-719-991-33	DIODE 1SS133T-77	
D476	8-719-991-33	DIODE 1SS133T-77	
D525	8-719-991-33	DIODE 1SS133T-77	
D526	8-719-991-33	DIODE 1SS133T-77	
D575	8-719-991-33	DIODE 1SS133T-77	
D576	8-719-991-33	DIODE 1SS133T-77	
D600	8-719-991-33	DIODE 1SS133T-77	
D625	8-719-991-33	DIODE 1SS133T-77	
D626	8-719-991-33	DIODE 1SS133T-77	
D675	8-719-991-33	DIODE 1SS133T-77	
D676	8-719-991-33	DIODE 1SS133T-77	
D700	8-719-991-33	DIODE 1SS133T-77	
D725	8-719-991-33	DIODE 1SS133T-77	
D726	8-719-991-33	DIODE 1SS133T-77	
D801	6-501-003-21	DIODE D6SBN20-7003	
D818	8-719-991-33	DIODE 1SS133T-77	
		< IC >	
IC210	8-759-167-88	IC NJM4565D	
IC260	8-759-071-48	IC TA7807S	
IC265	8-759-071-47	IC TA79007S	
IC300	8-759-167-88	IC NJM4565D	
IC301	8-759-636-74	IC M5218AP-22	
IC400	6-700-943-01	IC uPC2581V-S	
IC401	6-707-362-01	IC BD3451KS	
IC500	6-700-943-01	IC uPC2581V-S	
IC600	6-700-943-01	IC uPC2581V-S	
IC604	8-759-167-88	IC NJM4565D	
IC700	6-700-943-01	IC uPC2581V-S	
		< JACK >	
J301	1-794-981-11	JACK, PIN 4P (PHONO IN,SA-CD/CD IN)	
J302	1-794-981-11	JACK, PIN 4P (MD/TAPE OUT,IN)	
J304	1-774-411-11	JACK, PIN 6P (MULTI CH IN FRONT,SURROUND,SURR BACK)	

Ref. No.	Part No.	Description	Remark
J305	1-817-375-11	JACK, PIN 4P (MULTI CH IN CENTER,SUB WOOFER,2ND ZONE OUT)	
J306	1-774-785-11	JACK, PIN 1P (PRE OUT SUB WOOFER)	
		< COIL >	
L401	1-420-872-52	COIL, AIR-CORE	
L451	1-420-872-52	COIL, AIR-CORE	
L501	1-420-872-52	COIL, AIR-CORE	
L551	1-420-872-52	COIL, AIR-CORE	
L601	1-420-872-52	COIL, AIR-CORE	
L651	1-420-872-52	COIL, AIR-CORE	
L701	1-420-872-52	COIL, AIR-CORE	
		< TRANSISTOR >	
Q200	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q201	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q202	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q210	8-729-029-86	TRANSISTOR DTC124ESA	
Q220	8-729-021-82	TRANSISTOR 2SD2396K	
Q225	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q235	8-729-024-93	TRANSISTOR 2SB1565E	
Q240	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q250	8-729-140-97	TRANSISTOR 2SB734-34	
Q255	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q256	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q300	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q351	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q400	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q421	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q422	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q425	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q426	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q427	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q471	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q472	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q475	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q476	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q477	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q521	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q522	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q525	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q526	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q527	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q571	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q572	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q575	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q576	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q577	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q600	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q621	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q622	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q625	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q626	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q627	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q671	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q672	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q675	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q676	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	

Ref. No.	Part No.	Description			Remark	
Q677	8-729-281-53	TRANSISTOR	2SC1815-GR			
Q700	8-729-119-79	TRANSISTOR	2SC2785-FEK			
Q721	8-729-119-76	TRANSISTOR	2SA1175-HFE			
Q722	8-729-141-30	TRANSISTOR	2SC3623A-LK			
Q725	8-729-140-82	TRANSISTOR	2SA988-PAFAEA			
Q726	8-729-140-82	TRANSISTOR	2SA988-PAFAEA			
Q727	8-729-281-53	TRANSISTOR	2SC1815-GR			
Q809	8-729-119-79	TRANSISTOR	2SC2785-FEK			
		< RESISTOR >				
R201	1-249-429-11	CARBON	10K	5%	1/4W	
R203	1-249-435-11	CARBON	33K	5%	1/4W	
R204	1-259-428-61	CARBON	1K	5%	1/6W	
R205	1-249-427-11	CARBON	6.8K	5%	1/4W	
R210	1-249-429-11	CARBON	10K	5%	1/4W	
R211	1-249-429-11	CARBON	10K	5%	1/4W	
R212	1-247-887-00	CARBON	220K	5%	1/4W	
R213	1-259-468-61	CARBON	47K	5%	1/6W	
R214	1-249-429-11	CARBON	10K	5%	1/4W	
R215	1-247-863-11	CARBON	22K	5%	1/4W	
R220	1-249-393-11	CARBON	10	5%	1/4W	F
⚠R221	1-215-873-81	METAL OXIDE	4.7K	5%	1W	F
R222	1-259-420-61	CARBON	470	5%	1/6W	
R233	1-247-847-11	CARBON	4.7K	5%	1/4W	
R234	1-249-393-11	CARBON	10	5%	1/4W	F
R235	1-259-420-61	CARBON	470	5%	1/6W	
R236	1-247-883-00	CARBON	150K	5%	1/4W	
⚠R240	1-215-868-00	METAL OXIDE	680	5%	1W	F
R245	1-247-847-11	CARBON	4.7K	5%	1/4W	
R246	1-249-402-11	CARBON	56	5%	1/4W	F
R250	1-249-389-11	CARBON	4.7	5%	1/4W	F
R251	1-249-426-11	CARBON	5.6K	5%	1/4W	
R252	1-247-863-11	CARBON	22K	5%	1/4W	
⚠R280	1-215-868-00	METAL OXIDE	680	5%	1W	F
⚠R290	1-240-877-11	FUSIBLE	0.15	5%	1/2W	F
R301	1-259-428-61	CARBON	1K	5%	1/6W	
R302	1-259-476-61	CARBON	100K	5%	1/6W	
R303	1-259-474-61	CARBON	82K	5%	1/6W	
R304	1-259-410-61	CARBON	180	5%	1/6W	
R305	1-259-450-61	CARBON	8.2K	5%	1/6W	
R306	1-259-476-61	CARBON	100K	5%	1/6W	
R307	1-259-404-61	CARBON	100	5%	1/6W	
R308	1-259-476-61	CARBON	100K	5%	1/6W	
R309	1-259-420-61	CARBON	470	5%	1/6W	
R311	1-259-428-61	CARBON	1K	5%	1/6W	
R313	1-259-428-61	CARBON	1K	5%	1/6W	
R314	1-259-428-61	CARBON	1K	5%	1/6W	
R330	1-247-887-00	CARBON	220K	5%	1/4W	
R331	1-259-468-61	CARBON	47K	5%	1/6W	
R332	1-259-404-61	CARBON	100	5%	1/6W	
R341	1-247-847-11	CARBON	4.7K	5%	1/4W	
R342	1-249-401-11	CARBON	47	5%	1/4W	F
R351	1-259-428-61	CARBON	1K	5%	1/6W	
R352	1-259-476-61	CARBON	100K	5%	1/6W	
R353	1-259-474-61	CARBON	82K	5%	1/6W	
R354	1-259-410-61	CARBON	180	5%	1/6W	
R355	1-259-450-61	CARBON	8.2K	5%	1/6W	
R356	1-259-476-61	CARBON	100K	5%	1/6W	
R357	1-259-404-61	CARBON	100	5%	1/6W	
R358	1-259-476-61	CARBON	100K	5%	1/6W	
R359	1-259-420-61	CARBON	470	5%	1/6W	
R361	1-259-428-61	CARBON	1K	5%	1/6W	
R363	1-259-428-61	CARBON	1K	5%	1/6W	
R364	1-259-428-61	CARBON	1K	5%	1/6W	
R380	1-247-887-00	CARBON	220K	5%	1/4W	
R381	1-259-468-61	CARBON	47K	5%	1/6W	
R382	1-259-404-61	CARBON	100	5%	1/6W	
R388	1-259-428-61	CARBON	1K	5%	1/6W	
R389	1-259-468-61	CARBON	47K	5%	1/6W	
R390	1-249-429-11	CARBON	10K	5%	1/4W	
R391	1-259-468-61	CARBON	47K	5%	1/6W	
R392	1-259-440-61	CARBON	3.3K	5%	1/6W	
R396	1-259-468-61	CARBON	47K	5%	1/6W	
R397	1-247-847-11	CARBON	4.7K	5%	1/4W	
R398	1-249-409-11	CARBON	220	5%	1/4W	F
R400	1-247-863-11	CARBON	22K	5%	1/4W	
R401	1-259-428-61	CARBON	1K	5%	1/6W	
R405	1-247-847-11	CARBON	4.7K	5%	1/4W	
R406	1-249-402-11	CARBON	56	5%	1/4W	F
R408	1-259-420-61	CARBON	470	5%	1/6W	
R409	1-259-420-61	CARBON	470	5%	1/6W	
R411	1-259-428-61	CARBON	1K	5%	1/6W	
R412	1-259-472-61	CARBON	68K	5%	1/6W	
R415	1-259-472-61	CARBON	68K	5%	1/6W	
R416	1-259-436-61	CARBON	2.2K	5%	1/6W	
R421	1-259-474-61	CARBON	82K	5%	1/6W	
R422	1-259-436-61	CARBON	2.2K	5%	1/6W	
R423	1-249-405-11	CARBON	100	5%	1/4W	F
R424	1-249-414-11	CARBON	560	5%	1/4W	
R425	1-249-405-11	CARBON	100	5%	1/4W	F
R426	1-240-855-81	CARBON	6.2K	5%	1/4W	F
R427	1-247-847-11	CARBON	4.7K	5%	1/4W	
R428	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W				
R429	1-249-419-11	CARBON	1.5K	5%	1/4W	
R430	1-259-476-61	CARBON	100K	5%	1/6W	
R431	1-249-393-11	CARBON	10	5%	1/4W	F
R432	1-249-435-11	CARBON	33K	5%	1/4W	
R433	1-249-431-11	CARBON	15K	5%	1/4W	
R434	1-249-431-11	CARBON	15K	5%	1/4W	
R435	1-259-468-61	CARBON	47K	5%	1/6W	
R436	1-247-863-11	CARBON	22K	5%	1/4W	
R437	1-259-468-61	CARBON	47K	5%	1/6W	
R439	1-249-389-11	CARBON	4.7	5%	1/4W	F
R440	1-259-468-61	CARBON	47K	5%	1/6W	
R441	1-259-468-61	CARBON	47K	5%	1/6W	
R446	1-247-847-11	CARBON	4.7K	5%	1/4W	
					(US,CND,E2)	
R446	1-249-427-11	CARBON	6.8K	5%	1/4W	
					(EXCEPT US,CND,E2)	
R451	1-259-428-61	CARBON	1K	5%	1/6W	
R461	1-259-428-61	CARBON	1K	5%	1/6W	
R462	1-259-472-61	CARBON	68K	5%	1/6W	
R465	1-259-472-61	CARBON	68K	5%	1/6W	
R466	1-259-436-61	CARBON	2.2K	5%	1/6W	
R471	1-259-474-61	CARBON	82K	5%	1/6W	
R472	1-259-436-61	CARBON	2.2K	5%	1/6W	

Ref. No.	Part No.	Description			Remark	
R473	1-249-405-11	CARBON	100	5%	1/4W	F
R474	1-249-414-11	CARBON	560	5%	1/4W	
R475	1-249-405-11	CARBON	100	5%	1/4W	F
R476	1-240-855-81	CARBON	6.2K	5%	1/4W	F
R477	1-247-847-11	CARBON	4.7K	5%	1/4W	
R478	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2		5W	
R479	1-249-419-11	CARBON	1.5K	5%	1/4W	
R480	1-259-476-61	CARBON	100K	5%	1/6W	
R481	1-249-393-11	CARBON	10	5%	1/4W	F
R482	1-249-435-11	CARBON	33K	5%	1/4W	
R483	1-249-431-11	CARBON	15K	5%	1/4W	
R484	1-249-431-11	CARBON	15K	5%	1/4W	
R485	1-259-468-61	CARBON	47K	5%	1/6W	
R486	1-247-863-11	CARBON	22K	5%	1/4W	
R487	1-259-468-61	CARBON	47K	5%	1/6W	
R489	1-249-389-11	CARBON	4.7	5%	1/4W	F
R496	1-247-847-11	CARBON	4.7K	5%	1/4W	
					(US,CND,E2)	
R496	1-249-427-11	CARBON	6.8K	5%	1/4W	
					(EXCEPT US,CND,E2)	
R500	1-247-863-11	CARBON	22K	5%	1/4W	
R501	1-259-428-61	CARBON	1K	5%	1/6W	
R511	1-259-428-61	CARBON	1K	5%	1/6W	
R512	1-259-472-61	CARBON	68K	5%	1/6W	
R515	1-259-472-61	CARBON	68K	5%	1/6W	
R516	1-259-436-61	CARBON	2.2K	5%	1/6W	
R521	1-259-474-61	CARBON	82K	5%	1/6W	
R522	1-259-436-61	CARBON	2.2K	5%	1/6W	
R523	1-249-405-11	CARBON	100	5%	1/4W	F
R524	1-249-414-11	CARBON	560	5%	1/4W	
R525	1-249-405-11	CARBON	100	5%	1/4W	F
R526	1-240-855-81	CARBON	6.2K	5%	1/4W	F
R527	1-247-847-11	CARBON	4.7K	5%	1/4W	
R528	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2		5W	
R529	1-249-419-11	CARBON	1.5K	5%	1/4W	
R530	1-259-476-61	CARBON	100K	5%	1/6W	
R531	1-249-393-11	CARBON	10	5%	1/4W	F
R532	1-249-435-11	CARBON	33K	5%	1/4W	
R533	1-249-431-11	CARBON	15K	5%	1/4W	
R534	1-249-431-11	CARBON	15K	5%	1/4W	
R535	1-259-468-61	CARBON	47K	5%	1/6W	
R536	1-247-863-11	CARBON	22K	5%	1/4W	
R537	1-259-468-61	CARBON	47K	5%	1/6W	
R539	1-249-389-11	CARBON	4.7	5%	1/4W	F
R546	1-247-847-11	CARBON	4.7K	5%	1/4W	
					(US,CND,E2)	
R546	1-249-427-11	CARBON	6.8K	5%	1/4W	
					(EXCEPT US,CND,E2)	
R551	1-259-428-61	CARBON	1K	5%	1/6W	
R561	1-259-428-61	CARBON	1K	5%	1/6W	
R562	1-259-472-61	CARBON	68K	5%	1/6W	
R565	1-259-472-61	CARBON	68K	5%	1/6W	
R566	1-259-436-61	CARBON	2.2K	5%	1/6W	
R571	1-259-474-61	CARBON	82K	5%	1/6W	
R572	1-259-436-61	CARBON	2.2K	5%	1/6W	
R573	1-249-405-11	CARBON	100	5%	1/4W	F
R574	1-249-414-11	CARBON	560	5%	1/4W	
R575	1-249-405-11	CARBON	100	5%	1/4W	F
R576	1-240-855-81	CARBON	6.2K	5%	1/4W	F

Ref. No.	Part No.	Description			Remark	
R577	1-247-847-11	CARBON	4.7K	5%	1/4W	
R578	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2		5W	
R579	1-249-419-11	CARBON	1.5K	5%	1/4W	
R580	1-259-476-61	CARBON	100K	5%	1/6W	
R581	1-249-393-11	CARBON	10	5%	1/4W	F
R582	1-249-435-11	CARBON	33K	5%	1/4W	
R583	1-249-431-11	CARBON	15K	5%	1/4W	
R584	1-249-431-11	CARBON	15K	5%	1/4W	
R585	1-259-468-61	CARBON	47K	5%	1/6W	
R586	1-247-863-11	CARBON	22K	5%	1/4W	
R587	1-259-468-61	CARBON	47K	5%	1/6W	
R589	1-249-389-11	CARBON	4.7	5%	1/4W	F
R596	1-247-847-11	CARBON	4.7K	5%	1/4W	
					(US,CND,E2)	
R596	1-249-427-11	CARBON	6.8K	5%	1/4W	
					(EXCEPT US,CND,E2)	
R600	1-247-863-11	CARBON	22K	5%	1/4W	
R601	1-259-428-61	CARBON	1K	5%	1/6W	
R605	1-247-847-11	CARBON	4.7K	5%	1/4W	
R606	1-249-402-11	CARBON	56	5%	1/4W	F
R611	1-259-428-61	CARBON	1K	5%	1/6W	
R612	1-259-472-61	CARBON	68K	5%	1/6W	
R615	1-259-472-61	CARBON	68K	5%	1/6W	
R616	1-259-436-61	CARBON	2.2K	5%	1/6W	
R621	1-259-474-61	CARBON	82K	5%	1/6W	
R622	1-259-436-61	CARBON	2.2K	5%	1/6W	
R623	1-249-405-11	CARBON	100	5%	1/4W	F
R624	1-249-414-11	CARBON	560	5%	1/4W	
R625	1-249-405-11	CARBON	100	5%	1/4W	F
R626	1-240-855-81	CARBON	6.2K	5%	1/4W	F
R627	1-247-847-11	CARBON	4.7K	5%	1/4W	
R628	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2		5W	
R629	1-249-419-11	CARBON	1.5K	5%	1/4W	
R630	1-259-476-61	CARBON	100K	5%	1/6W	
R631	1-249-393-11	CARBON	10	5%	1/4W	F
R632	1-249-435-11	CARBON	33K	5%	1/4W	
R633	1-249-431-11	CARBON	15K	5%	1/4W	
R634	1-249-431-11	CARBON	15K	5%	1/4W	
R635	1-259-468-61	CARBON	47K	5%	1/6W	
R636	1-247-863-11	CARBON	22K	5%	1/4W	
R637	1-259-468-61	CARBON	47K	5%	1/6W	
R639	1-249-389-11	CARBON	4.7	5%	1/4W	F
R646	1-247-847-11	CARBON	4.7K	5%	1/4W	
					(US,CND,E2)	
R646	1-249-427-11	CARBON	6.8K	5%	1/4W	
					(EXCEPT US,CND,E2)	
R651	1-259-428-61	CARBON	1K	5%	1/6W	
R656	1-249-429-11	CARBON	10K	5%	1/4W	
R658	1-249-429-11	CARBON	10K	5%	1/4W	
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	
R666	1-259-436-61	CARBON	2.2K	5%	1/6W	
R671	1-259-474-61	CARBON	82K	5%	1/6W	
R672	1-259-436-61	CARBON	2.2K	5%	1/6W	
R673	1-249-405-11	CARBON	100	5%	1/4W	F
R674	1-249-414-11	CARBON	560	5%	1/4W	
R675	1-249-405-11	CARBON	100	5%	1/4W	F
R676	1-240-855-81	CARBON	6.2K	5%	1/4W	F

Ref. No.	Part No.	Description				Remark
R677	1-247-847-11	CARBON	4.7K	5%	1/4W	
R678	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W				
R679	1-249-419-11	CARBON	1.5K	5%	1/4W	
R680	1-259-476-61	CARBON	100K	5%	1/6W	
R681	1-249-393-11	CARBON	10	5%	1/4W	F
R682	1-249-435-11	CARBON	33K	5%	1/4W	
R683	1-249-431-11	CARBON	15K	5%	1/4W	
R684	1-249-431-11	CARBON	15K	5%	1/4W	
R685	1-259-468-61	CARBON	47K	5%	1/6W	
R686	1-247-863-11	CARBON	22K	5%	1/4W	
R687	1-259-468-61	CARBON	47K	5%	1/6W	
R689	1-249-389-11	CARBON	4.7	5%	1/4W	F
R696	1-247-847-11	CARBON	4.7K	5%	1/4W	(US,CND,E2)
R696	1-249-427-11	CARBON	6.8K	5%	1/4W	(EXCEPT US,CND,E2)
R700	1-247-863-11	CARBON	22K	5%	1/4W	
R701	1-259-428-61	CARBON	1K	5%	1/6W	
R705	1-247-847-11	CARBON	4.7K	5%	1/4W	
R706	1-249-402-11	CARBON	56	5%	1/4W	F
R711	1-259-428-61	CARBON	1K	5%	1/6W	
R712	1-259-472-61	CARBON	68K	5%	1/6W	
R715	1-259-472-61	CARBON	68K	5%	1/6W	
R716	1-259-436-61	CARBON	2.2K	5%	1/6W	
R721	1-259-474-61	CARBON	82K	5%	1/6W	
R722	1-259-436-61	CARBON	2.2K	5%	1/6W	
R723	1-249-405-11	CARBON	100	5%	1/4W	F
R724	1-249-414-11	CARBON	560	5%	1/4W	
R725	1-249-405-11	CARBON	100	5%	1/4W	F
R726	1-240-855-81	CARBON	6.2K	5%	1/4W	F
R727	1-247-847-11	CARBON	4.7K	5%	1/4W	
R728	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W				
R729	1-249-419-11	CARBON	1.5K	5%	1/4W	
R730	1-259-476-61	CARBON	100K	5%	1/6W	
R731	1-249-393-11	CARBON	10	5%	1/4W	F
R732	1-249-435-11	CARBON	33K	5%	1/4W	
R733	1-249-431-11	CARBON	15K	5%	1/4W	
R734	1-249-431-11	CARBON	15K	5%	1/4W	
R735	1-259-468-61	CARBON	47K	5%	1/6W	
R736	1-247-863-11	CARBON	22K	5%	1/4W	
R737	1-259-468-61	CARBON	47K	5%	1/6W	
R739	1-249-389-11	CARBON	4.7	5%	1/4W	F
R746	1-247-847-11	CARBON	4.7K	5%	1/4W	(US,CND,E2)
R746	1-249-427-11	CARBON	6.8K	5%	1/4W	(EXCEPT US,CND,E2)
R751	1-247-847-11	CARBON	4.7K	5%	1/4W	
R752	1-247-847-11	CARBON	4.7K	5%	1/4W	
R824	1-247-847-11	CARBON	4.7K	5%	1/4W	
R825	1-247-847-11	CARBON	4.7K	5%	1/4W	
R830	1-249-399-11	CARBON	33	5%	1/4W	F
RR11	1-249-393-11	CARBON	10	5%	1/4W	F (EXCEPT US,CND,E2)
RR21	1-249-393-11	CARBON	10	5%	1/4W	F (EXCEPT US,CND,E2)
RR61	1-249-393-11	CARBON	10	5%	1/4W	F (EXCEPT US,CND,E2)
RR71	1-249-393-11	CARBON	10	5%	1/4W	F (EXCEPT US,CND,E2)
RR81	1-249-393-11	CARBON	10	5%	1/4W	F (EXCEPT US,CND,E2)

< RELAY >

Ref. No.	Part No.	Description
RY240	1-755-170-11	RELAY (12V)
RY300	1-755-486-11	RELAY
RY351	1-755-267-11	RELAY
RY400	1-755-170-11	RELAY (12V)
RY600	1-755-170-11	RELAY (12V)
RY700	1-755-170-11	RELAY (12V)
RY802	1-755-520-11	RELAY
RY803	1-755-520-11	RELAY

< TERMINAL BOARD >

Ref. No.	Part No.	Description
TM601	1-780-214-11	TERMINAL BOARD (2P) (SPEAKERS CENTER)
TM602	1-780-216-11	TERMINAL BOARD (8P) (SPEAKERS SURROUND,SURROUND BACK) (DE898)
TM602	1-780-216-11	TERMINAL BOARD (8P) (SPEAKERS SURROUND,SURROUND BACK (2ND ZONE)) (DE998)

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OPT3 BOARD
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< CAPACITOR >

Ref. No.	Part No.	Description				Remark
C2003	1-164-159-11	CERAMIC	0.1uF		50V	

< CONNECTOR >

Ref. No.	Part No.	Description
CN291	1-779-978-11	PIN, CONNECTOR 3P

< IC >

Ref. No.	Part No.	Description
IC2010	6-600-057-01	IC TORX141PL (VIDEO 3 INPUT DIGITAL(OPT))

< COIL >

Ref. No.	Part No.	Description	
L2002	1-410-517-11	INDUCTOR	47uH

< RESISTOR >

Ref. No.	Part No.	Description			
R2002	1-247-807-31	CARBON	100	5%	1/4W

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POWER KEY BOARD
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< CAPACITOR >

Ref. No.	Part No.	Description			
C188	1-126-947-11	ELECT	47uF	20%	35V

< CONNECTOR >

Ref. No.	Part No.	Description
* CNP102	1-764-210-11	CONNECTOR, BOARD TO BOARD 12P

< IC >

Ref. No.	Part No.	Description
IC103	6-600-349-31	IC NJL24H400A (IR)

< RESISTOR >

Ref. No.	Part No.	Description			
R105	1-249-429-11	CARBON	10K	5%	1/4W
R106	1-247-863-11	CARBON	22K	5%	1/4W

Ref. No.	Part No.	Description			Remark
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
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 (DE898)
R127	1-247-871-11	CARBON	47K	5%	1/4W (DE898)
R186	1-249-393-11	CARBON	10	5%	1/4W F
R187	1-247-807-31	CARBON	100	5%	1/4W
		< ROTARY ENCODER >			
RV101	1-418-817-11	ENCODER, ROTARY (MENU) (DE998)			
RV102	1-418-817-11	ENCODER, ROTARY (–/+) (DE898)			
RV105	1-418-817-11	ENCODER, ROTARY (–/+) (DE998)			
		< SWITCH >			
S105	1-771-410-21	SWITCH, TACTILE (ENTER)			
S106	1-771-410-21	SWITCH, TACTILE (MAIN MENU)			
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))			
S120	1-771-410-21	SWITCH, TACTILE (FM MODE)			
S121	1-771-410-21	SWITCH, TACTILE (TUNING –)			
S122	1-771-410-21	SWITCH, TACTILE (PRESET TUNING –)			
S123	1-771-410-21	SWITCH, TACTILE (PRESET TUNING +)			
S124	1-771-410-21	SWITCH, TACTILE (TUNING +)			
S125	1-771-410-21	SWITCH, TACTILE (MEMORY)			
S126	1-771-410-21	SWITCH, TACTILE (>) (DE898)			
S127	1-771-410-21	SWITCH, TACTILE (<) (DE898)			
S141	1-771-410-21	SWITCH, TACTILE (I/⏻)			

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SPEAKER BOARD
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Ref. No.	Part No.	Description			Remark
		< CAPACITOR >			
C2850	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND,E2)
C2860	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND,E2)
C2870	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND,E2)
C2880	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND,E2)
CC101	1-127-872-11	CERAMIC	0.0047uF	10%	50V (EXCEPT US,CND,E2)
CC102	1-127-872-11	CERAMIC	0.0047uF	10%	50V (EXCEPT US,CND,E2)
CC103	1-127-872-11	CERAMIC	0.0047uF	10%	50V (EXCEPT US,CND,E2)
CC104	1-127-872-11	CERAMIC	0.0047uF	10%	50V (EXCEPT US,CND,E2)
		< 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			
		< 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
RR101	1-249-393-11	CARBON	10	5%	1/4W F (EXCEPT US,CND,E2)
RR102	1-249-393-11	CARBON	10	5%	1/4W F (EXCEPT US,CND,E2)
RR103	1-249-393-11	CARBON	10	5%	1/4W F (EXCEPT US,CND,E2)
RR104	1-249-393-11	CARBON	10	5%	1/4W F (EXCEPT US,CND,E2)
		< RELAY >			
RY2880	1-755-170-11	RELAY (12V)			
RY2881	1-755-170-11	RELAY (12V)			
		< TERMINAL BOARD >			
TM2880	1-780-216-11	TERMINAL BOARD (8P) (SPEAKERS FRONT A,FRONT B)			

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Ref. No.	Part No.	Description			Remark
	A-1093-293-A	STBY BOARD, COMPLETE (US,CND)			
	A-1094-744-A	STBY BOARD, COMPLETE (SP,MY)			
	A-1094-783-A	STBY BOARD, COMPLETE (AUS)			
	A-1094-828-A	STBY BOARD, COMPLETE (E2)			
	A-1094-837-A	STBY BOARD, COMPLETE (AR)			
	A-1094-921-A	STBY BOARD, COMPLETE (TW)			
	A-1112-434-A	STBY BOARD, COMPLETE (KR)			

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Ref. No.	Part No.	Description			Remark
	1-533-293-11	HOLDER, FUSE			
		< CAPACITOR >			
C851	1-126-936-11	ELECT	3300uF	20%	16V
C852	1-127-888-11	CERAMIC	0.1uF	10%	50V
C853	1-127-888-11	CERAMIC	0.1uF	10%	50V
C861	1-127-888-11	CERAMIC	0.1uF	10%	50V
C862	1-127-888-11	CERAMIC	0.1uF	10%	50V
C863	1-126-941-11	ELECT	470uF	20%	25V
C864	1-126-943-11	ELECT	2200uF	20%	25V
C901	1-127-888-11	CERAMIC	0.1uF	10%	50V
C903	1-127-888-11	CERAMIC	0.1uF	10%	50V
C921	1-127-888-11	CERAMIC	0.1uF	10%	50V
C922	1-127-888-11	CERAMIC	0.1uF	10%	50V
C923	1-126-959-11	ELECT	0.47uF	20%	50V
C924	1-126-936-11	ELECT	3300uF	20%	16V
C925	1-126-942-61	ELECT	1000uF	20%	25V

Ref. No.	Part No.	Description			Remark
C926	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
CNP813	1-784-926-11	PIN, CONNECTOR 11P			
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	6-500-522-11	DIODE 10EDB40-TA2B5			
D852	6-500-522-11	DIODE 10EDB40-TA2B5			
D853	6-500-522-11	DIODE 10EDB40-TA2B5			
D854	6-500-522-11	DIODE 10EDB40-TA2B5			
D865	6-501-068-01	DIODE D4SBN20-7001			
D911	8-719-991-33	DIODE 1SS133T-77			
D921	8-719-043-76	DIODE AK04V0			
D922	8-719-043-76	DIODE AK04V0			
D923	8-719-043-76	DIODE AK04V0			
D924	8-719-043-76	DIODE AK04V0			
D925	8-719-991-33	DIODE 1SS133T-77			
D926	8-719-991-33	DIODE 1SS133T-77			
D927	6-500-522-11	DIODE 10EDB40-TA2B5			
		< AC OUTLET >			
⚠J911	1-251-417-11	OUTLET, AC (1P) (AC OUTLET) (AUS)			
⚠J911	1-251-718-11	OUTLET (2 GANG), AC (AC OUTLET) (US,CND)			
⚠J911	1-785-285-11	OUTLET, AC (1P) (AC OUTLET) (SP,MY)			
⚠J911	1-785-834-11	OUTLET, AC (1P) (AC OUTLET) (E2)			
		< TRANSISTOR >			
Q911	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q912	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q913	8-729-140-93	TRANSISTOR 2SB733-34			
Q921	8-729-119-79	TRANSISTOR 2SC2785-FEK			
		< 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)
R912	1-247-871-11	CARBON	47K	5%	1/4W
R913	1-247-847-11	CARBON	4.7K	5%	1/4W
R921	1-247-871-11	CARBON	47K	5%	1/4W
R922	1-247-863-11	CARBON	22K	5%	1/4W
R923	1-249-429-11	CARBON	10K	5%	1/4W
R924	1-249-421-11	CARBON	2.2K	5%	1/4W
		< RELAY >			
⚠RY911	1-755-541-11	RELAY			
		< TRANSFORMER >			
⚠T902	1-437-311-11	TRANSFORMER, POWER (TW)			
⚠T902	1-437-312-11	TRANSFORMER, POWER (US,CND)			
⚠T902	1-437-313-11	TRANSFORMER, POWER (AUS,AR,SP,MY,KR)			
⚠T902	1-437-314-11	TRANSFORMER, POWER (E2)			

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Ref. No.	Part No.	Description			Remark
	A-1093-288-A	S-VIDEO BOARD, COMPLETE (DE898)			
	A-1095-074-A	S-VIDEO BOARD, COMPLETE (DE998)			
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		< CAPACITOR >			
C2106	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C2107	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C2108	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C2109	1-126-964-11	ELECT	10uF	20%	50V
C2110	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C2111	1-126-964-11	ELECT	10uF	20%	50V
C2112	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C2113	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C2114	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C2115	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C2116	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C2117	1-126-964-11	ELECT	10uF	20%	50V
C2118	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C2119	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C2120	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C2121	1-126-947-11	ELECT	47uF	20%	35V
C2124	1-126-947-11	ELECT	47uF	20%	35V
C2125	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C2126	1-126-964-11	ELECT	10uF	20%	50V
C2127	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C2128	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
		< CONNECTOR >			
CNP205	1-784-921-11	PIN, CONNECTOR 4P			
CNS202	1-784-774-11	CONNECTOR, FFC 13P			
CNS204	1-784-766-11	CONNECTOR, FFC 5P			
		< DIODE >			
D2102	8-719-988-61	DIODE 1SS355TE-17			
D2103	8-719-988-61	DIODE 1SS355TE-17			
		< IC >			
IC2101	6-704-199-01	IC NJM2595M-TE2			
IC2102	6-704-199-01	IC NJM2595M-TE2			
		< CONNECTOR >			
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	1-218-285-11	METAL CHIP	75	5%	1/10W
R2104	1-218-285-11	METAL CHIP	75	5%	1/10W
R2105	1-218-285-11	METAL CHIP	75	5%	1/10W
R2106	1-218-285-11	METAL CHIP	75	5%	1/10W
R2107	1-218-285-11	METAL CHIP	75	5%	1/10W
R2108	1-218-285-11	METAL CHIP	75	5%	1/10W
R2109	1-218-285-11	METAL CHIP	75	5%	1/10W
R2110	1-218-285-11	METAL CHIP	75	5%	1/10W
R2111	1-218-285-11	METAL CHIP	75	5%	1/10W

Ref. No.	Part No.	Description			Remark
R2112	1-218-285-11	METAL CHIP	75	5%	1/10W
R2113	1-218-285-11	METAL CHIP	75	5%	1/10W
R2114	1-218-285-11	METAL CHIP	75	5%	1/10W

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Ref. No.	Part No.	Description			Remark
	A-1093-283-A	VIDEO BOARD, COMPLETE (EXCEPT US,CND,KR,TW)			
	A-1118-994-A	VIDEO BOARD, COMPLETE (DE898:US,CND,KR,TW)			
	A-1121-520-A	VIDEO BOARD, COMPLETE (DE998)			

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Ref. No.	Part No.	Description			Remark
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			

< CAPACITOR >

Ref. No.	Part No.	Description			Remark
C2335	1-126-947-11	ELECT	47uF	20%	35V
C2336	1-126-947-11	ELECT	47uF	20%	35V
C2337	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C2338	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C2339	1-126-947-11	ELECT	47uF	20%	35V
C2340	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C2377	1-126-947-11	ELECT	47uF	20%	35V
C2379	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3201	1-126-947-11	ELECT	47uF	20%	35V
C3202	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3205	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3206	1-126-947-11	ELECT	47uF	20%	35V
C3207	1-126-964-11	ELECT	10uF	20%	50V
C3208	1-126-964-11	ELECT	10uF	20%	50V
C3209	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C3210	1-126-964-11	ELECT	10uF	20%	50V
C3211	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C3212	1-126-964-11	ELECT	10uF	20%	50V
C3213	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C3214	1-126-964-11	ELECT	10uF	20%	50V
C3215	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3216	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3217	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3255	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3275	1-126-964-11	ELECT	10uF	20%	50V
C3276	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3277	1-126-916-11	ELECT	1000uF	20%	6.3V
C3278	1-126-933-11	ELECT	100uF	20%	16V
C3279	1-126-962-11	ELECT	3.3uF	20%	50V
C3321	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3322	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3323	1-126-964-11	ELECT	10uF	20%	50V
C3324	1-126-964-11	ELECT	10uF	20%	50V
C3325	1-126-964-11	ELECT	10uF	20%	50V
C3501	1-162-921-11	CERAMIC CHIP	33PF	5%	50V (DE998)
C3502	1-162-917-11	CERAMIC CHIP	15PF	5%	50V (DE998)
C3503	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V (DE998)
C3504	1-126-947-11	ELECT	47uF	20%	35V (DE998)
C3505	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V (DE998)
C3506	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (DE998)
C3507	1-126-964-11	ELECT	10uF	20%	50V (DE998)
C3508	1-126-964-11	ELECT	10uF	20%	50V (DE998)
C3510	1-162-919-11	CERAMIC CHIP	22PF	5%	50V (DE998)
C3511	1-162-913-11	CERAMIC CHIP	8PF	0.5PF	50V (DE998)
C3512	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V (DE998)
C3513	1-126-927-11	ELECT	2200uF	20%	10V (DE998)
C3514	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V (DE998)
C3601	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3602	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3603	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3604	1-162-995-11	CERAMIC CHIP	0.022uF		50V
C3605	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3606	1-126-964-11	ELECT	10uF	20%	50V
C3607	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C3608	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3609	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C3610	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3611	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3612	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3613	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3614	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3615	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3616	1-126-925-11	ELECT	470uF	20%	10V
C3621	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C3622	1-104-665-11	ELECT	100uF	20%	25V
C3623	1-126-964-11	ELECT	10uF	20%	50V
C3631	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C3632	1-131-679-31	FILM	0.01uF	5%	50V
C3633	1-136-165-00	FILM	0.1uF	5%	50V
C3641	1-126-964-11	ELECT	10uF	20%	50V
C3646	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3648	1-164-160-11	CERAMIC CHIP	20PF	5%	50V
C3651	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3652	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3653	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3671	1-126-964-11	ELECT	10uF	20%	50V
C3672	1-126-964-11	ELECT	10uF	20%	50V
C3673	1-126-964-11	ELECT	10uF	20%	50V
C3674	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3675	1-126-947-11	ELECT	47uF	20%	35V
C3676	1-126-947-11	ELECT	47uF	20%	35V
C3677	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3678	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3679	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3701	1-126-960-11	ELECT	1uF	20%	50V
C3702	1-126-960-11	ELECT	1uF	20%	50V
C3703	1-136-165-00	FILM	0.1uF	5%	50V (EXCEPT US,CND,KR,TW)
C3704	1-136-165-00	FILM	0.1uF	5%	50V (EXCEPT US,CND,KR,TW)
C3705	1-136-165-00	FILM	0.1uF	5%	50V (EXCEPT US,CND,KR,TW)

VIDEO

Ref. No.	Part No.	Description	Remark
C3706	1-136-165-00	FILM 0.1uF 5% 50V	(EXCEPT US,CND,KR,TW)
C3707	1-162-917-11	CERAMIC CHIP 15PF 5% 50V	(US,CND,KR,TW)
C3708	1-162-917-11	CERAMIC CHIP 15PF 5% 50V	(EXCEPT US,CND,KR,TW)
C3709	1-126-959-11	ELECT 0.47uF 20% 50V	
C3710	1-164-315-11	CERAMIC CHIP 470PF 5% 50V	
C3711	1-100-566-11	CERAMIC CHIP 0.1uF 10% 25V	
C3712	1-126-941-11	ELECT 470uF 20% 25V	
C3713	1-126-959-11	ELECT 0.47uF 20% 50V	
C3714	1-126-960-11	ELECT 1uF 20% 50V	
C3715	1-162-968-11	CERAMIC CHIP 0.0047uF 10% 50V	
C3716	1-136-165-00	MYLAR 0.1uF 5% 50V	
C3717	1-126-959-11	ELECT 0.47uF 20% 50V	
C3718	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C3719	1-126-960-11	ELECT 1uF 20% 50V	
C3720	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C3721	1-100-566-11	CERAMIC CHIP 0.1uF 10% 25V	(EXCEPT US,CND,KR,TW)
C3722	1-100-566-11	CERAMIC CHIP 0.1uF 10% 25V	(EXCEPT US,CND,KR,TW)
C3731	1-126-962-11	ELECT 3.3uF 20% 50V	
C3732	1-126-933-11	ELECT 100uF 20% 16V	
C3733	1-126-916-11	ELECT 1000uF 20% 6.3V	
C3734	1-100-566-11	CERAMIC CHIP 0.1uF 10% 25V	
C3741	1-126-963-11	ELECT 4.7uF 20% 50V	
C3743	1-126-963-11	ELECT 4.7uF 20% 50V	
C3744	1-126-965-11	ELECT 22uF 20% 50V	
C3745	1-126-933-11	ELECT 100uF 20% 16V	
C3746	1-100-566-11	CERAMIC CHIP 0.1uF 10% 25V	
C3751	1-100-566-11	CERAMIC CHIP 0.1uF 10% 25V	
C3752	1-162-966-11	CERAMIC CHIP 0.0022uF 10% 50V	
C3753	1-162-966-11	CERAMIC CHIP 0.0022uF 10% 50V	
C3818	1-126-933-11	ELECT 100uF 20% 16V	
		< CONNECTOR >	
CNP207	1-779-977-11	PIN, CONNECTOR 6P	
CNP210	1-568-830-11	CONNECTOR, FFC 11P	
CNP3501	1-784-921-11	PIN, CONNECTOR 4P (DE998)	
CNS201	1-784-774-11	CONNECTOR, FFC 13P	
		< TRIMMER CAPACITOR >	
CT3502	1-141-442-91	CAP, CERAMIC TRIMMER 20PF (DE998)	
		< DIODE >	
D3101	8-719-053-18	DIODE 1SR154-400TE-25	
D3102	8-719-053-18	DIODE 1SR154-400TE-25	
D3103	8-719-053-18	DIODE 1SR154-400TE-25	
D3104	8-719-053-18	DIODE 1SR154-400TE-25	
D3105	8-719-053-18	DIODE 1SR154-400TE-25	
D3106	8-719-053-18	DIODE 1SR154-400TE-25	
D3107	8-719-053-18	DIODE 1SR154-400TE-25	
D3108	8-719-053-18	DIODE 1SR154-400TE-25	
D3109	1-216-296-11	SHORT CHIP 0	
D3110	1-216-296-11	SHORT CHIP 0	
D3201	8-719-988-61	DIODE 1SS355TE-17	
D3202	8-719-988-61	DIODE 1SS355TE-17	
D3253	8-719-988-61	DIODE 1SS355TE-17	

Ref. No.	Part No.	Description	Remark
D3254	8-719-988-61	DIODE 1SS355TE-17	
D3301	8-719-988-61	DIODE 1SS355TE-17	
D3302	8-719-988-61	DIODE 1SS355TE-17	
D3303	8-719-988-61	DIODE 1SS355TE-17 (DE998)	
D3601	8-719-988-61	DIODE 1SS355TE-17	
D3602	8-719-988-61	DIODE 1SS355TE-17	
D3731	8-719-988-61	DIODE 1SS355TE-17	
D3732	8-719-988-61	DIODE 1SS355TE-17	
D3733	8-719-988-61	DIODE 1SS355TE-17	
		< FERRITE BEAD >	
FB3252	1-400-862-11	BEAD, FERRITE	
FB3501	1-400-862-11	BEAD, FERRITE (DE998)	
FB3601	1-400-862-11	BEAD, FERRITE	
FB3602	1-400-862-11	BEAD, FERRITE	
FB3603	1-400-862-11	BEAD, FERRITE	
FB3661	1-400-862-11	BEAD, FERRITE	
FB3662	1-400-862-11	BEAD, FERRITE	
FB3701	1-400-862-11	BEAD, FERRITE	
FB3703	1-400-862-11	BEAD, FERRITE	
		< LPF >	
FL3621	1-239-847-11	FILTER, LOW PASS	
FL3631	1-239-847-11	FILTER, LOW PASS	
		< IC >	
IC3101	8-759-231-58	IC TA7812S	
IC3102	8-759-701-59	IC NJM78M09FA	
IC3103	8-759-231-53	IC TA7805S	
IC3104	8-759-245-79	IC TA79005S	
IC3201	6-704-199-01	IC NJM2595M-TE2	
IC3253	8-759-822-05	IC LA7213	
IC3321	8-759-663-94	IC LA7106M-TLM	
IC3501	6-700-367-01	IC MB90089PF-G-238-BND (DE998)	
IC3601	8-752-386-17	IC CXD2064Q	
IC3651	8-759-671-94	IC MC74HC4053AFEL	
IC3671	8-759-663-94	IC LA7106M-TLM	
IC3701	8-752-109-74	IC CXA2199Q	
IC3721	8-759-565-20	IC TDA4665T/V5-118	(EXCEPT US,CND,KR,TW)
IC3731	8-759-822-05	IC LA7213	
IC3741	8-759-429-17	IC NJM2268V(TE2)	
IC3751	8-759-671-94	IC MC74HC4053AFEL	
		< JACK >	
J3101	1-695-317-11	JACK, PIN 2P (TV/SAT VIDEO IN, DVD VIDEO IN)	
J3102	1-695-317-11	JACK, PIN 2P (VIDEO 2 VIDEO OUT/IN)	
J3103	1-770-337-11	JACK, PIN 3P (VIDEO 1 VIDEO OUT/IN, MONITOR VIDEO OUT)	
J3104	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO TV/SAT IN,DVD IN,MONITOR OUT)	
		< JUMPER RESISTOR >	
JR2330	1-216-864-11	SHORT CHIP 0	
		< COIL >	
L3501	1-410-385-11	INDUCTOR 22uH (DE998)	

Ref. No.	Part No.	Description				Remark
		< TRANSISTOR >				
Q3252	1-801-806-11	TRANSISTOR	DTC144EKA			
Q3301	8-729-230-49	TRANSISTOR	2SC2712-YG			
Q3302	8-729-230-49	TRANSISTOR	2SC2712-YG			
Q3304	8-729-230-49	TRANSISTOR	2SC2712-YG			
Q3501	8-729-140-97	TRANSISTOR	2SB734-34 (DE998)			
Q3502	8-729-027-43	TRANSISTOR	DTC114EKA-T146 (DE998)			
Q3503	8-729-216-22	TRANSISTOR	2SA1162-G (DE998)			
Q3601	8-729-230-49	TRANSISTOR	2SC2712-YG			
Q3604	8-729-230-49	TRANSISTOR	2SC2712-YG			
Q3621	8-729-216-22	TRANSISTOR	2SA1162-G			
Q3622	8-729-230-49	TRANSISTOR	2SC2712-YG			
Q3631	8-729-216-22	TRANSISTOR	2SA1162-G			
Q3632	8-729-230-49	TRANSISTOR	2SC2712-YG			
Q3651	8-729-230-49	TRANSISTOR	2SC2712-YG			
Q3652	8-729-230-49	TRANSISTOR	2SC2712-YG			
Q3653	8-729-230-49	TRANSISTOR	2SC2712-YG			
Q3671	8-729-216-22	TRANSISTOR	2SA1162-G			
Q3672	8-729-230-49	TRANSISTOR	2SC2712-YG			
Q3673	8-729-216-22	TRANSISTOR	2SA1162-G			
Q3674	8-729-230-49	TRANSISTOR	2SC2712-YG			
Q3675	8-729-216-22	TRANSISTOR	2SA1162-G			
Q3676	8-729-230-49	TRANSISTOR	2SC2712-YG			
Q3677	8-729-027-43	TRANSISTOR	DTC114EKA-T146			
Q3678	8-729-027-23	TRANSISTOR	DTA114EKA-T146			
Q3701	8-729-216-22	TRANSISTOR	2SA1162-G			
Q3731	1-801-806-11	TRANSISTOR	DTC144EKA			
		< RESISTOR >				
⚠R2330	1-219-165-11	FUSIBLE	1	5%	1/2W	F
R3201	1-216-809-11	METAL CHIP	100	5%	1/10W	
R3202	1-216-809-11	METAL CHIP	100	5%	1/10W	
R3203	1-216-809-11	METAL CHIP	100	5%	1/10W	
R3204	1-216-809-11	METAL CHIP	100	5%	1/10W	
R3207	1-218-285-11	METAL CHIP	75	5%	1/10W	
R3208	1-218-285-11	METAL CHIP	75	5%	1/10W	
R3209	1-218-285-11	METAL CHIP	75	5%	1/10W	
R3210	1-218-285-11	METAL CHIP	75	5%	1/10W	
R3211	1-218-285-11	METAL CHIP	75	5%	1/10W	
R3212	1-218-285-11	METAL CHIP	75	5%	1/10W	
R3213	1-218-285-11	METAL CHIP	75	5%	1/10W	
R3275	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R3276	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R3277	1-216-847-11	METAL CHIP	150K	5%	1/10W	
R3278	1-216-815-11	METAL CHIP	330	5%	1/10W	
R3301	1-218-285-11	METAL CHIP	75	5%	1/10W	
R3302	1-218-285-11	METAL CHIP	75	5%	1/10W	
R3303	1-218-285-11	METAL CHIP	75	5%	1/10W	
R3304	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R3305	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3306	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R3307	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3315	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3316	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (DE898)	
R3316	1-216-864-11	SHORT CHIP	0 (DE998)			
R3321	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3322	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3323	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3324	1-216-809-11	METAL CHIP	100	5%	1/10W	
R3325	1-216-864-11	SHORT CHIP	0 (DE898)			
R3404	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3501	1-216-833-11	METAL CHIP	10K	5%	1/10W (DE998)	
R3502	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (DE998)	
R3503	1-216-833-11	METAL CHIP	10K	5%	1/10W (DE998)	
R3503	1-216-864-11	SHORT CHIP	0 (DE898)			
R3504	1-216-809-11	METAL CHIP	100	5%	1/10W	(EXCEPT DE898:US,CND,KR,TW)
R3505	1-216-809-11	METAL CHIP	100	5%	1/10W	(EXCEPT DE898:US,CND,KR,TW)
R3506	1-216-809-11	METAL CHIP	100	5%	1/10W	(EXCEPT DE898:US,CND,KR,TW)
R3507	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (DE998)	
R3508	1-216-814-11	METAL CHIP	270	5%	1/10W (DE998)	
R3510	1-216-864-11	SHORT CHIP	0 (EXCEPT US,CND,KR,TW)			
R3511	1-216-864-11	SHORT CHIP	0 (EXCEPT US,CND,KR,TW)			
R3512	1-216-864-11	SHORT CHIP	0 (EXCEPT US,CND,KR,TW)			
R3513	1-216-837-11	METAL CHIP	22K	5%	1/10W (DE998)	
R3514	1-216-837-11	METAL CHIP	22K	5%	1/10W (DE998)	
R3515	1-216-837-11	METAL CHIP	22K	5%	1/10W (DE998)	
R3516	1-216-864-11	SHORT CHIP	0 (US,CND,KR,TW)			
R3517	1-216-864-11	SHORT CHIP	0 (US,CND,KR,TW)			
R3518	1-216-864-11	SHORT CHIP	0 (US,CND,KR,TW)			
R3603	1-216-842-11	METAL CHIP	56K	5%	1/10W	
R3604	1-216-818-11	METAL CHIP	560	5%	1/10W	
R3605	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	
R3606	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R3607	1-216-826-11	METAL CHIP	2.7K	5%	1/10W	
R3610	1-216-809-11	METAL CHIP	100	5%	1/10W	
R3611	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3612	1-216-817-11	METAL CHIP	470	5%	1/10W	
R3619	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3621	1-216-811-11	METAL CHIP	150	5%	1/10W	
R3622	1-216-809-11	METAL CHIP	100	5%	1/10W	
R3623	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3624	1-216-818-11	METAL CHIP	560	5%	1/10W	
R3625	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	
R3626	1-216-839-11	METAL CHIP	33K	5%	1/10W	
R3627	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R3628	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3630	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3631	1-216-811-11	METAL CHIP	150	5%	1/10W	
R3632	1-216-809-11	METAL CHIP	100	5%	1/10W	
R3633	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3634	1-216-818-11	METAL CHIP	560	5%	1/10W	
R3635	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	
R3636	1-216-839-11	METAL CHIP	33K	5%	1/10W	
R3637	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R3638	1-216-821-11	METAL CHIP	1K	5%	1/10W	

Ref. No.	Part No.	Description			Remark
R3651	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3652	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3653	1-216-809-11	METAL CHIP	100	5%	1/10W
R3654	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3655	1-216-817-11	METAL CHIP	470	5%	1/10W
R3656	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3657	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3658	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3659	1-216-809-11	METAL CHIP	100	5%	1/10W
R3670	1-216-864-11	SHORT CHIP	0		
R3671	1-216-813-11	METAL CHIP	220	5%	1/10W
R3672	1-216-818-11	METAL CHIP	560	5%	1/10W
R3673	1-216-818-11	METAL CHIP	560	5%	1/10W
R3674	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3675	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3676	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3677	1-216-813-11	METAL CHIP	220	5%	1/10W
R3678	1-216-818-11	METAL CHIP	560	5%	1/10W
R3679	1-216-818-11	METAL CHIP	560	5%	1/10W
R3680	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3681	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3682	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3683	1-216-813-11	METAL CHIP	220	5%	1/10W
R3684	1-216-818-11	METAL CHIP	560	5%	1/10W
R3685	1-216-818-11	METAL CHIP	560	5%	1/10W
R3686	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3687	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3688	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3689	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3690	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3701	1-216-823-11	METAL CHIP	1.5K	5%	1/10W (US,CND,KR,TW)
R3702	1-216-817-11	METAL CHIP	470	5%	1/10W (EXCEPT US,CND,KR,TW)
R3703	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3704	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3705	1-216-809-11	METAL CHIP	100	5%	1/10W
R3706	1-216-809-11	METAL CHIP	100	5%	1/10W
R3707	1-216-809-11	METAL CHIP	100	5%	1/10W
R3708	1-216-813-11	METAL CHIP	220	5%	1/10W
R3709	1-216-851-11	METAL CHIP	330K	5%	1/10W
R3710	1-216-815-11	METAL CHIP	330	5%	1/10W
R3711	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R3712	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3713	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3714	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R3717	1-216-848-11	METAL CHIP	180K	5%	1/10W
R3731	1-216-815-11	METAL CHIP	330	5%	1/10W
R3732	1-216-847-11	METAL CHIP	150K	5%	1/10W
R3733	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3734	1-216-864-11	SHORT CHIP	0		
R3735	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3741	1-216-857-11	METAL CHIP	1M	5%	1/10W
R3751	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3801	1-216-864-11	SHORT CHIP	0		
R3802	1-216-864-11	SHORT CHIP	0		
R3803	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description			Remark
		< RELAY >			
RY3301	1-755-359-11	RELAY			
RY3302	1-755-359-11	RELAY			
RY3303	1-755-359-11	RELAY			
RY3304	1-755-359-11	RELAY			
		< VIBRATOR >			
X3501	1-781-821-21	VIBRATOR, CRYSTAL (14.31MHz) (DE998)			
X3701	1-781-342-21	OSCILLATOR, CRYSTAL (3.5795MHz) (US,CND,KR,TW)			
X3702	1-781-134-21	VIBRATOR, CRYSTAL (4.43MHz) (EXCEPT US,CND,KR,TW)			
X3703	1-577-611-11	OSCILALTOR, CERAMIC (500kHz)			

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Ref. No.	Part No.	Description			Remark
	A-1093-289-A	VIDEO (AU) BOARD, COMPLETE (DE898:US,CND,E2)			
	A-1095-075-A	VIDEO (AU) BOARD, COMPLETE (DE998)			
	A-1111-919-A	VIDEO (AU) BOARD, COMPLETE (EXCEPT US,CND,E2)			
		**************************			
		< CAPACITOR >			
C2552	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	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
C2559	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C2565	1-126-947-11	ELECT	47uF	20%	35V
C2566	1-126-947-11	ELECT	47uF	20%	35V
CC111	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US,CND,E2)
CC112	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US,CND,E2)
CC113	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US,CND,E2)
CC114	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US,CND,E2)
CC115	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US,CND,E2)
CC116	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US,CND,E2)
CC117	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US,CND,E2)
CC118	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US,CND,E2)
CC119	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US,CND,E2)
CC120	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US,CND,E2)
CC121	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US,CND,E2)
CC122	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US,CND,E2)
		< CONNECTOR >			
CNP208	1-779-799-11	PIN, CONNECTOR 9P			
CNP209	1-779-978-11	PIN, CONNECTOR 3P			

< IC >

Ref. No.	Part No.	Description	Remark
IC2560	6-703-518-01	IC BD3842FS-FD2	

< JACK >

Ref. No.	Part No.	Description	Remark
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 >

Ref. No.	Part No.	Description			Remark
R2552	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2553	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2554	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2555	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2556	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2557	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2558	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2559	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2560	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2561	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2562	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2563	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2564	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2565	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2566	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2567	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2568	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2569	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2570	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2571	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2572	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2573	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2574	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2575	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2577	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2578	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2579	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2580	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2581	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2582	1-216-841-11	METAL CHIP	47K	5%	1/10W

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VOLUME BOARD
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< ROTARY ENCODER >

Ref. No.	Part No.	Description	Remark
RV103	1-418-725-41	ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)	

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V3 BOARD (DE898)
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< CAPACITOR >

Ref. No.	Part No.	Description			Remark
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 >

Ref. No.	Part No.	Description	Remark
CN299	1-784-922-11	PIN, CONNECTOR 5P	

< JACK >

Ref. No.	Part No.	Description	Remark
J2052	1-819-189-11	JACK, PIN 3P (VIDEO 3 INPUT VIDEO,AUDIO L/R)	

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MISCELLANEOUS
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Ref. No.	Part No.	Description	Remark
60	1-829-052-11	WIRE (FLAT TYPE) (29 CORE)	
102	1-828-933-11	WIRE (FLAT TYPE) (5 CORE)	
103	1-828-962-11	WIRE (FLAT TYPE) (11 CORE)	
104	1-828-964-11	WIRE (FLAT TYPE) (11 CORE)	
⚠106	1-769-079-23	CORD, POWER (KR)	
⚠106	1-769-744-11	CORD, POWER (E2)	
⚠106	1-777-071-23	CORD, POWER (SP,MY)	
⚠106	1-783-820-11	CORD, POWER (US,CND)	
⚠106	1-783-941-12	CORD, POWER (AR)	
⚠106	1-827-295-22	CORD, POWER (AUS)	
⚠106	1-827-597-41	CORD, POWER (TW)	
108	1-828-971-11	WIRE (FLAT TYPE) (13 CORE)	
111	1-469-089-11	FILTER, CLAMP (FERRITE CORE) (US,CND,E2,KR,TW)	
⚠F901	1-532-465-33	FUSE (T3.15AL/250V) (AUS,AR,SP,MY,KR)	
⚠F901	1-532-505-33	FUSE (5A/125V) (TW)	
⚠F901	1-533-311-12	FUSE, GLASS CYLINDRICAL (DIA. 5) (8A/125V) (DE898:US,CND)	
⚠F901	1-533-312-12	FUSE, GLASS CYLINDRICAL (DIA. 5) (10A/125V) (DE998)	
⚠F902	1-532-464-33	FUSE (T2.5AL/250V) (E2,AUS,SP,MY)	
⚠F902	1-533-453-12	FUSE, GLASS TUBE (DIA. 5) (5A/125V) (US,CND)	
⚠F904	1-533-472-12	FUSE, GLASS TUBE (DIA. 5) (T5AL/250V) (E2)	
Q423	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q423	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q424	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q424	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	
Q473	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q473	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q474	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q474	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	
Q523	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q523	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q524	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q524	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	
Q573	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q573	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q574	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q574	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	
Q623	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q623	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q624	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q624	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	
Q673	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q673	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q674	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q674	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	

Ref. No.	Part No.	Description	Remark
Q723	6-702-390-01	TRANSISTOR MN2488-OPY-MK (DE898)	
Q723	8-729-051-92	TRANSISTOR 2SD2560 (DE998)	
Q724	6-702-391-01	TRANSISTOR MP1620-OPY-MK (DE898)	
Q724	8-729-051-93	TRANSISTOR 2SB1647 (DE998)	
⚠T901	1-443-592-11	TRANSFORMER, POWER (DE998)	
⚠T901	1-443-594-12	TRANSFORMER, POWER (E2)	
⚠T901	1-443-595-12	TRANSFORMER, POWER (DE898:US,CND)	
⚠T901	1-443-596-11	TRANSFORMER, POWER (AUS,AR,KR)	
⚠T901	1-443-597-11	TRANSFORMER, POWER (TW)	
⚠T901	1-443-735-11	TRANSFORMER, POWER (SP,MY)	
TN1	1-693-675-11	TUNER PACK (ANTENNA) (US,CND,E2,AR)	
TN1	1-693-678-11	TUNER PACK (ANTENNA) (AUS,SP,MY,KR,TW)	

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ACCESSORIES
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Ref. No.	Part No.	Description	Remark
	1-479-149-11	COMMANDER, STANDARD (RM-AAL001) (including BATTERY CASE LID) (DE898:US,CND,E2,AR)	
	1-479-152-11	COMMANDER, STANDARD (RM-AAE001) (including BATTERY CASE LID) (DE998)	
	1-479-214-11	COMMANDER, STANDARD (RM-AAP002) (including BATTERY CASE LID) (AUS,SP,MY,KR,TW)	
	1-501-374-12	ANTENNA, LOOP (AM)	
	1-501-807-12	ANTENNA (FM) (AUS,SP,MY,KR,TW)	
⚠	1-569-008-22	ADAPTOR, CONVERSION 2P (E2)	
	1-793-184-23	CONNECTOR (F TYPE ADAPTOR) (FM) (US,CND,E2,AR)	
	2-580-791-11	MANUAL, INSTRUCTION (ENGLISH) (DE898:US,CND,E2,AR)	
	2-580-791-21	MANUAL, INSTRUCTION (FRENCH) (DE898:CND,E2)	
	2-580-791-31	MANUAL, INSTRUCTION (SPANISH) (E2,AR)	
	2-580-791-41	MANUAL, INSTRUCTION (ENGLISH) (AUS,SP,MY,TW)	
	2-580-791-51	MANUAL, INSTRUCTION (FRENCH) (SP,MY)	
	2-580-791-61	MANUAL, INSTRUCTION (SPANISH) (SP,MY)	
	2-580-791-71	MANUAL, INSTRUCTION (TRADITIONAL CHINESE) (SP,MY,TW)	
	2-580-791-81	MANUAL, INSTRUCTION (KOREAN) (KR)	
	2-580-804-11	MANUAL, INSTRUCTION (ENGLISH) (DE998)	
	2-580-804-21	MANUAL, INSTRUCTION (FRENCH) (DE998:CND)	

MEMO

REVISION HISTORY

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Ver.	Date	Description of Revision
1.0	2005. 04	New
1.1	2005. 07	Addition of the Korean and Taiwan model.