

HCD-DZ770W

SERVICE MANUAL



*E Model
Australian Model*

Ver. 1.0 2005.05



HCD-DZ770W is the amplifier, DVD/CD and tuner section in DAV-DZ770W.

This system incorporates with Dolby*¹ Digital and Dolby Pro Logic (II) adaptive matrix surround decoder and the DTS*² Digital Surround System.

*¹ Manufactured under license from Dolby Laboratories.
“Dolby,” “Pro Logic,” and the double-D symbol are trademarks of Dolby Laboratories.

*² Manufactured under license from Digital Theater Systems, Inc.
“DTS” and “DTS Digital Surround” are trademarks of Digital Theater Systems, Inc.

Model Name Using Similar Mechanism	HCD-DZ300
Mechanism Type	CDM85-DVBU102
Optical Pick-up Name	KHM-310CAA/C2NP

SPECIFICATIONS

Amplifier section

Stereo mode (rated)	55 W + 55 W (3 ohms at 1 kHz, DIN)
Surround mode (reference)	music power output Front: 120 W + 120 W (with SS-TS45) Center*: 120 W (with SS-CT45) Surround*: 120 W + 120 W (with SS-TS45B) Subwoofer*: 200 W (with SS-WS42)

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

Inputs (Analog) VIDEO, SAT	Sensitivity: VIDEO 250 mV/SAT 450 mV Impedance: 50 kilohms
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Input (Digital) SAT (Optical) AUDIO IN	Sensitivity: 250/150 mV Impedance: 50 kilohms Accepts low-and high-impedance headphones.
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Phones

Super Audio CD/DVD system

Laser	Semiconductor laser (Super Audio CD/DVD: λ = 650 nm) (CD: λ = 790 nm) Emission duration: continuous
Signal format system	NTSC/PAL
Frequency response (at 2 CH STEREO mode)	DVD (PCM): 2 Hz to 22 kHz (± 1.0 dB) CD: 2 Hz to 20 kHz (± 1.0 dB)
Harmonic distortion	Less than 0.03 %

Tuner section

System	PLL quartz-locked digital synthesizer system
FM tuner section	
Tuning range	87.5 – 108.0 MHz (50 kHz step)
Antenna (aerial)	FM wire antenna (aerial)
Antenna (aerial) terminals	75 ohms, unbalanced
Intermediate frequency	10.7 MHz

AM tuner section

Tuning range	
Middle Eastern models:	531 – 1,602 kHz (with the interval set at 9 kHz)
Other models:	531 – 1,602 kHz (with the interval set at 9 kHz) 530 – 1,710 kHz (with the interval set at 10 kHz)
Antenna (aerial)	AM loop antenna (aerial)
Intermediate frequency	450 kHz

Video section

Outputs	Video: 1 Vp-p 75 ohms S video: Y: 1 Vp-p 75 ohms C: 0.286 Vp-p 75 ohms COMPONENT: Y: 1 Vp-p 75 ohms Pb/Cb, Pr/Cr: 0.7 Vp-p 75 ohms VIDEO, SAT: 1 Vp-p 75 ohms
Input	

— Continued on next page —

SUPER AUDIO CD/DVD RECEIVER

9-879-747-01
2005E1678-1
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Sony Corporation
Audio Group
Published by Sony Engineering Corporation

SONY®

HCD-DZ770W

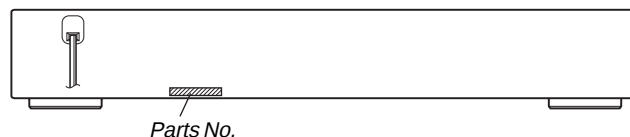
General

Power requirements	220 – 240 V AC, 50/60 Hz
Power consumption	On: 130 W
	Standby: 0.3 W (at the Power Saving mode)
Dimensions (approx.)	430 × 70 × 295 mm (w/h/d) incl. projecting parts
Mass (approx.)	3.6 kg

Design and specifications are subject to change without notice.

MODEL IDENTIFICATION

– Rear Panel –

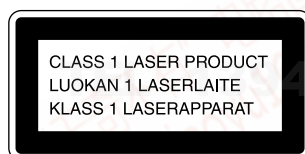


Model	Part No.
E3 model	2-588-157-2□
SP model	2-588-157-3□
KR model	2-588-157-4□
AUS model	2-588-157-5□

• Abbreviation

AUS	: Australian model
E3	: 240V AC area in E model
KR	: Korean model
SP	: Singapore model

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.



This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.

(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size)



: LEAD FREE MARK

Unleaded solder has the following characteristics.

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

SAFETY-RELATED COMPONENT WARNING!!

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

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SECTION 1 SERVICING NOTE

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body. During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.

The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

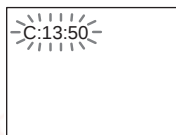
LASER DIODE AND FOCUS SEARCH OPERATION CHECK

Carry out the "S curve check" in "CD section adjustment" and check that the S curve waveform is output several times.

Self-diagnosis Function

(When letters/numbers appear in the display)

When the self-diagnosis function is activated to prevent the system from malfunctioning, a 5-character service number (e.g., C 13 50) with a combination of a letter and 4 digits appears on the screen and the front panel display. In this case, check the following table.



First 3 characters of the service number	Cause and/or corrective action
C 13	The disc is dirty. ➔Clean the disc with a soft cloth
C 31	The disc is not inserted correctly. ➔Restart the system, then re-insert the disc correctly.
E XX (xx is a number)	To prevent a malfunction, the system has performed the self-diagnosis function. ➔Contact your nearest Sony dealer or local authorized Sony service facility and give the 5-character service number. Example: E 61 10

DISC SLOT LOCK

The disc slot lock function for the antitheft of an demonstration disc in the store is equipped.

Setting Procedure :

1. Press the button to turn the set on.
2. Press the button to set DVD function.
3. Insert a disc.
4. Press the stick and the button simultaneously for five seconds.
5. The message "LOCKED" is displayed and the slot is locked.

Releasing Procedure :

1. Press the stick and the button simultaneously for five seconds again.
2. The message "UNLOCKED" is displayed and the slot is unlocked.

Note: When "LOCKED" is displayed, the slot lock is not released by turning power on/off with the button.

Note 1: Regarding the notification symbol "R"
Because the number of the operating buttons of this product are limited, some operations require use of the operating buttons of the remote commander. When a specific operation requires use of the operating buttons of the remote commander, "R" is added to the specific operating procedure in this manual.
Example[MENU/NO "R"] The button of remote commander.

Note 2: Incorrect operations may be performed if the test mode is not entered properly.
In this case, press the button to turn the power off, and retry to enter the test mode.

Note 3: If the disc tray does not open and the message "LOCKED" appears, press the stick and the button simultaneously for seconds or longer.
Then remove your fingers from the above stick and the button. The message "UNLOCKED" appears for 2 seconds and the disc tray opens.

• SERVICE POSITION (DMB10 BOARD)

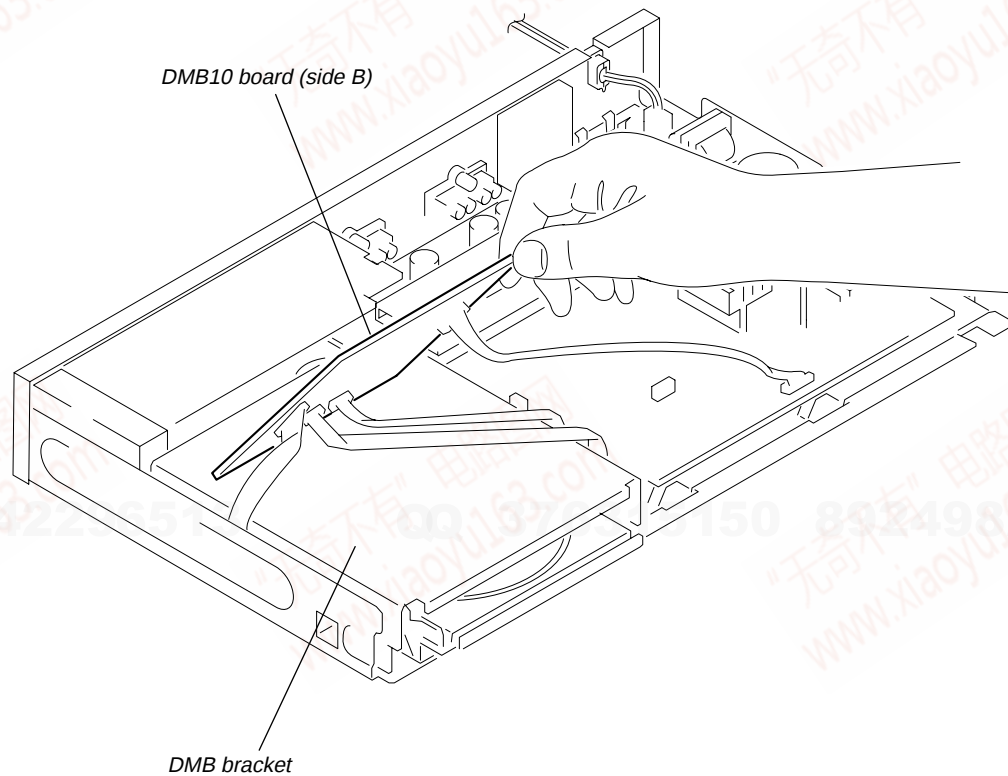
When servicing side B of the DMB10 board

Remove the DMB10 board from bracket.

(Refer to DISASSEMBLY 3-7. (page 12)).

Set the DMB10 board facing the side B upward as shown.

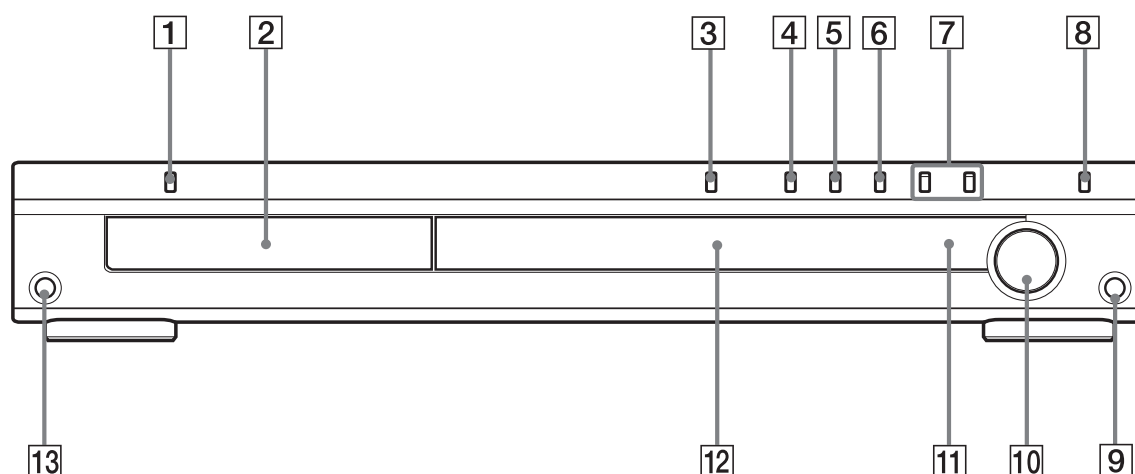
Connect the cable and make the repair work.



SECTION 2 GENERAL

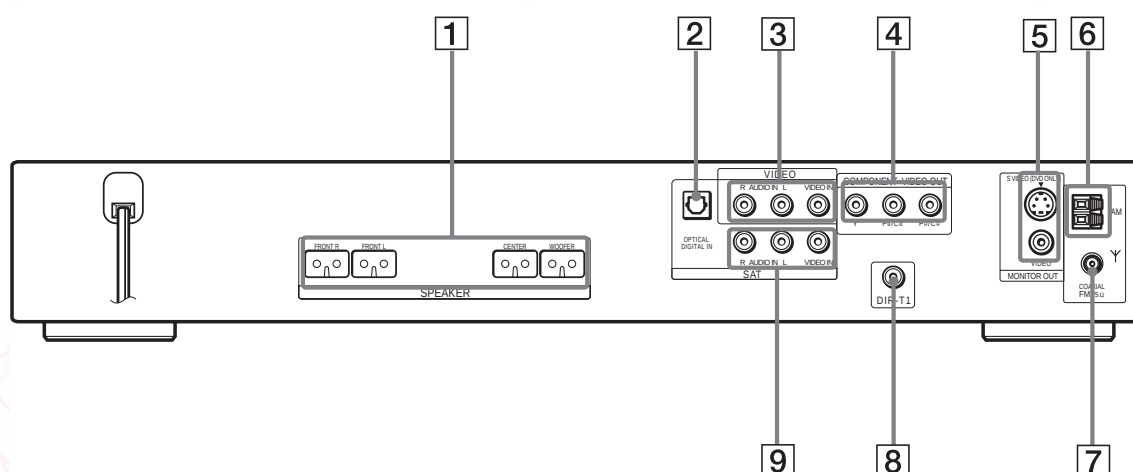
This section is extracted
from instruction manual.

Front panel



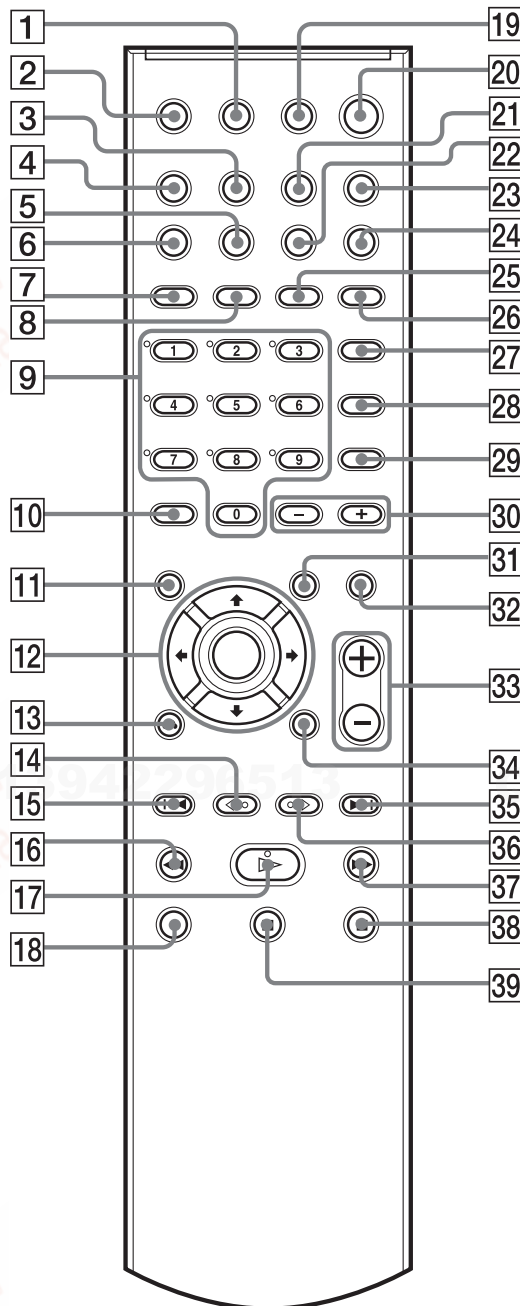
- | | |
|--|-------------------------------------|
| 1 I/⏻ (on/standby) (33, 40, 82) | 8 FUNCTION (40) |
| 2 Disc tray (40) | 9 PHONES jack (40) |
| 3 ⏮ (open/close) (40, 82) | 10 VOLUME (40) |
| 4 ▶ (play) (40) | 11 Ⓜ (remote sensor) (13) |
| 5 ⏸ (pause) (40) | 12 Front panel display (102) |
| 6 ■ (stop) (40, 82) | 13 AUDIO IN jack |
| 7 ⏮/⏭ (40) | |

Rear panel



- | | |
|---|--|
| 1 SPEAKER jacks (15) | 6 AM terminal (25) |
| 2 SAT OPTICAL DIGITAL IN jack (31) | 7 FM 75Ω COAXIAL jack (25) |
| 3 VIDEO VIDEO/AUDIO IN jacks (28, 31) | 8 DIR-T1 jack (15) |
| 4 COMPONENT VIDEO OUT jacks (26) | 9 SAT VIDEO/AUDIO IN jacks (28, 31) |
| 5 MONITOR OUT (VIDEO / S VIDEO) jacks (26) | |

Remote



- 1 TV I/⏻ (on/standby) (75)
- 2 TV/VIDEO (75)
- 3 TUNER MENU (79)
- 4 SLEEP (81)
- 5 SA-CD/CD (45)
- 6 PROGRESSIVE (27)
- 7 REPEAT/FM MODE (43, 79)
- 8 MULTI/2CH (45)
- 9 Number buttons (44, 71, 75)

The number 5 button has a tactile dot.*

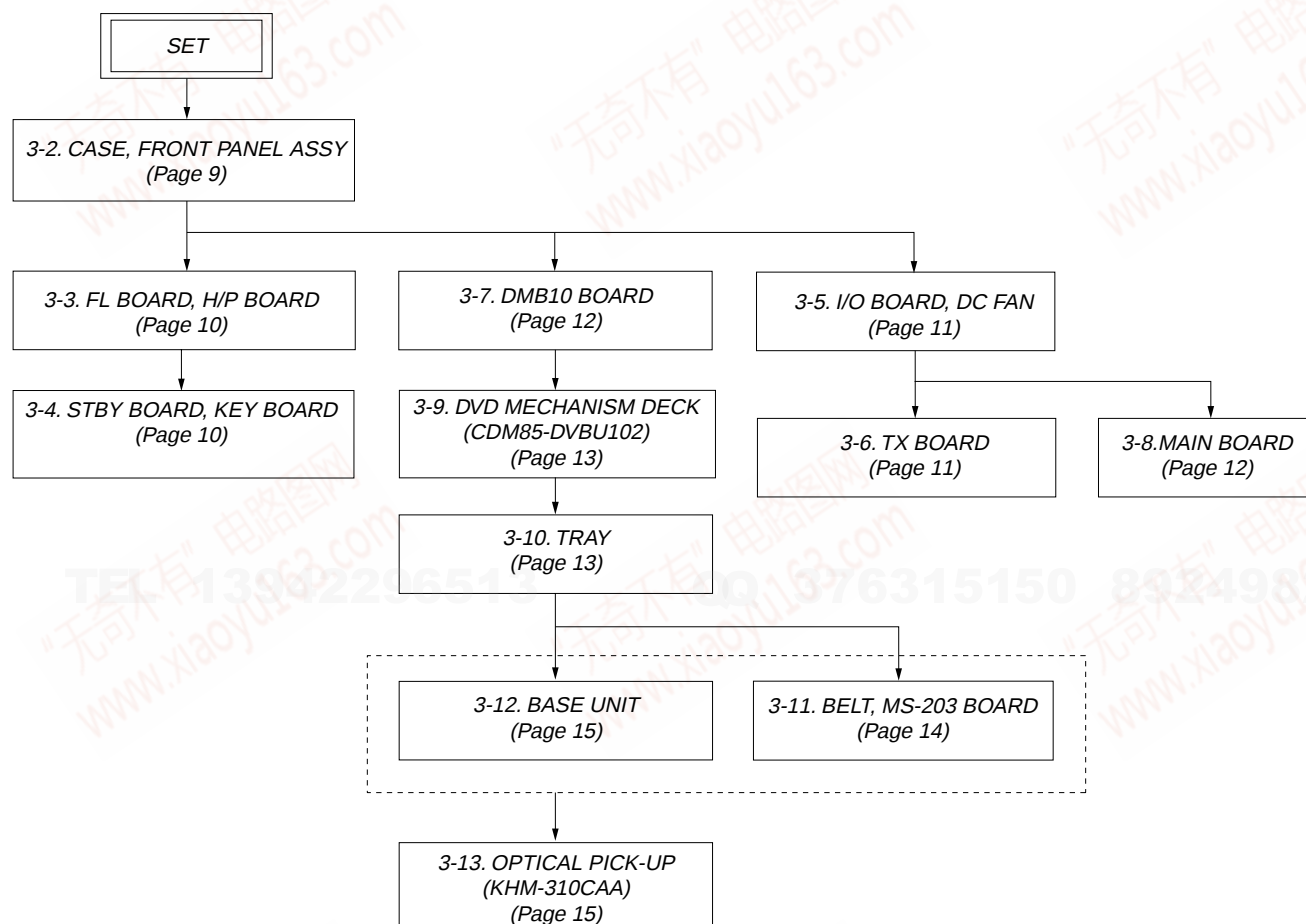
- 10 CLEAR, -/-- (36, 42, 75, 76)
- 11 TOP MENU (44)
- 12 ⏮/⏪/⏩/⏭/ENTER (33, 42, 66, 71, 77, 81, 83)
- 13 ⏮ RETURN (46)
- 14 ⏮/⏪ REPLAY, STEP (40)
- 15 ⏮ PRESET -, TV CH - (36, 40, 75, 79)
- 16 ⏮/⏪ SLOW, TUNING - (56, 79)
- 17 ▷ (play) (40)
The ▷ button has a tactile dot.*
- 18 TV (75)
- 19 THEATRE SYNC (76)
- 20 I/⏻ (on/standby) (33, 40, 79)
- 21 AMP MENU (33, 77, 81)
- 22 DSGX (69)
- 23 FUNCTION (27, 40, 68, 77)
- 24 SOUND FIELD (66)
- 25 DISPLAY (79)
- 26 PICTURE NAVI (50)
- 27 AUDIO (64)
- 28 SUBTITLE (70)
- 29 ANGLE (70)
- 30 ALBUM -/+ (40, 76)
- 31 MENU (44)
- 32 MUTING (40)
- 33 VOLUME, TV VOL +/- (40, 75, 79)
The VOLUME, TV VOL + button has a tactile dot.*
- 34 ☐ DISPLAY (10, 36, 42, 71, 83)
- 35 ⏭/⏩ PRESET +, TV CH + (36, 40, 75, 79)
- 36 ⏭/⏩ ADVANCE, STEP (40)
- 37 ⏭/⏩ SLOW, TUNING + (56, 79)
- 38 ■ (stop) (40, 71, 79)
- 39 || (pause) (40)

* Use the tactile dot as a reference when operating the system.

SECTION 3 DISASSEMBLY

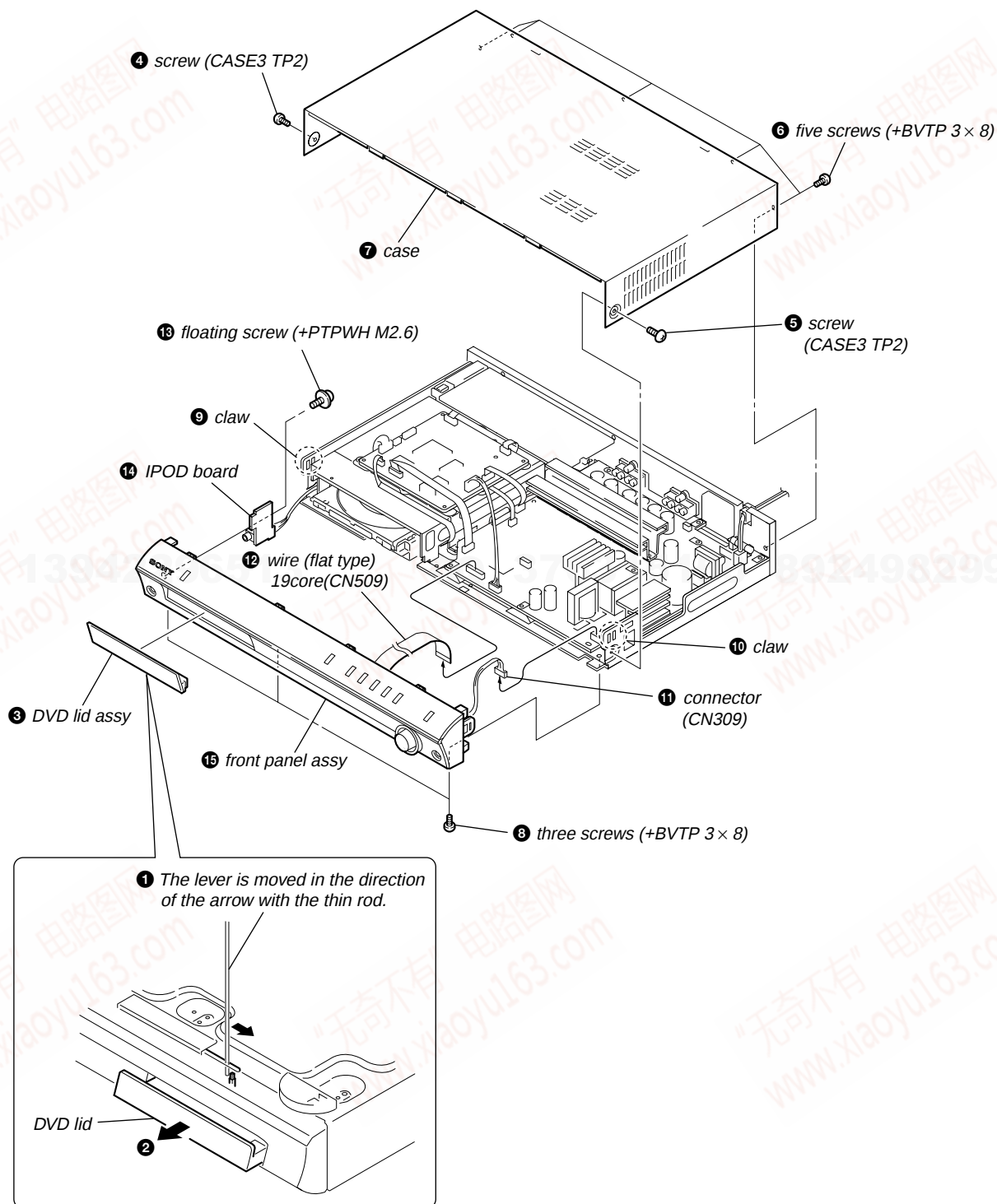
3-1. DISASSEMBLY FLOW

- This set can be disassembled in the order shown below.
- The dotted square with arrow () prompts you to move to the next job when all of the works within the dotted square () are completed.

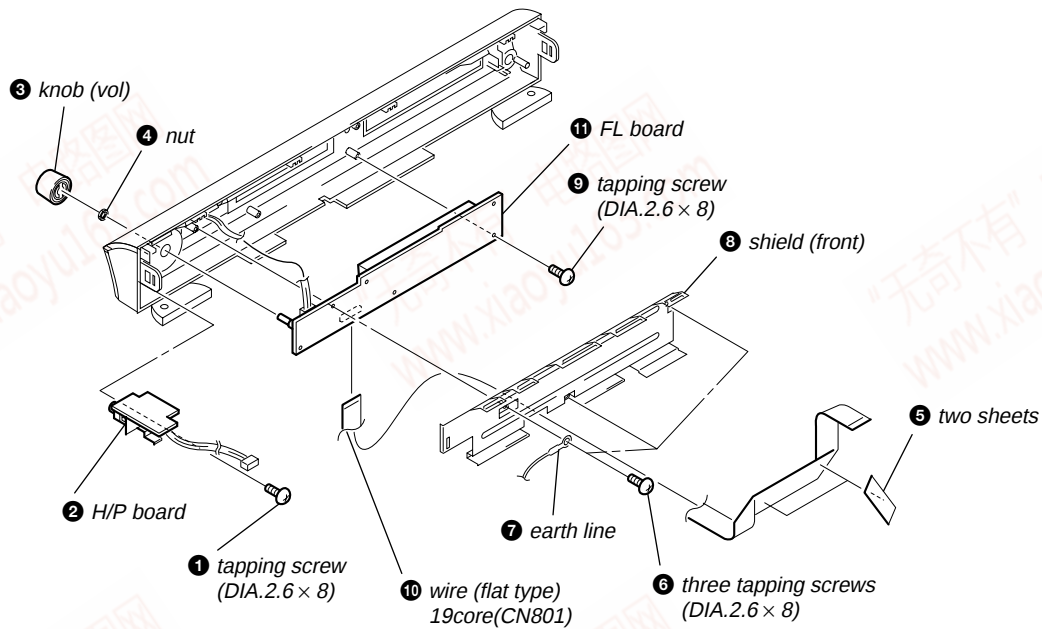


Note: Follow the disassembly procedure in the numerical order given.

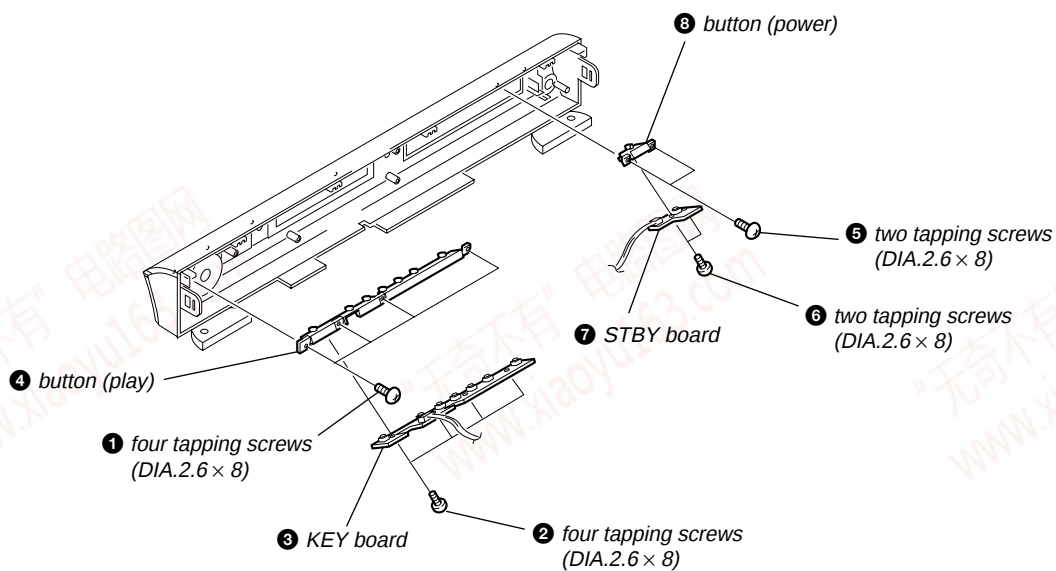
3-2. CASE, FRONT PANEL ASSY



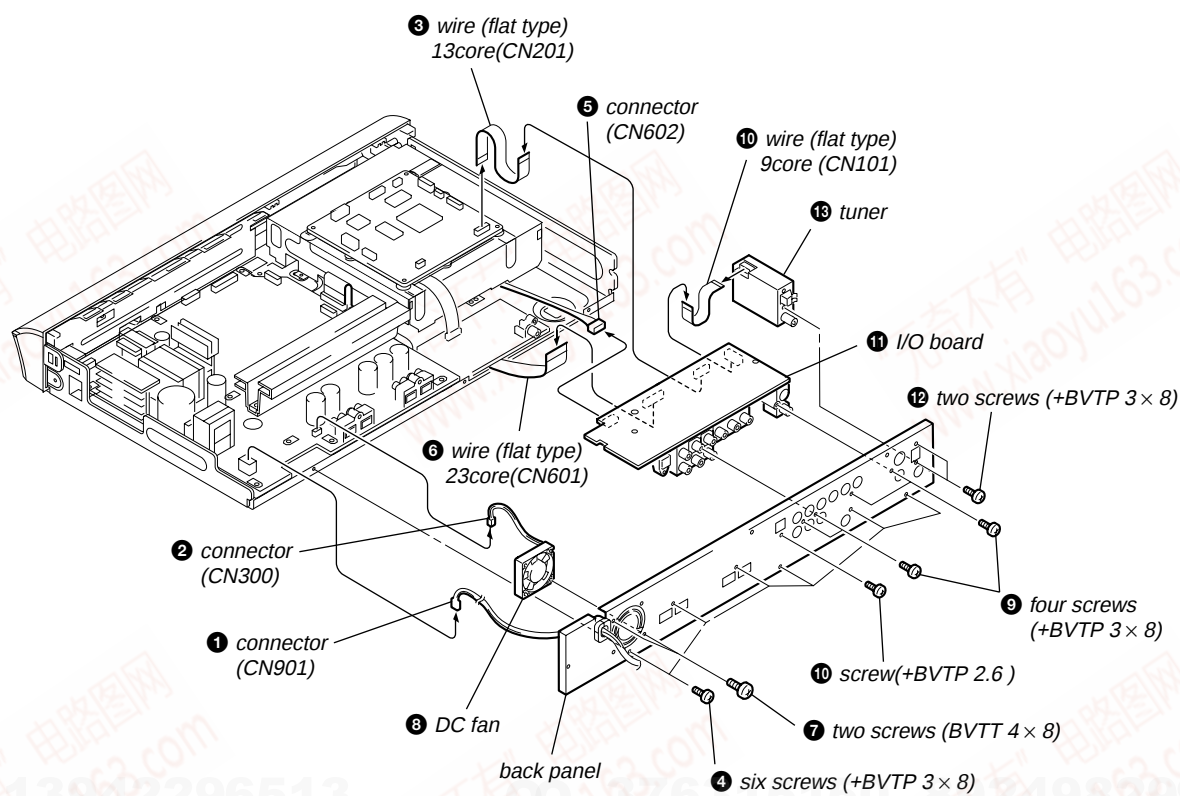
3-3. FL BOARD, H/P BOARD



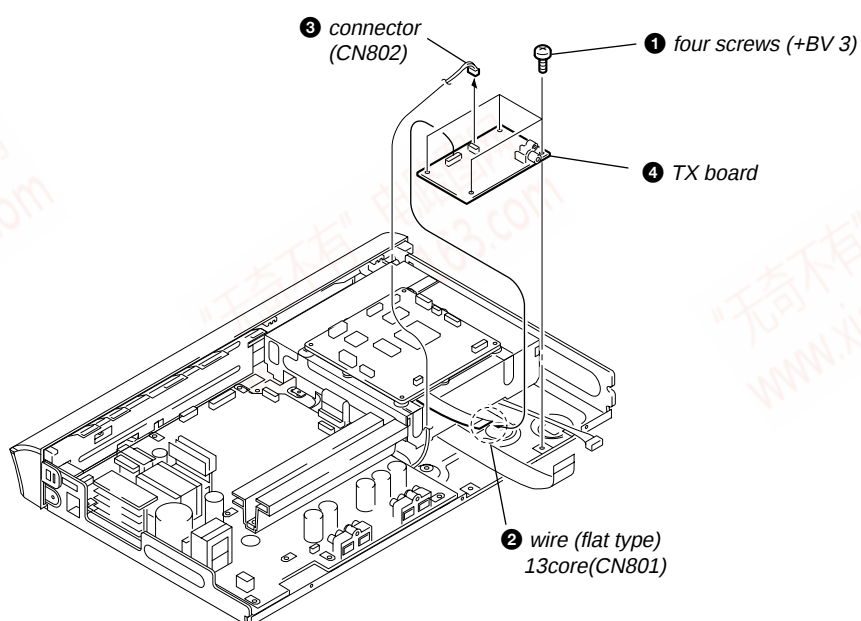
3-4. STBY BOARD, KEY BOARD



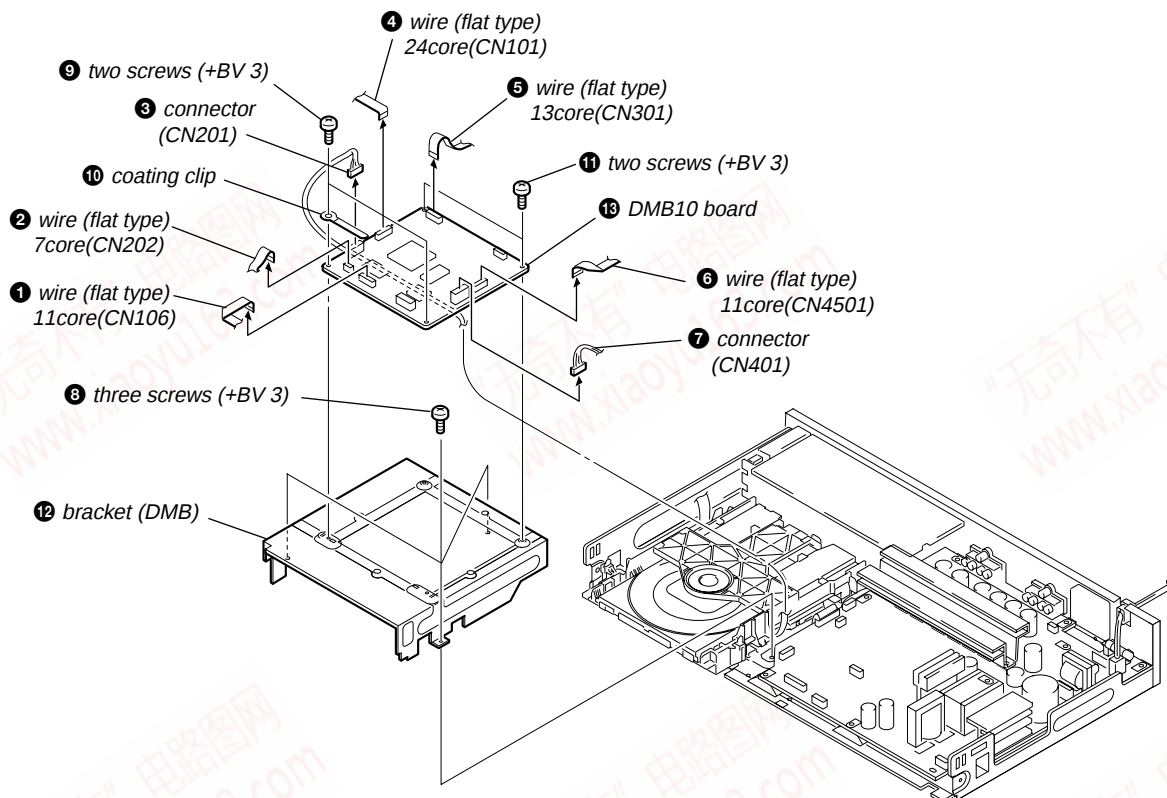
3-5. I/O BOARD, DC FAN



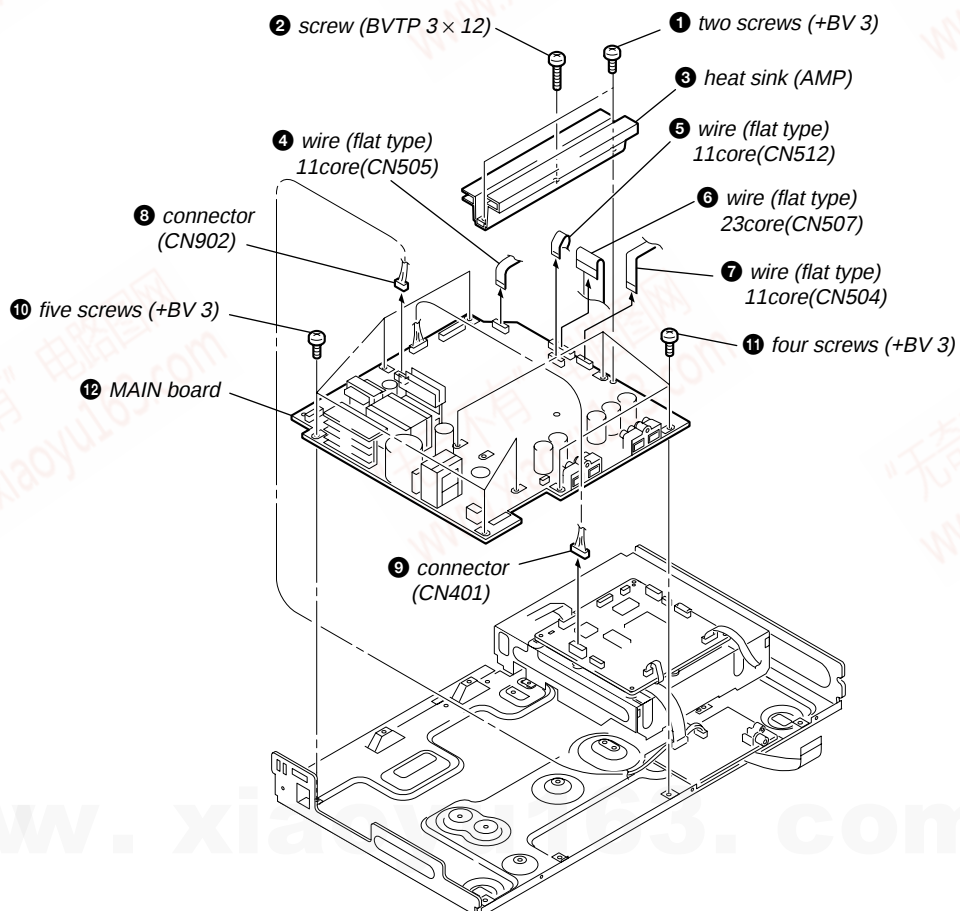
3-6. TX BOARD



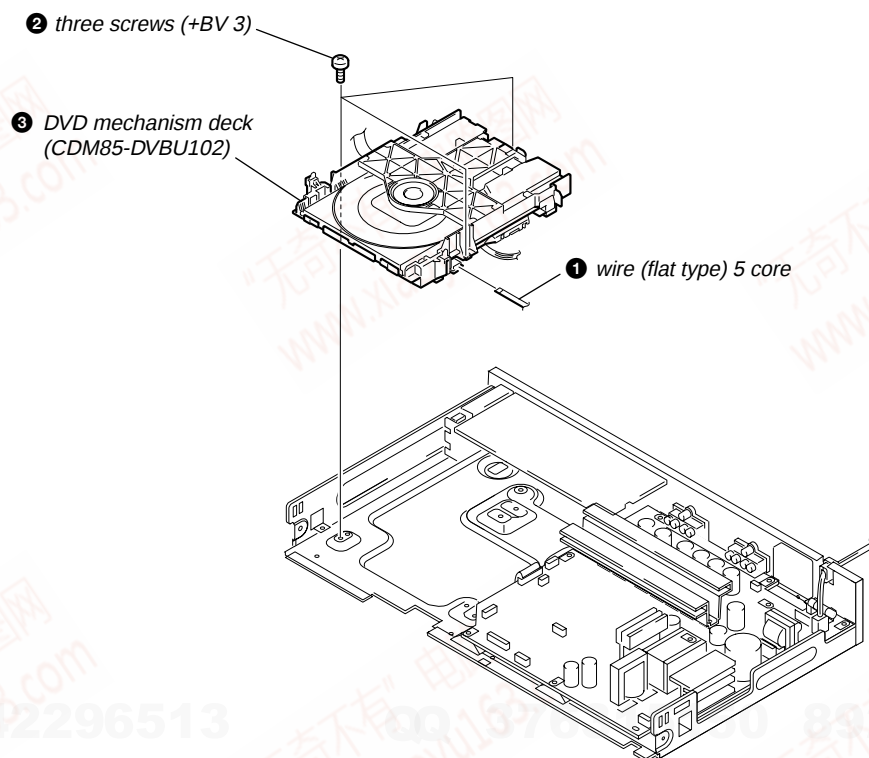
3-7. DMB10 BOARD



3-8. MAIN BOARD

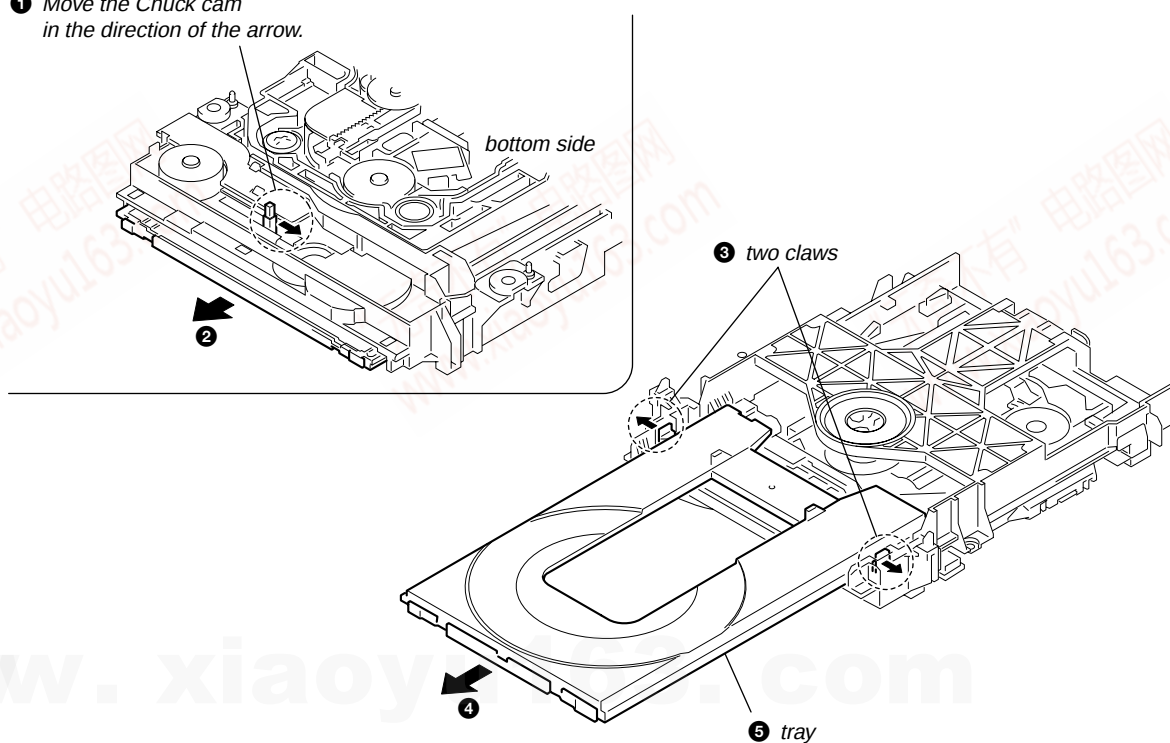


3-9. DVD MECHANISM DECK (CDM85-DVBU102)



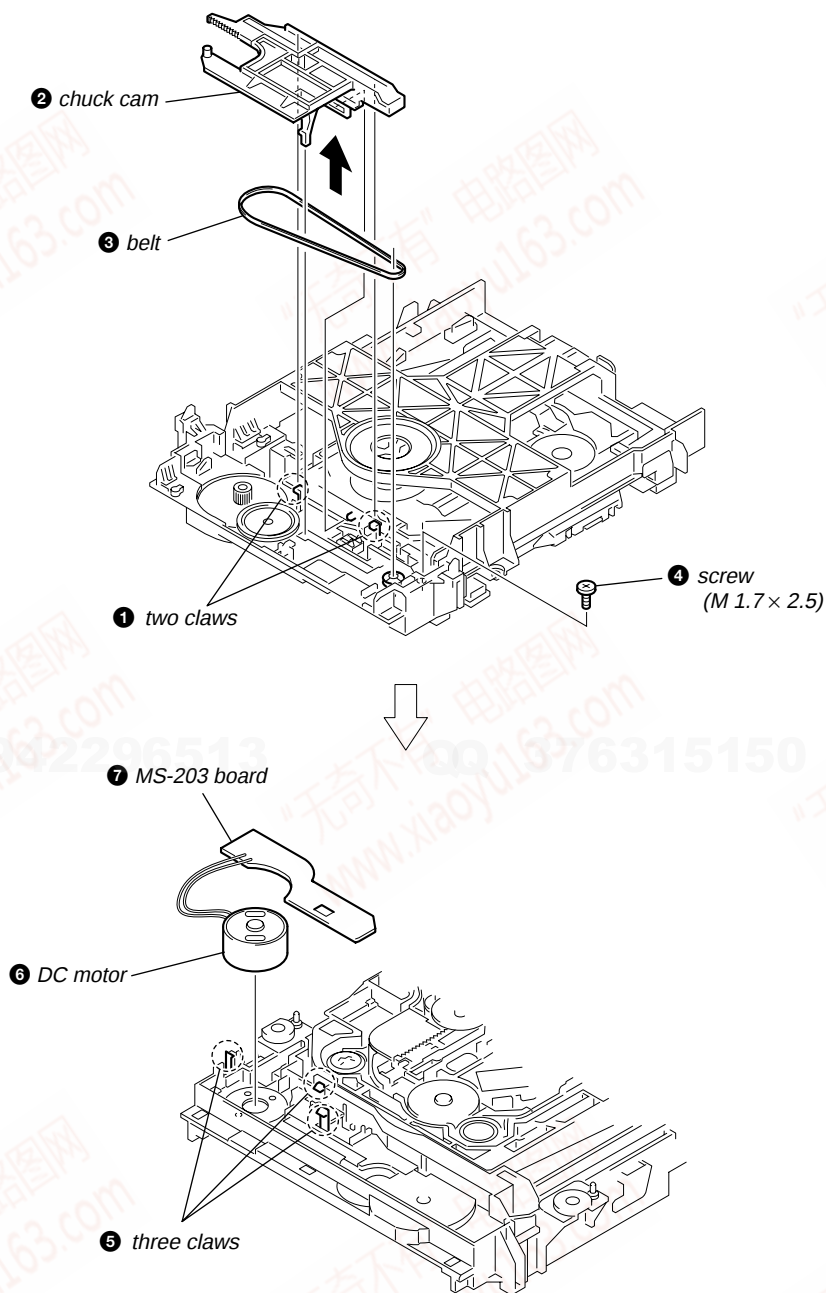
3-10. TRAY

- ① Move the Chuck cam in the direction of the arrow.

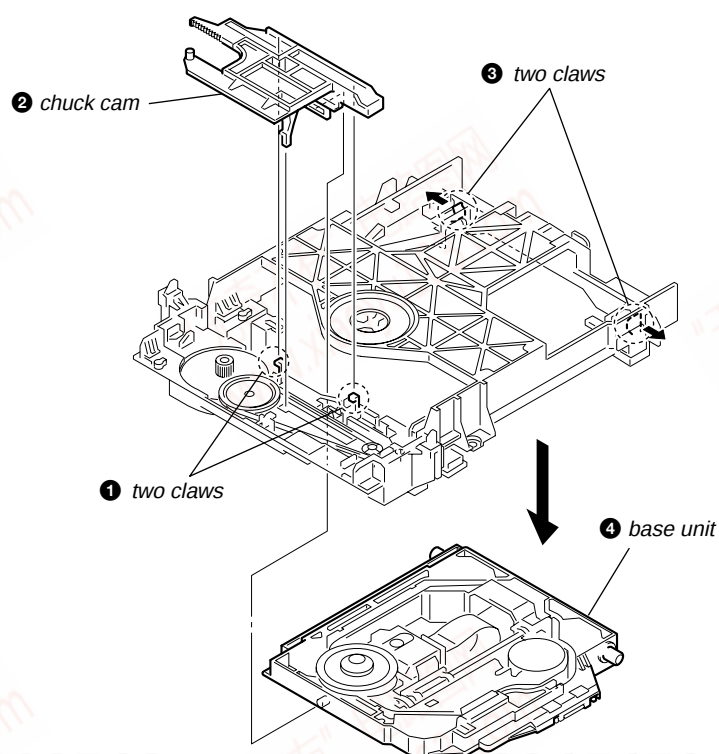


HCD-DZ770W

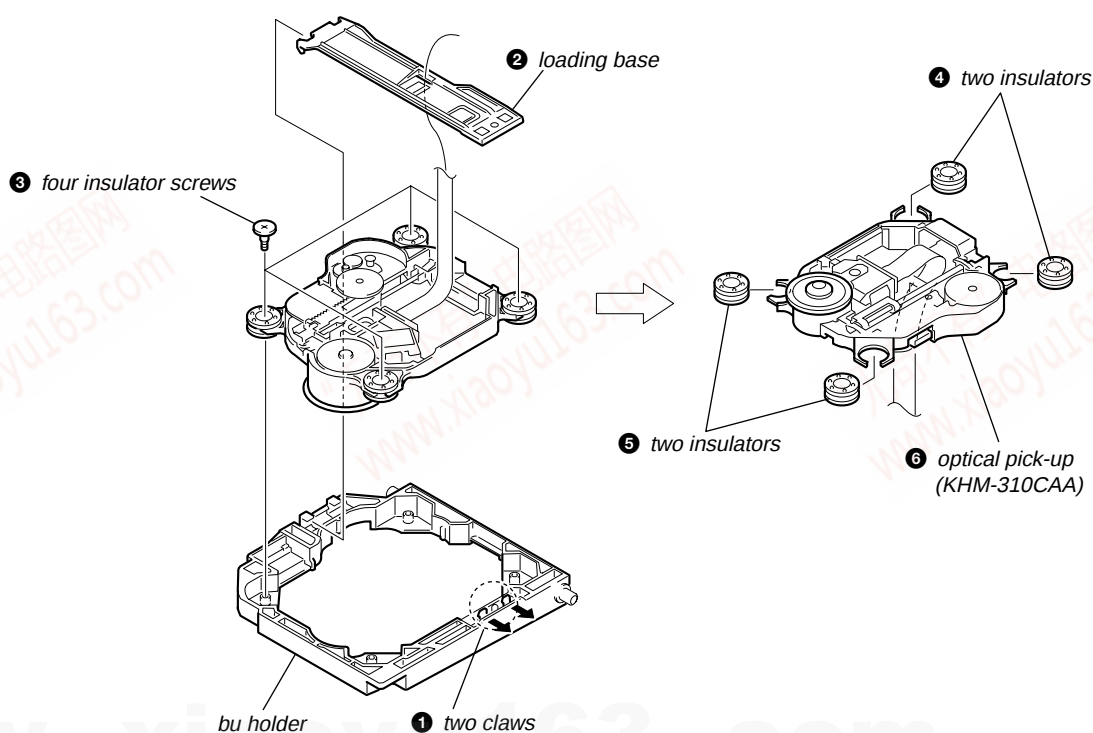
3-11. BELT, MS-203 BOARD



3-12. BASE UNIT



3-13. OPTICAL PICK-UP (KHM-310CAA)



SECTION 4 TEST MODE

Note 1: Regarding the notification symbol “R”
Because the number of the operating buttons of this product are limited, some operations require use of the operating buttons of the remote commander. When a specific operation requires use of the operating buttons of the remote commander, “R” is added to the specific operating procedure in this manual. Example **MENU/NO “R”** The **MENU/NO** button of remote commander.

Note 2: Incorrect operations may be performed if the test mode is not entered properly.
In this case, press the **I/O** button to turn the power off, and retry to enter the test mode.

1. Cold Reset

- The cold reset clears all data including preset data stored in the RAM to initial conditions. Execute this mode when returning the set to the customers.

Procedure:

- Press the **I/O** button to turn the power on.
- Press three buttons **■**, **△** and **I/O** simultaneously.
- When this button is operated, display as “COLD RESET” for a while and all of the settings are reset.

2. Panel Test Mode

- This mode is used to check the software version, LCD, LED and keyboard.

2-1. DVD LED Test Mode

Procedure:

- Press the **I/O** button to turn on the power.
- Press three buttons **■**, **◀** and **△** simultaneously.
- When the display LED test mode is activated, all segments are turned on.
- To exit from this mode, pull out the AC plug.

2-2. Version Test Mode

Procedure:

- When the panel test mode is activated, press the **◀** button and the message “DS6W***” is displayed, the version test mode is activated.
- Whenever press the **◀** button, the version is displayed in order of CC2, MC, SYS, UI, DVD, TA, TM and DS6W.
- Press the **▶** button and the date of the software production is displayed.
- Press the **▶** button again and the version is displayed.
- To exit from this mode, pull out the AC plug.

2-3. Key Test Mode

Procedure:

- When the panel test mode is activated, press the **▷** button, to select the key test mode.
- To enter the KEY test mode, the fluorescent indicator displays “K0 VO”. Each time a button is pressed, “KEY” value increases. However, once a button is pressed, it is no longer taken into account. When all keys are pressed correctly, “K8 VO” is displayed.
- To exit from this mode, pull out the AC plug.

3. Disc Tray Lock

The disc tray lock function for the antitheft of an demonstration disc in the store is equipped.

Setting Procedure :

- Press the **I/O** button to turn the set on.
- Press the **FUNCTION** button to set DVD function.
- Insert a disc.
- Press the **■** button and the **△** button simultaneously for five seconds.
- The message “LOCKED” is displayed and the tray is locked.

Releasing Procedure :

- Press the **■** button and the **△** button simultaneously for five seconds. again.
- The message “UNLOCKED” is displayed and the tray is unlocked.

Note: When “LOCKED” is displayed, the slot lock is not released by turning power on/off with the **I/O** button.

4. DVD Ship Mode

- Use this mode when returning the set to the customer after repair.

Procedure:

- Press the **I/O** button to turn the set on.
- Press the **FUNCTION** button to set the function “DVD”.
- Press three buttons **■**, **△** and **I/O** simultaneously.
- After a message “MECHA LOCK” is displayed on the fluorescent indicator tube, pull out the AC plug.
- To exit from this mode, press the **I/O** button to turn the set on.

5. DVD Debug In Mode

Procedure:

- Press the **I/O** button to turn the set on.
- Press the **FUNCTION** button to set the function “DVD”.
- Press the three buttons **◀**, **△** and **▶** simultaneously.
- To exit from this mode, press the **I/O** button to turn the set on.

6. AM Step Change

- A step of AM channels can be changed over between 9 kHz and 10 kHz.

Procedure:

- Press **I/O** button to turn the set ON.
- Select the function “TUNER”, and press **FUNCTION** button to select the BAND “AM”.
- Press **I/O** button to turn the set OFF.
- Press **▶** and **I/O** buttons simultaneously, and the display of fluorescent indicator tube changes to “AM 9 k STEP” or “AM 10 k STEP”, and thus the channel step is changed over.

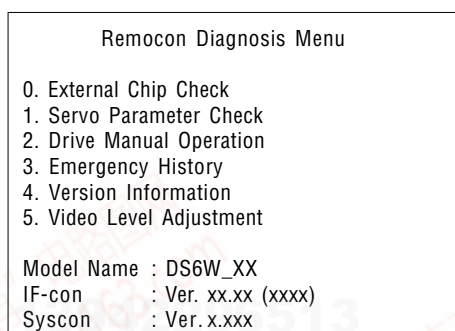
DVD SECTION**4-1. GENERAL DESCRIPTION**

The Mirror Time and IOP measurement allows you to make diagnosis and adjustment simply by using the remote commander and monitor TV. The instructions, diagnosis results, etc. are given on the on screen display (OSD).

The Mirror Time and IOP measurement is required in such events where servicing a DVD-Player includes changing the Base Unit (BU). For each new BU to be used with a certain MV-044 board, Mirror Time and IOP measurement need to be carried out.

4-2. STARTING TEST MODE

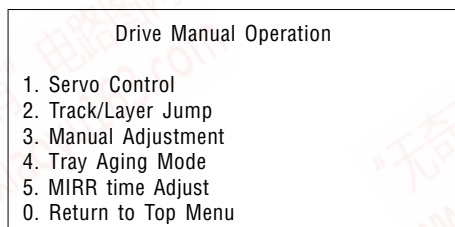
Press three buttons ,  and **VOLUME +** simultaneously with the DVD player in standby mode. The Test Mode starts, then the menu shown below will be displayed on the TV screen.



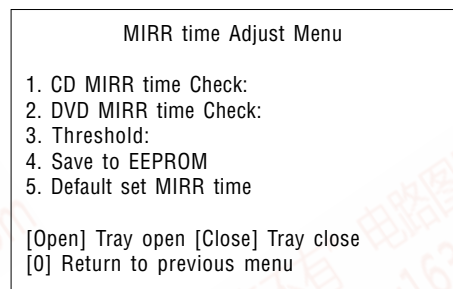
The menu above is the Remocon Diagnosis Menu screen which consists of six main function. At the bottom of the menu screen, the model name and IF-con version. To enter Mirror Time Adjustment menu, press button **[2 "R"]** on the remote commander to enter Drive Manual Operation menu. To exit from the Test Mode, press the power button on the remote commander.

4-3. DRIVE MANUAL OPERATION

The Drive Manual Operation menu consists of five main function. By pressing **[2 "R"]** button on the remote commander in the Remocon Diagnosis Menu, the screen will appear as below.

**4-4. MIRROR TIME ADJUSTMENT**

To enter Mirror Time Adjustment, press **[5 "R"]** button on the remote commander. The screen will appear as below.



There are five main commands in the MIRR time Adjust menu as shown in the figure above. The functions of each command are described in the following page.

1. CD MIRR time Check

This command checks the Mirror time value for CD disc.

2. DVD MIRR time Check

This command checks the Mirror time value for DVD disc.

3. Threshold

This command displays the threshold value between CD and DVD mirror time.

4. Save to EEPROM

This command saves an adjusted mirror time value to the EEPROM.

5. Default set MIRR time

This command will set CD and DVD mirror time to firmware default value.

[Open] / [Close]

Pressing the  button controls the tray for disc change during mirror time adjustment.

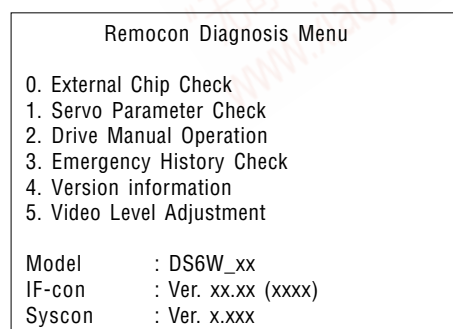
[0] Return to previous menu

Press **[0 "R"]** button to return to previous menu.

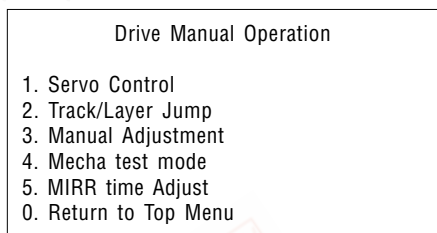
4-4-1. EXECUTING MIRROR TIME ADJUSTMENT

In order to execute mirror time adjustment, the following standard procedures must be followed.

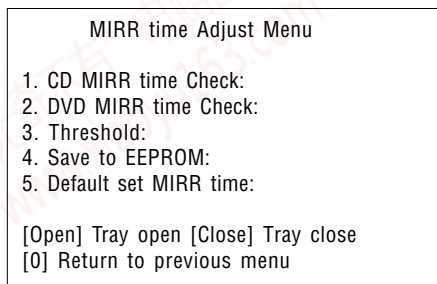
- (1) In standby mode, press three buttons ,  and **VOLUME +** simultaneously.
- (2) Select "2. Drive Manual Operation".



(3) Select “5. MIRR time Adjust”.

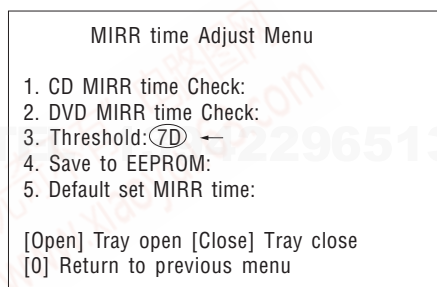


(4) Select “5. Default set MIRR time”.



(5) Select “3. Threshold”.

(6) Confirm the number. If it is 7D, go to next step. If it is any other value, return to step 4.



(7) Push button to eject tray.

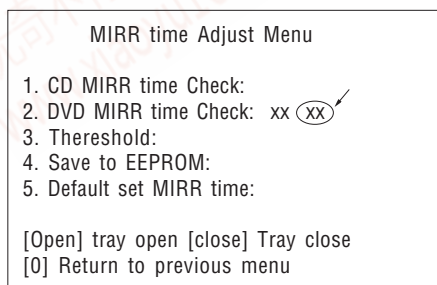
(8) Insert Test Disc HLX-504 into tray.

(9) Push button to close tray.

(10) Push “2. DVD MIRR time Check”.

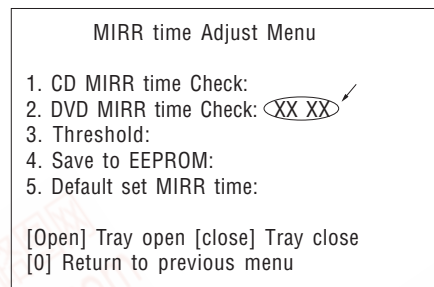
(11) Wait for HEX number to display.

(12) Confirm the number, if XX is 28 ~ 70, proceed with next step. If no, return to 8.



(13) Push “4. Save to EEPROM”.

(14) Confirm the same values are displayed. If it is not same, return to step 7.



(15) Push button to eject tray.

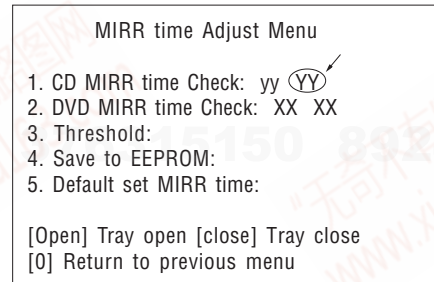
(16) Take out HLX-504 and insert Test Disc YEDS-18 into tray.

(17) Push button to close tray.

(18) Push “1. CD MIRR time check”.

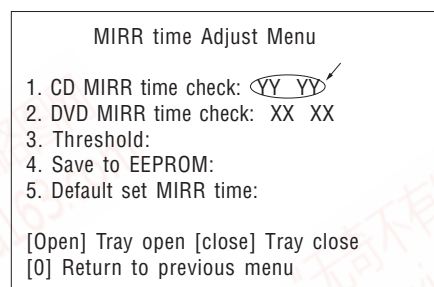
(19) Wait for HEX number to display.

(20) Confirm the number, if YY is 5A ~ E8, proceed with next step. If no, return to 15.



(21) Push “4. Save to EEPROM”.

(22) Confirm the same values are displayed. If it is not the same, return to step 15.



(23) Push button to eject tray.

(24) Remove Test Disc YEDS-18 from tray.

(25) Push button to close tray.

(26) Press button to the Drive Manual Operation menu.

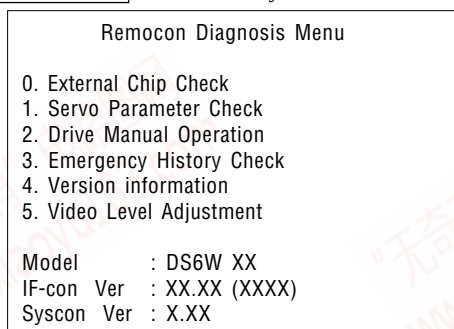
(27) Press button to return to the Remocon Diagnosis Menu.

(28) Press the button to switch OFF set.

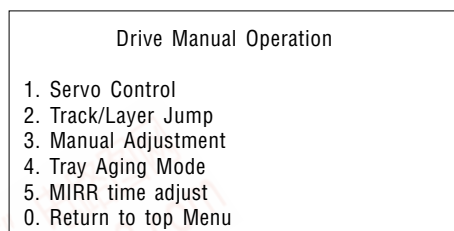
4-5. EXECUTING IOP MEASUREMENT

In order to execute mirror time adjustment, the following standard procedures must be followed.

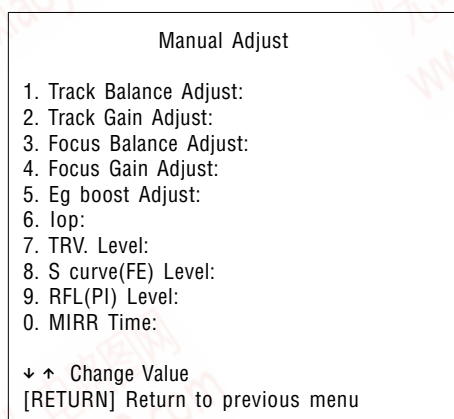
- (1) In standby mode, press three buttons  ,  and **VOLUME +** simultaneously.



- (2) Select “2. Drive Manual Operation” by pressing the **[2 “R”]** button on the remote commander. The screen will appear as below.

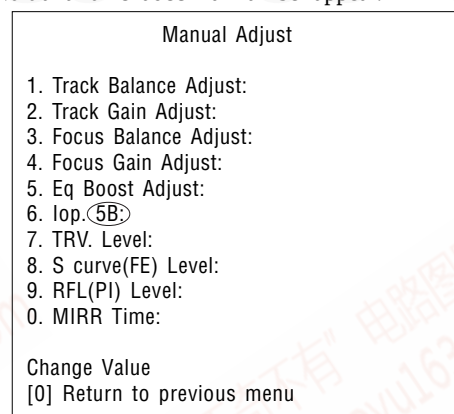


- (3) Select “3. Manual Adjustment” by pressing the **[3 “R”]** button on the remote commander. The screen will appear as below.



- (4) Select Iop by pressing **[6 “R”]** button on the remote commander.

- (5) Wait until a hexadecimal number appear.



- (6) Convert each data from hexadecimal to decimal using conversion table.

- (7) Subtract between these two values.

- (8) If the remainder is smaller than 93 (decimal), then it is OK. However if the value is higher than 93, then the BU is defective and need to be change.

- (9) Press **[RETURN “R”]** button to return back to previous menu.

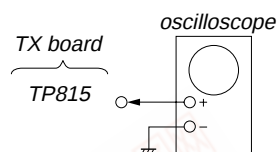
- (10) Press **[0 “R”]** button to return to Top Menu and power OFF the DVD Player.

SECTION 5 ELECTRICAL ADJUSTMENT

DIAT SIGNAL RF LEVEL ADJUSTMENT

This adjustment is performed in order to adjust the transmission distance of RF signal for DIAT communication.

Connection:

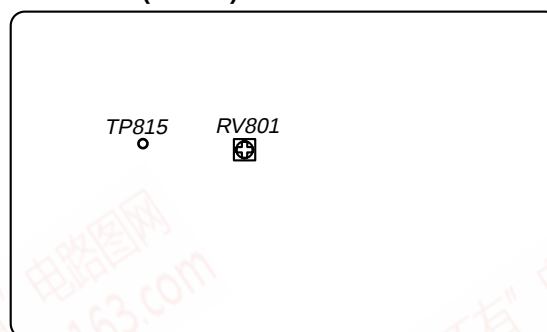


Procedure:

1. Connect the oscilloscope to TP815 and GND on the TX board.
2. Connect DIR-T1 to **DIR-T1** jack (J801).
3. Adjust RV801 on the TX board so that the center of waveform becomes 1.0 Vp-p.
4. Confirm trigger is locked.
5. Adjust RV801 on the TX board so that the center of waveform becomes 2.2 to 2.4 Vp-p.

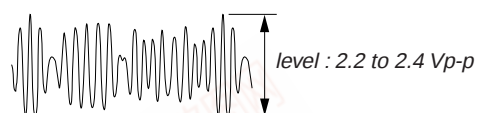
Adjustment Location:

– TX Board (SIDE A) –



RF Signal Reference Waveform

VOLT/DIV : 500 mV
TIME/DIV : 500 ns



SECTION 6
DIAGRAMS

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

For Schematic Diagrams.

- Note:**
- All capacitors are in μF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.
 - $\triangle$: internal component.
 - $\square$: panel designation.

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

☆ IC103 is a written in and settled EEPROM. Supply with a single article has not been carried out. In case you exchange by DMB10 board, please put on IC103 currently used with the model again.

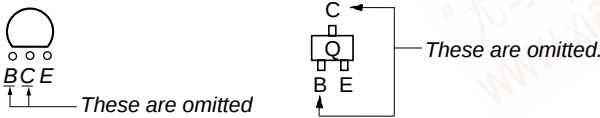
- — : B+ Line.
- --- : B- Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- Voltages and waveforms are dc with respect to ground in service mode.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- * : Impossible to measure
- no mark : DVD STOP
- Voltages are taken with VOM (Input impedance 10 M Ω).
- Circled numbers refer to waveforms.
- Signal path.
 -  : AUDIO
 -  : CD PLAY
 -  : DVD PLAY
 -  : SACD PLAY
 -  : TUNER
 -  : VIDEO
 -  : Y
 -  : COMPONENT VIDEO
 -  : AUDIO IN
 -  : DIGITAL IN (OPTICAL IN)
- Abbreviation
 - AUS : Australian model
 - E3 : 240V AC area in E model
 - KR : Korean model
 - SP : Singapore model

For Printed Wiring Boards.

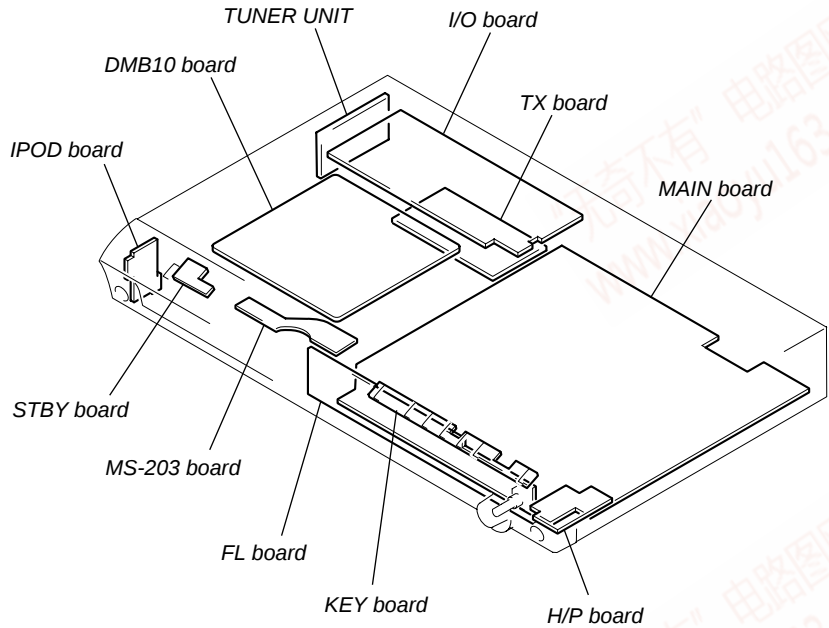
- Note:**
-  : parts extracted from the component side.
 -  : Through hole.
 -  : Pattern from the side which enables seeing. (The other layers' patterns are not indicated.)

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

- Indication of transistor.

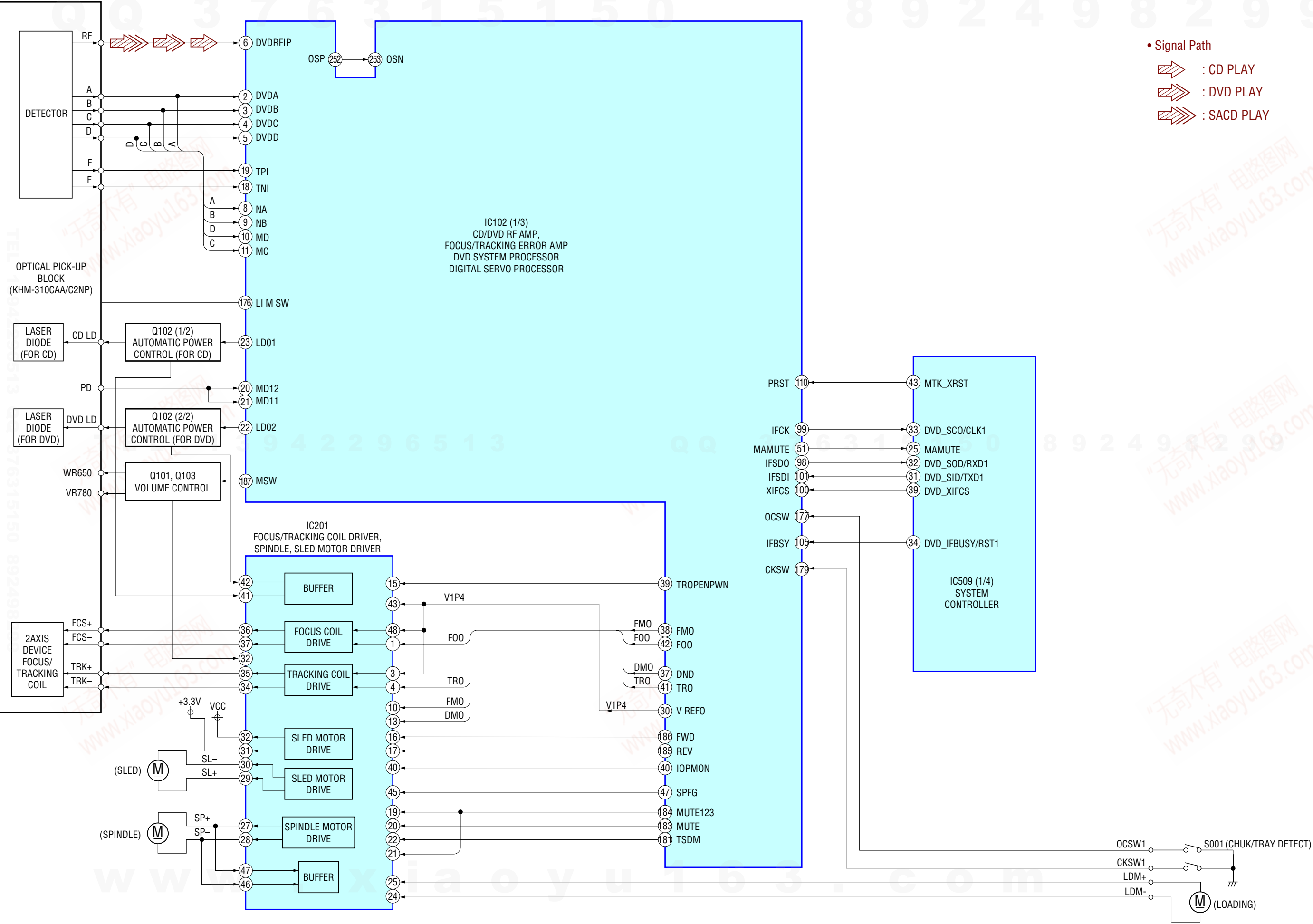


• Circuit Boards Location

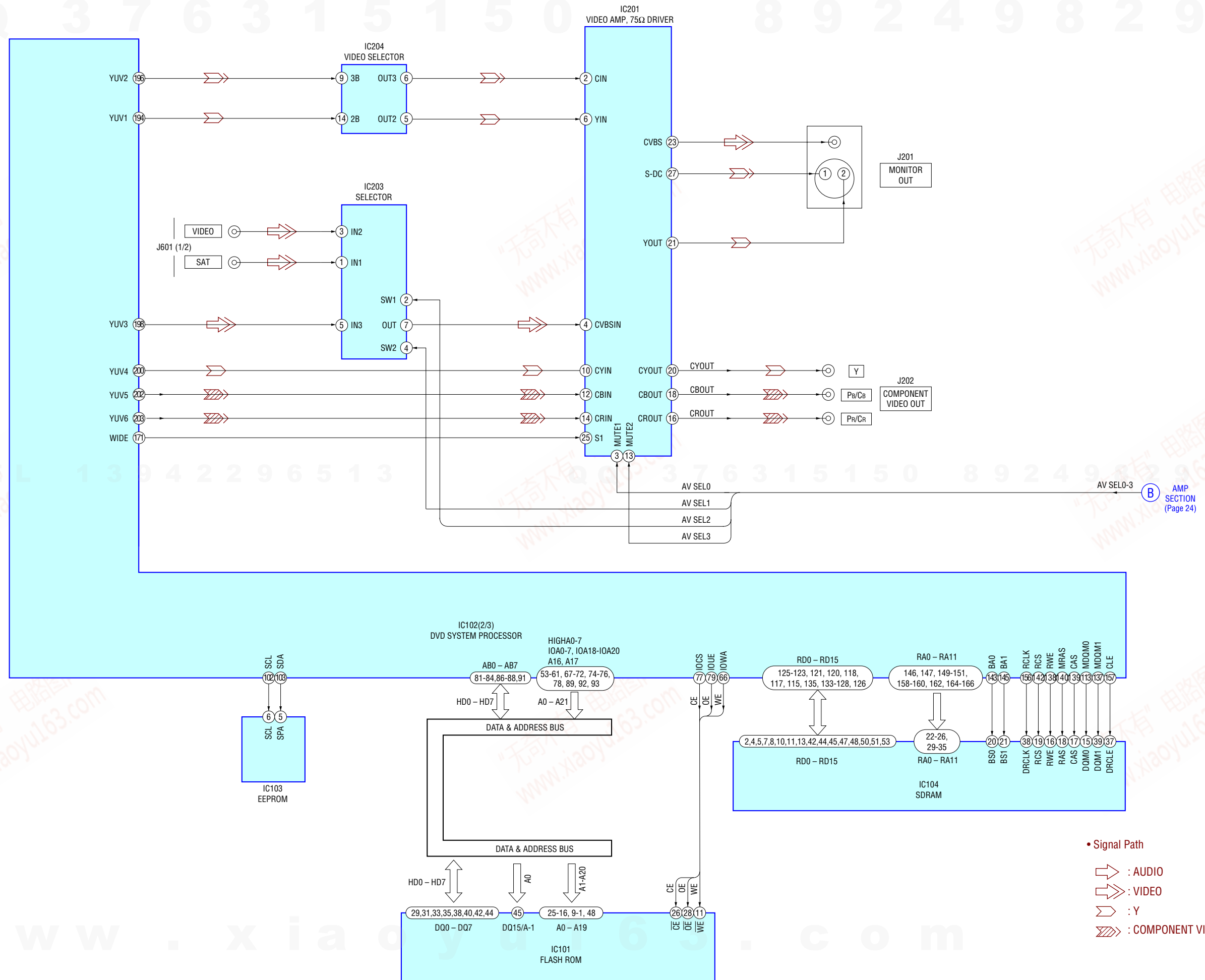


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6-1. BLOCK DIAGRAM – RF/SERVO SECTION –



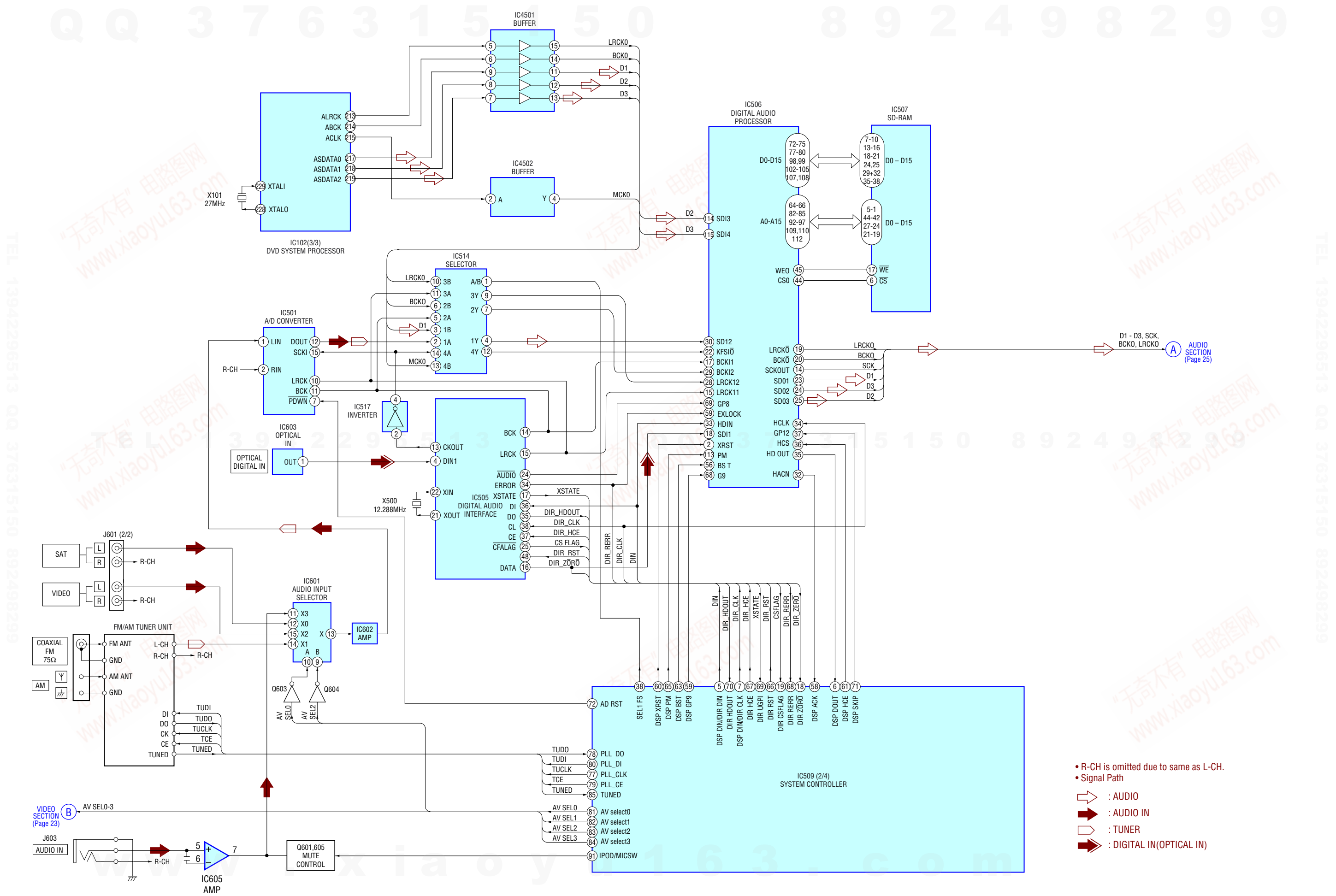
6-2. BLOCK DIAGRAM – VIDEO SECTION –



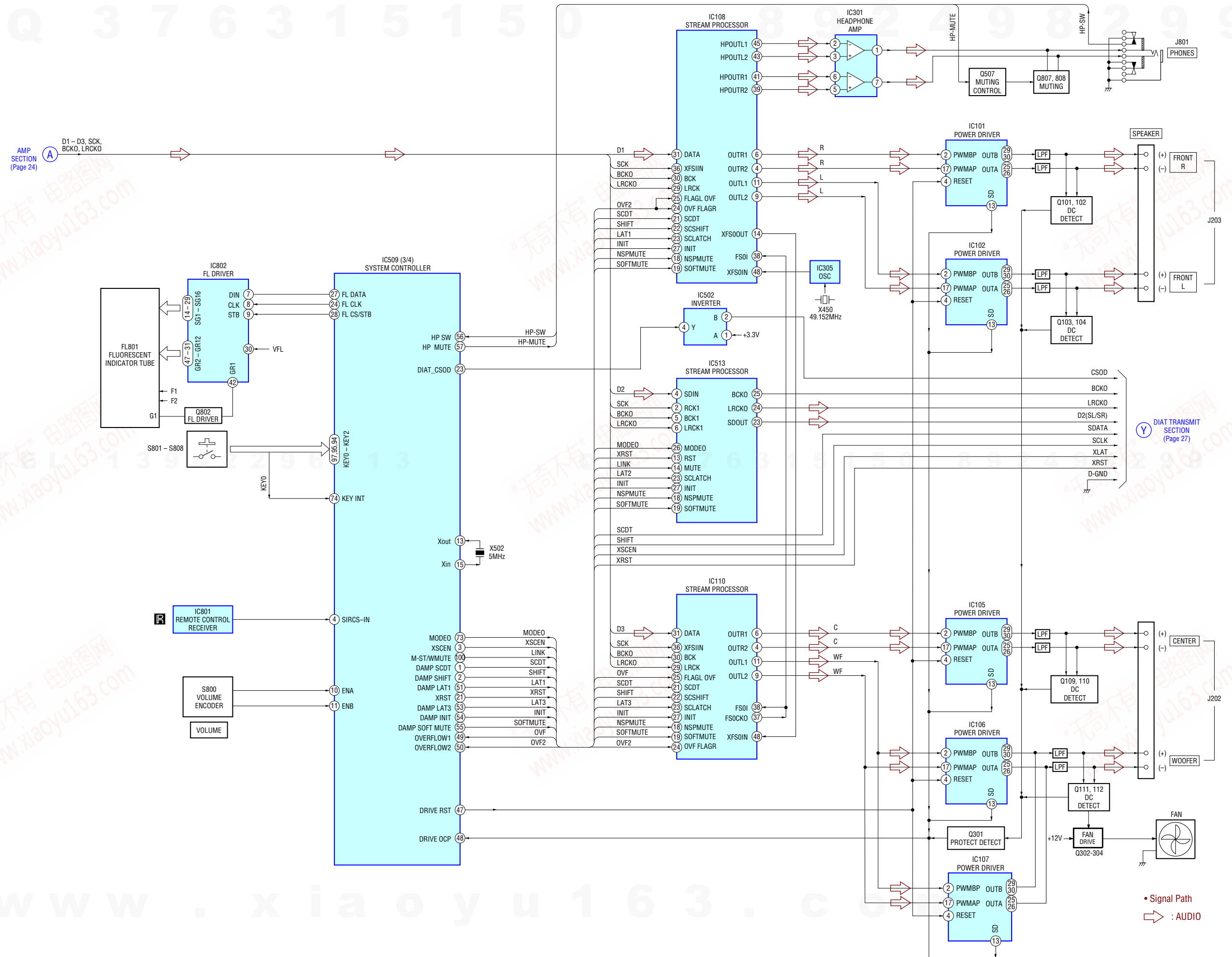
• Signal Path

- Red arrow: AUDIO
- Red double arrow: VIDEO
- Red single arrow: Y
- Red double arrow with diagonal lines: COMPONENT VIDEO

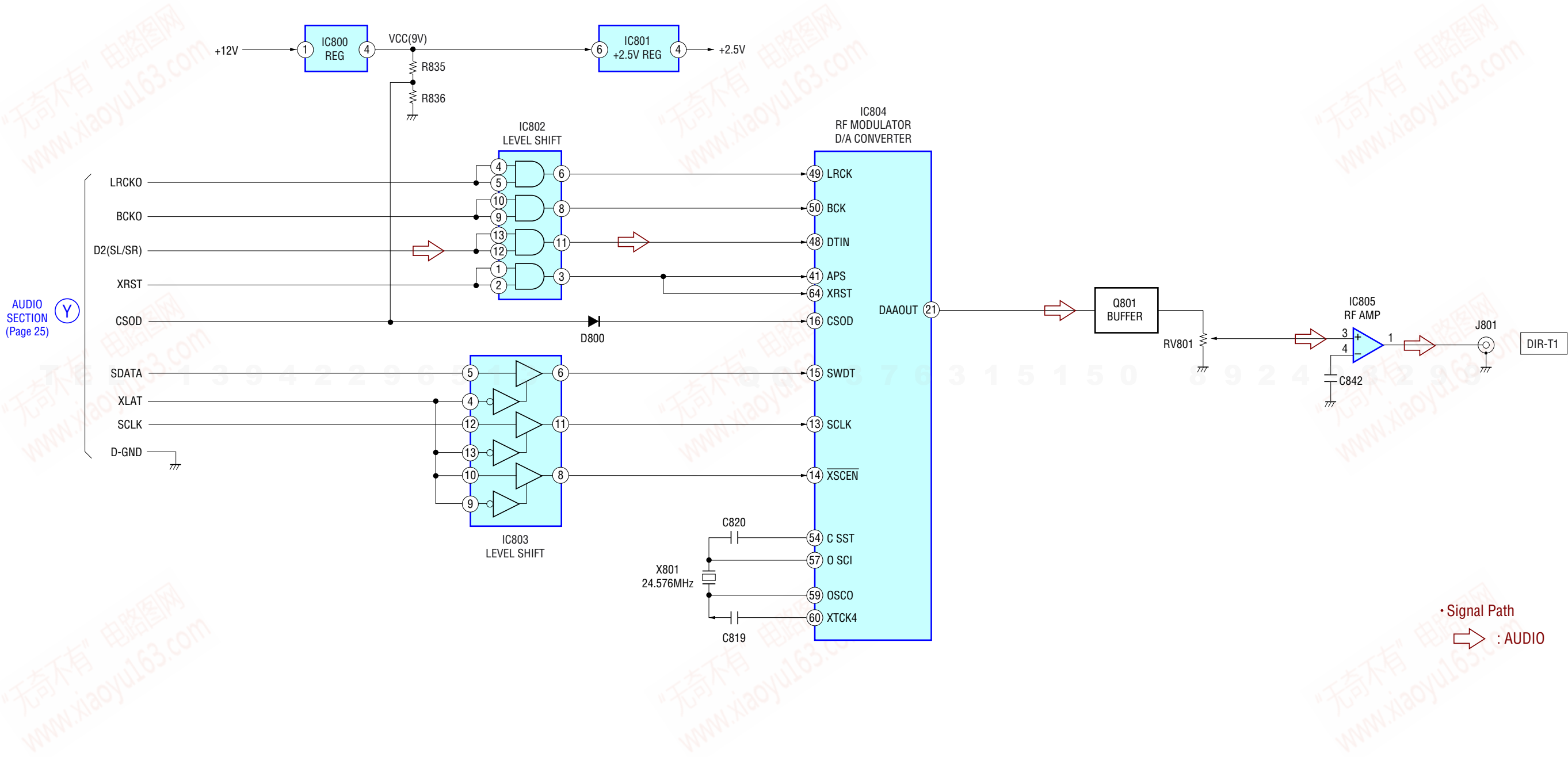
6-3. BLOCK DIAGRAM – AMP SECTION –



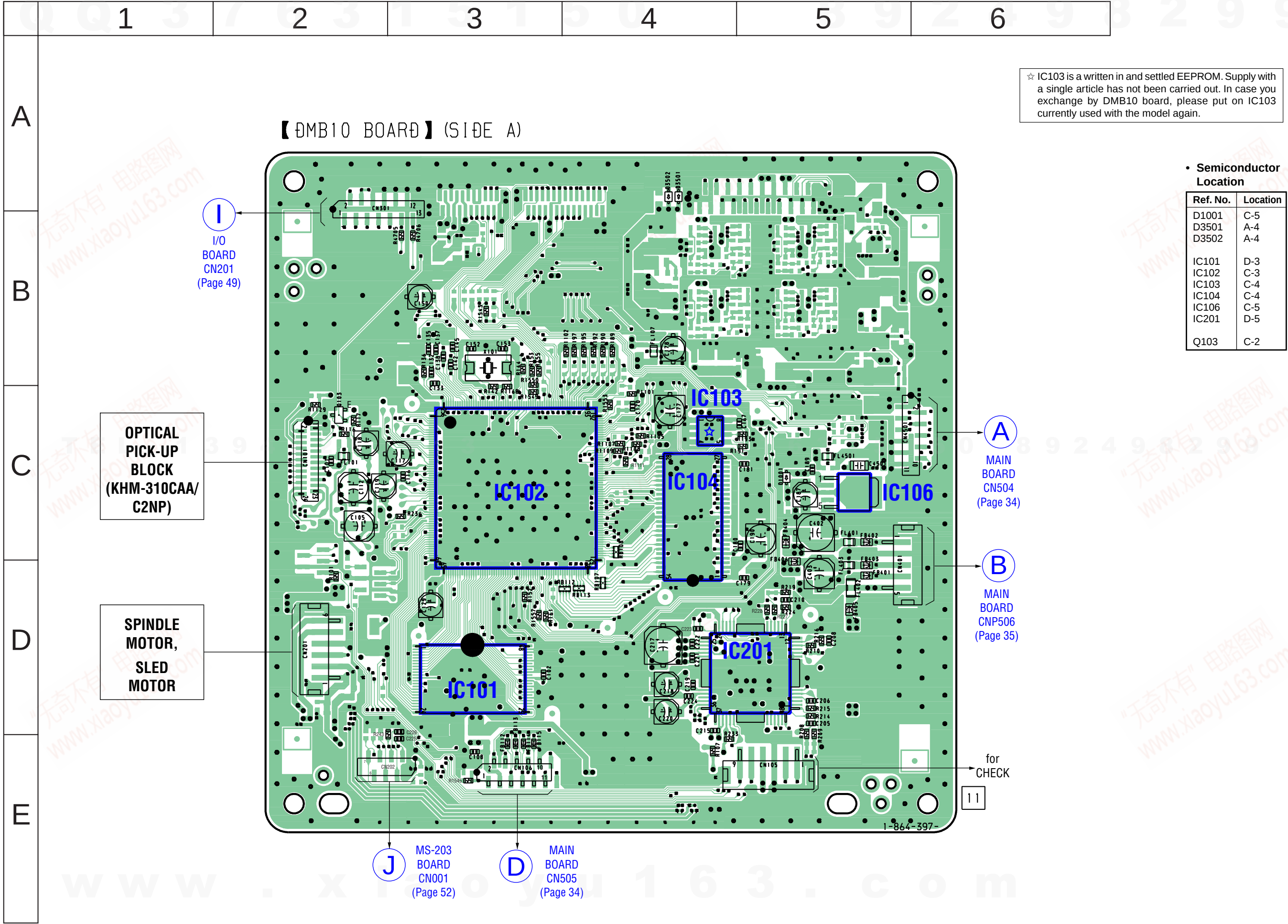
6-4. BLOCK DIAGRAM – AUDIO SECTION –



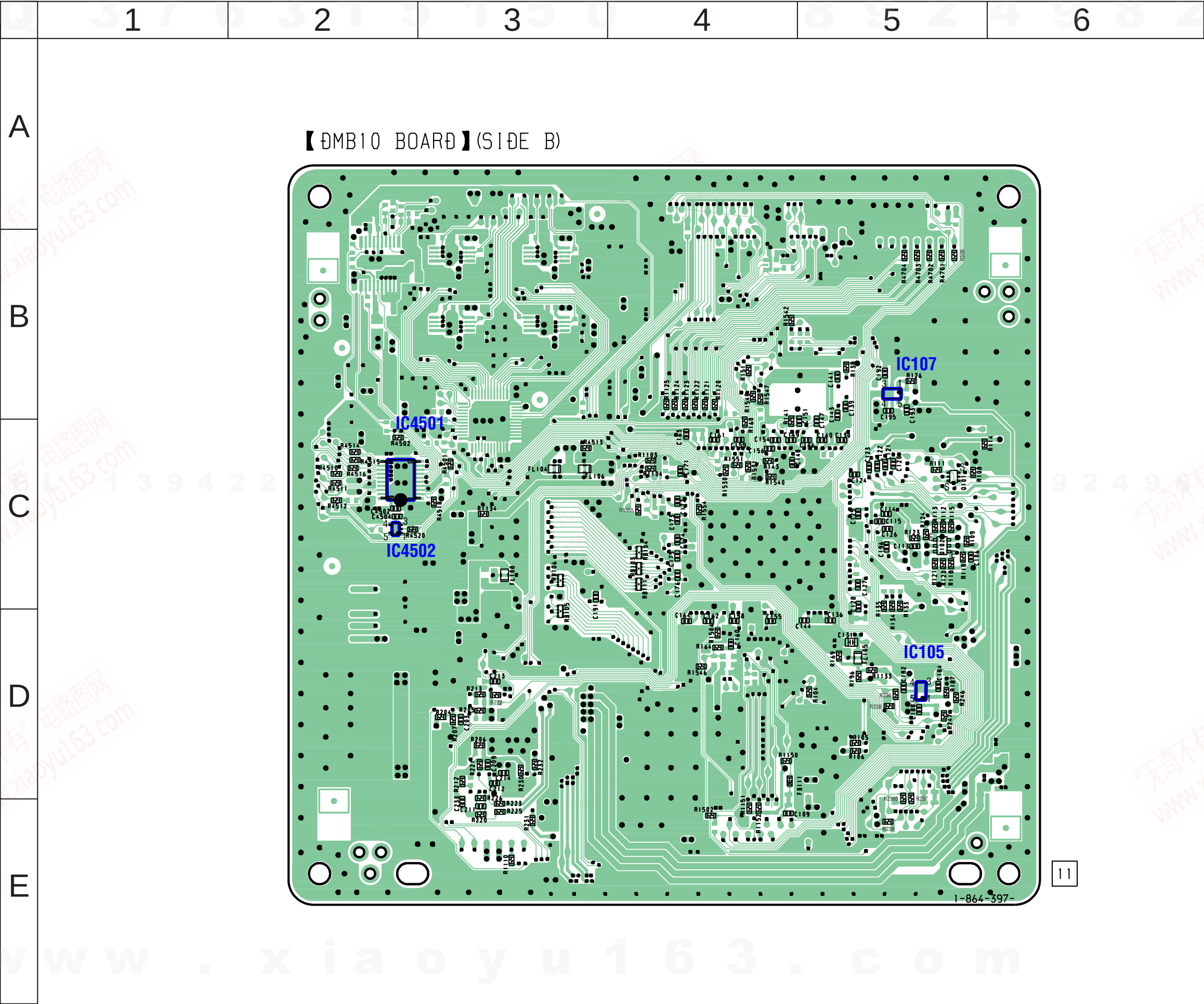
6-6. BLOCK DIAGRAM – DIAT TRANSMIT SECTION –



6-7. PRINTED WIRING BOARD – DMB10 BOARD (SIDE A) – • See page 21 for Circuit Boards Location. :Uses unleaded solder.



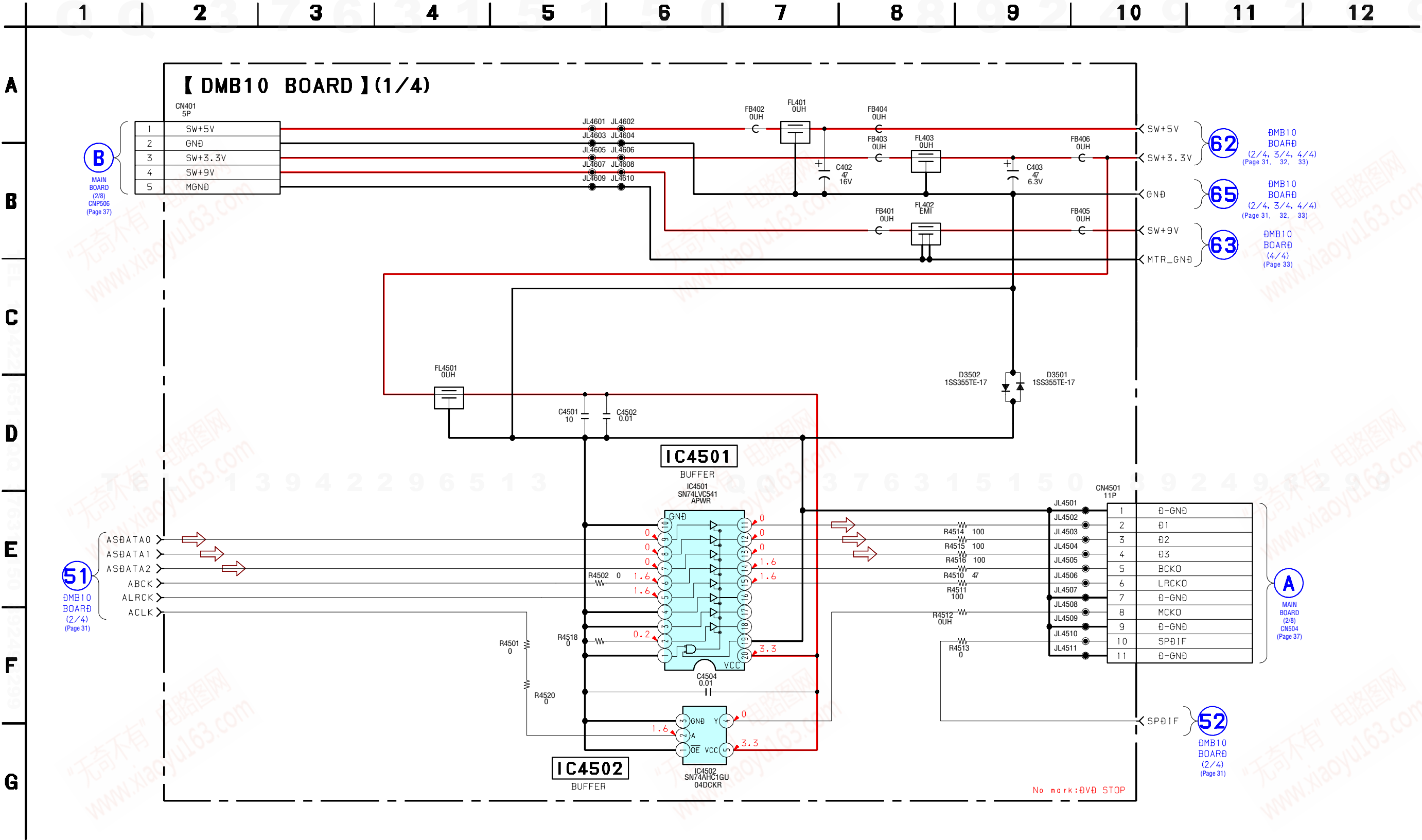
6-8. PRINTED WIRING BOARD – DMB10 BOARD (SIDE B) – • See page 21 for Circuit Boards Location.  :Uses unleaded solder.



• Semiconductor Location

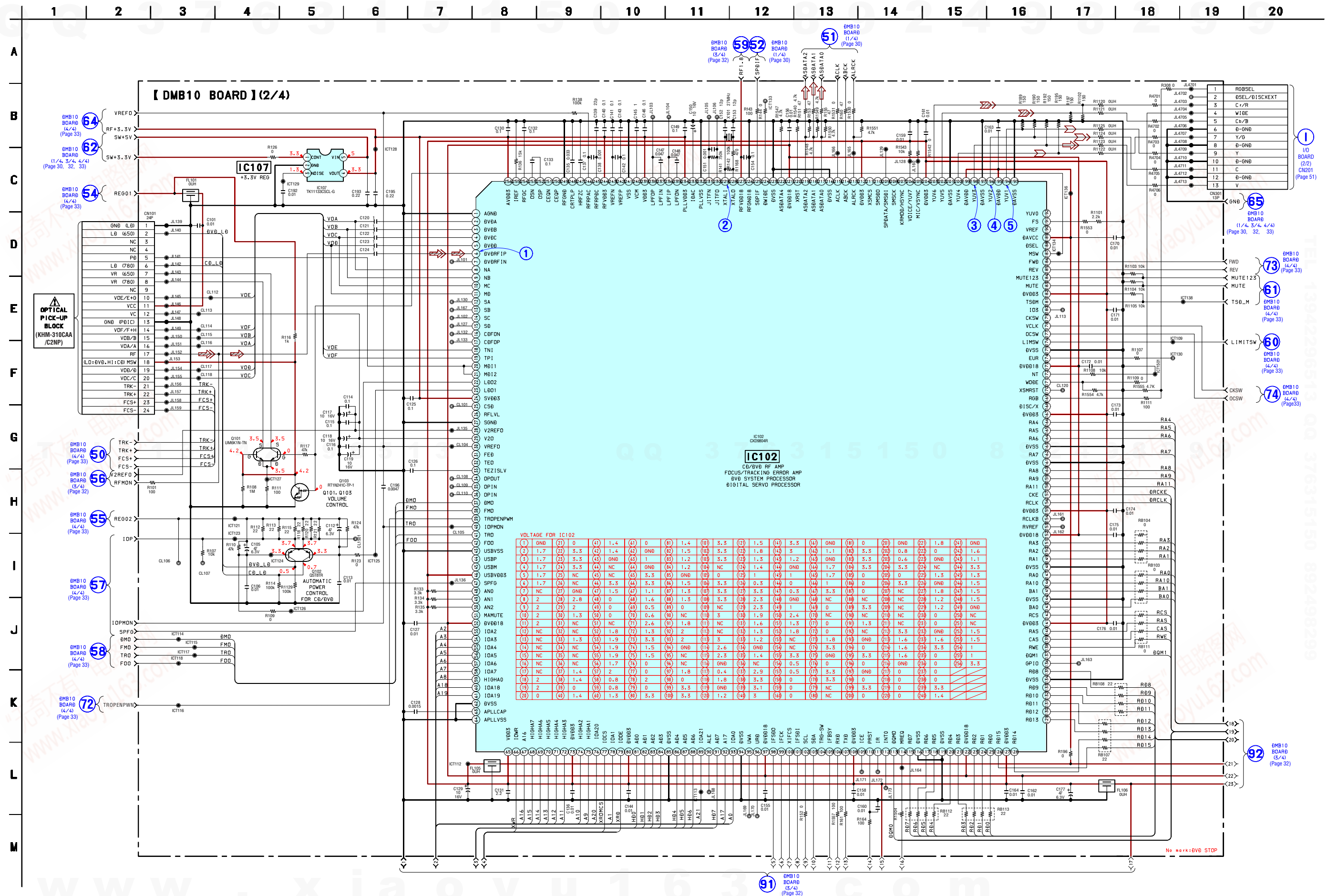
Ref. No.	Location
IC105	D-5
IC107	B-5
IC4501	C-3
IC4502	C-2
Q101	C-5
Q102	C-5

6-9. SCHEMATIC DIAGRAM – DMB10 BOARD (1/4) –

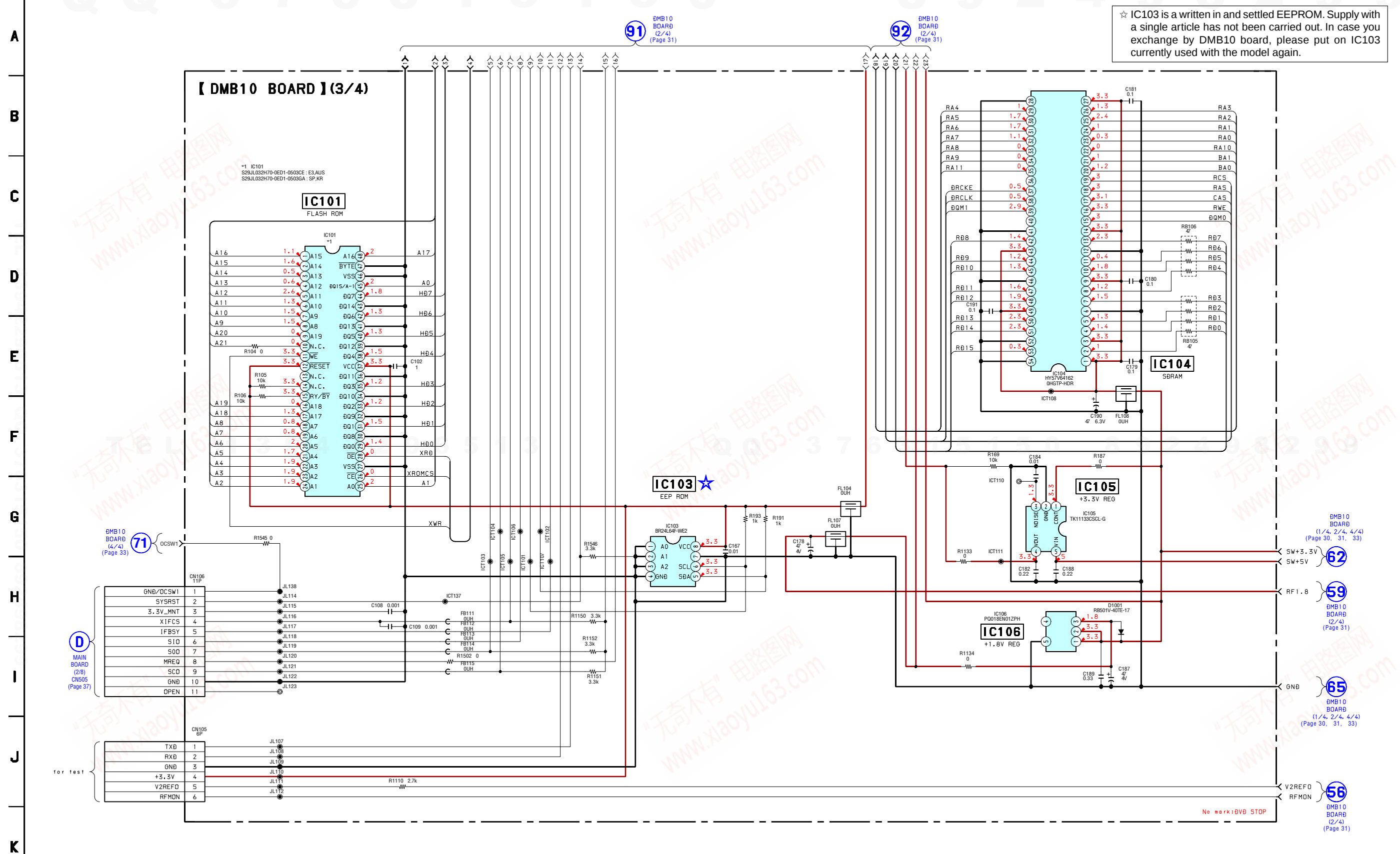


6-10. SCHEMATIC DIAGRAM – DMB10 BOARD (2/4) –

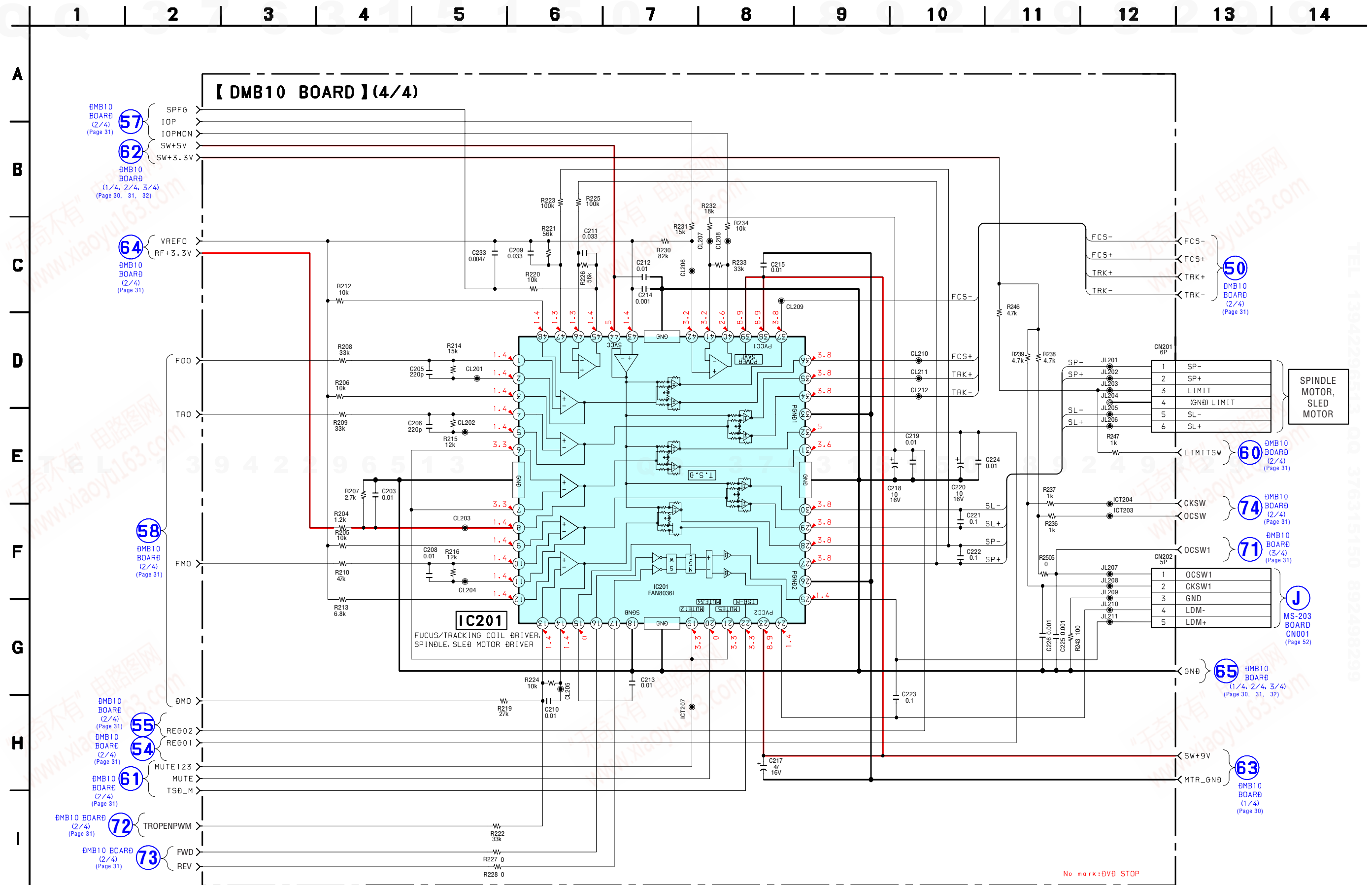
- See page 63 for IC Pin Function Description.
- See page 55 for Waveforms.



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----



6-12. SCHEMATIC DIAGRAM – DMB10 BOARD (4/4) –

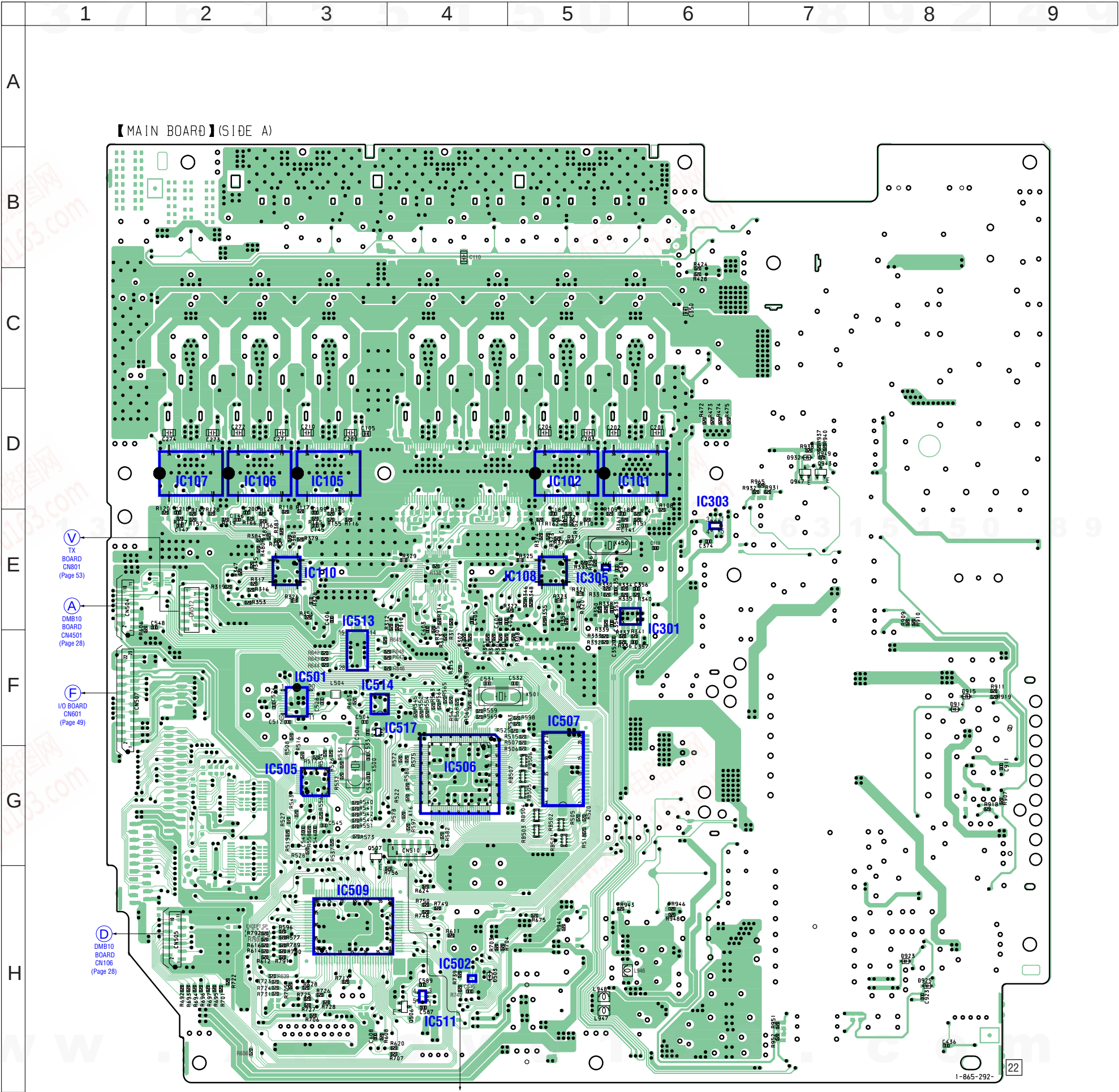


6-13. PRINTED WIRING BOARD – MAIN BOARD (SIDE A) –

• See page 21 for Circuit Boards Location.



:Uses unleaded solder.



• Semiconductor Location

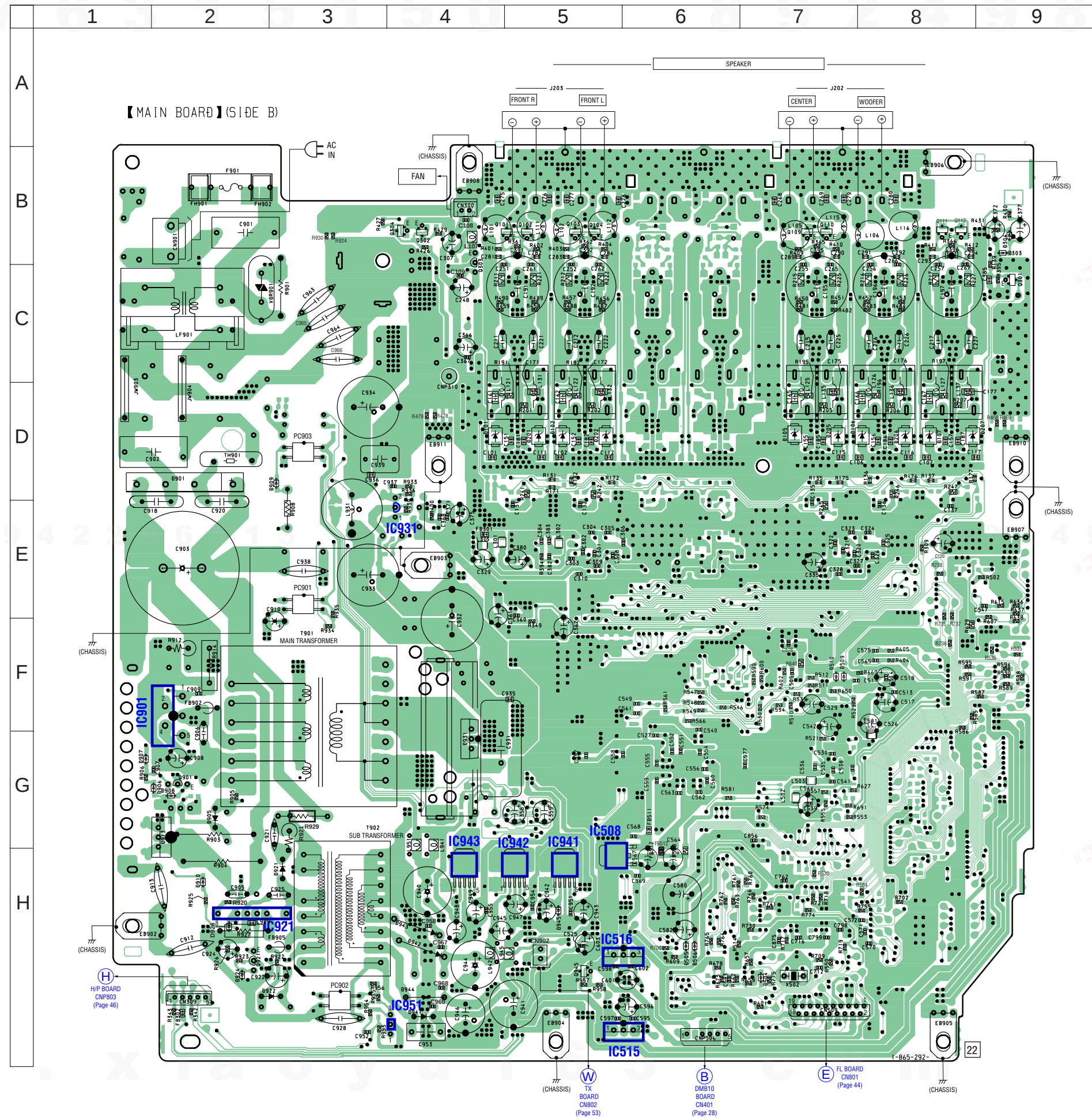
Ref. No.	Location
D503	H-4
D914	F-8
D915	F-8
D923	H-8
D925	H-8
D932	D-7
IC101	D-6
IC102	D-5
IC105	D-3
IC106	D-2
IC107	D-2
IC108	E-5
IC110	E-3
IC301	E-6
IC303	D-6
IC305	E-5
IC501	F-3
IC502	H-4
IC505	G-3
IC506	G-4
IC507	F-5
IC509	H-3
IC511	H-4
IC513	E-3
IC514	F-3
IC517	F-4
Q506	H-4
Q507	G-3
Q943	D-7
Q947	D-7

6-14. PRINTED WIRING BOARD – MAIN BOARD (SIDE B) –

• See page 21 for Circuit Boards Location.



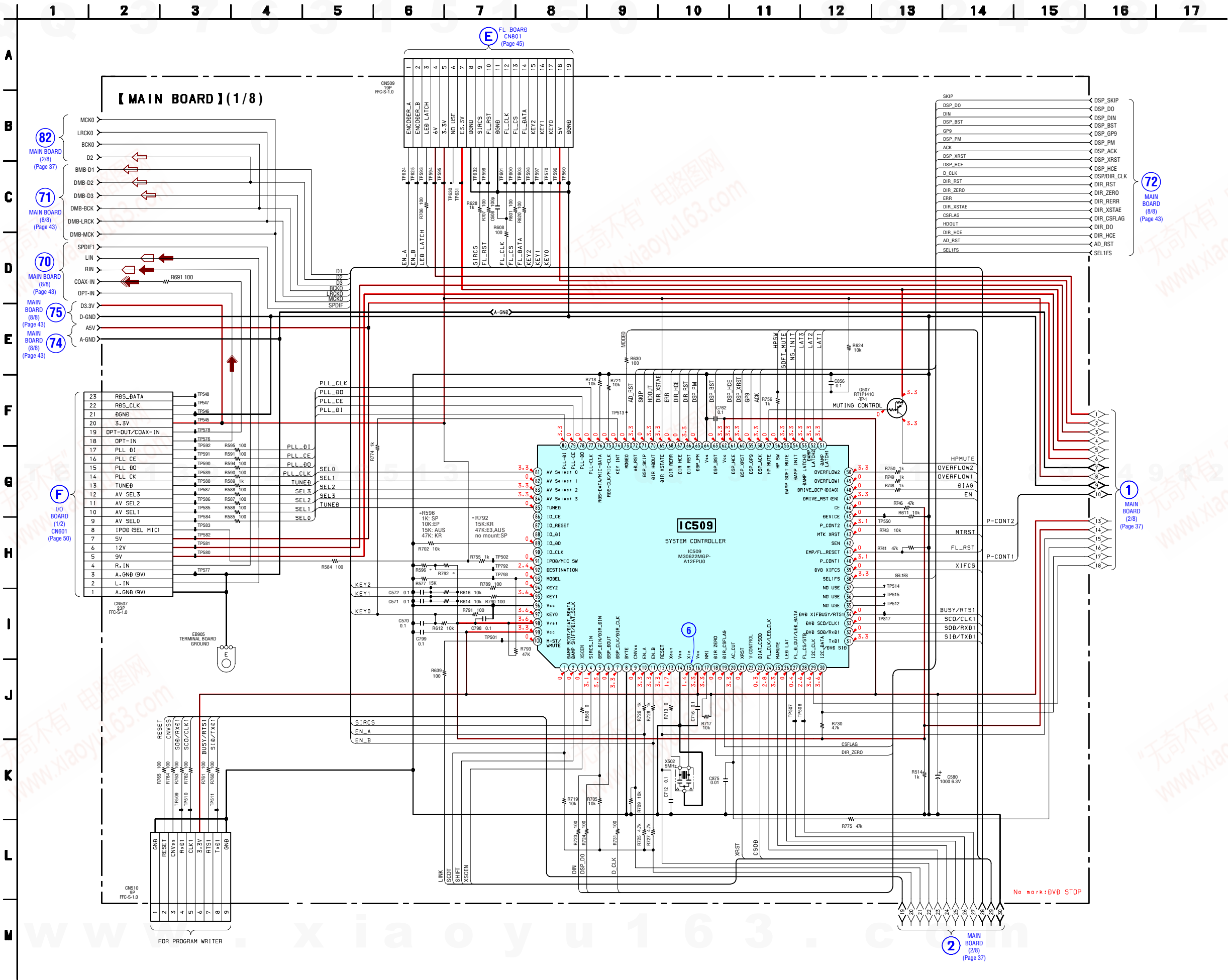
:Uses unleaded solder.



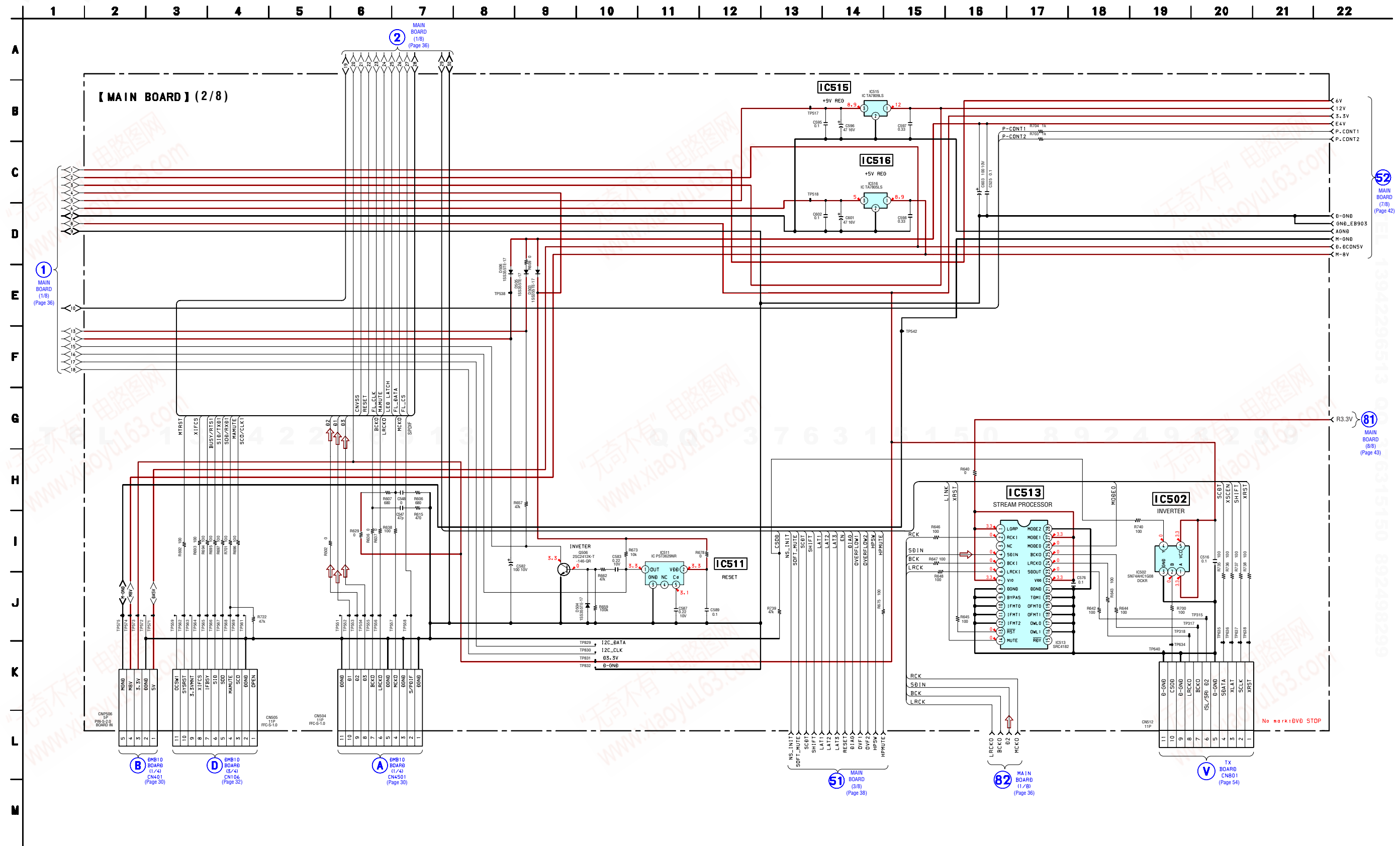
• Semiconductor Location

Ref. No.	Location
D101	D-4
D102	D-5
D105	D-7
D106	D-7
D107	D-8
D201	D-5
D202	D-5
D205	D-7
D206	D-8
D207	D-9
D303	B-9
D304	B-9
D504	H-7
D505	H-6
D506	H-6
D509	F-7
D510	F-7
D901	D-2
D905	G-2
D906	G-2
D907	G-1
D908	G-2
D909	D-2
D910	H-2
D913	G-2
D921	H-3
D922	H-2
D924	H-2
D926	H-2
D931	G-4
D941	H-4
D942	H-4
D943	H-4
D944	H-4
D945	H-5
IC508	G-5
IC515	H-5
IC516	H-5
IC901	F-1
IC921	H-3
IC931	E-4
IC941	G-5
IC942	G-5
IC943	G-4
IC951	H-4
PC901	E-3
PC902	H-3
PC903	D-3
Q101	B-4
Q102	B-5
Q103	B-5
Q104	B-5
Q109	B-7
Q110	B-7
Q111	B-8
Q112	B-8
Q301	C-9
Q302	B-4
Q303	B-4
Q304	B-4
Q901	G-2
Q921	H-2
Q945	H-5

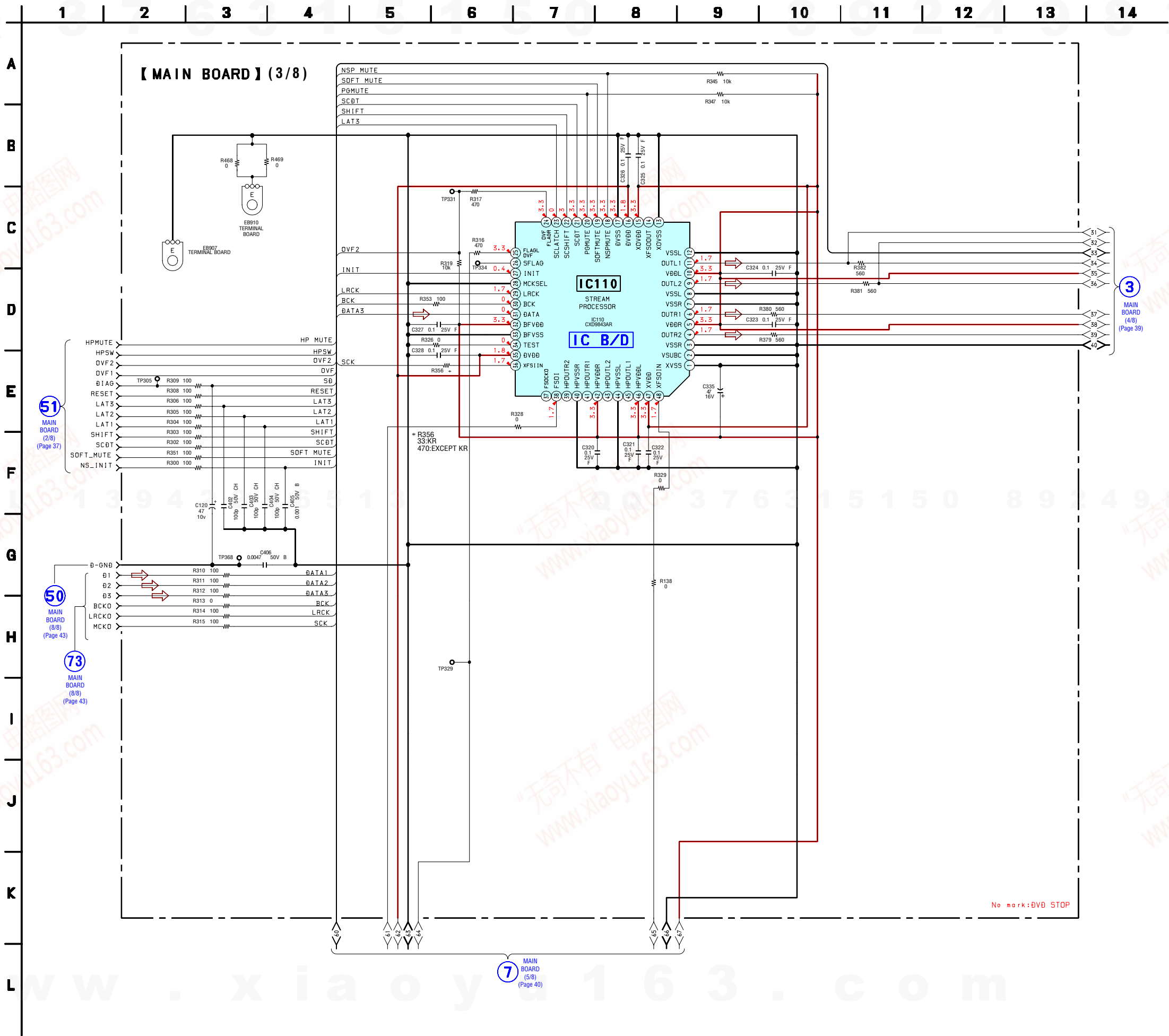
6-15. SCHEMATIC DIAGRAM – MAIN BOARD (1/8) – • See page 60 for IC Pin Function Description. • See page 55 for Waveform.



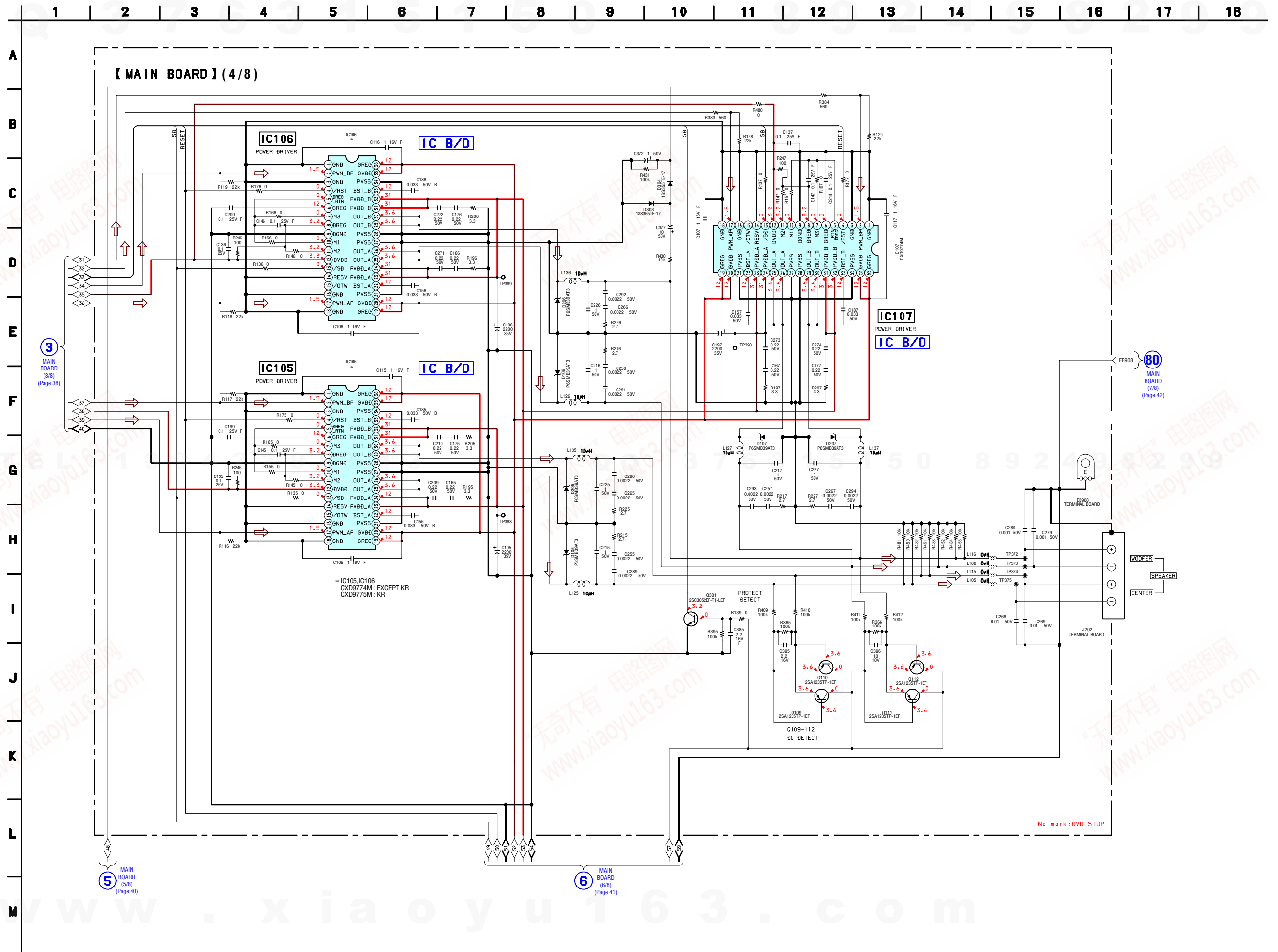
6-16. SCHEMATIC DIAGRAM – MAIN BOARD (2/8) –



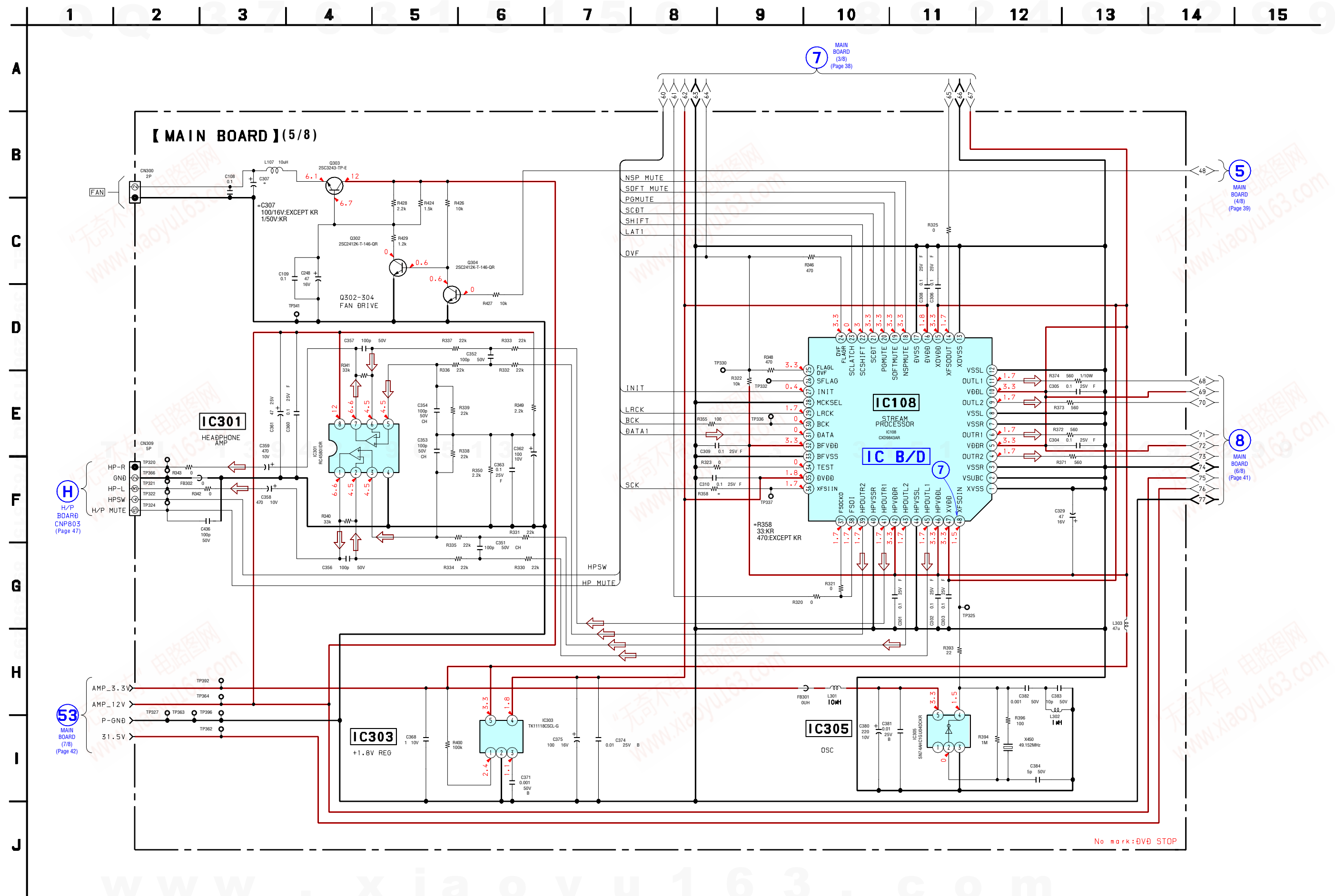
6-17. SCHEMATIC DIAGRAM – MAIN BOARD (3/8) – • See page 56 for IC Block Diagram.



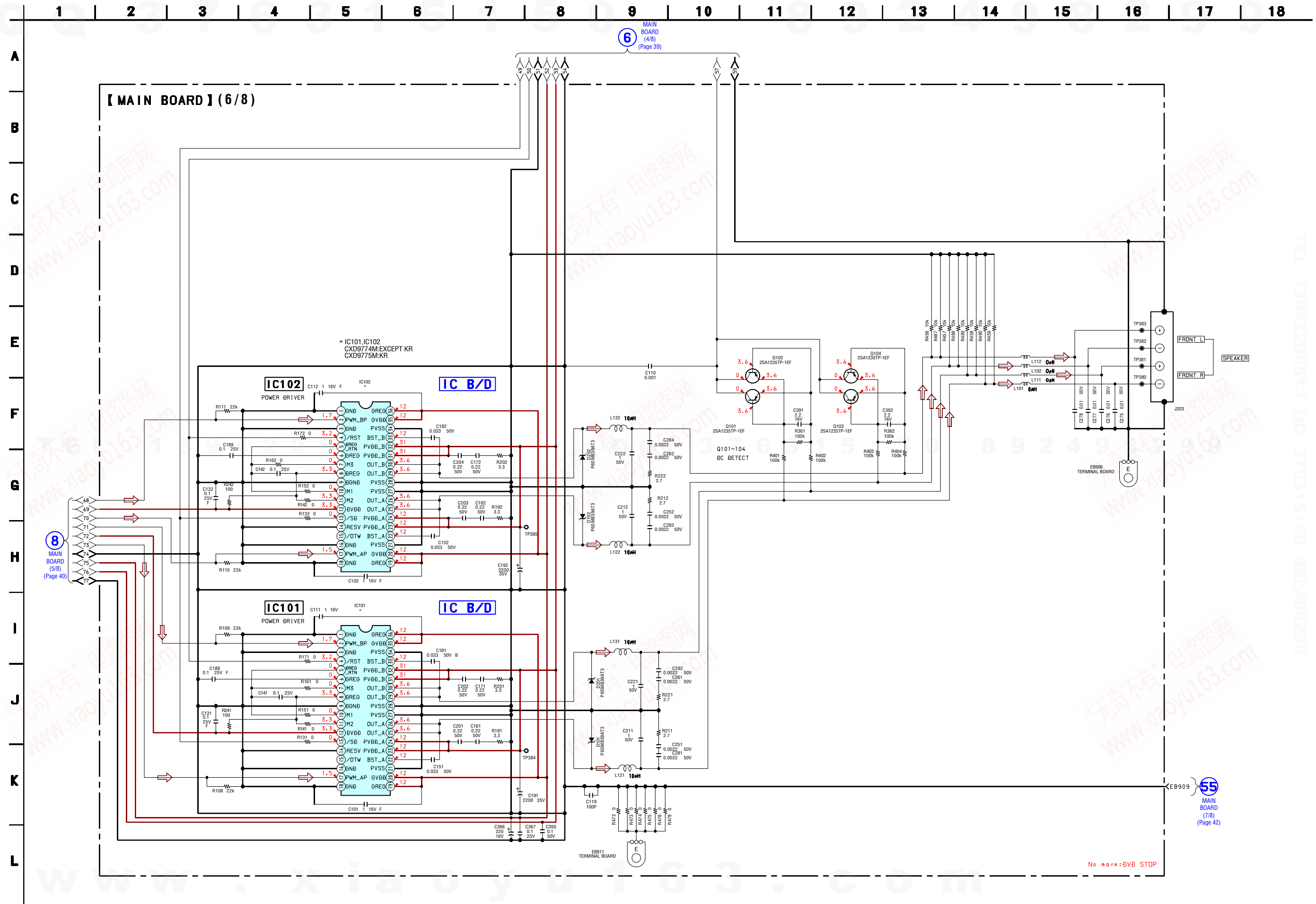
6-18. SCHEMATIC DIAGRAM – MAIN BOARD (4/8) – • See page 56 for IC Block Diagrams.



• See page 56 for IC Block Diagram. • See page 55 for Waveform.

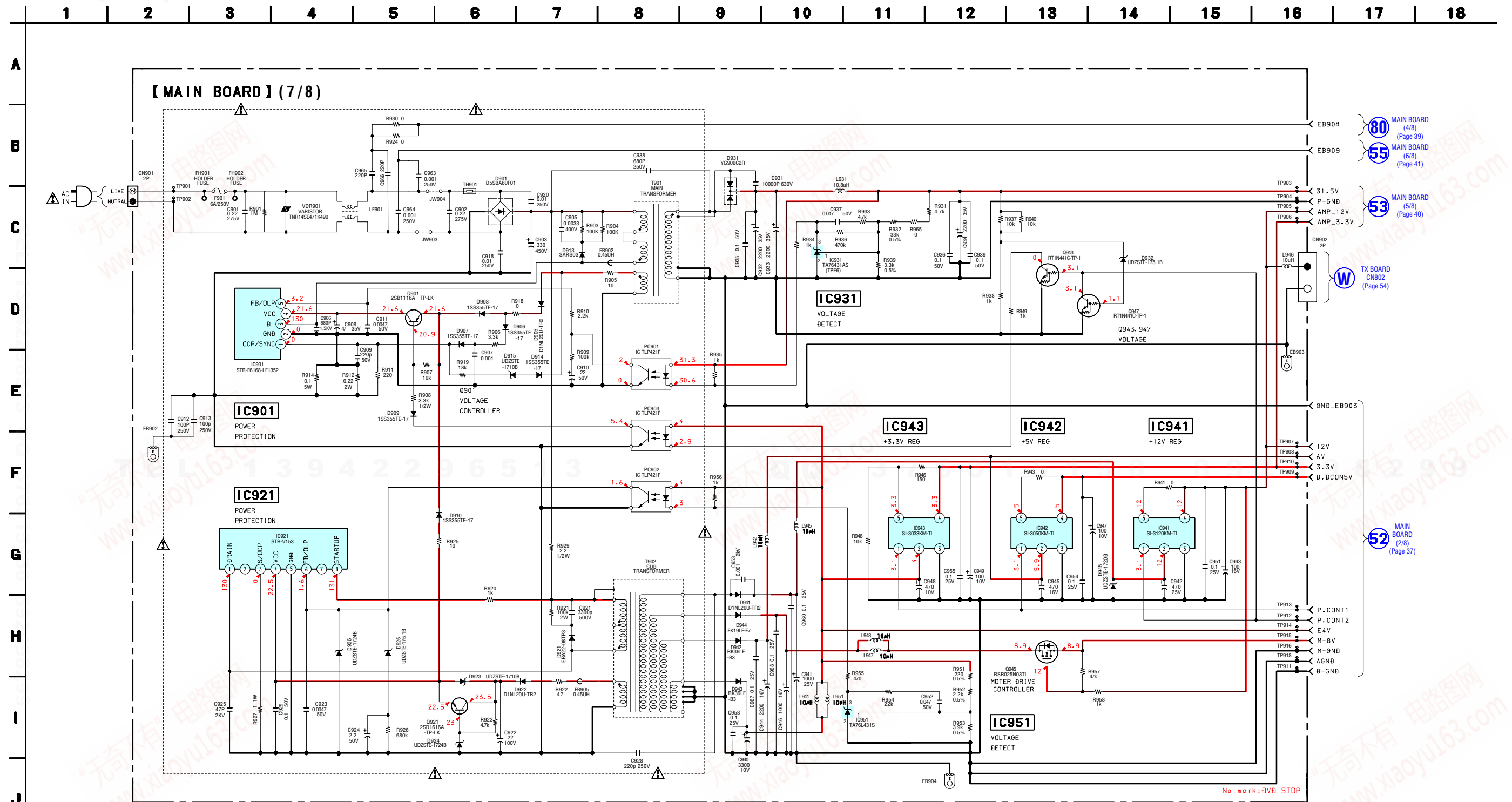


6-20. SCHEMATIC DIAGRAM – MAIN BOARD (6/8) – • See page 56 for IC Block Diagrams.

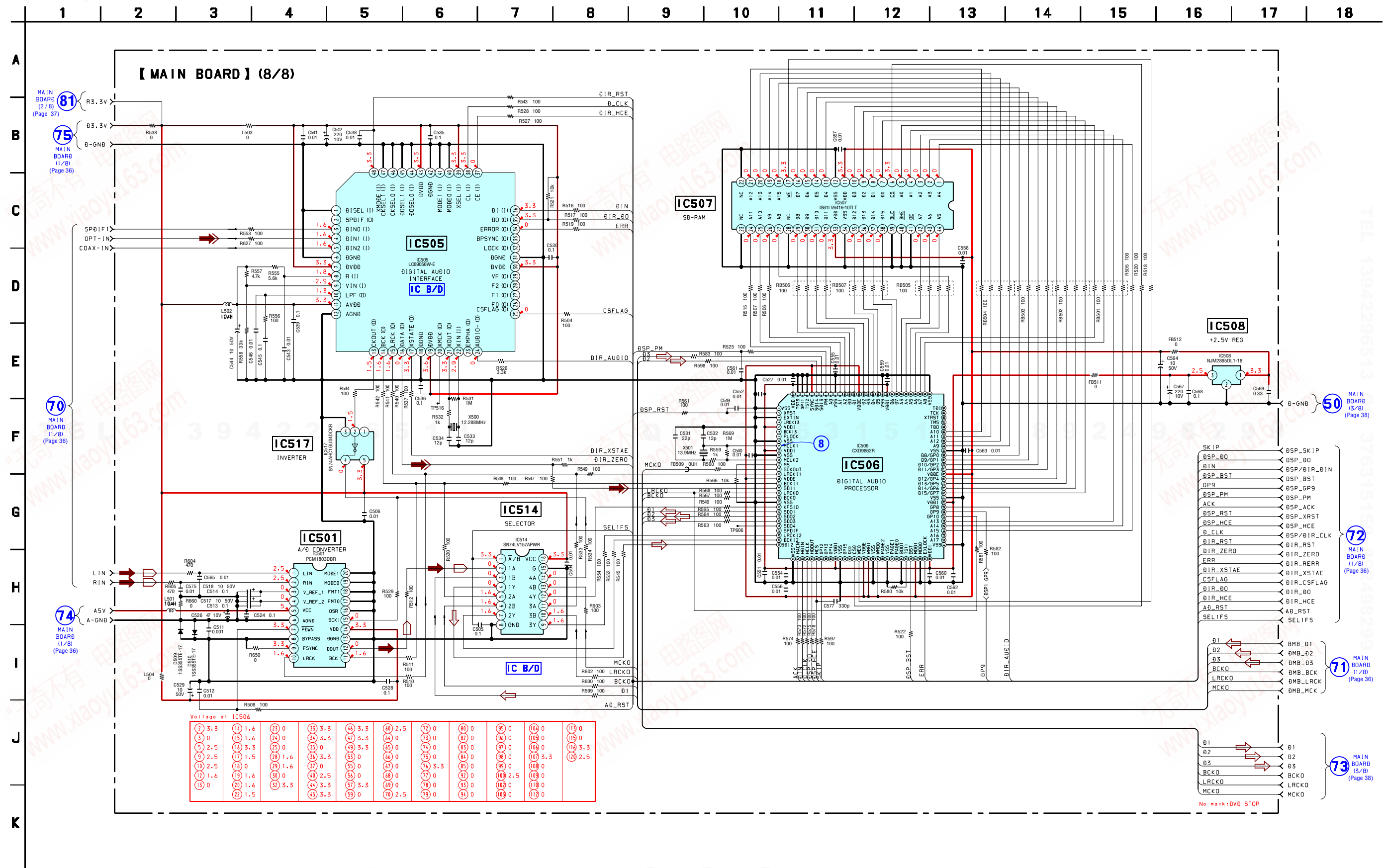


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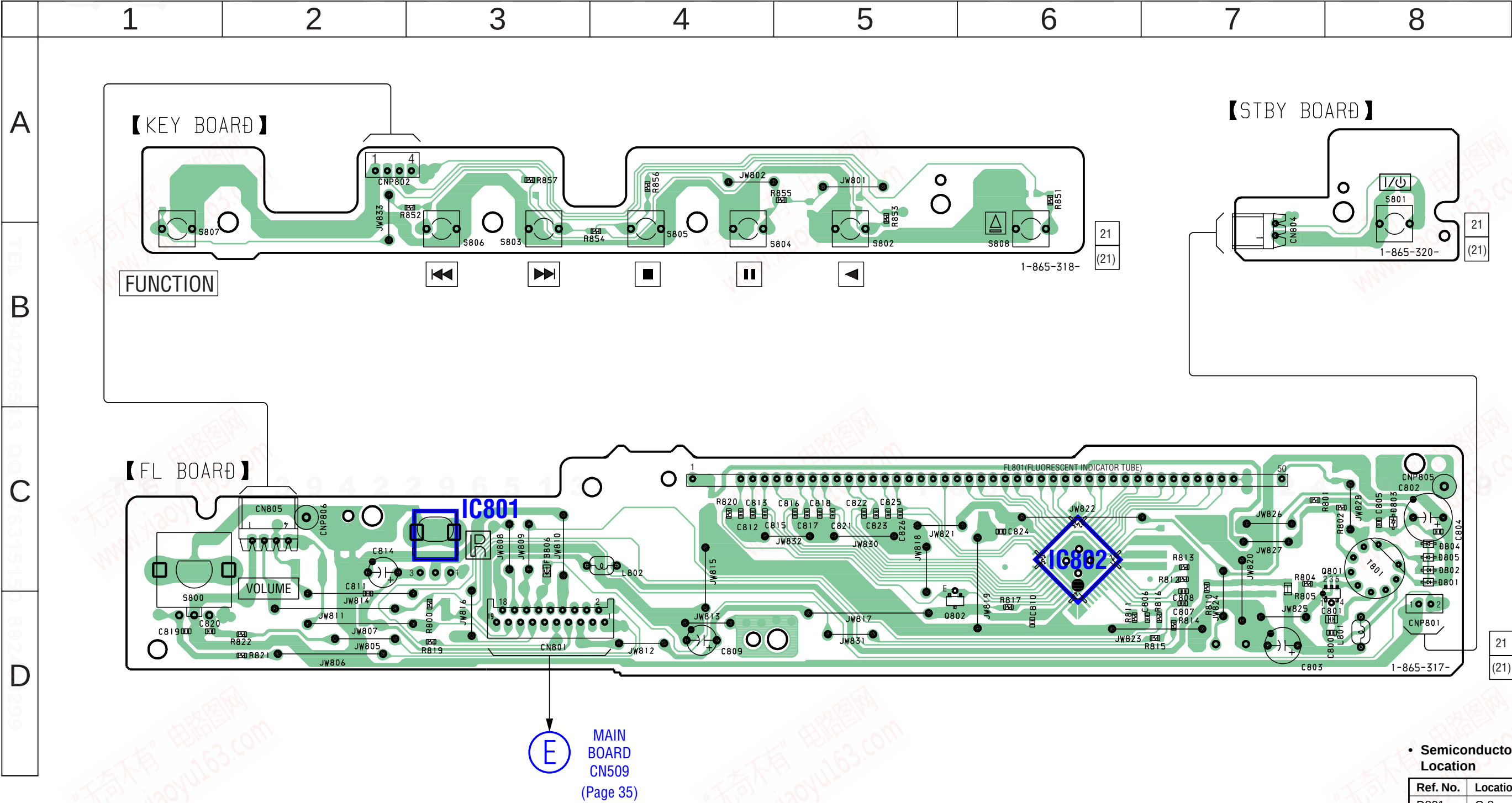
6-21. SCHEMATIC DIAGRAM - MAIN BOARD (7/8) -



6-22. SCHEMATIC DIAGRAM – MAIN BOARD (8/8) – • See page 57 for IC Block Diagrams. • See page 55 for Waveform.



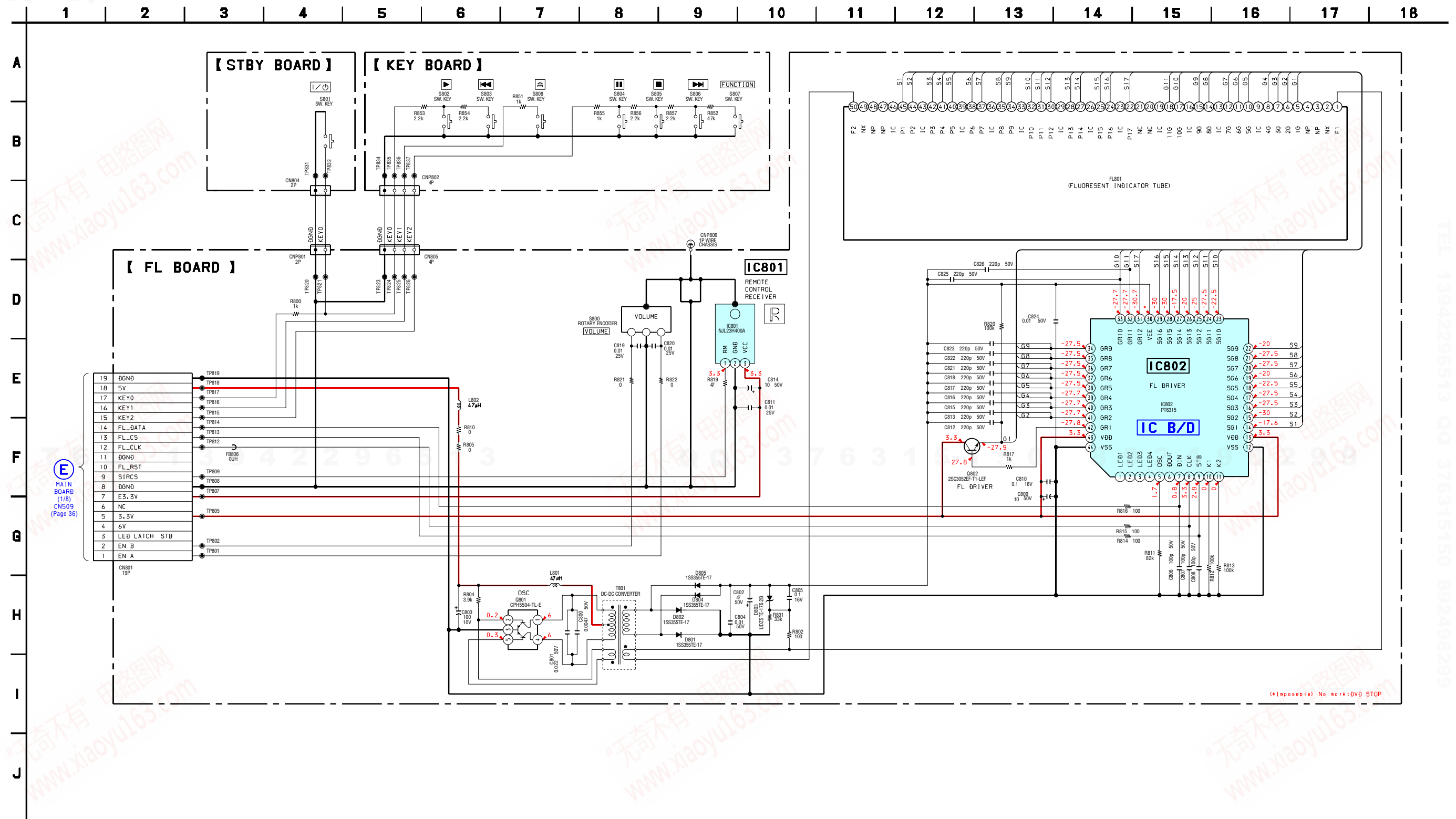
6-23. PRINTED WIRING BOARDS – FRONT PANEL SECTION – • See page 21 for Circuit Boards Location.  :Uses unleaded solder.



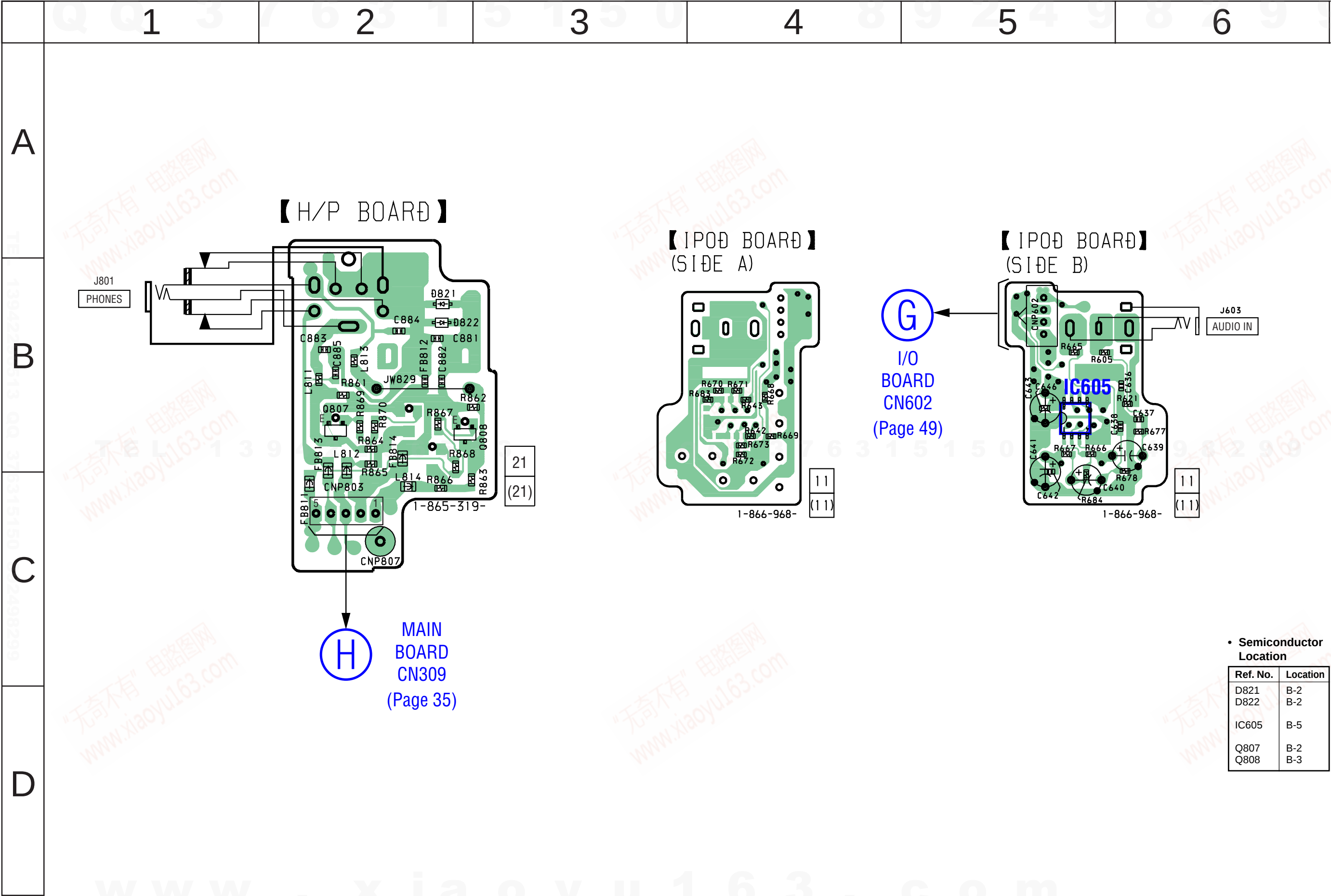
• Semiconductor Location

Ref. No.	Location
D801	C-8
D802	C-8
D803	C-8
D804	C-8
D805	C-8
IC801	C-3
IC802	C-6
Q801	C-8
Q802	D-5

6-24. SCHEMATIC DIAGRAM – FRONT PANEL SECTION – • See page 58 for IC Block Diagram.



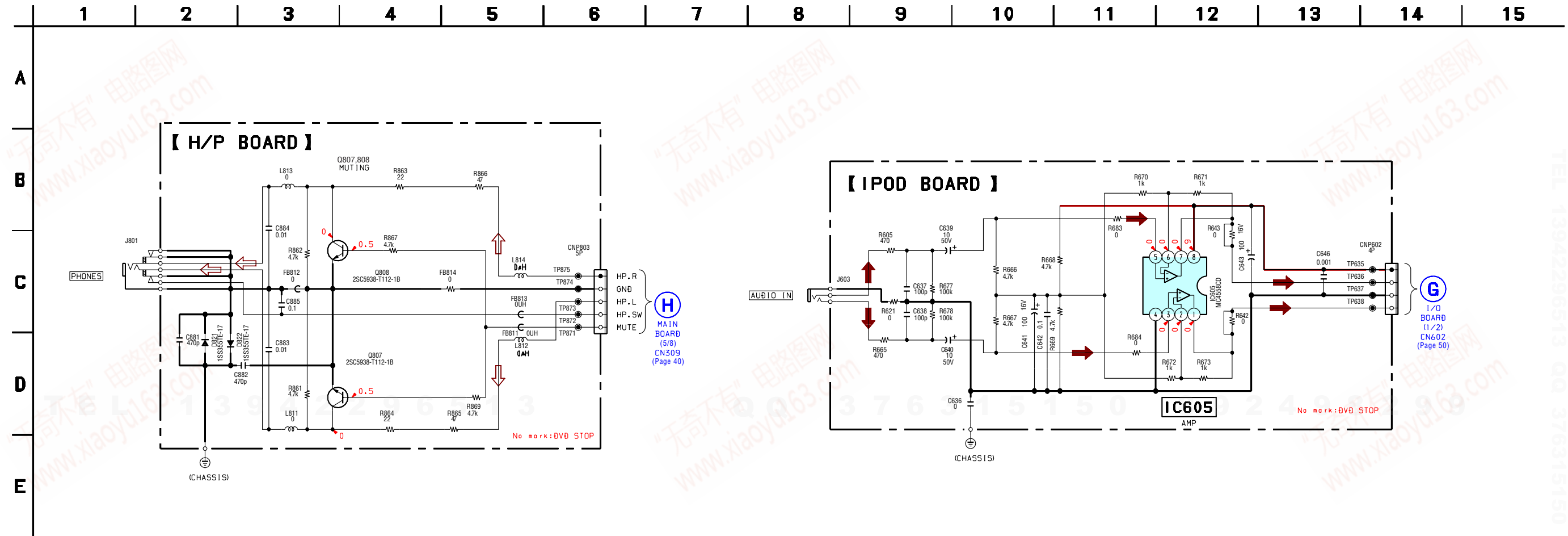
6-25. PRINTED WIRING BOARDS – AUDIO IN/OUT SECTION – • See page 21 for Circuit Boards Location.  :Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location
D821	B-2
D822	B-2
IC605	B-5
Q807	B-2
Q808	B-3

6-26. SCHEMATIC DIAGRAM – AUDIO IN/OUT SECTION –



6-27. PRINTED WIRING BOARD – I/O BOARD (SIDE A) – • See page 21 for Circuit Boards Location.  :Uses unleaded solder.



• Semiconductor Location

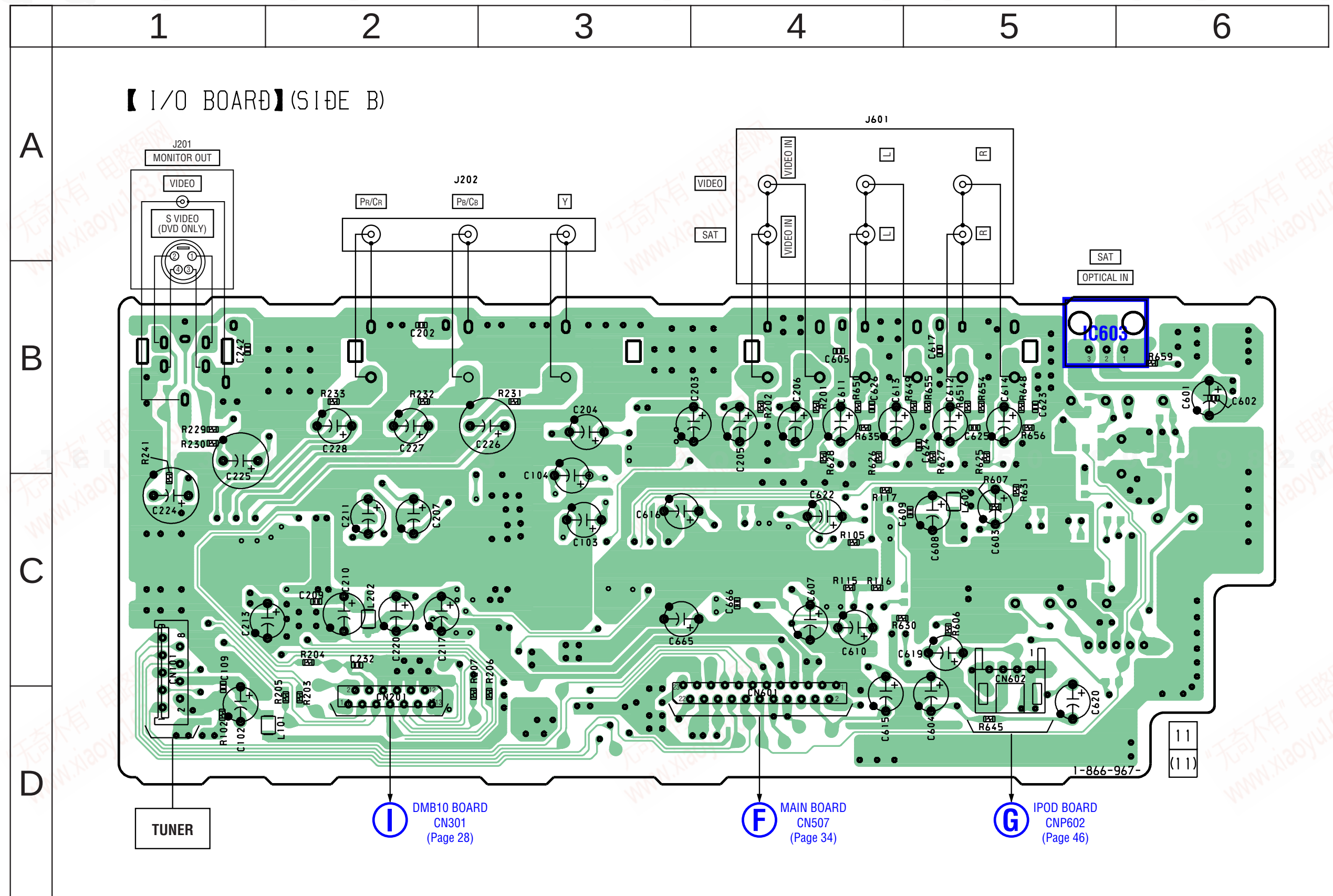
Ref. No.	Location
IC201	B-6
IC203	B-4
IC204	B-5
IC601	C-3
IC602	C-3
Q601	C-2
Q602	C-2
Q603	C-4
Q604	C-4
Q605	C-2

6-28. PRINTED WIRING BOARD – I/O BOARD (SIDE B) –

- See page 21 for Circuit Boards Location.



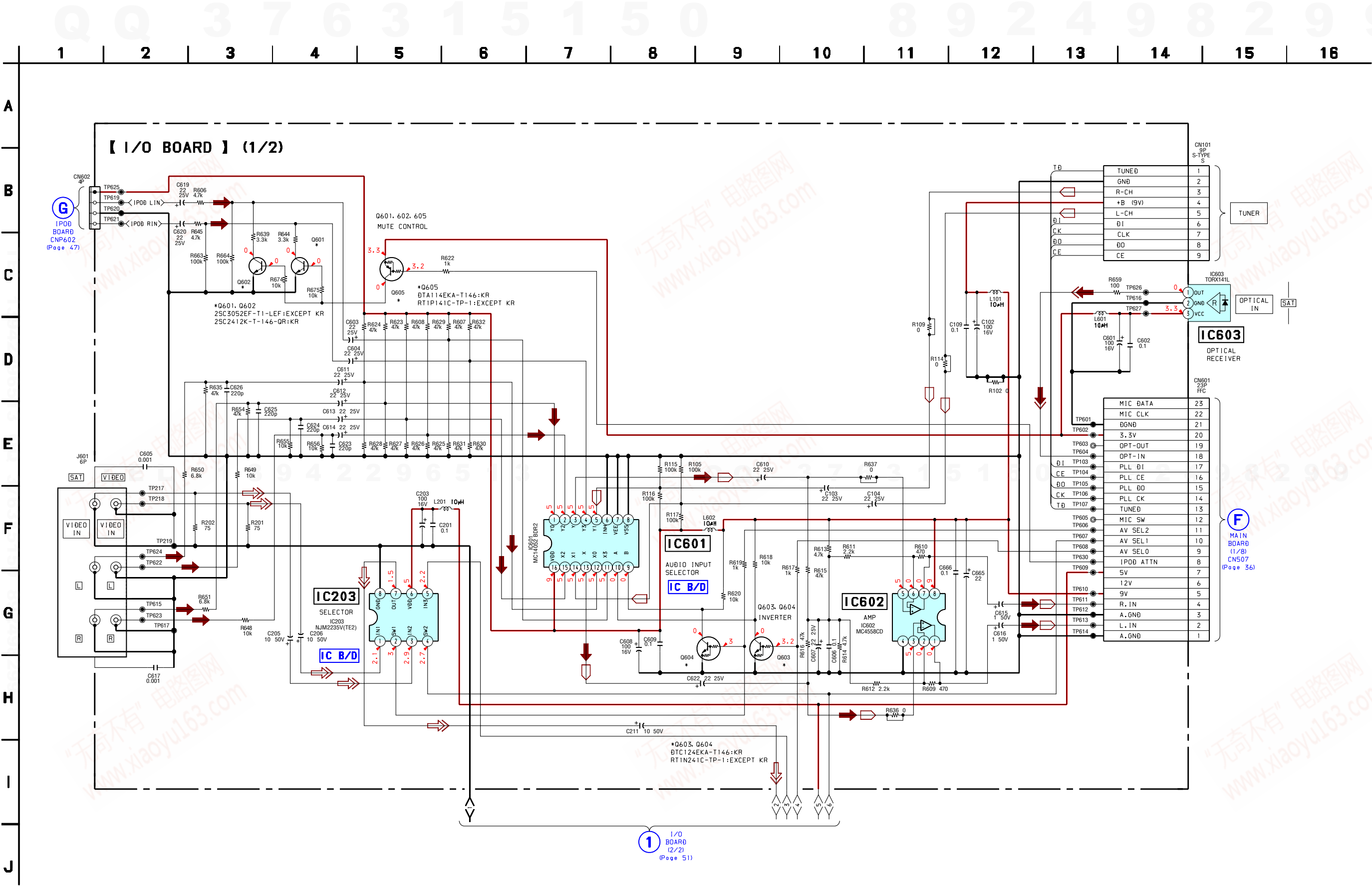
- **Uses unleaded solder.**



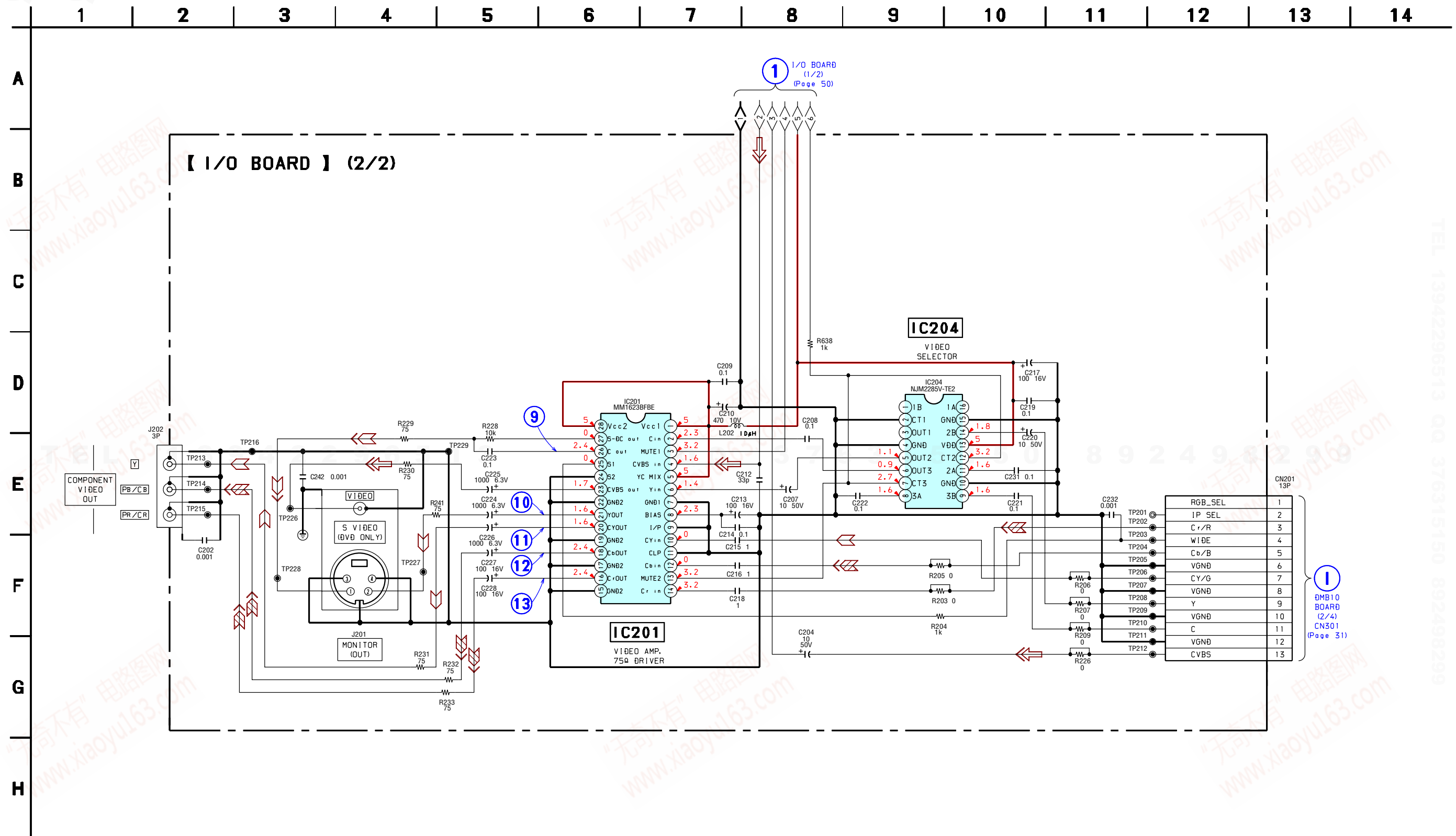
- **Semiconductor Location**

Ref. No.	Location
IC603	B-5

6-29. SCHEMATIC DIAGRAM – I/O BOARD (1/2) – • See page 57 for IC Block Diagrams.

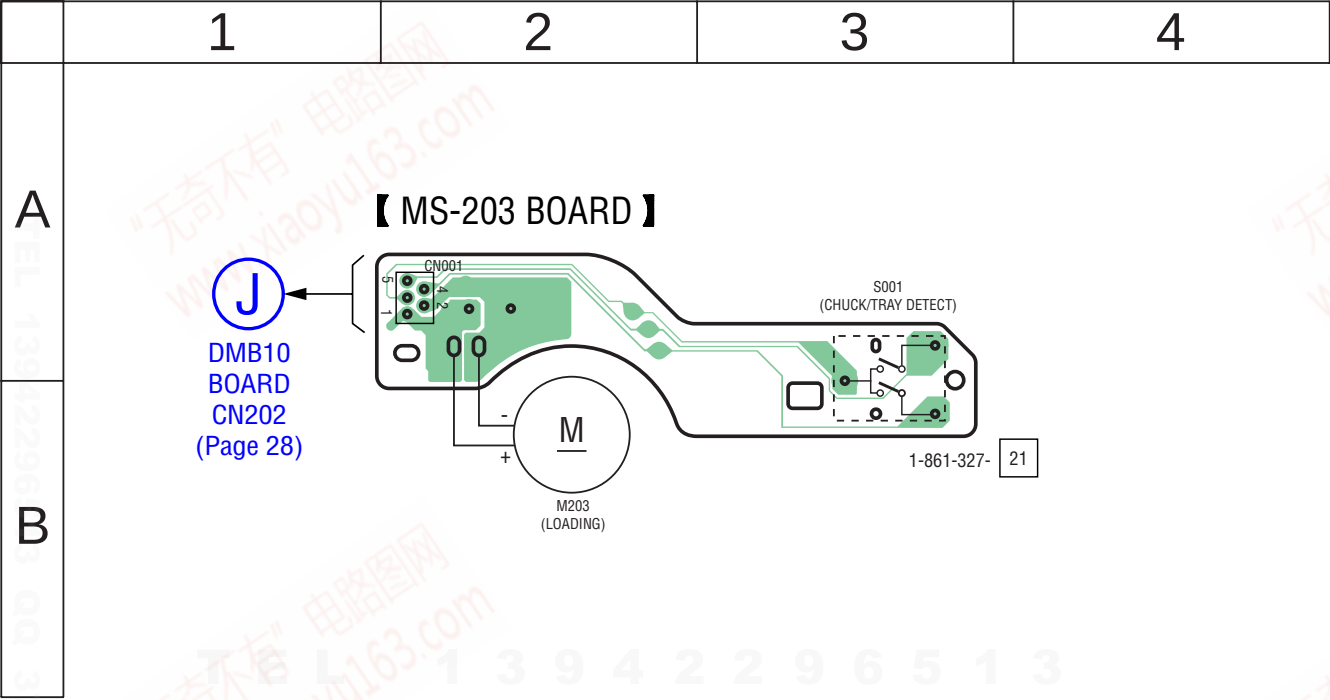


6-30. SCHEMATIC DIAGRAM – I/O BOARD (2/2) – • See page 55 for Waveforms.

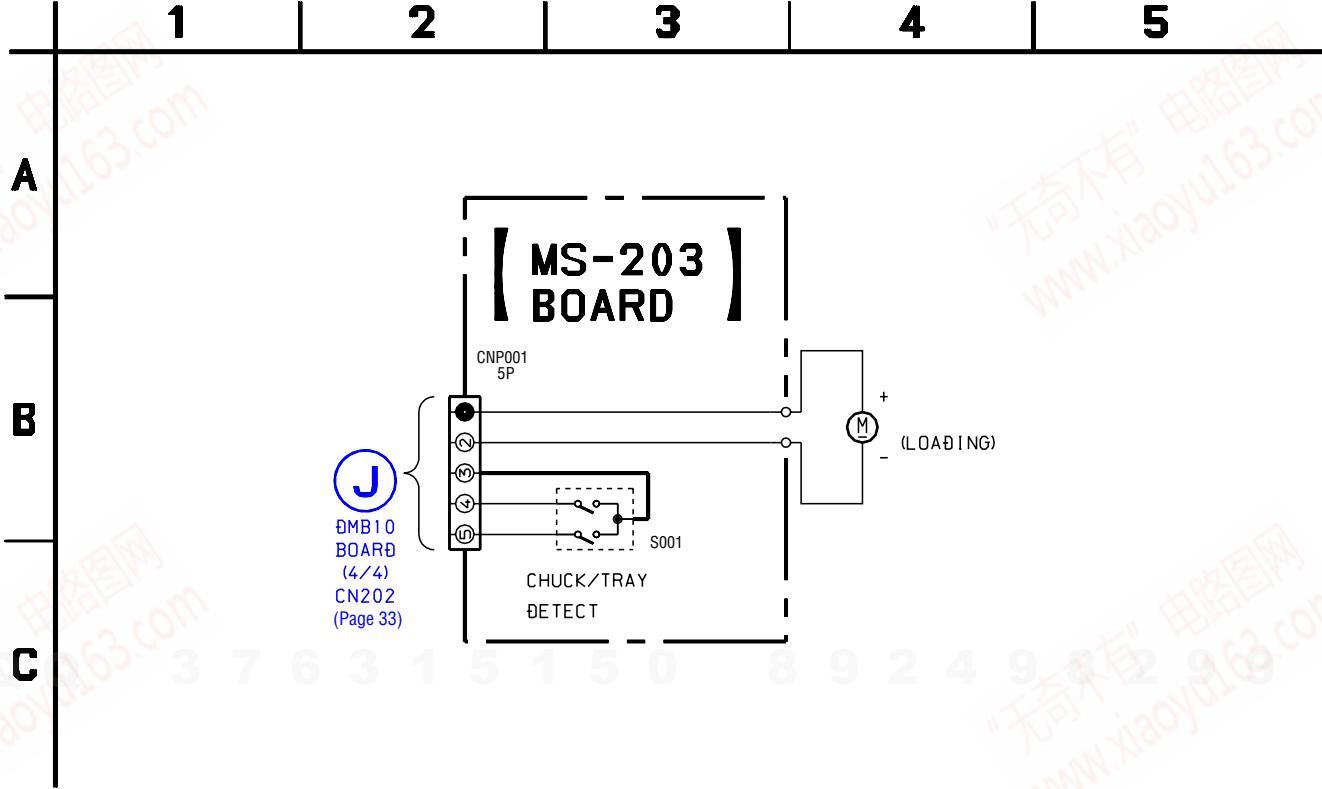


6-31. PRINTED WIRING BOARD – MS-203 BOARD –

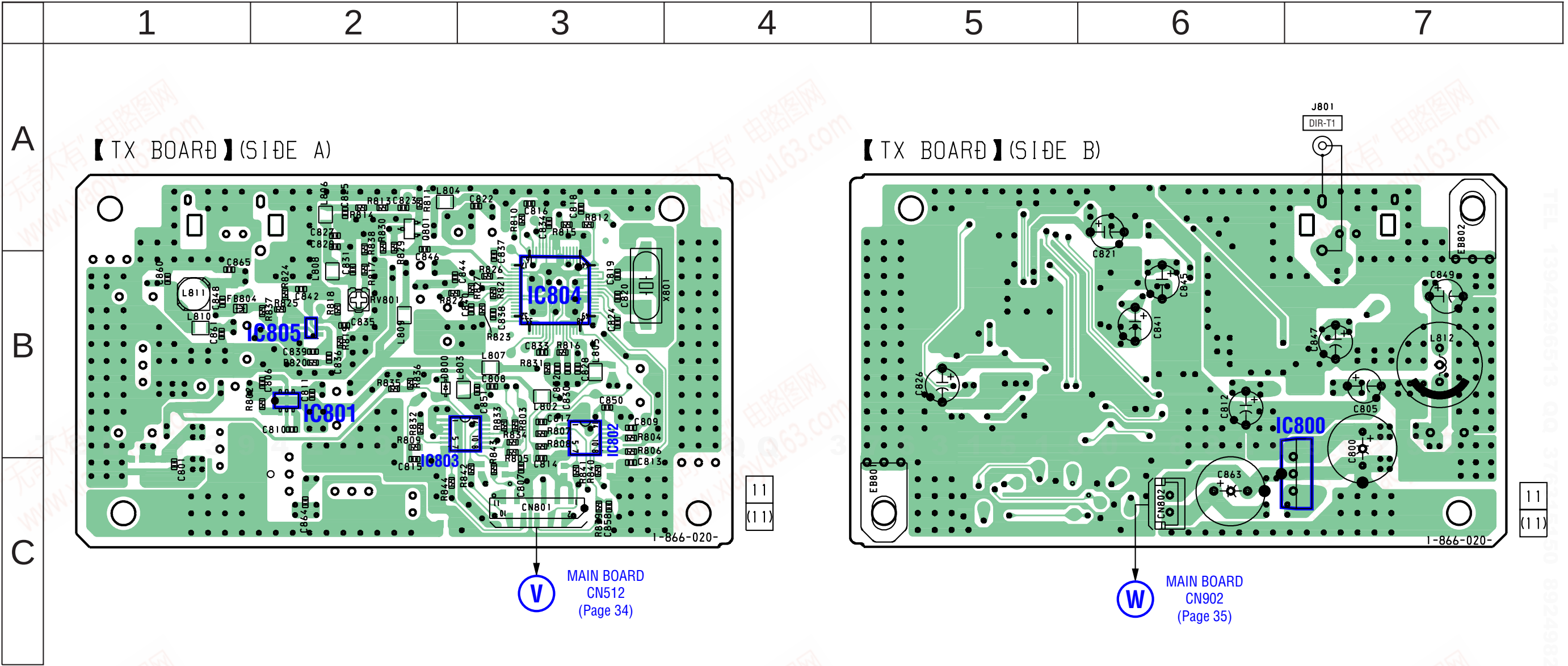
• See page 21 for Circuit Boards Location.  :Uses unleaded solder.



6-32. SCHEMATIC DIAGRAM – MS-203 BOARD –



6-33. PRINTED WIRING BOARD – TX BOARD – • See page 21 for Circuit Boards Location.  :Uses unleaded solder.

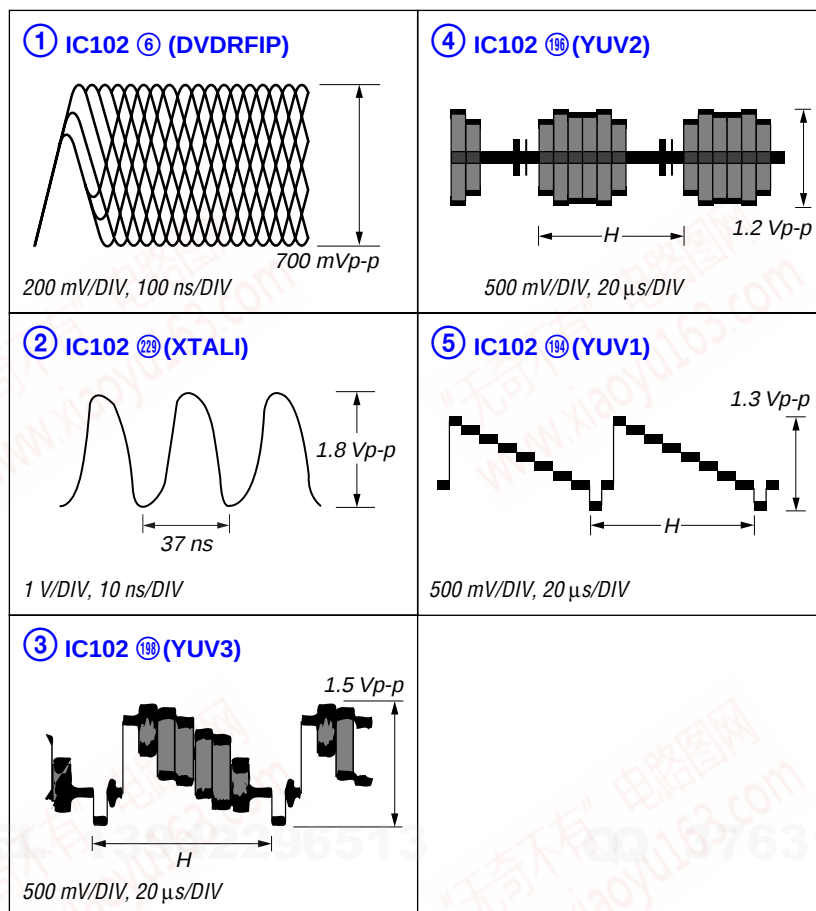


• Semiconductor Location

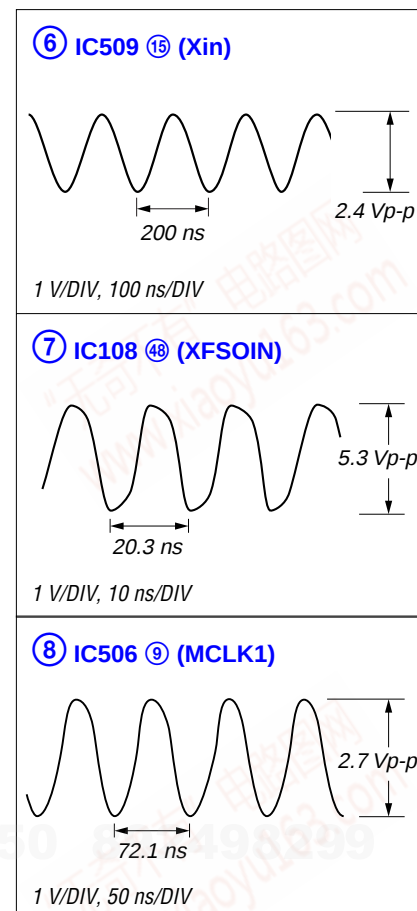
Ref. No.	Location
D800	B-2
IC800	B-7
IC801	B-2
IC802	B-3
IC803	B-2
IC804	B-3
IC805	B-2
Q801	A-2

• Waveforms

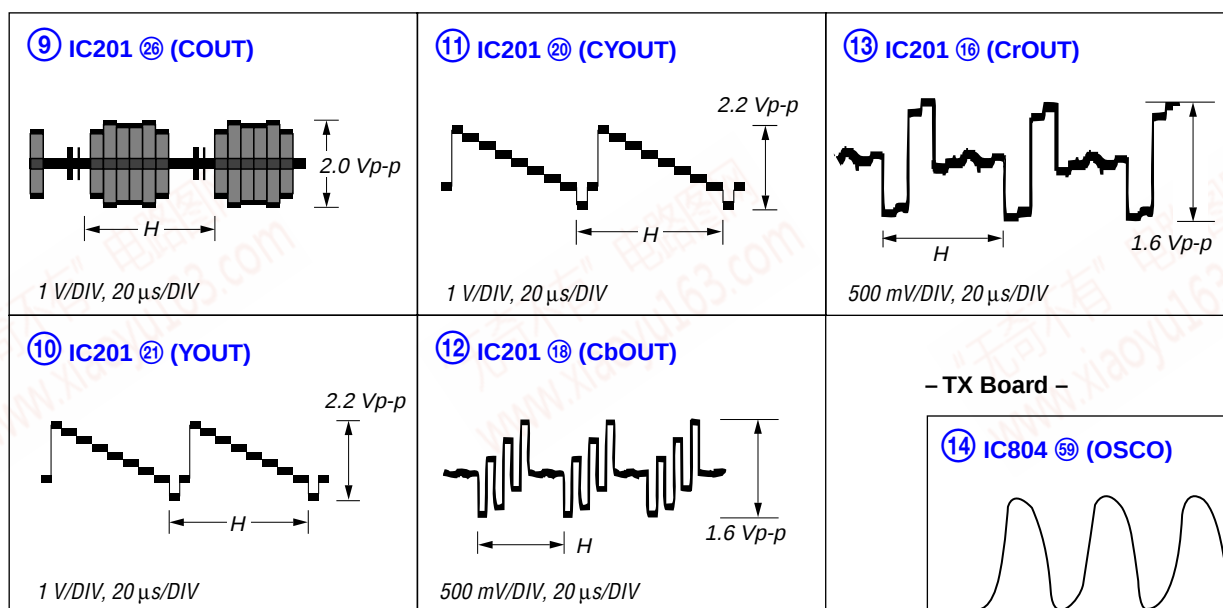
– DMB10 Board –



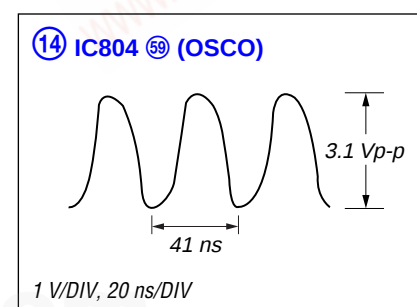
– MAIN Board –



– I/O Board –



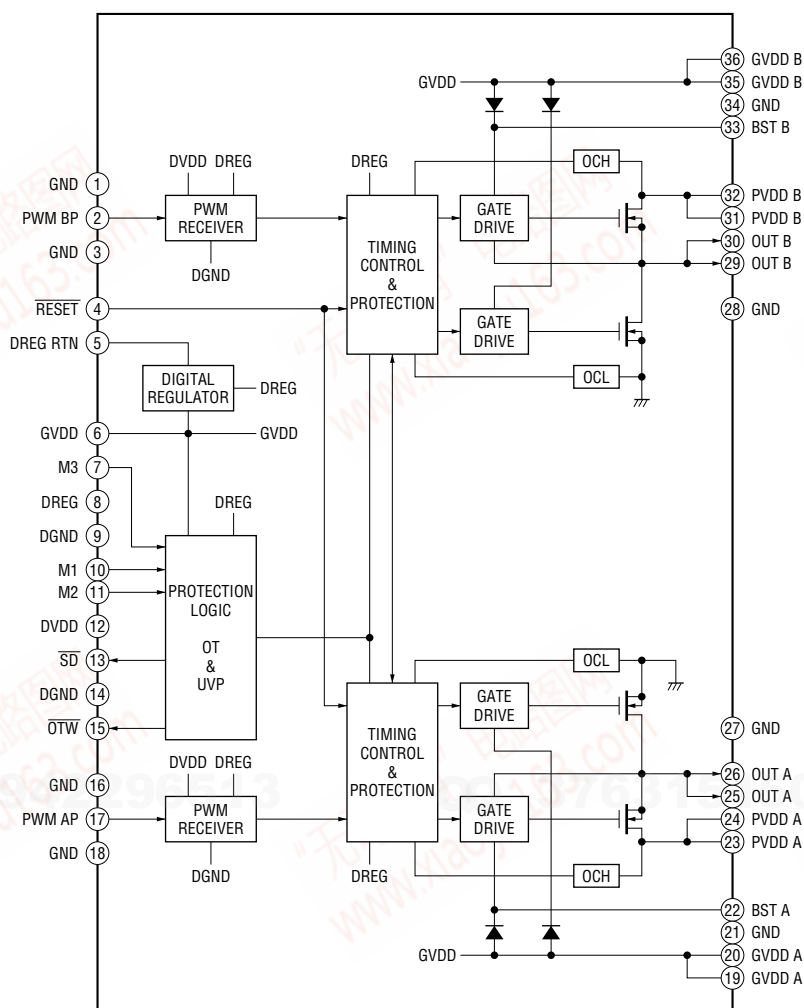
– TX Board –



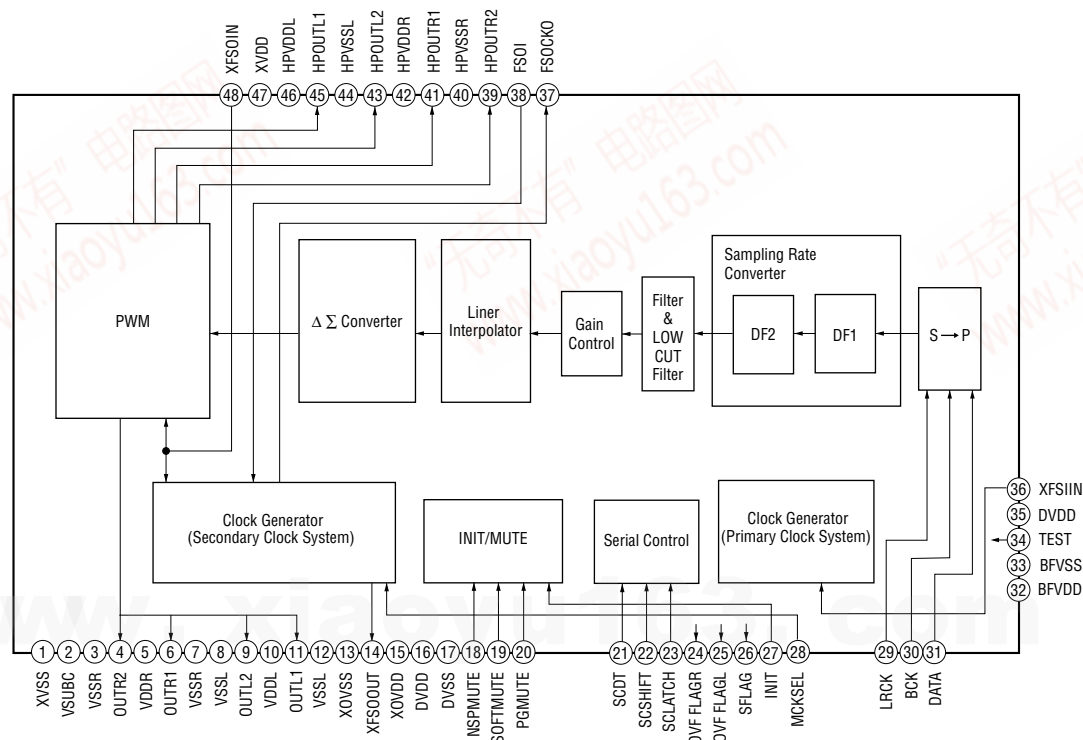
• IC Block Diagrams

– MAIN Board –

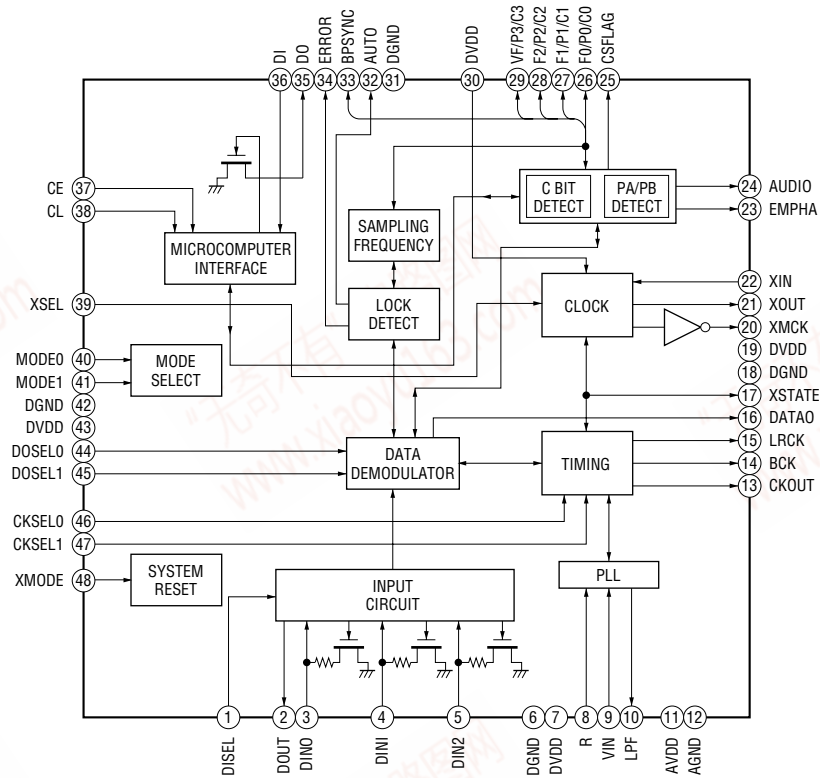
IC101, IC102, IC105, IC106, IC107 CXD9774M, CXD9775M



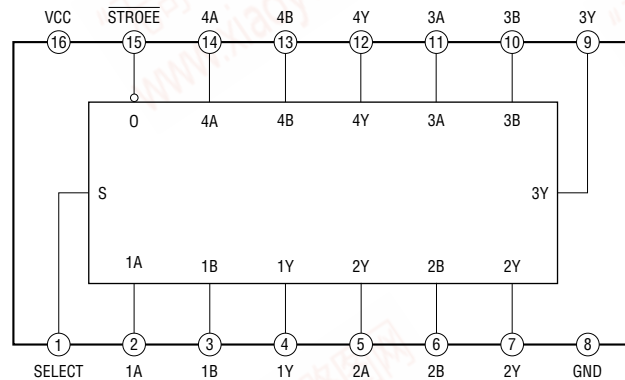
IC108, IC110 CXD9843AR



IC505 LC89056W-E

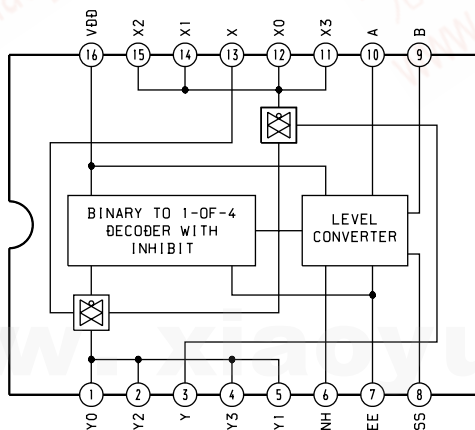


IC514 SN74LV157APWR

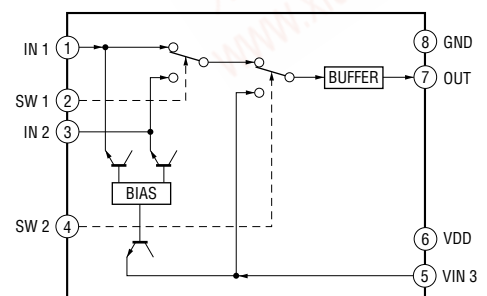


- I/O Board -

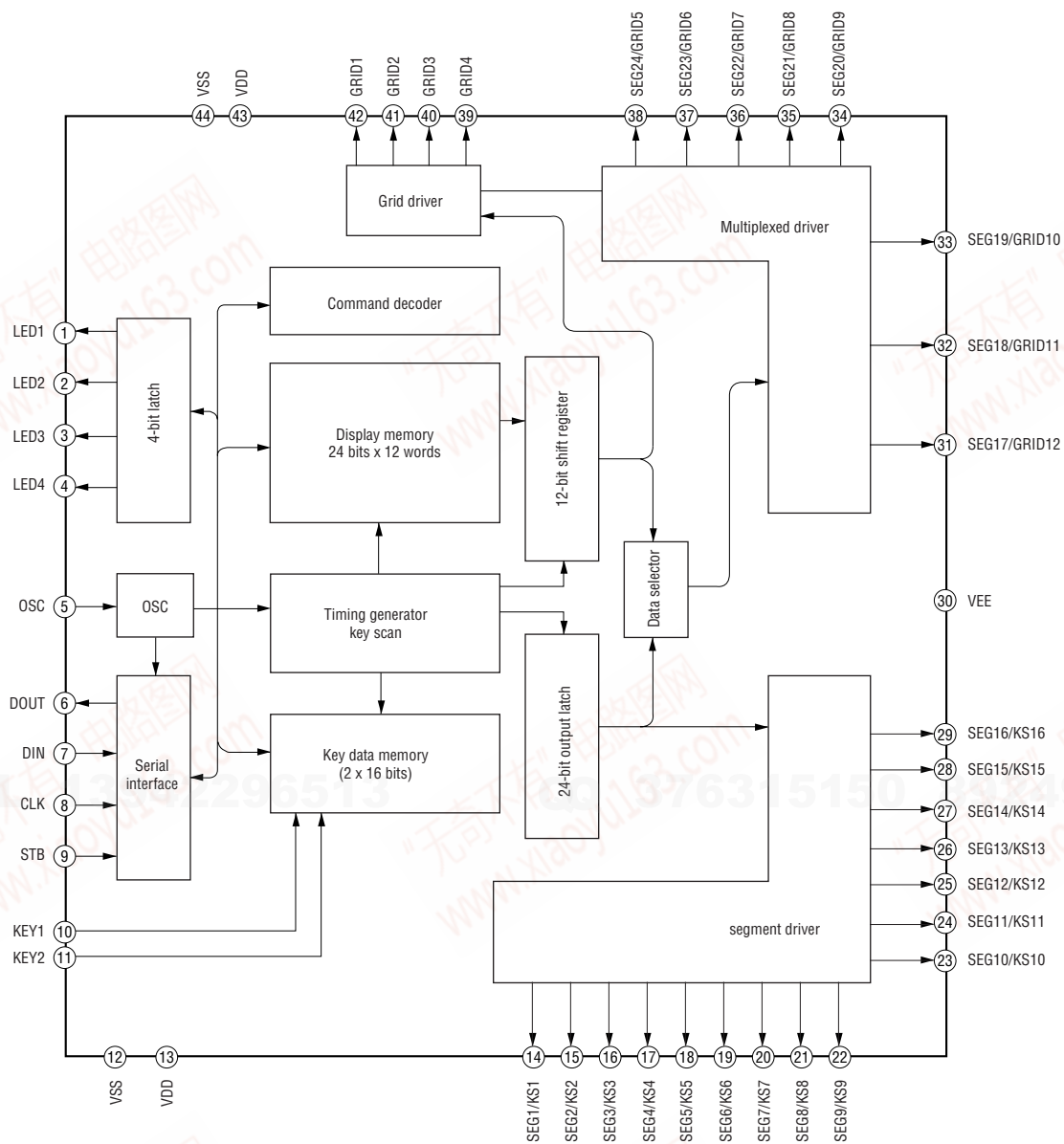
IC601 MC14052BDR2



IC203 NJM2235V (TE2)

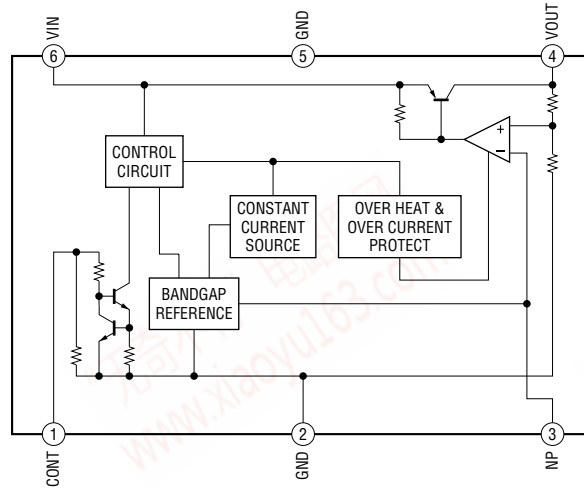


– FL Board –
IC802 PT6315

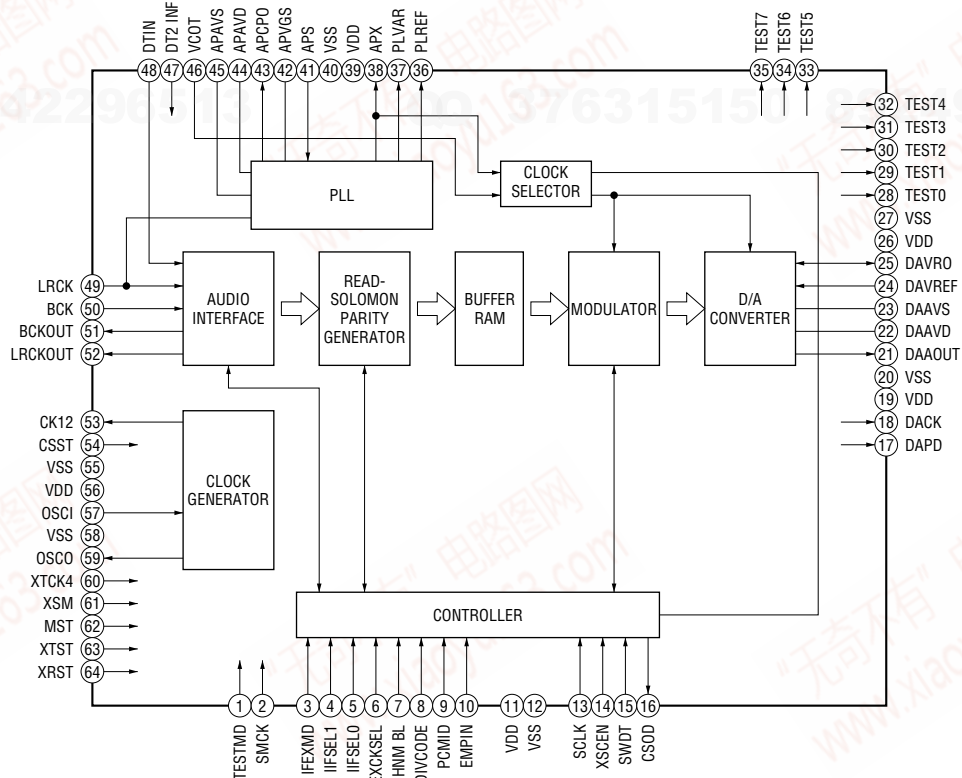


– TX Board –

IC801 TK11225CMCL-G



IC804 CXD4016R



HCD-DZ770W**• IC Pin Function Description****MAIN BOARD IC509 M30622MGP-A12FPU0 (SYSTEM CONTROLLER)**

Pin No.	Pin Name	I/O	Description
1	DAMP SCDT/ DIAT_SDATA	O	Digital amp (IC108 to 110) data output
2	DAMP SHIFT/ DIAT_SCLK	O	Digital amp (IC108 to 110) data output (not used)
3	XSCEN	O	Voltage control for amp (not used)
4	SIRCS_IN	I	Sircs input
5	DSP_DIN/DIR_DIN	O	DSP /DIR data out (not used)
6	DSP_DOUT	I	DSP data in (not used)
7	DSP_CLK/DIR_CLK	O	DSP/DIR clock (not used)
8	BYTE	—	Ground terminal
9	CNVSS	I	Ground terminal
10	EN_A	I	Volume signal input from ENCODER (A)
11	EN_B	I	Volume signal input from ENCODER (B)
12	RESET	I	System reset signal input
13	XOUT	O	Crystal input for main cock
14	VSS	—	Ground terminal
15	XIN	I	Crystal output for main clock
16	VCC	—	Power supply (+3.3V)
17	NMI	I	Not used
18	DIR ZERO	I	DIR zero in (not used)
19	DIR_CSFLAG	I	DIR csflag in (not used)
20	AC_CUT	I	Detect AC-CUT (primary power off)
21	XRST	O	XRST signal output (not used)
22	V-CONTROL	O	Voltage control output (not used)
23	DIAT_CSOD	I	DIAT CSOB signal output (not used)
24	FL_CLK/LED_CLK	O	FL driver (IC802) / LED driver (IC803) clock
25	MAMUTE	I	MAMUTE Signal input from DVD RF (IC102)
26	LED LAT	O	LED driver latch
27	FL_D_OUT/LED_DATA	O	FL driver (IC802) / LED Driver (IC803) data out
28	FL_CS/STB	O	FL driver (IC802) chip select
29	12C_CLK	I	12C clock input
30	12C_DATA	I	12C data input
31	DVD SID/TXDI	O	SID data output to DVD RF (IC102)
32	DVD SOD/RXDI	I	SOD data input from DVD RF (IC102)
33	DVD SCO/CLK1	I	Clock signal input from DVD RF (IC102)
34	DVD XIFBUSY/RTS1	O	IFBUSY signal output to DVD RF (IC102)
35	(NO USE)	—	Not used
36	(NO USE)	—	Not used
37	(NO USE)	—	Not used
38	SEL1FS	—	DIR_SELECT/Flash Write RTS1 (not used)
39	DVD XIFCS	O	DVD RF (IC102) chip select signal
40	P_CONT1	O	IC REG control signal
41	EMP/FL_RESET	O	Not used
42	SEN	O	OCSW signal output (not used)
43	MTK XRST	O	DVD reset signal
44	P_CONT2	O	IC REG control signal
45	DEVICE	O	Not used

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Pin No.	Pin Name	I/O	Description
46	CE	O	Flash Write CE (not used)
47	DRIVE_RST(EN)	O	Driver signal reset
48	DRIVE_OCP(DIAG)	I	Digital amp (power driver) diag
49	OVERFLOW1	I	Over flow status1 of digital amp (IC110)
50	OVERFLOW2	I	Over flow status2 of digital amp (IC108 to 110)
51	DAMP LATCH1	O	Digital amp (IC108) chip select1 signal output
52	DAMP LATCH2	O	Digital amp (IC109) chip select2 signal output
53	DAMP LATCH3	O	Digital amp (IC110) chip select3 signal output
54	DAMP INIT	O	Digital amp (IC108 to 110) reset signal output
55	DAMP SOFT MUTE	O	Digital amp (IC108 to 110) soft muting output
56	HP SW	I	Switch headphone is insert
57	HP MUTE	O	Control of muting headphone signal
58	DSP_ACK	I	DSP acknowledge (not used)
59	DSP_GP9	I	DSP GP9 in (not used)
60	DSP_XRST	O	DSP reset (not used)
61	DSP_HCE	O	DSP chip enable (not used)
62	VCC	—	Power supply (+3.3V)
63	DSP_BST	O	DSP bootstrap (for DSP INIT) (not used)
64	VSS	—	Ground terminal
65	DSP_PM	O	DSP pll initial (not used)
66	DIR_RST	O	DIR reset out (not used)
67	DIR_HCE	O	DIR chip enable signal output (not used)
68	DIR_RERR	I	DIR error input (not used)
69	DIR_XSTATE	I	DIR change clock status (not used)
70	DIR_HDOUT	I	DIR Data input (not used)
71	DSP_SKIP	O	DSP GP12 (not used)
72	AD_RST	O	ADC reset (not used)
73	MODEO	—	Not used
74	KEY_INT	I	Wakeup from ECO mode by key input
75	RDS-CLK/MIC-CLK	O	Tuner RDS clock output
76	RDS-DATA/MIC-DATA	I	Tuner RDS data input
77	PLL-CLK	O	Tuner clock
78	PLL-DO	O	Tuner data out (uCOM→pack)
79	PLL-CE	O	Tuner chip enable
80	PLL-DI	I	Tuner data in (pack→uCOM)
81	AV_SELECT 0	O	Audio/Video select0
82	AV_SELECT 1	O	Audio/Video select1
83	AV_SELECT 2	O	Audio/Video select2
84	AV_SELECT 3	O	Audio/Video select3 (not used)
85	TUNED	I	Tuner pack tuned in
86	IO_CE	O	I/O expander chip enable / control of loading CD tray (open action)
87	IO_RESET	O	I/O expander reset / control of loading CD tray (close action)
88	IO_DI	I	I/O expander data in / SW2 of CDM
89	IO_DO	O	I/O expander data out / SW3 of CDM
90	IO_CLK	O	I/O expander clock
91	IPOD/MIC SW	O	Audio signal mute control output
92	DESTINATION	I	Destination select

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Pin No.	Pin Name	I/O	Description
93	MODEL	I	Model select
94	KEY2	I	Key input 2
95	KEY1	I	Key input 1
96	VSS	—	Ground
97	KEY0	I	Key input 0
98	VREF	I	Reference Voltage (+3.3V)
99	VCC	I	Power supply (+3.3V)
100	M-ST/WMUTE	O	Selector (IC503) WMUTE signal

DMB10 BOARD IC102 CXD9804R

(CD/DVD RF AMP, FOCUS/TRACKING ERR AMP, DVD SYSTEM PROCESSOR, DIGITAL SERVO PROCESSOR)

Pin No.	Pin Name	I/O	Description
1	AGND	—	Terminal Ground
2	DVDA	I	AC coupled input path A
3	DVDB	I	AC coupled input path B
4	DVDC	I	AC coupled input path C
5	DVDD	I	AC coupled input path D
6	DVDRFIP	I	AC coupled DVD RF signal input RFIP
7	DVDRFIN	I	AC coupled DVD RF signal input RFIN (not used)
8	NA	I	DC coupled main-beam RF signal input A
9	NB	I	DC coupled main-beam RF signal input B
10	MC	I	DC coupled main-beam RF signal input C
11	MD	I	DC coupled main-beam RF signal input D
12	SA	I	DC coupled sub-beam RF signal input A (not used)
13	SB	I	DC coupled sub-beam RF signal input B (not used)
14	SC	I	DC coupled sub-beam RF signal input C (not used)
15	SD	I	DC coupled sub-beam RF signal input D (not used)
16	CDFON	I	CD focusing error negative input (not used)
17	CDFOP	I	CD focusing error positive input (not used)
18	TNI	I	3 beam satellite PD signal negative input
19	TPI	I	3 beam satellite PD signal positive input
20	MDI1	I	Laser power PD monitor input
21	MDI2	I	Laser power PD monitor input
22	LDO2	O	Laser drive output
23	LDO1	O	Laser drive output
24	SVDD3	—	Power Supply (+3.3V)
25	CSO	O	Central servo, Positive main beam summing output (not used)
26	RFLVL	O	RFRP low pass, or Positive main beam summing output (not used)
27	SGND	—	Terminal Ground
28	V2REFO	O	Reference voltage 2.8V
29	V2O	O	Reference voltage 2.0V
30	VREFO	O	Reference voltage 1.4V
31	FEO	O	Focus error monitor output (not used)
32	TEO	O	Tracking error monitor output (not used)
33	TEZISLY	O	TE Slicing Level (not used)
34	OPOUT	O	Op amp output (not used)
35	OPIN	I	Op amp negative input (not used)
36	OPIN	I	Op amp positive input (not used)
37	DMO	O	Disk motor control output. PWM output
38	FMO	O	Feed motor control. PWM output
39	TROPENPWM	O	Tray PWM output/Tray open output.
40	IOPMON	O	General PWM output
41	TRO	O	Tracking servo output
42	FOO	O	Focus servo output
43	USBVSS	—	Terminal Ground
44	USBP	I	USB port DPLUS analog pin (not used)
45	USBM	I	USB port DMINUS analog pin (not used)
46	USBVDD3	—	Power Supply (+3.3V)
47	SPFGG	I	Motor Hall sensor input

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Pin No.	Pin Name	I/O	Description
48	AN0	I	Not Used
49	AN1	I	Not Used
50	AN2	I	Not Used
51	MAMUTE	O	MAMUTE signal output to System Controller (IC509) (not used)
52	DVDD18	—	Power Supply (+1.8V)
53 to 58	IOA 2 to 7	O	Address bus 2 to 7 output to PROM (IC101)
59	HIGHA0	O	Address bus 8 output to PROM (IC101)
60, 61	IOA18, 19	O	Address bus 18, 19 output to PROM (IC101)
62	DVSS	—	Terminal Ground
63	APLLCAP	I	APLL External Capacitance connection
64	APLLVSS	—	Terminal Ground
65	DVDD3	—	Power Supply (+3.3V)
66	I OWA	O	WE signal output to PROM (IC101)
67	A16	O	Address bus 16 output to PROM (IC101)
68 to 72	HIGHA 7 to 3	O	Address bus 15 to 11 output to PROM (IC101)
73	DVDD3	—	Power Supply (+3.3V)
74, 75	HIGHA 2, 1	O	Address bus 10, 9 output to PROM (IC101)
76	IOA20	O	Address bus 20 output to PROM (IC101)
77	IOCS	O	CE signal output to PROM (IC101)
78	IOA1	O	Address bus 1 output to PROM (IC101)
79	IOOE	O	OE signal output to PROM (IC101)
80	DVDD3	—	Power Supply (+3.3V)
81 to 84	AD 0 to 3	I	Data bus 0 to 3 input from PROM (IC101)
85	DVSS	—	Terminal Ground
86 to 88	AD 4 to 6	I	Data bus 4 to 6 input from PROM (IC101)
89	IOA21	O	Address bus 21 output to PROM (IC101)
90	ALE	O	Address latch enable (not used)
91	AD7	I	Data bus 7 input from PROM (IC101)
92	A17	O	Address bus 17 output to PROM (IC101)
93	IOA0	O	Address bus 0 output to PROM (IC101)
94	DVSS	—	Terminal Ground
95	UWA	I	System Controller write strobe (not used)
96	URB	I	System Controller read strobe (not used)
97	DVDD18	—	Power Supply (+1.8V)
98	IFSDO	I	DVD SOD signal input from System Controller (IC509)
99	IFCK	O	DVD SCO signal output to System Controller (IC509)
100	XIFCS	I	DVD XIFCS signal input from System Controller (IC509)
101	IFSDI	I	VIFBUSY signal input from System Controller (IC509)
102	SCL	O	SCL signal output to EEPROM (IC103)
103	SDA	O	SDA signal output to EEPROM (IC103)
104	TRG-SW	O	RS232 RXD signal output (not used)
105	IF-BSY	I	RS232 TXD signal input from System Controller (IC509)
106	RXD	I	RD232 RXD clock
107	TXD	I	RD232 TXD data
108	DVDD3	—	Power Supply (+3.3V)
109	ICE	I	ICE mode enable (not used)
110	PRST	I	MTRST signal input from System Controller (IC509)

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Pin No.	Pin Name	I/O	Description
111	IR	I	IR control signal input (not used)
112	INT0	I	External interrupt0 (not used)
113	DQMO	O	DQM0 signal output to SD-RAM (IC104)
114	MREQ	I	DQM signal input
115	RD7	I	Data bus 7 from SD-RAM (IC104)
116	DVSS	—	Terminal Ground
117, 118	RD 6, 5	I	Data bus 6, 5 from SD-RAM (IC104)
119	DVSS	—	Terminal Ground
120, 121	RD 4, 3	I	Data bus 4, 3 from SD-RAM (IC104)
122	DVDD18	—	Power Supply (+1.8V)
123 to 125	RD 2 to 0	I	Data bus 2 to 0 from SD-RAM (IC104)
126	RD15	I	Data bus 15 from SD-RAM (IC104)
127	DVDD3	—	Power Supply (+3.3V)
128	RD 14	I	Data bus 14 from SD-RAM (IC104)
129 to 133	RD 13 to 9	I	Data bus 13 to 9 from SD-RAM (IC104)
134	DVSS	—	Terminal Ground
135	RD8	I	Data bus 8 from SD-RAM (IC104)
136	GPI0	—	Not Used
137	DQM1	O	DQM1 signal output to SD-RAM (IC104)
138	REW	O	WE signal output to SD-RAM (IC104)
139	CAS	O	CAS signal output to SD-RAM (IC104)
140	RAS	O	RAS signal output to SD-RAM (IC104)
141	DVDD3	—	Power Supply (+3.3V)
142	RCS	O	RCS signal output to SD-RAM (IC206)
143	BAO	O	BAO signal output to SD-RAM (IC206)
144	DVSS	—	Terminal Ground
145	BA1	O	BA1 signal output to SD-RAM (IC104)
146	RA10	O	Address bus 10 output to SD-RAM (IC104)
147	RA0	O	Address bus 0 output to SD-RAM (IC104)
148	DVSS	—	Terminal Ground
149 to 151	RA 1 to 3	O	Address bus 1 to 3 output to SD-RAM (IC104)
152	DVDD18	—	Power Supply (+1.8V)
153	RVREF	I	Reference voltage
154	RCLKB	I	Dram clock
155	DVDD3	—	Power Supply (+3.3V)
156	RCLK	O	CLK signal output to SD-RAM (IC104)
157	CKE	O	CKE signal output to SD-RAM (IC104)
158 to 160	RA 11 to 8	O	Address bus 11 to 8 output to SD-RAM (IC104)
161	DVSS	—	Terminal Ground
162	RA7	O	Address bus 7 output to SD-RAM (IC104)
163	DVSS	—	Terminal Ground
164 to 166	RA 6 to 4	O	Address bus 6 to 4 output to SD-RAM (IC104)
167	DVDD3	—	Power Supply (+3.3V)
168	DISC/X	—	Not Used
169	RGB	O	RGB control signal output
170	XSMRST	—	Not Used
171	WODE	O	SI signal output to VIDEO AMP (IC201)

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Pin No.	Pin Name	I/O	Description
172	NT	—	Not Used
173	DVDD18	—	Power Supply (+1.8V)
174	EUR	—	Not Used
175	DVSS	—	Terminal Ground
176	LIMSW	O	LIMSW signal output to Optical pick-up
177	OCSW	I	SEN signal input from System Controller (IC509)/OCSW signal input
178	VCLK	—	Not Used
179	CKSW	I	CKSW signal input
180	IO3	—	Not Used
181	TSDM	O	TSDM signal output to Motor driver (IC201)
182	DVDD3	—	Power Supply (+3.3V)
183	MUTE	O	MUTE signal output to Motor driver (IC201)
184	MUTE123	O	MUTE signal output to Motor driver (IC201)
185	REW	O	REV signal output to Motor driver (IC201)
186	FWD	O	FWD signal output to Motor driver (IC201)
187	MSW	O	Volume control signal output to Optical pick-up
188	DSEL	O	Select signal output
189	DAVCC	—	Power Supply (+3.3V)
190	VREF	I	Bandgap reference voltage (not used)
191	FS	O	Full scale adjustment (pull down)
192	YUV0	—	Not Used
193	DVSS	—	Terminal Ground
194	YUV1	O	Y signal output to VIDEO AMP (IC201)
195	DAVDD	—	Power Supply (+3.3V)
196	YUV2	O	CHROMA signal output to VIDEO AMP (IC201)
197	DVSS	—	Terminal Ground
198	YUV3	O	VIDEO signal output to VIDEO AMP (IC201)
199	DAVDD	—	Power Supply (+3.3V)
200	YUV4	O	G signal output to VIDEO AMP (IC201)
201	DVSS	—	Terminal Ground
202	YUV5	O	B signal output to VIDEO AMP (IC201)
203	YUV6	O	R signal output to VIDEO AMP (IC201)
204	DVDD3	—	Power Supply (+3.3V)
205	MIC/VSYN	—	Not Used
206	VOICE/YUV7	—	Not Used
207	KRMOB/HSYN	—	Not Used
208	SMSCK	—	Not Used
209	SPDATA/SMSDI	I	Audio data of SPDIF input
210	SMSDO	—	Not Used
211	XSMCS	—	Not Used
212	DVDD3	—	Power Supply (+3.3V)
213	ALRCK	I	Audio left/right channel clock
214	ABCK	O	Audio bit clock
215	ACLK	I	Audio DAC master clock
216	DVSS	—	Terminal Ground
217	ASDATA0	O	Audio serial data
218	ASDATA1	O	Audio serial data

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Pin No.	Pin Name	I/O	Description
219	ASDATA2	O	Audio serial data
220	XRST	—	Not Used
221	DVDD18	—	Power Supply (+1.8V)
222	ASDATA4	O	Audio serial data (not used)
223	DVSS	—	Terminal Ground
224	DWIDE	—	Not Used
225	SDPIF	—	SPDIF output (not used)
226	RFGND18	—	Terminal Ground
227	RFVDD18	—	Power Supply (+1.8V)
228	ZTALO	O	Oscillator output signal
229	ZTALI	I	Oscillator input signal
230	JITFO	O	RF jitter meter output
231	JITFN	I	Negative input of operation amplifier for RF jitter meter
232	PLLSS	—	Terminal Ground
233	IDAC	—	Not Used
234	PLLVD3	—	Power Supply (+3.3V)
235	LPFON	O	Negative output of loop filter amplifier
236	LPFIP	I	Positive input of loop filter amplifier
237	LPFIN	I	Negative input of loop filter amplifier
238	LPFOP	O	Positive output of loop filter amplifier
239	VDD3	I	Power Supply (+3.3V)
240	VCM	I	SACD-Common mode Reference
241	VSS	—	Terminal Ground
242	VREEP	I	SACD-TOP Reference
243	VREEN	I	SACD-Bottom Reference
244	RFVDD3	—	Power Supply (+3.3V)
245	RFRPDC	I	RFRP signal input
246	RFRPAC	I	RFRP signal input
247	HRFZC	I	High frequency RF ripple zero crossing
248	CRTPLP	O	Defect level filter capacitor connecting
249	RFGND	—	Terminal Ground
250	CEQP	O	EQ offset loop capacitance (not used)
251	CEQN	O	EQ offset loop capacitance (not used)
252	OSP	O	RF offset cancellation capacitor connecting
253	OSN	I	RF offset cancellation capacitor connecting
254	RFGC	O	RF offset loop capacitor connecting for DVD-ROM
255	IREF	I	Current reference input
256	AVDD3	—	Power Supply (+3.3V)

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SECTION 7 EXPLODED VIEWS

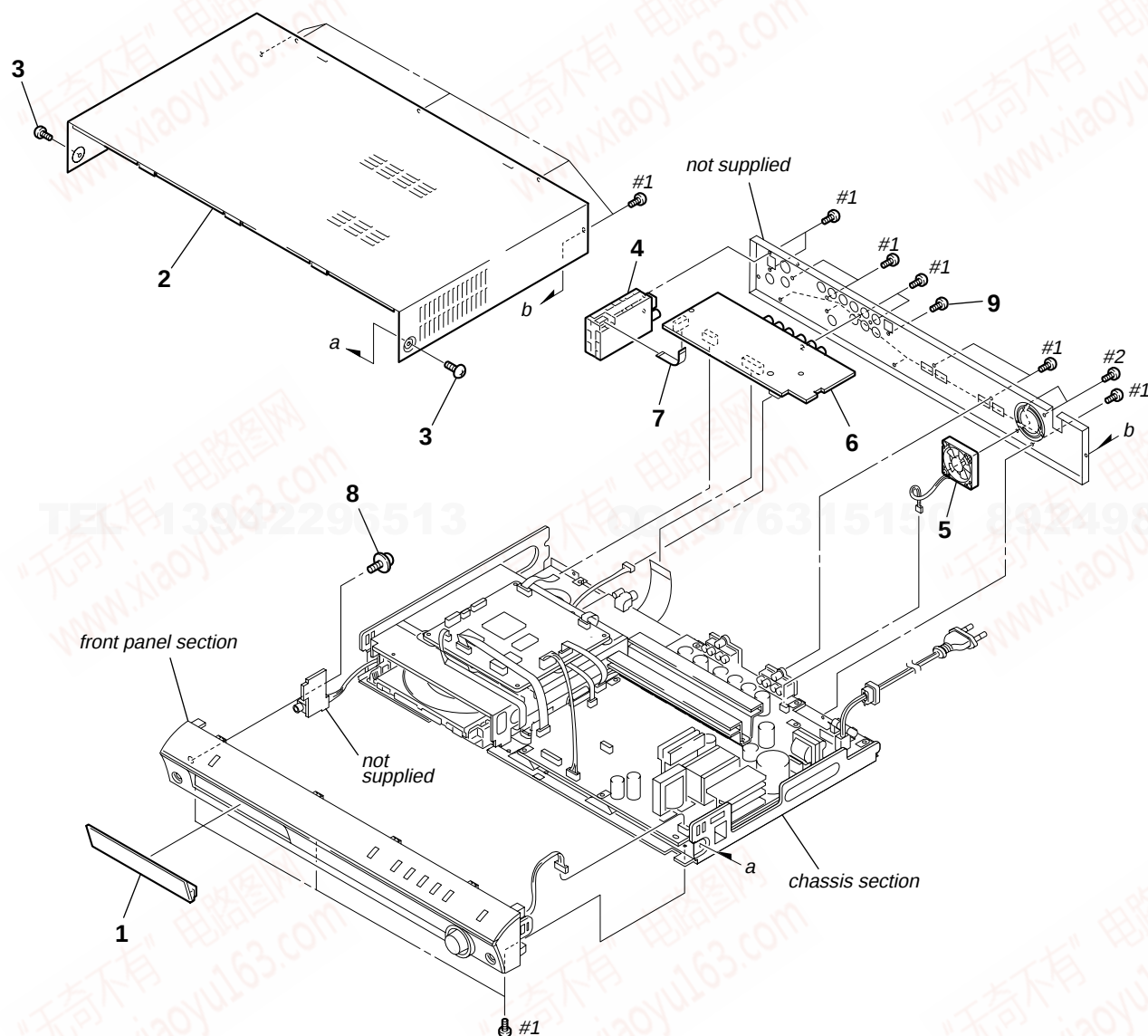
NOTE:

- XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- The mechanical parts with no reference number in the exploded views are not supplied.
- Abbreviation
AUS : Australian model
E3 : 240V AC area in E model
KR : Korean model
SP : Singapore model

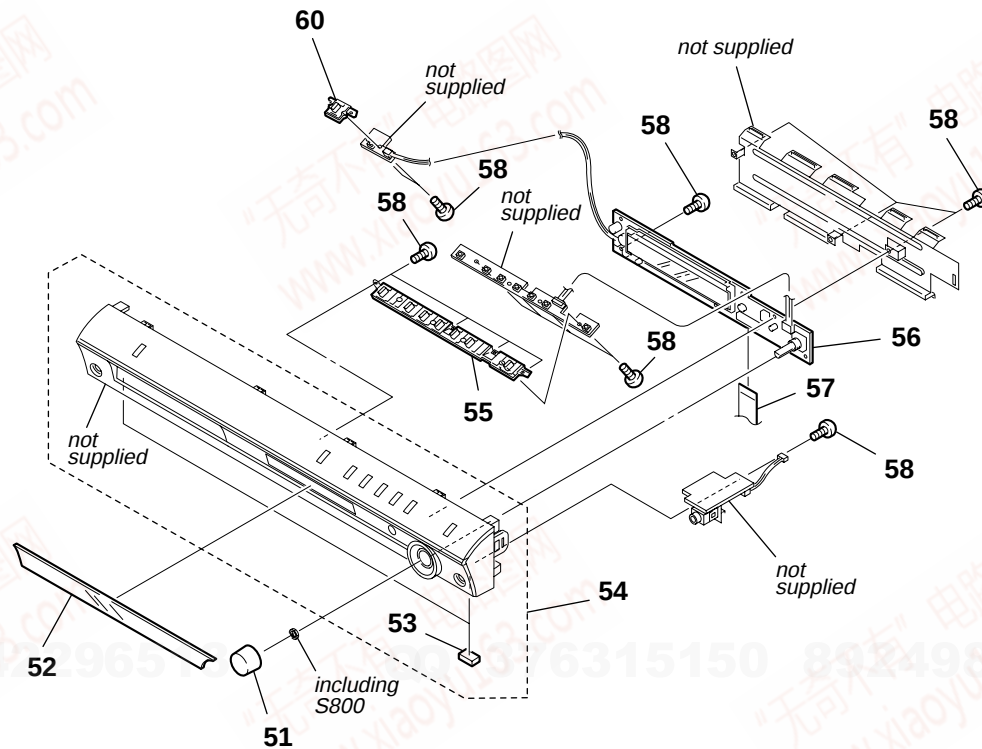
The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

7-1. OVERALL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	X-2025-254-1	DVD LID ASSY (KR)		6	A-1124-464-A	I/O BOARD, COMPLETE (KR)	
2	2-546-005-01	CASE		7	1-828-952-11	WIRE (FLAT TYPE) (9 CORE)	
3	3-363-099-51	SCREW (CASE 3 TP2)		8	4-985-672-01	SCREW (+PTPWHM2.6), FLOATING	
4	A-1074-641-A	TUNER UNIT (DTP-005) (EXCEPT KR)		9	3-087-053-01	+BVTP2.6 (3CR)	
4	A-1074-643-A	TUNER UNIT (DTP-005) (KR)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
5	1-787-331-11	FAN, D.C.		#2	7-685-881-09	SCREW +BVTT 4X8 (S)	
6	A-1116-260-A	I/O BOARD, COMPLETE (EXCEPT KR)					

7-2. FRONT PANEL SECTION

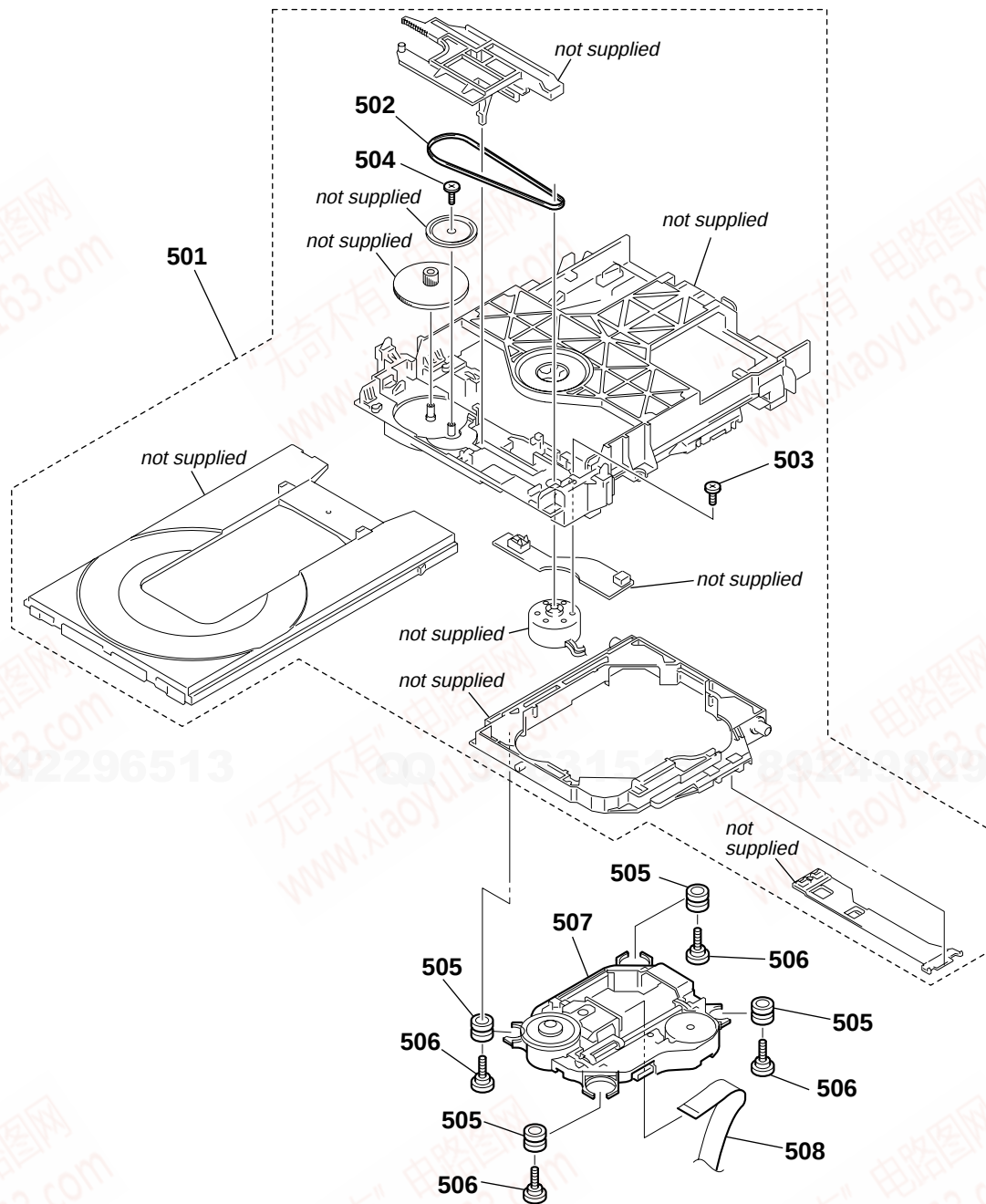


Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	2-546-006-01	KNOB (VOL)		56	A-1088-414-A	FL BOARD, COMPLETE	
52	2-546-002-01	WINDOW (FL)		57	1-828-361-11	WIRE (FLAT TYPE) (19 CORE)	
53	4-232-478-41	FOOT		58	4-931-757-31	SCREW (DIA.2.6X8) (IT3B), TAPPING (KR)	
54	X-2059-547-2	FRONT PANEL ASSY		58	3-087-053-01	+BVTP2.6 (3CR) (EXCEPT KR)	
55	2-546-004-01	BUTTON (PLAY)		60	2-546-003-01	BUTTON (POWER)	

7-3. CHASSIS SECTION

<http://www.xiaovu163.com>

7-4. DVD MECHANISM DECK SECTION (CDM85-DVBU102)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
501	A-6071-669-A	LOADING ASSY (M) (EXCEPT KR)		504	4-674-137-11	SCREW (PTP2X5)	
501	A-6071-679-B	LOADING ASSY (JC) (KR)		505	2-634-618-01	INSULATOR	
502	3-088-371-01	BELT		506	3-087-599-01	INSULATOR SCREW	
503	4-974-725-11	SCREW (M1.7X2.5), P		△507	8-820-290-02	OPTICAL PICK-UP (KHM-310CAA/C2RP)	
				508	1-830-550-11	WIRE (FLAT TYPE) (24 CORE)	

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DMB10

SECTION 8 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.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
uF: μ F

- COILS
uH: μ H
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable
- SEMICONDUCTORS
In each case, u: μ , for example:
uA. : μ A., uPA. : μ PA.,
uPB. : μ PB., uPC. : μ PC.,
uPD. : μ PD.

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

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

- Abbreviation
AUS : Australian model
E3 : 240V AC area in E model
KR : Korean model
SP : Singapore model

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-1116-267-A	DMB10 BOARD, COMPLETE (E3, AUS)		C147	1-165-176-11	CERAMIC CHIP 0.047uF 10% 16V	
	A-1117-292-A	DMB10 BOARD, COMPLETE (SP)		C148	1-165-176-11	CERAMIC CHIP 0.047uF 10% 16V	
	A-1124-473-A	DMB10 BOARD, COMPLETE (KR)		C149	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
	*****			C150	1-124-779-00	ELECT CHIP 10uF 20% 16V	
				C151	1-115-416-11	CERAMIC CHIP 0.001uF 5% 25V	
		< CAPACITOR >					
C101	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		C152	1-162-916-11	CERAMIC CHIP 12PF 5% 50V	
C102	1-125-837-91	CERAMIC CHIP 1uF 10% 6.3V		C153	1-162-916-11	CERAMIC CHIP 12PF 5% 50V	
C105	1-126-205-11	ELECT CHIP 47uF 20% 6.3V		C154	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C106	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		C155	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C108	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V		C156	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C109	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V		C158	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C112	1-126-205-11	ELECT CHIP 47uF 20% 6.3V		C159	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C113	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		C160	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C114	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C161	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C115	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C162	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C116	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C163	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C117	1-124-779-00	ELECT CHIP 10uF 20% 16V		C164	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C118	1-124-779-00	ELECT CHIP 10uF 20% 16V		C167	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C119	1-124-779-00	ELECT CHIP 10uF 20% 16V		C170	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C120	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		C171	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C121	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		C172	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C122	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		C173	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C123	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		C174	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C124	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		C175	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C125	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C176	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C126	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C177	1-126-205-11	ELECT CHIP 47uF 20% 6.3V	
C127	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		C178	1-126-208-21	ELECT CHIP 47uF 20% 4V	
C128	1-162-965-11	CERAMIC CHIP 0.0015uF 10% 50V		C179	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C129	1-124-779-00	ELECT CHIP 10uF 20% 16V		C180	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C130	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C181	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C131	1-125-838-11	CERAMIC CHIP 2.2uF 10% 6.3V		C182	1-127-715-91	CERAMIC CHIP 0.22uF 10% 16V	
C132	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C184	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C133	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C187	1-126-208-21	ELECT CHIP 47uF 20% 4V	
C135	1-164-677-11	CERAMIC CHIP 0.033uF 10% 16V		C188	1-127-715-91	CERAMIC CHIP 0.22uF 10% 16V	
C136	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		C189	1-128-934-91	CERAMIC CHIP 0.33uF 20% 10V	
C137	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C190	1-126-205-11	ELECT CHIP 47uF 20% 6.3V	
C138	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V		C191	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C139	1-162-919-11	CERAMIC CHIP 22PF 5% 50V		C192	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C140	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C193	1-127-715-91	CERAMIC CHIP 0.22uF 10% 16V	
C141	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C195	1-127-715-91	CERAMIC CHIP 0.22uF 10% 16V	
C142	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C196	1-162-968-11	CERAMIC CHIP 0.0047uF 10% 50V	
C143	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C203	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C144	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		C205	1-164-230-11	CERAMIC CHIP 220PF 5% 50V	
C145	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		C206	1-164-230-11	CERAMIC CHIP 220PF 5% 50V	
C146	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C208	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
				C209	1-164-677-11	CERAMIC CHIP 0.033uF 10% 16V	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C210	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	FL108	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
C211	1-164-677-11	CERAMIC CHIP 0.033uF 10%	16V	FL401	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
C212	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	FL402	1-233-893-21	FILTER, CHIP EMI	
C213	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	FL403	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
C214	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V	FL4501	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
C215	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	< IC >			
C217	1-126-204-11	ELECT CHIP 47uF 20%	16V	IC101	6-805-705-01	IC S29JL032H70-OED1-0503CE (E3, AUS)	
C218	1-124-779-00	ELECT CHIP 10uF 20%	16V	IC101	6-805-706-01	IC S29JL032H70-OED1-0503GA (SP, KR)	
C219	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	IC102	6-706-727-01	IC CXD9804R	
C220	1-124-779-00	ELECT CHIP 10uF 20%	16V	☆ IC103	not supplied	IC BR24L64F-WE2	
C221	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	IC104	6-706-390-11	IC HY57V641620HGTP-HDR	
C222	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	IC105	6-702-302-01	IC TK11133CSCL-G	
C223	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	IC106	6-708-153-01	IC PQ018EN01ZPH	
C224	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	IC107	6-702-302-01	IC TK11133CSCL-G	
C225	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V	IC201	6-704-524-01	IC FAN8036L	
C226	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V	IC4501	8-759-573-97	IC SN74LVC541APWR	
C233	1-162-968-11	CERAMIC CHIP 0.0047uF 10%	50V	< TRANSISTOR >			
C402	1-126-204-11	ELECT CHIP 47uF 20%	16V	Q101	6-550-008-01	TRANSISTOR UM6K1N-TN	
C403	1-126-205-11	ELECT CHIP 47uF 20%	6.3V	Q102	6-550-653-01	TRANSISTOR QST8TR	
C4501	1-117-370-11	CERAMIC CHIP 10uF	10V	Q103	8-729-027-52	TRANSISTOR RT1N241C-TP-1	
C4502	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	< RESISTOR >			
C4504	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	R101	1-216-809-11	METAL CHIP 100 5% 1/10W	
< CONNECTOR >				R104	1-216-864-11	SHORT CHIP 0 5% 1/10W	
CN101	1-815-763-11	CONNECTOR, FFC/FPC 24P		R105	1-216-833-11	METAL CHIP 10K 5% 1/10W	
* CN105	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P		R106	1-216-833-11	METAL CHIP 10K 5% 1/10W	
CN106	1-784-370-21	CONNECTOR, FFC/FPC 11P		R107	1-216-833-11	METAL CHIP 10K 5% 1/10W	
* CN201	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P		R108	1-216-857-11	METAL CHIP 1M 5% 1/10W	
CN202	1-784-365-21	CONNECTOR, FFC/FPC 5P		R109	1-216-864-11	SHORT CHIP 0 5% 1/10W	
CN301	1-793-989-21	CONNECTOR, FFC/FPC 13P		R110	1-216-841-11	METAL CHIP 47K 5% 1/10W	
CN401	1-779-993-11	PIN, CONNECTOR (PWB) 5P		R111	1-216-809-11	METAL CHIP 100 5% 1/10W	
CN4501	1-784-370-21	CONNECTOR, FFC/FPC 11P		R112	1-211-977-11	METAL CHIP 22 0.5% 1/10W	
< DIODE >				R113	1-211-977-11	METAL CHIP 22 0.5% 1/10W	
D1001	8-719-058-24	DIODE RB501V-40TE-17		R114	1-216-845-11	METAL CHIP 100K 5% 1/10W	
D3501	8-719-988-61	DIODE 1SS355TE-17		R115	1-211-977-11	METAL CHIP 22 0.5% 1/10W	
D3502	8-719-988-61	DIODE 1SS355TE-17		R116	1-216-821-11	METAL CHIP 1K 5% 1/10W	
< FERRITE BEAD >				R117	1-216-841-11	METAL CHIP 47K 5% 1/10W	
FB111	1-414-226-21	INDUCTOR, FERRITE BEAD		R118	1-216-801-11	METAL CHIP 22 5% 1/10W	
FB112	1-414-226-21	INDUCTOR, FERRITE BEAD		R120	1-216-801-11	METAL CHIP 22 5% 1/10W	
FB113	1-414-226-21	INDUCTOR, FERRITE BEAD		R121	1-216-801-11	METAL CHIP 22 5% 1/10W	
FB114	1-414-226-21	INDUCTOR, FERRITE BEAD		R123	1-216-864-11	SHORT CHIP 0 5% 1/10W	
FB115	1-414-226-21	INDUCTOR, FERRITE BEAD		R124	1-216-841-11	METAL CHIP 47K 5% 1/10W	
FB401	1-469-324-21	FERRITE, EMI (SMD) (2012)		R126	1-216-864-11	SHORT CHIP 0 5% 1/10W	
FB402	1-469-324-21	FERRITE, EMI (SMD) (2012)		R133	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
FB403	1-469-324-21	FERRITE, EMI (SMD) (2012)		R134	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
FB404	1-469-324-21	FERRITE, EMI (SMD) (2012)		R135	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
FB405	1-469-324-21	FERRITE, EMI (SMD) (2012)		R136	1-216-835-11	METAL CHIP 15K 5% 1/10W	
FB406	1-469-324-21	FERRITE, EMI (SMD) (2012)		R138	1-216-845-11	METAL CHIP 100K 5% 1/10W	
< FILTER >				R141	1-218-916-11	METAL CHIP 750K 5% 1/10W	
FL101	1-234-494-21	FILTER, EMI REMOVAL (SMD)		R142	1-216-845-11	METAL CHIP 100K 5% 1/10W	
FL104	1-234-494-21	FILTER, EMI REMOVAL (SMD)		R143	1-216-809-11	METAL CHIP 100 5% 1/10W	
FL105	1-234-494-21	FILTER, EMI REMOVAL (SMD)		R144	1-216-864-11	SHORT CHIP 0 5% 1/10W	
FL106	1-234-494-21	FILTER, EMI REMOVAL (SMD)		R151	1-216-805-11	METAL CHIP 47 5% 1/10W	
FL107	1-234-494-21	FILTER, EMI REMOVAL (SMD)		R152	1-216-864-11	SHORT CHIP 0 5% 1/10W	
				R153	1-216-805-11	METAL CHIP 47 5% 1/10W	

☆ IC103 is a written in and settled EEPROM. Supply with a single article has not been carried out. In case you exchange by DMB10 board, please put on IC103 currently used with the model again.

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Ref. No.	Part No.	Description	Remark
R155	1-216-805-11	METAL CHIP 47	5% 1/10W
R160	1-216-805-11	METAL CHIP 47	5% 1/10W
R161	1-216-809-11	METAL CHIP 100	5% 1/10W
R164	1-216-809-11	METAL CHIP 100	5% 1/10W
R169	1-216-833-11	METAL CHIP 10K	5% 1/10W
R187	1-216-864-11	SHORT CHIP 0	
R189	1-218-827-11	METAL CHIP 150	0.5% 1/10W
R190	1-218-827-11	METAL CHIP 150	0.5% 1/10W
R191	1-216-821-11	METAL CHIP 1K	5% 1/10W
R192	1-218-827-11	METAL CHIP 150	0.5% 1/10W
R193	1-216-821-11	METAL CHIP 1K	5% 1/10W
R195	1-218-827-11	METAL CHIP 150	0.5% 1/10W
R196	1-216-864-11	SHORT CHIP 0	
R197	1-218-827-11	METAL CHIP 150	0.5% 1/10W
R204	1-216-822-11	METAL CHIP 1.2K	5% 1/10W
R205	1-216-833-11	METAL CHIP 10K	5% 1/10W
R206	1-216-833-11	METAL CHIP 10K	5% 1/10W
R207	1-216-826-11	METAL CHIP 2.7K	5% 1/10W
R208	1-216-839-11	METAL CHIP 33K	5% 1/10W
R209	1-216-839-11	METAL CHIP 33K	5% 1/10W
R210	1-216-841-11	METAL CHIP 47K	5% 1/10W
R212	1-216-833-11	METAL CHIP 10K	5% 1/10W
R213	1-218-867-11	METAL CHIP 6.8K	5% 1/10W
R214	1-216-835-11	METAL CHIP 15K	5% 1/10W
R215	1-216-834-11	METAL CHIP 12K	5% 1/10W
R216	1-216-834-11	METAL CHIP 12K	5% 1/10W
R219	1-216-838-11	METAL CHIP 27K	5% 1/10W
R220	1-216-833-11	METAL CHIP 10K	5% 1/10W
R221	1-218-889-11	METAL CHIP 56K	0.5% 1/10W
R222	1-216-839-11	METAL CHIP 33K	5% 1/10W
R223	1-218-895-11	METAL CHIP 100K	0.5% 1/10W
R224	1-216-833-11	METAL CHIP 10K	5% 1/10W
R225	1-218-895-11	METAL CHIP 100K	0.5% 1/10W
R226	1-218-889-11	METAL CHIP 56K	0.5% 1/10W
R227	1-216-864-11	SHORT CHIP 0	
R228	1-216-864-11	SHORT CHIP 0	
R230	1-218-893-11	METAL CHIP 82K	0.5% 1/10W
R231	1-218-875-11	METAL CHIP 15K	0.5% 1/10W
R232	1-218-877-11	METAL CHIP 18K	0.5% 1/10W
R233	1-218-883-11	METAL CHIP 33K	0.5% 1/10W
R234	1-216-833-11	METAL CHIP 10K	5% 1/10W
R236	1-216-821-11	METAL CHIP 1K	5% 1/10W
R237	1-216-821-11	METAL CHIP 1K	5% 1/10W
R238	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R239	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R243	1-216-809-11	METAL CHIP 100	5% 1/10W
R246	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R247	1-216-821-11	METAL CHIP 1K	5% 1/10W
R308	1-216-864-11	SHORT CHIP 0	
R1101	1-216-825-11	METAL CHIP 2.2K	5% 1/10W
R1102	1-218-827-11	METAL CHIP 150	0.5% 1/10W
R1103	1-216-833-11	METAL CHIP 10K	5% 1/10W
R1104	1-216-833-11	METAL CHIP 10K	5% 1/10W
R1105	1-216-833-11	METAL CHIP 10K	5% 1/10W
R1107	1-216-864-11	SHORT CHIP 0	
R1108	1-216-833-11	METAL CHIP 10K	5% 1/10W
R1109	1-216-864-11	SHORT CHIP 0	

Ref. No.	Part No.	Description	Remark
R1110	1-216-826-11	METAL CHIP 2.7K	5% 1/10W
R1111	1-216-809-11	METAL CHIP 100	5% 1/10W
R1120	1-500-284-21	INDUCTOR, FERRITE BEAD	
R1121	1-500-284-21	INDUCTOR, FERRITE BEAD	
R1122	1-500-284-21	INDUCTOR, FERRITE BEAD	
R1123	1-500-284-21	INDUCTOR, FERRITE BEAD	
R1124	1-500-284-21	INDUCTOR, FERRITE BEAD	
R1125	1-500-284-21	INDUCTOR, FERRITE BEAD	
R1129	1-216-845-11	METAL CHIP 100K	5% 1/10W
R1133	1-216-864-11	SHORT CHIP 0	
R1134	1-216-864-11	SHORT CHIP 0	
R1150	1-216-827-11	METAL CHIP 3.3K	5% 1/10W
R1151	1-216-827-11	METAL CHIP 3.3K	5% 1/10W
R1152	1-216-827-11	METAL CHIP 3.3K	5% 1/10W
R1168	1-216-817-11	METAL CHIP 470	5% 1/10W
R1502	1-216-864-11	SHORT CHIP 0	
R1504	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
R1530	1-216-864-11	SHORT CHIP 0	
R1531	1-216-864-11	SHORT CHIP 0	
R1540	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R1542	1-216-864-11	SHORT CHIP 0	
R1543	1-216-833-11	METAL CHIP 10K	5% 1/10W
R1545	1-216-864-11	SHORT CHIP 0	
R1546	1-216-827-11	METAL CHIP 3.3K	5% 1/10W
R1547	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R1548	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R1549	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R1550	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R1551	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R1553	1-216-864-11	SHORT CHIP 0	
R1554	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R1555	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R1557	1-216-809-11	METAL CHIP 100	5% 1/10W
R2505	1-216-864-11	SHORT CHIP 0	
R4501	1-216-864-11	SHORT CHIP 0	
R4502	1-216-864-11	SHORT CHIP 0	
R4510	1-216-805-11	METAL CHIP 47	5% 1/10W
R4511	1-216-809-11	METAL CHIP 100	5% 1/10W
R4512	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
R4513	1-216-864-11	SHORT CHIP 0	
R4514	1-216-809-11	METAL CHIP 100	5% 1/10W
R4515	1-216-809-11	METAL CHIP 100	5% 1/10W
R4516	1-216-809-11	METAL CHIP 100	5% 1/10W
R4518	1-216-864-11	SHORT CHIP 0	
R4520	1-216-864-11	SHORT CHIP 0	
R4701	1-216-864-11	SHORT CHIP 0	
R4702	1-216-864-11	SHORT CHIP 0	
R4703	1-216-864-11	SHORT CHIP 0	
R4704	1-216-864-11	SHORT CHIP 0	
R4705	1-216-864-11	SHORT CHIP 0	
R4706	1-216-864-11	SHORT CHIP 0	
< COMPOSITION CIRCUIT BLOCK >			
RB103	1-234-795-21	RES, NETWORK 0X4 (2010)	
RB104	1-234-795-21	RES, NETWORK 0X4 (2010)	
RB105	1-234-371-21	RES, NETWORK 47 (1005X4)	
RB106	1-234-371-21	RES, NETWORK 47 (1005X4)	
RB107	1-234-370-21	RES, NETWORK 22 (1005X4)	

DMB10 FL H/P

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
RB108	1-234-370-21	RES, NETWORK 22 (1005X4)				< IC >	
RB111	1-234-795-21	RES, NETWORK 0X4 (2010)		IC801	6-600-349-21	IC NJL23H400A	
RB112	1-234-370-21	RES, NETWORK 22 (1005X4)		IC802	8-759-643-83	IC PT6315	
RB113	1-234-370-21	RES, NETWORK 22 (1005X4)				< COIL >	
		< VIBRATOR >		L801	1-410-671-31	INDUCTOR 47uH	
X101	1-781-867-21	VIBRATOR, CRYSTAL 27MHz		L802	1-410-671-31	INDUCTOR 47uH	
*****						< TRANSISTOR >	
A-1088-414-A		FL BOARD, COMPLETE		Q801	6-550-065-01	TRANSISTOR CPH5504-TL-E	
		*****		Q802	8-729-120-28	TRANSISTOR 2SC3052EF-T1-LEF	
		< CAPACITOR >				< RESISTOR >	
C800	1-162-968-11	CERAMIC CHIP 0.0047uF 10% 50V		R800	1-216-821-11	METAL CHIP 1K 5% 1/10W	
C801	1-163-037-11	CERAMIC CHIP 0.022uF 10% 50V		R801	1-216-839-11	METAL CHIP 33K 5% 1/10W	
C802	1-119-943-91	ELECT 47uF 20% 50V		R802	1-216-809-11	METAL CHIP 100 5% 1/10W	
C803	1-124-584-00	ELECT 100uF 20% 10V		R804	1-216-828-11	METAL CHIP 3.9K 5% 1/10W	
C804	1-162-974-11	CERAMIC CHIP 0.01uF 50V		R805	1-216-295-91	SHORT CHIP 0	
C805	1-164-360-11	CERAMIC CHIP 0.1uF 16V		R810	1-216-864-11	SHORT CHIP 0	
C806	1-162-927-11	CERAMIC CHIP 100PF 5% 50V		R811	1-216-844-11	METAL CHIP 82K 5% 1/10W	
C807	1-162-927-11	CERAMIC CHIP 100PF 5% 50V		R812	1-216-845-11	METAL CHIP 100K 5% 1/10W	
C808	1-162-927-11	CERAMIC CHIP 100PF 5% 50V		R813	1-216-845-11	METAL CHIP 100K 5% 1/10W	
C809	1-126-795-11	ELECT 10uF 20% 50V		R814	1-216-809-11	METAL CHIP 100 5% 1/10W	
C810	1-164-360-11	CERAMIC CHIP 0.1uF 16V		R815	1-216-809-11	METAL CHIP 100 5% 1/10W	
C811	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		R816	1-216-809-11	METAL CHIP 100 5% 1/10W	
C812	1-162-960-11	CERAMIC CHIP 220PF 10% 50V		R817	1-216-821-11	METAL CHIP 1K 5% 1/10W	
C813	1-162-960-11	CERAMIC CHIP 220PF 10% 50V		R819	1-216-805-11	METAL CHIP 47 5% 1/10W	
C814	1-126-795-11	ELECT 10uF 20% 50V		R820	1-216-845-11	METAL CHIP 100K 5% 1/10W	
C815	1-162-960-11	CERAMIC CHIP 220PF 10% 50V		R821	1-216-864-11	SHORT CHIP 0	
C816	1-162-960-11	CERAMIC CHIP 220PF 10% 50V		R822	1-216-864-11	SHORT CHIP 0	
C817	1-162-960-11	CERAMIC CHIP 220PF 10% 50V				< SWITCH >	
C818	1-162-960-11	CERAMIC CHIP 220PF 10% 50V		S800	1-418-632-11	ENCODER, ROTARY (VOLUME)	
C819	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V				< TRANSFORMER >	
C820	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		T801	1-443-645-11	TRANSFORMER, DC CONVERTER	
C821	1-162-960-11	CERAMIC CHIP 220PF 10% 50V		*****			
C822	1-162-960-11	CERAMIC CHIP 220PF 10% 50V				H/P BOARD	
C823	1-162-960-11	CERAMIC CHIP 220PF 10% 50V				*****	
C824	1-162-974-11	CERAMIC CHIP 0.01uF 50V				< CAPACITOR >	
C825	1-162-960-11	CERAMIC CHIP 220PF 10% 50V		C881	1-162-962-11	CERAMIC CHIP 470PF 10% 50V	
C826	1-162-960-11	CERAMIC CHIP 220PF 10% 50V		C882	1-162-962-11	CERAMIC CHIP 470PF 10% 50V	
		< CONNECTOR >		C883	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
CN801	1-779-556-21	CONNECTOR, FFC (LIF (NON-ZIF)) 19P		C884	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
* CN805	1-568-942-11	PIN, CONNECTOR 4P		C885	1-164-360-11	CERAMIC CHIP 0.1uF 16V	
		< DIODE >				< DIODE >	
D801	8-719-988-61	DIODE 1SS355TE-17		D821	8-719-988-61	DIODE 1SS355TE-17	
D802	8-719-988-61	DIODE 1SS355TE-17		D822	8-719-988-61	DIODE 1SS355TE-17	
D803	8-719-069-56	DIODE UDZSTE-176.2B				< FERRITE BEAD >	
D804	8-719-988-61	DIODE 1SS355TE-17		FB811	1-469-144-21	FERRITE, EMI (SMD) (2012)	
D805	8-719-988-61	DIODE 1SS355TE-17		FB812	1-216-864-11	SHORT CHIP 0	
		< FERRITE BEAD >		FB813	1-469-144-21	FERRITE, EMI (SMD) (2012)	
FB806	1-414-813-11	FERRITE, EMI (SMD) (2012)		FB814	1-216-295-91	SHORT CHIP 0	
		< FLUORESCENT INDICATOR >					
FL801	1-519-792-11	INDICATOR TUBE, FLUORESCENT					

HCD-DZ770W

H/P I/O

Ref. No.	Part No.	Description	Remark		
< JACK >					
J801	1-566-891-21	JACK (PHONES)			
< COIL >					
L811	1-216-864-11	SHORT CHIP	0		
L812	1-469-144-21	FERRITE, EMI (SMD) (2012)			
L813	1-216-864-11	SHORT CHIP	0		
L814	1-469-144-21	FERRITE, EMI (SMD) (2012)			
< TRANSISTOR >					
Q807	6-550-889-01	TRANSISTOR	2SC5938-T112-1B		
Q808	6-550-889-01	TRANSISTOR	2SC5938-T112-1B		
< RESISTOR >					
R861	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R862	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R863	1-216-801-11	METAL CHIP	22	5%	1/10W
R864	1-216-801-11	METAL CHIP	22	5%	1/10W
R865	1-216-805-11	METAL CHIP	47	5%	1/10W
R866	1-216-805-11	METAL CHIP	47	5%	1/10W
R867	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R869	1-216-829-11	METAL CHIP	4.7K	5%	1/10W

	A-1116-260-A	I/O BOARD, COMPLETE (EXCEPT KR)			
	A-1124-464-A	I/O BOARD, COMPLETE (KR)			

< CAPACITOR >					
C102	1-126-933-11	ELECT	100uF	20%	16V
C103	1-104-662-91	ELECT	22uF	20%	25V
C104	1-104-662-91	ELECT	22uF	20%	25V
C109	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C201	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C202	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C203	1-126-933-11	ELECT	100uF	20%	16V
C204	1-126-964-11	ELECT	10uF	20%	50V
C205	1-126-964-11	ELECT	10uF	20%	50V
C206	1-126-964-11	ELECT	10uF	20%	50V
C207	1-126-964-11	ELECT	10uF	20%	50V
C208	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C209	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C210	1-126-925-91	ELECT	470uF	20%	10V
C211	1-126-964-11	ELECT	10uF	20%	50V
C212	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C213	1-126-933-11	ELECT	100uF	20%	16V
C214	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C215	1-115-156-11	CERAMIC CHIP	1uF		10V
C216	1-115-156-11	CERAMIC CHIP	1uF		10V
C217	1-126-933-11	ELECT	100uF	20%	16V
C218	1-115-156-11	CERAMIC CHIP	1uF		10V
C219	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C220	1-126-964-11	ELECT	10uF	20%	50V
C221	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C222	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C223	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C224	1-126-916-11	ELECT	1000uF	20%	6.3V
C225	1-126-916-11	ELECT	1000uF	20%	6.3V

Ref. No.	Part No.	Description	Remark
C226	1-126-916-11	ELECT 1000uF 20% 6.3V	
C227	1-126-933-11	ELECT 100uF 20% 16V	
C228	1-126-933-11	ELECT 100uF 20% 16V	
C231	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C232	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C242	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C601	1-126-933-11	ELECT 100uF 20% 16V	
C602	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C603	1-104-662-91	ELECT 22uF 20% 25V	
C604	1-104-662-91	ELECT 22uF 20% 25V	
C605	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C606	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C607	1-104-662-91	ELECT 22uF 20% 25V	
C608	1-126-933-11	ELECT 100uF 20% 16V	
C609	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C610	1-104-662-91	ELECT 22uF 20% 25V	
C611	1-104-662-91	ELECT 22uF 20% 25V	
C612	1-104-662-91	ELECT 22uF 20% 25V	
C613	1-104-662-91	ELECT 22uF 20% 25V	
C614	1-104-662-91	ELECT 22uF 20% 25V	
C615	1-126-960-11	ELECT 1uF 20% 50V	
C616	1-126-960-11	ELECT 1uF 20% 50V	
C617	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C619	1-104-662-91	ELECT 22uF 20% 25V	
C620	1-104-662-91	ELECT 22uF 20% 25V	
C622	1-104-662-91	ELECT 22uF 20% 25V	
C623	1-162-960-11	CERAMIC CHIP 220PF 10% 50V	
C624	1-162-960-11	CERAMIC CHIP 220PF 10% 50V	
C625	1-162-960-11	CERAMIC CHIP 220PF 10% 50V	
C626	1-162-960-11	CERAMIC CHIP 220PF 10% 50V	
C665	1-104-662-91	ELECT 22uF 20% 25V	
C666	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
		< CONNECTOR >	
CN101	1-568-828-11	CONNECTOR, FFC 9P	
CN201	1-779-281-11	CONNECTOR, FFC (LIF (NON-ZIF)) 13P	
CN601	1-779-291-11	CONNECTOR, FFC (LIF (NON-ZIF)) 23P	
* CN602	1-568-942-11	PIN, CONNECTOR 4P	
		< IC >	
IC201	6-705-602-01	IC MM1623BFBE	
IC203	8-759-696-10	IC NJM2235V (TE2)	
IC204	8-759-284-49	IC NJM2285V-TE2	
IC601	8-759-385-76	IC MC14052 BDR2	
IC602	8-759-649-89	IC MC4558CD	
IC603	6-600-014-01	IC TORX141L (OPTICAL IN)	
		< JACK >	
J201	1-780-211-11	TERMINAL BOARD (S TERMINAL+1P) (MONITOR)	
J202	1-817-449-11	JACK, PIN 3P (COMPONENT VIDEO OUT)	
J601	1-816-605-11	JACK, PIN 6P (VIDEO / SAT)	
		< COIL >	
L101	1-469-525-91	INDUCTOR 10uH	
L201	1-469-525-91	INDUCTOR 10uH	
L202	1-469-525-91	INDUCTOR 10uH	

Ref. No.	Part No.	Description	Remark
L601	1-469-525-91	INDUCTOR	10uH
L602	1-469-525-91	INDUCTOR	10uH
< TRANSISTOR >			
Q601	8-729-120-28	TRANSISTOR	2SC3052EF-T1-LEF (EXCEPT KR)
Q601	8-729-120-28	TRANSISTOR	2SC2412K-T-146-QR (KR)
Q602	8-729-120-28	TRANSISTOR	2SC3052EF-T1-LEF (EXCEPT KR)
Q602	8-729-120-28	TRANSISTOR	2SC2412K-T-146-QR (KR)
Q603	8-729-901-00	TRANSISTOR	DTC124EKA-T146 (KR)
Q603	8-729-027-52	TRANSISTOR	RT1N241C-TP-1 (EXCEPT KR)
Q604	8-729-901-00	TRANSISTOR	DTC124EKA-T146 (KR)
Q604	8-729-027-52	TRANSISTOR	RT1N241C-TP-1 (EXCEPT KR)
Q605	8-729-027-23	TRANSISTOR	DTA114EKA-T146 (KR)
Q605	8-729-027-23	TRANSISTOR	RT1P141C-TP-1 (EXCEPT KR)
< RESISTOR >			
R102	1-216-864-11	SHORT CHIP	0
R105	1-216-845-11	METAL CHIP	100K 5% 1/10W
R109	1-216-864-11	SHORT CHIP	0
R114	1-216-864-11	SHORT CHIP	0
R115	1-216-845-11	METAL CHIP	100K 5% 1/10W
R116	1-216-845-11	METAL CHIP	100K 5% 1/10W
R117	1-216-845-11	METAL CHIP	100K 5% 1/10W
R201	1-218-285-11	METAL CHIP	75 5% 1/10W
R202	1-218-285-11	METAL CHIP	75 5% 1/10W
R203	1-216-864-11	SHORT CHIP	0
R204	1-216-821-11	METAL CHIP	1K 5% 1/10W
R205	1-216-864-11	SHORT CHIP	0
R206	1-216-864-11	SHORT CHIP	0
R207	1-216-864-11	SHORT CHIP	0
R209	1-216-864-11	SHORT CHIP	0
R226	1-216-864-11	SHORT CHIP	0
R228	1-216-833-11	METAL CHIP	10K 5% 1/10W
R229	1-218-285-11	METAL CHIP	75 5% 1/10W
R230	1-218-285-11	METAL CHIP	75 5% 1/10W
R231	1-218-285-11	METAL CHIP	75 5% 1/10W
R232	1-218-285-11	METAL CHIP	75 5% 1/10W
R233	1-218-285-11	METAL CHIP	75 5% 1/10W
R241	1-218-285-11	METAL CHIP	75 5% 1/10W
R606	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R607	1-216-841-11	METAL CHIP	47K 5% 1/10W
R608	1-216-841-11	METAL CHIP	47K 5% 1/10W
R609	1-216-817-11	METAL CHIP	470 5% 1/10W
R610	1-216-817-11	METAL CHIP	470 5% 1/10W
R611	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R612	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R613	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R614	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R615	1-216-841-11	METAL CHIP	47K 5% 1/10W
R616	1-216-841-11	METAL CHIP	47K 5% 1/10W
R617	1-216-821-11	METAL CHIP	1K 5% 1/10W
R618	1-216-833-11	METAL CHIP	10K 5% 1/10W
R619	1-216-821-11	METAL CHIP	1K 5% 1/10W
R620	1-216-833-11	METAL CHIP	10K 5% 1/10W

Ref. No.	Part No.	Description	Remark
R622	1-216-821-11	METAL CHIP	1K 5% 1/10W
R623	1-216-841-11	METAL CHIP	47K 5% 1/10W
R624	1-216-841-11	METAL CHIP	47K 5% 1/10W
R625	1-216-841-11	METAL CHIP	47K 5% 1/10W
R626	1-216-841-11	METAL CHIP	47K 5% 1/10W
R627	1-216-841-11	METAL CHIP	47K 5% 1/10W
R628	1-216-841-11	METAL CHIP	47K 5% 1/10W
R629	1-216-841-11	METAL CHIP	47K 5% 1/10W
R630	1-216-841-11	METAL CHIP	47K 5% 1/10W
R631	1-216-841-11	METAL CHIP	47K 5% 1/10W
R632	1-216-841-11	METAL CHIP	47K 5% 1/10W
R635	1-216-841-11	METAL CHIP	47K 5% 1/10W
R636	1-216-864-11	SHORT CHIP	0
R637	1-216-864-11	SHORT CHIP	0
R638	1-216-821-11	METAL CHIP	1K 5% 1/10W
R639	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R644	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R645	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R648	1-216-833-11	METAL CHIP	10K 5% 1/10W
R649	1-216-833-11	METAL CHIP	10K 5% 1/10W
R650	1-218-867-11	METAL CHIP	6.8K 5% 1/10W
R651	1-218-867-11	METAL CHIP	6.8K 5% 1/10W
R654	1-216-841-11	METAL CHIP	47K 5% 1/10W
R655	1-216-833-11	METAL CHIP	10K 5% 1/10W
R656	1-216-833-11	METAL CHIP	10K 5% 1/10W
R659	1-216-809-11	METAL CHIP	100 5% 1/10W
R663	1-216-845-11	METAL CHIP	100K 5% 1/10W
R664	1-216-845-11	METAL CHIP	100K 5% 1/10W
R674	1-216-833-11	METAL CHIP	10K 5% 1/10W
R675	1-216-833-11	METAL CHIP	10K 5% 1/10W

IPOD BOARD

< CAPACITOR >

C636	1-216-864-11	SHORT CHIP	0		
C637	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C638	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C639	1-126-964-11	ELECT	10uF	20%	50V
C640	1-126-964-11	ELECT	10uF	20%	50V
C641	1-126-933-11	ELECT	100uF	20%	16V
C642	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C643	1-126-933-11	ELECT	100uF	20%	16V
C646	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V

< IC >

IC605 8-759-649-89 IC MC4558CD

< JACK >

J603 1-566-822-51 JACK (AUDIO IN)

< RESISTOR >

R605	1-216-817-11	METAL CHIP	470	5%	1/10W
R621	1-216-864-11	SHORT CHIP	0		
R642	1-216-864-11	SHORT CHIP	0		
R643	1-216-864-11	SHORT CHIP	0		
R665	1-216-817-11	METAL CHIP	470	5%	1/10W

HCD-DZ770W

IPOD KEY MAIN

Ref. No.	Part No.	Description			Remark
R666	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R667	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R668	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R669	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R670	1-216-821-11	METAL CHIP	1K	5%	1/10W
R671	1-216-821-11	METAL CHIP	1K	5%	1/10W
R672	1-216-821-11	METAL CHIP	1K	5%	1/10W
R673	1-216-821-11	METAL CHIP	1K	5%	1/10W
R677	1-216-845-11	METAL CHIP	100K	5%	1/10W
R678	1-216-845-11	METAL CHIP	100K	5%	1/10W
R683	1-216-864-11	SHORT CHIP	0		
R684	1-216-864-11	SHORT CHIP	0		

KEY BOARD					

< RESISTOR >					
R851	1-216-821-11	METAL CHIP	1K	5%	1/10W
R852	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R853	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R854	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R855	1-216-821-11	METAL CHIP	1K	5%	1/10W
R856	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R857	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
< SWITCH >					
S802	1-762-875-21	SWITCH, KEYBOARD (▶)			
S803	1-762-875-21	SWITCH, KEYBOARD (◀◀)			
S804	1-762-875-21	SWITCH, KEYBOARD (▢)			
S805	1-762-875-21	SWITCH, KEYBOARD (■)			
S806	1-762-875-21	SWITCH, KEYBOARD (▶▶)			
S807	1-762-875-21	SWITCH, KEYBOARD (FUNCTION)			
S808	1-762-875-21	SWITCH, KEYBOARD (△)			

A-1116-250-A	MAIN BOARD, COMPLETE (E3)				
A-1117-288-A	MAIN BOARD, COMPLETE (SP)				
A-1117-382-A	MAIN BOARD, COMPLETE (AUS)				
A-1124-460-A	MAIN BOARD, COMPLETE (KR)				

7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3				
< CAPACITOR >					
C101	1-164-346-11	CERAMIC CHIP	1uF		16V
C102	1-164-346-11	CERAMIC CHIP	1uF		16V
C105	1-164-346-11	CERAMIC CHIP	1uF		16V
C106	1-164-346-11	CERAMIC CHIP	1uF		16V
C107	1-164-346-11	CERAMIC CHIP	1uF		16V
C108	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C109	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C110	1-163-205-00	CERAMIC CHIP	0.001uF	10%	50V
C111	1-164-346-11	CERAMIC CHIP	1uF		16V
C112	1-164-346-11	CERAMIC CHIP	1uF		16V
C115	1-164-346-11	CERAMIC CHIP	1uF		16V
C116	1-164-346-11	CERAMIC CHIP	1uF		16V
C117	1-164-346-11	CERAMIC CHIP	1uF		16V
C119	1-162-927-11	CERAMIC CHIP	100PF	5%	50V

Ref. No.	Part No.	Description	Remark		
C120	1-126-947-11	ELECT	47uF	20%	10V
C131	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C132	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C135	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C136	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C137	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C141	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C142	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C145	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C146	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C147	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C151	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C152	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C155	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C156	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C157	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C161	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C162	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C165	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C166	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C167	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C171	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C172	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C175	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C176	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C177	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C181	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C182	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C185	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C186	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C187	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C188	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C189	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C191	1-107-898-11	ELECT	2200uF	20%	35V
C192	1-107-898-11	ELECT	2200uF	20%	35V
C195	1-107-898-11	ELECT	2200uF	20%	35V
C196	1-107-898-11	ELECT	2200uF	20%	35V
C197	1-107-898-11	ELECT	2200uF	20%	35V
C199	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C200	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C201	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C202	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C203	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C204	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C209	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C210	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C211	1-136-177-00	FILM	1uF	5%	50V
C212	1-136-177-00	FILM	1uF	5%	50V
C215	1-136-177-00	FILM	1uF	5%	50V
C216	1-136-177-00	FILM	1uF	5%	50V
C217	1-136-177-00	FILM	1uF	5%	50V
C218	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C221	1-136-177-00	FILM	1uF	5%	50V
C222	1-136-177-00	FILM	1uF	5%	50V
C225	1-136-177-00	FILM	1uF	5%	50V
C226	1-136-177-00	FILM	1uF	5%	50V
C227	1-136-177-00	FILM	1uF	5%	50V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C248	1-126-947-11	ELECT	47uF 20% 16V	C351	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C251	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C352	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C252	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C353	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C255	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V				
C256	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C354	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C257	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C356	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C261	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C357	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C262	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C358	1-126-925-91	ELECT	470uF 20% 10V
C265	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C359	1-126-925-91	ELECT	470uF 20% 10V
C266	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C360	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C267	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C361	1-126-947-11	ELECT	47uF 20% 25V
C268	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V	C362	1-104-658-91	ELECT	100uF 20% 10V
C269	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V	C363	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C271	1-125-898-91	CERAMIC CHIP	0.22uF 10% 50V	C366	1-126-934-11	ELECT	220uF 20% 16V
C272	1-125-898-91	CERAMIC CHIP	0.22uF 10% 50V	C367	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C273	1-125-898-91	CERAMIC CHIP	0.22uF 10% 50V	C368	1-165-908-11	CERAMIC CHIP	1uF 10% 10V
C274	1-125-898-91	CERAMIC CHIP	0.22uF 10% 50V	C371	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C275	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V	C372	1-126-960-11	ELECT	1uF 20% 50V
C276	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V	C374	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C277	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V	C375	1-126-933-11	ELECT	100uF 20% 16V
C278	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V	C377	1-126-964-11	ELECT	10uF 20% 50V
C279	1-163-009-91	CERAMIC CHIP	0.001uF 10% 50V	C380	1-126-923-91	ELECT	220uF 20% 10V
C280	1-163-009-91	CERAMIC CHIP	0.001uF 10% 50V	C381	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C281	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C382	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C282	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C383	1-162-915-11	CERAMIC CHIP	10PF 0.5PF 50V
C283	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C384	1-162-910-11	CERAMIC CHIP	5PF 0.25PF 50V
C284	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C385	1-164-505-11	CERAMIC CHIP	2.2uF 16V
C289	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C391	1-164-505-11	CERAMIC CHIP	2.2uF 16V
C290	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C392	1-164-505-11	CERAMIC CHIP	2.2uF 16V
C291	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C395	1-164-505-11	CERAMIC CHIP	2.2uF 16V
C292	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C396	1-117-370-11	CERAMIC CHIP	10uF 10V
C293	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C402	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C294	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C403	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C301	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C404	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C302	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C405	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C303	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C406	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V
C304	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C436	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C305	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C504	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C306	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C505	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C307	1-126-933-11	ELECT	100uF 20% 16V	C506	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
			(EXCEPT KR)	C511	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C307	1-126-960-11	ELECT	1uF 20% 50V	C512	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
			(KR)	C513	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C308	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C514	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C309	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C516	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C310	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C517	1-126-964-11	ELECT	10uF 20% 50V
C320	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C518	1-126-964-11	ELECT	10uF 20% 50V
C321	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C524	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C322	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C525	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C323	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C526	1-126-947-11	ELECT	47uF 20% 10V
C324	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C527	1-107-726-91	CERAMIC CHIP	0.01uF 10% 16V
C325	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C528	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C326	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C529	1-126-964-11	ELECT	10uF 20% 50V
C327	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C530	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C328	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C531	1-162-919-11	CERAMIC CHIP	22PF 5% 50V
C329	1-126-947-11	ELECT	47uF 20% 16V	C532	1-162-916-11	CERAMIC CHIP	12PF 5% 50V
C335	1-126-947-11	ELECT	47uF 20% 16V	C533	1-162-916-11	CERAMIC CHIP	12PF 5% 50V
C350	1-115-339-11	CERAMIC CHIP	0.1uF 10% 50V	C534	1-162-916-11	CERAMIC CHIP	12PF 5% 50V
				C535	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V

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MAIN

Ref. No.	Part No.	Description	Remark
C536	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C538	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C539	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C540	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C541	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C542	1-126-923-91	ELECT 220uF 20%	10V
C543	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C544	1-126-964-11	ELECT 10uF 20%	50V
C545	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C546	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C547	1-162-923-11	CERAMIC CHIP 47PF 5%	50V
C548	1-216-864-11	SHORT CHIP 0	
C549	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C551	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C552	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C554	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C555	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C556	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C557	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C558	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C559	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C560	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C561	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C562	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C563	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C564	1-126-964-11	ELECT 10uF 20%	50V
C565	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C567	1-126-923-91	ELECT 220uF 20%	10V
C568	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C569	1-165-112-11	CERAMIC CHIP 0.33uF	16V
C570	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C571	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C572	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C575	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C576	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C577	1-162-961-11	CERAMIC CHIP 330PF 10%	50V
C580	1-126-916-11	ELECT 1000uF 20%	6.3V
C582	1-104-658-91	ELECT 100uF 20%	10V
C583	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V
C587	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V
C589	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C595	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C596	1-126-947-11	ELECT 47uF 20%	16V
C597	1-165-112-11	CERAMIC CHIP 0.33uF	16V
C598	1-165-112-11	CERAMIC CHIP 0.33uF	16V
C601	1-126-947-11	ELECT 47uF 20%	16V
C602	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C603	1-104-658-91	ELECT 100uF 20%	10V
C608	1-162-953-11	CERAMIC CHIP 100PF 5%	50V
C712	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C716	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C762	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C798	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C799	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C856	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C875	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V
△C901	1-165-529-11	MYLAR 0.22uF 10	275V

Ref. No.	Part No.	Description	Remark
△C902	1-165-529-11	MYLAR 0.22uF 10	275V
△C903	1-112-333-11	ELECT (BLOCK) 330uF 20%	450V
△C905	1-112-335-91	FILM 0.0033uF 5%	400V
△C906	1-125-893-11	FILM 680PF 3%	1.5KV
△C907	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V
△C908	1-107-909-11	ELECT 47uF 20%	35V
△C909	1-162-960-11	CERAMIC CHIP 220PF 10%	50V
△C910	1-107-907-11	ELECT 22uF 20%	50V
△C911	1-162-968-11	CERAMIC CHIP 0.0047uF 10%	50V
△C912	1-117-693-11	CERAMIC 100PF 10%	250V
△C913	1-117-693-11	CERAMIC 100PF 10%	250V
△C918	1-113-925-11	CERAMIC 0.01uF 20%	250V
△C920	1-113-925-11	CERAMIC 0.01uF 20%	250V
△C921	1-165-136-11	CERAMIC 3300PF 10%	500V
△C922	1-128-560-11	ELECT 22uF 20%	100V
△C923	1-162-968-11	CERAMIC CHIP 0.0047uF 10%	50V
△C924	1-124-257-00	ELECT 2.2uF 20%	50V
△C925	1-107-974-81	CERAMIC 47PF 5%	2KV
△C928	1-113-896-11	CERAMIC 220PF 10%	250V
△C929	1-115-339-11	CERAMIC CHIP 0.1uF 10%	50V
C931	1-136-203-11	FILM 10000PF 5%	630V
C932	1-100-924-21	ELECT 2200uF 20%	35V
C933	1-100-924-21	ELECT 2200uF 20%	35V
C934	1-107-898-11	ELECT 2200uF 20%	35V
C935	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C936	1-165-319-11	CERAMIC CHIP 0.1uF	50V
C937	1-100-756-91	CERAMIC CHIP 0.047uF	50V
△C938	1-117-698-51	CERAMIC 680PF 10%	250V
C939	1-136-165-00	FILM 0.1uF 5%	50V
C940	1-128-947-31	ELECT 3300uF 20%	10V
C941	1-128-954-21	ELECT 1000uF 20%	25V
C942	1-126-941-11	ELECT 470uF 20%	25V
C943	1-126-933-11	ELECT 100uF 20%	16V
C944	1-128-951-21	ELECT 2200uF 20%	16V
C945	1-126-935-11	ELECT 470uF 20%	16V
C946	1-128-950-21	ELECT 1000uF 20%	16V
C947	1-104-658-91	ELECT 100uF 20%	10V
C948	1-126-925-91	ELECT 470uF 20%	10V
C949	1-165-722-31	ELECT 100uF 20%	10V
C951	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
C952	1-100-756-91	CERAMIC CHIP 0.047uF	50V
C953	1-117-214-11	CERAMIC 0.001uF 10%	2KV
C954	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
C955	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
C958	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
C960	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
△C963	1-117-699-11	CERAMIC 0.001uF 99%	250V
△C964	1-117-699-11	CERAMIC 0.001uF 99%	250V
△C965	1-113-896-11	CERAMIC 220PF 10%	250V
△C966	1-113-896-11	CERAMIC 220PF 10%	250V
C967	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
C968	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
< CONNECTOR >			
CN300	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P	
* CN309	1-568-954-11	PIN, CONNECTOR 5P	
CN504	1-784-370-21	CONNECTOR, FFC/FPC 11P	
CN505	1-784-370-21	CONNECTOR, FFC/FPC 11P	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
CN507	1-793-991-11	CONNECTOR, FFC/FPC 23P		EB910	1-537-770-21	TERMINAL BOARD, GROUND	
CN509	1-779-287-11	CONNECTOR, FFC (LIF (NON-ZIF)) 19P		EB911	1-537-770-21	TERMINAL BOARD, GROUND	
CN512	1-784-370-21	CONNECTOR, FFC/FPC 11P				< FERRITE BEAD >	
CN901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P		FB301	1-469-760-21	FERRITE, EMI (SMD) (2012)	
CN902	1-564-505-11	PLUG, CONNECTOR 2P		FB302	1-216-295-91	SHORT CHIP 0	
		< DIODE >		FB509	1-469-121-21	FERRITE, EMI (SMD) (1608)	
D101	6-500-260-01	DIODE P6SMB39AT3		FB511	1-216-295-91	SHORT CHIP 0	
D102	6-500-260-01	DIODE P6SMB39AT3		FB512	1-216-295-91	SHORT CHIP 0	
D105	6-500-260-01	DIODE P6SMB39AT3		△FB902	1-410-396-41	FERRITE 0.45uH	
D106	6-500-260-01	DIODE P6SMB39AT3		△FB905	1-410-396-41	FERRITE 0.45uH	
D107	6-500-260-01	DIODE P6SMB39AT3				< FUSE HOLDER >	
D201	6-500-260-01	DIODE P6SMB39AT3		FH901	1-533-313-11	FUSE HOLDER	
D202	6-500-260-01	DIODE P6SMB39AT3		FH902	1-533-313-11	FUSE HOLDER	
D205	6-500-260-01	DIODE P6SMB39AT3				< IC >	
D206	6-500-260-01	DIODE P6SMB39AT3		IC101	6-704-802-01	IC CXD9774M (EXCEPT KR)	
D207	6-500-260-01	DIODE P6SMB39AT3		IC101	6-705-695-01	IC CXD9775M (KR)	
D303	8-719-988-61	DIODE 1SS355TE-17		IC102	6-704-802-01	IC CXD9774M (EXCEPT KR)	
D304	8-719-988-61	DIODE 1SS355TE-17		IC102	6-705-695-01	IC CXD9775M (KR)	
D503	8-719-988-61	DIODE 1SS355TE-17		IC105	6-704-802-01	IC CXD9774M (EXCEPT KR)	
D504	8-719-988-61	DIODE 1SS355TE-17		IC105	6-705-695-01	IC CXD9775M (KR)	
D505	8-719-988-61	DIODE 1SS355TE-17		IC106	6-704-802-01	IC CXD9774M (EXCEPT KR)	
D506	8-719-988-61	DIODE 1SS355TE-17		IC106	6-705-695-01	IC CXD9775M (KR)	
D509	8-719-988-61	DIODE 1SS355TE-17		IC107	6-704-802-01	IC CXD9774M	
D510	8-719-988-61	DIODE 1SS355TE-17		IC108	6-707-939-01	IC CXD9843AR	
△D901	8-719-082-57	DIODE D5SBA60F01		IC110	6-707-939-01	IC CXD9843AR	
△D905	8-719-063-74	DIODE D1NL20U-TR2		IC301	6-705-720-01	IC RC4580IDR	
△D906	8-719-988-61	DIODE 1SS355TE-17		IC303	6-702-300-01	IC TK11118CSC-LG	
△D907	8-719-988-61	DIODE 1SS355TE-17		IC305	8-759-649-50	IC SN74AHC1GU04DCKR	
△D908	8-719-988-61	DIODE 1SS355TE-17		IC501	6-707-608-01	IC PCM1803DBR	
△D909	8-719-988-61	DIODE 1SS355TE-17		IC502	8-759-649-46	IC SN74AHC1G08DCKR	
△D910	8-719-988-61	DIODE 1SS355TE-17		IC505	8-759-825-15	IC LC89056W-E	
△D913	6-500-241-01	DIODE SARS03		IC506	6-707-754-01	IC CXD9862R	
△D914	8-719-988-61	DIODE 1SS355TE-17		IC507	6-704-037-01	IC IS61LV6416-10TLT	
△D915	8-719-977-28	DIODE UDZSTE-1710B		IC508	6-707-485-01	IC NJM2885DL1-18 (TE2)	
△D921	8-719-948-45	DIODE ERA22-08TP3		IC509	6-805-473-01	IC M30622MGP-A12FPU0	
△D922	8-719-063-74	DIODE D1NL20U-TR2		IC511	6-701-680-01	IC PST3629NR	
△D923	8-719-977-28	DIODE UDZSTE-1710B		IC513	6-707-800-01	IC SRC4182	
△D924	8-719-083-69	DIODE UDZSTE-1724B		IC514	8-759-549-07	IC SN74LV157APWR	
△D925	8-719-069-54	DIODE UDZSTE-175.1B		IC515	6-703-550-01	IC TA7809LS	
△D926	8-719-083-69	DIODE UDZSTE-1724B		IC516	6-703-547-01	IC TA7805LS	
D931	6-500-383-01	DIODE YG906C2R		IC517	8-759-649-50	IC SN74AHC1GU04DCKR	
D932	8-719-069-54	DIODE UDZSTE-175.1B		△IC901	6-707-742-11	IC STR-F6168-LF1352	
D941	8-719-063-74	DIODE D1NL20U-TR2		△IC921	6-707-740-01	IC STR-V153	
D942	8-719-080-53	DIODE RK36LF-B3		IC931	8-759-648-34	IC TA76431AS (TPE6)	
D943	8-719-080-53	DIODE RK36LF-B3		IC941	6-707-746-01	IC SI-3120KM-TL	
D944	6-500-288-11	DIODE EK19LF-F7		IC942	6-707-745-10	IC SI-3050KM-TL	
D945	8-719-083-67	DIODE UDZSTE-1720B		IC943	6-707-744-01	IC SI-3033KM-TL	
		< GROUND TERMINAL BOARD >		IC951	6-707-743-01	IC TA76L431S (TPE6, Q)	
EB902	1-537-770-21	TERMINAL BOARD, GROUND				< JACK >	
EB903	1-537-770-21	TERMINAL BOARD, GROUND		J202	1-780-203-11	TERMINAL BOARD (SP) (2P) (SPEAKER)	
EB904	1-537-770-21	TERMINAL BOARD, GROUND		J203	1-780-224-11	TERMINAL BOARD (SP) (2P) (SPEAKER)	
EB905	1-537-770-21	TERMINAL BOARD, GROUND					
EB906	1-537-770-21	TERMINAL BOARD, GROUND					
EB907	1-537-770-21	TERMINAL BOARD, GROUND					
EB908	1-537-770-21	TERMINAL BOARD, GROUND					

HCD-DZ770W

MAIN

Ref. No.	Part No.	Description	Remark
< COIL >			
L101	1-457-078-11	AIR-CORE COIL	
L102	1-457-078-11	AIR-CORE COIL	
L105	1-457-078-11	AIR-CORE COIL	
L106	1-457-078-11	AIR-CORE COIL	
L107	1-414-398-11	INDUCTOR	10uH
L111	1-457-077-11	AIR-CORE COIL	
L112	1-457-077-11	AIR-CORE COIL	
L115	1-457-077-11	AIR-CORE COIL	
L116	1-457-077-11	AIR-CORE COIL	
L121	1-456-680-11	INDUCTOR	10uH
L122	1-456-680-11	INDUCTOR	10uH
L125	1-456-680-11	INDUCTOR	10uH
L126	1-456-680-11	INDUCTOR	10uH
L127	1-456-680-11	INDUCTOR	10uH
L131	1-456-680-11	INDUCTOR	10uH
L132	1-456-680-11	INDUCTOR	10uH
L135	1-456-680-11	INDUCTOR	10uH
L136	1-456-680-11	INDUCTOR	10uH
L137	1-456-680-11	INDUCTOR	10uH
L301	1-414-754-11	INDUCTOR	10uH
L302	1-412-939-11	INDUCTOR	1uH
L303	1-469-527-91	INDUCTOR	47uH
L501	1-414-754-11	INDUCTOR	10uH
L502	1-414-754-11	INDUCTOR	10uH
L503	1-216-295-91	SHORT CHIP	0
L504	1-216-295-91	SHORT CHIP	0
L931	1-457-058-11	INDUCTOR	10.8uH
L941	1-414-398-11	INDUCTOR	10uH
L942	1-414-398-11	INDUCTOR	10uH
L945	1-414-398-11	INDUCTOR	10uH
L946	1-414-398-11	INDUCTOR	10uH
L947	1-414-398-11	INDUCTOR	10uH
L948	1-414-398-11	INDUCTOR	10uH
L951	1-414-398-11	INDUCTOR	10uH
< LINE FILTER >			
△ LF901	1-457-079-11	LINE FILTER COIL	
< IC >			
△ PC901	6-600-438-01	IC TLP421F (D4-GR)	
△ PC902	6-600-438-01	IC TLP421F (D4-GR)	
△ PC903	6-600-438-01	IC TLP421F (D4-GR)	
< TRANSISTOR >			
Q101	8-729-600-22	TRANSISTOR	2SA1235TP-1EF
Q102	8-729-600-22	TRANSISTOR	2SA1235TP-1EF
Q103	8-729-600-22	TRANSISTOR	2SA1235TP-1EF
Q104	8-729-600-22	TRANSISTOR	2SA1235TP-1EF
Q109	8-729-600-22	TRANSISTOR	2SA1235TP-1EF
Q110	8-729-600-22	TRANSISTOR	2SA1235TP-1EF
Q111	8-729-600-22	TRANSISTOR	2SA1235TP-1EF
Q112	8-729-600-22	TRANSISTOR	2SA1235TP-1EF
Q301	8-729-120-28	TRANSISTOR	2SC2412K-T-146-QR
Q302	8-729-120-28	TRANSISTOR	2SC2412K-T-146-QR
Q303	6-550-702-01	TRANSISTOR	2SC3243-TP-E
Q304	8-729-120-28	TRANSISTOR	2SC2412K-T-146-QR

Ref. No.	Part No.	Description	Remark
Q506	8-729-120-28	TRANSISTOR	2SC2412K-T-146-QR
Q507	8-729-027-23	TRANSISTOR	RT1P141C-TP-1
△ Q901	8-729-140-04	TRANSISTOR	2SB1116A-TP-LK
△ Q921	8-729-142-51	TRANSISTOR	2SD1616A-TP-LK
Q943	1-801-806-11	TRANSISTOR	RT1N441C-TP-1
Q945	6-550-718-01	TRANSISTOR	RSR025N03TL
Q947	1-801-806-11	TRANSISTOR	RT1N441C-TP-1
< RESISTOR >			
R108	1-216-837-11	METAL CHIP	22K 5% 1/10W
R109	1-216-837-11	METAL CHIP	22K 5% 1/10W
R110	1-216-837-11	METAL CHIP	22K 5% 1/10W
R111	1-216-837-11	METAL CHIP	22K 5% 1/10W
R116	1-216-837-11	METAL CHIP	22K 5% 1/10W
R117	1-216-837-11	METAL CHIP	22K 5% 1/10W
R118	1-216-837-11	METAL CHIP	22K 5% 1/10W
R119	1-216-837-11	METAL CHIP	22K 5% 1/10W
R120	1-216-837-11	METAL CHIP	22K 5% 1/10W
R128	1-216-837-11	METAL CHIP	22K 5% 1/10W
R131	1-216-864-11	SHORT CHIP	0
R132	1-216-864-11	SHORT CHIP	0
R135	1-216-864-11	SHORT CHIP	0
R136	1-216-864-11	SHORT CHIP	0
R137	1-216-864-11	SHORT CHIP	0
R138	1-216-864-11	SHORT CHIP	0
R139	1-216-864-11	SHORT CHIP	0
R141	1-216-864-11	SHORT CHIP	0
R142	1-216-864-11	SHORT CHIP	0
R145	1-216-864-11	SHORT CHIP	0
R146	1-216-864-11	SHORT CHIP	0
R147	1-216-864-11	SHORT CHIP	0
R151	1-216-864-11	SHORT CHIP	0
R152	1-216-864-11	SHORT CHIP	0
R155	1-216-864-11	SHORT CHIP	0
R156	1-216-864-11	SHORT CHIP	0
R157	1-216-864-11	SHORT CHIP	0
R161	1-216-864-11	SHORT CHIP	0
R162	1-216-864-11	SHORT CHIP	0
R165	1-216-864-11	SHORT CHIP	0
R166	1-216-864-11	SHORT CHIP	0
R167	1-216-864-11	SHORT CHIP	0
R171	1-216-864-11	SHORT CHIP	0
R172	1-216-864-11	SHORT CHIP	0
R175	1-216-864-11	SHORT CHIP	0
R176	1-216-864-11	SHORT CHIP	0
R177	1-216-864-11	SHORT CHIP	0
R191	1-220-942-11	METAL CHIP	3.3 1% 1/4W
R192	1-220-942-11	METAL CHIP	3.3 1% 1/4W
R195	1-220-942-11	METAL CHIP	3.3 1% 1/4W
R196	1-220-942-11	METAL CHIP	3.3 1% 1/4W
R197	1-220-942-11	METAL CHIP	3.3 1% 1/4W
R201	1-220-942-11	METAL CHIP	3.3 1% 1/4W
R202	1-220-942-11	METAL CHIP	3.3 1% 1/4W
R205	1-220-942-11	METAL CHIP	3.3 1% 1/4W
R206	1-220-942-11	METAL CHIP	3.3 1% 1/4W
R207	1-220-942-11	METAL CHIP	3.3 1% 1/4W
R211	1-216-136-00	RES-CHIP	2.7 5% 1/8W
R212	1-216-136-00	RES-CHIP	2.7 5% 1/8W

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R215	1-216-136-00	RES-CHIP	2.7 5% 1/8W	R350	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R216	1-216-136-00	RES-CHIP	2.7 5% 1/8W	R351	1-216-809-11	METAL CHIP	100 5% 1/10W
R217	1-216-136-00	RES-CHIP	2.7 5% 1/8W	R353	1-216-809-11	METAL CHIP	100 5% 1/10W
R221	1-216-136-00	RES-CHIP	2.7 5% 1/8W	R355	1-216-809-11	METAL CHIP	100 5% 1/10W
R222	1-216-136-00	RES-CHIP	2.7 5% 1/8W	R356	1-216-803-11	METAL CHIP	33 5% 1/10W (KR)
R225	1-216-136-00	RES-CHIP	2.7 5% 1/8W	R356	1-216-817-11	METAL CHIP	470 5% 1/10W (EXCEPT KR)
R226	1-216-136-00	RES-CHIP	2.7 5% 1/8W	R358	1-216-803-11	METAL CHIP	33 5% 1/10W (KR)
R227	1-216-136-00	RES-CHIP	2.7 5% 1/8W	R358	1-216-817-11	METAL CHIP	470 5% 1/10W (EXCEPT KR)
R241	1-216-809-11	METAL CHIP	100 5% 1/10W	R361	1-216-845-11	METAL CHIP	100K 5% 1/10W
R242	1-216-809-11	METAL CHIP	100 5% 1/10W	R362	1-216-845-11	METAL CHIP	100K 5% 1/10W
R245	1-216-809-11	METAL CHIP	100 5% 1/10W	R365	1-216-845-11	METAL CHIP	100K 5% 1/10W
R246	1-216-809-11	METAL CHIP	100 5% 1/10W	R366	1-216-845-11	METAL CHIP	100K 5% 1/10W
R247	1-216-809-11	METAL CHIP	100 5% 1/10W	R371	1-216-818-11	METAL CHIP	560 5% 1/10W
R300	1-216-809-11	METAL CHIP	100 5% 1/10W	R372	1-216-818-11	METAL CHIP	560 5% 1/10W
R302	1-216-809-11	METAL CHIP	100 5% 1/10W	R373	1-216-818-11	METAL CHIP	560 5% 1/10W
R303	1-216-809-11	METAL CHIP	100 5% 1/10W	R374	1-216-818-11	METAL CHIP	560 5% 1/10W
R304	1-216-809-11	METAL CHIP	100 5% 1/10W	R379	1-216-818-11	METAL CHIP	560 5% 1/10W
R305	1-216-809-11	METAL CHIP	100 5% 1/10W	R380	1-216-818-11	METAL CHIP	560 5% 1/10W
R306	1-216-809-11	METAL CHIP	100 5% 1/10W	R381	1-216-818-11	METAL CHIP	560 5% 1/10W
R308	1-216-809-11	METAL CHIP	100 5% 1/10W	R382	1-216-818-11	METAL CHIP	560 5% 1/10W
R309	1-216-809-11	METAL CHIP	100 5% 1/10W	R383	1-216-818-11	METAL CHIP	560 5% 1/10W
R310	1-216-809-11	METAL CHIP	100 5% 1/10W	R384	1-216-818-11	METAL CHIP	560 5% 1/10W
R311	1-216-809-11	METAL CHIP	100 5% 1/10W	R393	1-216-801-11	METAL CHIP	22 5% 1/10W
R312	1-216-809-11	METAL CHIP	100 5% 1/10W	R394	1-216-857-11	METAL CHIP	1M 5% 1/10W
R313	1-216-864-11	SHORT CHIP	0	R395	1-216-845-11	METAL CHIP	100K 5% 1/10W
R314	1-216-809-11	METAL CHIP	100 5% 1/10W	R396	1-216-809-11	METAL CHIP	100 5% 1/10W
R315	1-216-809-11	METAL CHIP	100 5% 1/10W	R400	1-216-845-11	METAL CHIP	100K 5% 1/10W
R316	1-216-817-11	METAL CHIP	470 5% 1/10W	R401	1-216-845-11	METAL CHIP	100K 5% 1/10W
R317	1-216-817-11	METAL CHIP	470 5% 1/10W	R402	1-216-845-11	METAL CHIP	100K 5% 1/10W
R319	1-216-833-11	METAL CHIP	10K 5% 1/10W	R403	1-216-845-11	METAL CHIP	100K 5% 1/10W
R320	1-216-864-11	SHORT CHIP	0	R404	1-216-845-11	METAL CHIP	100K 5% 1/10W
R321	1-216-864-11	SHORT CHIP	0	R409	1-216-845-11	METAL CHIP	100K 5% 1/10W
R322	1-216-833-11	METAL CHIP	10K 5% 1/10W	R410	1-216-845-11	METAL CHIP	100K 5% 1/10W
R323	1-216-864-11	SHORT CHIP	0	R411	1-216-845-11	METAL CHIP	100K 5% 1/10W
R325	1-216-864-11	SHORT CHIP	0	R412	1-216-845-11	METAL CHIP	100K 5% 1/10W
R326	1-216-864-11	SHORT CHIP	0	R424	1-216-823-11	METAL CHIP	1.5K 5% 1/10W
R328	1-216-864-11	SHORT CHIP	0	R426	1-216-833-11	METAL CHIP	10K 5% 1/10W
R329	1-216-864-11	SHORT CHIP	0	R427	1-216-833-11	METAL CHIP	10K 5% 1/10W
R330	1-216-837-11	METAL CHIP	22K 5% 1/10W	R428	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R331	1-216-837-11	METAL CHIP	22K 5% 1/10W	R429	1-216-822-11	METAL CHIP	1.2K 5% 1/10W
R332	1-216-837-11	METAL CHIP	22K 5% 1/10W	R430	1-216-833-11	METAL CHIP	10K 5% 1/10W
R333	1-216-837-11	METAL CHIP	22K 5% 1/10W	R431	1-216-845-11	METAL CHIP	100K 5% 1/10W
R334	1-216-837-11	METAL CHIP	22K 5% 1/10W	R450	1-216-833-11	METAL CHIP	10K 5% 1/10W
R335	1-216-837-11	METAL CHIP	22K 5% 1/10W	R451	1-216-833-11	METAL CHIP	10K 5% 1/10W
R336	1-216-837-11	METAL CHIP	22K 5% 1/10W	R452	1-216-833-11	METAL CHIP	10K 5% 1/10W
R337	1-216-837-11	METAL CHIP	22K 5% 1/10W	R453	1-216-833-11	METAL CHIP	10K 5% 1/10W
R338	1-216-837-11	METAL CHIP	22K 5% 1/10W	R456	1-216-833-11	METAL CHIP	10K 5% 1/10W
R339	1-216-837-11	METAL CHIP	22K 5% 1/10W	R457	1-216-833-11	METAL CHIP	10K 5% 1/10W
R340	1-216-839-11	METAL CHIP	33K 5% 1/10W	R458	1-216-833-11	METAL CHIP	10K 5% 1/10W
R341	1-216-839-11	METAL CHIP	33K 5% 1/10W	R459	1-216-833-11	METAL CHIP	10K 5% 1/10W
R342	1-216-864-11	SHORT CHIP	0	R468	1-216-864-11	SHORT CHIP	0
R343	1-216-864-11	SHORT CHIP	0	R469	1-216-864-11	SHORT CHIP	0
R345	1-216-833-11	METAL CHIP	10K 5% 1/10W	R472	1-216-864-11	SHORT CHIP	0
R346	1-216-817-11	METAL CHIP	470 5% 1/10W	R473	1-216-864-11	SHORT CHIP	0
R347	1-216-833-11	METAL CHIP	10K 5% 1/10W				
R348	1-216-817-11	METAL CHIP	470 5% 1/10W				
R349	1-216-825-11	METAL CHIP	2.2K 5% 1/10W				

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MAIN

Ref. No.	Part No.	Description	Remark
R474	1-216-864-11	SHORT CHIP	0
R475	1-216-864-11	SHORT CHIP	0
R478	1-216-864-11	SHORT CHIP	0
R479	1-216-864-11	SHORT CHIP	0
R480	1-216-864-11	SHORT CHIP	0
R481	1-216-833-11	METAL CHIP	10K 5% 1/10W
R482	1-216-833-11	METAL CHIP	10K 5% 1/10W
R483	1-216-833-11	METAL CHIP	10K 5% 1/10W
R484	1-216-833-11	METAL CHIP	10K 5% 1/10W
R487	1-216-833-11	METAL CHIP	10K 5% 1/10W
R488	1-216-833-11	METAL CHIP	10K 5% 1/10W
R489	1-216-833-11	METAL CHIP	10K 5% 1/10W
R490	1-216-833-11	METAL CHIP	10K 5% 1/10W
R502	1-216-864-11	SHORT CHIP	0
R504	1-216-809-11	METAL CHIP	100 5% 1/10W
R505	1-216-809-11	METAL CHIP	100 5% 1/10W
R506	1-216-809-11	METAL CHIP	100 5% 1/10W
R507	1-216-809-11	METAL CHIP	100 5% 1/10W
R508	1-216-809-11	METAL CHIP	100 5% 1/10W
R510	1-216-809-11	METAL CHIP	100 5% 1/10W
R511	1-216-809-11	METAL CHIP	100 5% 1/10W
R512	1-216-809-11	METAL CHIP	100 5% 1/10W
R514	1-216-821-11	METAL CHIP	1K 5% 1/10W
R515	1-216-809-11	METAL CHIP	100 5% 1/10W
R516	1-216-809-11	METAL CHIP	100 5% 1/10W
R517	1-216-809-11	METAL CHIP	100 5% 1/10W
R518	1-216-809-11	METAL CHIP	100 5% 1/10W
R519	1-216-809-11	METAL CHIP	100 5% 1/10W
R520	1-216-809-11	METAL CHIP	100 5% 1/10W
R521	1-216-833-11	METAL CHIP	10K 5% 1/10W
R522	1-216-809-11	METAL CHIP	100 5% 1/10W
R525	1-216-809-11	METAL CHIP	100 5% 1/10W
R526	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R527	1-216-809-11	METAL CHIP	100 5% 1/10W
R528	1-216-809-11	METAL CHIP	100 5% 1/10W
R529	1-216-809-11	METAL CHIP	100 5% 1/10W
R530	1-216-809-11	METAL CHIP	100 5% 1/10W
R531	1-216-857-11	METAL CHIP	1M 5% 1/10W
R532	1-216-821-11	METAL CHIP	1K 5% 1/10W
R533	1-216-809-11	METAL CHIP	100 5% 1/10W
R534	1-216-809-11	METAL CHIP	100 5% 1/10W
R537	1-216-809-11	METAL CHIP	100 5% 1/10W
R538	1-216-295-91	SHORT CHIP	0
R540	1-216-809-11	METAL CHIP	100 5% 1/10W
R541	1-216-809-11	METAL CHIP	100 5% 1/10W
R542	1-216-809-11	METAL CHIP	100 5% 1/10W
R543	1-216-809-11	METAL CHIP	100 5% 1/10W
R544	1-216-809-11	METAL CHIP	100 5% 1/10W
R545	1-216-809-11	METAL CHIP	100 5% 1/10W
R546	1-216-809-11	METAL CHIP	100 5% 1/10W
R547	1-216-809-11	METAL CHIP	100 5% 1/10W
R548	1-216-809-11	METAL CHIP	100 5% 1/10W
R549	1-216-809-11	METAL CHIP	100 5% 1/10W
R550	1-216-864-11	SHORT CHIP	0
R551	1-216-821-11	METAL CHIP	1K 5% 1/10W
R552	1-216-809-11	METAL CHIP	100 5% 1/10W
R553	1-216-809-11	METAL CHIP	100 5% 1/10W
R554	1-216-809-11	METAL CHIP	100 5% 1/10W

Ref. No.	Part No.	Description	Remark
R555	1-216-830-11	METAL CHIP	5.6K 5% 1/10W
R556	1-216-809-11	METAL CHIP	100 5% 1/10W
R557	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R558	1-216-839-11	METAL CHIP	33K 5% 1/10W
R559	1-216-821-11	METAL CHIP	1K 5% 1/10W
R560	1-216-809-11	METAL CHIP	100 5% 1/10W
R561	1-216-809-11	METAL CHIP	100 5% 1/10W
R563	1-216-809-11	METAL CHIP	100 5% 1/10W
R564	1-216-809-11	METAL CHIP	100 5% 1/10W
R565	1-216-809-11	METAL CHIP	100 5% 1/10W
R566	1-216-833-11	METAL CHIP	10K 5% 1/10W
R567	1-216-809-11	METAL CHIP	100 5% 1/10W
R568	1-216-809-11	METAL CHIP	100 5% 1/10W
R569	1-216-857-11	METAL CHIP	1M 5% 1/10W
R572	1-216-809-11	METAL CHIP	100 5% 1/10W
R573	1-216-809-11	METAL CHIP	100 5% 1/10W
R574	1-216-809-11	METAL CHIP	100 5% 1/10W
R575	1-216-809-11	METAL CHIP	100 5% 1/10W
R577	1-216-835-11	METAL CHIP	15K 5% 1/10W
R578	1-216-809-11	METAL CHIP	100 5% 1/10W
R580	1-216-833-11	METAL CHIP	10K 5% 1/10W
R581	1-216-809-11	METAL CHIP	100 5% 1/10W
R582	1-216-809-11	METAL CHIP	100 5% 1/10W
R583	1-216-809-11	METAL CHIP	100 5% 1/10W
R584	1-216-809-11	METAL CHIP	100 5% 1/10W
R585	1-216-809-11	METAL CHIP	100 5% 1/10W
R586	1-216-809-11	METAL CHIP	100 5% 1/10W
R587	1-216-809-11	METAL CHIP	100 5% 1/10W
R588	1-216-809-11	METAL CHIP	100 5% 1/10W
R589	1-216-821-11	METAL CHIP	1K 5% 1/10W
R590	1-216-809-11	METAL CHIP	100 5% 1/10W
R591	1-216-809-11	METAL CHIP	100 5% 1/10W
R594	1-216-809-11	METAL CHIP	100 5% 1/10W
R595	1-216-809-11	METAL CHIP	100 5% 1/10W
R596	1-216-821-11	METAL CHIP	1K 5% 1/10W
R596	1-216-833-11	METAL CHIP	10K 5% 1/10W (SP)
R596	1-216-835-11	METAL CHIP	15K 5% 1/10W (E3)
R596	1-216-841-11	METAL CHIP	47K 5% 1/10W (KR)
R597	1-216-809-11	METAL CHIP	100 5% 1/10W
R598	1-216-809-11	METAL CHIP	100 5% 1/10W
R599	1-216-809-11	METAL CHIP	100 5% 1/10W
R600	1-216-809-11	METAL CHIP	100 5% 1/10W
R601	1-216-809-11	METAL CHIP	100 5% 1/10W
R602	1-216-809-11	METAL CHIP	100 5% 1/10W
R603	1-216-809-11	METAL CHIP	100 5% 1/10W
R604	1-216-817-11	METAL CHIP	470 5% 1/10W
R605	1-216-817-11	METAL CHIP	470 5% 1/10W
R606	1-216-819-11	METAL CHIP	680 5% 1/10W
R607	1-216-819-11	METAL CHIP	680 5% 1/10W
R608	1-216-809-11	METAL CHIP	100 5% 1/10W
R609	1-216-864-11	SHORT CHIP	0
R611	1-216-833-11	METAL CHIP	10K 5% 1/10W
R612	1-216-833-11	METAL CHIP	10K 5% 1/10W
R614	1-216-833-11	METAL CHIP	10K 5% 1/10W

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R615	1-216-817-11	METAL CHIP	470 5% 1/10W	R730	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R616	1-216-833-11	METAL CHIP	10K 5% 1/10W	R731	1-216-809-11	METAL CHIP	100 5% 1/10W
R620	1-216-809-11	METAL CHIP	100 5% 1/10W	R735	1-216-809-11	METAL CHIP	100 5% 1/10W
R624	1-216-833-11	METAL CHIP	10K 5% 1/10W	R736	1-216-809-11	METAL CHIP	100 5% 1/10W
R627	1-216-809-11	METAL CHIP	100 5% 1/10W	R737	1-216-809-11	METAL CHIP	100 5% 1/10W
R628	1-216-821-11	METAL CHIP	1K 5% 1/10W	R738	1-216-809-11	METAL CHIP	100 5% 1/10W
R629	1-216-295-91	SHORT CHIP	0	R739	1-216-841-11	METAL CHIP	47K 5% 1/10W
R630	1-216-809-11	METAL CHIP	100 5% 1/10W	R740	1-216-809-11	METAL CHIP	100 5% 1/10W
R636	1-216-864-11	SHORT CHIP	0	R741	1-216-841-11	METAL CHIP	47K 5% 1/10W
R637	1-216-864-11	SHORT CHIP	0	R746	1-216-841-11	METAL CHIP	47K 5% 1/10W
R638	1-216-809-11	METAL CHIP	100 5% 1/10W	R748	1-216-821-11	METAL CHIP	1K 5% 1/10W
R639	1-216-809-11	METAL CHIP	100 5% 1/10W	R749	1-216-821-11	METAL CHIP	1K 5% 1/10W
R640	1-216-295-91	SHORT CHIP	0	R750	1-216-821-11	METAL CHIP	1K 5% 1/10W
R642	1-216-809-11	METAL CHIP	100 5% 1/10W	R755	1-216-821-11	METAL CHIP	1K 5% 1/10W
R643	1-216-809-11	METAL CHIP	100 5% 1/10W	R756	1-216-821-11	METAL CHIP	1K 5% 1/10W
R644	1-216-809-11	METAL CHIP	100 5% 1/10W	R760	1-216-809-11	METAL CHIP	100 5% 1/10W
R645	1-216-809-11	METAL CHIP	100 5% 1/10W	R761	1-216-809-11	METAL CHIP	100 5% 1/10W
R646	1-216-809-11	METAL CHIP	100 5% 1/10W	R762	1-216-809-11	METAL CHIP	100 5% 1/10W
R647	1-216-809-11	METAL CHIP	100 5% 1/10W	R763	1-216-809-11	METAL CHIP	100 5% 1/10W
R648	1-216-809-11	METAL CHIP	100 5% 1/10W	R764	1-216-809-11	METAL CHIP	100 5% 1/10W
R650	1-216-864-11	SHORT CHIP	0	R765	1-216-809-11	METAL CHIP	100 5% 1/10W
R656	1-216-864-11	SHORT CHIP	0	R774	1-216-821-11	METAL CHIP	1K 5% 1/10W
R657	1-216-841-11	METAL CHIP	47K 5% 1/10W	R775	1-216-841-11	METAL CHIP	47K 5% 1/10W
R659	1-216-845-11	METAL CHIP	100K 5% 1/10W	R789	1-216-809-11	METAL CHIP	100 5% 1/10W
R660	1-216-864-11	SHORT CHIP	0	R790	1-216-809-11	METAL CHIP	100 5% 1/10W
R662	1-216-841-11	METAL CHIP	47K 5% 1/10W	R791	1-216-809-11	METAL CHIP	100 5% 1/10W
R673	1-216-833-11	METAL CHIP	10K 5% 1/10W	R792	1-216-835-11	METAL CHIP	15K 5% 1/10W (KR)
R675	1-216-809-11	METAL CHIP	100 5% 1/10W	R792	1-216-841-11	METAL CHIP	47K 5% 1/10W (E3, AUS)
R678	1-216-864-11	SHORT CHIP	0	R793	1-216-841-11	METAL CHIP	47K 5% 1/10W
R691	1-216-809-11	METAL CHIP	100 5% 1/10W	△R901	1-219-759-11	METAL	1M 5% 1/2W
R692	1-216-809-11	METAL CHIP	100 5% 1/10W	△R903	1-215-929-11	METAL OXIDE	100K 5% 3W
R693	1-216-809-11	METAL CHIP	100 5% 1/10W	△R904	1-215-929-11	METAL OXIDE	100K 5% 3W
R694	1-216-809-11	METAL CHIP	100 5% 1/10W	△R905	1-216-797-11	METAL CHIP	10 5% 1/10W
R695	1-216-809-11	METAL CHIP	100 5% 1/10W	△R906	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R696	1-216-809-11	METAL CHIP	100 5% 1/10W	△R907	1-216-833-11	METAL CHIP	10K 5% 1/10W
R697	1-216-809-11	METAL CHIP	100 5% 1/10W	△R908	1-260-105-11	CARBON	3.3K 5% 1/2W
R700	1-216-809-11	METAL CHIP	100 5% 1/10W	△R909	1-216-845-11	METAL CHIP	100K 5% 1/10W
R701	1-216-809-11	METAL CHIP	100 5% 1/10W	△R910	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R702	1-216-833-11	METAL CHIP	10K 5% 1/10W	△R911	1-216-813-11	METAL CHIP	220 5% 1/10W
R703	1-216-821-11	METAL CHIP	1K 5% 1/10W	△R912	1-216-363-00	METAL OXIDE	0.33 5% 2W
R704	1-216-821-11	METAL CHIP	1K 5% 1/10W	△R914	1-214-789-00	METAL	0.1 10% 5W
R705	1-216-833-11	METAL CHIP	10K 5% 1/10W	△R918	1-216-864-11	SHORT CHIP	0
R706	1-216-809-11	METAL CHIP	100 5% 1/10W	△R919	1-216-836-11	METAL CHIP	18K 5% 1/10W
R707	1-216-809-11	METAL CHIP	100 5% 1/10W	△R920	1-216-821-11	METAL CHIP	1K 5% 1/10W
R709	1-216-833-11	METAL CHIP	10K 5% 1/10W	△R921	1-215-904-61	METAL OXIDE	100K 5% 2W
R713	1-216-864-11	SHORT CHIP	0	△R922	1-216-793-11	METAL CHIP	4.7 5% 1/10W
R717	1-216-833-11	METAL CHIP	10K 5% 1/10W	△R923	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R718	1-216-833-11	METAL CHIP	10K 5% 1/10W	△R924	1-216-864-11	SHORT CHIP	0
R719	1-216-833-11	METAL CHIP	10K 5% 1/10W	△R925	1-216-797-11	METAL CHIP	10 5% 1/10W
R721	1-216-833-11	METAL CHIP	10K 5% 1/10W	△R926	1-216-855-11	METAL CHIP	680K 5% 1/10W
R722	1-216-841-11	METAL CHIP	47K 5% 1/10W	△R927	1-216-349-00	METAL OXIDE	1 5% 1W
R723	1-216-809-11	METAL CHIP	100 5% 1/10W	△R929	1-249-478-11	CARBON	2.2 5% 1/2W
R724	1-216-809-11	METAL CHIP	100 5% 1/10W	△R930	1-216-864-11	SHORT CHIP	0
R725	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	R931	1-218-863-11	METAL CHIP	4.7K 0.5% 1/10W
R726	1-216-821-11	METAL CHIP	1K 5% 1/10W	R932	1-218-883-11	METAL CHIP	33K 0.5% 1/10W
R727	1-216-829-11	METAL CHIP	4.7K 5% 1/10W				
R728	1-216-821-11	METAL CHIP	1K 5% 1/10W				
R729	1-216-829-11	METAL CHIP	4.7K 5% 1/10W				

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MAIN **MS-203** **STBY** **TX**

Ref. No.	Part No.	Description	Remark
R933	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R934	1-216-821-11	METAL CHIP 1K 5%	1/10W
R935	1-216-821-11	METAL CHIP 1K 5%	1/10W
R936	1-216-853-11	METAL CHIP 470K 5%	1/10W
R937	1-216-833-11	METAL CHIP 10K 5%	1/10W
R938	1-216-821-11	METAL CHIP 1K 5%	1/10W
R939	1-218-859-11	METAL CHIP 3.3K 0.5%	1/10W
R940	1-216-833-11	METAL CHIP 10K 5%	1/10W
R941	1-216-864-11	SHORT CHIP 0	
R943	1-216-864-11	SHORT CHIP 0	
R946	1-216-811-11	METAL CHIP 150 5%	1/10W
R948	1-216-833-11	METAL CHIP 10K 5%	1/10W
R949	1-216-821-11	METAL CHIP 1K 5%	1/10W
R951	1-218-831-11	METAL CHIP 220 0.5%	1/10W
R952	1-218-855-11	METAL CHIP 2.2K 0.5%	1/10W
R953	1-218-861-11	METAL CHIP 3.9K 0.5%	1/10W
R954	1-216-837-11	METAL CHIP 22K 5%	1/10W
R955	1-216-817-11	METAL CHIP 470 5%	1/10W
R956	1-216-821-11	METAL CHIP 1K 5%	1/10W
R957	1-216-841-11	METAL CHIP 47K 5%	1/10W
R958	1-216-821-11	METAL CHIP 1K 5%	1/10W
R965	1-216-864-11	SHORT CHIP 0	
< COMPOSITION CIRCUIT BLOCK >			
RB501	1-233-576-11	RES, CHIP NETWORK	100 (3216)
RB502	1-233-576-11	RES, CHIP NETWORK	100 (3216)
RB503	1-233-576-11	RES, CHIP NETWORK	100 (3216)
RB504	1-233-576-11	RES, CHIP NETWORK	100 (3216)
RB505	1-233-576-11	RES, CHIP NETWORK	100 (3216)
RB506	1-233-576-11	RES, CHIP NETWORK	100 (3216)
RB507	1-233-576-11	RES, CHIP NETWORK	100 (3216)
< TRANSFORMER >			
△ T901	1-443-651-11	TRANSFORMER, CONVERTER	
△ T902	1-443-650-11	TRANSFORMER, CONVERTER	
< THERMISTOR >			
△ TH901	1-805-842-21	THERMISTOR, NTC 6.0	
< VARISTOR >			
△ VDR901	1-805-482-11	VARISTOR	
< VIBRATOR >			
X450	1-795-660-21	QUARTZ CRYSTAL UNIT 49.152MHz	
X500	1-795-843-11	VIBRATOR, CRYSTAL 12.288MHz	
X501	1-813-325-11	VIBRATOR, CRYSTAL 13.9MHz	
X502	1-795-058-21	VIBRATOR, CERAMIC 5MHz	

MS-203 BOARD			

< CONNECTOR >			
CN001	1-815-412-11	CONNECTOR, FFC/FPC 5P	
< SWITCH >			
S001	1-786-693-11	SWITCH, DETECTION	

Ref. No.	Part No.	Description	Remark

STBY BOARD			

< CONNECTOR >			
CN804	1-506-481-11	PIN, CONNECTOR 2P	
< SWITCH >			
S801	1-762-875-21	SWITCH, KEYBOARD (I/⏻)	

A-1110-573-A		TX BOARD, COMPLETE (KR)	
A-1116-283-A		TX BOARD, COMPLETE (EXCEPT KR)	

< CAPACITOR >			
C800	1-128-950-21	ELECT 1000uF 20%	16V
C801	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C805	1-126-933-11	ELECT 100uF 20%	16V
C806	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C807	1-162-927-11	CERAMIC CHIP 100PF	5% 50V
C808	1-162-927-11	CERAMIC CHIP 100PF	5% 50V
C809	1-162-927-11	CERAMIC CHIP 100PF	5% 50V
C810	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C811	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C812	1-104-658-91	ELECT 100uF 20%	10V
C813	1-162-927-11	CERAMIC CHIP 100PF	5% 50V
C814	1-162-927-11	CERAMIC CHIP 100PF	5% 50V
C815	1-162-927-11	CERAMIC CHIP 100PF	5% 50V
C816	1-162-927-11	CERAMIC CHIP 100PF	5% 50V
C817	1-162-927-11	CERAMIC CHIP 100PF	5% 50V
C818	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C819	1-162-916-11	CERAMIC CHIP 12PF	5% 50V
C820	1-162-916-11	CERAMIC CHIP 12PF	5% 50V
C821	1-104-658-91	ELECT 100uF 20%	10V
C822	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C823	1-107-726-91	CERAMIC CHIP 0.01uF	10% 16V
C824	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C825	1-162-923-11	CERAMIC CHIP 47PF	5% 50V
C826	1-104-658-91	ELECT 100uF 20%	10V
C827	1-162-927-11	CERAMIC CHIP 100PF	5% 50V
C828	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C829	1-162-923-11	CERAMIC CHIP 47PF	5% 50V
C830	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C831	1-162-927-11	CERAMIC CHIP 100PF	5% 50V
C832	1-162-968-11	CERAMIC CHIP 0.0047uF	10% 50V
C833	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C834	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C835	1-162-966-11	CERAMIC CHIP 0.0022uF	10% 50V
C836	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C837	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C838	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C839	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C840	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C841	1-126-961-11	ELECT 2.2uF	20% 50V
C842	1-164-230-11	CERAMIC CHIP 220PF	5% 50V
C844	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C845	1-104-658-91	ELECT	100uF 20% 10V	< RESISTOR >			
C846	1-107-726-91	CERAMIC CHIP	0.01uF 10% 16V	R802	1-216-833-11	METAL CHIP	10K 5% 1/10W
C847	1-126-933-11	ELECT	100uF 20% 16V	R803	1-216-809-11	METAL CHIP	100 5% 1/10W
C848	1-107-726-91	CERAMIC CHIP	0.01uF 10% 16V	R804	1-216-809-11	METAL CHIP	100 5% 1/10W
C849	1-126-933-11	ELECT	100uF 20% 16V	R805	1-216-809-11	METAL CHIP	100 5% 1/10W
C850	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	R806	1-216-809-11	METAL CHIP	100 5% 1/10W
C851	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	R807	1-216-809-11	METAL CHIP	100 5% 1/10W
C860	1-164-156-11	CERAMIC CHIP	0.1uF 25V	R808	1-216-809-11	METAL CHIP	100 5% 1/10W
C861	1-164-156-11	CERAMIC CHIP	0.1uF 25V	R809	1-216-809-11	METAL CHIP	100 5% 1/10W
C863	1-128-950-21	ELECT	1000uF 20% 16V	R810	1-216-809-11	METAL CHIP	100 5% 1/10W
C864	1-164-156-11	CERAMIC CHIP	0.1uF 25V	R811	1-216-821-11	METAL CHIP	1K 5% 1/10W
C865	1-162-960-11	CERAMIC CHIP	220PF 10% 50V	R812	1-216-815-11	METAL CHIP	330 5% 1/10W
< CONNECTOR >				R813	1-216-813-11	METAL CHIP	220 5% 1/10W
CN801	1-784-370-21	CONNECTOR, FFC/FPC 11P		R814	1-216-809-11	METAL CHIP	100 5% 1/10W
CN802	1-564-505-11	PLUG, CONNECTOR 2P		R815	1-216-815-11	METAL CHIP	330 5% 1/10W
< DIODE >				R816	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
D800	8-719-988-61	DIODE 1SS355TE-17		R817	1-216-821-11	METAL CHIP	1K 5% 1/10W
< GROUND TERMINAL BOARD >				R818	1-216-821-11	METAL CHIP	1K 5% 1/10W
EB801	1-537-770-21	TERMINAL BOARD, GROUND		R819	1-216-821-11	METAL CHIP	1K 5% 1/10W
EB802	1-537-770-21	TERMINAL BOARD, GROUND		R820	1-216-813-11	METAL CHIP	220 5% 1/10W
< FERRITE BEAD >				R821	1-216-826-11	METAL CHIP	2.7K 5% 1/10W
FB804	1-414-234-22	INDUCTOR, FERRITE BEAD		R822	1-216-811-11	METAL CHIP	150 5% 1/10W
< IC >				R823	1-216-813-11	METAL CHIP	220 5% 1/10W
IC800	6-703-550-01	IC TA7809LS		R824	1-216-817-11	METAL CHIP	470 5% 1/10W
IC801	6-704-261-01	IC TK11225CMCL-G		R825	1-216-833-11	METAL CHIP	10K 5% 1/10W
IC802	8-759-548-99	IC SN74LV08APWR		R826	1-216-811-11	METAL CHIP	150 5% 1/10W
IC803	8-759-549-01	IC SN74LV125APWR		R827	1-216-811-11	METAL CHIP	150 5% 1/10W
IC804	8-752-425-05	IC CXD4016R		R829	1-216-835-11	METAL CHIP	15K 5% 1/10W
IC805	8-759-684-21	IC AD8057ARTZ-REEL7		R830	1-216-833-11	METAL CHIP	10K 5% 1/10W
< JACK >				R831	1-220-397-11	METAL CHIP	4.7M 5% 1/10W
J801	1-818-634-11	JACK, PIN 1P (DIR-T1)		R832	1-216-833-11	METAL CHIP	10K 5% 1/10W
< COIL >				R833	1-216-833-11	METAL CHIP	10K 5% 1/10W
L802	1-469-525-91	INDUCTOR	10uH	R834	1-216-833-11	METAL CHIP	10K 5% 1/10W
L803	1-469-525-91	INDUCTOR	10uH	R835	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
L804	1-469-525-91	INDUCTOR	10uH	R836	1-216-826-11	METAL CHIP	2.7K 5% 1/10W
L805	1-469-525-91	INDUCTOR	10uH	R837	1-216-803-11	METAL CHIP	33 5% 1/10W
L806	1-469-525-91	INDUCTOR	10uH	R838	1-216-821-11	METAL CHIP	1K 5% 1/10W
L807	1-469-525-91	INDUCTOR	10uH	R839	1-216-809-11	METAL CHIP	100 5% 1/10W
L808	1-469-525-91	INDUCTOR	10uH	R840	1-216-809-11	METAL CHIP	100 5% 1/10W
L809	1-469-525-91	INDUCTOR	10uH	R841	1-216-809-11	METAL CHIP	100 5% 1/10W
L810	1-469-525-91	INDUCTOR	10uH	R842	1-216-809-11	METAL CHIP	100 5% 1/10W
L811	1-400-305-11	INDUCTOR	47uH	R843	1-216-809-11	METAL CHIP	100 5% 1/10W
L812	1-456-509-11	INDUCTOR	10uH	R844	1-216-809-11	METAL CHIP	100 5% 1/10W
< TRANSISTOR >				< VARIABLE RESISTOR >			
Q801	8-729-230-49	TRANSISTOR	2SC2712G-TE85L	RV801	1-223-582-11	RES, ADJ, CARBON	470
< VIBRATOR >				< VIBRATOR >			
< MISCELLANEOUS >				X801	1-795-044-21	VIBRATOR, CRYSTAL 24.576MHz	
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HCD-DZ770W

Ref. No.	Part No.	Description	Remark
△ 106	1-777-071-83	CORD, POWER (E3, SP)	
△ 106	1-828-529-21	CORD, POWER (KR)	
110	1-830-464-11	WIRE (FLAT TYPE) (23 CORE)	
112	1-830-549-11	WIRE (FLAT TYPE) (5 CORE)	
113	1-830-545-11	WIRE (FLAT TYPE) (11 CORE)	
114	1-830-548-11	WIRE (FLAT TYPE) (13 CORE)	
115	1-828-009-11	WIRE (FLAT TYPE) (11 CORE)	
116	1-830-546-11	WIRE (FLAT TYPE) (11 CORE)	
△ 507	8-820-290-02	OPTICAL PICK-UP (KHM-310CAA/C2RP)	
508	1-830-550-11	WIRE (FLAT TYPE) (24 CORE)	
△ F901	1-532-506-33	FUSE (T6.3AL/250V)	

MEMO

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