HCD-GTR333/GTR555/GTR777/GTR888

SERVICE MANUAL

E Model

Ver. 1.0 2011.05

Photo: HCD-GTR888 (E2 Model)

- HCD-GTR333 is the amplifier, USB, CD player and tuner section in MHC-GTR333.
- HCD-GTR555 is the amplifier, USB, CD player and tuner section in MHC-GTR555.
- HCD-GTR777 is the amplifier, USB, CD player and tuner section in MHC-GTR777.
- HCD-GTR888 is the amplifier, USB, CD player and tuner section in MHC-GTR888.

CD Section	Model Name Using Similar Mechanism	HCD-GTR6/GTR6B/GTR7/GTR8/GTR8B
	CD Mechanism Type	CDM74HF-DVBU101//M
	Optical Pick-up Name	KHM-313CAB/C2NP

SPECIFICATIONS

Amplifier section

The following are measured at AC 120 V – 240 V, 50/60 Hz

MHC-GTR888

Front/Satellite speaker
  Power Output (rated):
  290 W + 290 W (at 4 Ω, 1 kHz, 1% THD)
Front speaker
  RMS output power (reference):
  360 W + 360 W (per channel at 6 Ω, 1 kHz)
Satellite speaker
  RMS output power (reference):
  180 W + 180 W (per channel at 12 Ω, 1 kHz)
Subwoofer
  RMS output power (reference):
  260 W + 260 W (per channel at 8 Ω, 100 Hz)

MHC-GTR777

Front/Satellite speaker
  Power Output (rated):
  190 W + 190 W (at 4 Ω, 1 kHz, 1% THD)
Front speaker
  RMS output power (reference):
  220 W + 220 W (per channel at 6 Ω, 1 kHz)
Satellite speaker
  RMS output power (reference):
  110 W + 110 W (per channel at 12 Ω, 1 kHz)
Subwoofer
  RMS output power (reference):
  170 W + 170 W (8 Ω, 100 Hz)

MHC-GTR555

Front speaker
  Power Output (rated):
  160 W + 160 W (at 5 Ω, 1 kHz, 1% THD)
  RMS output power (reference):
  250 W + 250 W (per channel at 5 Ω, 1 kHz)
Subwoofer
  RMS output power (reference):
  250 W (5 Ω, 100 Hz)

MHC-GTR333

Front speaker
  Power Output (rated):
  130 W + 130 W (at 4 Ω, 1 kHz,1% THD)
  RMS output power (reference):
  250 W + 250 W (per channel at 4 Ω, 1 kHz)

Inputs

TV (AUDIO IN) L/R
  Voltage 1.2 V, impedance 47 kΩ
DVD/PC (AUDIO IN) L/R
  Voltage 1.2 V, impedance 47 kΩ
MIC (MHC-GTR888/MHC-GTR777 only)
  Sensitivity 1 mV, impedance 10 kΩ
A, B port: Type A

USB section

Supported bit rate
  MP3 (MPEG 1 Audio Layer-3):
  32 kbps – 320 kbps, VBR
  WMA: 48 kbps – 192 kbps
  AAC: 48 kbps – 320 kbps
Sampling frequencies
  MP3 (MPEG 1 Audio Layer-3):
  32 kHz/44.1 kHz/48 kHz
  WMA: 44.1 kHz
  AAC: 44.1 kHz
Transfer speed
  Full-Speed
Supported USB device
  Mass Storage Class
Maximum current
  500 mA

Disc player section

System
  Compact disc and digital audio system
Laser Diode Properties
  Emission Duration: Continuous
  Laser Output*: Less than 44.6 µW
  * This output is the value measurement at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.
Frequency response
  20 Hz – 20 kHz
Signal-to-noise ratio
  More than 90 dB
Dynamic range
  More than 88 dB

Tuner section

FM stereo, FM/AM superheterodyne tuner
Antenna:
  FM lead antenna
  AM loop antenna

FM tuner section

Tuning range
  87.5 MHz – 108.0 MHz (50 kHz step)

AM tuner section

Tuning range
  Pan American models:
  530 kHz – 1,710 kHz (10 kHz step)
  531 kHz – 1,710 kHz (9 kHz step)
  Other models:
  530 kHz – 1,610 kHz (10 kHz step)
  531 kHz – 1,602 kHz (9 kHz step)

General

Power requirements
  AC 120 V – 240 V, 50/60 Hz
Power consumption
  MHC-GTR888: 220 W
  MHC-GTR777: 160 W
  MHC-GTR555: 150 W
  MHC-GTR333: 110 W
Dimensions (w/h/d) (excl. speakers) (Approx.)
  280 mm × 333 mm × 439.5 mm
Mass (excl. speakers) (Approx.)
  HCD-GTR888: 7.1 kg
  HCD-GTR777/HCD-GTR555: 6.7 kg
  HCD-GTR333: 6.4 kg
Supplied accessories
  Remote control (1)
  R6 (Size AA) batteries (2)
  FM lead/AM loop antenna (1)
  Spacer A (MHC-GTR888 only) (2)
  Spacer B (MHC-GTR888 only) (2)

Design and specifications are subject to change without notice.

- Abbreviation
  E2 : 120V AC area in E model

COMPACT DISC RECEIVER

9-890-567-01
2011E80-1
© 2011.05

Sony Corporation
Published by Sony EMCS (Malaysia) PG Tec

SONY®

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 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.

SAFETY CHECK-OUT

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

LEAKAGE TEST

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

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

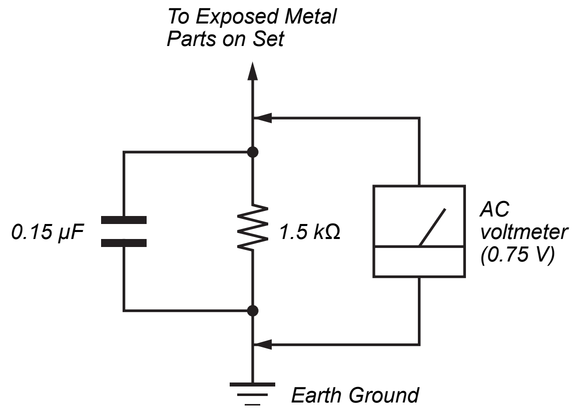


Fig. A. Using an AC voltmeter to check AC leakage.

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

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

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.

TABLE OF CONTENTS

SECTION 1
SERVICING NOTES

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 pickup block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

UNLEADED SOLDER

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

LF : LEAD FREE MARK

Unleaded solder has the following characteristics.

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

NOTE OF REPLACING THE IC102 AND IC4605 ON THE DMB21 BOARD

IC102 and IC4605 on the DMB21 board cannot exchange with single. When these parts on the DMB21 board are damaged, exchange the entire mounted board.

RELEASING THE DISC TRAY LOCK

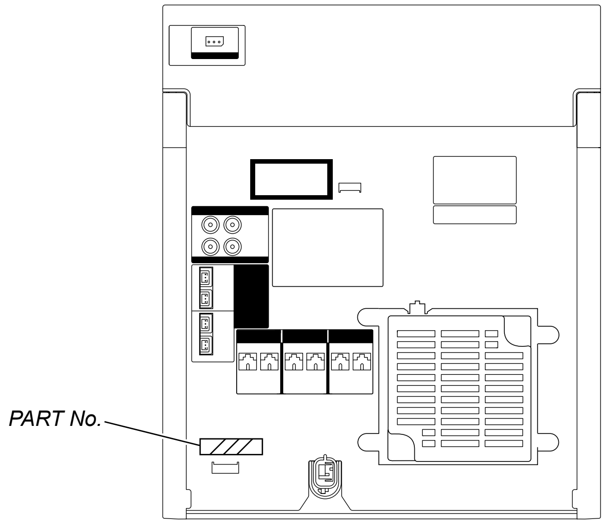
The disc tray lock function for the antitheft of an demonstration disc in the store is equipped.

Releasing Procedure:

1. Press [I/⏻ STANDBY] button to turn the power on.
2. Press the [CD/DISC SKIP] button to select CD function.
3. While pressing the [TV] button, press the [⏏ OPEN/CLOSE] button for more 5 seconds).
4. The message “UNLOCKED” is displayed and the disc tray is unlocked.

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

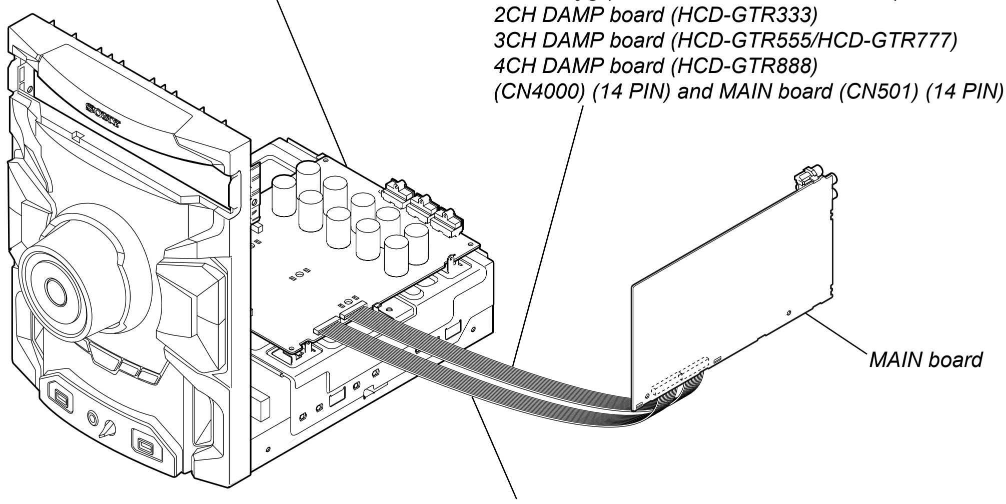
MODEL IDENTIFICATION
– Back Panel –



Model	Part No.
HCD-GTR333: E2, E51, AR	4-265-400-0□
HCD-GTR333: MX	4-265-400-2□
HCD-GTR555: E2, E51, AR	4-265-400-5□
HCD-GTR555: MX	4-265-400-7□
HCD-GTR777, GTR888: E2, E51, AR	4-265-401-0□
HCD-GTR777, GTR888: MX	4-265-401-2□

MICOM (IC500) ON MAIN BOARD SERVICE POSITION

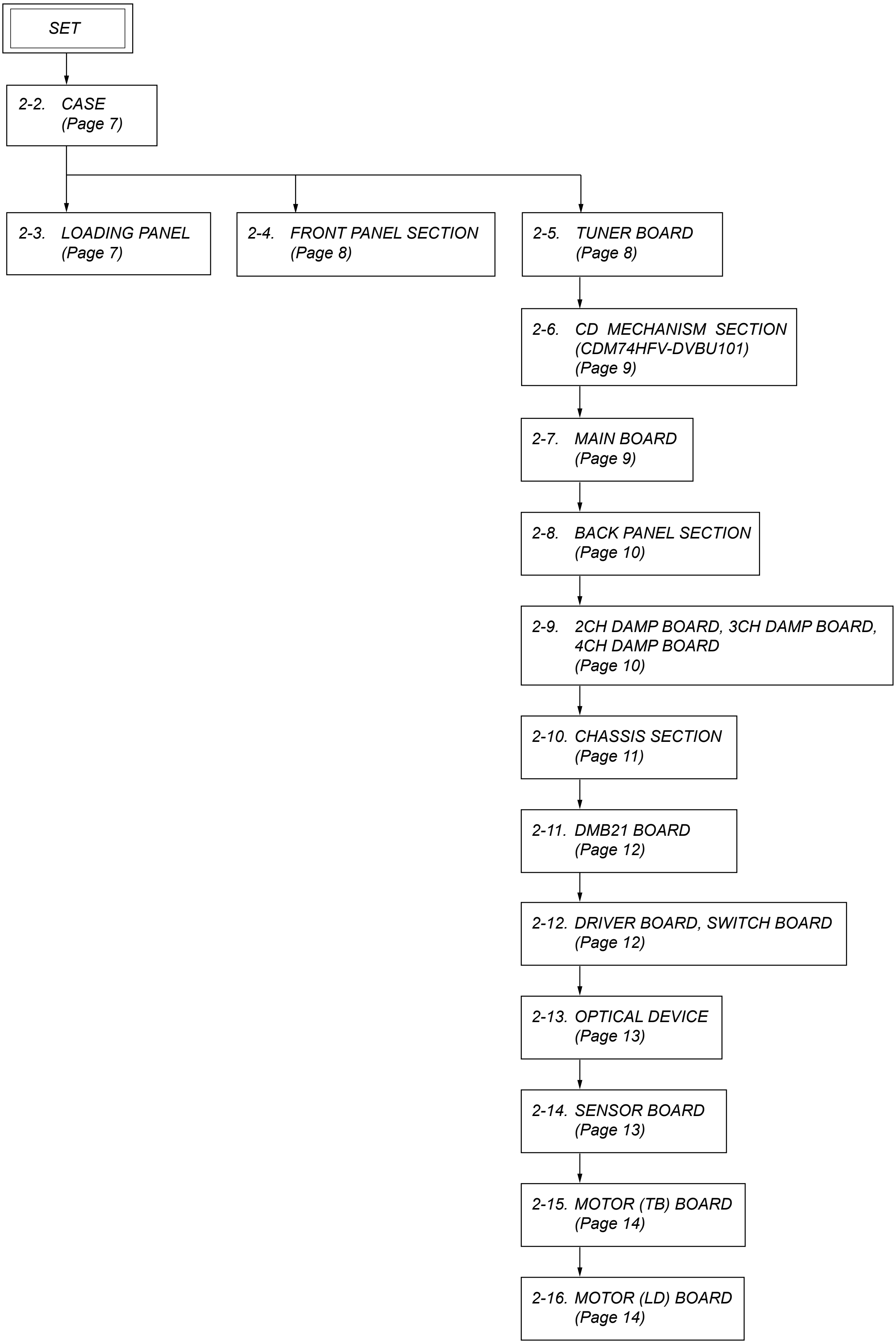
- In checking the MICOM (IC500) on the MAIN board, prepare two extension jigs (1-921-321-91: 14 cores, 150 mm (common)/ 1-921-321-71: 10 cores, 150 mm (for 2CH DAMP board)/ 1-921-321-81: 12 cores, 150 mm (for 3CH DAMP board)/ 1-921-321-91: 14 cores, 150 mm (for 4CH DAMP board).



SECTION 2
DISASSEMBLY

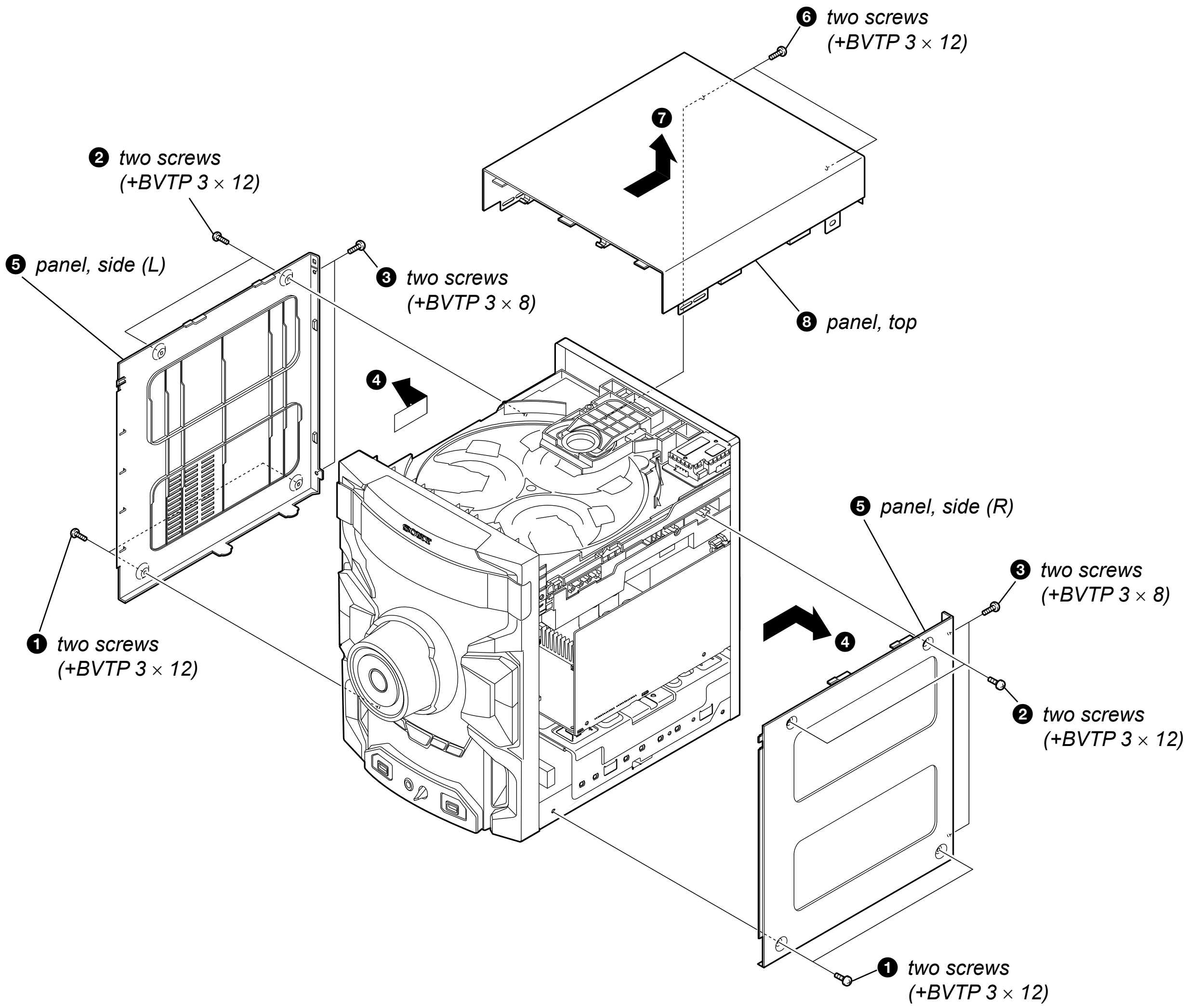
- This set can be disassembled in the order shown below.

2-1. DISASSEMBLY FLOW

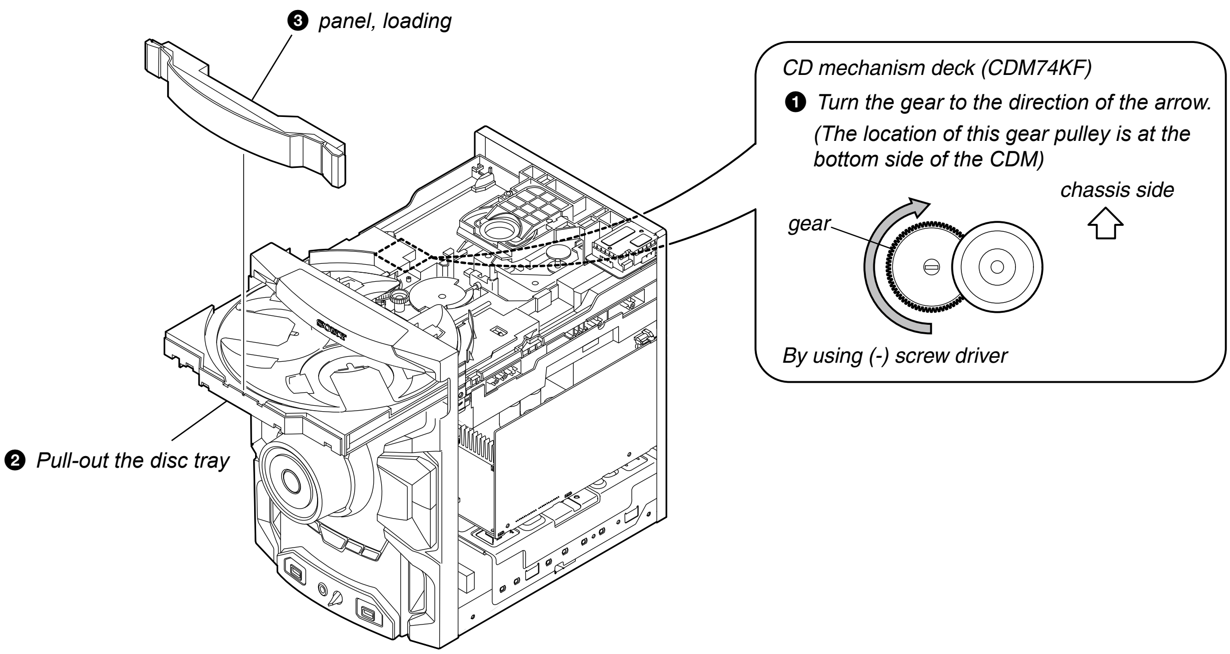


Note: Follow the disassembly procedure in the numerical order given.

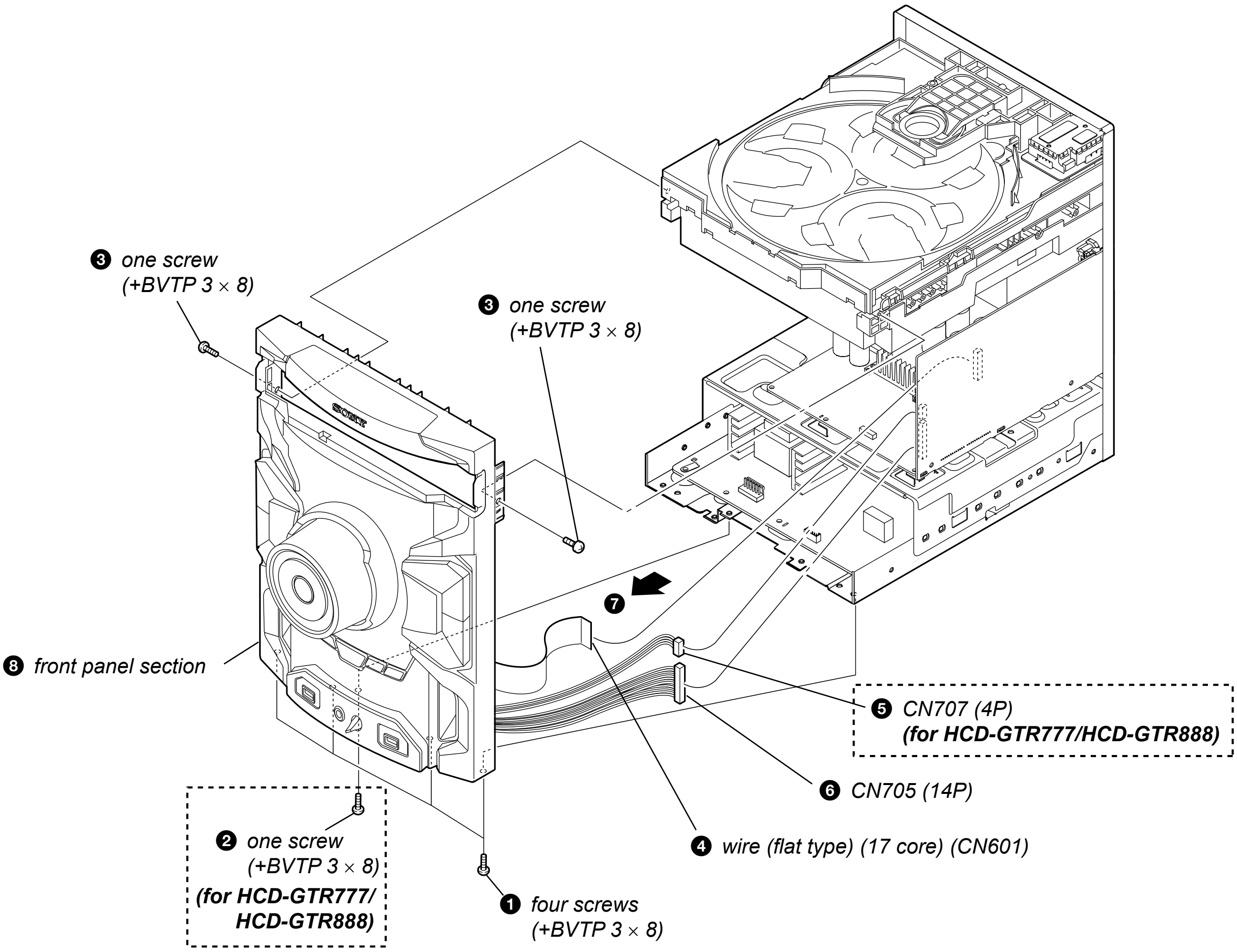
2-2. CASE



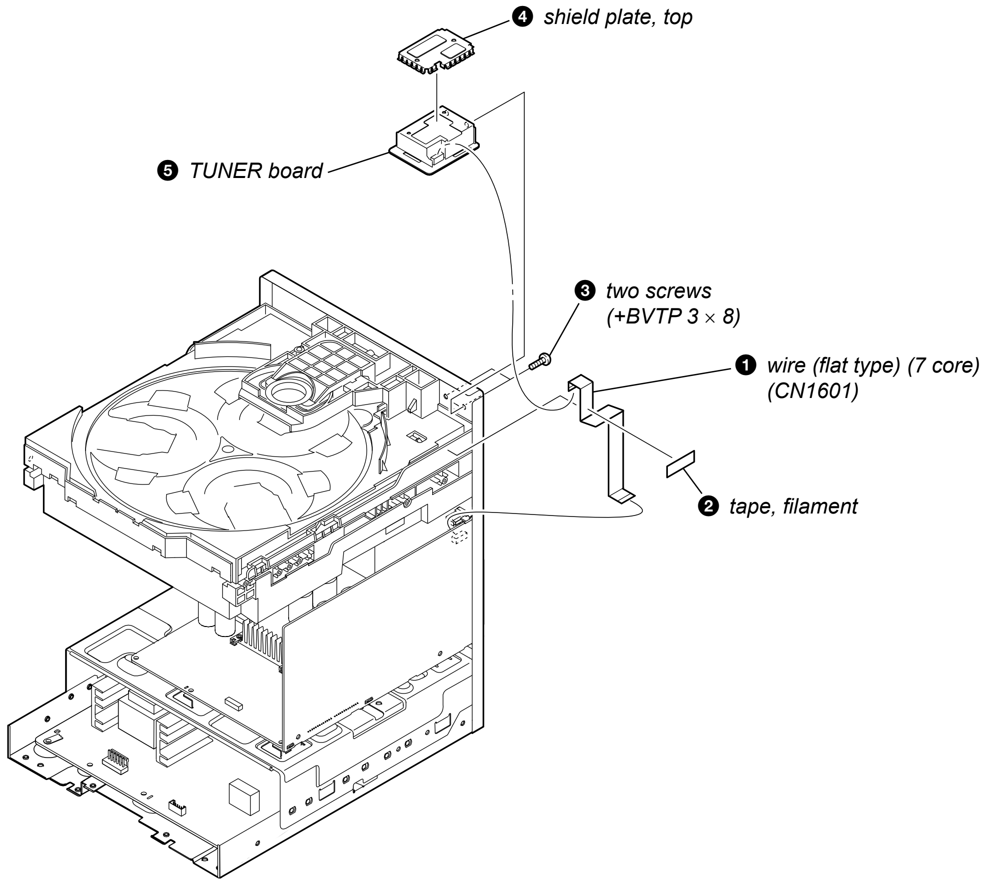
2-3. LOADING PANEL



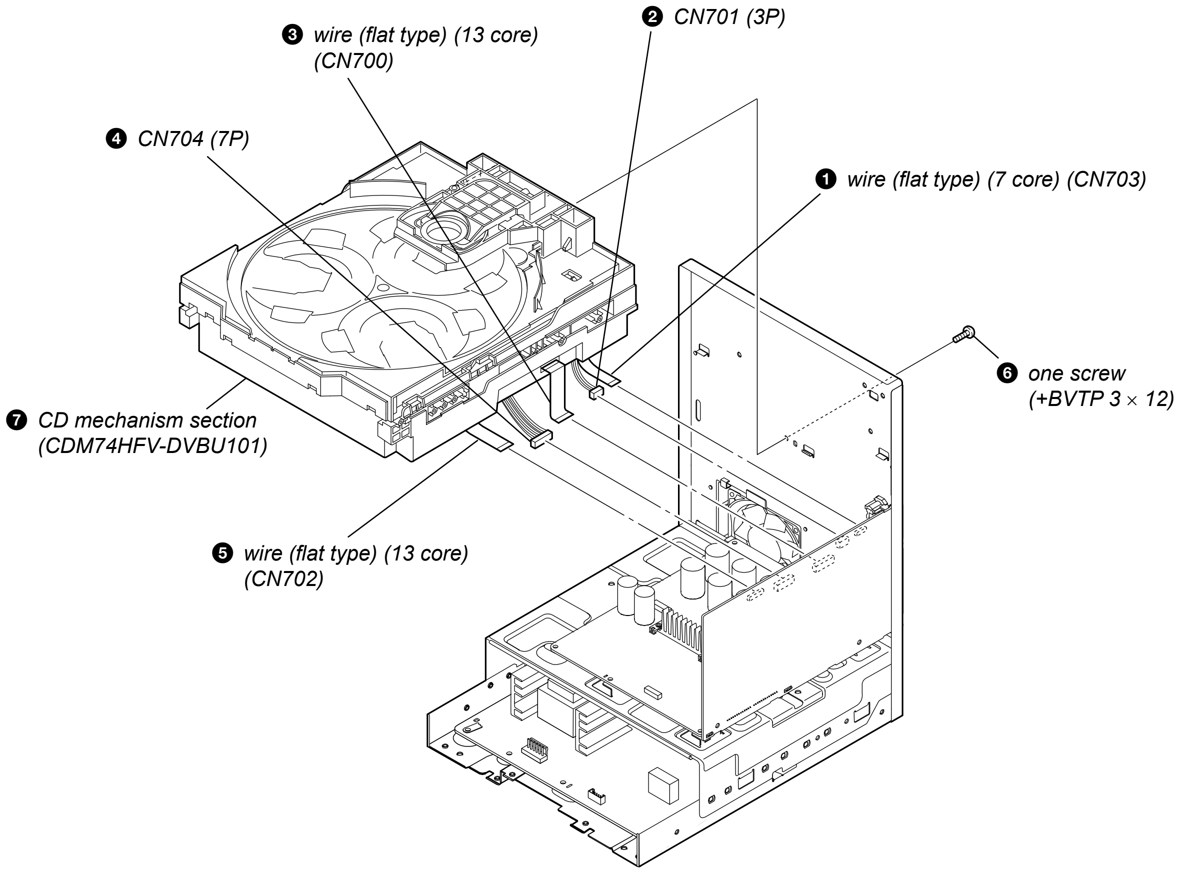
2-4. FRONT PANEL SECTION



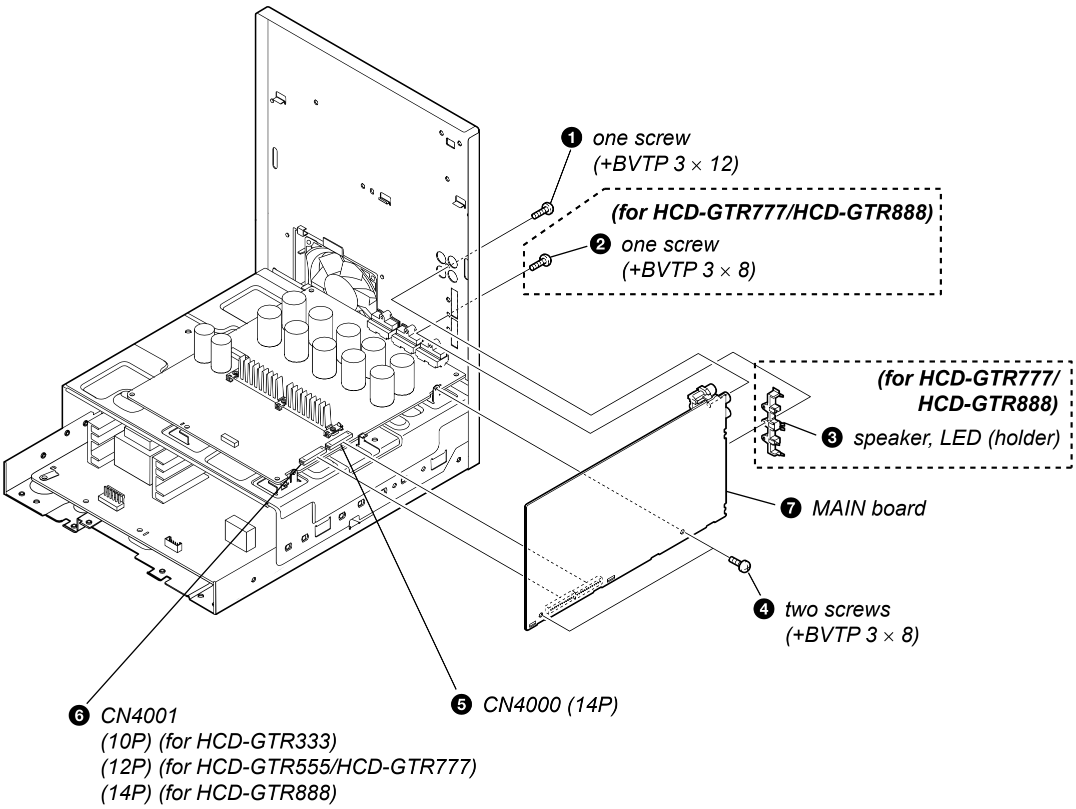
2-5. TUNER BOARD



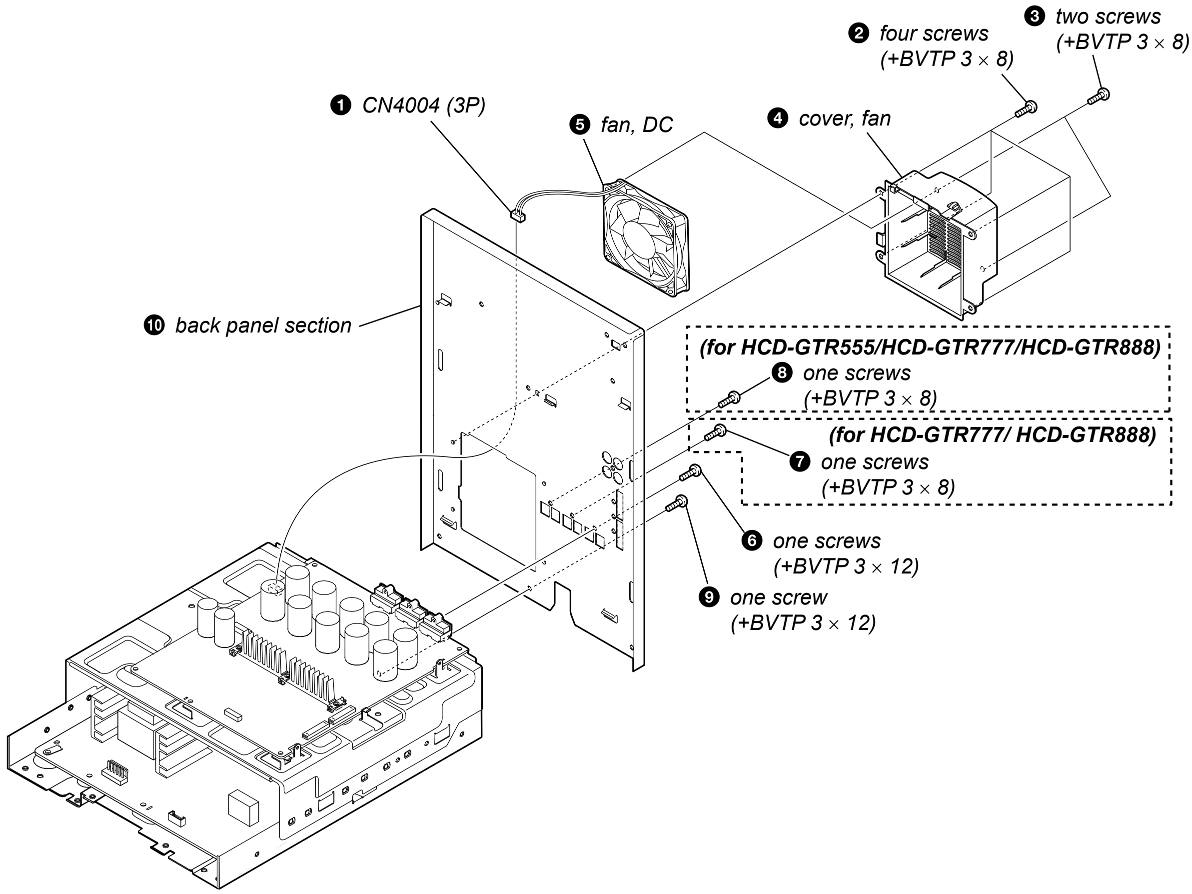
2-6. CD MECHANISM SECTION (CDM74HFV-DVBU101)



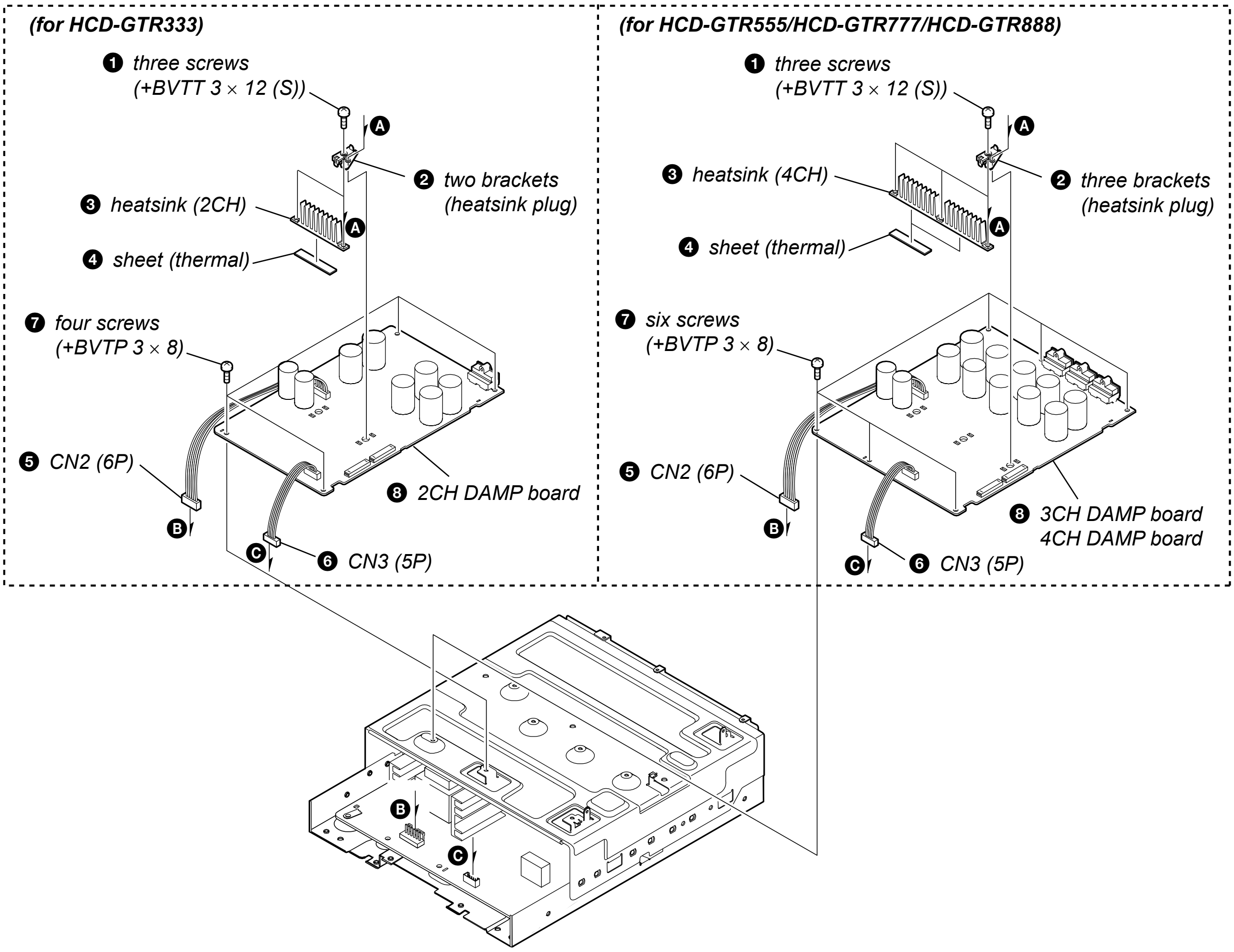
2-7. MAIN BOARD



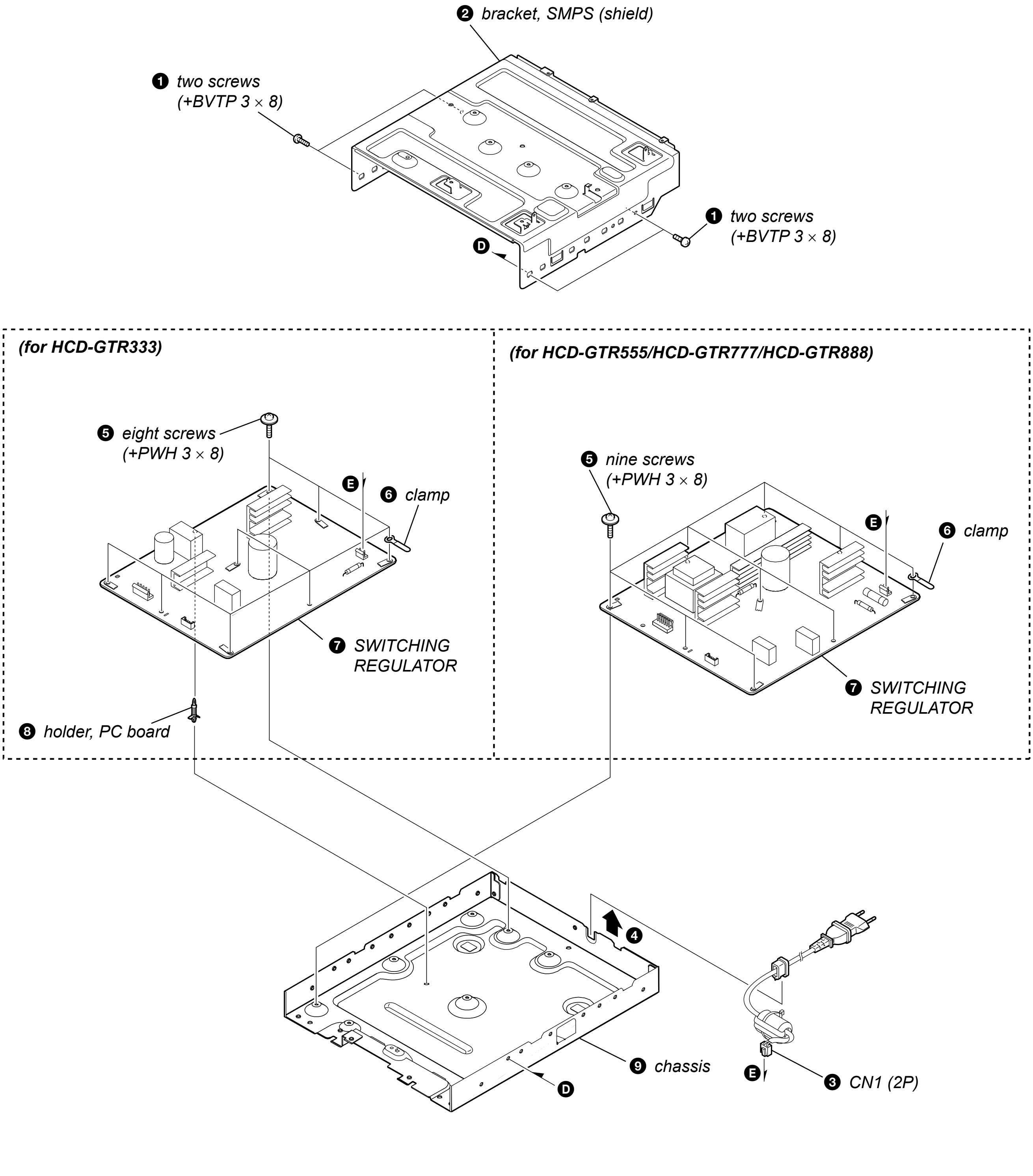
2-8. BACK PANEL SECTION



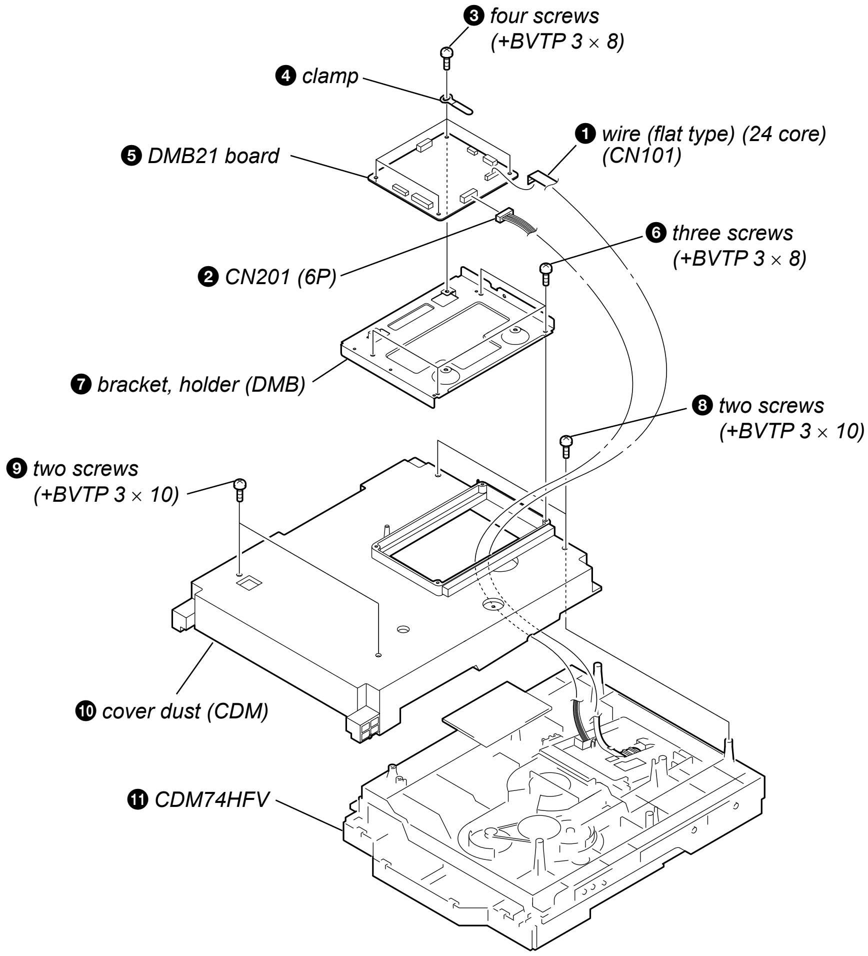
2-9. 2CH DAMP BOARD, 3CH DAMP BOARD, 4CH DAMP BOARD



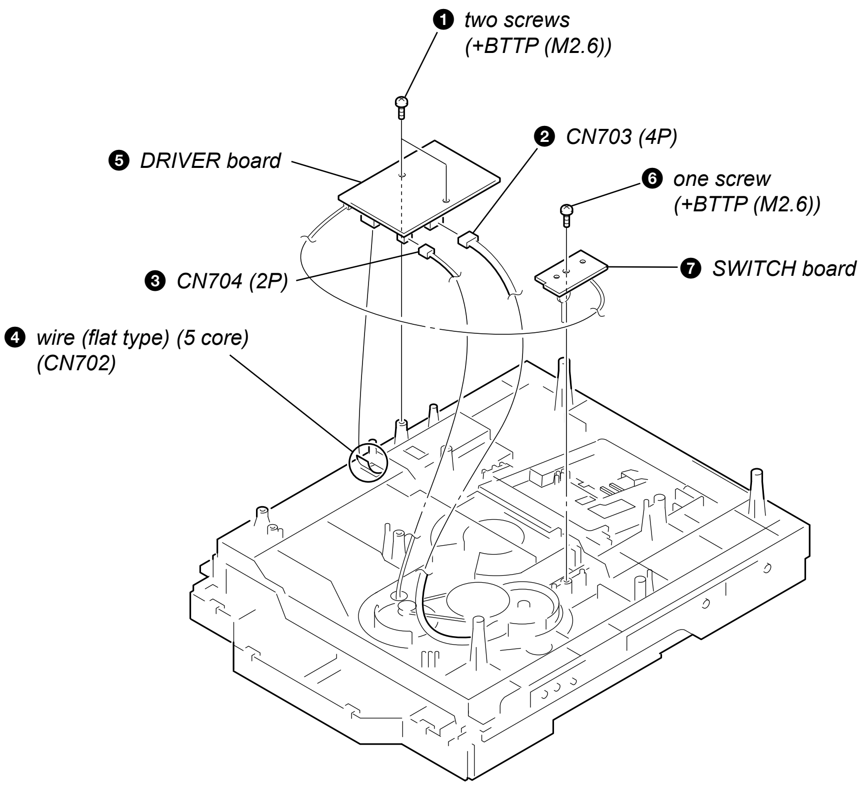
2-10. CHASSIS SECTION



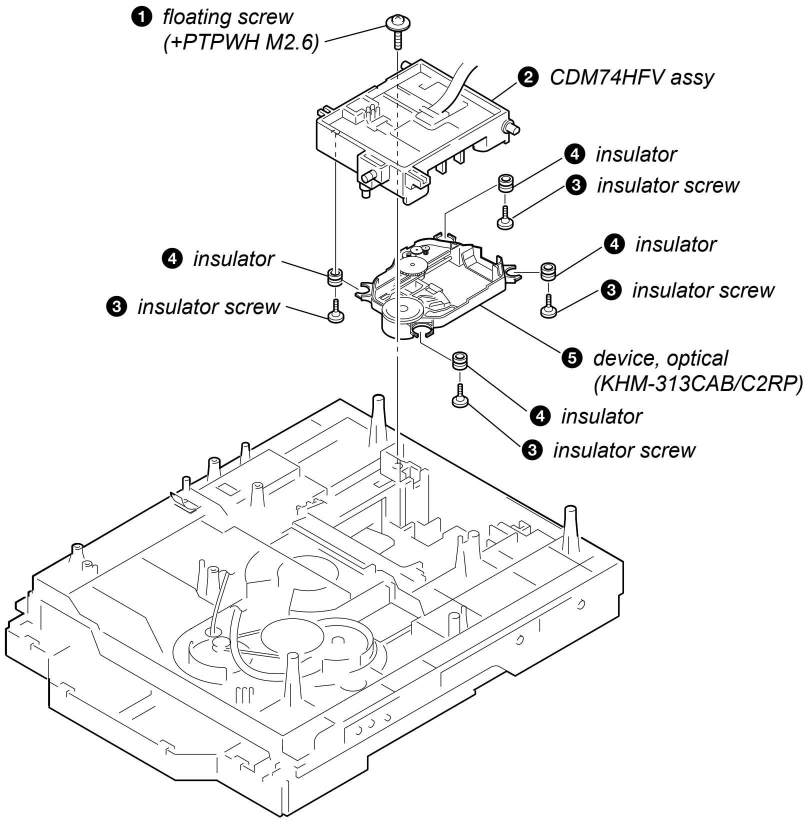
2-11. DMB21 BOARD



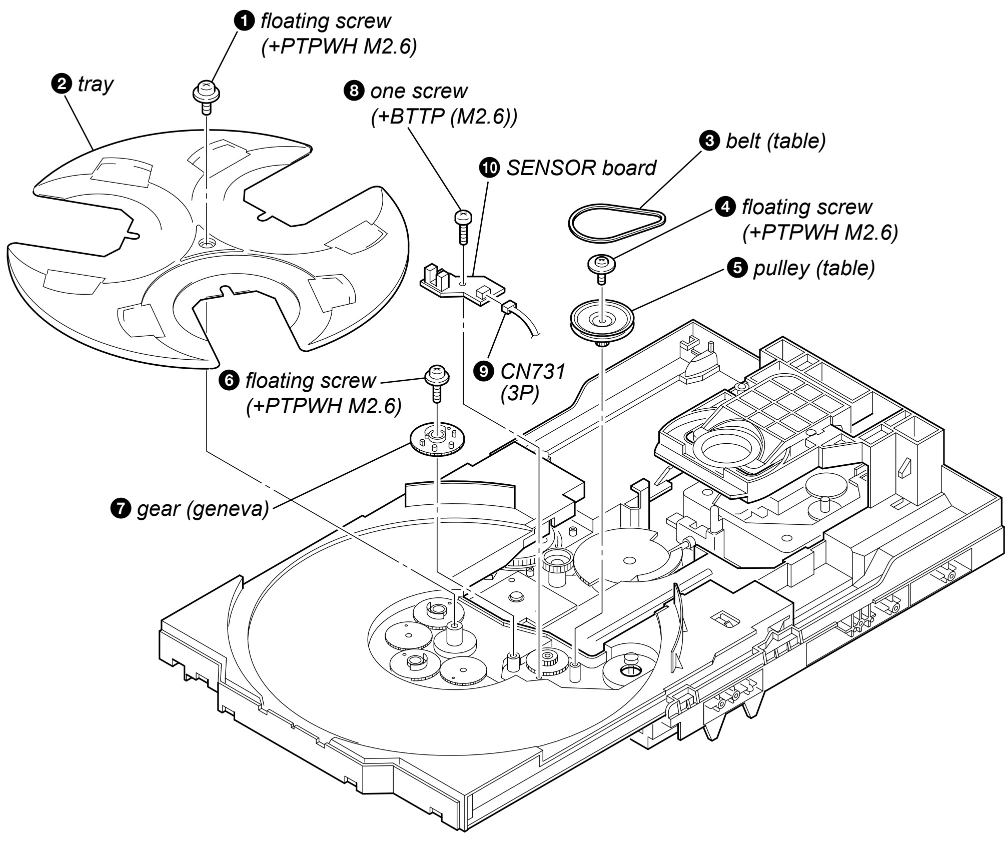
2-12. DRIVER BOARD, SWITCH BOARD



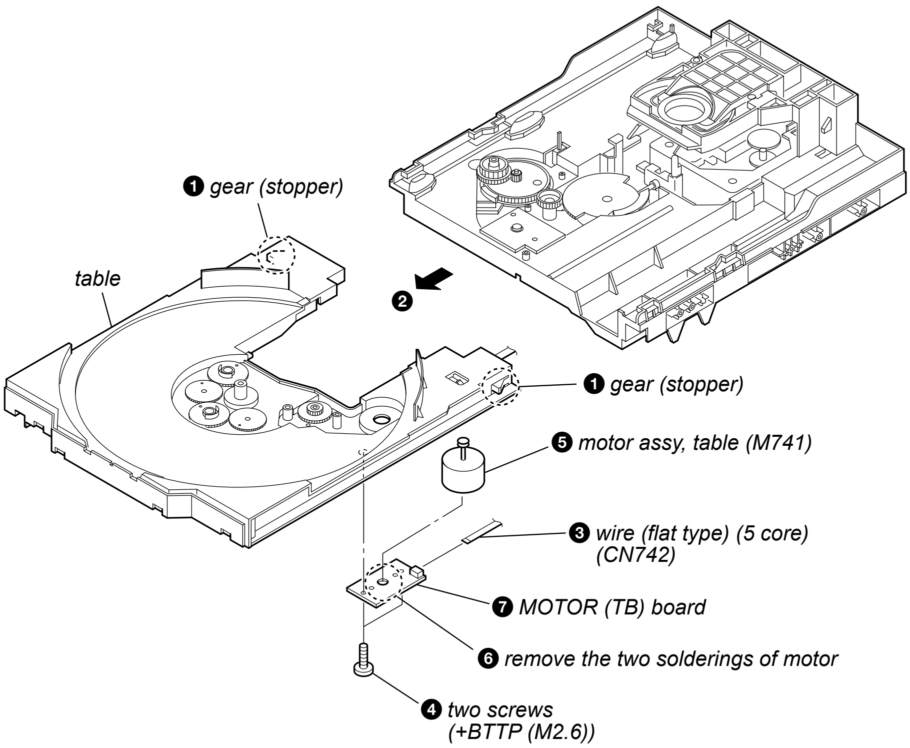
2-13. OPTICAL DEVICE



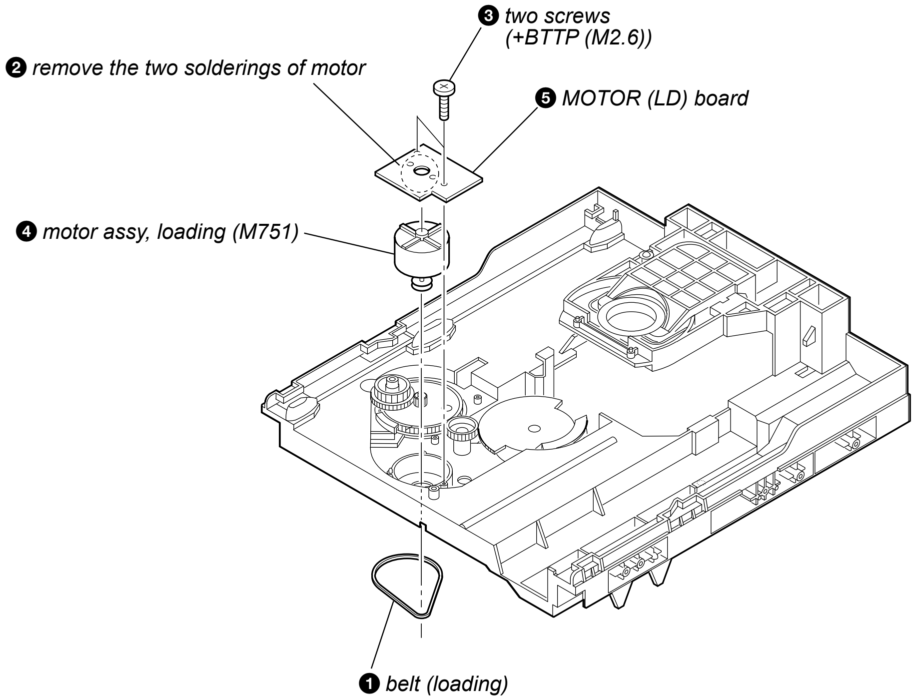
2-14. SENSOR BOARD



2-15. MOTOR (TB) BOARD



2-16. MOTOR (LD) BOARD



SECTION 3
TEST MODE

[PANEL TEST MODE]

- This mode is used to check the fluorescent indicator tube, LEDs, keys, [MASTER VOLUME] jog, model, destination and software version.

Procedure:

1. Press [TV] button and [OPTION] button simultaneously and hold 3 seconds.
2. All LEDs and segments in fluorescent indicator tube are lighted up.
3. When you want to enter to the software version display mode, press [PRESET EQ] button. The model information appears on the fluorescent indicator tube.
   - "GFX 2" is shown for MHC-GTR333.
   - "GFX 3S" is shown for MHC-GTR555.
   - "GFX 4S" is shown for MHC-GTR777.
   - "GFX 7S" is shown for MHC-GTR888.

   Press [PRESET EQ] button again to view the destination information.
4. During the destination information display, press [PRESET EQ] button. Each time [PRESET EQ] button is pressed, the fluorescent indicator tube shows the version of each category software in the following sequence: SC, MTK (DMB Board firmware version), UI, PF, SYS, CD, CDMA, CDMB, ST, TA TAS, TM and return back to model information display.
5. When [SEARCH] button is pressed while the version numbers are being displayed except model and destination, the date of the software creation appears. When [SEARCH] button is pressed again, the display returns to the software version display. When [PRESET EQ] button is pressed while the date of the software creation is being displayed, the date of the software creation is displayed in the same order of software version display.
6. Press [GROOVE] button, the key check mode is activated.
7. In the key check mode, the fluorescent indicator tube displays "K 0 V0".
   Each time a button is pressed, "K" value increases. However, once a button has been pressed, it is no longer taken into account.
   "V" value increases in the manner of 0, 1, 2, 3 ... if [MASTER VOLUME] knob is turned clockwise, or it decreases in the manner of 0, 9, 8, 7 ... if [MASTER VOLUME] knob is turned counterclockwise.
8. When [DJ EFFECT] button is pressed after all LEDs and segments in fluorescent indicator tube light up, alternate segments in fluorescent indicator tube and LEDs would light up. If you press [DJ EFFECT] button again, another half of alternate segments in fluorescent indicator tube and LEDs would light up. Pressing [DJ EFFECT] button again would cause all segments in fluorescent indicator tube and LEDs light up.
9. To release from this mode, press three buttons in the same manner as step 1, or disconnect the power cord.

[COMMON TEST MODE]

- This mode is used to check operations of the Amplifier section.

Procedure:

- To enter Common Test Mode

1. Press [USB/USB SELECT] button and [GROOVE] button simultaneously and hold for 3 seconds.
2. The bar segment flash on the fluorescent indicator tube. The function is changed to TV and the volume is changed to VOLUME MIN.

- Check of Amplifier

1. Press [PRESET EQ] button repeatedly until a message "GEQ MAX" appears on the fluorescent indicator tube. GEQ increases to its maximum.
2. Press [PRESET EQ] button repeatedly until a message "GEQ MIN" appears on the fluorescent indicator tube. GEQ decreases to its minimum.
3. Press [PRESET EQ] button repeatedly until a message "GEQ FLAT" appears on the fluorescent indicator tube. GEQ is set to flat.
4. When the [MASTER VOLUME] knob is turned clockwise even slightly, the sound volume increases to its maximum and a message "VOLUME MAX" appears on the fluorescent indicator tube.
5. When the [MASTER VOLUME] knob is turned counter-clockwise even slightly, the sound volume decreases to its minimum and a message "VOLUME MIN" appears on the fluorescent indicator tube.

- To release from Common Test Mode

1. To release from this mode, press [POWER] button.
2. The cold reset is enforced at the same time.

[COLD RESET]

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

- Procedure:
  1. Press [POWER] button to turn on the system.
  2. Press [■] button and [POWER] button simultaneously for 3 seconds.
  3. "COLD RESET" appears on the fluorescent indicator tube. After that, the fluorescent indicator tube becomes blank for a while, and the system is reset.

[TUNER STEP CHANGE]

- The step interval of AM channels can be toggled between 9 kHz and 10 kHz. This mode is not available for Saudi Arabian, European and Russian models.

- Procedure:
  1. Press [POWER] button to turn on the system.
  2. Press [FUNCTION] button repeatedly to select the "AM".
  3. Press [POWER] button to turn off the system.
  4. Press [SEARCH] button and [POWER] button simultaneously. The system turns on automatically. The message "AM 9K STEP" or "AM 10K STEP" appears on the fluorescent indicator tube and thus the channel step is changed.

[CD SHIP MODE (WITH MEMORY CLEAR)]

- This mode moves the optical pick-up to the position durable to vibration and clears all data including preset data stored in the EEPROM to initial conditions during the next AC-In. Use this mode when returning the set to the customer after repair.

- Procedure:
  1. Press [POWER] button to turn on the system.
  2. Select CD function.
  3. Press [GROOVE] button and [POWER] button simultaneously for 3 seconds. The system turns off automatically.
  4. Message "MECHA LOCK" is displayed on the fluorescent indicator tube and the CD ship mode is set.

[CD SHIP MODE (WITHOUT MEMORY CLEAR)]

- This mode moves the optical pick-up to the position durable to vibration. Use this mode when returning the set to the customer after repair.

- Procedure:
  1. Press [POWER] button to turn on the system.
  2. Select CD function.
  3. Press [EX-CHANGE] button and [POWER] button simultaneously. The system turns off automatically.
  4. Message "MECHA LOCK" is displayed on the fluorescent indicator tube and the CD ship mode is set.

[CD TRAY LOCK MODE]

- This mode let you lock the disc tray. When this mode is activated, the disc tray will not open when [⏏ OPEN/CLOSE] button or [EX-CHANGE] button is pressed. The message "LOCKED" will be displayed on the fluorescent indicator tube. This mode only applied when there is disc(s) on the tray.

- Procedure:
  1. Press [POWER] button to turn on the system.
  2. Select CD function.
  3. Press [STOP] button and [ENTER] button simultaneously and hold down until "LOCKED" or "UNLOCKED" displayed on the fluorescent indicator tube (around 5 seconds).

[FACTORY PRESET]

- This mode is use to load all the factory use preset frequencies into FM 1-FM 20 and AM 1-AM 10. Originally, frequency of FM 1-FM 20 and AM 1-AM10 are set to the minimum frequency.

- Procedure:
  1. Press [POWER] button to turn on the system.
  2. Press [TV] button and [FUNCTION] button simultaneously and hold for 3 seconds, message "FACTORY" appears on the fluorescent indicator tube. The function is changed to TUNER automatically.

[CDM AGING MODE]

- This mode is used to display the total count of meter pointer touch initial switch and max switch.

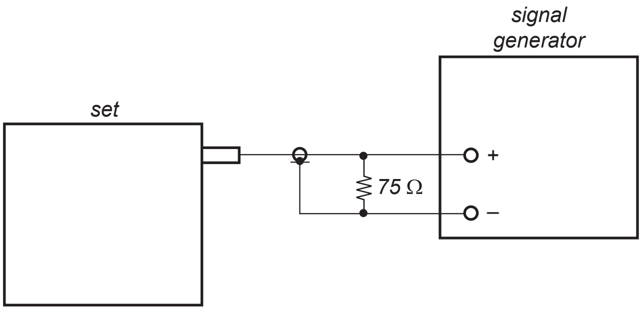
- Procedure:
  1. Press [POWER] button to turn on the system.
  2. Select CD function and All DISC play mode.
  3. Put discs on all trays and close the tray.
  4. Press [▶ II] button and [EXCHANGE] button simultaneously for 3 seconds.
  5. The fluorescent indicator tube displays Aging Display "AG xxxx/yyyy".
     "xxxx" represents the error counter
     (Maximum Value of "xxxx" = 9999)
     "yyyyy" represents the cycle counter
     (Maximum Value of "yyyy" = 9999)
  6. Press [<<] or [>>] to search for Aging History Error Display.
     The fluorescent indicator tube displays "Mx E1E2E3E4".
     x: error history number
     E1: Loading sequence JCP high
     E2: Loading sequence JCP low
     E3: Loading operation JCP
     E4: Cam position operation JCP
  7. Press [ENTER] to Aging Display.

- To release from CDM Aging Mode.
  To release from this mode, press [POWER] button or perform COLD RESET operation.

SECTION 4
ELECTRICAL CHECK

TUNER SECTION | 0 dB = 1 μV

FM AUTO STOP CHECK



Procedure:

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

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

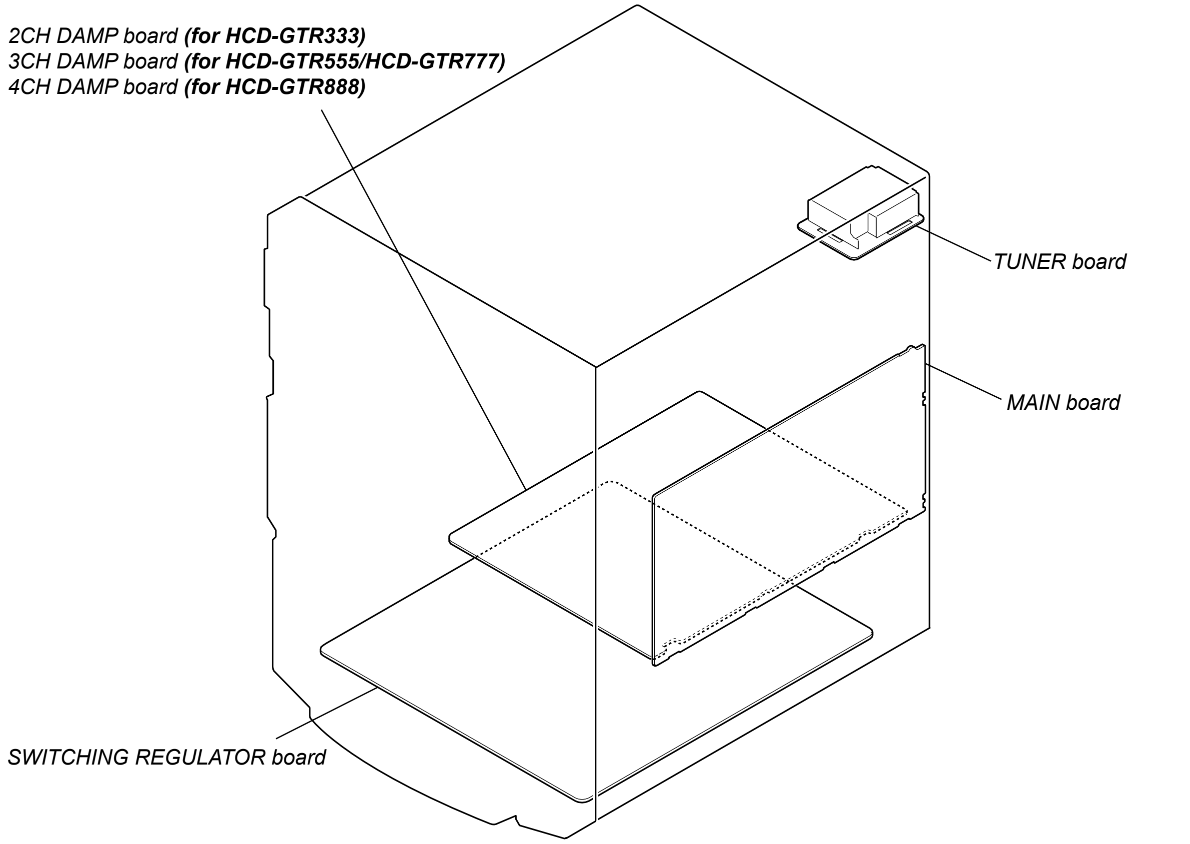
Note: Please use 75 ohm "coaxial cable" to connect SG and the set. You cannot use video cable for checking.
Please use SG whose output impedance is 75 ohm.

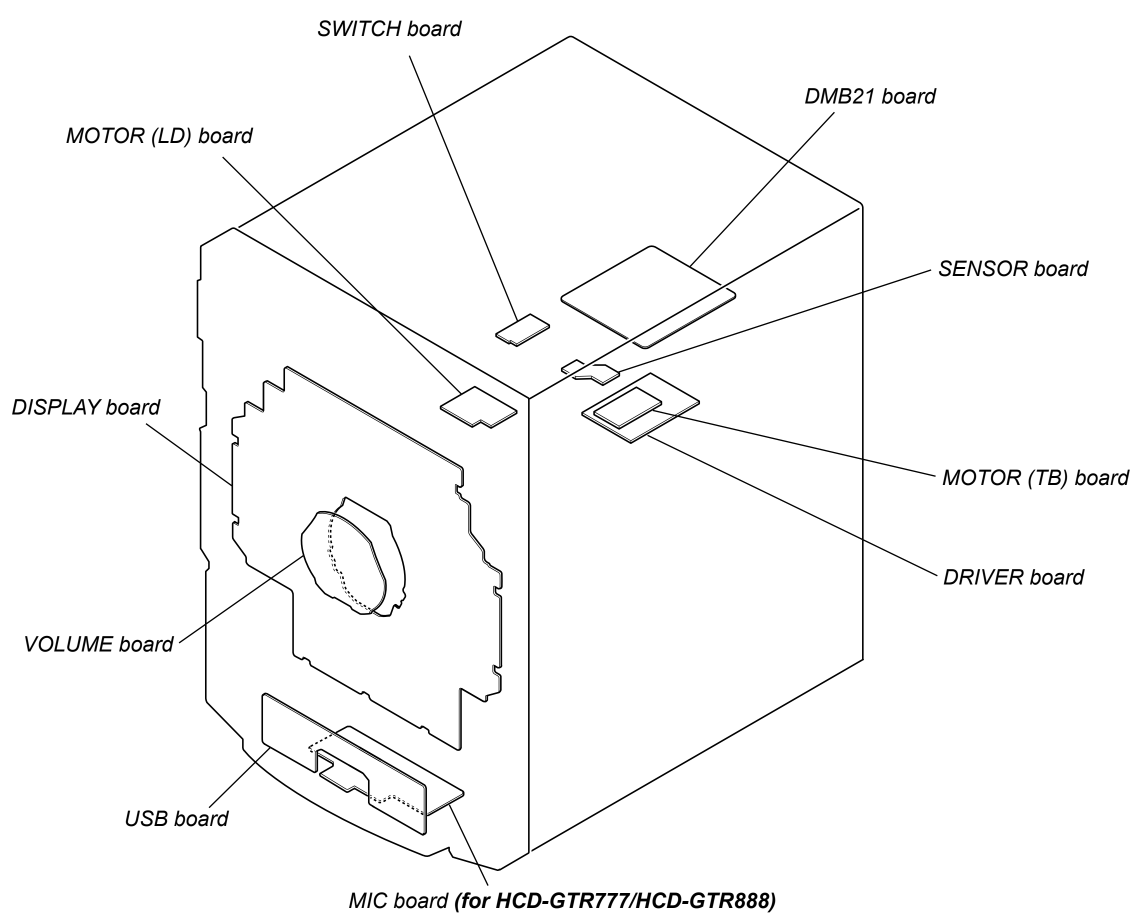
3. Set to FM tuner function and scan the input FM signal with automatic scanning.
4. Confirm that input Frequency of A, B and C detected and automatic scanning stops.

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

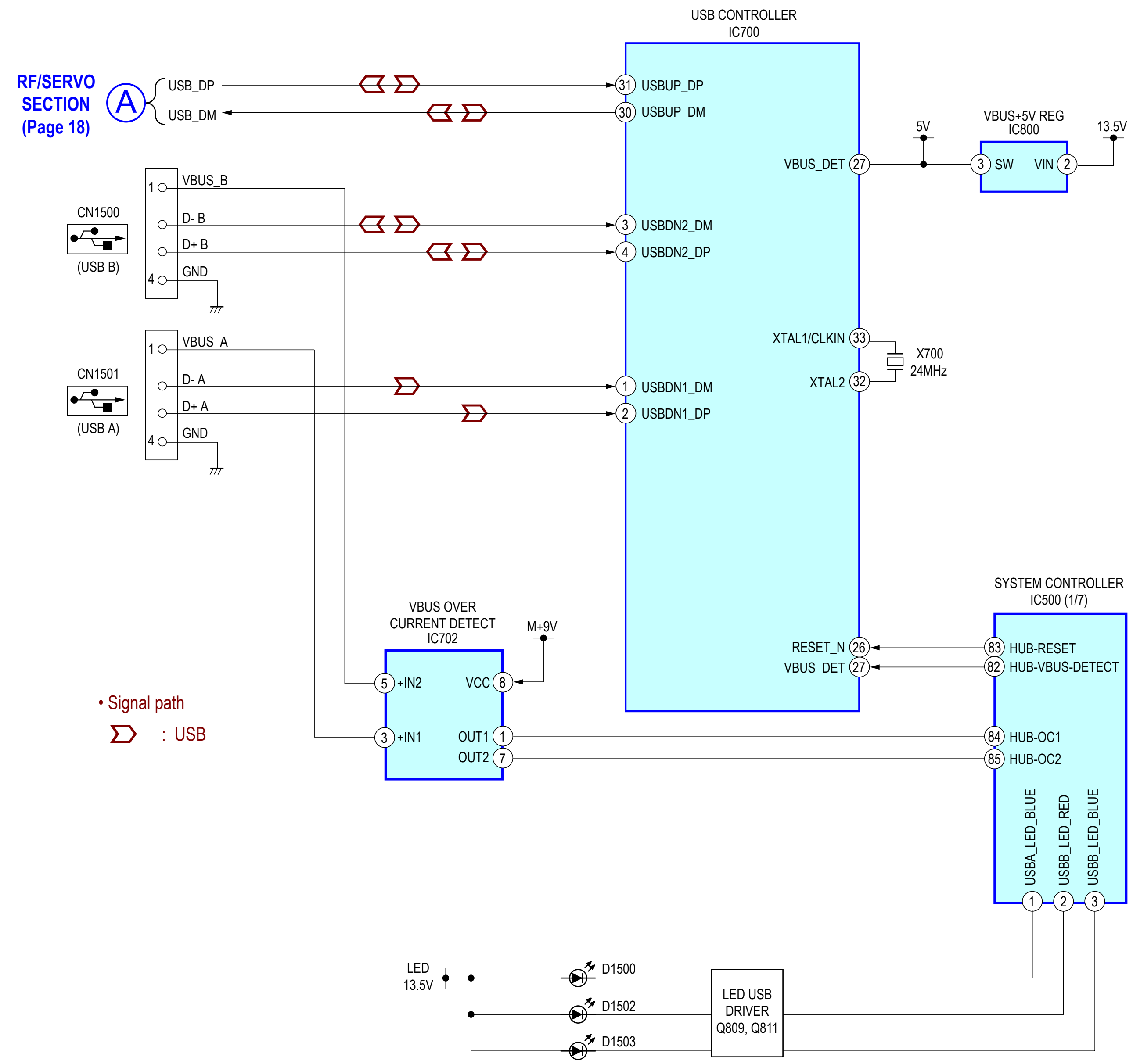
SECTION 5
DIAGRAMS

• **Circuit Boards Location**

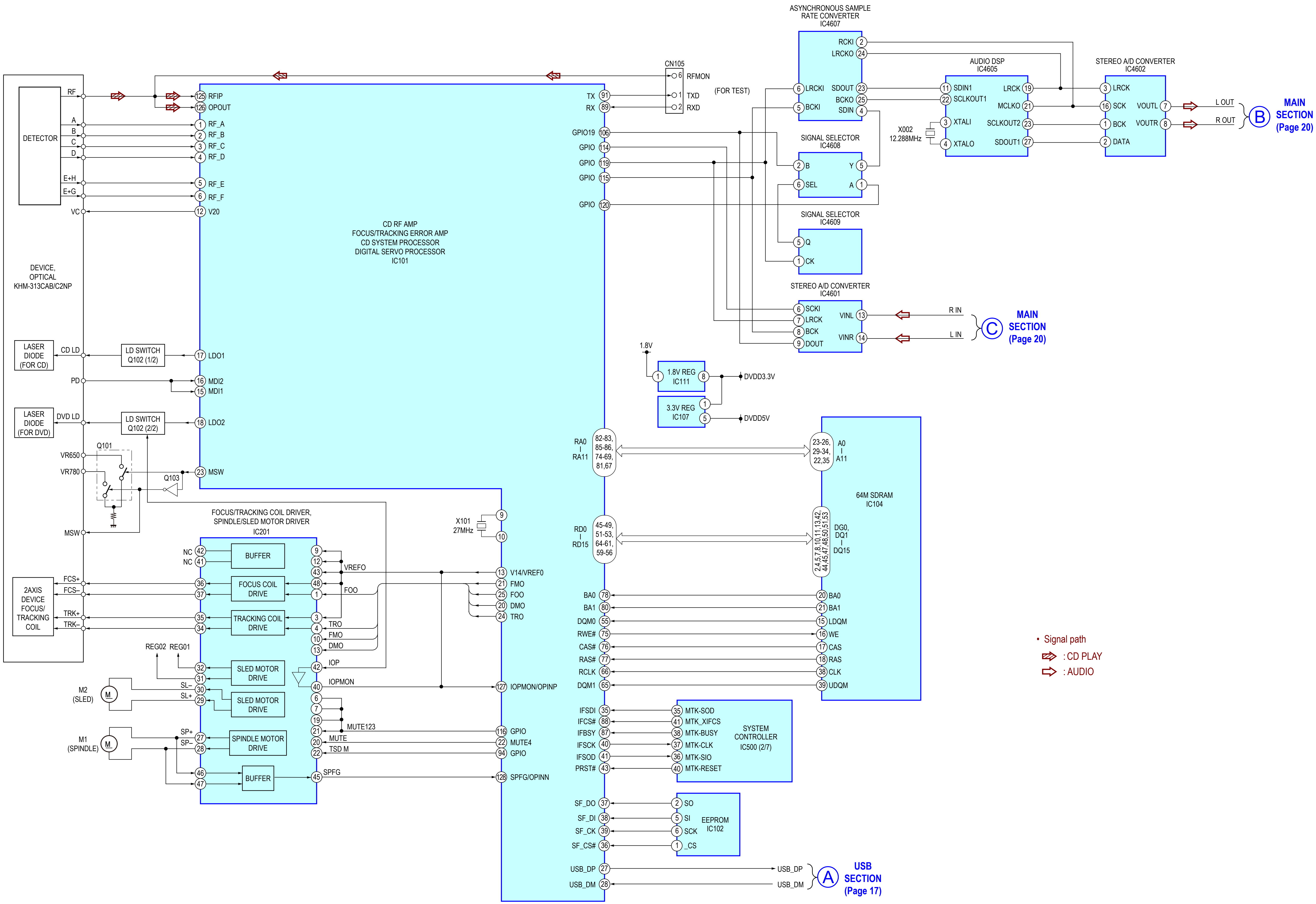




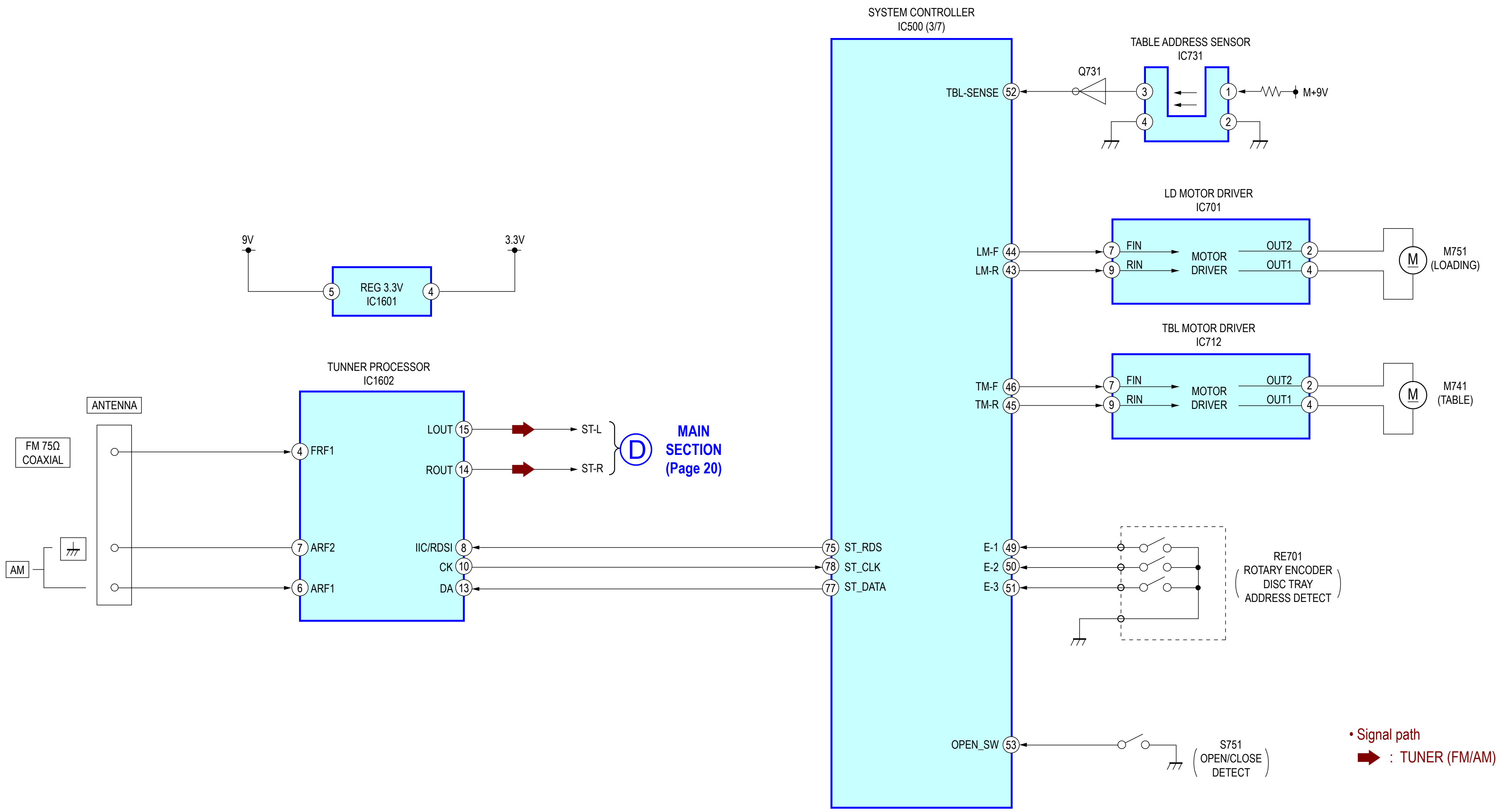
5-1. BLOCK DIAGRAM – USB Section –



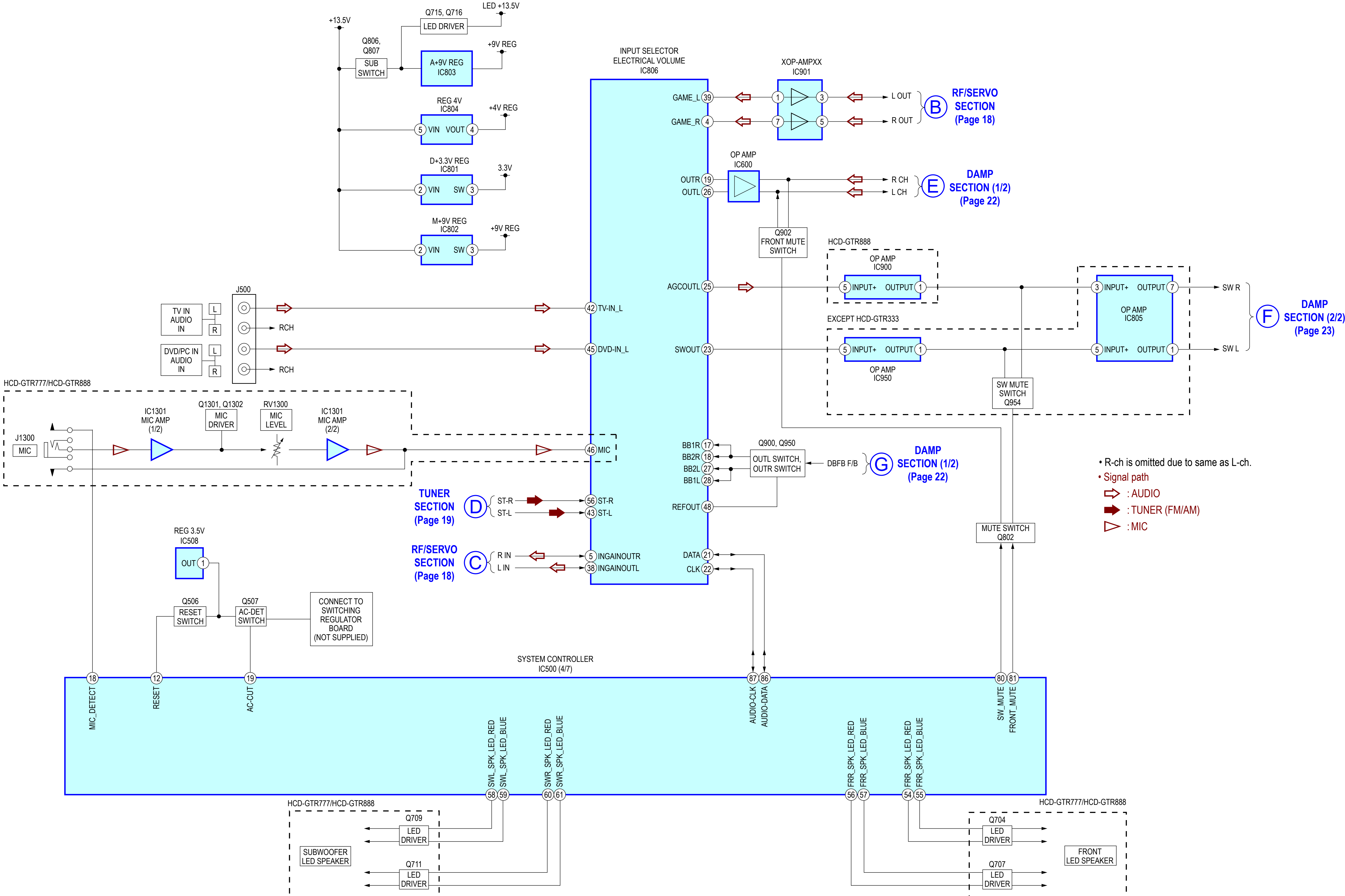
5-2. BLOCK DIAGRAM – RF/SERVO Section –



5-3. BLOCK DIAGRAM – TUNER Section –

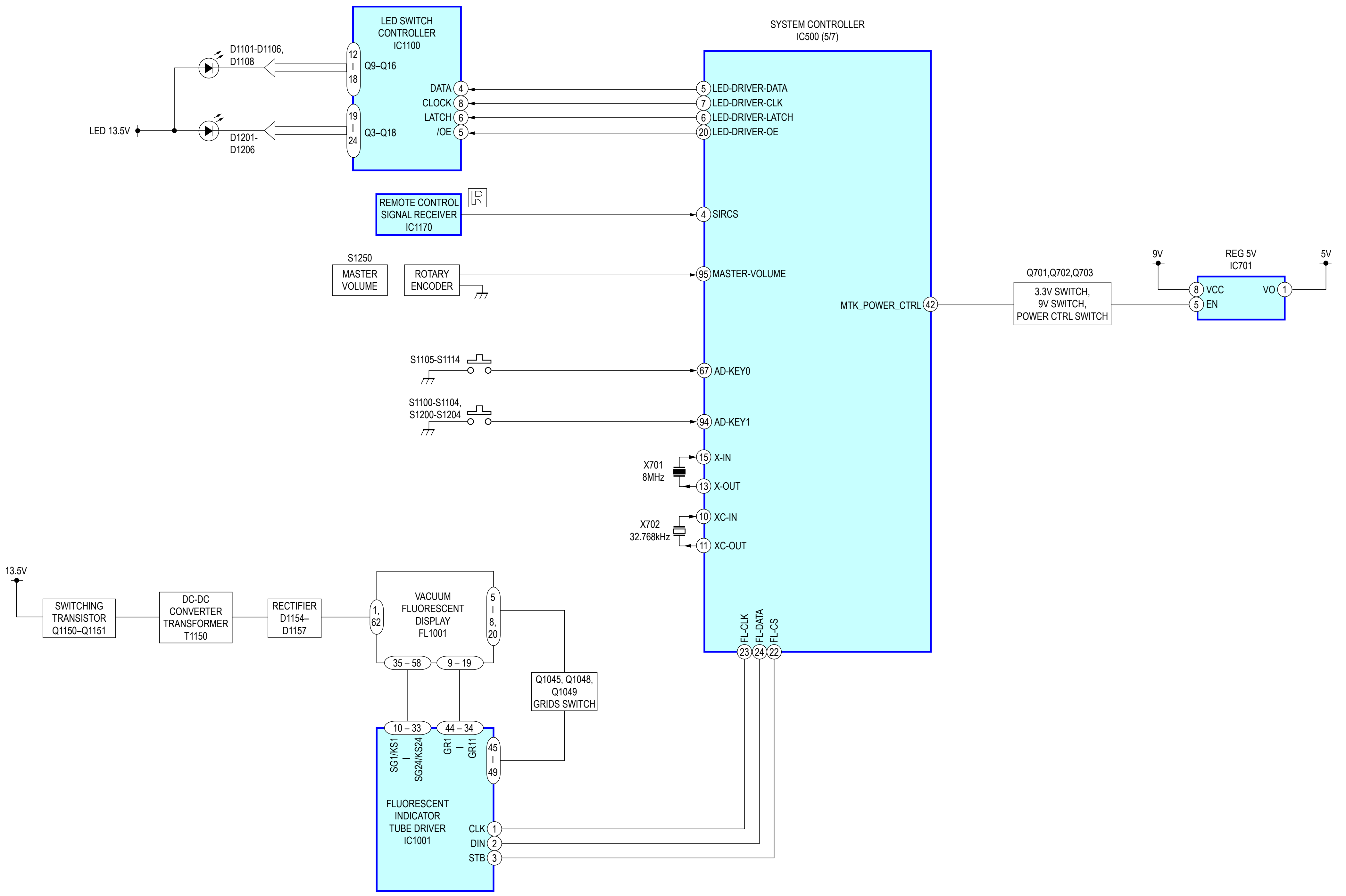


5-4. BLOCK DIAGRAM – MAIN Section –

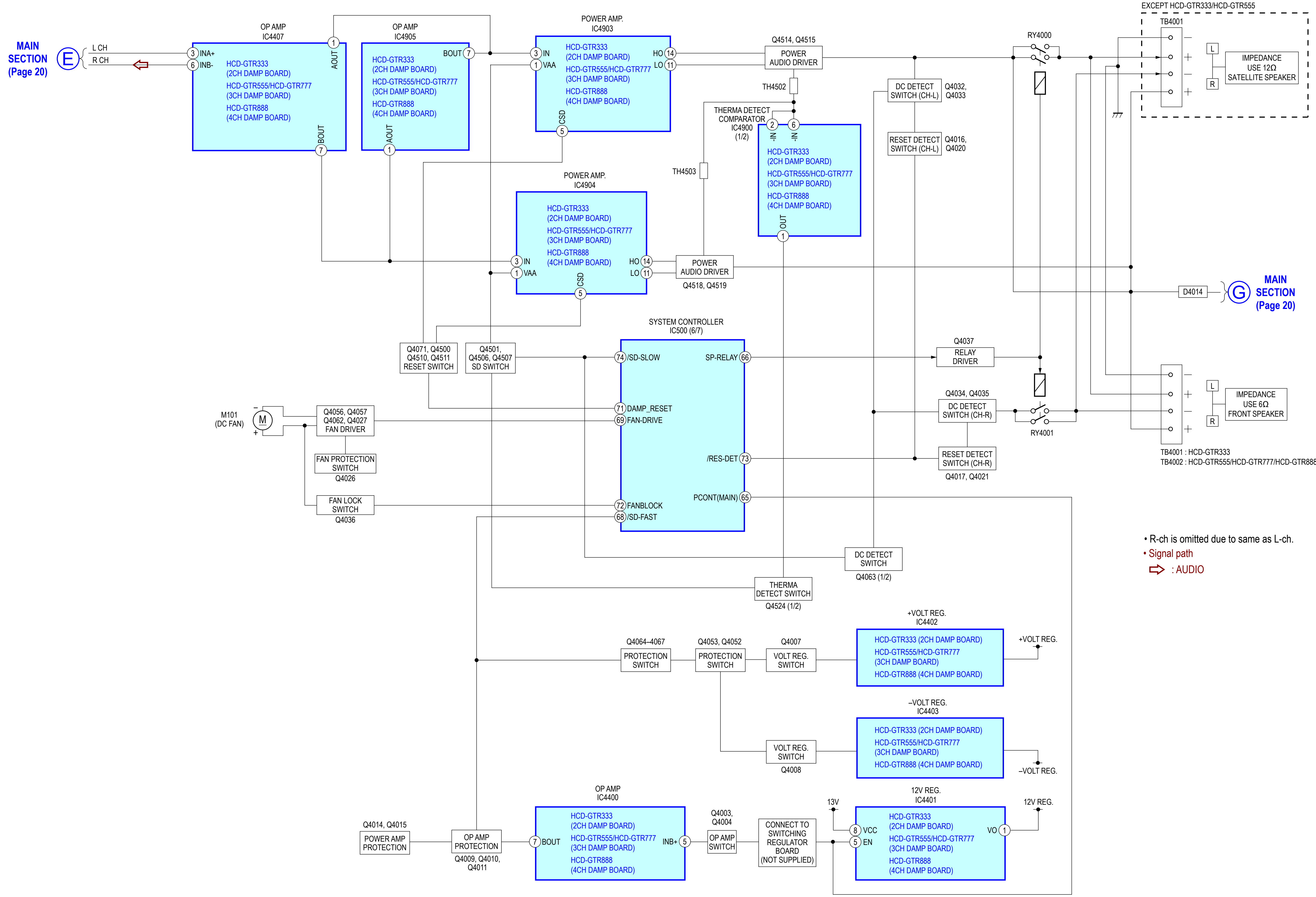


• R-ch is omitted due to same as L-ch.
• Signal path
: AUDIO
: TUNER (FM/AM)
: MIC

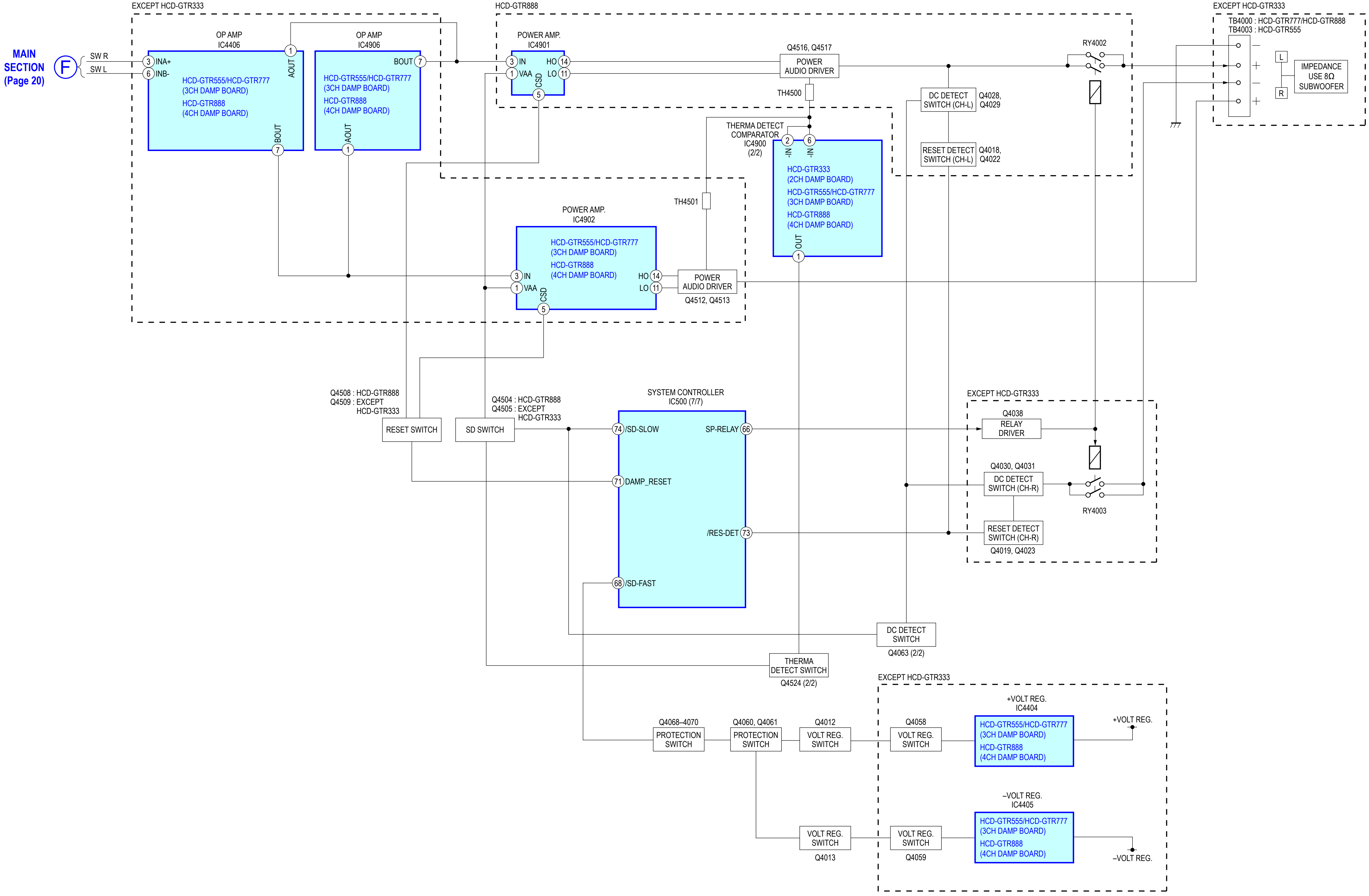
5-5. BLOCK DIAGRAM – DISPLAY Section –



5-6. BLOCK DIAGRAM – DAMP Section (1/2) –



5-7. BLOCK DIAGRAM – DAMP Section (2/2) –



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

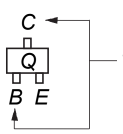
For Printed Wiring Boards.

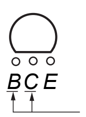
Note:
- : Parts extracted from the component side.
- : Parts extracted from the conductor side.
- △ : Internal component.
- : Pattern from the side which enables seeing.
  (The other layers' patterns are not indicated.)

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

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

- DMB19 board is multi-layer printed board.
  However, the patterns of intermediate layers have not been included in diagrams.
- Indication of transistor.





- Abbreviation
  AR : Argentina model
  E2 : 120V AC area in E model
  E51 : Chilean and Peruvian models
  MX : Mexican model

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 1/4 W or less unless otherwise specified.
- △ : Internal component.
- : Nonflammable resistor.
- : Fusible resistor.
- : Panel designation.

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

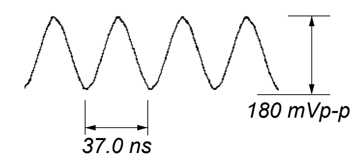
- : B+ Line.
- : B– Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  - TC Board -
  no mark : TAPE PLAY
  ( ) : TAPE REC
  - Other Boards -
  no mark : TUNER (FM/AM)
  ( ) : CD PLAY
  << >> : TAPE PLAY
  [ ] : TAPE REC
  < > : USB
  { } : PC
  ∗ : Impossible to measure
- Voltages are taken with VOM (Input impedance 10 MΩ).
  Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  : AUDIO
  : TUNER (FM/AM)
  : REC
  : MIC
  : CD PLAY
  : DIGITAL
  : USB

- Abbreviation
  AR : Argentina model
  E2 : 120V AC area in E model
  E51 : Chilean and Peruvian models
  MX : Mexican model

- **Waveforms**

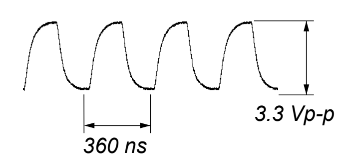
– DMB21 Board –

1 IC101 ⑩ (XTALO)



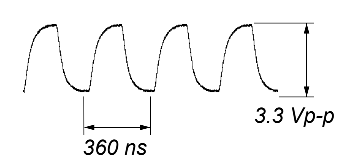
50 mV/DIV, 10 ns/DIV

2 IC101 ⑪④ (GPIO)



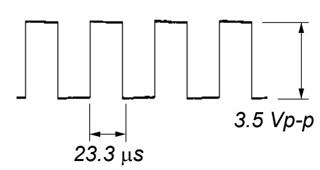
500 mV/DIV, 100 ns/DIV

3 IC101 ⑪⑤ (GPIO)



500 mV/DIV, 100 ns/DIV

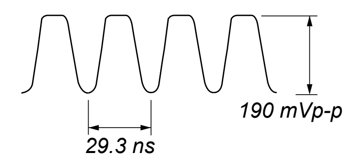
4 IC101 ⑪⑨ (GPIO)



500 mV/DIV, 5 μs/DIV

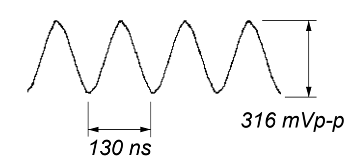
– MAIN Board –

5 IC500 ⑪ (XC-OUT)



50 mV/DIV, 10 μs/DIV

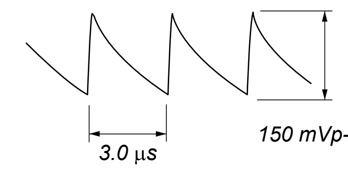
6 IC500 ⑬ (X-OUT)



100 mV/DIV, 50 ns/DIV

– DISPLAY Board –

7 IC1001 ⑦ (OSC)

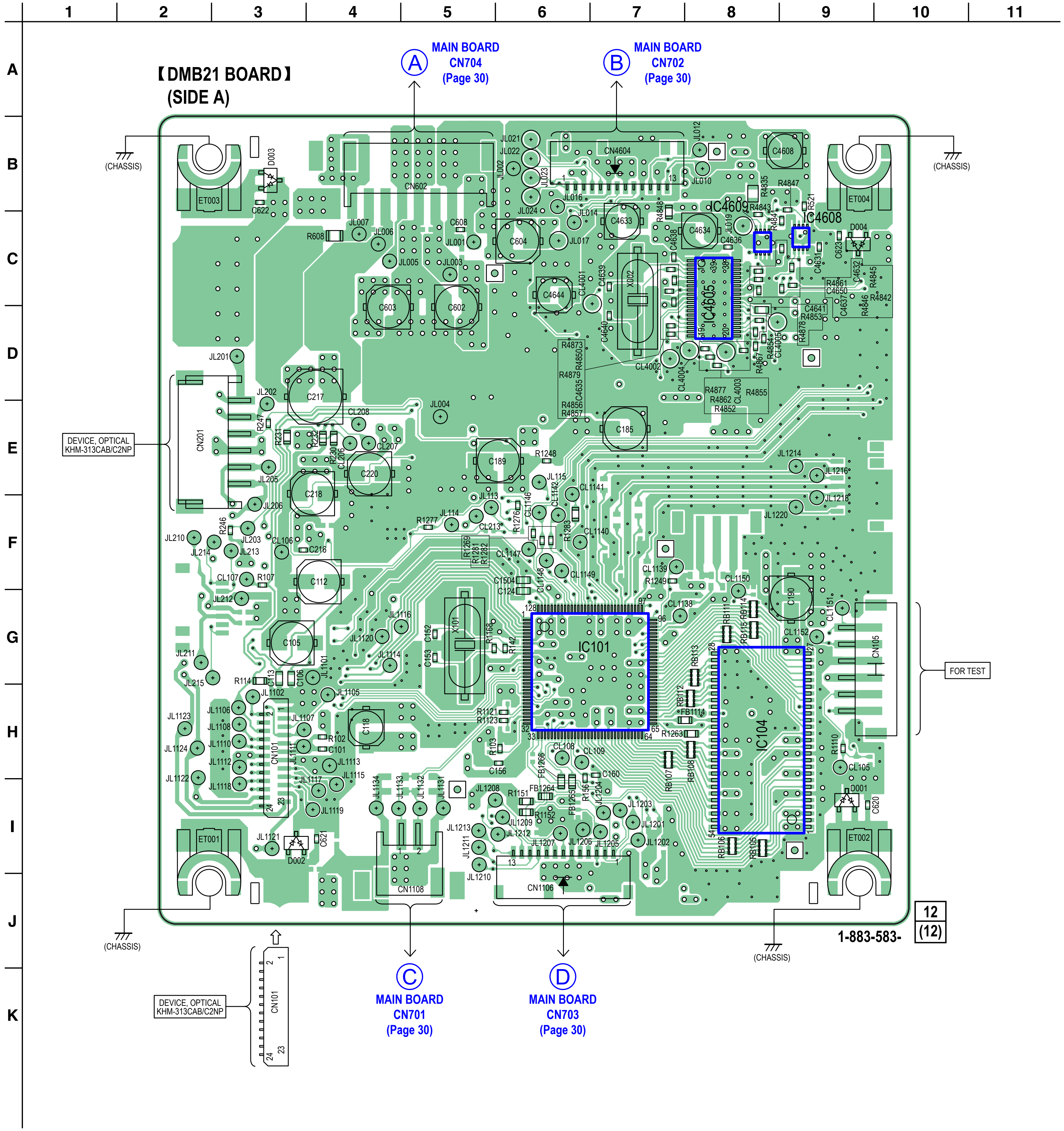


50 mV/DIV, 1 μs/DIV

5-8. PRINTED WIRING BOARD – DMB21 Board (Side A) –

• See page 17 for Circuit Boards Location.

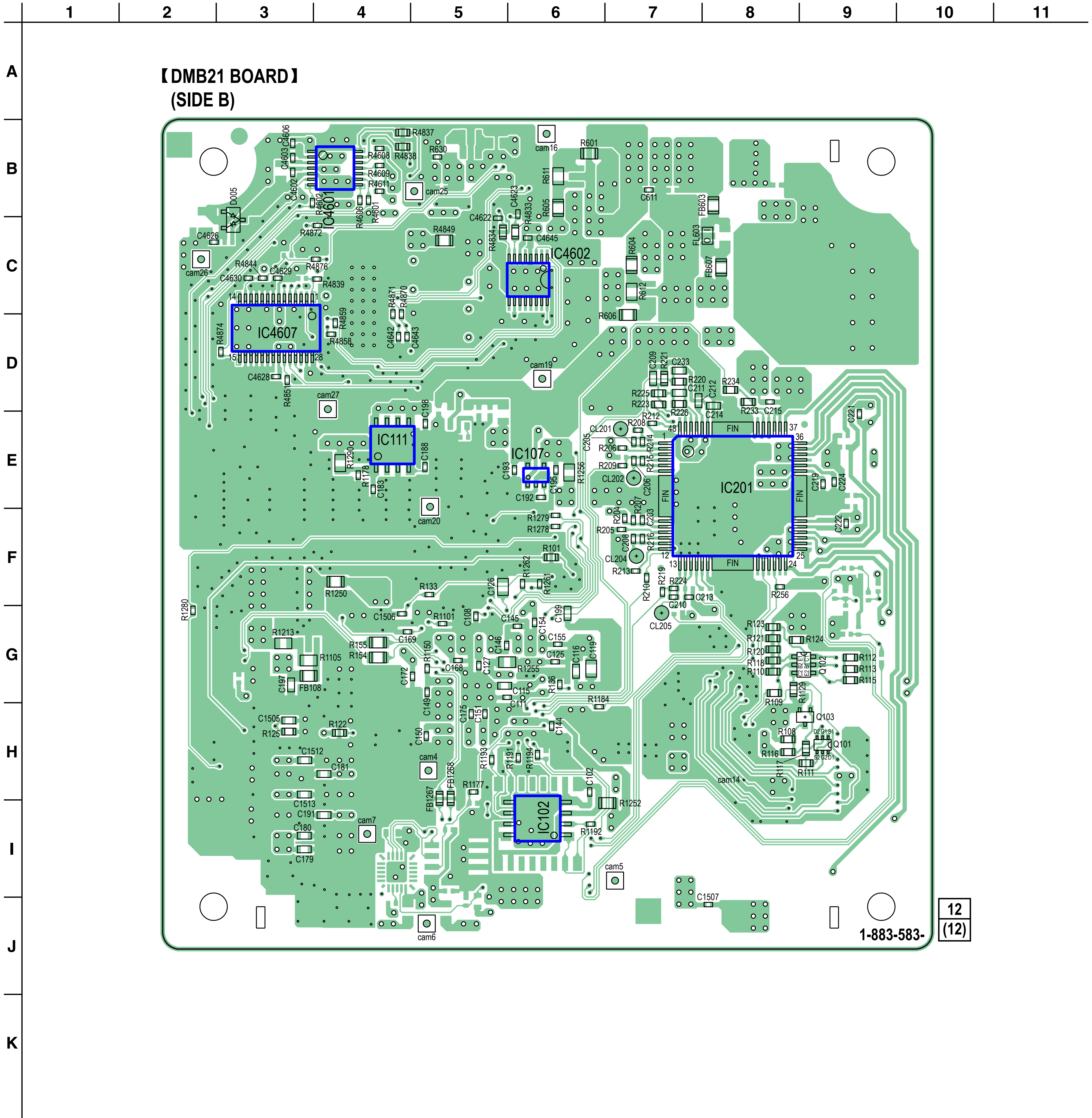
• LF : Uses unleaded solder.



Note: IC4605 on the DMB21 board cannot exchange with single. When this part on the DMB21 board is damaged, exchange the entire mounted board.

5-9. PRINTED WIRING BOARD – DMB21 Board (Side B) –

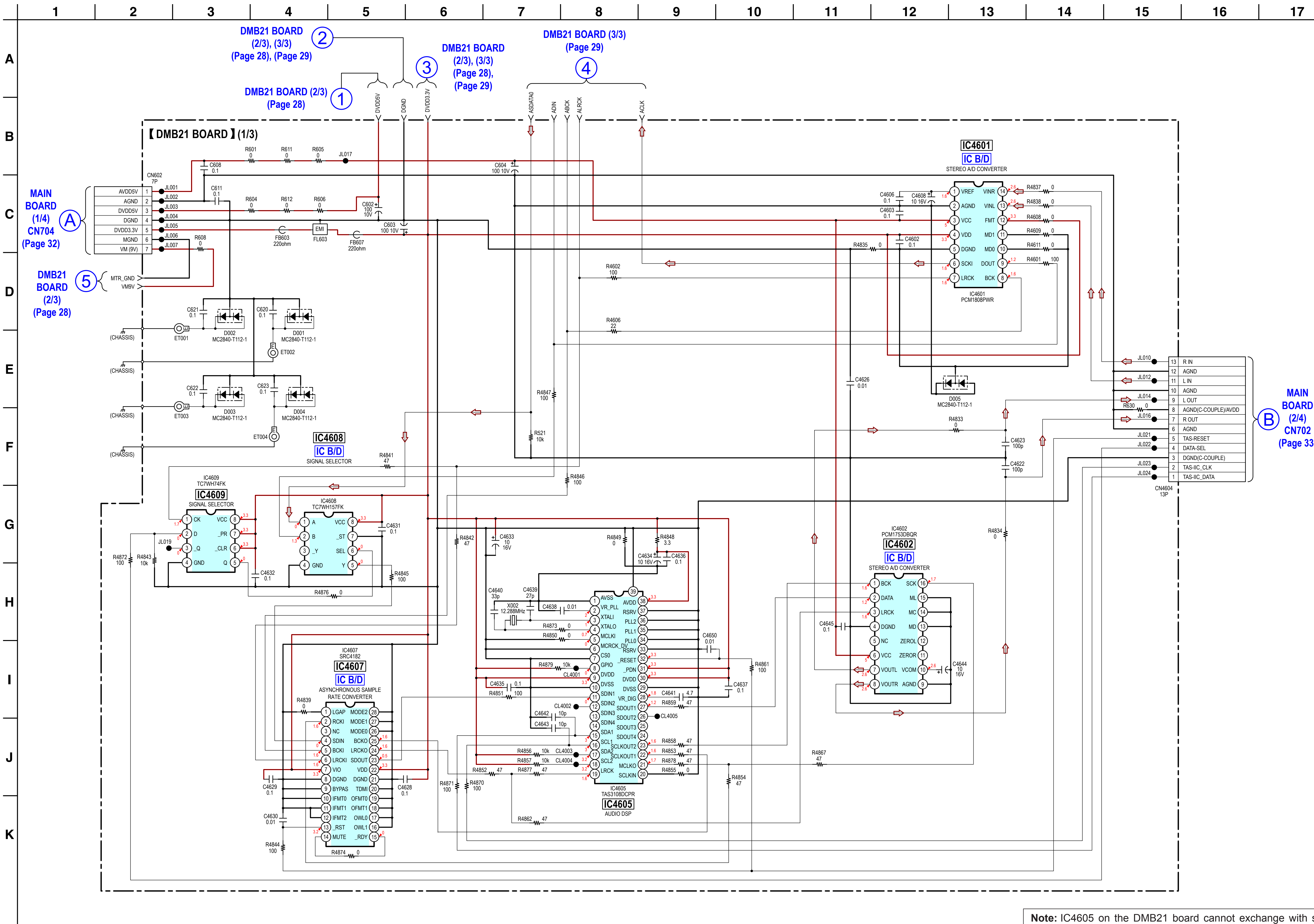
• See page 17 for Circuit Boards Location. • : Uses unleaded solder.



Note: IC102 on the DMB21 board cannot exchange with single. When this part on the DMB21 board is damaged, exchange the entire mounted board.

5-10. SCHEMATIC DIAGRAM – DMB21 Board (1/3) –

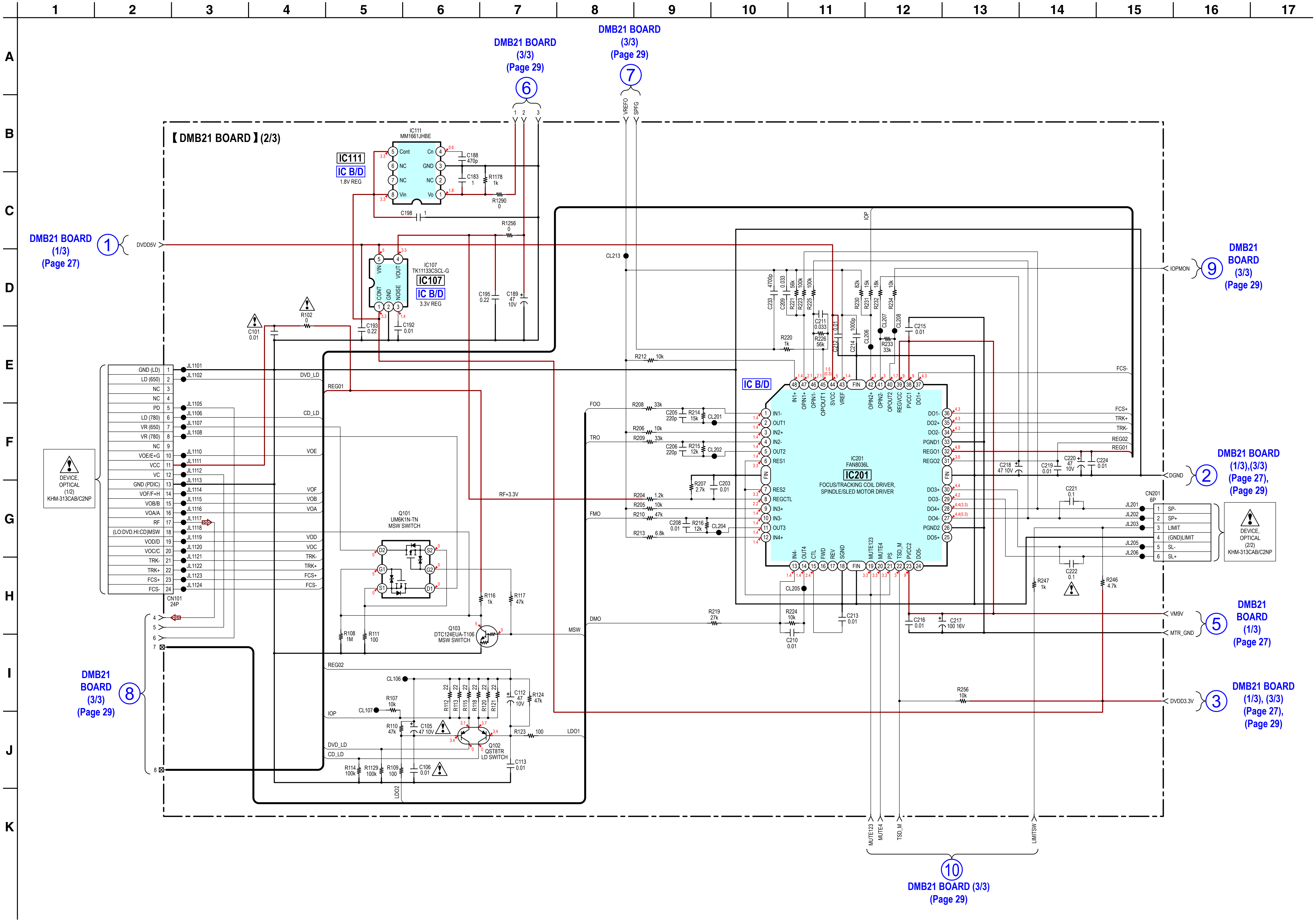
• See page 64 - 65 for IC Block Diagrams.



Note: IC4605 on the DMB21 board cannot exchange with single. When this part on the DMB21 board is damaged, exchange the entire mounted board.

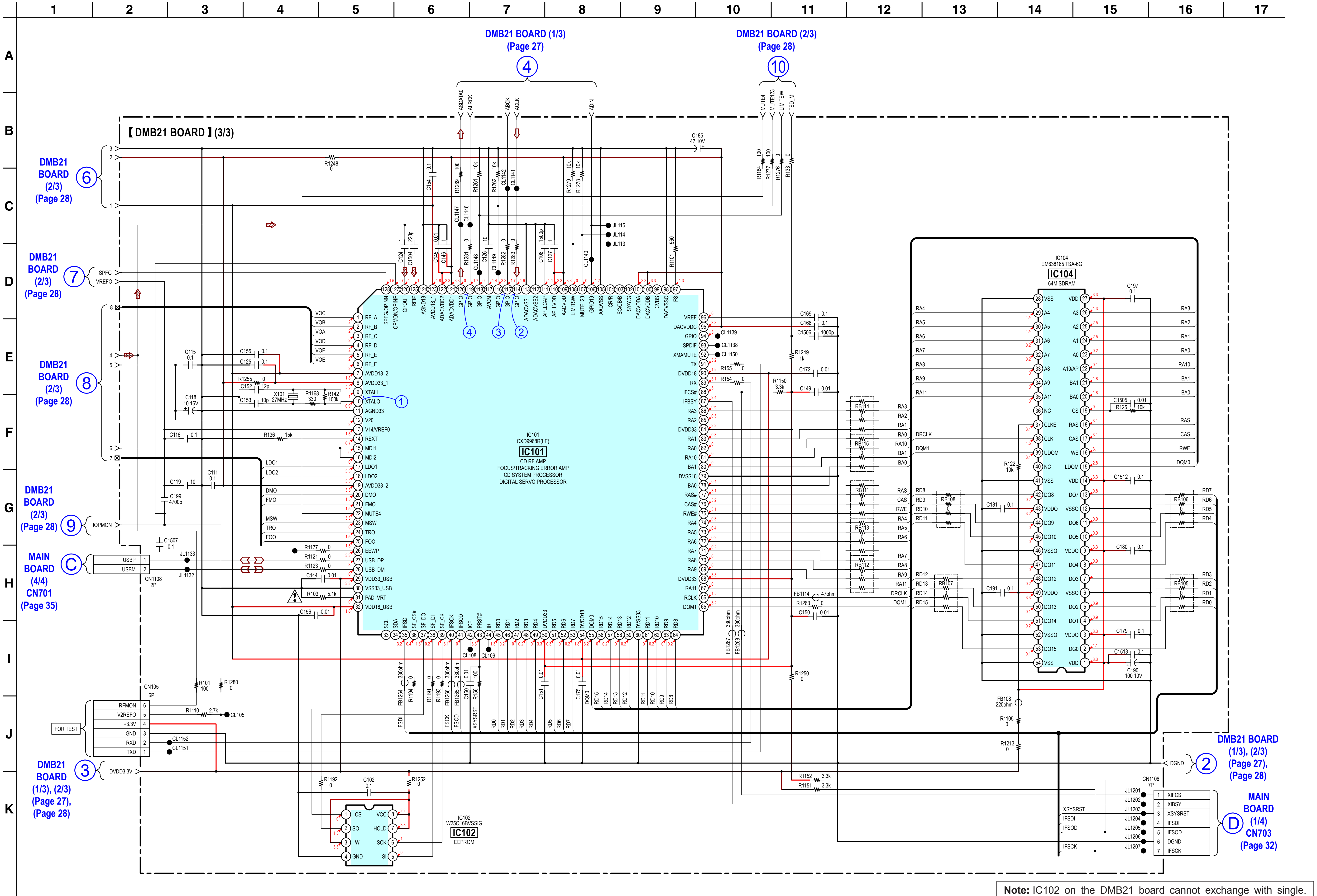
5-11. SCHEMATIC DIAGRAM – DMB21 Board (2/3) –

• See page 62 - 63 for IC Block Diagrams.



5-12. SCHEMATIC DIAGRAM – DMB21 Board (3/3) –

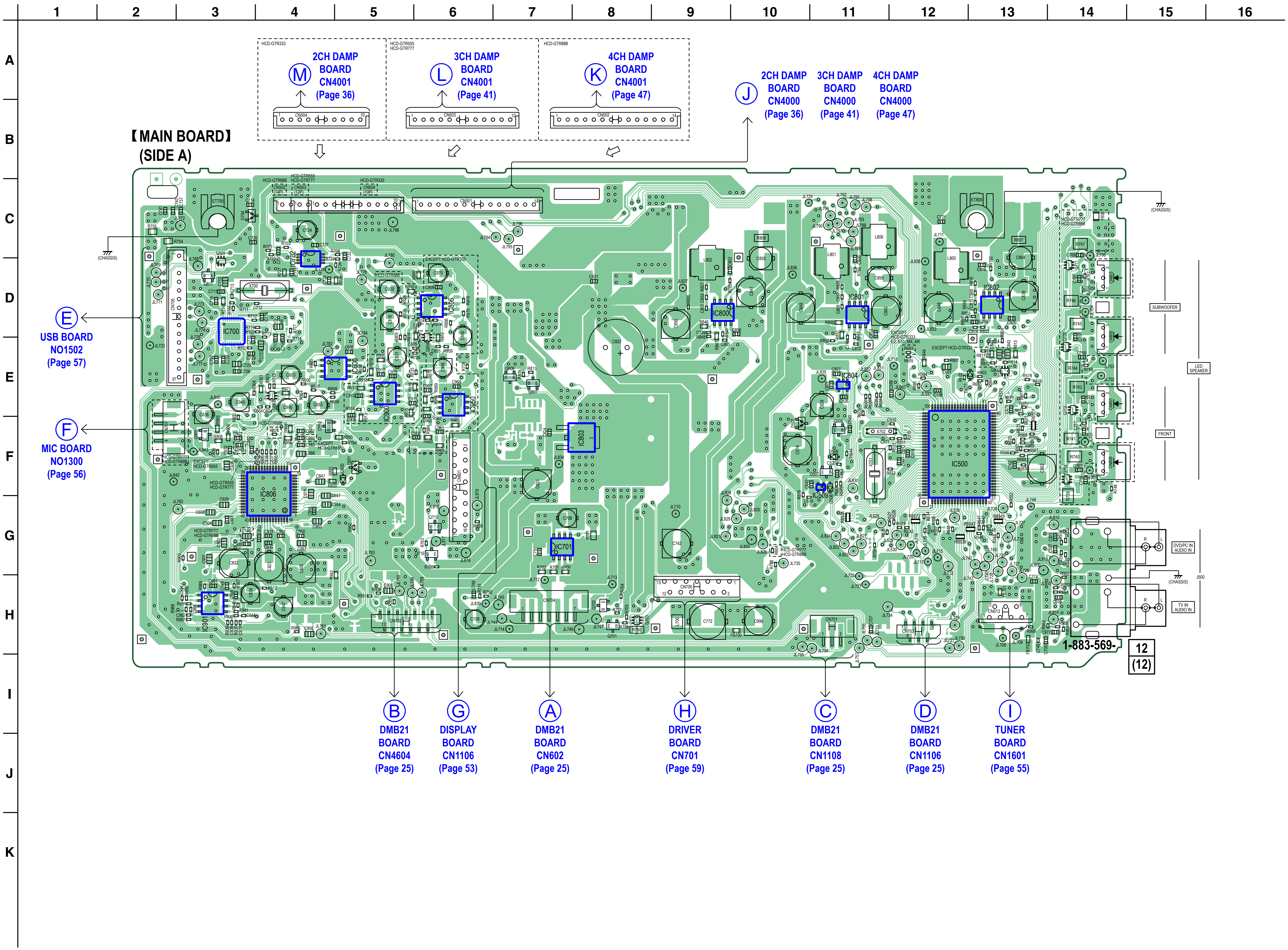
• See page 24 for Waveforms. • See page 68 - 69 for IC Pin Function Descriptions.



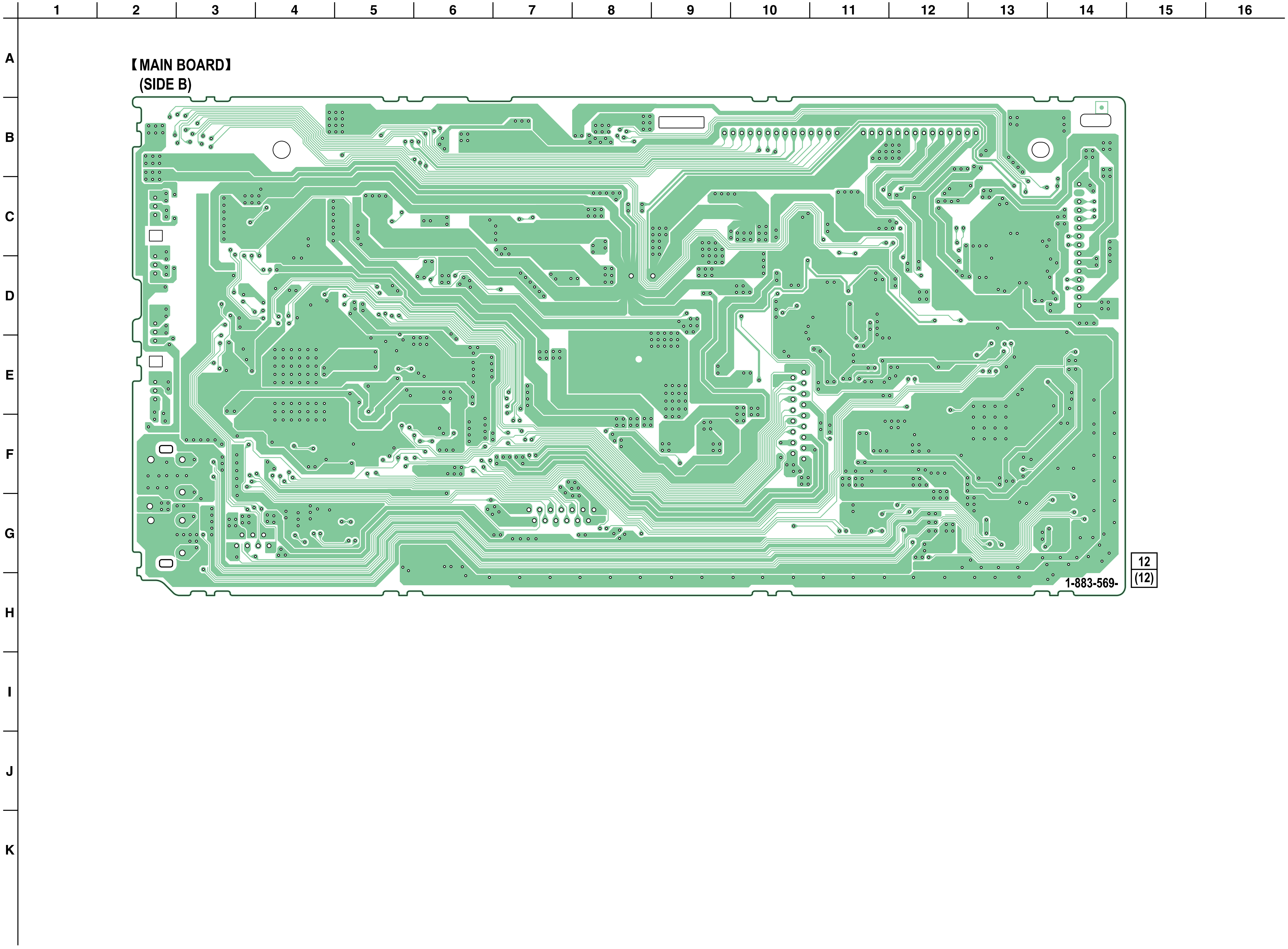
Note: IC102 on the DMB21 board cannot exchange with single. When this part on the DMB21 board is damaged, exchange the entire mounted board.

5-13. PRINTED WIRING BOARD – MAIN Board (Side A) –

• See page 17 for Circuit Boards Location. • : Uses unleaded solder.

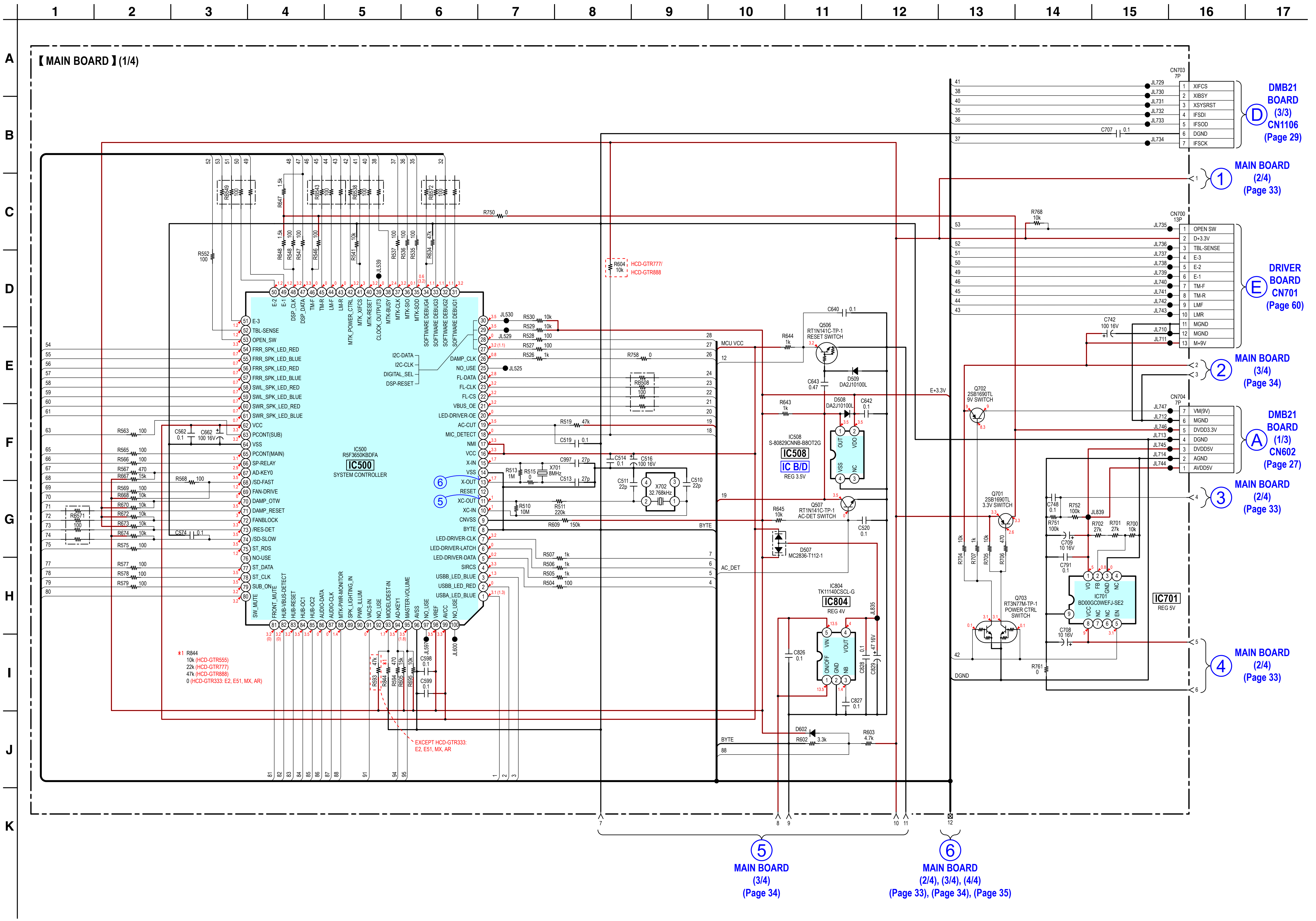


5-14. PRINTED WIRING BOARD – MAIN Board (Side B) – • See page 17 for Circuit Boards Location. • : Uses unleaded solder.

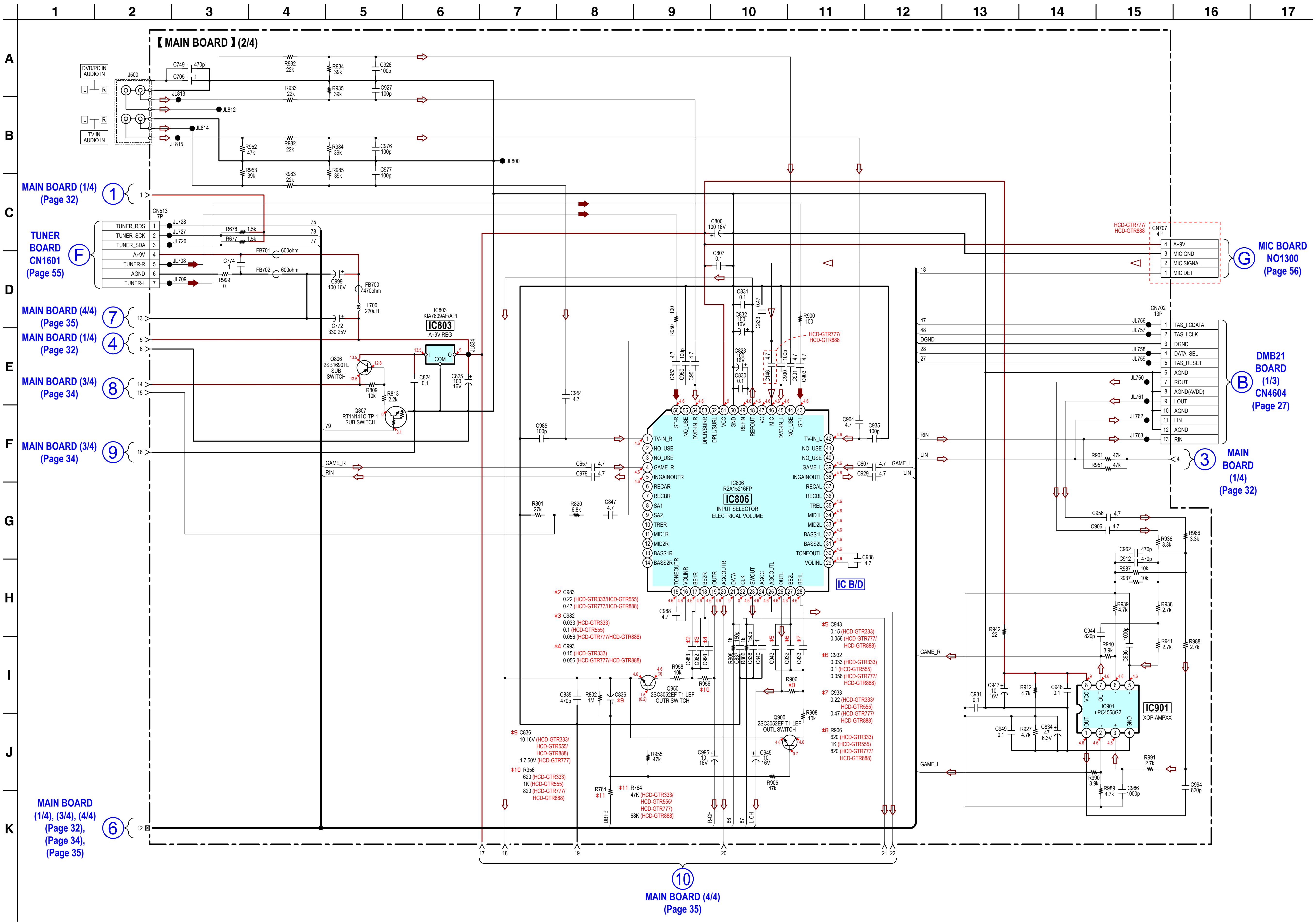


5-15. SCHEMATIC DIAGRAM – MAIN Board (1/4) –

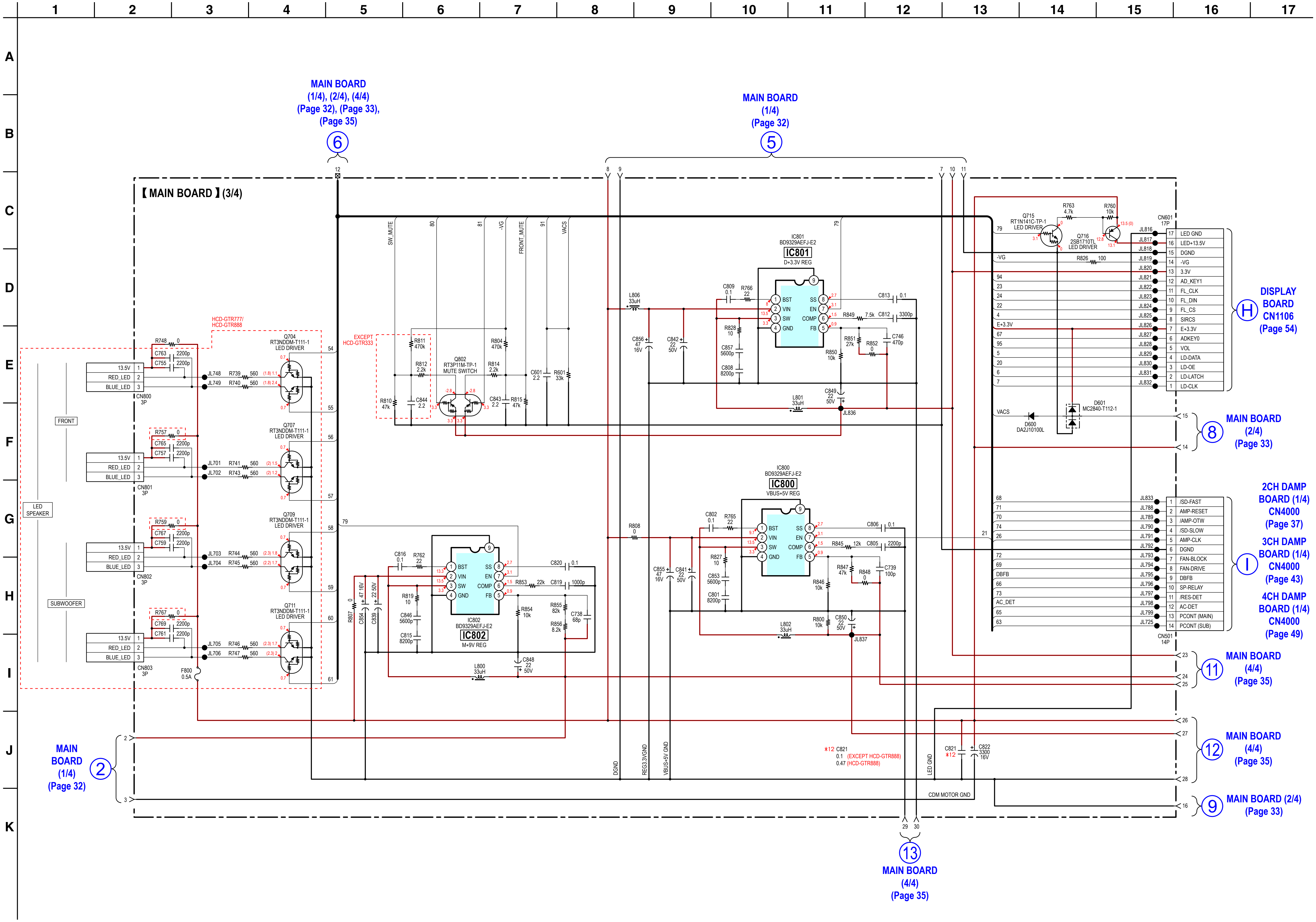
• See page 24 for Waveforms. • See page 66 for IC Block Diagrams. • See page 70 - 71 for IC Pin Function Descriptions.



5-16. SCHEMATIC DIAGRAM – MAIN Board (2/4) – • See page 66 for IC Block Diagrams.

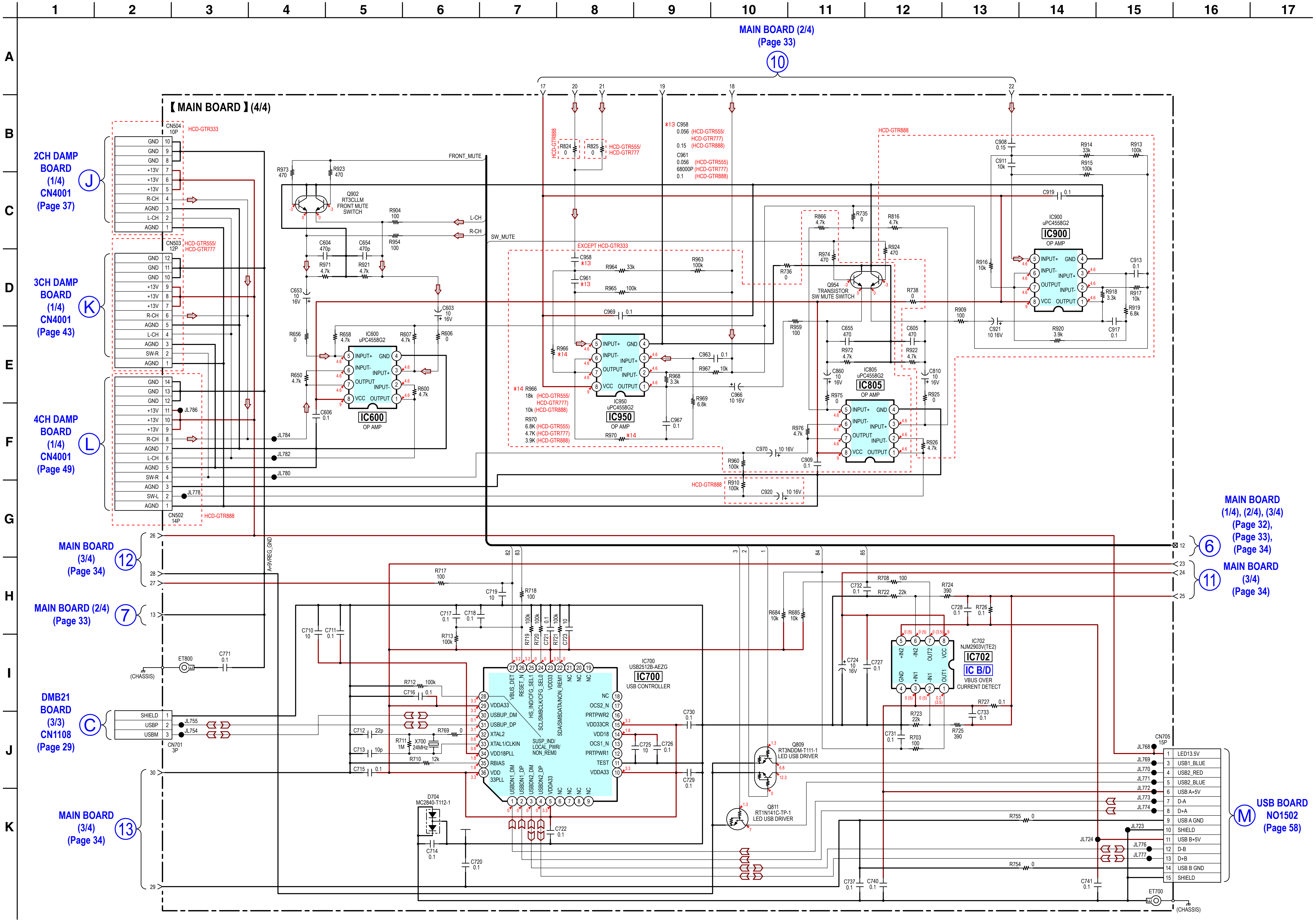


5-17. SCHEMATIC DIAGRAM – MAIN Board (3/4) –



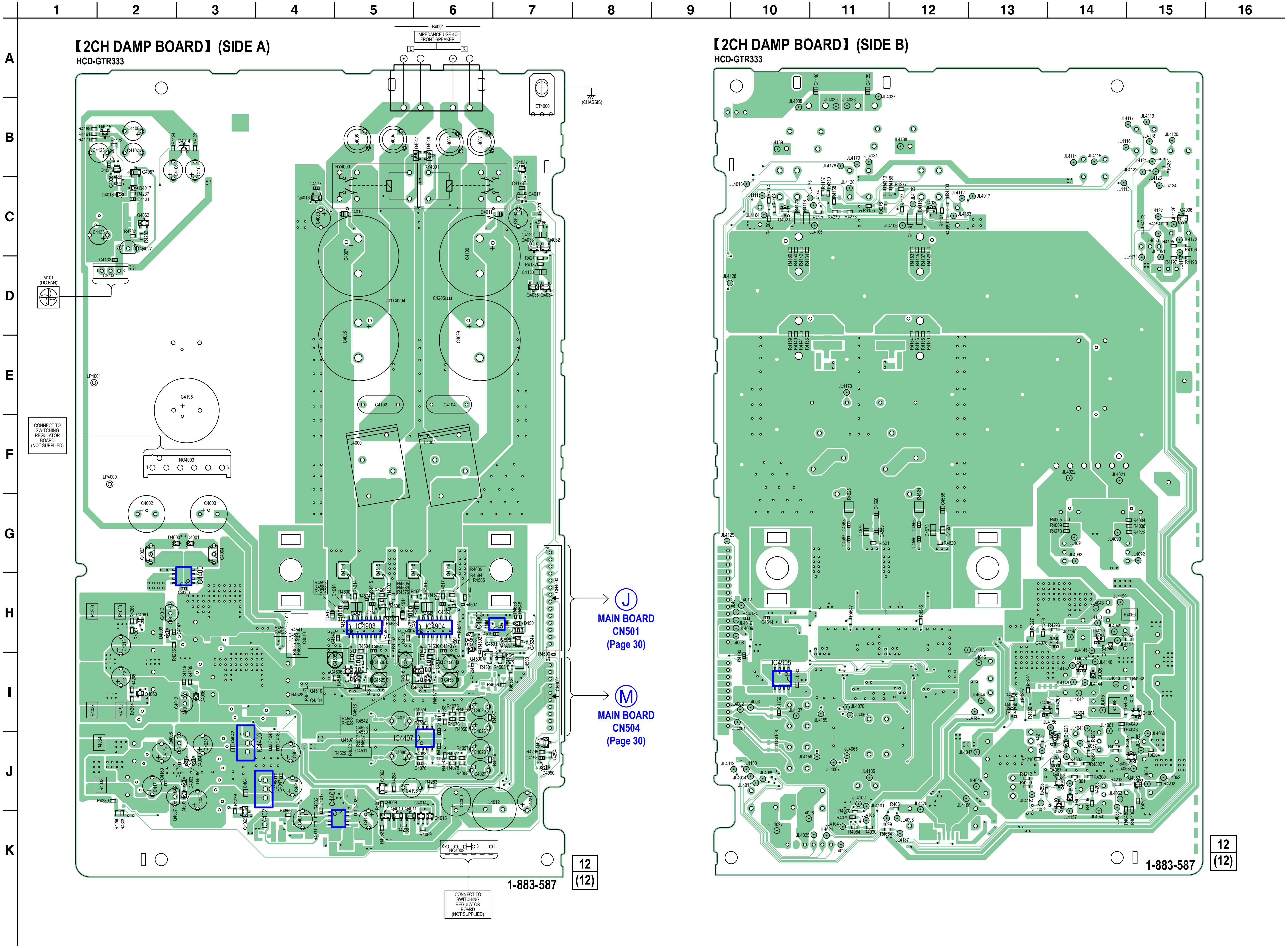
5-18. SCHEMATIC DIAGRAM – MAIN Board (4/4) –

• See page 61 for IC Block Diagrams.

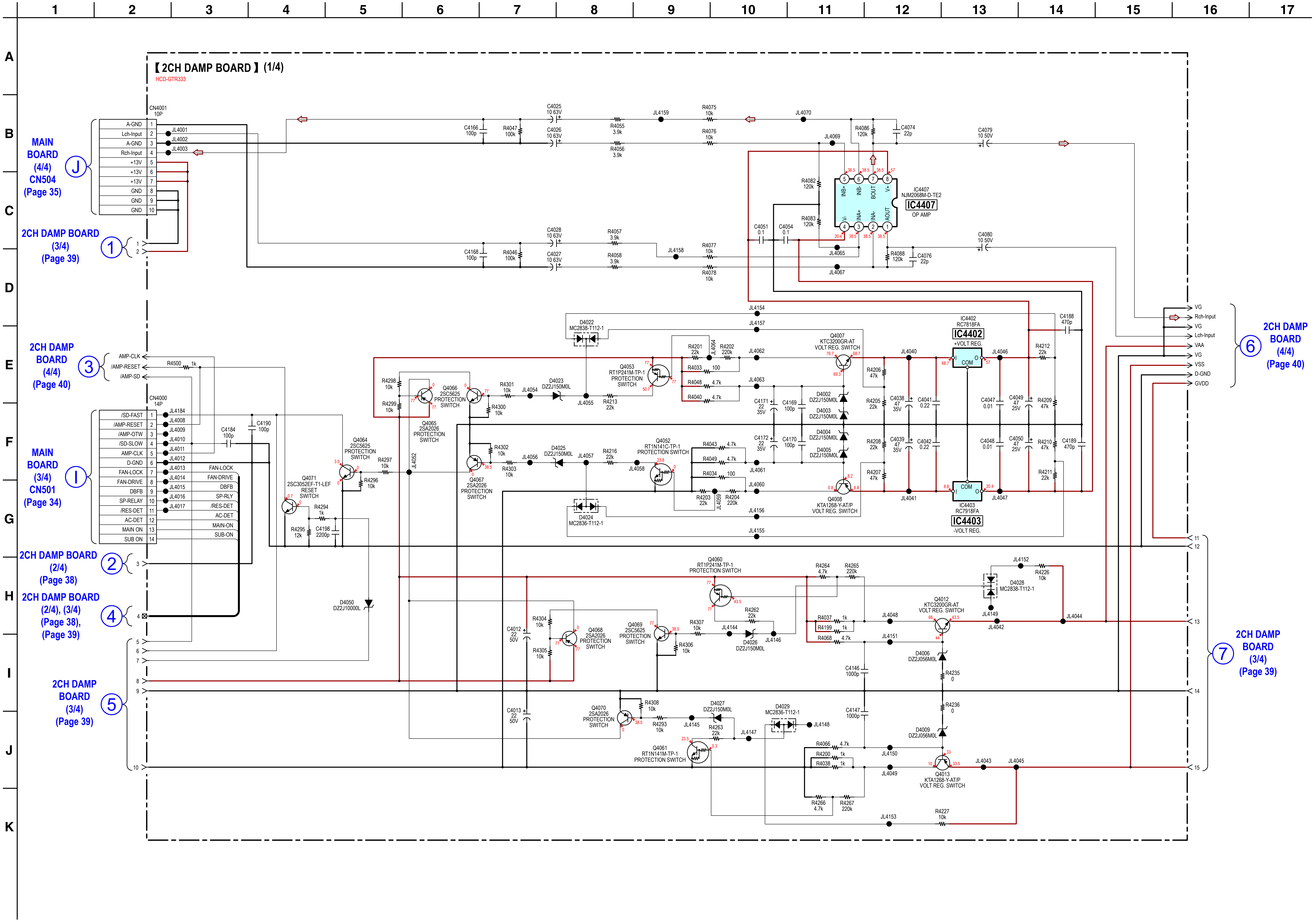


5-19. PRINTED WIRING BOARD – 2CH DAMP Board –

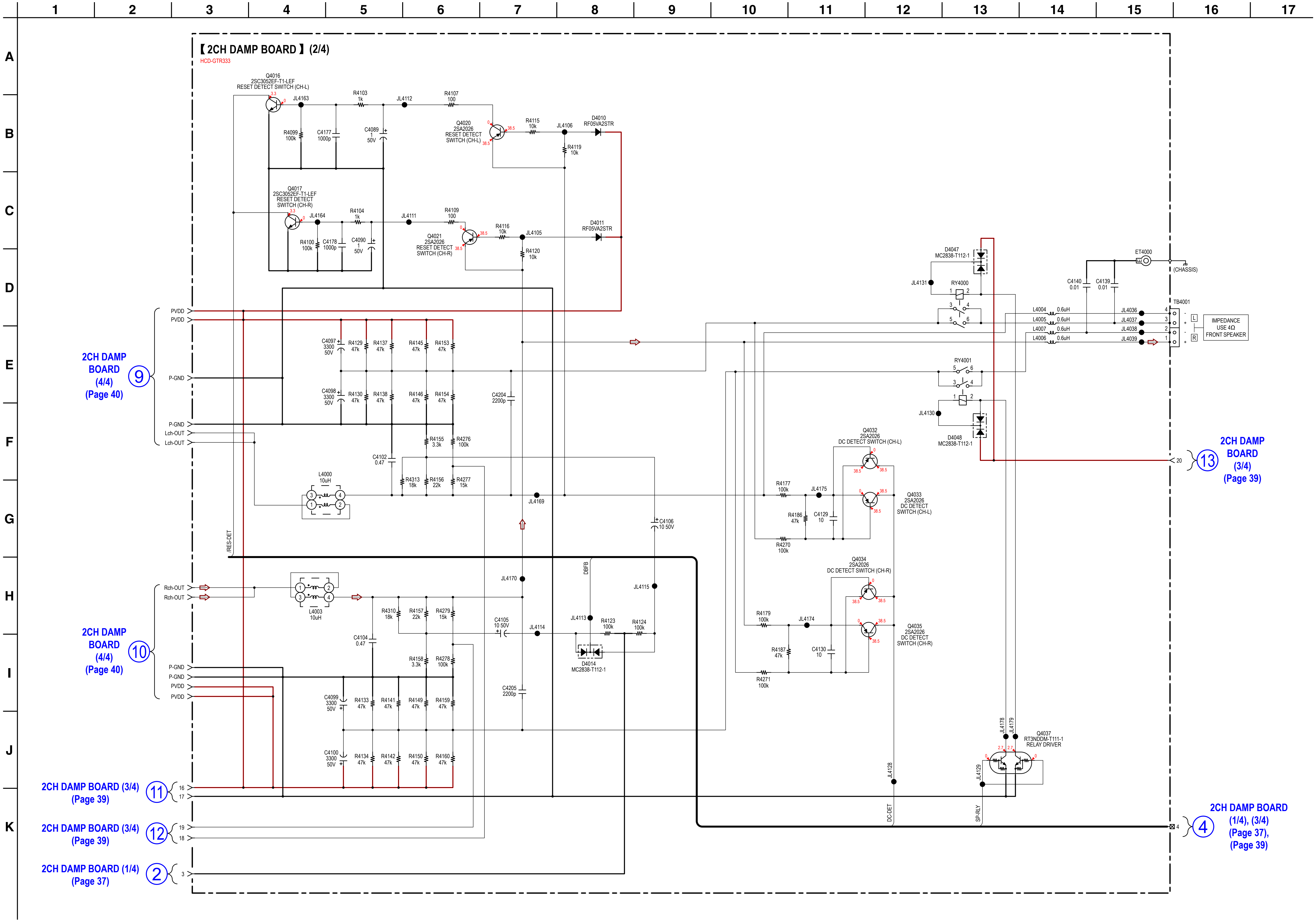
• See page 17 for Circuit Boards Location. • : Uses unleaded solder.



5-20. SCHEMATIC DIAGRAM – 2CH DAMP Board (1/4) –

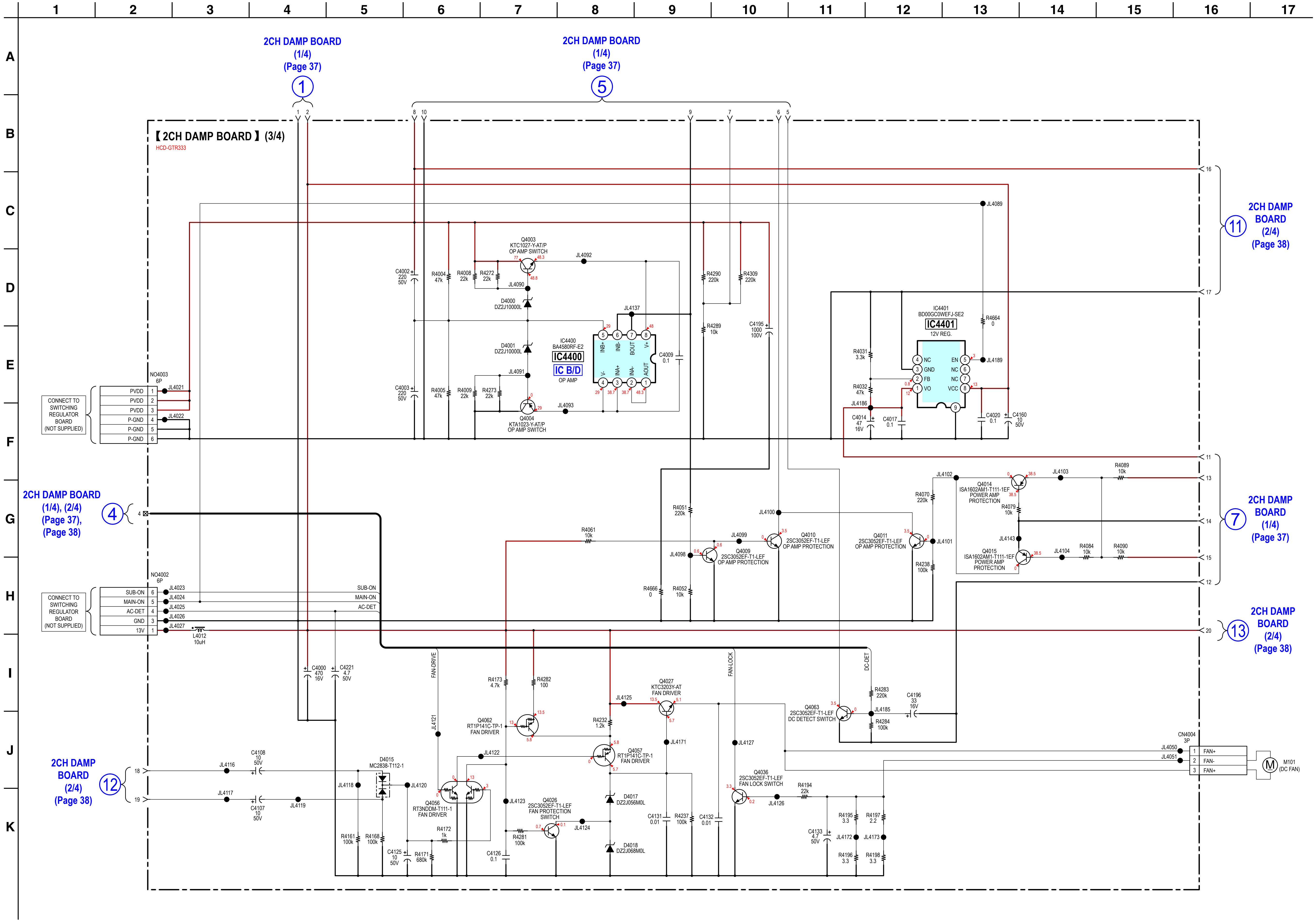


5-21. SCHEMATIC DIAGRAM – 2CH DAMP Board (2/4) –



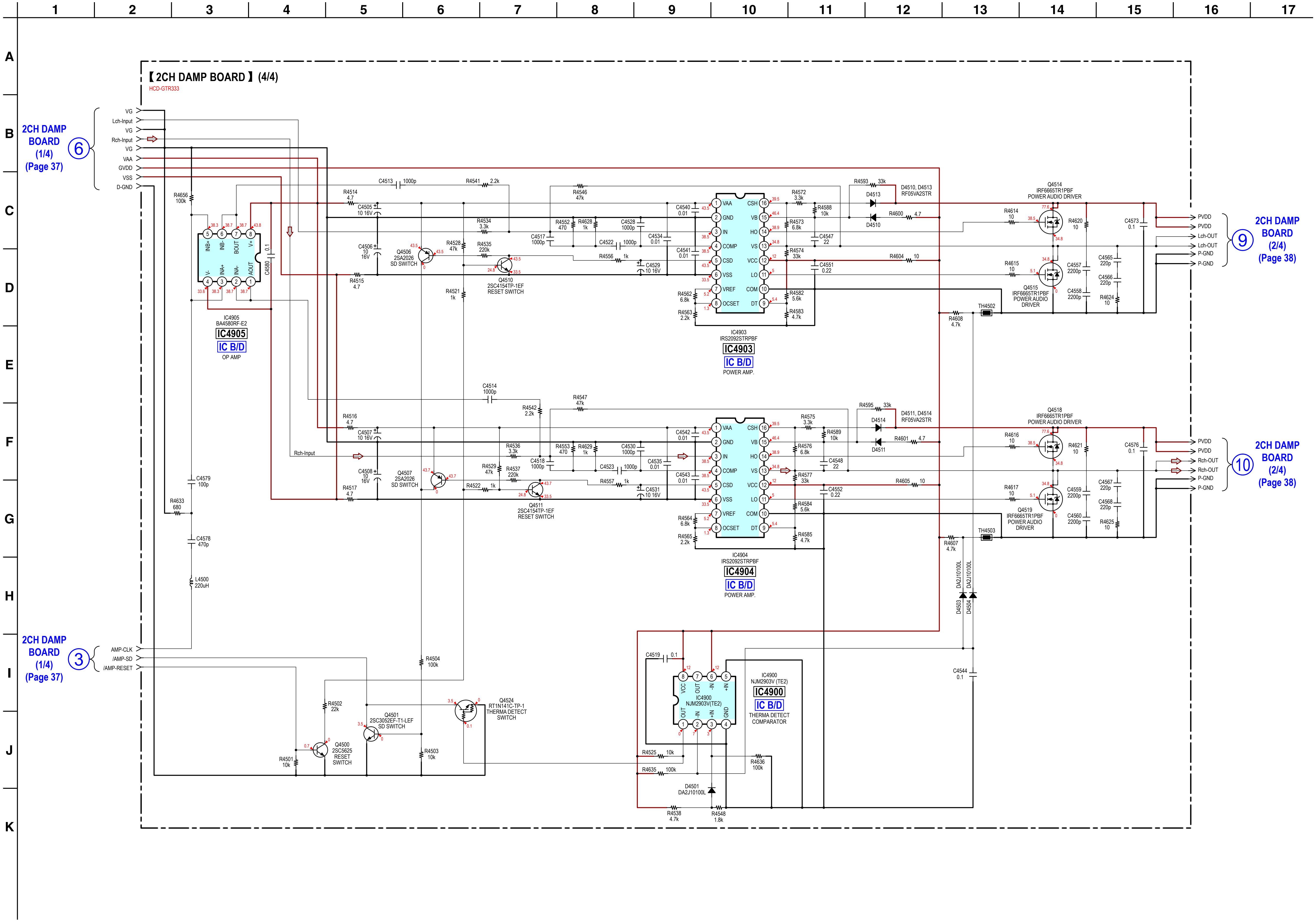
5-22. SCHEMATIC DIAGRAM – 2CH DAMP Board (3/4) –

• See page 61 for IC Block Diagrams.

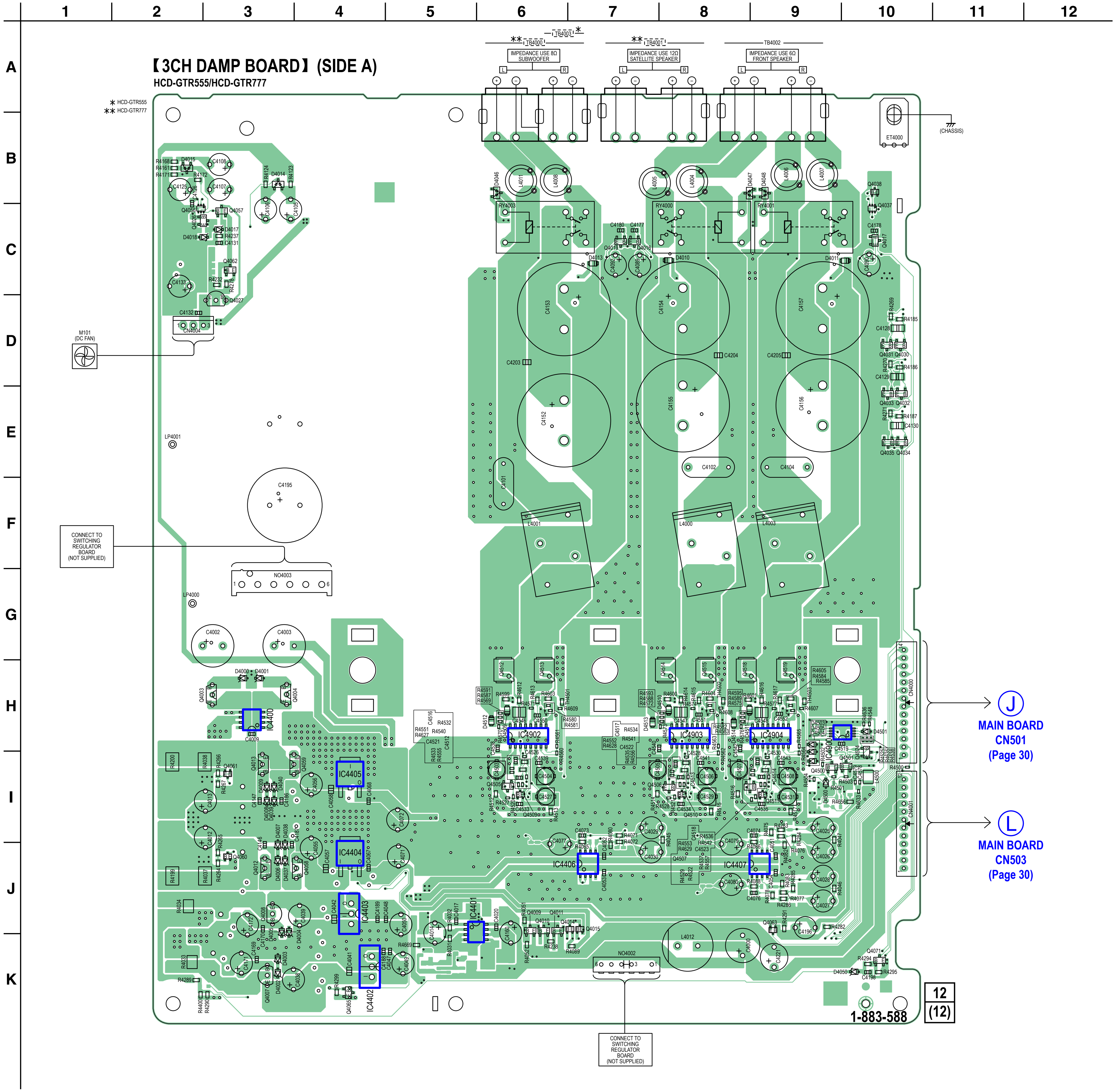


5-23. SCHEMATIC DIAGRAM – 2CH DAMP Board (4/4) –

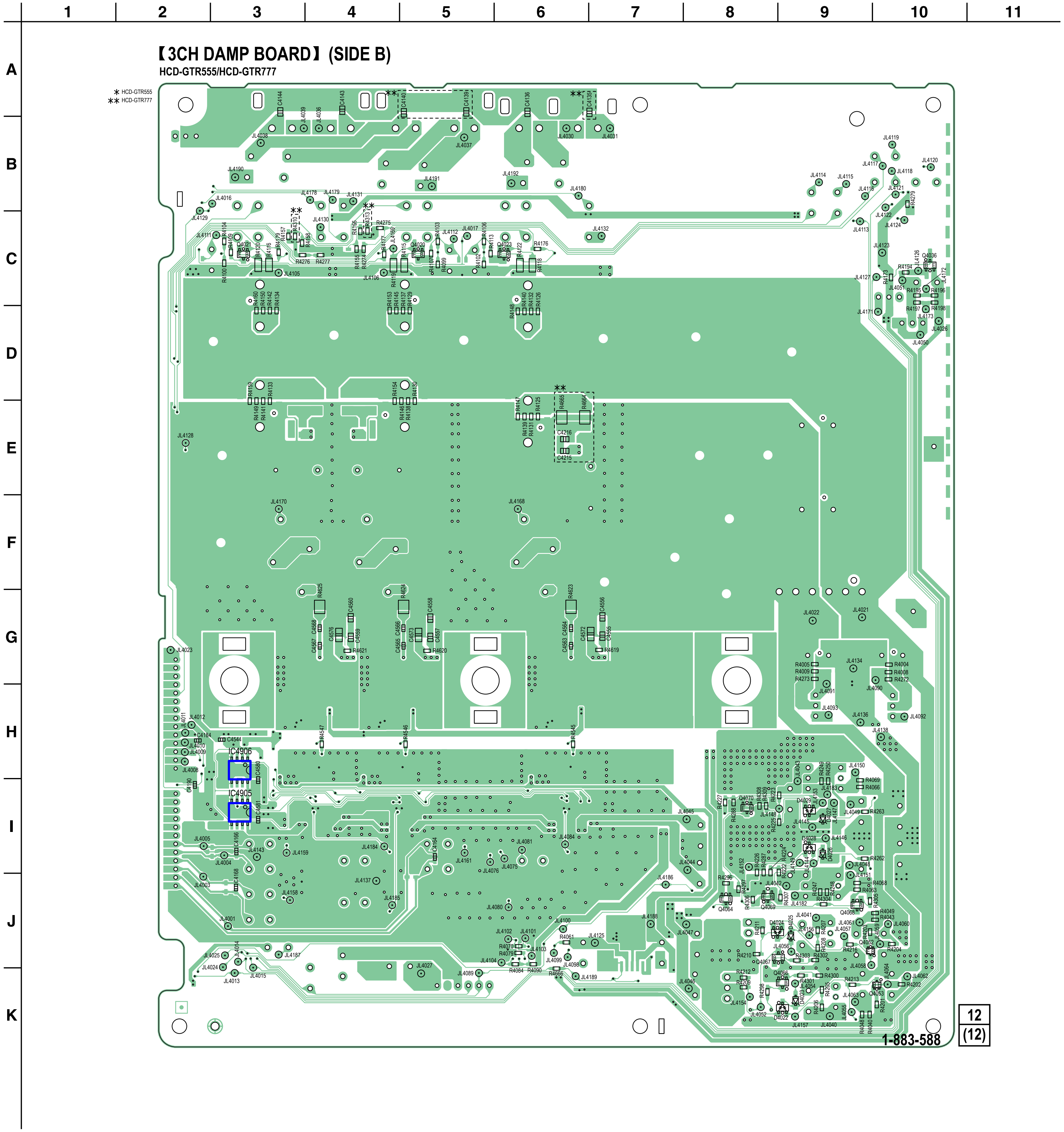
• See page 61 for IC Block Diagrams.



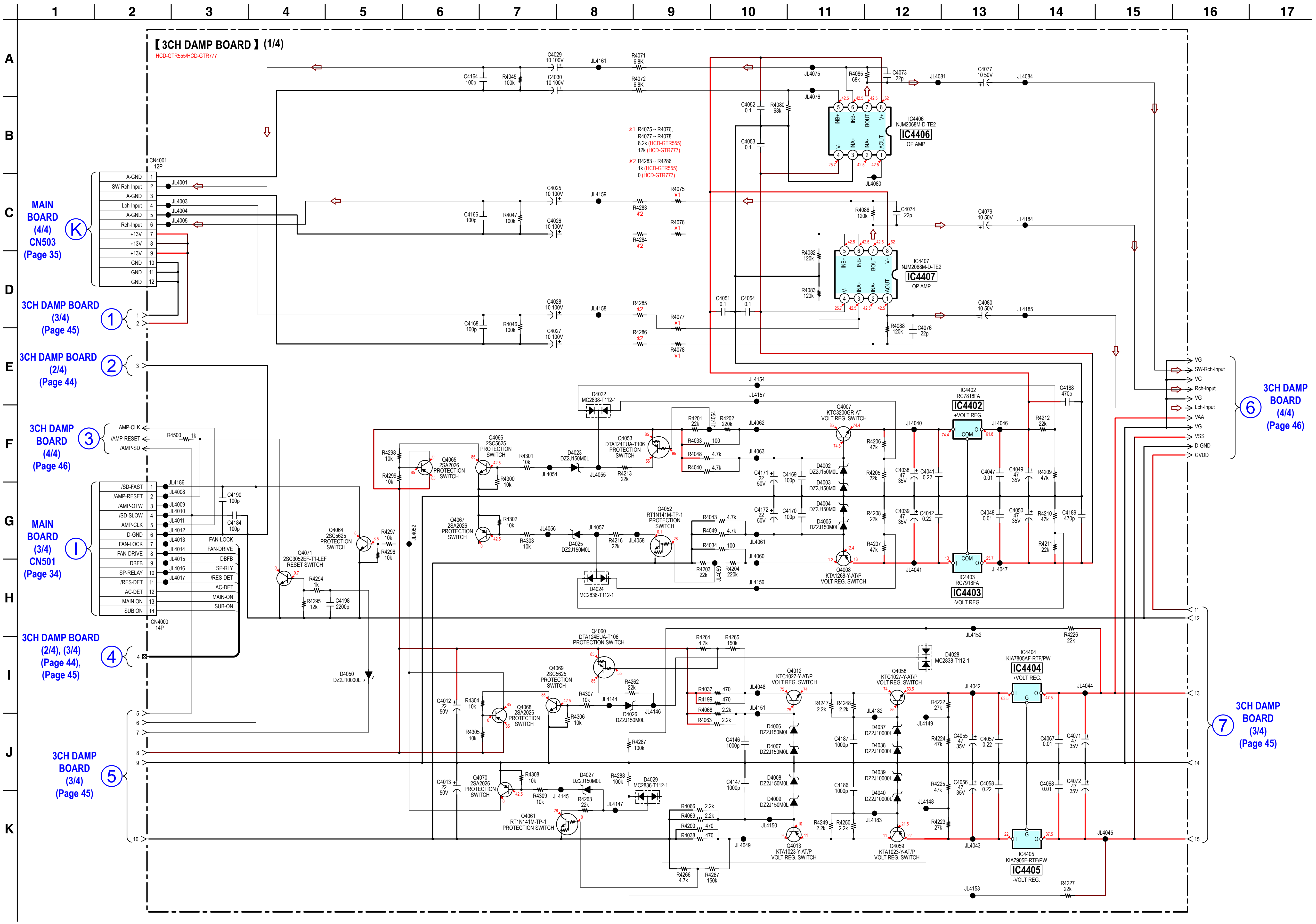
5-24. PRINTED WIRING BOARD – 3CH DAMP Board (Side A) – • See page 17 for Circuit Boards Location. • : Uses unleaded solder.



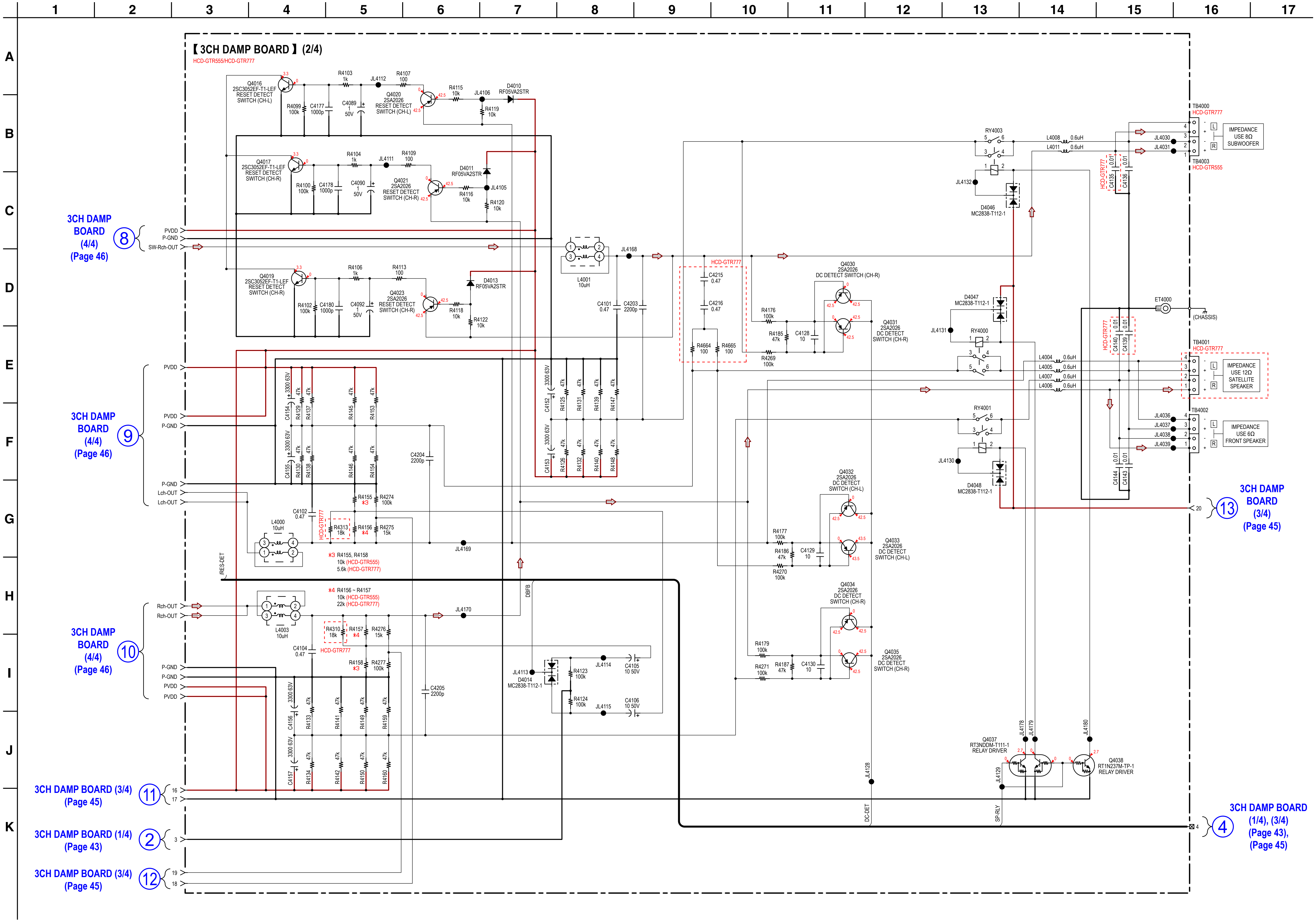
5-25. PRINTED WIRING BOARD – 3CH DAMP Board (Side B) – • See page 17 for Circuit Boards Location. • : Uses unleaded solder.



5-26. SCHEMATIC DIAGRAM – 3CH DAMP Board (1/4) –

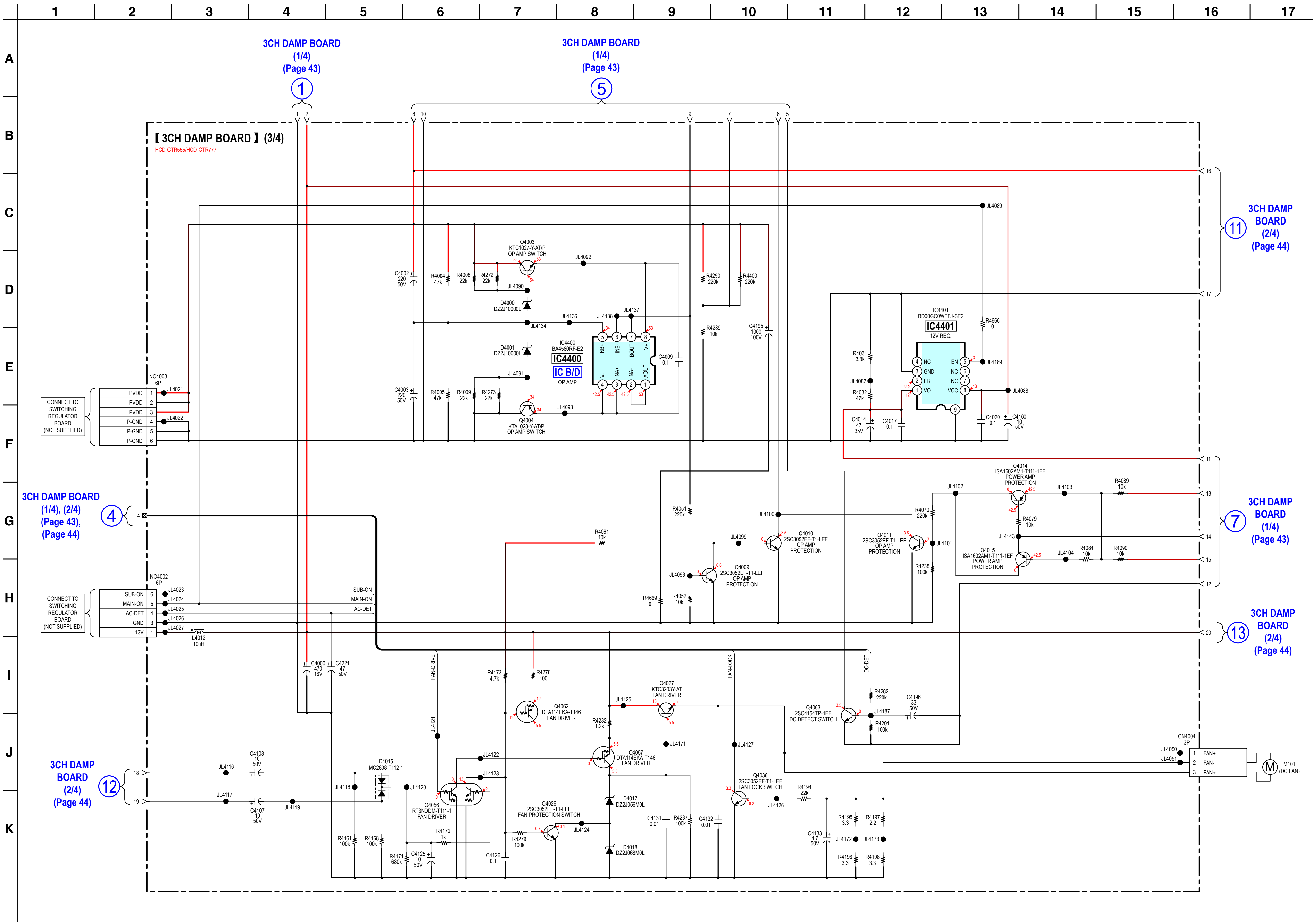


5-27. SCHEMATIC DIAGRAM – 3CH DAMP Board (2/4) –

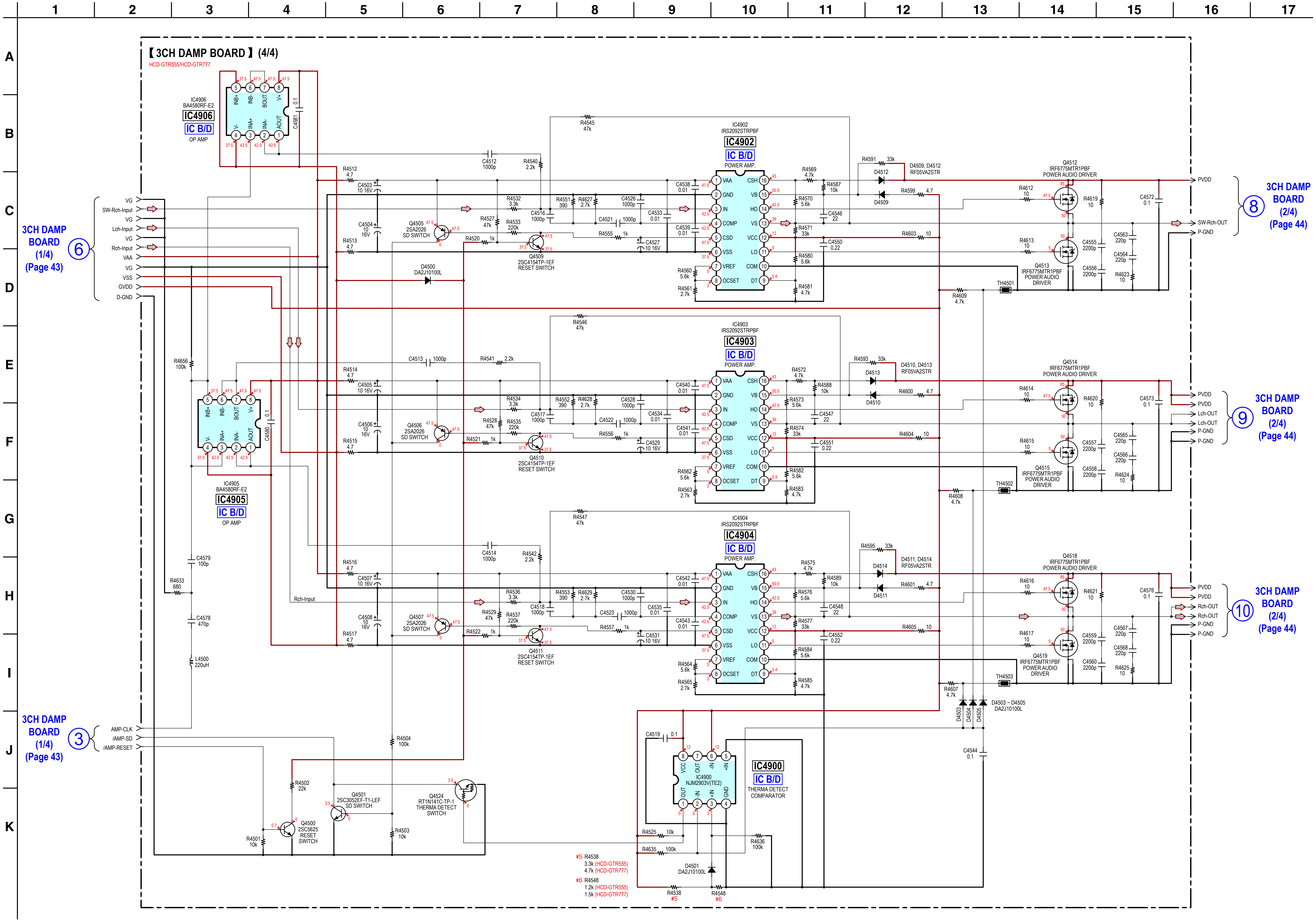


5-28. SCHEMATIC DIAGRAM – 3CH DAMP Board (3/4) –

• See page 61 for IC Block Diagrams.

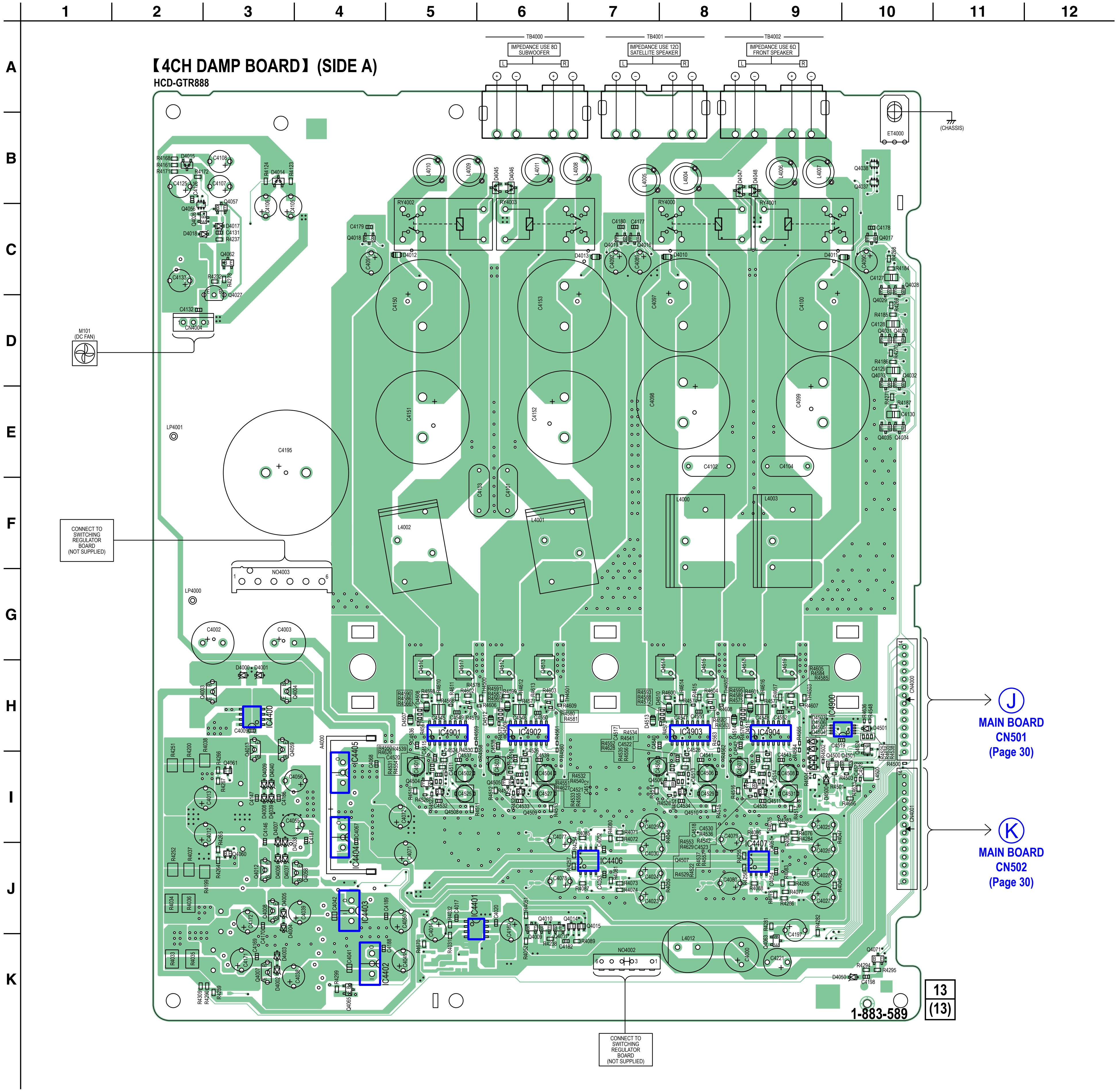


5-29. SCHEMATIC DIAGRAM – 3CH DAMP Board (4/4) – • See page 61 for IC Block Diagrams.

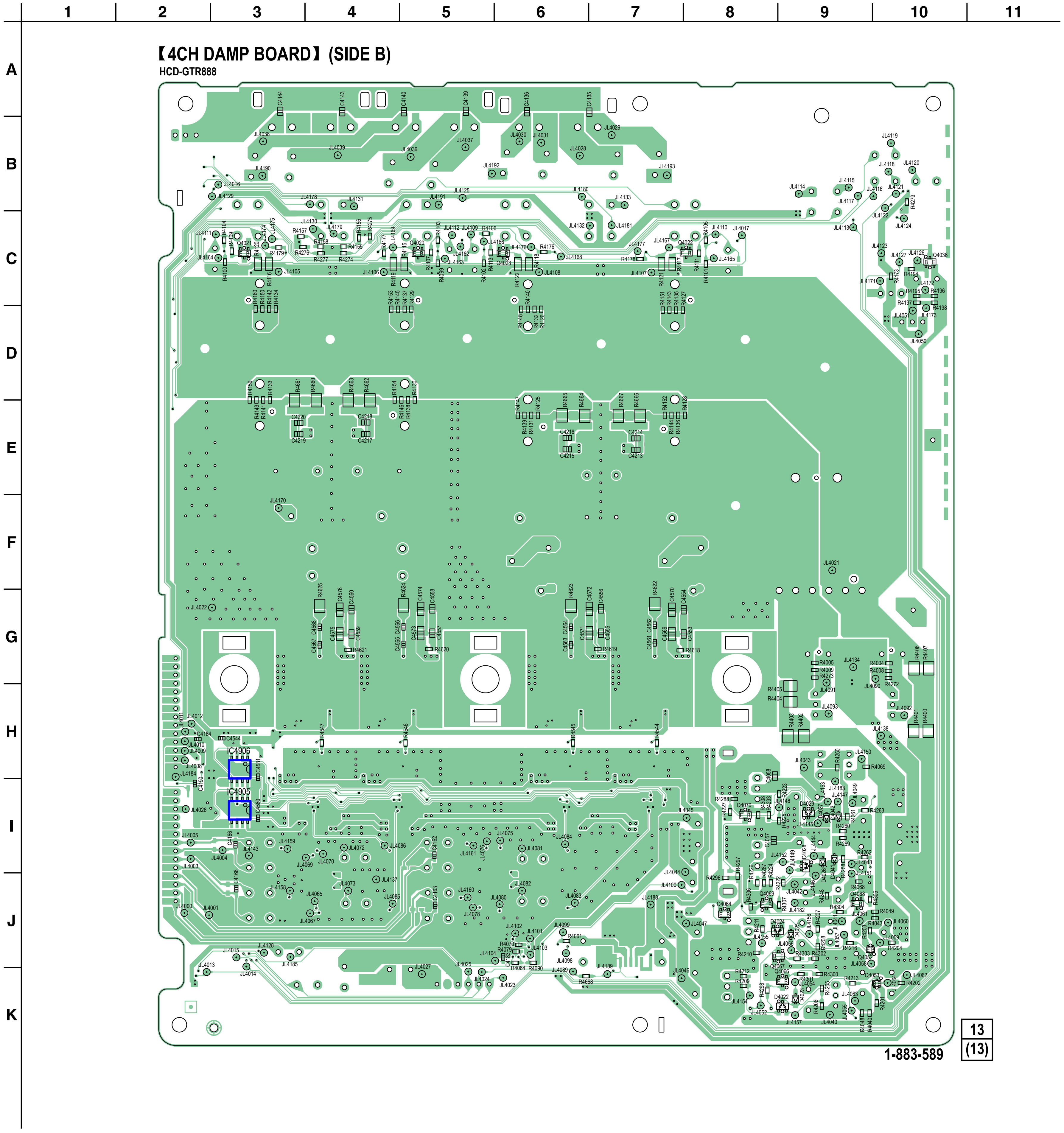


5-30. PRINTED WIRING BOARD – 4CH DAMP Board (Side A) –

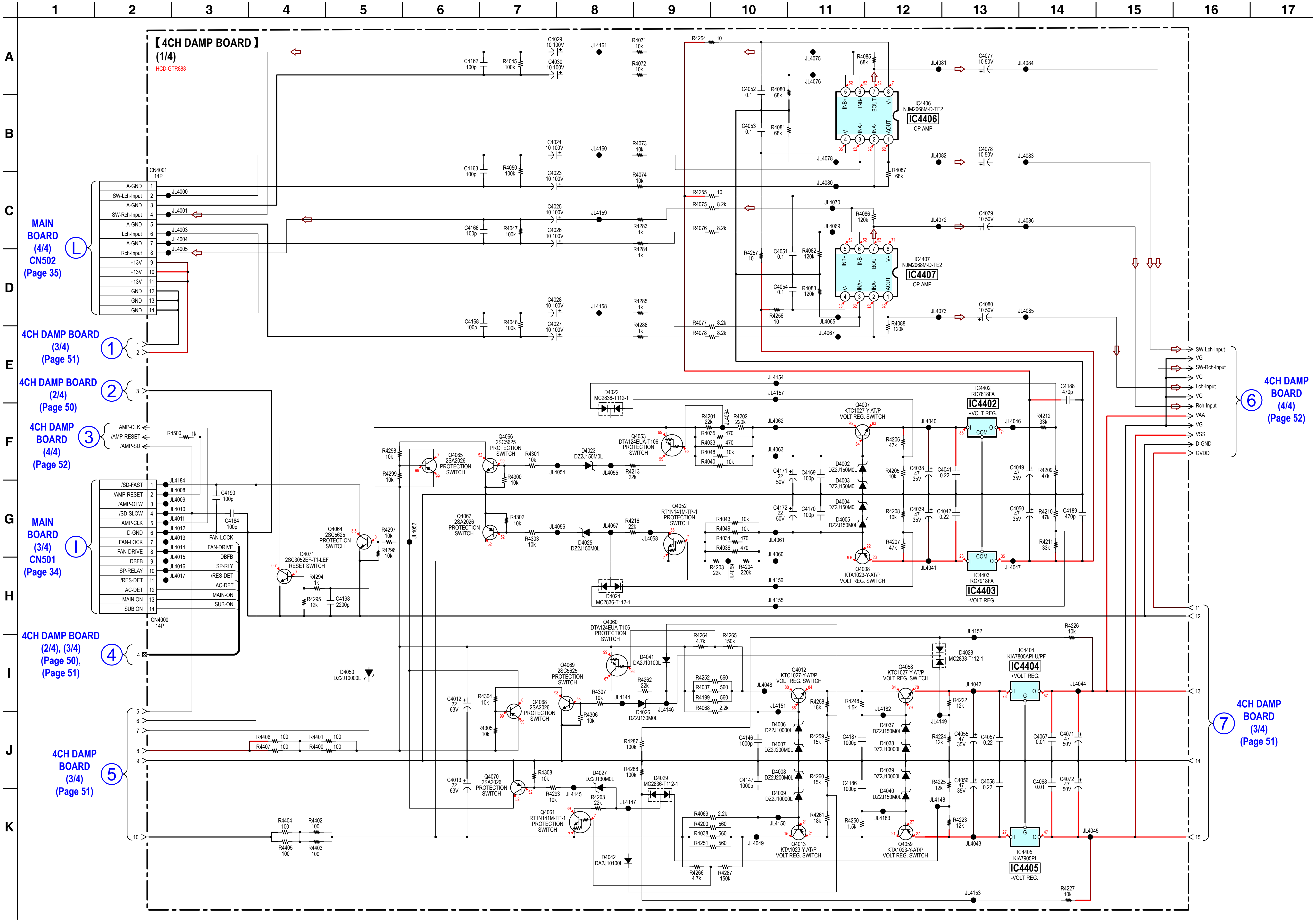
• See page 17 for Circuit Boards Location. • : Uses unleaded solder.



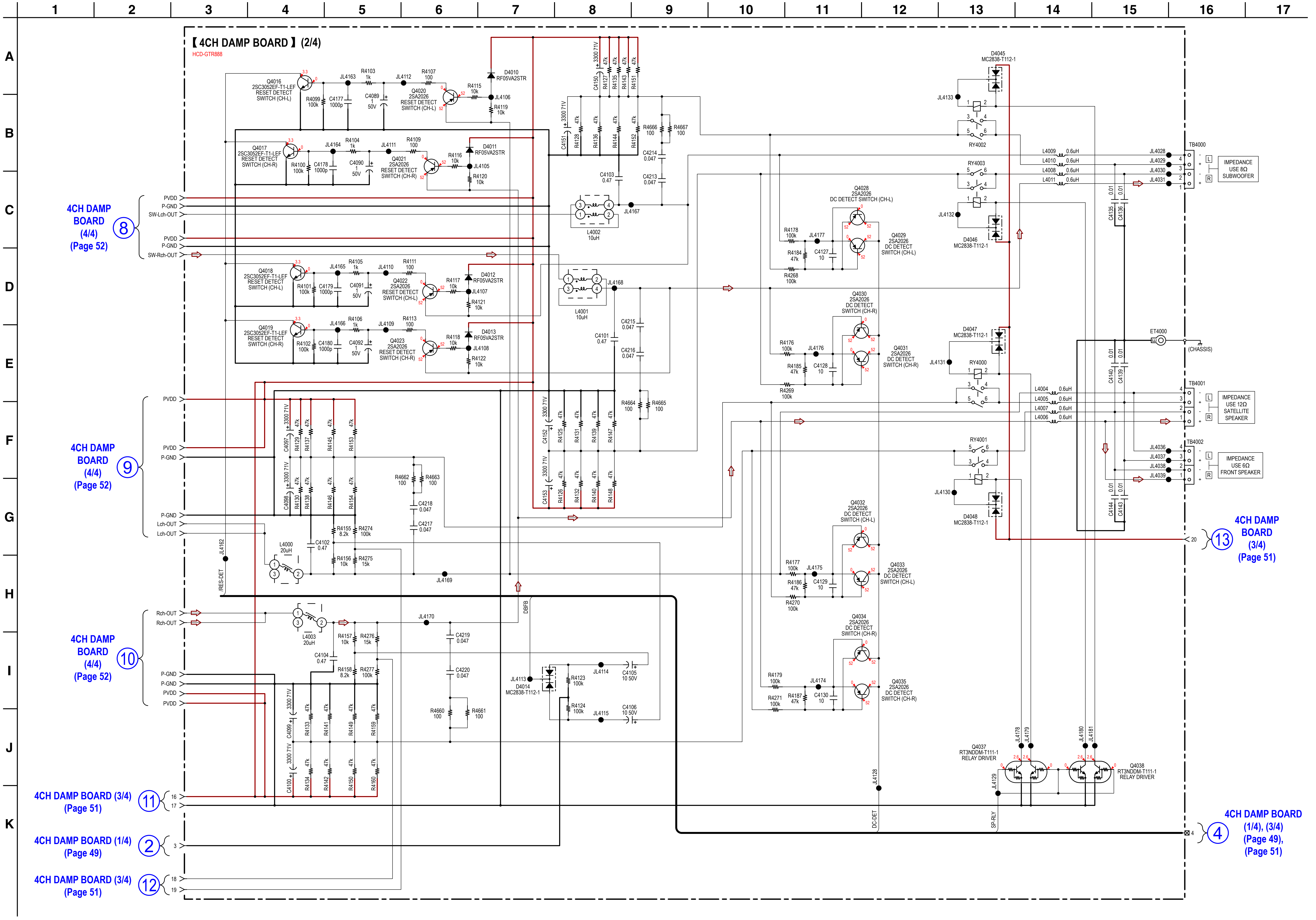
5-31. PRINTED WIRING BOARD – 4CH DAMP Board (Side B) – • See page 17 for Circuit Boards Location. • : Uses unleaded solder.



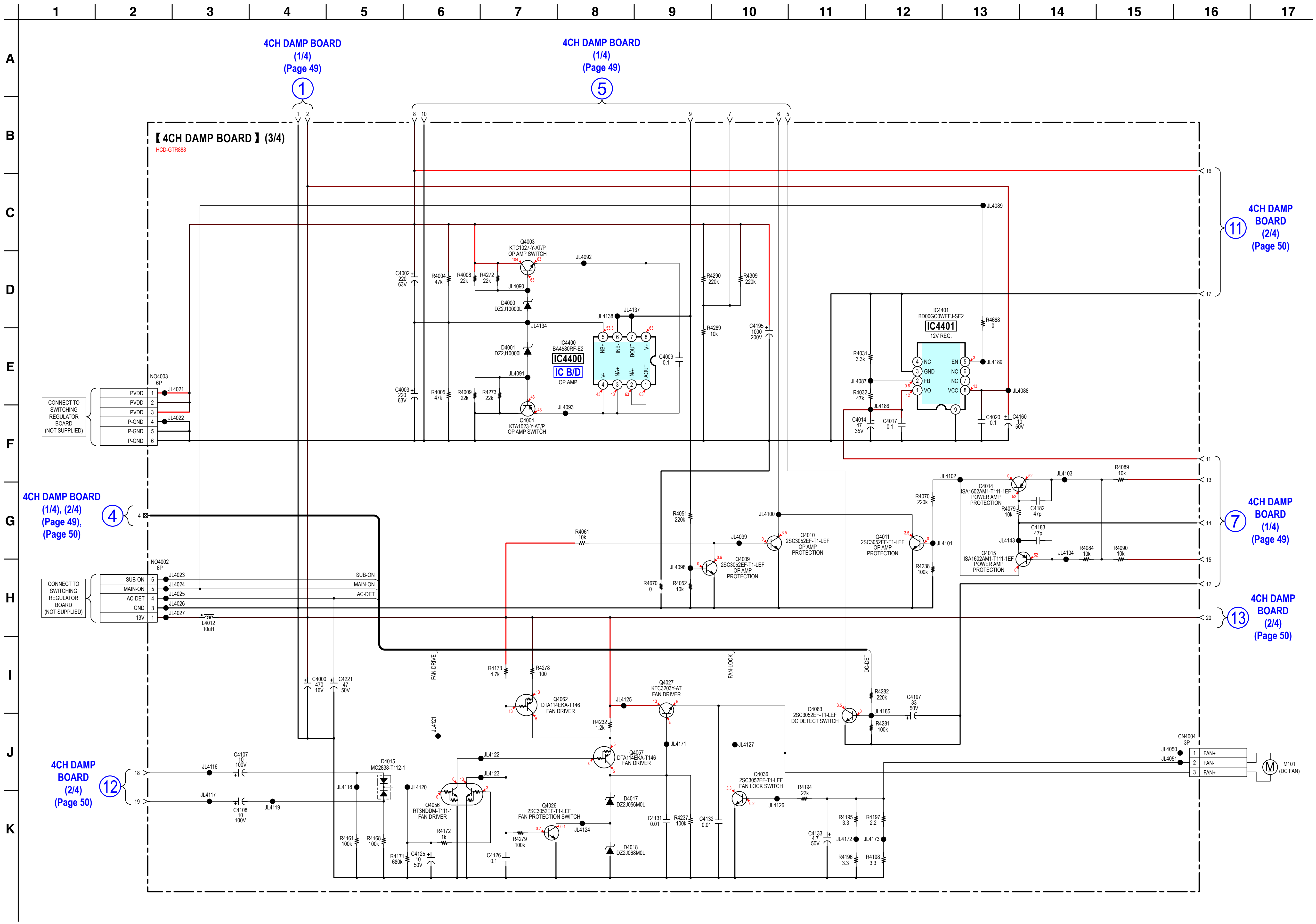
5-32. SCHEMATIC DIAGRAM – 4CH DAMP Board (1/4) –



5-33. SCHEMATIC DIAGRAM – 4CH DAMP Board (2/4) –

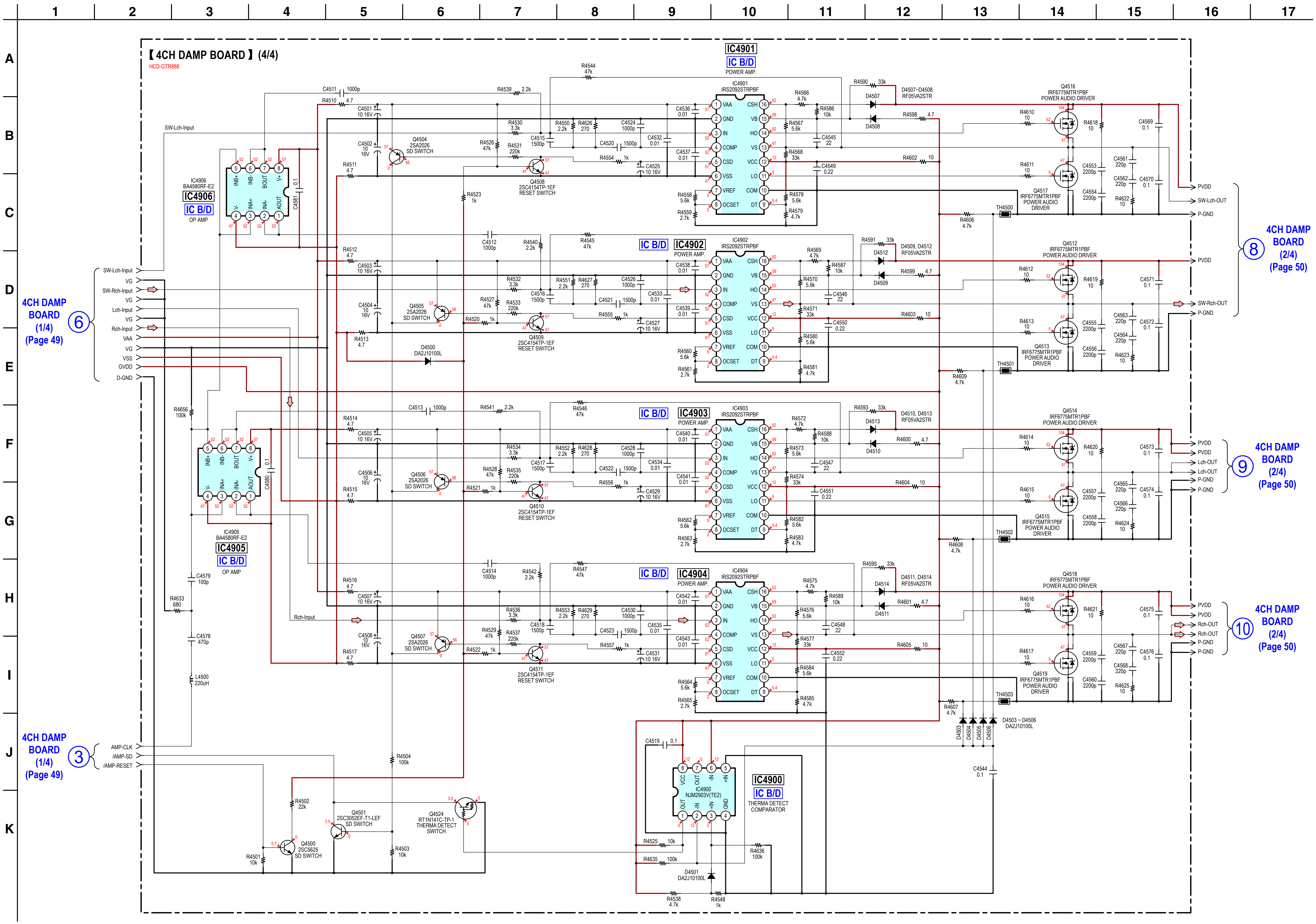


5-34. SCHEMATIC DIAGRAM – 4CH DAMP Board (3/4) – • See page 61 for IC Block Diagrams.

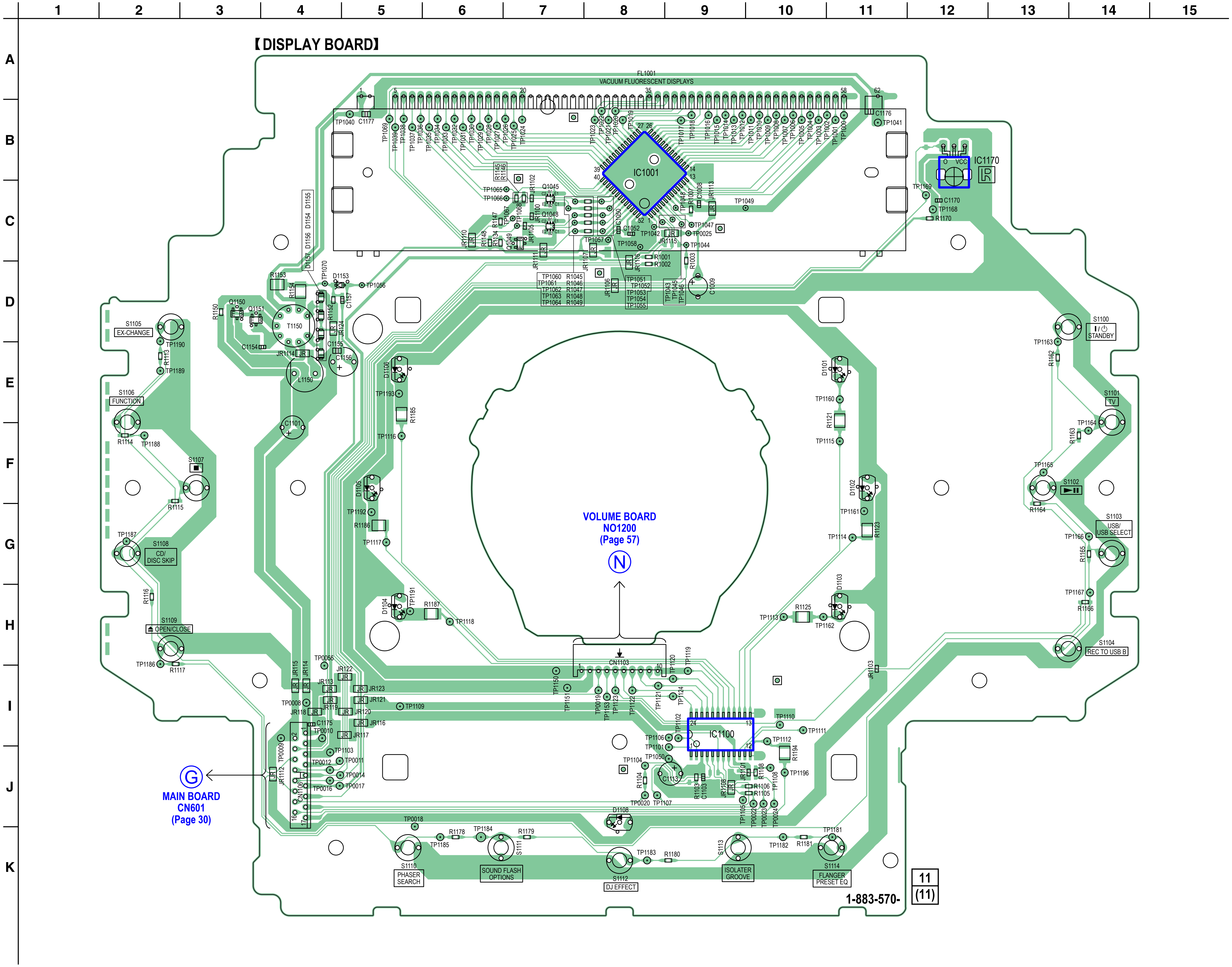


5-35. SCHEMATIC DIAGRAM – 4CH DAMP Board (4/4) –

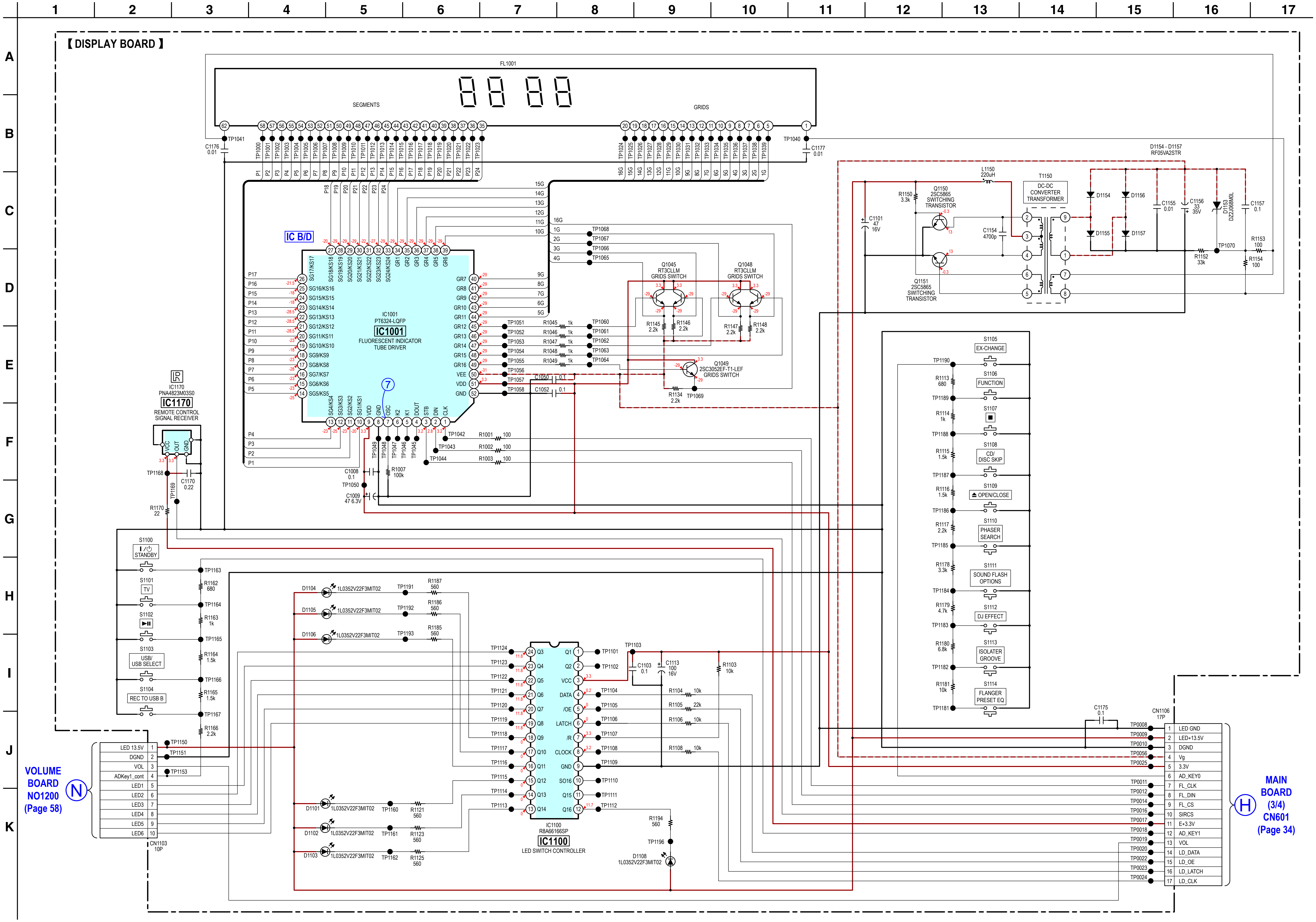
• See page 61 for IC Block Diagrams.



5-36. PRINTED WIRING BOARD – DISPLAY Board – • See page 17 for Circuit Boards Location. • : Uses unleaded solder.

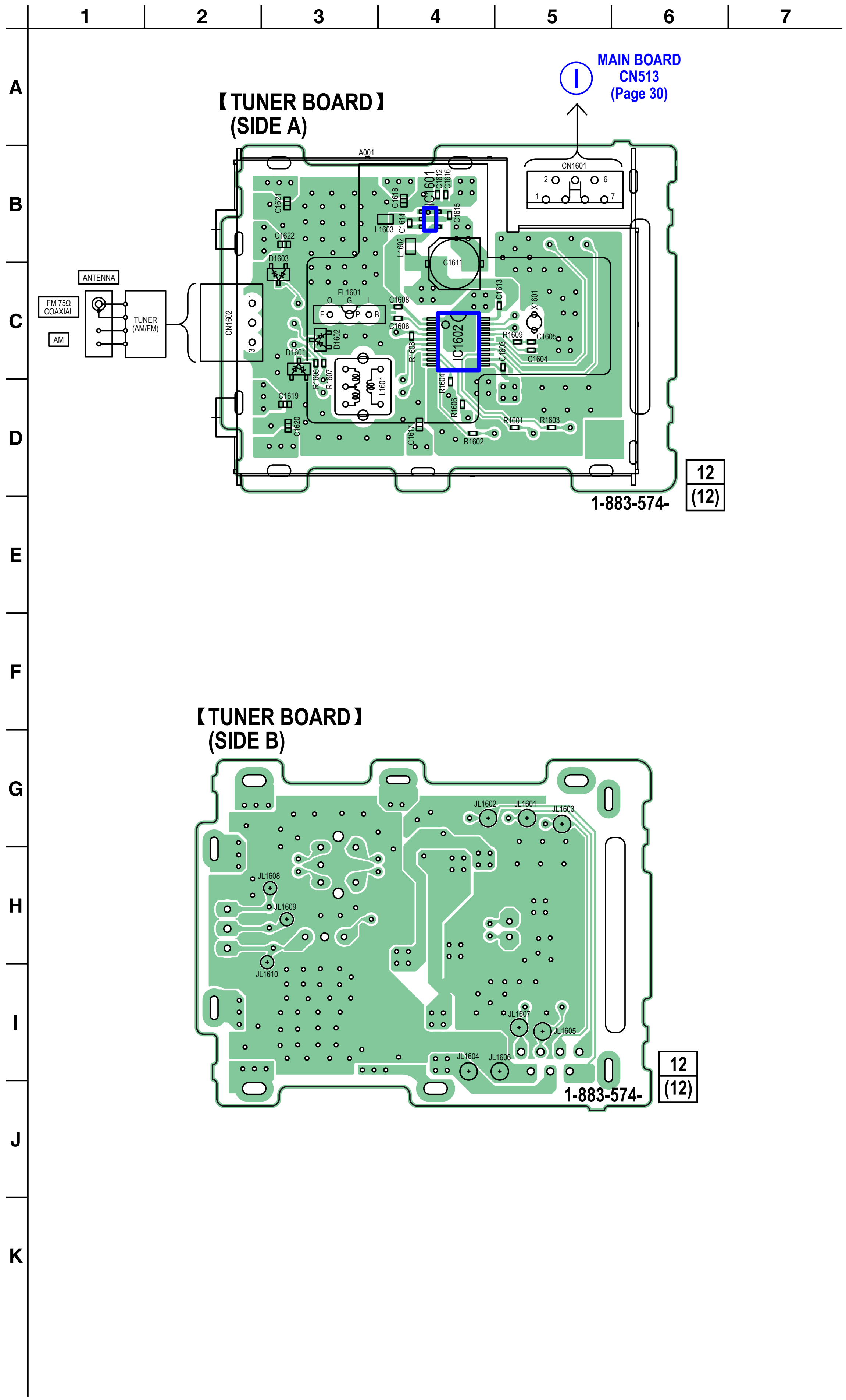


5-37. SCHEMATIC DIAGRAM – DISPLAY Board – • See page 24 for Waveforms. • See page 62 for IC Block Diagrams.



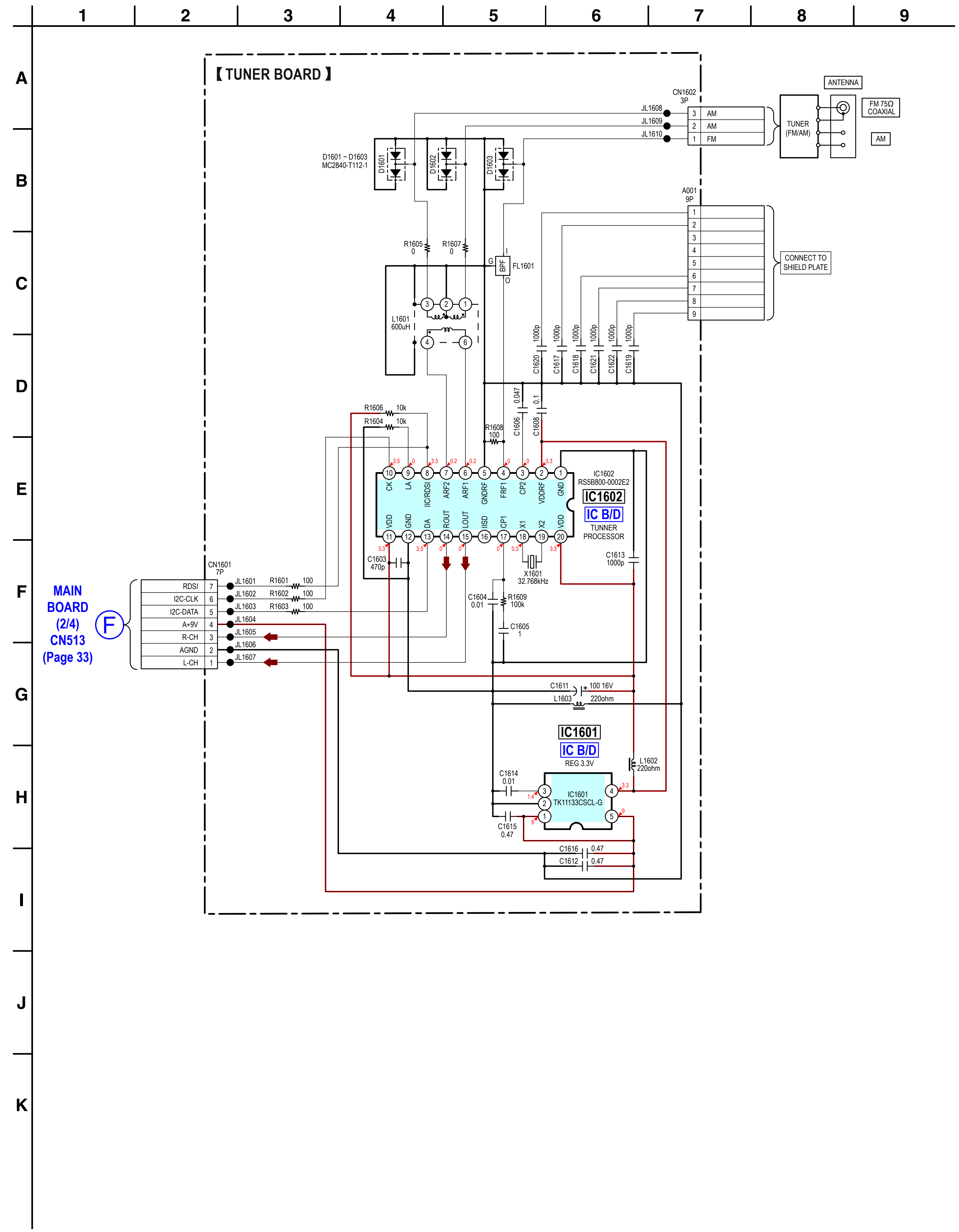
5-38. PRINTED WIRING BOARD - TUNER Board -

• See page 17 for Circuit Boards Location. • : Uses unleaded solder.



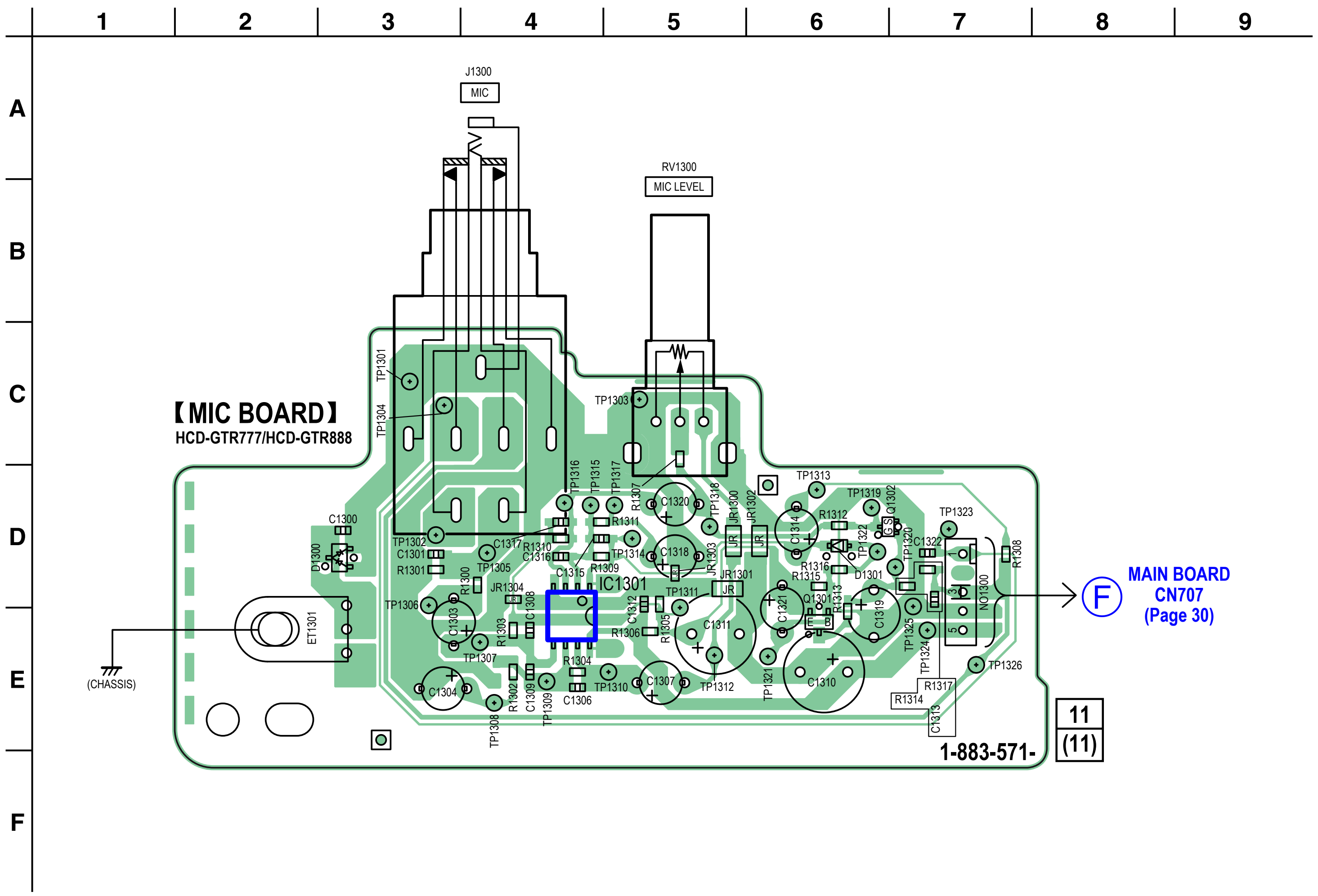
5-39. SCHEMATIC DIAGRAM – TUNER Board –

• See page 62 and 67 for IC Block Diagrams.

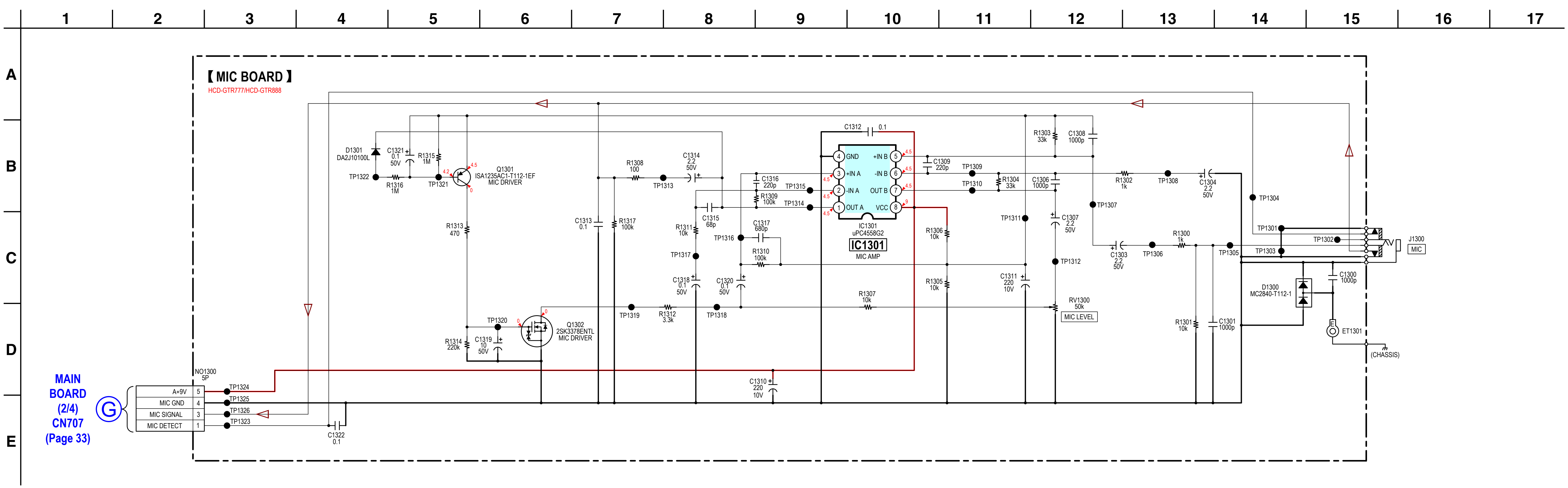


5-40. PRINTED WIRING BOARD – MIC Board –

• See page 17 for Circuit Boards Location. • : Uses unleaded solder.

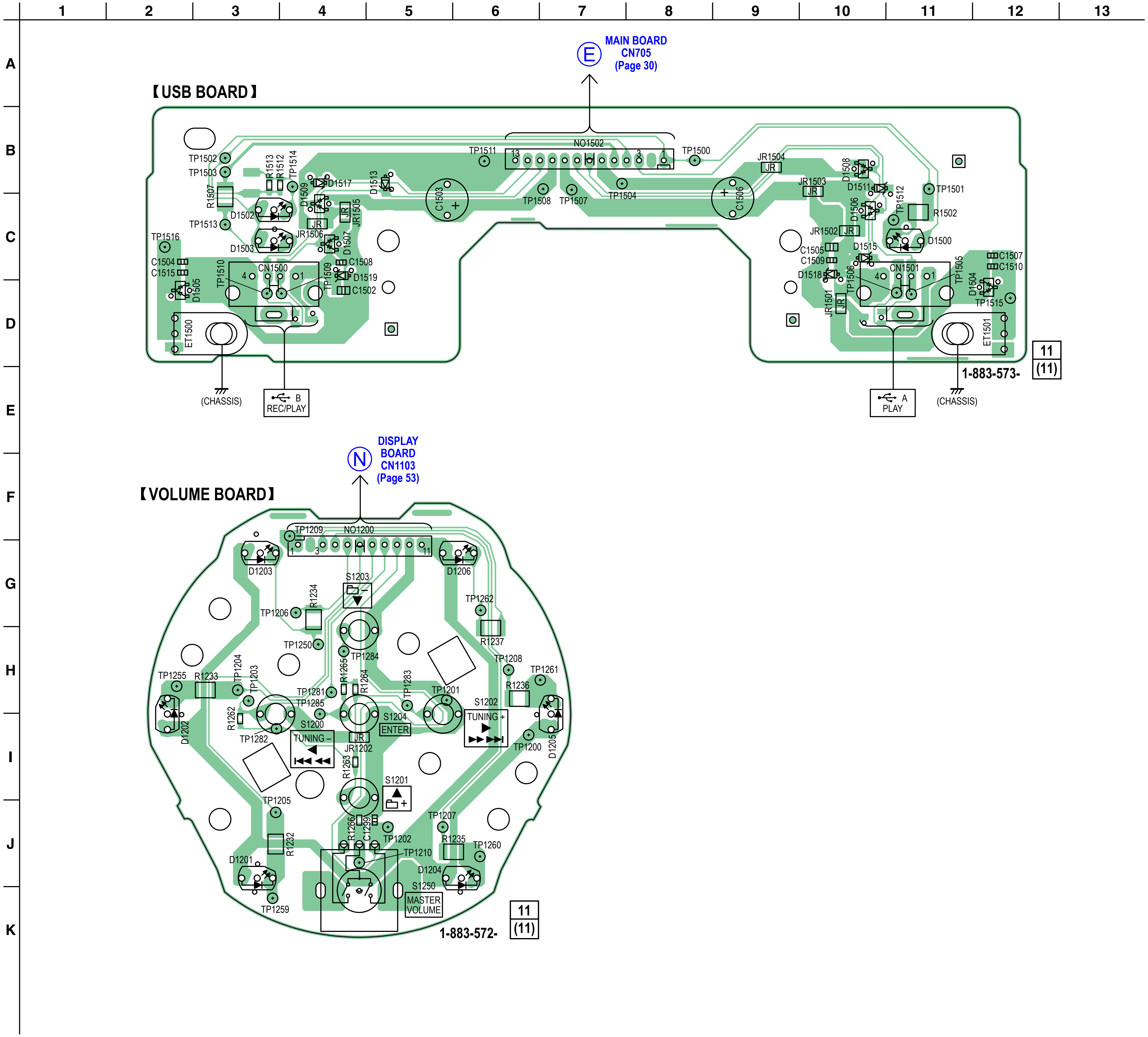


5-41. SCHEMATIC DIAGRAM – MIC Board –

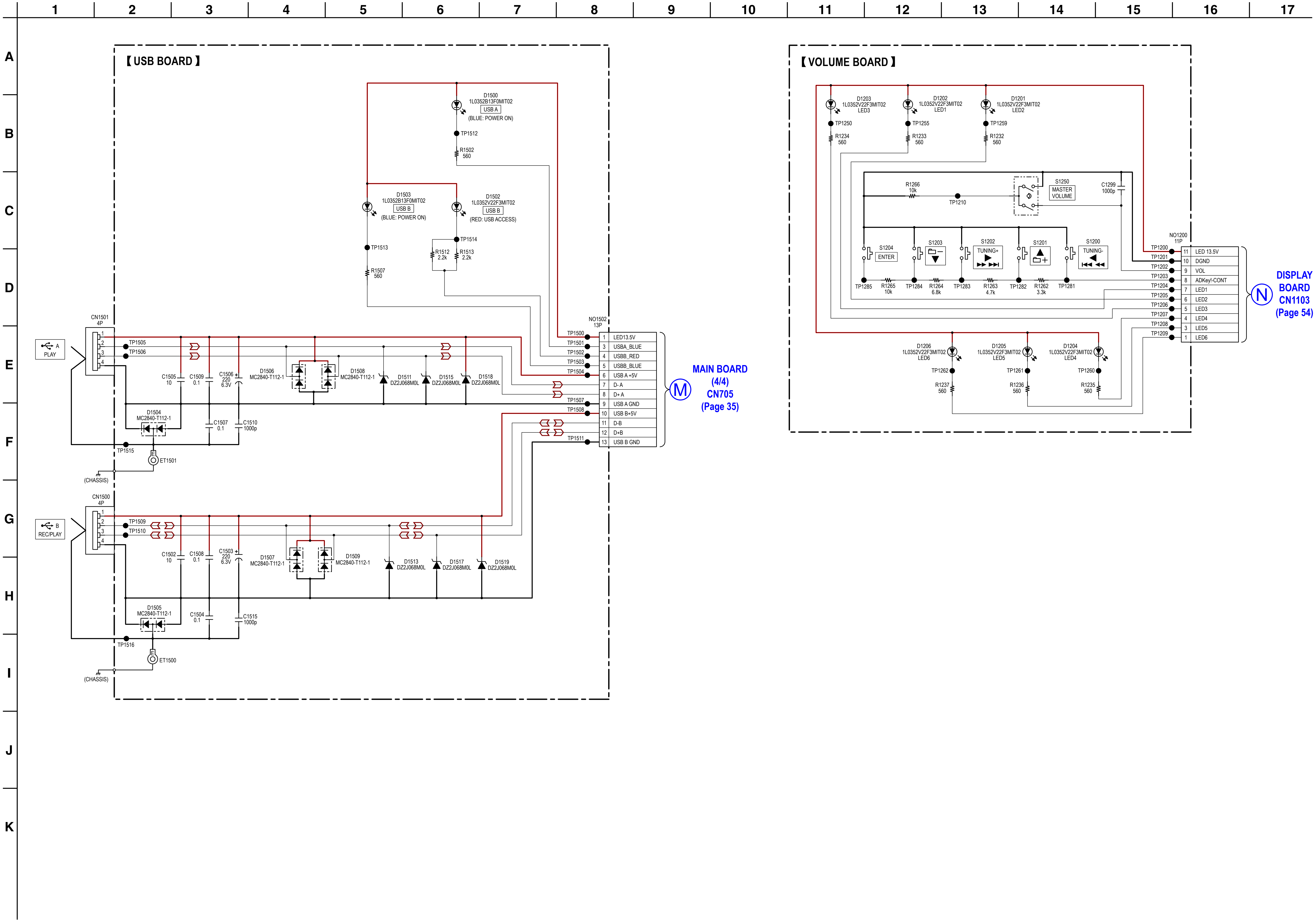


5-42. PRINTED WIRING BOARD – USB AND VOLUME Board –

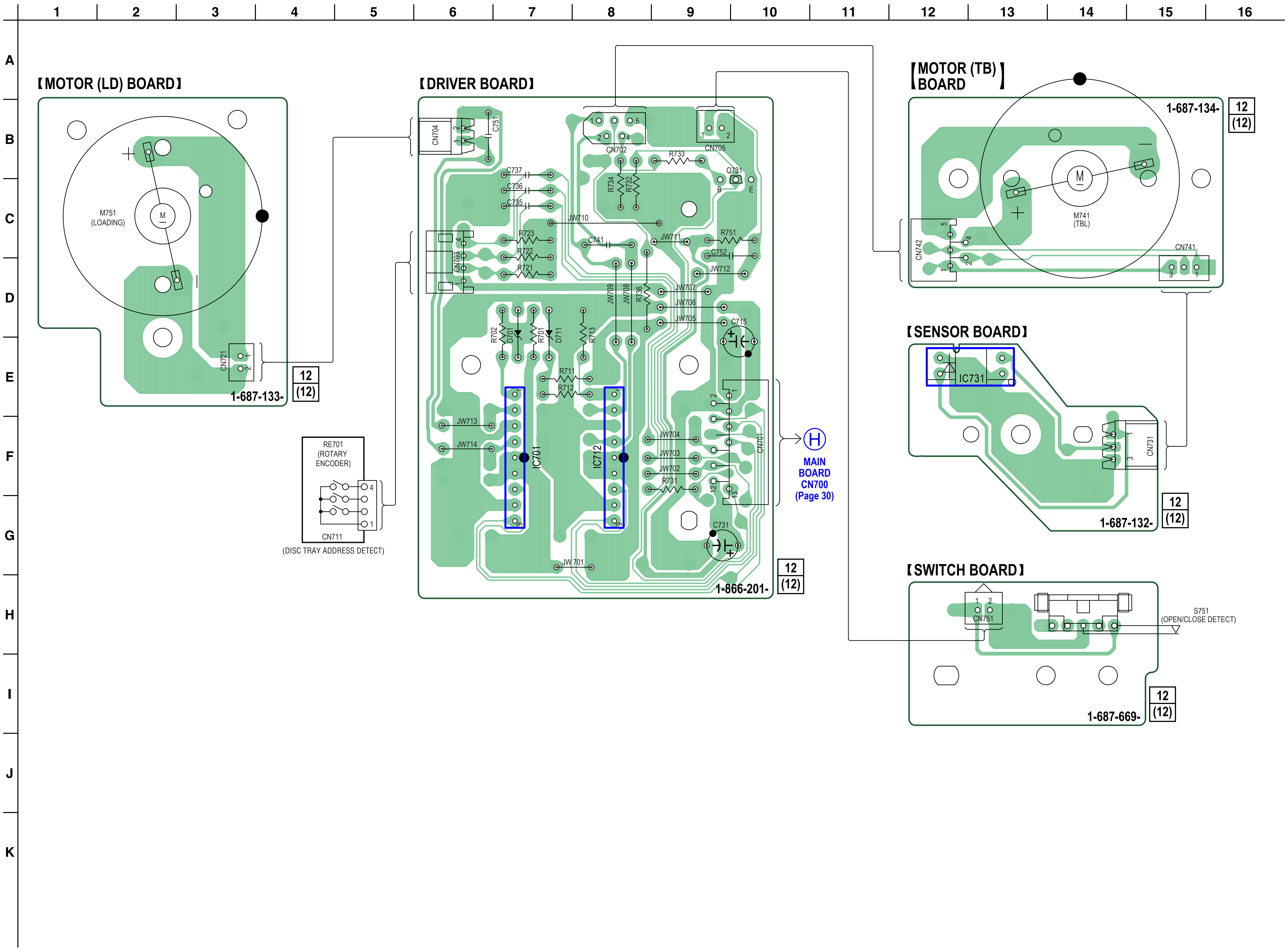
• See page 17 for Circuit Boards Location. • : Uses unleaded solder.



5-43. SCHEMATIC DIAGRAM – USB AND VOLUME Board –

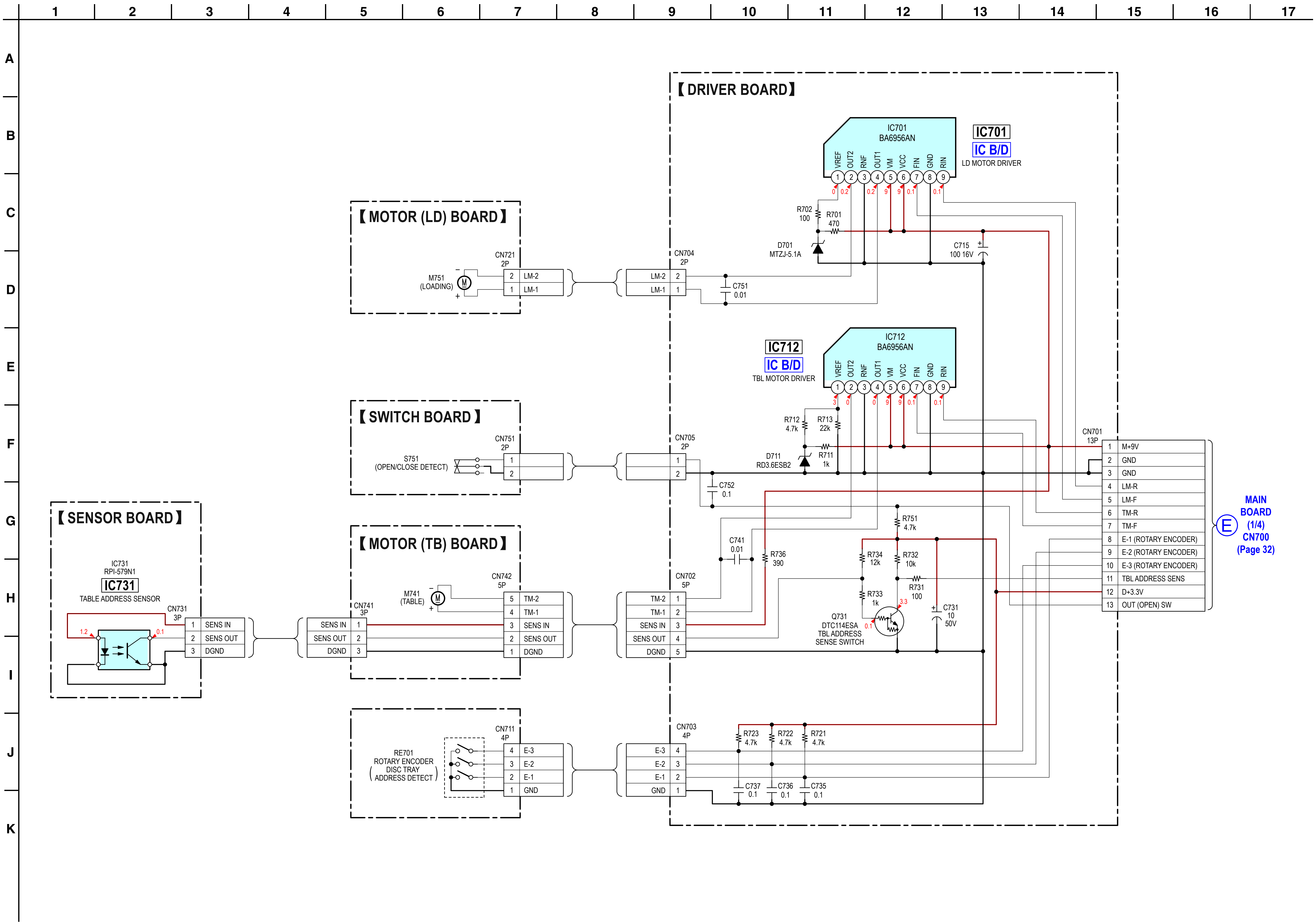


5-44. PRINTED WIRING BOARD – DRIVER Board – • See page 17 for Circuit Boards Location. • : Uses unleaded solder.



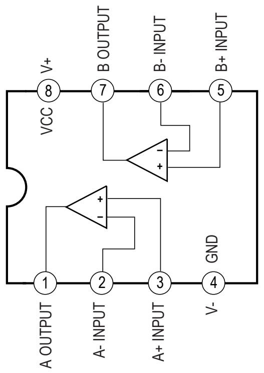
5-45. SCHEMATIC DIAGRAM – DRIVER Board –

• See page 62 for IC Block Diagrams.

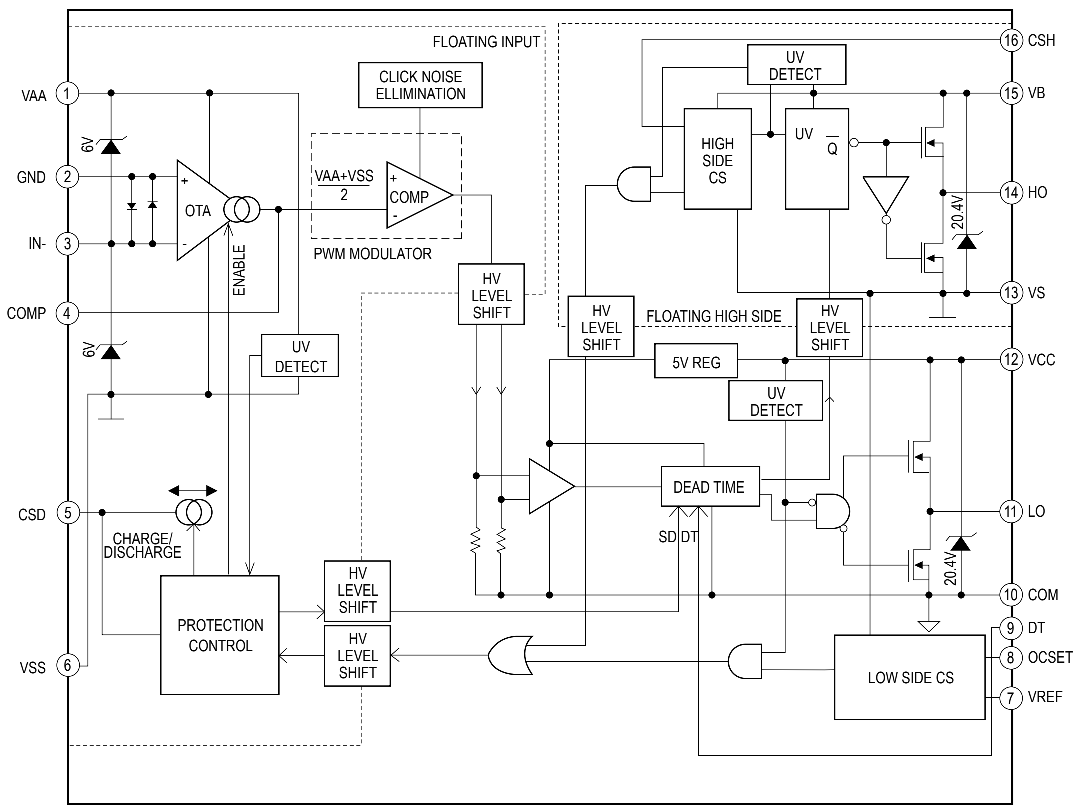


- **IC Block Diagrams**

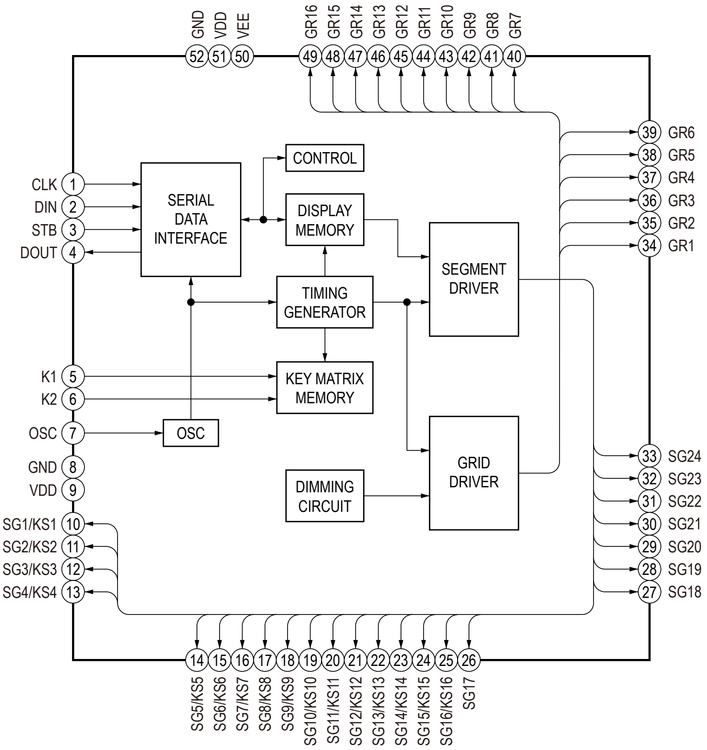
IC4400 BA4580RF-E2 (2CH DAMP BOARD (3/4)), (3CH DAMP BOARD (3/4)), (4CH DAMP BOARD (3/4))
IC4900 NJM2903V (TE2) (2CH DAMP BOARD (4/4)), (3CH DAMP BOARD (4/4)), (4CH DAMP BOARD (4/4))
IC4905 BA4580RF-E2 (2CH DAMP BOARD (4/4)), (3CH DAMP BOARD (4/4)), (4CH DAMP BOARD (4/4))
IC4906 BA4580RF-E2 (3CH DAMP BOARD (4/4)), (4CH DAMP BOARD (4/4))
IC702 NJM2903V (TE2) (MAIN BOARD (4/4))



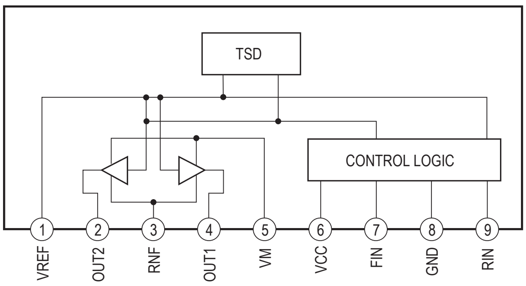
IC4903, IC4904 IRS2092STRPBF (2CH DAMP BOARD (4/4))
IC4902, IC4903, IC4904 IRS2092STRPBF (3CH DAMP BOARD (4/4))
IC4901, IC4902, IC4903, IC4904 IRS2092STRPBF (4CH DAMP BOARD (4/4))



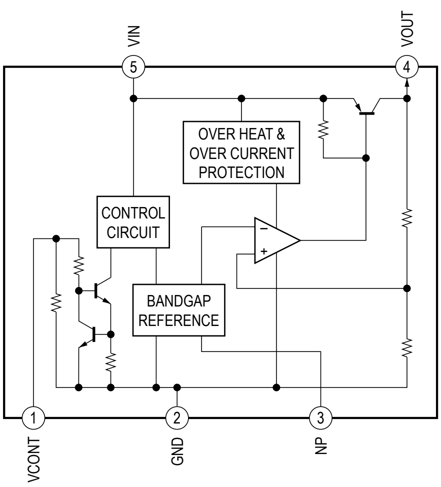
IC1001 PT6324-LQFP (DISPLAY BOARD)



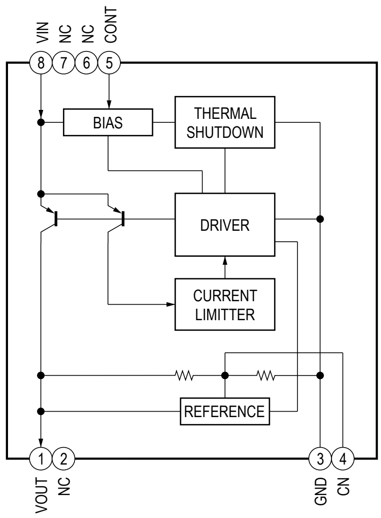
IC701, IC712 BA6956AN (DRIVER BOARD)



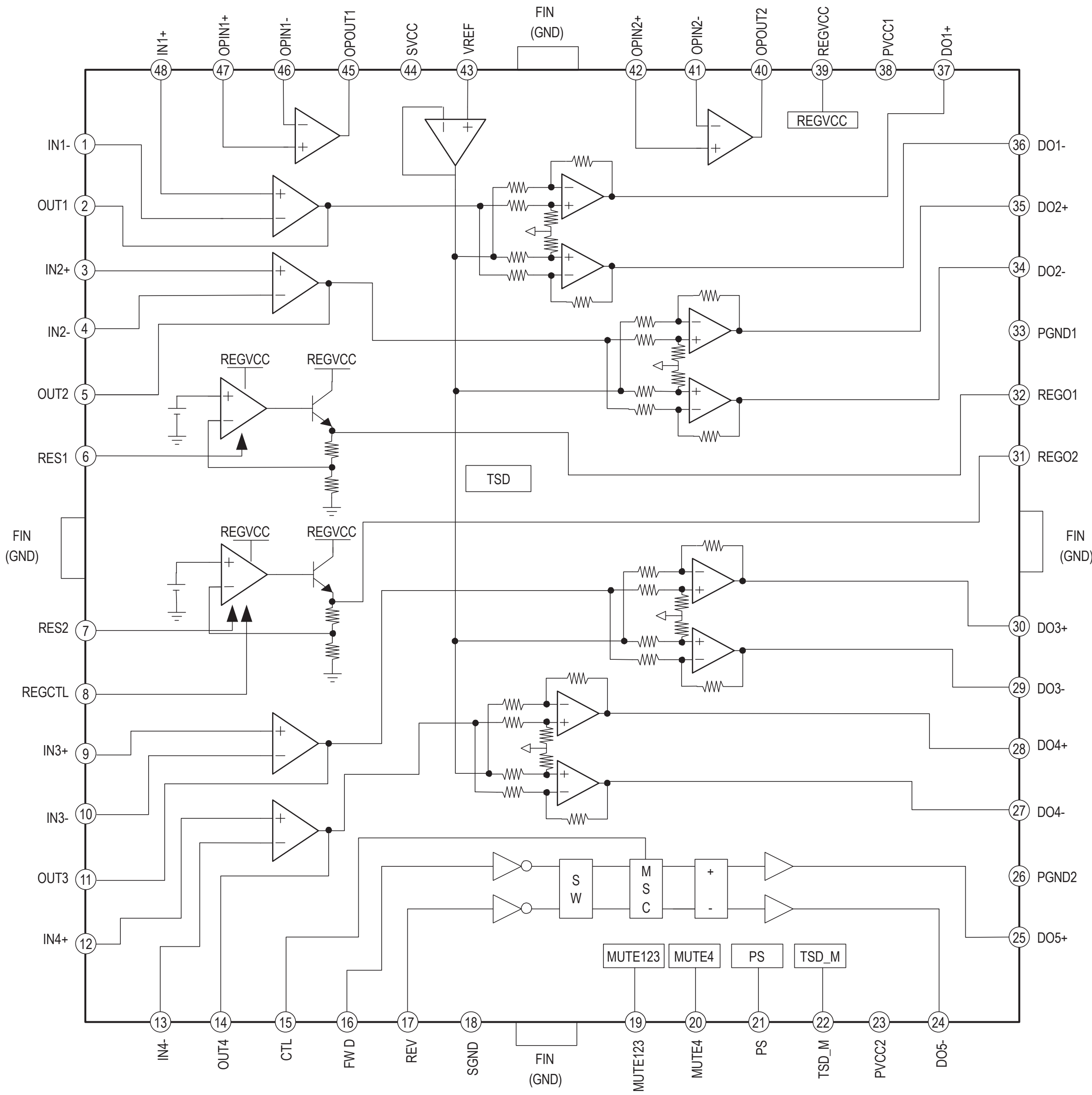
IC107 TK11133CSCL-G (DMB21 BOARD (2/3))
IC1601 TK11133CSCL-G (TUNER BOARD)



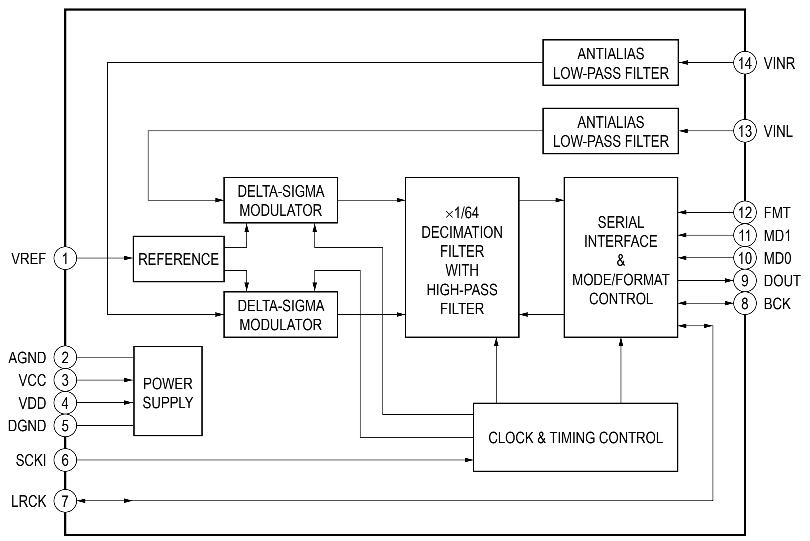
IC111 MM1661JHBE (DMB21 BOARD (2/3))



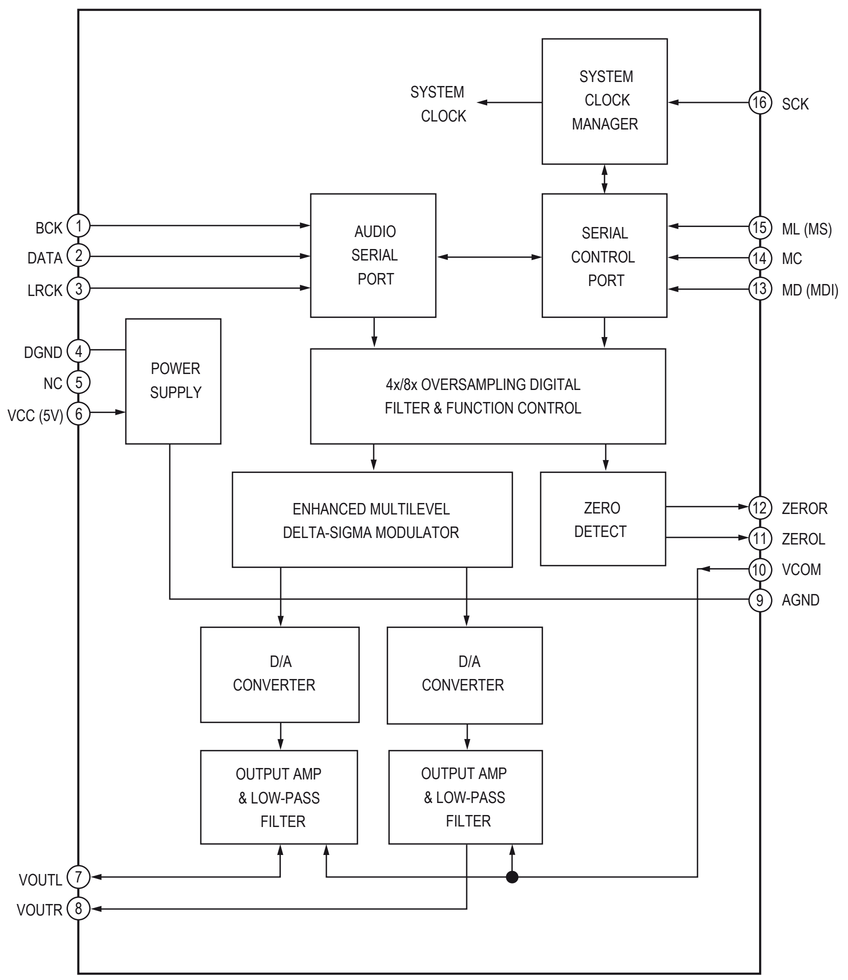
IC201 FAN8036L (DMB21 BOARD (2/3))



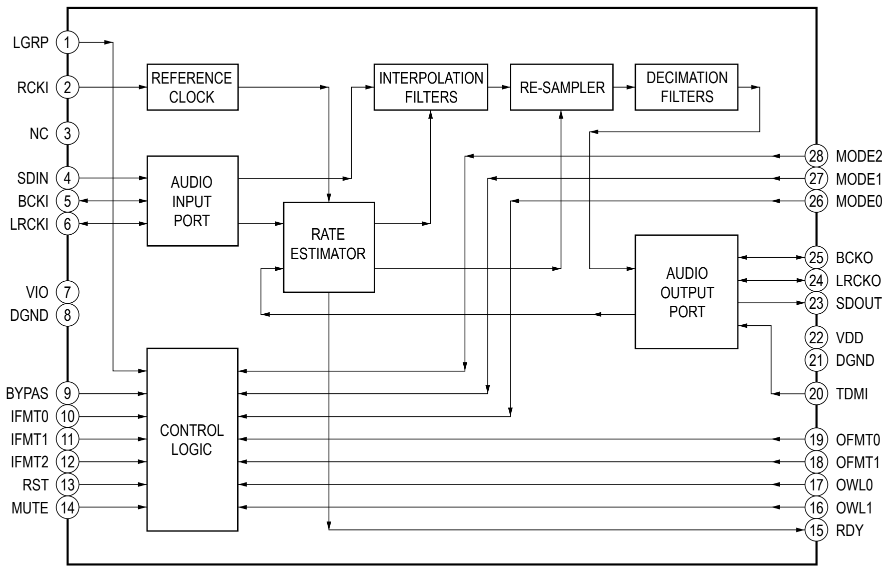
IC4601 PCM1808PWR (DMB21 BOARD (1/3))



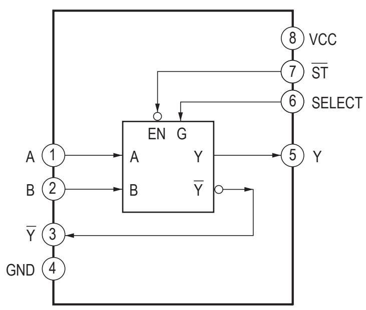
IC4602 PCM1753DBQR (DMB21 BOARD (1/3))



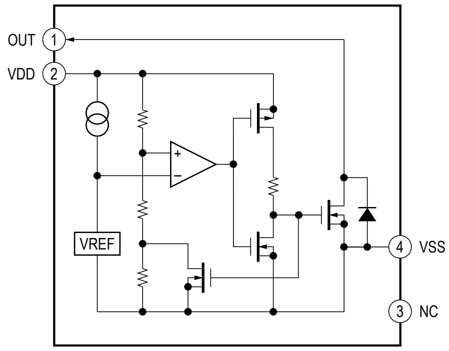
IC4607 SRC4182 (DMB21 BOARD (1/3))



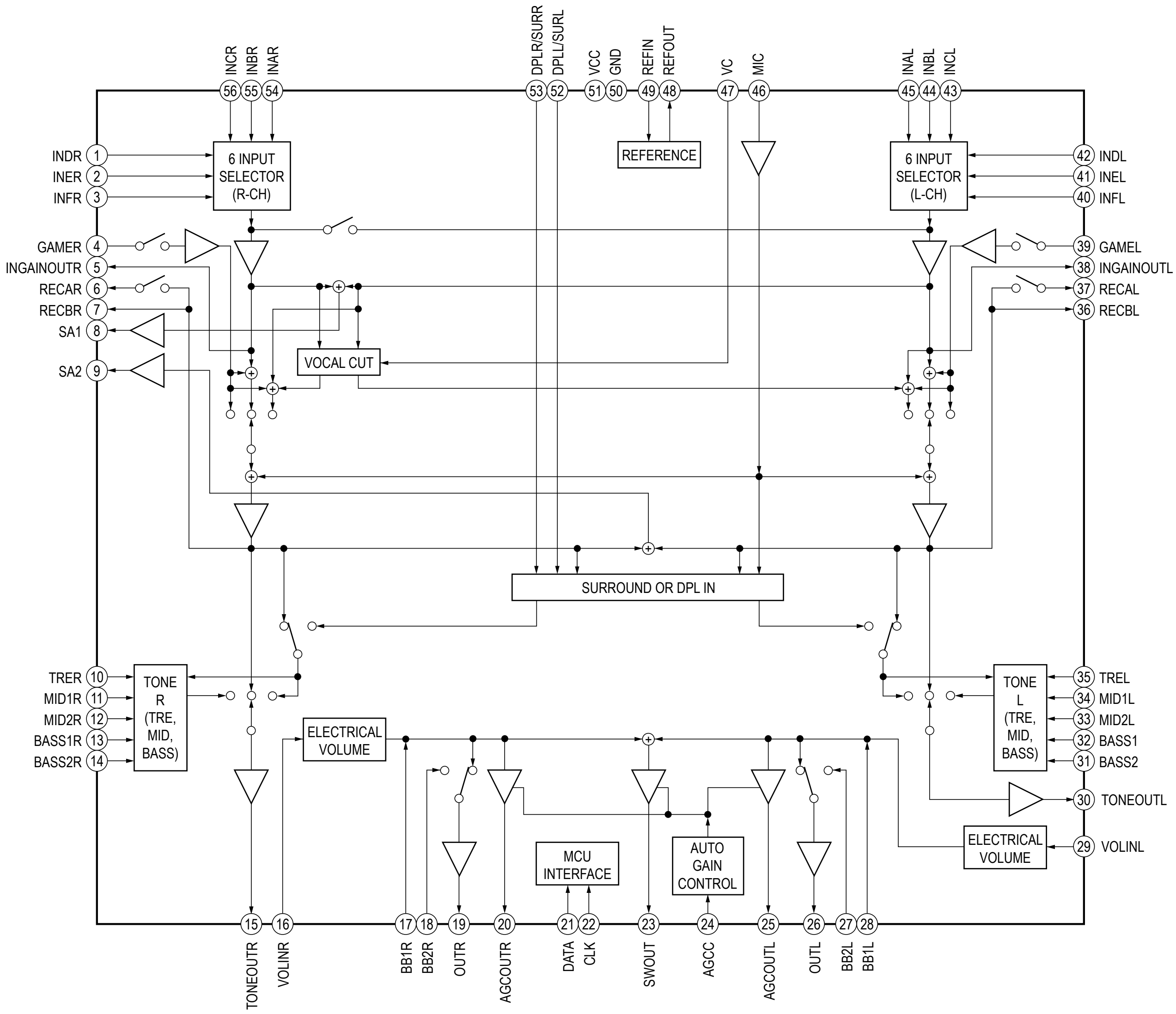
IC4608 TC7WH157FK (DMB21 BOARD (1/3))



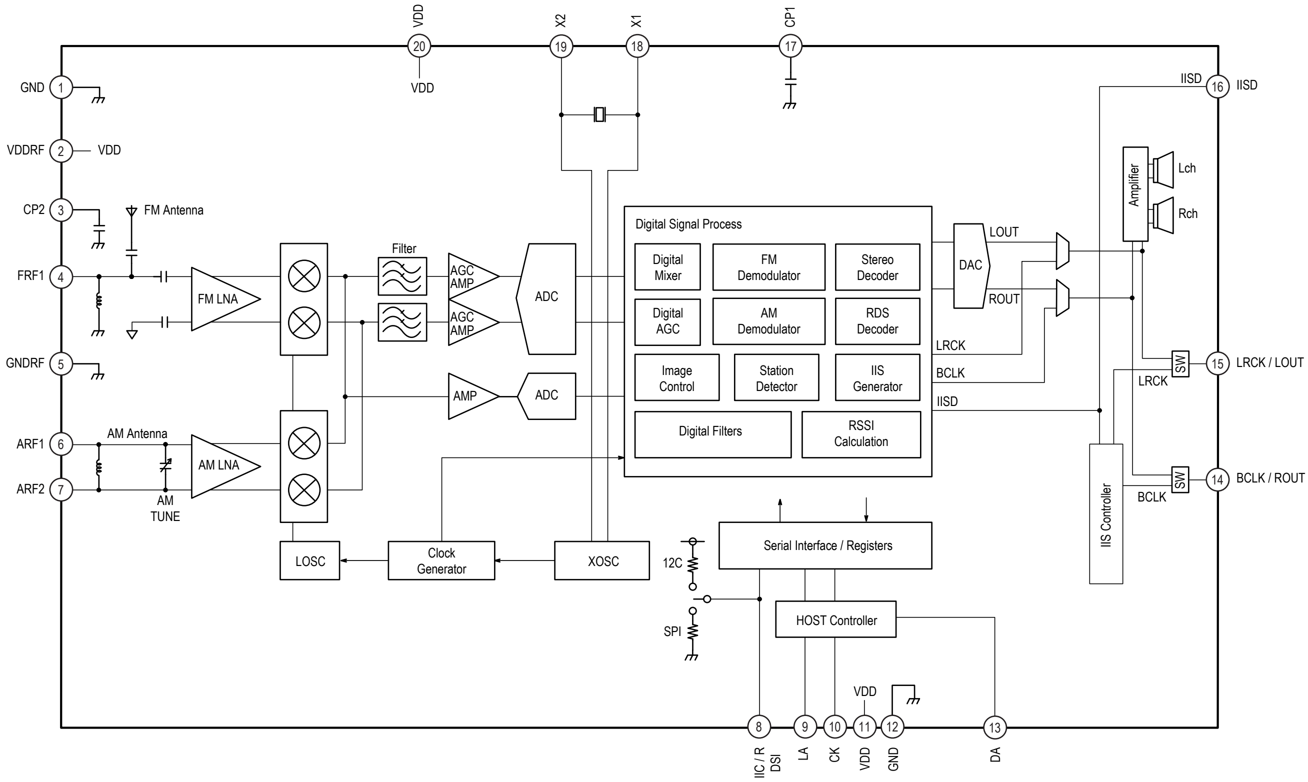
IC508 S-80829CNNB-B8OT2G (MAIN BOARD (1/4))



IC806 R2A15216FP (MAIN BOARD (2/4))



IC1602 RS5B800-0002E2 (TUNER BOARD)



- **IC Pin Function Description**

DMB21 BOARD (3/3) IC101 CXD9968R(LE)
(CD RF AMP FOCUS/TRACKING ERROR AMP CD SYSTEM PROCESSOR DIGITAL SERVO PROCESSOR)

Pin No.	Pin Name	I/O	Description
1	RF_A	I	RF main beam (C) input from the optical pick-up block
2	RF_B	I	RF main beam (B) input from the optical pick-up block
3	RF_C	I	RF main beam (A) input from the optical pick-up block
4	RF_D	I	RF main beam (D) input from the optical pick-up block
5	RF_E	I	RF sub beam (F) input from the optical pick-up block
6	RF_F	I	RF sub beam (E) input from the optical pick-up block
7	AVDD18_2	-	Power supply terminal (+1.8V)
8	AVDD33_1	-	Power supply terminal (+3.3V)
9	XTALI	I	System clock input terminal (27 MHz)
10	XTALO	O	System clock output terminal (27 MHz)
11	AGND33	-	Ground terminal
12	V2O	O	Reference voltage (+2V) output to the optical pick-up block
13	V14/VREFO	O	Reference voltage (+1.4V) output terminal
14	REXT	I	Current reference input terminal Fixed at “L” in this set
15, 16	MDI1, MDI2	I	Laser power monitor input from the optical pick-up block
17, 18	LDO1, LDO2	O	Laser diode drive signal output to the optical pick-up block
19	AVDD33_2	-	Power supply terminal (+3.3V)
20	DMO	O	Spindle motor control signal output to the motor driver
21	FMO	O	Sled motor control signal output to the motor driver
22	MUTE4	O	Muting signal output to the coil/motor driver (for spindle motor)
23	MSW	O	CD/DVD selection signal output terminal “L”: CD, “H”: DVD
24	TRO	O	Tracking coil control signal output to the coil driver
25	FOO	O	Focus coil control signal output to the coil driver
26	EEWP	-	Not used
27, 28	USB_DP, USB_DM	I/O	Two-way audio serial data with the USB controller
29	VDD33_USB	-	Power supply terminal (+3.3V)
30	VSS33_USB	-	Ground terminal
31	PAD_VRT	I/O	USB generating reference current terminal
32	VDD18_USB	-	Power supply terminal (+1.8V)
33	SCL	O	Serial clock signal output to the EEPROM (GTZ4i)
34	SDA	I/O	Two-way serial data with the EEPROM (GTZ4i)
35	IFSDI	I	Serial data input from the system controller
36	FS_CS#	O	Chip select signal output to the flash ROM
37	SF_DO	O	Serial data output to the flash ROM
38	SF_DI	I	Serial data input from the flash ROM
39	SF_CK	O	Serial clock signal output to the flash ROM
40	IFSCK	O	Serial data transfer clock signal output to the system controller
41	IFSOD	O	Serial data output to the system controller
42	ICE	I	ICE mode enable setting terminal Not used
43	PRST#	I	Reset signal input from the system controller “L”: reset
44	IR	I	IR control signal input terminal Not used
45 to 49	RD0 to RD4	I/O	Two-way data bus with the SD-RAM
50	DVDD33	-	Power supply terminal (+3.3V)
51 to 53	RD5 to RD7	I/O	Two-way data bus with the SD-RAM
54	DVDD18	-	Power supply terminal (+1.8V)
55	DQM0	O	Data mask signal output to the SD-RAM
56 to 59	RD15 to RD 12	I/O	Two-way data bus with the SD-RAM
60	DVSS33	-	Ground terminal
61 to 64	RD11 to RD8	I/O	Two-way data bus with the SD-RAM
65	DQM1	O	Data mask signal output to the SD-RAM
66	RCLK	O	Clock signal output to the SD-RAM
67	RA11	O	Address signal output to the SD-RAM
68	DVDD33	-	Power supply terminal (+3.3V)
69 to 74	RA9 to RA4	O	Address signal output to the SD-RAM
75	RWE#	O	Write enable signal output to the SD-RAM
76	CAS#	O	Column address strobe signal output to the SD-RAM
77	RAS#	O	Row address strobe signal output to the SD-RAM

Pin No.	Pin Name	I/O	Description
78	BA0	O	Bank address signal output to the SD-RAM
79	DVSS18	-	Ground terminal
80	BA1	O	Bank address signal output to the SD-RAM
81 to 83	RA10, RA0, RA1	O	Address signal output to the SD-RAM
84	DVDD33	-	Power supply terminal (+3.3V)
85, 86	RA2, RA3	O	Address signal output to the SD-RAM
87	IFBSY	I	Communication initialization request signal input from the system controller
88	IFCS#	O	Communication initialization request acknowledge signal output to the system controller
89	RX	-	Not used
90	DVDD18	-	Power supply terminal (+1.8V)
91	TX	-	Not used
92	XMAMUTE	-	Not used
93	SPDIF	O	SPDIF signal output terminal Not used
94	GPIO	I	Thermal shut down signal input from the coil/motor driver
95	DACVDDC	-	Power supply terminal (+3.3V)
96	VREF	I	Band gap reference voltage terminal
97	FS	I	Full scale adjustment terminal
98	DACVSSC	-	Ground terminal
99	CVBS	O	Composite video signal output terminal Not used
100, 101	DACVDDB, DACVDDA	-	Power supply terminal (+3.3V)
102	SY/Y/G	O	Component video (Y) signal output terminal Not used
103	SC/CB/B	O	Component video (Pb/Cb) signal output terminal Not used
104	CR/R	O	Component video (Pr/Cr) signal output terminal Not used
105	AADVSS	-	Ground terminal
106	GPIO19	I	Audio data input from the A/D converter (for USB)
107	MUTE123	-	Not used
108	LIMITSW	-	Not used
109, 110	AADVDD, APLLVDD	-	Power supply terminal (+3.3V)
111	APLLCAP	I	External capacitor connecting terminal
112, 113	ADACVSS2, ADACVSS1	-	Ground terminal
114	GPIO	O	Master clock signal output to the A/D converter and D/A converter
115	GPIO	O	Bit clock signal output to the A/D converter and D/A converter
116	GPIO	O	Muting signal output to the coil/motor driver (for focus/tracking coil and sled motor)
117	AVCM	-	Audio D/A converter reference voltage terminal
118	GPIO	I	Limit detection switch input terminal
119	GPIO	O	L/R sampling clock signal output to the A/D converter and D/A converter
120	GPIO	O	Audio data output to the D/A converter
121, 122	ADACVDD1, ADACVDD2	-	Power supply terminal (+3.3V)
123	AVDD18_1	-	Power supply terminal (+1.8V)
124	AGND18	-	Ground terminal
125, 126	RF_IP, OPOUT	I	AC coupled RF signal input from the optical pick-up block
127	IOPMON/OPINP	I	Power monitor terminal
128	SPFG/OPINN	I	Spindle motor hall sensor input from the motor driver

MAIN BOARD (1/4) IC500 R5F3650KBDFA (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	USBA-LED-BLUE	O	USB A LED Control Pin. “H”: LED on
2	USBB-LED-RED	O	USB B RED LED Control Pin. “H”: LED on
3	USBB-LED-BLUE	O	USB B BLUE LED Control Pin. “H”: LED on
4	SIRCS	I	Remote control signal input
5	LED-DRIVER-DATA	O	Serial data output signal to LED Driver
6	LED-DRIVER-LATCH	O	Latch Signal to LED Driver
7	LED-DRIVER-CLK	O	Serial data clock signal to LED Driver
8	BYTE	-	Ground terminal
9	CNVSS	-	Processor Mode Switch
10	XC-IN	I	Sub system clock input terminal (32.768kHz)
11	XC-OUT	I	Sub system clock output terminal (32.768kHz)
12	RESET	I	System reset signal input from the reset signal IC “L”: reset After the power supply rises, “L” is input for several hundreds msec and then change to “H”.
13	XOUT	O	Main system clock output terminal (8MHz)
14	VSS	-	Ground terminal
15	XIN	I	Main system clock input terminal (8MHz)
16	VCC	-	Power supply terminal (+3.3V)
17	NMI	I	Non-maskable interrupt input terminal
18	MIC_DETECT	I	Mic Input Detection pin. “L”: Mic detected (Only for HCD-GTR777 and HCD-GTR888)
19	AC-CUT	I	AC off detection signal input from the reset signal IC “L”: AC Cut detected
20	LED-DRIVER-OE	O	Output Enable Signal to LED Driver
21	VBUS_OE	O	MTK Vbus Output enable control pin
22	FL-CS	O	Serial data chip select signal to FL Driver, PT6324
23	FL-CLK	O	Serial data clock signal to FL Driver, PT6324
24	FL-DATA	O	Serial data output signal to FL Driver, PT6324
25	NO-USE	-	Unused
26	DAMP_CLK	O	Clock to Digital Amp
27	DSP-RESET	O	DSP reset pin
28	DIGITAL_SEL	O	Digital Selector Pin
29	I2C-CLK	I/O	Clock signal for IIC communication between Master Control controller and Display Control controller
30	I2C-DATA	I/O	Data signal for IIC communication between Master Control controller and Display Control controller
31	NO-USE	-	Unused
32	NO-USE	-	Unused
33	NO-USE	-	Unused
34	NO-USE	-	Unused
35	MTK-SOD	O	Data Out Signal to MTK DMB Board
36	MTK-SIO	I	Data In Signal from MTK DMB Board
37	MTK-CLK	I	Clock Signal from MTK DMB Board
38	MTK-BUSY	O	BUSY Signal communication between MTK Board
39	CLKOUT	-	Unused
40	MTK-RESET	O	MTK DMB Board reset pin
41	MTK-XIFCS	I	Chip Select Signal from MTK DMB Board
42	MTK_POWER_CTRL	O	Power Control pin for MTK DMB board
43	LM-R	O	CDM loading motor control signal output
44	LM-F	O	CDM loading motor control signal output
45	TM-R	O	CDM turning motor control signal output
46	TM-F	O	CDM turning motor control signal output
47	DSP_DATA	I/O	DSP IC: Data signal for IIC communication
48	DSP_CLK	I/O	DSP IC: Clock signal for IIC communication
49	E-1	I	Disc tray status detection signal input from CDM
50	E-2	I	Disc tray status detection signal input from CDM
51	E-3	I	Disc tray status detection signal input from CDM
52	TBL-SENSE	I	Disc tray position detection signal input from CDM
53	OPEN-SW	I	Eject detection signal input from CDM
54	FRL_SPK_LED_RED	O	Front Speaker Left RED LED Control Pin. “H”: LED on (Only for HCD-GTR777 and HCD-GTR888)
55	FRL_SPK_LED_BLUE	O	Front Speaker Left BLUE LED Control Pin. “H”: LED on (Only for HCD-GTR777 and HCD-GTR888)

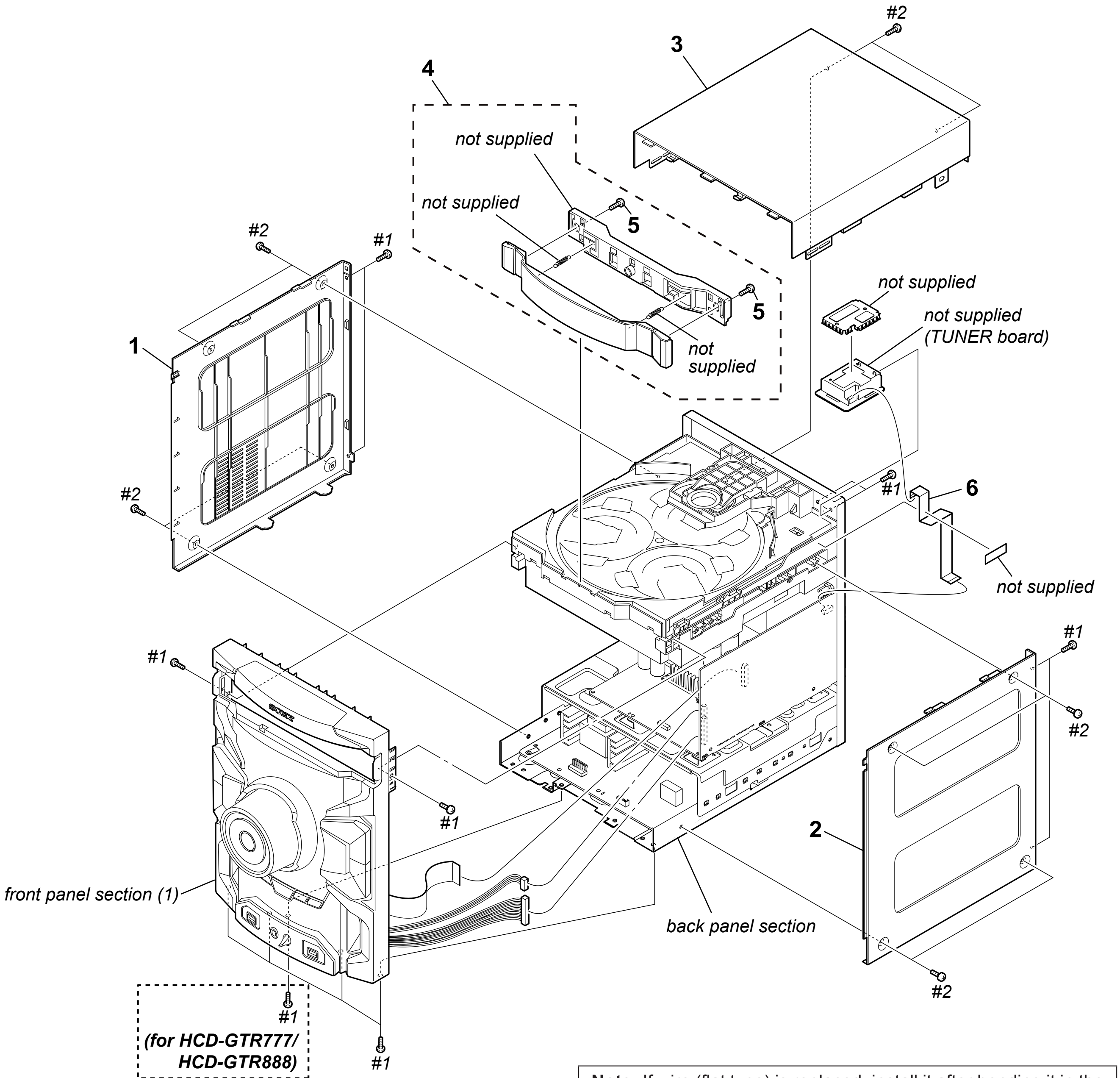
Pin No.	Pin Name	I/O	Description
56	FRR_SPK_LED_RED	O	Front Speaker Right RED LED Control Pin. “H”: LED on (Only for HCD-GTR777 and HCD-GTR888)
57	FRR_SPK_LED_BLUE	O	Front Speaker Right BLUE LED Control Pin. “H”: LED on (Only for HCD-GTR777 and HCD-GTR888)
58	SWL_SPK_LED_RED	O	Subwoofer Speaker Left RED LED Control Pin. “H”: LED on (Only for HCD-GTR777 and HCD-GTR888)
59	SWL_SPK_LED_BLUE	O	Subwoofer Speaker Left BLUE LED Control Pin. “H”: LED on (Only for HCD-GTR777 and HCD-GTR888)
60	SWR_SPK_LED_RED	O	Subwoofer Speaker Right RED LED Control Pin. “H”: LED on (Only for HCD-GTR777 and HCD-GTR888)
61	SWR_SPK_LED_BLUE	O	Subwoofer Speaker Right BLUE LED Control Pin. “H”: LED on (Only for HCD-GTR777 and HCD-GTR888)
62	VCC2	-	Power supply terminal (+3.3V)
63	PCONT(SUB)	O	13.5V & 7V Power Switch Control pin. “H”: 13V
64	VSS	-	Ground terminal
65	PCONT(MAIN)	O	Digital Amp Module Power Control Pin. “H”: ON
66	SP-RLY	O	Relay drive signal output for the front speakers “H”: relay on
67	AD-KEY0	I	Key input terminal (A/D input)
68	/SD FAST	I	Power Supply Shutdown Protection Detection Pin. “L”: Protect on
69	FAN-DRIVE/FAN-EN	O	Fan Control Switch “H”: fan on
70	NO-USE	-	Unused
71	DAMP_RESET	O	Digital Amp Reset Pin
72	/FANBLOCK	I	Fan Block Detection Pin. “L”: Block On
73	RESONANCE DET	I	Resonance Protection Detection Pin
74	/SD	I	Digital Amp Shutdown Protection Detection Pin. “L”: Protect on
75	ST_RDS	I	Input for RDS Text Detect Signal (L: RDS Detect)
76	NO-USE	-	Unused
77	ST_DATA	I/O	Tuner IC: Clock signal for IIC communication
78	ST_CLK	I/O	Tuner IC: Data signal for IIC communication
79	SUB_ON	O	Main power on/off control signal output “H”: power on
80	/SW-MUTE	O	Muting Control Switch for Subwoofer Speaker. “L”: mute on (Only for HCD-GTR555/ HCD-GTR777 and HCD-GTR888)
81	/FRONT-MUTE	O	Muting Control Switch for Front Speaker. “L”: mute on
82	HUB-VBUS-DETECT	O	Hub Power (V-DET) Control Port
83	HUB-RESET	O	MTK Hub Board reset pin
84	/HUB-OC1	I	USB Overcurrent Detection input port 1
85	/HUB-OC2	I	USB Overcurrent Detection input port 2
86	AUDIO-DATA	O	Serial data transfer clock signal output to audio signal processor, R2A15216FP
87	AUDIO-CLK	O	Serial data output to audio signal processor, R2A15216FP
88	MTK-PWR-MONITOR	I	MTK DMB Board power monitor input pin (A/D input)
89	NO-USE	-	Unused
90	NO-USE	-	Unused
91	MIC_DATA_IN	I	VACS level detection (HCD-GTR777 and HCD-GTR888)
92	NO-USE	-	Unused
93	MODEL_DESTINATION-IN	I	Model and Destination setting terminal (A/D input)
94	AD-KEY1	I	Key input terminal (A/D input)
95	MASTER-VOLUME	I	Jog dial pulse input from the MASTER VOLUME encoder (A/D input)
96	AVSS	I	Ground terminal (for A/D conversion)
97	NO-USE	-	Unused
98	VREF	I	A/D Converter reference voltage input terminal (+3.3V)
99	AVCC	-	Power supply terminal (+3.3V) (for A/D conversion)
100	NO-USE	-	Unused

SECTION 6
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.
- Color Indication of Appearance Parts Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ Parts Color ↑ Cabinet's Color
- Abbreviation
  AR : Argentina model
  E2 : 120V AC area in E model
  E51 : Chilean and Peruvian models
  MX : Mexican model

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

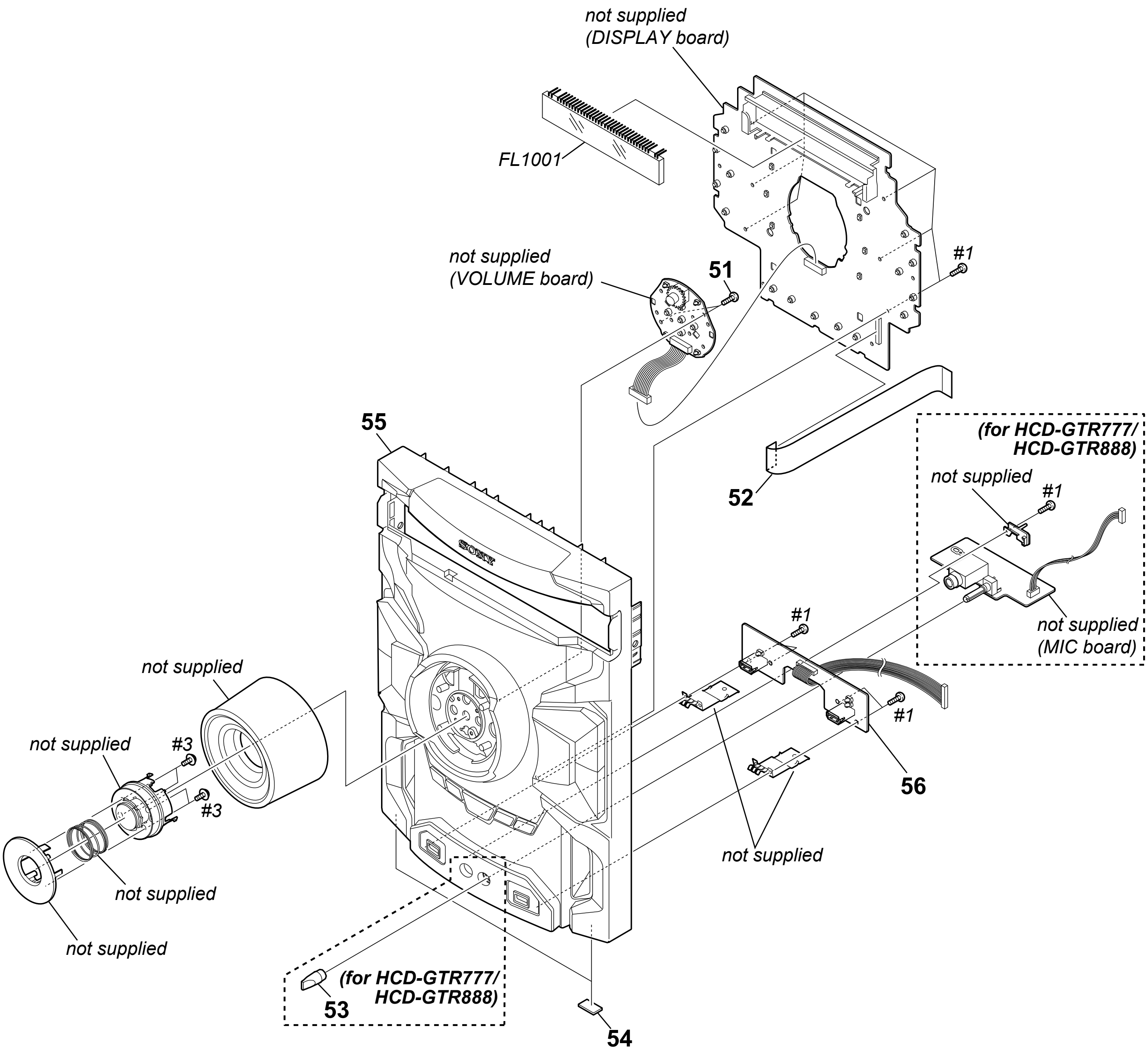
6-1. CASE SECTION



Note: If wire (flat type) is replaced, install it after bending it in the same form as that before replacement.

Ref. No.	Part No.	Description	Remark
1	4-265-363-02	PANEL, SIDE (L)	
2	4-265-364-02	PANEL, SIDE (R)	
3	4-265-361-02	PANEL, TOP	
4	X-2580-369-1	PANEL, LOADING (GTR333) ASSY (HCD-GTR333)	
4	X-2580-370-1	PANEL, LOADING (GTR555) ASSY (HCD-GTR555)	
4	X-2580-371-1	PANEL, LOADING (GTR777) ASSY (HCD-GTR777)	
4	X-2580-372-1	PANEL, LOADING (GTR888) ASSY (HCD-GTR888)	
5	2-677-839-01	+PWH 3X8 (SUMITITE)	
6	1-828-947-11	WIRE (FLAT TYPE) (7 CORE)	
#1	7-685-646-71	SCREW +BVTP 3X8 TYPE2 IT-3	
#2	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	

6-2. FRONT PANEL SECTION

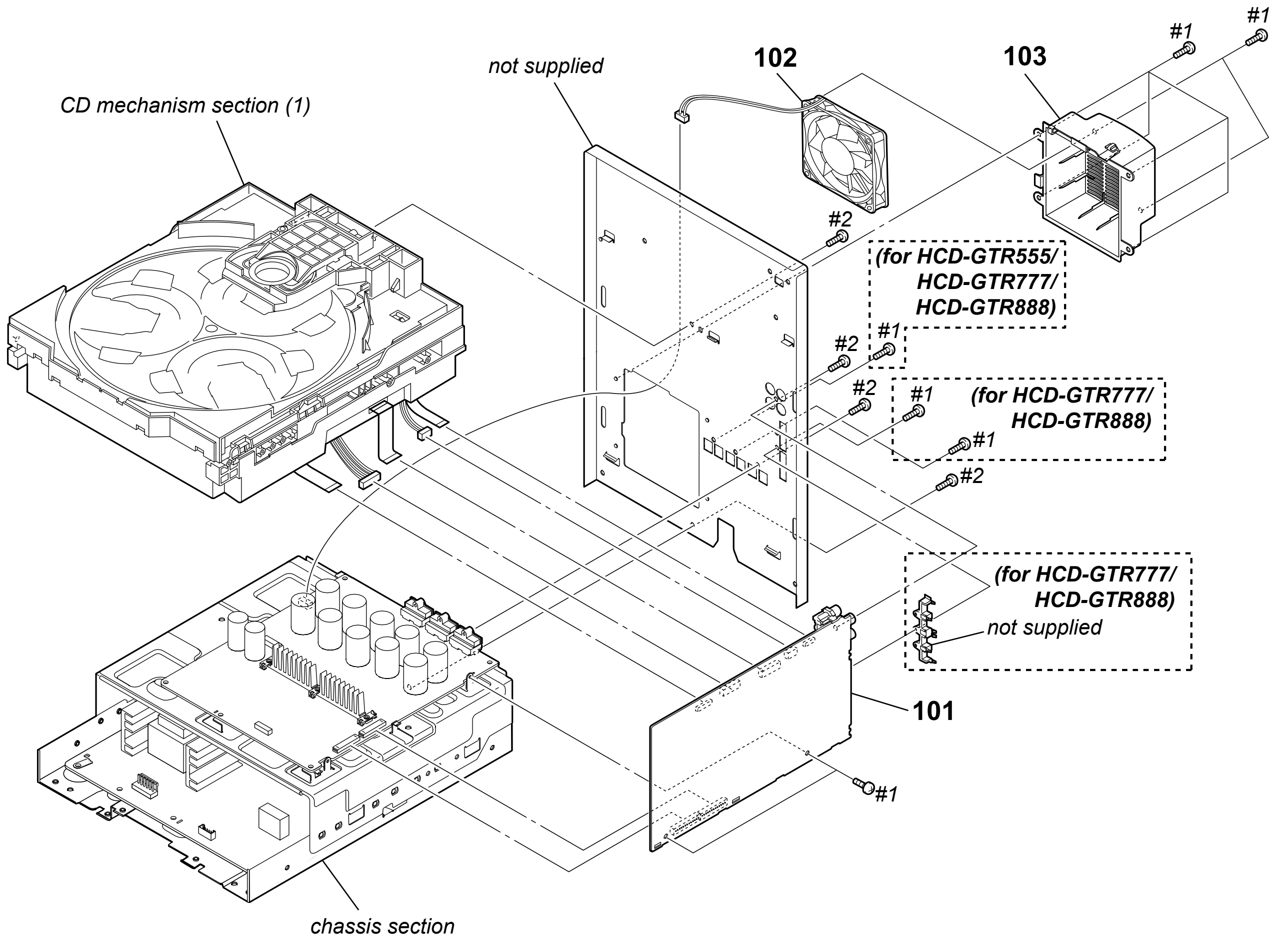


Note: If wire (flat type) is replaced, install it after bending it in the same form as that before replacement.

Ref. No.	Part No.	Description	Remark
51	3-087-053-01	+BVTP2.6 (3CR)	
52	1-828-995-11	WIRE (FLAT TYPE) (17 CORE)	
53	2-895-507-01	KNOB (MIC) (HCD-GTR777/HCD-GTR888)	
54	4-225-252-01	CUSHION (FOOT)	
55	X-2580-391-1	FRONT PANEL ASSY (GFX2) (HCD-GTR333/HCD-GTR555)	

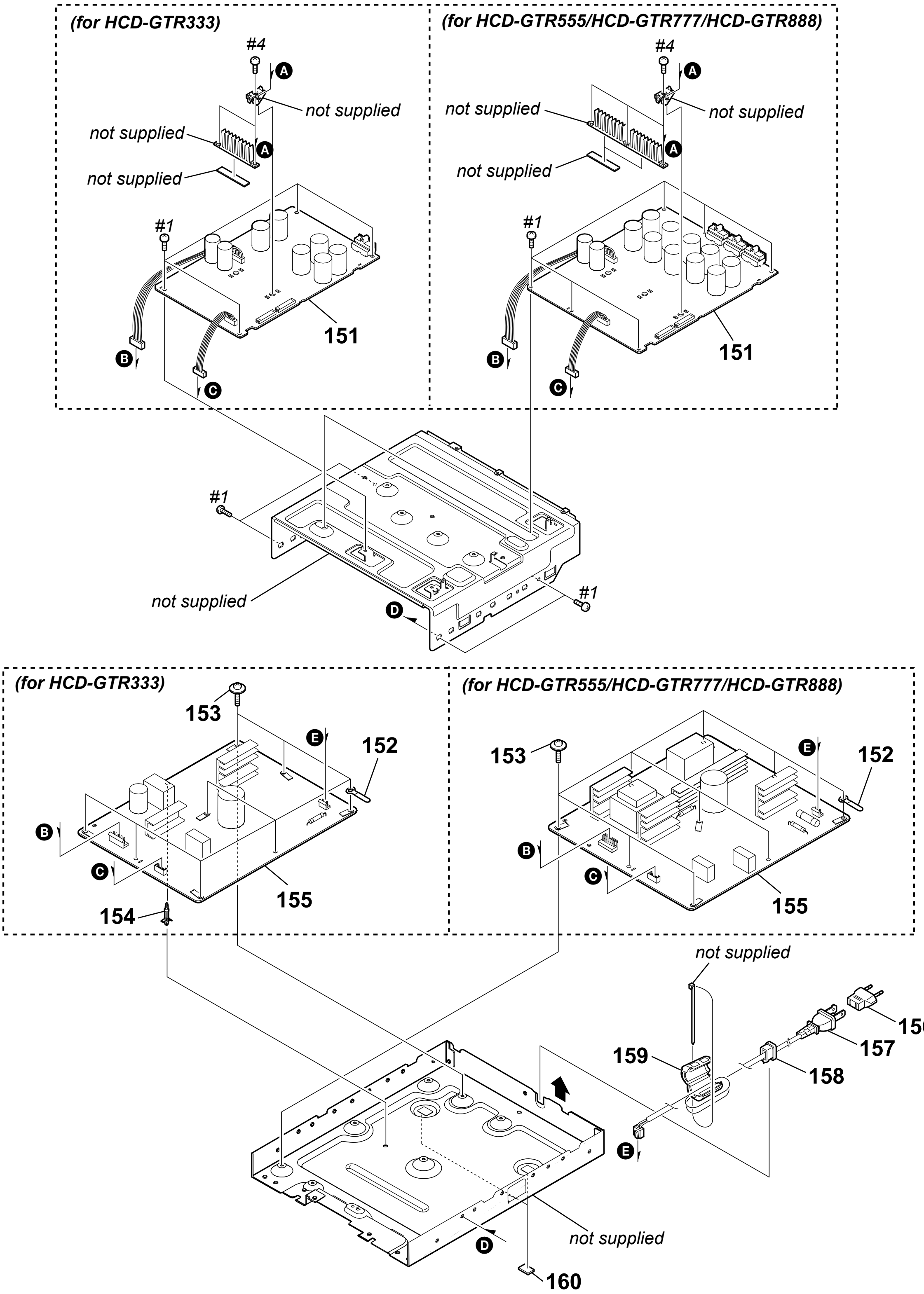
Ref. No.	Part No.	Description	Remark
55	X-2580-343-1	FRONT PANEL ASSY (GFX4S) (HCD-GTR777)	
55	X-2580-392-1	FRONT PANEL ASSY (GFX7S) (HCD-GTR888)	
56	A-1805-993-A	USB BOARD, COMPLETE	
#1	7-685-646-71	SCREW +BVTP 3X8 TYPE2 IT-3	
#3	7-685-000-12	TAPPING +PWH 2X4 TYPE2 N-S	

6-3. BACK PANEL SECTION



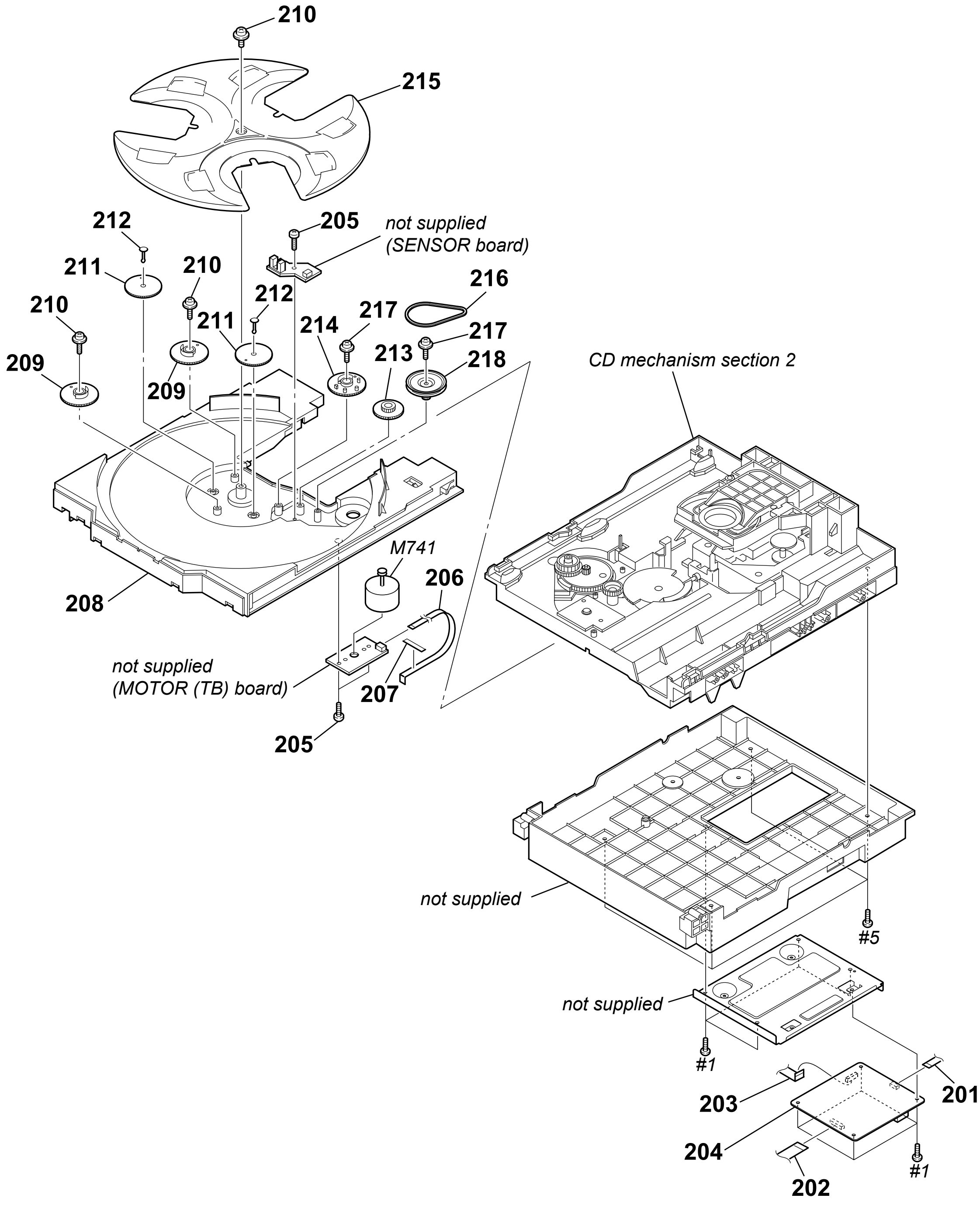
Ref. No.	Part No.	Description	Remark
101	A-1803-282-A	MAIN BOARD, COMPLETE (HCD-GTR555)	
101	A-1803-292-A	MAIN BOARD, COMPLETE (HCD-GTR333: E2, E51, MX, AR)	
101	A-1803-294-A	MAIN BOARD, COMPLETE (HCD-GTR777)	
101	A-1803-296-A	MAIN BOARD, COMPLETE (HCD-GTR888)	
⚠ 102	1-855-006-11	FAN, DC	
103	4-265-803-01	COVER, FAN	
#1	7-685-646-71	SCREW +BVTP 3X8 TYPE2 IT-3	
#2	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	

6-4. CHASSIS SECTION



Ref. No.	Part No.	Description	Remark
151	A-1806-039-A	2CH DAMP BOARD, COMPLETE (HCD-GTR333)	
151	A-1806-044-A	3CH DAMP BOARD, COMPLETE (HCD-GTR555)	
151	A-1806-049-A	3CH DAMP BOARD, COMPLETE (HCD-GTR777)	
151	A-1806-053-A	4CH DAMP BOARD, COMPLETE (HCD-GTR888)	
* 152	3-703-150-11	CLAMP	
153	2-677-839-01	+PWH 3X8 (SUMITITE)	
154	4-973-980-21	HOLDER, PC BOARD	
155	1-474-289-11	SWITCHING REGULATOR (HCD-GTR555/HCD-GTR777)	
155	1-474-290-11	SWITCHING REGULATOR (HCD-GTR888)	
155	1-474-291-11	SWITCHING REGULATOR (HCD-GTR333)	
⚠ 156	1-569-007-12	ADAPTOR, CONVERSION 2P (E2, E51)	
⚠ 157	1-837-312-11	CORD, POWER-SUPPLY (AR)	
⚠ 157	1-837-344-11	CORD, POWER-SUPPLY (EXCEPT AR)	
⚠ 158	4-966-267-12	BUSHING (FBS001), CORD	
159	1-457-369-12	CORE, FERRITE	
160	4-225-252-01	CUSHION (FOOT)	
#1	7-685-646-71	SCREW +BVTP 3X8 TYPE2 IT-3	
#4	7-685-874-09	SCREW +BVTT 3X12 (S)	

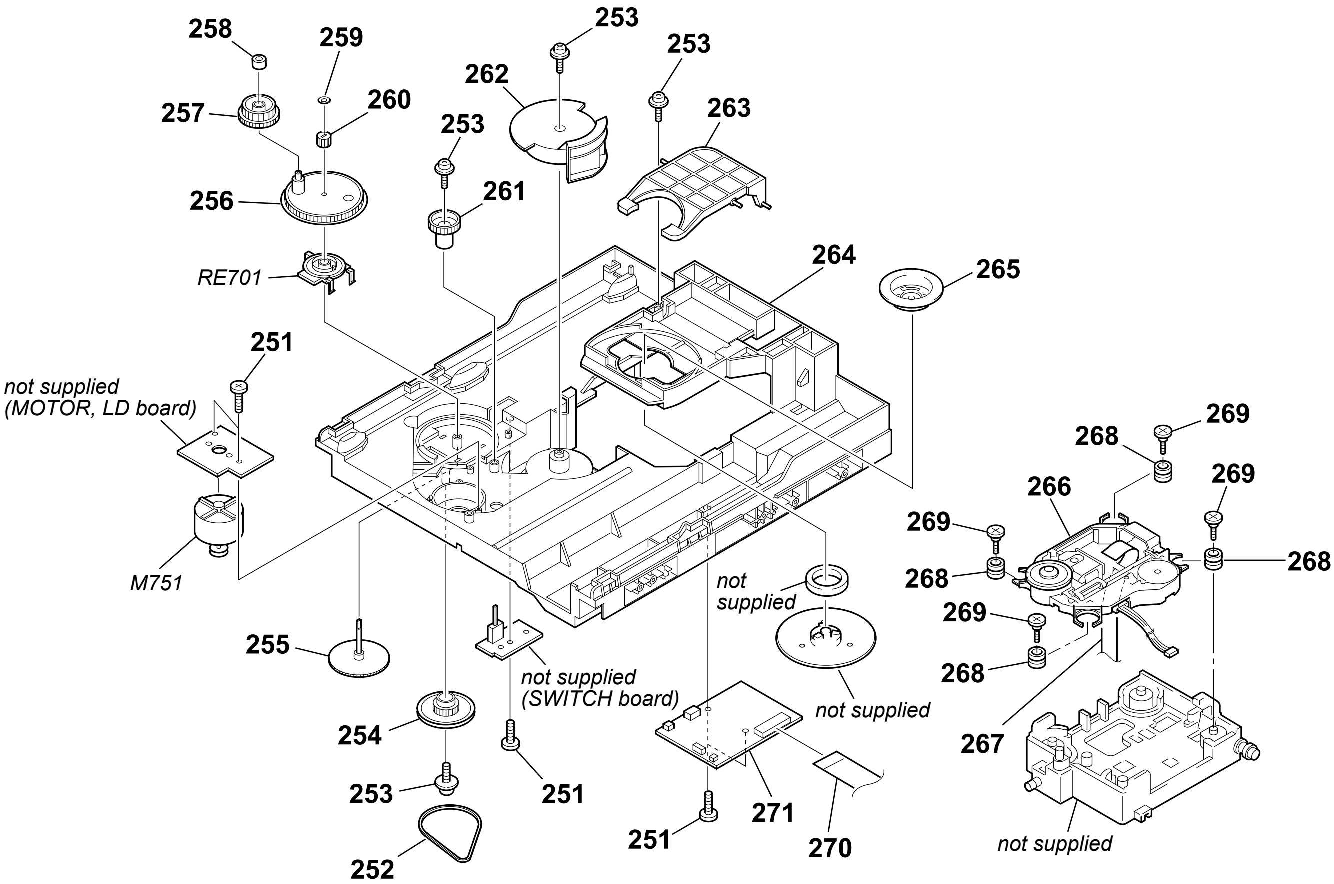
6-5. CD MECHANISM SECTION (1) (CDM74HFV-DVBU101)



Note: If wire (flat type) is replaced, install it after bending it in the same form as that before replacement.

Ref. No.	Part No.	Description	Remark
201	1-839-205-11	WIRE (FLAT TYPE) (7 CORE)	
202	1-839-206-11	WIRE (FLAT TYPE) (13 CORE)	
203	1-830-688-51	WIRE (FLAT TYPE) (24 CORE)	
204	A-1803-126-A	DMB21 BOARD, COMPLETE	
205	4-218-253-62	SCREW (M2.6), +BTTP	
206	1-828-938-51	WIRE (FLAT TYPE) (5 CORE)	
207	3-231-598-01	SHEET (BA)	
208	4-243-815-11	TABLE (LOADING)	
209	4-245-571-02	GEAR (STOPPER)	
210	4-218-252-61	SCREW (+PTPWH M2.6), FLOATING	
211	4-245-570-01	GEAR (JOINT)	
212	4-245-572-01	BUSHING (GEAR)	
213	4-243-820-01	GEAR (TABLE)	
214	4-243-819-01	GEAR (GENEVA)	
215	4-243-816-21	TRAY	
216	4-243-823-11	BELT (TABLE)	
217	4-985-672-01	SCREW (+PTPWH M2.6), FLOATING	
218	4-243-821-01	PULLEY (TABLE)	
M741	A-1108-965-A	MOTOR ASSY, TABLE	
#1	7-685-646-71	SCREW +BVTP 3X8 TYPE2 IT-3	
#5	7-685-647-71	SCREW +BVTP 3X10 TYPE2 IT-3	

6-6. CD MECHANISM SECTION (2)



Note: If wire (flat type) is replaced, install it after bending it in the same form as that before replacement.

Ref. No.	Part No.	Description	Remark
251	4-218-253-52	SCREW (M2.6), +BTTP	
252	4-244-034-11	BELT (LOADING)	
253	4-218-252-52	SCREW (+PTPWH M2.6), FLOATING	
254	4-225-844-01	GEAR (LOADING A)	
255	4-224-613-11	GEAR (SHAFT)	
256	4-244-108-01	GEAR, SWING	
257	4-224-609-01	GEAR (LOADING C)	
258	4-224-608-01	COLLAR, SWING	
259	3-016-533-11	WASHER (FR), STOPPER	
260	4-224-611-01	GEAR (LOADING B)	
261	4-224-606-01	GEAR (RV)	
262	4-243-818-01	GEAR (U/D)	

Ref. No.	Part No.	Description	Remark
263	2-541-918-01	LEVER (LIFTER (H))	
264	3-273-015-02	CHASSIS	
265	2-345-983-01	PULLEY B (310), CHUCKING	
266	8-820-322-04	DEVICE, OPTICAL KHM-313CAB/C2RP	
267	1-828-423-11	WIRE (FLAT TYPE) (24 CORE)	
268	2-634-618-01	INSULATOR	
269	3-087-599-01	INSULATOR SCREW	
270	1-828-971-11	WIRE (FLAT TYPE) (13 CORE)	
271	A-1103-756-B	DRIVER BOARD, COMPLETE	
M751	A-1143-804-A	MOTOR ASSY, LOADING	
RE701	1-477-680-12	ENCODER, ROTARY	

2CH DAMP

SECTION 7
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.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- CAPACITORS
  uF: μF
- COILS
  uH: μH
- SEMICONDUCTORS
  In each case, u: μ, for example:
  uA. . : μA. . , uPA. . , μPA. . ,
  uPB. . : μPB. . , uPC. . , μPC. . ,
  uPD. . : μPD. .
- Abbreviation
  AR : Argentina model
  E2 : 120V AC area in E model
  E51 : Chilean and Peruvian models
  MX : Mexican model

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

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

Ref. No.	Part No.	Description			Remark
	A-1806-039-A	2CH DAMP BOARD, COMPLETE (HCD-GTR333)			
		*************************			
		< CAPACITOR >			
C4000	1-126-935-11	ELECT	470uF	20%	16V
C4002	1-126-969-11	ELECT	220uF	20%	50V
C4003	1-126-969-11	ELECT	220uF	20%	50V
C4009	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4012	1-126-965-91	ELECT	22uF	20%	50V
C4013	1-126-965-91	ELECT	22uF	20%	50V
C4014	1-126-947-11	ELECT	47uF	20%	35V
C4017	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C4020	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C4025	1-128-582-11	ELECT	10uF	20%	100V
C4026	1-128-582-11	ELECT	10uF	20%	100V
C4027	1-128-582-11	ELECT	10uF	20%	100V
C4028	1-128-582-11	ELECT	10uF	20%	100V
C4038	1-126-947-11	ELECT	47uF	20%	35V
C4039	1-126-947-11	ELECT	47uF	20%	35V
C4041	1-137-909-91	CERAMIC CHIP	0.22uF	10%	35V
C4042	1-137-909-91	CERAMIC CHIP	0.22uF	10%	35V
C4047	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4048	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4049	1-126-947-11	ELECT	47uF	20%	35V
C4050	1-126-947-11	ELECT	47uF	20%	35V
C4051	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4054	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4074	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C4076	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C4079	1-126-964-11	ELECT	10uF	20%	50V
C4080	1-126-964-11	ELECT	10uF	20%	50V
C4089	1-124-499-11	ELECT	1uF	20%	50V
C4090	1-124-499-11	ELECT	1uF	20%	50V
C4097	1-127-811-11	ELECT (BLOCK)	3300uF	20%	50V
C4098	1-127-811-11	ELECT (BLOCK)	3300uF	20%	50V
C4099	1-127-811-11	ELECT (BLOCK)	3300uF	20%	50V
C4100	1-127-811-11	ELECT (BLOCK)	3300uF	20%	50V
C4102	1-116-881-11	CAP, METALIZED PP FILM		0.47MF	
C4104	1-116-881-11	CAP, METALIZED PP FILM		0.47MF	
C4105	1-126-964-11	ELECT	10uF	20%	50V
C4106	1-126-964-11	ELECT	10uF	20%	50V
C4107	1-126-964-11	ELECT	10uF	20%	50V
C4108	1-126-964-11	ELECT	10uF	20%	50V
C4125	1-126-964-11	ELECT	10uF	20%	50V
C4126	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4129	1-117-370-11	CERAMIC CHIP	10uF		10V
C4130	1-117-370-11	CERAMIC CHIP	10uF		10V
C4131	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C4132	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C4133	1-126-963-11	ELECT	4.7uF	20%	50V
C4139	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V
C4140	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V
C4146	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C4147	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C4160	1-126-964-11	ELECT	10uF	20%	50V
C4166	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
C4168	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
C4169	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
C4170	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
C4171	1-126-965-11	ELECT	22uF	20%	50V
C4172	1-126-965-11	ELECT	22uF	20%	50V
C4177	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C4178	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C4184	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C4188	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C4189	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C4190	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C4195	1-112-112-11	ELECT	1000uF	20%	100V
C4196	1-126-966-11	ELECT	33uF	20%	50V
C4198	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C4204	1-114-321-11	CERAMIC CHIP	0.0022uF	10%	50V
C4205	1-114-321-11	CERAMIC CHIP	0.0022uF	10%	50V
C4221	1-126-963-11	ELECT	4.7uF	20%	50V
C4505	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4506	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4507	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4508	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4513	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4514	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4517	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4518	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4519	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4522	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4523	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4528	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4529	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4530	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4531	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4534	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4535	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V

2CH DAMP

Ref. No.	Part No.	Description				Remark
C4540	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V	
C4541	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V	
C4542	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V	
C4543	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V	
C4544	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C4547	1-114-236-21	CERAMIC CHIP	22uF	10%	25V	
C4548	1-114-236-21	CERAMIC CHIP	22uF	10%	25V	
C4551	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V	
C4552	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V	
C4557	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V	
C4558	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V	
C4559	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V	
C4560	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V	
C4565	1-100-153-91	CERAMIC CHIP	220PF	5%	100V	
C4566	1-100-153-91	CERAMIC CHIP	220PF	5%	100V	
C4567	1-100-153-91	CERAMIC CHIP	220PF	5%	100V	
C4568	1-100-153-91	CERAMIC CHIP	220PF	5%	100V	
C4573	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V	
C4576	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V	
C4578	1-164-935-11	CERAMIC CHIP	470PF	10%	50V	
C4579	1-164-874-11	CERAMIC CHIP	100PF	5%	50V	
C4580	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
		< CONNECTOR >				
CN4000	1-842-652-11	CONNECTOR, BOARD TO BOARD 14P				
* CN4001	1-774-246-11	CONNECTOR, BOARD TO BOARD 10P				
* CN4004	1-564-506-11	PLUG, CONNECTOR 3P				
		< DIODE >				
D4000	6-503-021-01	DI DZ2J10000L				
D4001	6-503-021-01	DI DZ2J10000L				
D4002	6-502-976-01	DI DZ2J150M0L				
D4003	6-502-976-01	DI DZ2J150M0L				
D4004	6-502-976-01	DI DZ2J150M0L				
D4005	6-502-976-01	DI DZ2J150M0L				
D4006	6-502-966-01	DI DZ2J056M0L				
D4009	6-502-966-01	DI DZ2J056M0L				
D4010	6-503-469-01	DI RF05VA2STR				
D4011	6-503-469-01	DI RF05VA2STR				
D4014	6-500-335-01	DIODE MC2838-T112-1				
D4015	6-500-335-01	DIODE MC2838-T112-1				
D4017	6-502-966-01	DI DZ2J056M0L				
D4018	6-502-970-01	DI DZ2J068M0L				
D4022	6-500-335-01	DIODE MC2838-T112-1				
D4023	6-502-976-01	DI DZ2J150M0L				
D4024	6-500-334-01	DIODE MC2836-T112-1				
D4025	6-502-976-01	DI DZ2J150M0L				
D4026	6-502-976-01	DI DZ2J150M0L				
D4027	6-502-976-01	DI DZ2J150M0L				
D4028	6-500-335-01	DIODE MC2838-T112-1				
D4029	6-500-334-01	DIODE MC2836-T112-1				
D4047	6-500-335-01	DIODE MC2838-T112-1				
D4048	6-500-335-01	DIODE MC2838-T112-1				
D4050	6-503-021-01	DI DZ2J10000L				
D4501	6-502-961-01	DI DA2J10100L				
D4503	6-502-961-01	DI DA2J10100L				
D4504	6-502-961-01	DI DA2J10100L				
D4510	6-503-469-01	DI RF05VA2STR				
D4511	6-503-469-01	DI RF05VA2STR				
D4513	6-503-469-01	DI RF05VA2STR				

Ref. No.	Part No.	Description		Remark
D4514	6-503-469-01	DI RF05VA2STR		
		< EARTH TERMINAL >		
ET4000	1-537-771-21	TERMINAL BOARD, GROUND		
		< IC >		
IC4400	6-717-488-01	IC BA4580RF-E2		
IC4401	6-716-739-01	IC BD00GC0WEFJ-SE2		
IC4402	8-759-982-17	IC RC7818FA		
IC4403	8-759-982-42	IC RC7918FA		
IC4407	8-759-394-76	IC NJM2068M-D-TE2		
IC4900	8-759-338-95	IC NJM2903V (TE2)		
IC4903	6-716-579-01	IC IRS2092STRPBF		
IC4904	6-716-579-01	IC IRS2092STRPBF		
IC4905	6-717-488-01	IC BA4580RF-E2		
		< COIL >		
L4000	1-460-390-11	INDUCTOR	10UH	
L4003	1-460-390-11	INDUCTOR	10UH	
L4004	1-457-078-11	AIR-CORE COIL		
L4005	1-457-078-11	AIR-CORE COIL		
L4006	1-457-078-11	AIR-CORE COIL		
L4007	1-457-078-11	AIR-CORE COIL		
L4012	1-456-509-21	INDUCTOR	10UH	
L4500	1-414-406-11	INDUCTOR	220UH	
		< TRANSISTOR >		
Q4003	6-552-812-01	TR	KTC1027-Y-AT/P	
Q4004	6-552-810-01	TR	KTA1023-Y-AT/P	
Q4007	8-729-045-02	TRANSISTOR	KTC3200GR-AT	
Q4008	6-552-811-01	TR	KTA1268-Y-AT/P	
Q4009	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
Q4010	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
Q4011	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
Q4012	8-729-045-02	TRANSISTOR	KTC3200GR-AT	
Q4013	6-552-811-01	TR	KTA1268-Y-AT/P	
Q4014	6-551-699-01	TR	ISA1602AM1-T111-1EF	
Q4015	6-551-699-01	TR	ISA1602AM1-T111-1EF	
Q4016	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
Q4017	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
Q4020	6-551-270-01	TRANSISTOR	2SA2026	
Q4021	6-551-270-01	TRANSISTOR	2SA2026	
Q4026	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
Q4027	8-729-036-86	TRANSISTOR	KTC3203Y-AT	
Q4032	6-551-270-01	TRANSISTOR	2SA2026	
Q4033	6-551-270-01	TRANSISTOR	2SA2026	
Q4034	6-551-270-01	TRANSISTOR	2SA2026	
Q4035	6-551-270-01	TRANSISTOR	2SA2026	
Q4036	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
Q4037	6-552-681-01	TR	RT3NDDM-T111-1	
Q4052	8-729-038-23	TRANSISTOR	RT1N141C-TP-1	
Q4053	8-729-028-83	TRANSISTOR	DTA124EUA-T106	
Q4056	6-552-681-01	TR	RT3NDDM-T111-1	
Q4057	8-729-027-23	TRANSISTOR	DTA114EKA-T146	
Q4060	8-729-028-83	TRANSISTOR	DTA124EUA-T106	
Q4061	8-729-038-37	TRANSISTOR	RT1N141M-TP-1	
Q4062	8-729-027-23	TRANSISTOR	DTA114EKA-T146	
Q4063	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
Q4064	6-551-268-01	TRANSISTOR	2SC5625	
Q4065	6-551-270-01	TRANSISTOR	2SA2026	

2CH DAMP

Ref. No.	Part No.	Description			Remark
Q4066	6-551-268-01	TRANSISTOR	2SC5625		
Q4067	6-551-270-01	TRANSISTOR	2SA2026		
Q4068	6-551-270-01	TRANSISTOR	2SA2026		
Q4069	6-551-268-01	TRANSISTOR	2SC5625		
Q4070	6-551-270-01	TRANSISTOR	2SA2026		
Q4071	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q4500	6-551-268-01	TRANSISTOR	2SC5625		
Q4501	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q4506	6-551-270-01	TRANSISTOR	2SA2026		
Q4507	6-551-270-01	TRANSISTOR	2SA2026		
Q4510	8-729-620-13	TRANSISTOR	2SC4154TP-1EF		
Q4511	8-729-620-13	TRANSISTOR	2SC4154TP-1EF		
Q4514	(Not supplied)	TR	IRF6665TR1PBF		
Q4515	(Not supplied)	TR	IRF6665TR1PBF		
Q4518	(Not supplied)	TR	IRF6665TR1PBF		
Q4519	(Not supplied)	TR	IRF6665TR1PBF		
Q4524	8-729-038-23	TRANSISTOR	RT1N141C-TP-1		
		< RESISTOR >			
R4004	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4005	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4008	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4009	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4031	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R4032	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4033	1-220-221-11	METAL CHIP	100	5%	1/2W
R4034	1-220-221-11	METAL CHIP	100	5%	1/2W
R4037	1-220-273-11	METAL CHIP	1K	5%	1/2W
R4038	1-220-273-11	METAL CHIP	1K	5%	1/2W
R4040	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4043	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4046	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4047	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4048	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4049	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4051	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4052	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4055	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R4056	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R4057	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R4058	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R4061	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4066	1-220-222-11	METAL CHIP	4.7K	5%	1/2W
R4068	1-220-222-11	METAL CHIP	4.7K	5%	1/2W
R4070	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4075	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4076	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4077	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4078	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4079	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4082	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4083	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4084	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4086	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4088	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4089	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R4090	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R4099	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4100	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4103	1-216-821-11	METAL CHIP	1K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R4104	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4107	1-216-809-11	METAL CHIP	100	5%	1/10W
R4109	1-216-809-11	METAL CHIP	100	5%	1/10W
R4115	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4116	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4119	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4120	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4123	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4124	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4129	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4130	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4133	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4134	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4137	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4138	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4141	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4142	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4145	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4146	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4149	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4150	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4153	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4154	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4155	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R4156	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4157	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4158	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R4159	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4160	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4161	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4168	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4171	1-216-855-11	METAL CHIP	680K	5%	1/10W
R4172	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4173	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4177	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4179	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4186	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4187	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4194	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4195	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R4196	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R4197	1-216-789-11	METAL CHIP	2.2	5%	1/10W
R4198	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R4199	1-220-273-11	METAL CHIP	1K	5%	1/2W
R4200	1-220-273-11	METAL CHIP	1K	5%	1/2W
R4201	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4202	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4203	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4204	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4205	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4206	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4207	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4208	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4209	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4210	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4211	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4212	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4213	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4216	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4226	1-216-833-11	METAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R4227	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4232	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R4235	1-216-864-11	SHORT CHIP	0		
R4236	1-216-864-11	SHORT CHIP	0		
R4237	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4238	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4262	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4263	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4264	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4265	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4266	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4267	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4270	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4271	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4272	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4273	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4276	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4277	1-216-835-11	METAL CHIP	15K	5%	1/10W
R4278	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4279	1-216-835-11	METAL CHIP	15K	5%	1/10W
R4281	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4282	1-216-809-11	METAL CHIP	100	5%	1/10W
R4283	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4284	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4289	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R4290	1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R4293	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4294	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4295	1-216-834-11	METAL CHIP	12K	5%	1/10W
R4296	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4297	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4298	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4299	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4300	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4301	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4302	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4303	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4304	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4305	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4306	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4307	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4308	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4309	1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R4310	1-216-836-11	METAL CHIP	18K	5%	1/10W
R4313	1-216-836-11	METAL CHIP	18K	5%	1/10W
R4500	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4501	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4502	1-218-969-11	METAL CHIP	22K	5%	1/16W
R4503	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4504	1-218-977-11	METAL CHIP	100K	5%	1/16W
R4514	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4515	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4516	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4517	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4521	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4522	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4525	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4528	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4529	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4534	1-216-827-11	METAL CHIP	3.3K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R4535	1-218-981-91	METAL CHIP	220K	5%	1/16W
R4536	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R4537	1-218-981-91	METAL CHIP	220K	5%	1/16W
R4538	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4541	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4542	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4546	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4547	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4548	1-208-893-11	METAL CHIP	1.8K	0.5%	1/16W
R4552	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R4553	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R4556	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4557	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4562	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R4563	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R4564	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R4565	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R4572	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W
R4573	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R4574	1-218-971-11	METAL CHIP	33K	5%	1/16W
R4575	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W
R4576	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R4577	1-218-971-11	METAL CHIP	33K	5%	1/16W
R4582	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4583	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4584	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4585	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4588	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4589	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4593	1-218-971-11	METAL CHIP	33K	5%	1/16W
R4595	1-218-971-11	METAL CHIP	33K	5%	1/16W
R4600	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4601	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4604	1-216-797-11	METAL CHIP	10	5%	1/10W
R4605	1-216-797-11	METAL CHIP	10	5%	1/10W
R4607	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4608	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4614	1-216-797-11	METAL CHIP	10	5%	1/10W
R4615	1-216-797-11	METAL CHIP	10	5%	1/10W
R4616	1-216-797-11	METAL CHIP	10	5%	1/10W
R4617	1-216-797-11	METAL CHIP	10	5%	1/10W
R4620	1-216-797-11	METAL CHIP	10	5%	1/10W
R4621	1-216-797-11	METAL CHIP	10	5%	1/10W
R4624	1-250-312-21	METAL CHIP	10	5%	1/2W
R4625	1-250-312-21	METAL CHIP	10	5%	1/2W
R4628	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4629	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4633	1-216-819-11	METAL CHIP	680	5%	1/10W
R4635	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R4636	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R4656	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4664	1-216-864-11	SHORT CHIP	0		
R4666	1-216-864-11	SHORT CHIP	0		
		< RELAY >			
RY4000	1-755-307-21	RELAY			
RY4001	1-755-307-21	RELAY			
		< TERMINAL >			
TB4001	1-780-893-11	TERMINAL BOARD (FRONT SPEAKER)			

2CH DAMP **3CH DAMP**

Ref. No.	Part No.	Description				Remark
		< THERMISTOR >				
TH4502	1-804-045-11	THERMISTOR				
TH4503	1-804-045-11	THERMISTOR				

****

Ref. No.	Part No.	Description				Remark
	A-1806-044-A	3CH DAMP BOARD, COMPLETE (HCD-GTR555)				
	A-1806-049-A	3CH DAMP BOARD, COMPLETE (HCD-GTR777)				
		*************************				
		< CAPACITOR >				
C4000	1-126-935-11	ELECT	470uF	20%	16V	
C4002	1-126-969-11	ELECT	220uF	20%	50V	
C4003	1-126-969-11	ELECT	220uF	20%	50V	
C4009	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C4012	1-126-965-91	ELECT	22uF	20%	50V	
C4013	1-126-965-91	ELECT	22uF	20%	50V	
C4014	1-126-947-11	ELECT	47uF	20%	35V	
C4017	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C4020	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C4025	1-128-582-11	ELECT	10uF	20%	100V	
C4026	1-128-582-11	ELECT	10uF	20%	100V	
C4027	1-128-582-11	ELECT	10uF	20%	100V	
C4028	1-128-582-11	ELECT	10uF	20%	100V	
C4029	1-128-582-11	ELECT	10uF	20%	100V	
C4030	1-128-582-11	ELECT	10uF	20%	100V	
C4038	1-126-947-11	ELECT	47uF	20%	35V	
C4039	1-126-947-11	ELECT	47uF	20%	35V	
C4041	1-137-909-91	CERAMIC CHIP	0.22uF	10%	35V	
C4042	1-137-909-91	CERAMIC CHIP	0.22uF	10%	35V	
C4047	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V	
C4048	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V	
C4049	1-126-947-11	ELECT	47uF	20%	35V	
C4050	1-126-947-11	ELECT	47uF	20%	35V	
C4051	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C4052	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C4053	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C4054	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C4055	1-126-947-11	ELECT	47uF	20%	35V	
C4056	1-126-947-11	ELECT	47uF	20%	35V	
C4057	1-137-909-91	CERAMIC CHIP	0.22uF	10%	35V	
C4058	1-137-909-91	CERAMIC CHIP	0.22uF	10%	35V	
C4067	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V	
C4068	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V	
C4071	1-218-866-11	ELECT	47uF	20%	35V	
C4072	1-218-866-11	ELECT	47uF	20%	35V	
C4073	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	
C4074	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	
C4076	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	
C4077	1-126-964-11	ELECT	10uF	20%	50V	
C4079	1-126-964-11	ELECT	10uF	20%	50V	
C4080	1-126-964-11	ELECT	10uF	20%	50V	
C4089	1-124-499-11	ELECT	1uF	20%	50V	
C4090	1-124-499-11	ELECT	1uF	20%	50V	
C4092	1-124-499-11	ELECT	1uF	20%	50V	
C4101	1-116-881-11	CAP, METALIZED PP FILM		0.47MF		
C4102	1-116-881-11	CAP, METALIZED PP FILM		0.47MF		
C4104	1-116-881-11	CAP, METALIZED PP FILM		0.47MF		
C4105	1-126-964-11	ELECT	10uF	20%	50V	
C4106	1-126-964-11	ELECT	10uF	20%	50V	
C4107	1-126-964-11	ELECT	10uF	20%	50V	
C4108	1-126-964-11	ELECT	10uF	20%	50V	
C4125	1-126-964-11	ELECT	10uF	20%	50V	
C4126	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C4128	1-117-370-11	CERAMIC CHIP	10uF		10V	
C4129	1-117-370-11	CERAMIC CHIP	10uF		10V	
C4130	1-117-370-11	CERAMIC CHIP	10uF		10V	
C4131	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C4132	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C4133	1-126-963-11	ELECT	4.7uF	20%	50V	
C4135	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V	(HCD-GTR777)
C4136	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V	
C4139	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V	(HCD-GTR777)
C4140	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V	(HCD-GTR777)
C4143	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V	
C4144	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V	
C4146	1-100-831-91	CERAMIC CHIP	0.001uF	2%	50V	
C4147	1-100-831-91	CERAMIC CHIP	0.001uF	2%	50V	
C4152	1-127-812-11	ELECT (BLOCK)	3300uF	20%	63V	
C4153	1-127-812-11	ELECT (BLOCK)	3300uF	20%	63V	
C4154	1-127-812-11	ELECT (BLOCK)	3300uF	20%	63V	
C4155	1-127-812-11	ELECT (BLOCK)	3300uF	20%	63V	
C4156	1-127-812-11	ELECT (BLOCK)	3300uF	20%	63V	
C4157	1-127-812-11	ELECT (BLOCK)	3300uF	20%	63V	
C4160	1-126-964-11	ELECT	10uF	20%	50V	
C4164	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	
C4166	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	
C4168	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	
C4169	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	
C4170	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	
C4171	1-126-965-11	ELECT	22uF	20%	50V	
C4172	1-126-965-11	ELECT	22uF	20%	50V	
C4177	1-100-831-91	CERAMIC CHIP	0.001uF	2%	50V	
C4178	1-100-831-91	CERAMIC CHIP	0.001uF	2%	50V	
C4180	1-100-831-91	CERAMIC CHIP	0.001uF	2%	50V	
C4184	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C4186	1-100-831-91	CERAMIC CHIP	0.001uF	2%	50V	
C4187	1-100-831-91	CERAMIC CHIP	0.001uF	2%	50V	
C4188	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	
C4189	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	
C4190	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C4195	1-112-112-11	ELECT	1000uF	20%	100V	
C4196	1-126-966-11	ELECT	33uF	20%	50V	
C4198	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C4203	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V	
C4204	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V	
C4205	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V	
C4215	1-114-329-11	CERAMIC CHIP	0.47uF	10%	50V	(HCD-GTR777)
C4216	1-114-329-11	CERAMIC CHIP	0.47uF	10%	50V	(HCD-GTR777)
C4221	1-126-967-11	ELECT	47uF	20%	50V	
C4503	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C4504	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C4505	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C4506	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C4507	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C4508	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C4512	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V	

Ref. No.	Part No.	Description			Remark
C4513	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4514	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4516	1-100-831-91	CERAMIC CHIP	0.001uF	2%	50V
C4517	1-100-831-91	CERAMIC CHIP	0.001uF	2%	50V
C4518	1-100-831-91	CERAMIC CHIP	0.001uF	2%	50V
C4519	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4521	1-100-831-91	CERAMIC CHIP	0.001uF	2%	50V
C4522	1-100-831-91	CERAMIC CHIP	0.001uF	2%	50V
C4523	1-100-831-91	CERAMIC CHIP	0.001uF	2%	50V
C4526	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4527	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4528	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4529	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4530	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4531	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4533	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4534	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4535	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4538	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4539	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4540	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4541	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4542	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4543	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4544	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4546	1-114-236-21	CERAMIC CHIP	22uF	10%	25V
C4547	1-114-236-21	CERAMIC CHIP	22uF	10%	25V
C4548	1-114-236-21	CERAMIC CHIP	22uF	10%	25V
C4550	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C4551	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C4552	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C4555	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4556	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4557	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4558	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4559	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4560	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4563	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4564	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4565	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4566	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4567	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4568	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4572	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
C4573	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
C4576	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
C4578	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
C4579	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4580	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C4581	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN4000	1-842-652-11	CONNECTOR, BOARD TO BOARD 14P			
CN4001	1-842-650-11	CONNECTOR, BOARD TO BOARD 12P			
* CN4004	1-564-506-11	PLUG, CONNECTOR 3P			
		< DIODE >			
D4000	6-503-021-01	DI DZ2J10000L			
D4001	6-503-021-01	DI DZ2J10000L			
D4002	6-502-976-01	DI DZ2J150M0L			

Ref. No.	Part No.	Description	Remark
D4003	6-502-976-01	DI DZ2J150M0L	
D4004	6-502-976-01	DI DZ2J150M0L	
D4005	6-502-976-01	DI DZ2J150M0L	
D4006	6-502-976-01	DI DZ2J150M0L	
D4007	6-502-976-01	DI DZ2J150M0L	
D4008	6-502-976-01	DI DZ2J150M0L	
D4009	6-502-976-01	DI DZ2J150M0L	
D4010	6-503-469-01	DI RF05VA2STR	
D4011	6-503-469-01	DI RF05VA2STR	
D4013	6-503-469-01	DI RF05VA2STR	
D4014	6-500-335-01	DIODE MC2838-T112-1	
D4015	6-500-335-01	DIODE MC2838-T112-1	
D4017	6-502-966-01	DI DZ2J056M0L	
D4018	6-502-970-01	DI DZ2J068M0L	
D4022	6-500-335-01	DIODE MC2838-T112-1	
D4023	6-502-976-01	DI DZ2J150M0L	
D4024	6-500-334-01	DIODE MC2836-T112-1	
D4025	6-502-976-01	DI DZ2J150M0L	
D4026	6-502-976-01	DI DZ2J150M0L	
D4027	6-502-976-01	DI DZ2J150M0L	
D4028	6-500-335-01	DIODE MC2838-T112-1	
D4029	6-500-334-01	DIODE MC2836-T112-1	
D4037	6-503-021-01	DI DZ2J10000L	
D4038	6-503-021-01	DI DZ2J10000L	
D4039	6-503-021-01	DI DZ2J10000L	
D4040	6-503-021-01	DI DZ2J10000L	
D4046	6-500-335-01	DIODE MC2838-T112-1	
D4047	6-500-335-01	DIODE MC2838-T112-1	
D4048	6-500-335-01	DIODE MC2838-T112-1	
D4050	6-503-021-01	DI DZ2J10000L	
D4500	6-502-961-01	DI DA2J10100L	
D4501	6-502-961-01	DI DA2J10100L	
D4503	6-502-961-01	DI DA2J10100L	
D4504	6-502-961-01	DI DA2J10100L	
D4505	6-502-961-01	DI DA2J10100L	
D4509	6-503-469-01	DI RF05VA2STR	
D4510	6-503-469-01	DI RF05VA2STR	
D4511	6-503-469-01	DI RF05VA2STR	
D4512	6-503-469-01	DI RF05VA2STR	
D4513	6-503-469-01	DI RF05VA2STR	
D4514	6-503-469-01	DI RF05VA2STR	
		< EARTH TERMINAL >	
ET4000	1-537-771-21	TERMINAL BOARD, GROUND	
		< IC >	
IC4400	6-717-488-01	IC BA4580RF-E2	
IC4401	6-716-739-01	IC BD00GC0WEFJ-SE2	
IC4402	8-759-982-17	IC RC7818FA	
IC4403	8-759-982-42	IC RC7918FA	
IC4404	6-717-138-01	IC KIA7805AF-RTF/PW	
IC4405	6-717-136-01	IC KIA7905F-RTF/PW	
IC4406	8-759-394-76	IC NJM2068M-D-TE2	
IC4407	8-759-394-76	IC NJM2068M-D-TE2	
IC4900	8-759-338-95	IC NJM2903V (TE2)	
IC4902	6-716-579-01	IC IRS2092STRPBF	
IC4903	6-716-579-01	IC IRS2092STRPBF	
IC4904	6-716-579-01	IC IRS2092STRPBF	
IC4905	6-717-488-01	IC BA4580RF-E2	
IC4906	6-717-488-01	IC BA4580RF-E2	

3CH DAMP

Ref. No.	Part No.	Description				Remark
		< COIL >				
L4000	1-460-390-11	INDUCTOR	10UH			
L4001	1-460-390-11	INDUCTOR	10UH			
L4003	1-460-390-11	INDUCTOR	10UH			
L4004	1-457-078-11	AIR-CORE COIL				
L4005	1-457-078-11	AIR-CORE COIL				
L4006	1-457-078-11	AIR-CORE COIL				
L4007	1-457-078-11	AIR-CORE COIL				
L4008	1-457-078-11	AIR-CORE COIL				
L4011	1-457-078-11	AIR-CORE COIL				
L4012	1-456-509-21	INDUCTOR	10UH			
L4500	1-414-406-11	INDUCTOR	220UH			
		< TRANSISTOR >				
Q4003	6-552-812-01	TR	KTC1027-Y-AT/P			
Q4004	6-552-810-01	TR	KTA1023-Y-AT/P			
Q4007	8-729-045-02	TRANSISTOR	KTC3200GR-AT			
Q4008	6-552-811-01	TR	KTA1268-Y-AT/P			
Q4009	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q4010	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q4011	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q4012	6-552-812-01	TR	KTC1027-Y-AT/P			
Q4013	6-552-810-01	TR	KTA1023-Y-AT/P			
Q4014	6-551-699-01	TR	ISA1602AM1-T111-1EF			
Q4015	6-551-699-01	TR	ISA1602AM1-T111-1EF			
Q4016	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q4017	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q4019	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q4020	6-551-270-01	TRANSISTOR	2SA2026			
Q4021	6-551-270-01	TRANSISTOR	2SA2026			
Q4023	6-551-270-01	TRANSISTOR	2SA2026			
Q4026	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q4027	8-729-036-86	TRANSISTOR	KTC3203Y-AT			
Q4030	6-551-270-01	TRANSISTOR	2SA2026			
Q4031	6-551-270-01	TRANSISTOR	2SA2026			
Q4032	6-551-270-01	TRANSISTOR	2SA2026			
Q4033	6-551-270-01	TRANSISTOR	2SA2026			
Q4034	6-551-270-01	TRANSISTOR	2SA2026			
Q4035	6-551-270-01	TRANSISTOR	2SA2026			
Q4036	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q4037	6-552-681-01	TR	RT3NDDM-T111-1			
Q4038	6-550-260-01	TRANSISTOR	RT1N237M-TP-1			
Q4052	8-729-038-37	TRANSISTOR	RT1N141M-TP-1			
Q4053	8-729-028-83	TRANSISTOR	DTA124EUA-T106			
Q4056	6-552-681-01	TR	RT3NDDM-T111-1			
Q4057	8-729-027-23	TRANSISTOR	DTA114EKA-T146			
Q4058	6-552-812-01	TR	KTC1027-Y-AT/P			
Q4059	6-552-810-01	TR	KTA1023-Y-AT/P			
Q4060	8-729-028-83	TRANSISTOR	DTA124EUA-T106			
Q4061	8-729-038-37	TRANSISTOR	RT1N141M-TP-1			
Q4062	8-729-027-23	TRANSISTOR	DTA114EKA-T146			
Q4063	8-729-620-13	TRANSISTOR	2SC4154TP-1EF			
Q4064	6-551-268-01	TRANSISTOR	2SC5625			
Q4065	6-551-270-01	TRANSISTOR	2SA2026			
Q4066	6-551-268-01	TRANSISTOR	2SC5625			
Q4067	6-551-270-01	TRANSISTOR	2SA2026			
Q4068	6-551-270-01	TRANSISTOR	2SA2026			
Q4069	6-551-268-01	TRANSISTOR	2SC5625			
Q4070	6-551-270-01	TRANSISTOR	2SA2026			
Q4071	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q4500	6-551-268-01	TRANSISTOR	2SC5625			
Q4501	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q4505	6-551-270-01	TRANSISTOR	2SA2026			
Q4506	6-551-270-01	TRANSISTOR	2SA2026			
Q4507	6-551-270-01	TRANSISTOR	2SA2026			
Q4509	8-729-620-13	TRANSISTOR	2SC4154TP-1EF			
Q4510	8-729-620-13	TRANSISTOR	2SC4154TP-1EF			
Q4511	8-729-620-13	TRANSISTOR	2SC4154TP-1EF			
Q4512	6-552-698-01	TR	IRF6775MTR1PBF			
Q4513	6-552-698-01	TR	IRF6775MTR1PBF			
Q4514	6-552-698-01	TR	IRF6775MTR1PBF			
Q4515	6-552-698-01	TR	IRF6775MTR1PBF			
Q4518	6-552-698-01	TR	IRF6775MTR1PBF			
Q4519	6-552-698-01	TR	IRF6775MTR1PBF			
Q4524	8-729-038-23	TRANSISTOR	RT1N141C-TP-1			
		< RESISTOR >				
R4004	1-218-887-11	METAL CHIP	47K	0.5%	1/10W	
R4005	1-218-887-11	METAL CHIP	47K	0.5%	1/10W	
R4008	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R4009	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R4031	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	
R4032	1-218-887-11	METAL CHIP	47K	0.5%	1/10W	
R4033	1-227-869-21	METAL CHIP	100	5%	1/2W	
R4034	1-227-869-21	METAL CHIP	100	5%	1/2W	
R4037	1-218-326-11	METAL CHIP	470	5%	1/2W	
R4038	1-218-326-11	METAL CHIP	470	5%	1/2W	
R4040	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R4043	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R4045	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R4046	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R4047	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R4048	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R4049	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R4051	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R4052	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R4061	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R4063	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R4066	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R4068	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R4069	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R4070	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R4071	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	
R4072	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	
R4075	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	(HCD-GTR555)
R4075	1-216-834-11	METAL CHIP	12K	5%	1/10W	(HCD-GTR777)
R4076	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	(HCD-GTR555)
R4076	1-216-834-11	METAL CHIP	12K	5%	1/10W	(HCD-GTR777)
R4077	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	(HCD-GTR555)
R4077	1-216-834-11	METAL CHIP	12K	5%	1/10W	(HCD-GTR777)
R4078	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	(HCD-GTR555)
R4078	1-216-834-11	METAL CHIP	12K	5%	1/10W	(HCD-GTR777)

3CH DAMP

Ref. No.	Part No.	Description			Remark
R4079	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4080	1-216-843-11	METAL CHIP	68K	5%	1/10W
R4082	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4083	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4084	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4085	1-216-843-11	METAL CHIP	68K	5%	1/10W
R4086	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4088	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4089	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R4090	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R4099	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4100	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4102	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4103	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4104	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4106	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4107	1-216-809-11	METAL CHIP	100	5%	1/10W
R4109	1-216-809-11	METAL CHIP	100	5%	1/10W
R4113	1-216-809-11	METAL CHIP	100	5%	1/10W
R4115	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4116	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4118	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4119	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4120	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4122	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4123	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4124	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4125	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4126	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4129	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4130	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4131	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4132	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4133	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4134	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4137	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4138	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4139	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4140	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4141	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4142	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4145	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4146	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4147	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4148	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4149	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4150	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4153	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4154	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4155	1-216-830-11	METAL CHIP	5.6K	5%	1/10W (HCD-GTR777)
R4155	1-216-833-11	METAL CHIP	10K	5%	1/10W (HCD-GTR555)
R4156	1-216-833-11	METAL CHIP	10K	5%	1/10W (HCD-GTR555)
R4156	1-216-837-11	METAL CHIP	22K	5%	1/10W (HCD-GTR777)
R4157	1-216-833-11	METAL CHIP	10K	5%	1/10W (HCD-GTR555)
R4157	1-216-837-11	METAL CHIP	22K	5%	1/10W (HCD-GTR777)
R4158	1-216-830-11	METAL CHIP	5.6K	5%	1/10W (HCD-GTR777)
R4158	1-216-833-11	METAL CHIP	10K	5%	1/10W (HCD-GTR555)
R4159	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4160	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4161	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4168	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4171	1-216-855-11	METAL CHIP	680K	5%	1/10W
R4172	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4173	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4176	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4177	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4179	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4185	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4186	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4187	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4194	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4195	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R4196	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R4197	1-216-789-11	METAL CHIP	2.2	5%	1/10W
R4198	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R4199	1-218-326-11	METAL CHIP	470	5%	1/2W
R4200	1-218-326-11	METAL CHIP	470	5%	1/2W
R4201	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4202	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4203	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4204	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4205	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4206	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4207	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4208	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4209	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4210	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4211	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4212	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4213	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4216	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4222	1-216-838-11	METAL CHIP	27K	5%	1/10W
R4223	1-216-838-11	METAL CHIP	27K	5%	1/10W
R4224	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4225	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4226	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4227	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4232	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R4237	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4238	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4247	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4248	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4249	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4250	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4262	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4263	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4264	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4265	1-216-847-11	METAL CHIP	150K	5%	1/10W
R4266	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4267	1-216-847-11	METAL CHIP	150K	5%	1/10W
R4269	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4270	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4271	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4272	1-216-837-11	METAL CHIP	22K	5%	1/10W

3CH DAMP

Ref. No.	Part No.	Description			Remark
R4273	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4274	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4275	1-216-835-11	METAL CHIP	15K	5%	1/10W
R4276	1-216-835-11	METAL CHIP	15K	5%	1/10W
R4277	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4278	1-216-809-11	METAL CHIP	100	5%	1/10W
R4279	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4282	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4283	1-216-821-11	METAL CHIP	1K	5%	1/10W (HCD-GTR555)
R4283	1-216-864-11	SHORT CHIP	0 (HCD-GTR777)		
R4284	1-216-821-11	METAL CHIP	1K	5%	1/10W (HCD-GTR555)
R4284	1-216-864-11	SHORT CHIP	0 (HCD-GTR777)		
R4285	1-216-821-11	METAL CHIP	1K	5%	1/10W (HCD-GTR555)
R4285	1-216-864-11	SHORT CHIP	0 (HCD-GTR777)		
R4286	1-216-821-11	METAL CHIP	1K	5%	1/10W (HCD-GTR555)
R4286	1-216-864-11	SHORT CHIP	0 (HCD-GTR777)		
R4287	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4288	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4289	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R4290	1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R4291	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4294	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4295	1-216-834-11	METAL CHIP	12K	5%	1/10W
R4296	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4297	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4298	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4299	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4300	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4301	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4302	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4303	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4304	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4305	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4306	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4307	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4308	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4309	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4310	1-216-836-11	METAL CHIP	18K	5%	1/10W (HCD-GTR777)
R4313	1-216-836-11	METAL CHIP	18K	5%	1/10W (HCD-GTR777)
R4400	1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R4500	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4501	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4502	1-218-969-11	METAL CHIP	22K	5%	1/16W
R4503	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4504	1-218-977-11	METAL CHIP	100K	5%	1/16W
R4512	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4513	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4514	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4515	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4516	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4517	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4520	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4521	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4522	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4525	1-218-965-11	METAL CHIP	10K	5%	1/16W

Ref. No.	Part No.	Description			Remark
R4527	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4528	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4529	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4532	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R4533	1-218-981-91	METAL CHIP	220K	5%	1/16W
R4534	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R4535	1-218-981-91	METAL CHIP	220K	5%	1/16W
R4536	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R4537	1-218-981-91	METAL CHIP	220K	5%	1/16W
R4538	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W (HCD-GTR555)
R4538	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W (HCD-GTR777)
R4540	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4541	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4542	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4545	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4546	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4547	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4548	1-208-889-11	METAL CHIP	1.2K	0.5%	1/16W (HCD-GTR555)
R4548	1-208-687-11	METAL CHIP	1.5K	0.5%	1/16W (HCD-GTR777)
R4551	1-218-948-11	METAL CHIP	390	5%	1/16W
R4552	1-218-948-11	METAL CHIP	390	5%	1/16W
R4553	1-218-948-11	METAL CHIP	390	5%	1/16W
R4555	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4556	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4557	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4560	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4561	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R4562	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4563	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R4564	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4565	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R4569	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4570	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4571	1-218-971-11	METAL CHIP	33K	5%	1/16W
R4572	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4573	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4574	1-218-971-11	METAL CHIP	33K	5%	1/16W
R4575	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4576	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4577	1-218-971-11	METAL CHIP	33K	5%	1/16W
R4580	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4581	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4582	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4583	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4584	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4585	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4587	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4588	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4589	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4591	1-218-971-11	METAL CHIP	33K	5%	1/16W
R4593	1-218-971-11	METAL CHIP	33K	5%	1/16W
R4595	1-218-971-11	METAL CHIP	33K	5%	1/16W
R4599	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4600	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4601	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4603	1-216-797-11	METAL CHIP	10	5%	1/10W

Ref. No.	Part No.	Description			Remark
R4604	1-216-797-11	METAL CHIP	10	5%	1/10W
R4605	1-216-797-11	METAL CHIP	10	5%	1/10W
R4607	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4608	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4609	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4612	1-216-797-11	METAL CHIP	10	5%	1/10W
R4613	1-216-797-11	METAL CHIP	10	5%	1/10W
R4614	1-216-797-11	METAL CHIP	10	5%	1/10W
R4615	1-216-797-11	METAL CHIP	10	5%	1/10W
R4616	1-216-797-11	METAL CHIP	10	5%	1/10W
R4617	1-216-797-11	METAL CHIP	10	5%	1/10W
R4619	1-216-797-11	METAL CHIP	10	5%	1/10W
R4620	1-216-797-11	METAL CHIP	10	5%	1/10W
R4621	1-216-797-11	METAL CHIP	10	5%	1/10W
R4623	1-250-312-21	METAL CHIP	10	5%	1/2W
R4624	1-250-312-21	METAL CHIP	10	5%	1/2W
R4625	1-250-312-21	METAL CHIP	10	5%	1/2W
R4627	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R4628	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R4629	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R4633	1-218-951-11	METAL CHIP	680	5%	1/16W
R4635	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R4636	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R4656	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4664	1-257-172-91	RES-CHIP	100	5%	1/2W (HCD-GTR777)
R4665	1-257-172-91	RES-CHIP	100	5%	1/2W (HCD-GTR777)
R4666	1-216-864-11	SHORT CHIP	0		
R4669	1-216-864-11	SHORT CHIP	0		
		< RELAY >			
RY4000	1-755-307-21	RELAY			
RY4001	1-755-307-21	RELAY			
RY4003	1-755-307-21	RELAY			
		< TERMINAL >			
TB4000	1-820-067-21	TERMINAL BOARD (SPEAKER) (SUBWOOFER)(HCD-GTR777)			
TB4001	1-780-893-11	TERMINAL BOARD (SATELLITE SPEAKER) (HCD-GTR777)			
TB4002	1-780-893-11	TERMINAL BOARD (FRONT SPEAKER)			
TB4003	1-780-812-11	TERMINAL BOARD (SPEAKER) (SUBWOOFER) (HCD-GTR555)			
		< THERMISTOR >			
TH4501	1-804-045-11	THERMISTOR			
TH4502	1-804-045-11	THERMISTOR			
TH4503	1-804-045-11	THERMISTOR			

****

A-1806-053-A 4CH DAMP BOARD, COMPLETE (HCD-GTR888)

****

Ref. No.	Part No.	Description			Remark
		< CAPACITOR >			
C4000	1-126-935-11	ELECT	470uF	20%	16V
C4002	1-128-553-11	ELECT	220uF	20%	63V
C4003	1-128-553-11	ELECT	220uF	20%	63V
C4009	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4012	1-128-551-11	ELECT	22uF	20%	63V
C4013	1-128-551-11	ELECT	22uF	20%	63V
C4014	1-126-947-11	ELECT	47uF	20%	35V
C4017	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C4020	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C4023	1-128-582-11	ELECT	10uF	20%	100V
C4024	1-128-582-11	ELECT	10uF	20%	100V
C4025	1-128-582-11	ELECT	10uF	20%	100V
C4026	1-128-582-11	ELECT	10uF	20%	100V
C4027	1-128-582-11	ELECT	10uF	20%	100V
C4028	1-128-582-11	ELECT	10uF	20%	100V
C4029	1-128-582-11	ELECT	10uF	20%	100V
C4030	1-128-582-11	ELECT	10uF	20%	100V
C4038	1-104-962-91	ELECT	47uF	20%	35V
C4039	1-104-962-91	ELECT	47uF	20%	35V
C4041	1-137-909-91	CERAMIC CHIP	0.22uF	10%	35V
C4042	1-137-909-91	CERAMIC CHIP	0.22uF	10%	35V
C4049	1-126-947-11	ELECT	47uF	20%	35V
C4050	1-126-947-11	ELECT	47uF	20%	35V
C4051	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4052	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4053	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4054	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4055	1-104-962-91	ELECT	47uF	20%	35V
C4056	1-104-962-91	ELECT	47uF	20%	35V
C4057	1-137-909-91	CERAMIC CHIP	0.22uF	10%	35V
C4058	1-137-909-91	CERAMIC CHIP	0.22uF	10%	35V
C4067	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4068	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4071	1-107-909-11	ELECT	47uF	20%	50V
C4072	1-107-909-11	ELECT	47uF	20%	50V
C4077	1-126-964-11	ELECT	10uF	20%	50V
C4078	1-126-964-11	ELECT	10uF	20%	50V
C4079	1-126-964-11	ELECT	10uF	20%	50V
C4080	1-126-964-11	ELECT	10uF	20%	50V
C4089	1-124-499-11	ELECT	1uF	20%	50V
C4090	1-124-499-11	ELECT	1uF	20%	50V
C4091	1-124-499-11	ELECT	1uF	20%	50V
C4092	1-124-499-11	ELECT	1uF	20%	50V
C4097	1-127-813-11	ELECT (BLOCK)	3300uF	20%	71V
C4098	1-127-813-11	ELECT (BLOCK)	3300uF	20%	71V
C4099	1-127-813-11	ELECT (BLOCK)	3300uF	20%	71V
C4100	1-127-813-11	ELECT (BLOCK	3300uF	20%	71V
C4101	1-116-881-11	CAP, METALIZED PP FILM		0.47MF	
C4102	1-116-881-11	CAP, METALIZED PP FILM		0.47MF	
C4103	1-116-881-11	CAP, METALIZED PP FILM		0.47MF	
C4104	1-116-881-11	CAP, METALIZED PP FILM		0.47MF	
C4105	1-126-964-11	ELECT	10uF	20%	50V
C4106	1-126-964-11	ELECT	10uF	20%	50V
C4107	1-128-582-11	ELECT	10uF	20%	100V
C4108	1-128-582-11	ELECT	10uF	20%	100V
C4125	1-126-964-11	ELECT	10uF	20%	50V
C4126	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4127	1-117-370-11	CERAMIC CHIP	10uF		10V
C4128	1-117-370-11	CERAMIC CHIP	10uF		10V
C4129	1-117-370-11	CERAMIC CHIP	10uF		10V
C4130	1-117-370-11	CERAMIC CHIP	10uF		10V
C4131	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C4132	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C4133	1-126-963-11	ELECT	4.7uF	20%	50V
C4135	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V
C4136	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V
C4139	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V

4CH DAMP

Ref. No.	Part No.	Description			Remark
C4140	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V
C4143	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V
C4144	1-164-232-91	CERAMIC CHIP	0.01uF	10%	100V
C4146	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C4147	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C4150	1-127-813-11	ELECT (BLOCK)	3300uF	20%	71V
C4151	1-127-813-11	ELECT (BLOCK)	3300uF	20%	71V
C4152	1-127-813-11	ELECT (BLOCK)	3300uF	20%	71V
C4153	1-127-813-11	ELECT (BLOCK)	3300uF	20%	71V
C4160	1-126-964-11	ELECT	10uF	20%	50V
C4162	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
C4163	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
C4166	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
C4168	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
C4169	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
C4170	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
C4171	1-126-965-11	ELECT	22uF	20%	50V
C4172	1-126-965-11	ELECT	22uF	20%	50V
C4177	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C4178	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C4179	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C4180	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C4182	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C4183	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C4184	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C4186	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C4187	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C4188	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C4189	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C4190	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C4195	1-112-330-11	ELECT (BLOCK)	1000uF	20%	200V
C4197	1-126-966-11	ELECT	33uF	20%	50V
C4198	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C4213	1-104-760-11	CERAMIC CHIP	0.047uF	10%	50V
C4214	1-104-760-11	CERAMIC CHIP	0.047uF	10%	50V
C4215	1-104-760-11	CERAMIC CHIP	0.047uF	10%	50V
C4216	1-104-760-11	CERAMIC CHIP	0.047uF	10%	50V
C4217	1-104-760-11	CERAMIC CHIP	0.047uF	10%	50V
C4218	1-104-760-11	CERAMIC CHIP	0.047uF	10%	50V
C4219	1-104-760-11	CERAMIC CHIP	0.047uF	10%	50V
C4220	1-104-760-11	CERAMIC CHIP	0.047uF	10%	50V
C4221	1-126-967-11	ELECT	47uF	20%	50V
C4501	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4502	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4503	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4504	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4505	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4506	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4507	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4508	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4511	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4512	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4513	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4514	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4515	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
C4516	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
C4517	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
C4518	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
C4519	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4520	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
C4521	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
C4522	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
C4523	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
C4524	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4525	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4526	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4527	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4528	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4529	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4530	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C4531	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4532	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4533	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4534	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4535	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4536	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4537	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4538	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4539	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4540	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4541	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4542	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4543	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C4544	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4545	1-114-236-21	CERAMIC CHIP	22uF	10%	25V
C4546	1-114-236-21	CERAMIC CHIP	22uF	10%	25V
C4547	1-114-236-21	CERAMIC CHIP	22uF	10%	25V
C4548	1-114-236-21	CERAMIC CHIP	22uF	10%	25V
C4549	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C4550	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C4551	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C4552	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C4553	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4554	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4555	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4556	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4557	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4558	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4559	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4560	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C4561	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4562	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4563	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4564	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4565	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4566	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4567	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4568	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C4569	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
C4570	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
C4571	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
C4572	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
C4573	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
C4574	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
C4575	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
C4576	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
C4578	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
C4579	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4580	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C4581	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
CN4000	1-842-652-11	CONNECTOR, BOARD TO BOARD 14P	
CN4001	1-842-652-11	CONNECTOR, BOARD TO BOARD 14P	
* CN4004	1-564-506-11	PLUG, CONNECTOR 3P	
		< DIODE >	
D4000	6-503-021-01	DI DZ2J10000L	
D4001	6-503-021-01	DI DZ2J10000L	
D4002	6-502-976-01	DI DZ2J150M0L	
D4003	6-502-976-01	DI DZ2J150M0L	
D4004	6-502-976-01	DI DZ2J150M0L	
D4005	6-502-976-01	DI DZ2J150M0L	
D4006	6-503-021-01	DI DZ2J10000L	
D4007	6-503-034-01	DI DZ2J200M0L	
D4008	6-503-034-01	DI DZ2J200M0L	
D4009	6-503-021-01	DI DZ2J10000L	
D4010	6-503-469-01	DI RF05VA2STR	
D4011	6-503-469-01	DI RF05VA2STR	
D4012	6-503-469-01	DI RF05VA2STR	
D4013	6-503-469-01	DI RF05VA2STR	
D4014	6-500-335-01	DIODE MC2838-T112-1	
D4015	6-500-335-01	DIODE MC2838-T112-1	
D4017	6-502-966-01	DI DZ2J056M0L	
D4018	6-502-970-01	DI DZ2J068M0L	
D4022	6-500-335-01	DIODE MC2838-T112-1	
D4023	6-502-976-01	DI DZ2J150M0L	
D4024	6-500-334-01	DIODE MC2836-T112-1	
D4025	6-502-976-01	DI DZ2J150M0L	
D4026	6-503-028-01	DI DZ2J130M0L	
D4027	6-503-028-01	DI DZ2J130M0L	
D4028	6-500-335-01	DIODE MC2838-T112-1	
D4029	6-500-334-01	DIODE MC2836-T112-1	
D4037	6-502-976-01	DI DZ2J150M0L	
D4038	6-503-021-01	DI DZ2J10000L	
D4039	6-503-021-01	DI DZ2J10000L	
D4040	6-502-976-01	DI DZ2J150M0L	
D4041	6-502-961-01	DI DA2J10100L	
D4042	6-502-961-01	DI DA2J10100L	
D4045	6-500-335-01	DIODE MC2838-T112-1	
D4046	6-500-335-01	DIODE MC2838-T112-1	
D4047	6-500-335-01	DIODE MC2838-T112-1	
D4048	6-500-335-01	DIODE MC2838-T112-1	
D4050	6-503-021-01	DI DZ2J10000L	
D4500	6-502-961-01	DI DA2J10100L	
D4501	6-502-961-01	DI DA2J10100L	
D4503	6-502-961-01	DI DA2J10100L	
D4504	6-502-961-01	DI DA2J10100L	
D4505	6-502-961-01	DI DA2J10100L	
D4506	6-502-961-01	DI DA2J10100L	
D4507	6-503-469-01	DI RF05VA2STR	
D4508	6-503-469-01	DI RF05VA2STR	
D4509	6-503-469-01	DI RF05VA2STR	
D4510	6-503-469-01	DI RF05VA2STR	
D4511	6-503-469-01	DI RF05VA2STR	
D4512	6-503-469-01	DI RF05VA2STR	
D4513	6-503-469-01	DI RF05VA2STR	
D4514	6-503-469-01	DI RF05VA2STR	
		< EARTH TERMINAL >	
ET4000	1-537-771-21	TERMINAL BOARD, GROUND	
		< IC >	
IC4400	6-717-488-01	IC BA4580RF-E2	
IC4401	6-716-739-01	IC BD00GC0WEFJ-SE2	
IC4402	8-759-982-17	IC RC7818FA	
IC4403	8-759-982-42	IC RC7918FA	
IC4404	6-713-031-01	IC KIA7805API-U/PF	
IC4405	6-711-998-01	IC KIA7905PI	
IC4406	8-759-394-76	IC NJM2068M-D-TE2	
IC4407	8-759-394-76	IC NJM2068M-D-TE2	
IC4900	8-759-338-95	IC NJM2903V (TE2)	
IC4901	6-716-579-01	IC IRS2092STRPBF	
IC4902	6-716-579-01	IC IRS2092STRPBF	
IC4903	6-716-579-01	IC IRS2092STRPBF	
IC4904	6-716-579-01	IC IRS2092STRPBF	
IC4905	6-717-488-01	IC BA4580RF-E2	
IC4906	6-717-488-01	IC BA4580RF-E2	
		< COIL >	
L4000	1-481-841-11	POWER INDUCTOR 20UH	
L4001	1-460-390-11	INDUCTOR 10UH	
L4002	1-460-390-11	INDUCTOR 10UH	
L4003	1-481-841-11	POWER INDUCTOR 20UH	
L4004	1-457-078-11	AIR-CORE COIL	
L4005	1-457-078-11	AIR-CORE COIL	
L4006	1-457-078-11	AIR-CORE COIL	
L4007	1-457-078-11	AIR-CORE COIL	
L4008	1-457-078-11	AIR-CORE COIL	
L4009	1-457-078-11	AIR-CORE COIL	
L4010	1-457-078-11	AIR-CORE COIL	
L4011	1-457-078-11	AIR-CORE COIL	
L4012	1-456-509-21	INDUCTOR 10UH	
L4500	1-414-406-11	INDUCTOR 220UH	
		< TRANSISTOR >	
Q4003	6-552-812-01	TR KTC1027-Y-AT/P	
Q4004	6-552-810-01	TR KTA1023-Y-AT/P	
Q4007	6-552-812-01	TR KTC1027-Y-AT/P	
Q4008	6-552-810-01	TR KTA1023-Y-AT/P	
Q4009	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q4010	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q4011	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q4012	6-552-812-01	TR KTC1027-Y-AT/P	
Q4013	6-552-810-01	TR KTA1023-Y-AT/P	
Q4014	6-551-699-01	TR ISA1602AM1-T111-1EF	
Q4015	6-551-699-01	TR ISA1602AM1-T111-1EF	
Q4016	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q4017	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q4018	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q4019	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q4020	6-551-270-01	TRANSISTOR 2SA2026	
Q4021	6-551-270-01	TRANSISTOR 2SA2026	
Q4022	6-551-270-01	TRANSISTOR 2SA2026	
Q4023	6-551-270-01	TRANSISTOR 2SA2026	
Q4026	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q4027	8-729-036-86	TRANSISTOR KTC3203Y-AT	
Q4028	6-551-270-01	TRANSISTOR 2SA2026	
Q4029	6-551-270-01	TRANSISTOR 2SA2026	

4CH DAMP

Ref. No.	Part No.	Description			Remark
Q4030	6-551-270-01	TRANSISTOR	2SA2026		
Q4031	6-551-270-01	TRANSISTOR	2SA2026		
Q4032	6-551-270-01	TRANSISTOR	2SA2026		
Q4033	6-551-270-01	TRANSISTOR	2SA2026		
Q4034	6-551-270-01	TRANSISTOR	2SA2026		
Q4035	6-551-270-01	TRANSISTOR	2SA2026		
Q4036	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q4037	6-552-681-01	TR	RT3NDDM-T111-1		
Q4038	6-552-681-01	TR	RT3NDDM-T111-1		
Q4052	8-729-038-37	TRANSISTOR	RT1N141M-TP-1		
Q4053	8-729-028-83	TRANSISTOR	DTA124EUA-T106		
Q4056	6-552-681-01	TR	RT3NDDM-T111-1		
Q4057	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q4058	6-552-812-01	TR	KTC1027-Y-AT/P		
Q4059	6-552-810-01	TR	KTA1023-Y-AT/P		
Q4060	8-729-028-83	TRANSISTOR	DTA124EUA-T106		
Q4061	8-729-038-37	TRANSISTOR	RT1N141M-TP-1		
Q4062	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q4063	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q4064	6-551-268-01	TRANSISTOR	2SC5625		
Q4065	6-551-270-01	TRANSISTOR	2SA2026		
Q4066	6-551-268-01	TRANSISTOR	2SC5625		
Q4067	6-551-270-01	TRANSISTOR	2SA2026		
Q4068	6-551-270-01	TRANSISTOR	2SA2026		
Q4069	6-551-268-01	TRANSISTOR	2SC5625		
Q4070	6-551-270-01	TRANSISTOR	2SA2026		
Q4071	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q4500	6-551-268-01	TRANSISTOR	2SC5625		
Q4501	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q4504	6-551-270-01	TRANSISTOR	2SA2026		
Q4505	6-551-270-01	TRANSISTOR	2SA2026		
Q4506	6-551-270-01	TRANSISTOR	2SA2026		
Q4507	6-551-270-01	TRANSISTOR	2SA2026		
Q4508	8-729-620-13	TRANSISTOR	2SC4154TP-1EF		
Q4509	8-729-620-13	TRANSISTOR	2SC4154TP-1EF		
Q4510	8-729-620-13	TRANSISTOR	2SC4154TP-1EF		
Q4511	8-729-620-13	TRANSISTOR	2SC4154TP-1EF		
Q4512	6-552-698-01	TR	IRF6775MTR1PBF		
Q4513	6-552-698-01	TR	IRF6775MTR1PBF		
Q4514	6-552-698-01	TR	IRF6775MTR1PBF		
Q4515	6-552-698-01	TR	IRF6775MTR1PBF		
Q4516	6-552-698-01	TR	IRF6775MTR1PBF		
Q4517	6-552-698-01	TR	IRF6775MTR1PBF		
Q4518	6-552-698-01	TR	IRF6775MTR1PBF		
Q4519	6-552-698-01	TR	IRF6775MTR1PBF		
Q4524	8-729-038-23	TRANSISTOR	RT1N141C-TP-1		
		< RESISTOR >			
R4004	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4005	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4008	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4009	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4031	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R4032	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4033	1-218-326-11	METAL CHIP	470	5%	1/2W
R4034	1-218-326-11	METAL CHIP	470	5%	1/2W
R4035	1-218-326-11	METAL CHIP	470	5%	1/2W
R4036	1-218-326-11	METAL CHIP	470	5%	1/2W
R4037	1-257-124-11	METAL CHIP	560	5%	1/2W
R4038	1-257-124-11	METAL CHIP	560	5%	1/2W
R4040	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4043	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4045	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4046	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4047	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4048	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4049	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4050	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4051	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4052	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4061	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4068	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4069	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4070	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4071	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4072	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4073	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4074	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4075	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R4076	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R4077	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R4078	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R4079	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4080	1-216-843-11	METAL CHIP	68K	5%	1/10W
R4081	1-216-843-11	METAL CHIP	68K	5%	1/10W
R4082	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4083	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4084	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4085	1-216-843-11	METAL CHIP	68K	5%	1/10W
R4086	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4087	1-216-843-11	METAL CHIP	68K	5%	1/10W
R4088	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4089	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R4090	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R4099	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4100	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4101	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4102	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4103	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4104	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4105	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4106	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4107	1-216-809-11	METAL CHIP	100	5%	1/10W
R4109	1-216-809-11	METAL CHIP	100	5%	1/10W
R4111	1-216-809-11	METAL CHIP	100	5%	1/10W
R4113	1-216-809-11	METAL CHIP	100	5%	1/10W
R4115	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4116	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4117	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4118	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4119	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4120	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4121	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4122	1-216-222-00	RES-CHIP	10K	0.5%	1/8W
R4123	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4124	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4125	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4126	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4127	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4128	1-218-887-11	METAL CHIP	47K	0.5%	1/10W

Ref. No.	Part No.	Description			Remark
R4129	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4130	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4131	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4132	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4133	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4134	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4135	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4136	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4137	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4138	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4139	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4140	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4141	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4142	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4143	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4144	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4145	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4146	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4147	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4148	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4149	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4150	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4151	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4152	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4153	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4154	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4155	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R4156	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4157	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4158	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R4159	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4160	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4161	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4168	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4171	1-216-855-11	METAL CHIP	680K	5%	1/10W
R4172	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4173	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4176	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4177	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4178	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4179	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4184	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4185	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4186	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4187	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4194	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4195	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R4196	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R4197	1-216-789-11	METAL CHIP	2.2	5%	1/10W
R4198	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R4199	1-257-124-11	METAL CHIP	560	5%	1/2W
R4200	1-257-124-11	METAL CHIP	560	5%	1/2W
R4201	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4202	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4203	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4204	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4205	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4206	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4207	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4208	1-216-833-11	METAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R4209	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4210	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4211	1-216-839-11	METAL CHIP	33K	5%	1/10W
R4212	1-216-839-11	METAL CHIP	33K	5%	1/10W
R4213	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4216	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4222	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R4223	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R4224	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R4225	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R4226	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4227	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4232	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R4237	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4238	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4248	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R4250	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R4251	1-257-124-11	METAL CHIP	560	5%	1/2W
R4252	1-257-124-11	METAL CHIP	560	5%	1/2W
R4254	1-216-797-11	METAL CHIP	10	5%	1/10W
R4255	1-216-797-11	METAL CHIP	10	5%	1/10W
R4256	1-216-797-11	METAL CHIP	10	5%	1/10W
R4257	1-216-797-11	METAL CHIP	10	5%	1/10W
R4258	1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R4259	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R4260	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R4261	1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R4262	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4263	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4264	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4265	1-216-847-11	METAL CHIP	150K	5%	1/10W
R4266	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4267	1-216-847-11	METAL CHIP	150K	5%	1/10W
R4268	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4269	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4270	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4271	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4272	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4273	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4274	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4275	1-216-835-11	METAL CHIP	15K	5%	1/10W
R4276	1-216-835-11	METAL CHIP	15K	5%	1/10W
R4277	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4278	1-216-809-11	METAL CHIP	100	5%	1/10W
R4279	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4281	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4282	1-216-849-11	METAL CHIP	220K	5%	1/10W
R4283	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4284	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4285	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4286	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4287	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4288	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4289	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R4290	1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R4293	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4294	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4295	1-216-834-11	METAL CHIP	12K	5%	1/10W
R4296	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4297	1-216-833-11	METAL CHIP	10K	5%	1/10W

4CH DAMP

Ref. No.	Part No.	Description			Remark
R4298	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4299	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4300	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4301	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4302	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4303	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4304	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4305	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4306	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4307	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4308	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4309	1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R4400	1-227-869-21	METAL CHIP	100	5%	1/2W
R4401	1-227-869-21	METAL CHIP	100	5%	1/2W
R4402	1-227-869-21	METAL CHIP	100	5%	1/2W
R4403	1-227-869-21	METAL CHIP	100	5%	1/2W
R4404	1-227-869-21	METAL CHIP	100	5%	1/2W
R4405	1-227-869-21	METAL CHIP	100	5%	1/2W
R4406	1-227-869-21	METAL CHIP	100	5%	1/2W
R4407	1-227-869-21	METAL CHIP	100	5%	1/2W
R4500	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4501	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4502	1-218-969-11	METAL CHIP	22K	5%	1/16W
R4503	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4504	1-218-977-11	METAL CHIP	100K	5%	1/16W
R4510	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4511	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4512	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4513	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4514	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4515	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4516	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4517	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4520	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4521	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4522	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4523	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4525	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4526	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4527	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4528	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4529	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4530	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R4531	1-218-981-91	METAL CHIP	220K	5%	1/16W
R4532	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R4533	1-218-981-91	METAL CHIP	220K	5%	1/16W
R4534	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R4535	1-218-981-91	METAL CHIP	220K	5%	1/16W
R4536	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R4537	1-218-981-91	METAL CHIP	220K	5%	1/16W
R4538	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4539	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4540	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4541	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4542	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4544	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4545	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4546	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4547	1-216-841-11	METAL CHIP	47K	5%	1/10W
R4548	1-208-683-11	METAL CHIP	1K	0.5%	1/16W

Ref. No.	Part No.	Description			Remark
R4550	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R4551	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R4552	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R4553	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R4554	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4555	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4556	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4557	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4558	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4559	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R4560	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4561	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R4562	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4563	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R4564	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4565	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R4566	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4567	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4568	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R4569	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4570	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4571	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R4572	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4573	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4574	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R4575	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4576	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4577	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R4578	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4579	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4580	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4581	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4582	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4583	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4584	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R4585	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4586	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4587	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4588	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4589	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4590	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R4591	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R4593	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R4595	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R4598	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4599	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4600	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4601	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R4602	1-216-797-11	METAL CHIP	10	5%	1/10W
R4603	1-216-797-11	METAL CHIP	10	5%	1/10W
R4604	1-216-797-11	METAL CHIP	10	5%	1/10W
R4605	1-216-797-11	METAL CHIP	10	5%	1/10W
R4606	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4607	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4608	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4609	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4610	1-216-797-11	METAL CHIP	10	5%	1/10W
R4611	1-216-797-11	METAL CHIP	10	5%	1/10W
R4612	1-216-797-11	METAL CHIP	10	5%	1/10W
R4613	1-216-797-11	METAL CHIP	10	5%	1/10W

Ref. No.	Part No.	Description			Remark
R4614	1-216-797-11	METAL CHIP	10	5%	1/10W
R4615	1-216-797-11	METAL CHIP	10	5%	1/10W
R4616	1-216-797-11	METAL CHIP	10	5%	1/10W
R4617	1-216-797-11	METAL CHIP	10	5%	1/10W
R4618	1-216-797-11	METAL CHIP	10	5%	1/10W
R4619	1-216-797-11	METAL CHIP	10	5%	1/10W
R4620	1-216-797-11	METAL CHIP	10	5%	1/10W
R4621	1-216-797-11	METAL CHIP	10	5%	1/10W
R4622	1-250-312-21	METAL CHIP	10	5%	1/2W
R4623	1-250-312-21	METAL CHIP	10	5%	1/2W
R4624	1-250-312-21	METAL CHIP	10	5%	1/2W
R4625	1-250-312-21	METAL CHIP	10	5%	1/2W
R4626	1-208-873-81	METAL CHIP	270	0.5%	1/16W
R4627	1-208-873-81	METAL CHIP	270	0.5%	1/16W
R4628	1-208-873-81	METAL CHIP	270	0.5%	1/16W
R4629	1-208-873-81	METAL CHIP	270	0.5%	1/16W
R4633	1-216-819-11	METAL CHIP	680	5%	1/10W
R4635	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R4636	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R4656	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4660	1-257-272-91	RES-CHIP	100	5%	1/2W
R4661	1-257-272-91	RES-CHIP	100	5%	1/2W
R4662	1-257-272-91	RES-CHIP	100	5%	1/2W
R4663	1-257-272-91	RES-CHIP	100	5%	1/2W
R4664	1-257-272-91	RES-CHIP	100	5%	1/2W
R4665	1-257-272-91	RES-CHIP	100	5%	1/2W
R4666	1-257-272-91	RES-CHIP	100	5%	1/2W
R4667	1-257-272-91	RES-CHIP	100	5%	1/2W
R4668	1-216-864-11	SHORT CHIP	0		
R4670	1-216-864-11	SHORT CHIP	0		

< RELAY >

RY4000	1-755-307-21	RELAY
RY4001	1-755-307-21	RELAY
RY4002	1-755-307-21	RELAY
RY4003	1-755-307-21	RELAY

< TERMINAL >

TB4000	1-820-067-21	TERMINAL BOARD (SPEAKER) (SUBWOOFER)
TB4001	1-780-893-11	TERMINAL BOARD (SATELLITE SPEAKER)
TB4002	1-780-893-11	TERMINAL BOARD (FRONT SPEAKER)

< THERMISTOR >

TH4500	1-804-045-11	THERMISTOR
TH4501	1-804-045-11	THERMISTOR
TH4502	1-804-045-11	THERMISTOR
TH4503	1-804-045-11	THERMISTOR

****

DISPLAY BOARD
****

< CAPACITOR >

C1008	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C1009	1-126-513-11	ELECT	47uF	20%	6.3V
C1050	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V
C1052	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C1101	1-126-786-11	ELECT	47uF	20%	16V
C1103	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C1113	1-126-382-11	ELECT	100uF	20%	16V
C1154	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C1155	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C1156	1-126-793-11	ELECT	33uF	20%	35V
C1157	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C1170	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1175	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C1176	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C1177	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V

< CONNECTOR >

* CN1103	1-564-726-11	PIN, CONNECTOR (SMALL TYPE) 10P
CN1106	1-784-778-11	CONNECTOR, FFC 17P

< DIODE >

D1101	6-503-224-02	DI 1L0352V22F3MIT02
D1102	6-503-224-02	DI 1L0352V22F3MIT02
D1103	6-503-224-02	DI 1L0352V22F3MIT02
D1104	6-503-224-02	DI 1L0352V22F3MIT02
D1105	6-503-224-02	DI 1L0352V22F3MIT02
D1106	6-503-224-02	DI 1L0352V22F3MIT02
D1108	6-503-224-02	DI 1L0352V22F3MIT02
D1153	6-502-970-01	DI DZ2J068M0L
D1154	6-503-469-01	DI RF05VA2STR
D1155	6-503-469-01	DI RF05VA2STR
D1156	6-503-469-01	DI RF05VA2STR
D1157	6-503-469-01	DI RF05VA2STR

< FLUORESCENT INDICATOR TUBE >

FL1001	1-483-348-11	VACUUM FLUORESCENT DISPLAYS

< IC >

IC1001	6-717-584-01	IC PT6324-LQFP
IC1100	6-713-768-01	IC R8A66166SP
IC1170	6-600-768-01	IC PNA4823M03S0

< JUMPER RESISTOR >

JR113	1-216-296-11	SHORT CHIP	0		
JR114	1-216-296-11	SHORT CHIP	0		
JR115	1-216-296-11	SHORT CHIP	0		
JR116	1-216-296-11	SHORT CHIP	0		
JR117	1-216-150-91	METAL CHIP	10	5%	1/8W
JR118	1-216-296-11	SHORT CHIP	0		
JR119	1-216-296-11	SHORT CHIP	0		
JR120	1-216-296-11	SHORT CHIP	0		
JR121	1-216-296-11	SHORT CHIP	0		
JR122	1-216-296-11	SHORT CHIP	0		
JR123	1-216-296-11	SHORT CHIP	0		
JR124	1-216-296-11	SHORT CHIP	0		
JR1100	1-216-864-11	SHORT CHIP	0		
JR1101	1-216-864-11	SHORT CHIP	0		
JR1102	1-216-864-11	SHORT CHIP	0		
JR1103	1-216-864-11	SHORT CHIP	0		
JR1105	1-216-864-11	SHORT CHIP	0		
JR1106	1-216-296-11	SHORT CHIP	0		
JR1107	1-216-296-11	SHORT CHIP	0		
JR1108	1-216-296-11	SHORT CHIP	0		
JR1110	1-216-296-11	SHORT CHIP	0		
JR1111	1-216-296-11	SHORT CHIP	0		
JR1112	1-216-296-11	SHORT CHIP	0		
JR1113	1-216-296-11	SHORT CHIP	0		
JR1114	1-216-296-11	SHORT CHIP	0		

DISPLAY **DMB21**

Ref. No.	Part No.	Description			Remark
JR1115	1-216-296-11	SHORT CHIP	0		
JR1116	1-216-296-11	SHORT CHIP	0		
		< COIL >			
L1150	1-412-541-41	INDUCTOR	220UH		
		< TRANSISTOR >			
Q1045	6-551-272-01	TRANSISTOR	RT3CLLM		
Q1048	6-551-272-01	TRANSISTOR	RT3CLLM		
Q1049	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q1150	6-552-829-01	TR	2SC5865		
Q1151	6-552-829-01	TR	2SC5865		
		< RESISTOR >			
R1001	1-216-809-11	METAL CHIP	100	5%	1/10W
R1002	1-216-809-11	METAL CHIP	100	5%	1/10W
R1003	1-216-809-11	METAL CHIP	100	5%	1/10W
R1007	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1045	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1046	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1047	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1048	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1049	1-216-821-11	METAL CHIP	1K	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	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1106	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1108	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1113	1-216-819-11	METAL CHIP	680	5%	1/10W
R1114	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1115	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R1116	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R1117	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1121	1-257-173-21	METAL CHIP	560	5%	1/2W
R1123	1-257-173-21	METAL CHIP	560	5%	1/2W
R1125	1-257-173-21	METAL CHIP	560	5%	1/2W
R1134	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1145	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1146	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1147	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1148	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1150	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1152	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1153	1-257-172-21	METAL CHIP	100	5%	1/2W
R1154	1-257-172-21	METAL CHIP	100	5%	1/2W
R1162	1-216-819-11	METAL CHIP	680	5%	1/10W
R1163	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1164	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R1165	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R1166	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1170	1-216-801-11	METAL CHIP	22	5%	1/10W
R1178	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1179	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1180	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1181	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1185	1-257-173-21	METAL CHIP	560	5%	1/2W
R1186	1-257-173-21	METAL CHIP	560	5%	1/2W
R1187	1-257-173-21	METAL CHIP	560	5%	1/2W
R1194	1-257-173-21	METAL CHIP	560	5%	1/2W

Ref. No.	Part No.	Description			Remark
		< SWITCH >			
S1100	1-771-410-21	SWITCH, TACTILE (I/⏻ STANDBY)			
S1101	1-771-410-21	SWITCH, TACTILE (TV)			
S1102	1-771-410-21	SWITCH, TACTILE (►II)			
S1103	1-771-410-21	SWITCH, TACTILE (USB/USB SELECT)			
S1104	1-771-410-21	SWITCH, TACTILE (REC TO USB B)			
S1105	1-771-410-21	SWITCH, TACTILE (EX-CHANGE)			
S1106	1-771-410-21	SWITCH, TACTILE (FUNCTION)			
S1107	1-771-410-21	SWITCH, TACTILE (■)			
S1108	1-771-410-21	SWITCH, TACTILE (CD/DISC SKIP)			
S1109	1-771-410-21	SWITCH, TACTILE (⏏ OPEN/CLOSE)			
S1110	1-771-410-21	SWITCH, TACTILE (PHASER SEARCH)			
S1111	1-771-410-21	SWITCH, TACTILE (SOUND FLASH OPTIONS)			
S1112	1-771-410-21	SWITCH, TACTILE (DJ EFFECT)			
S1113	1-771-410-21	SWITCH, TACTILE (ISOLATER GROOVE)			
S1114	1-771-410-21	SWITCH, TACTILE (FLANGER PRESET EQ)			
		< TRANSFORMER >			
T1150	1-445-994-11	DC-DC CONVERTER TRANSFORMER			

****

	A-1803-126-A	DMB21 BOARD, COMPLETE			
		*********************			
		< CAPACITOR >			
⚠ C101	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C102	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
⚠ C105	1-128-994-21	ELECT CHIP	47uF	20%	10V
⚠ C106	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C108	1-164-938-11	CERAMIC CHIP	0.0015uF	10%	50V
C111	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C112	1-128-994-21	ELECT CHIP	47uF	20%	10V
C113	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C115	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C116	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C118	1-124-779-00	ELECT CHIP	10uF	20%	16V
C119	1-137-710-91	CERAMIC CHIP	10uF	20%	6.3V
C124	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C125	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C126	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C127	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C144	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C145	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C146	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C149	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C150	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C151	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C152	1-164-852-11	CERAMIC CHIP	12PF	5%	50V
C153	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V
C154	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C155	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C156	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C160	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C168	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C169	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C172	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C175	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C179	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C180	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C181	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

DMB21

Ref. No.	Part No.	Description			Remark
C183	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C185	1-128-994-21	ELECT CHIP	47uF	20%	10V
C188	1-114-214-81	CERAMIC CHIP	470PF	5%	50V
C189	1-128-994-21	ELECT CHIP	47uF	20%	10V
C190	1-165-492-21	ELECT CHIP	100uF	20%	10V
C191	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C192	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C193	1-165-887-91	CERAMIC CHIP	0.22uF	10%	6.3V
C195	1-165-887-91	CERAMIC CHIP	0.22uF	10%	6.3V
C197	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C198	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C199	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C203	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C205	1-164-882-11	CERAMIC CHIP	220PF	5%	16V
C206	1-164-882-11	CERAMIC CHIP	220PF	5%	16V
C208	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C209	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C210	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C211	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C212	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C213	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C214	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C215	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C216	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C217	1-117-681-11	ELECT CHIP	100uF	20%	16V
C218	1-128-994-21	ELECT CHIP	47uF	20%	10V
C219	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C220	1-128-994-21	ELECT CHIP	47uF	20%	10V
C221	1-107-820-81	CERAMIC CHIP	0.1uF		16V
⚠ C222	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C224	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C233	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C602	1-165-492-21	ELECT CHIP	100uF	20%	10V
C603	1-165-492-21	ELECT CHIP	100uF	20%	10V
C604	1-165-492-21	ELECT CHIP	100uF	20%	10V
* C608	1-114-582-11	CERAMIC CHIP	0.1uF	10%	16V
C611	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C620	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C621	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C622	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C623	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C1504	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1505	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1506	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1507	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1512	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1513	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C4602	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C4603	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C4606	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C4608	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4622	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4623	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4626	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C4628	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C4629	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C4630	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C4631	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C4632	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C4633	1-124-779-00	ELECT CHIP	10uF	20%	16V

Ref. No.	Part No.	Description			Remark
C4634	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4635	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C4636	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C4637	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C4638	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C4639	1-164-860-11	CERAMIC CHIP	27PF	5%	50V
C4640	1-164-862-11	CERAMIC CHIP	33PF	5%	50V
C4641	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4642	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V
C4643	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V
C4644	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4645	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C4650	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
		< CONNECTOR >			
CN101	1-815-763-32	CONNECTOR, FFC/FPC 24P			
CN105	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P			
CN201	1-770-161-21	PIN, CONNECTOR (PC BOARD) 6P			
CN602	1-774-297-21	PIN, CONNECTOR (PC BOARD) 7P			
CN1106	1-784-859-51	CONNECTOR, FFC (LIF (NON-ZIF)) 7P			
CN1108	1-770-160-21	PIN, CONNECTOR (PC BOARD) 2P			
CN4604	1-784-865-51	CONNECTOR, FFC (LIF (NON-ZIF)) 13P			
		< DIODE >			
D001	6-500-848-01	DIODE MC2840-T112-1			
D002	6-500-848-01	DIODE MC2840-T112-1			
D003	6-500-848-01	DIODE MC2840-T112-1			
D004	6-500-848-01	DIODE MC2840-T112-1			
D005	6-500-848-01	DIODE MC2840-T112-1			
		< EARTH TERMINAL >			
* ET001	1-780-408-11	TERMINAL, LUG			
* ET002	1-780-408-11	TERMINAL, LUG			
* ET003	1-780-408-11	TERMINAL, LUG			
* ET004	1-780-408-11	TERMINAL, LUG			
		< FERRITE BEAD >			
FB108	1-469-324-21	FERRITE, EMI (SMD) (2012)			
FB603	1-469-324-21	FERRITE, EMI (SMD) (2012)			
FB607	1-469-324-21	FERRITE, EMI (SMD) (2012)			
FB1114	1-500-903-21	EMI FERRITE (SMD)			
FB1264	1-469-118-21	FERRITE, EMI (SMD) (1608)			
FB1265	1-469-118-21	FERRITE, EMI (SMD) (1608)			
FB1266	1-469-118-21	FERRITE, EMI (SMD) (1608)			
FB1267	1-469-118-21	FERRITE, EMI (SMD) (1608)			
FB1268	1-469-118-21	FERRITE, EMI (SMD) (1608)			
		< FILTER >			
FL603	1-234-494-21	FILTER, EMI REMOVAL (SMD)			
		< IC >			
IC101	6-714-821-01	IC CXD9968R (LE)			
IC102	(Not supplied)	IC W25Q16BVSSIG			
IC104	6-714-642-01	IC EM638165 TSA-6G			
IC107	6-702-302-01	IC TK11133CSCL-G			
IC111	6-706-838-01	IC MM1661JHBE			
IC201	6-704-524-01	IC FAN8036L			
IC4601	6-710-554-01	IC PCM1808PWR			
IC4602	6-707-111-01	IC PCM1753DBQR			
IC4605	(Not supplied)	IC TAS3108DCPR			
IC4607	6-707-800-01	IC SRC4182			

Note: IC102 and IC4605 on the DMB21 board cannot exchange with single. When these parts on the DMB21 board are damaged, exchange the entire mounted board.

DMB21

Ref. No.	Part No.	Description			Remark
IC4608	8-759-680-48	IC TC7WH157FK			
IC4609	8-759-698-31	IC TC7WH74FK			
		< TRANSISTOR >			
Q101	6-550-008-01	TRANSISTOR	UM6K1N-TN		
Q102	6-550-653-01	TRANSISTOR	QST8TR		
Q103	8-729-029-06	TRANSISTOR	DTC124EUA-T106		
		< RESISTOR >			
R101	1-216-809-11	METAL CHIP	100	5%	1/10W
⚠ R102	1-218-990-81	SHORT CHIP	0		
⚠ R103	1-218-864-11	METAL CHIP	5.1K	0.5%	1/10W
R107	1-218-965-11	METAL CHIP	10K	5%	1/16W
R108	1-216-857-11	METAL CHIP	1M	5%	1/10W
R109	1-216-809-11	METAL CHIP	100	5%	1/10W
R110	1-216-841-11	METAL CHIP	47K	5%	1/10W
R111	1-216-809-11	METAL CHIP	100	5%	1/10W
R112	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R113	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R114	1-216-845-11	METAL CHIP	100K	5%	1/10W
R115	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R116	1-216-821-11	METAL CHIP	1K	5%	1/10W
R117	1-216-841-11	METAL CHIP	47K	5%	1/10W
R118	1-216-801-11	METAL CHIP	22	5%	1/10W
R120	1-216-801-11	METAL CHIP	22	5%	1/10W
R121	1-216-801-11	METAL CHIP	22	5%	1/10W
R122	1-216-833-11	METAL CHIP	10K	5%	1/10W
R123	1-216-809-11	METAL CHIP	100	5%	1/10W
R124	1-216-841-11	METAL CHIP	47K	5%	1/10W
R125	1-216-833-11	METAL CHIP	10K	5%	1/10W
R133	1-218-990-81	SHORT CHIP	0		
R136	1-218-967-11	METAL CHIP	15K	5%	1/16W
R142	1-218-977-11	METAL CHIP	100K	5%	1/16W
R154	1-216-295-91	SHORT CHIP	0		
R155	1-216-295-91	SHORT CHIP	0		
R156	1-218-941-81	METAL CHIP	100	5%	1/16W
R204	1-218-954-11	METAL CHIP	1.2K	5%	1/16W
R205	1-218-965-11	METAL CHIP	10K	5%	1/16W
R206	1-218-965-11	METAL CHIP	10K	5%	1/16W
R207	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R208	1-218-971-11	METAL CHIP	33K	5%	1/16W
R209	1-218-971-11	METAL CHIP	33K	5%	1/16W
R210	1-218-973-11	METAL CHIP	47K	5%	1/16W
R212	1-218-965-11	METAL CHIP	10K	5%	1/16W
R213	1-218-963-11	METAL CHIP	6.8K	5%	1/16W
R214	1-218-967-11	METAL CHIP	15K	5%	1/16W
R215	1-218-966-11	METAL CHIP	12K	5%	1/16W
R216	1-218-966-11	METAL CHIP	12K	5%	1/16W
R219	1-218-970-11	METAL CHIP	27K	5%	1/16W
R220	1-216-821-11	METAL CHIP	1K	5%	1/10W
R221	1-218-889-11	METAL CHIP	56K	0.5%	1/10W
R223	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R224	1-218-965-11	METAL CHIP	10K	5%	1/16W
R225	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R226	1-218-889-11	METAL CHIP	56K	0.5%	1/10W
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

Ref. No.	Part No.	Description			Remark
R246	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R247	1-218-953-11	METAL CHIP	1K	5%	1/16W
R256	1-218-965-11	METAL CHIP	10K	5%	1/16W
R521	1-218-965-11	METAL CHIP	10K	5%	1/16W
R601	1-216-295-91	SHORT CHIP	0		
R604	1-216-295-91	SHORT CHIP	0		
R605	1-216-295-91	SHORT CHIP	0		
R606	1-216-295-91	SHORT CHIP	0		
R608	1-216-295-91	SHORT CHIP	0		
R611	1-216-295-91	SHORT CHIP	0		
R612	1-216-295-91	SHORT CHIP	0		
R630	1-218-990-81	SHORT CHIP	0		
R1101	1-208-677-11	METAL CHIP	560	0.5%	1/16W
R1105	1-216-295-91	SHORT CHIP	0		
R1110	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R1121	1-218-990-81	SHORT CHIP	0		
R1123	1-218-990-81	SHORT CHIP	0		
R1129	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1150	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
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	1-218-947-11	METAL CHIP	330	5%	1/16W
R1177	1-218-990-81	SHORT CHIP	0		
R1178	1-218-953-11	METAL CHIP	1K	5%	1/16W
R1184	1-218-941-81	METAL CHIP	100	5%	1/16W
R1191	1-218-990-81	SHORT CHIP	0		
R1192	1-218-990-81	SHORT CHIP	0		
R1193	1-218-990-81	SHORT CHIP	0		
R1194	1-218-990-81	SHORT CHIP	0		
R1213	1-216-295-91	SHORT CHIP	0		
R1248	1-218-990-81	SHORT CHIP	0		
R1249	1-218-953-11	METAL CHIP	1K	5%	1/16W
R1250	1-216-295-91	SHORT CHIP	0		
R1252	1-216-295-91	SHORT CHIP	0		
R1255	1-216-295-91	SHORT CHIP	0		
R1256	1-216-295-91	SHORT CHIP	0		
R1261	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1262	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1263	1-216-864-11	SHORT CHIP	0		
R1269	1-218-941-81	METAL CHIP	100	5%	1/16W
R1276	1-218-990-81	SHORT CHIP	0		
R1277	1-218-941-81	METAL CHIP	100	5%	1/16W
R1278	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1279	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1280	1-218-990-81	SHORT CHIP	0		
R1281	1-218-990-81	SHORT CHIP	0		
R1282	1-218-990-81	SHORT CHIP	0		
R1283	1-216-864-11	SHORT CHIP	0		
R1290	1-216-295-91	SHORT CHIP	0		
R4601	1-218-941-81	METAL CHIP	100	5%	1/16W
R4602	1-218-941-81	METAL CHIP	100	5%	1/16W
R4606	1-218-933-11	METAL CHIP	22	5%	1/16W
R4608	1-218-990-81	SHORT CHIP	0		
R4609	1-218-990-81	SHORT CHIP	0		
R4611	1-218-990-81	SHORT CHIP	0		
R4833	1-216-864-11	SHORT CHIP	0		
R4834	1-216-864-11	SHORT CHIP	0		
R4835	1-216-295-91	SHORT CHIP	0		
R4837	1-216-864-11	SHORT CHIP	0		
R4838	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description			Remark
R4839	1-218-990-81	SHORT CHIP	0		
R4841	1-218-937-11	METAL CHIP	47	5%	1/16W
R4842	1-218-937-11	METAL CHIP	47	5%	1/16W
R4843	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4844	1-218-941-81	METAL CHIP	100	5%	1/16W
R4845	1-218-941-81	METAL CHIP	100	5%	1/16W
R4846	1-218-941-81	METAL CHIP	100	5%	1/16W
R4847	1-218-941-81	METAL CHIP	100	5%	1/16W
R4848	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R4849	1-216-295-91	SHORT CHIP	0		
R4850	1-218-990-81	SHORT CHIP	0		
R4851	1-218-941-81	METAL CHIP	100	5%	1/16W
R4852	1-218-937-11	METAL CHIP	47	5%	1/16W
R4853	1-218-937-11	METAL CHIP	47	5%	1/16W
R4854	1-218-937-11	METAL CHIP	47	5%	1/16W
R4855	1-218-990-81	SHORT CHIP	0		
R4856	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4857	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4858	1-218-937-11	METAL CHIP	47	5%	1/16W
R4859	1-218-937-11	METAL CHIP	47	5%	1/16W
R4861	1-218-941-81	METAL CHIP	100	5%	1/16W
R4862	1-218-937-11	METAL CHIP	47	5%	1/16W
R4867	1-218-937-11	METAL CHIP	47	5%	1/16W
R4870	1-218-941-81	METAL CHIP	100	5%	1/16W
R4871	1-218-941-81	METAL CHIP	100	5%	1/16W
R4872	1-218-941-81	METAL CHIP	100	5%	1/16W
R4873	1-218-990-81	SHORT CHIP	0		
R4874	1-218-990-81	SHORT CHIP	0		
R4876	1-218-990-81	SHORT CHIP	0		
R4877	1-218-937-11	METAL CHIP	47	5%	1/16W
R4878	1-218-937-11	METAL CHIP	47	5%	1/16W
R4879	1-218-965-11	METAL CHIP	10K	5%	1/16W
		< COMPOSITION CIRCUIT BLOCK >			
RB105	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB106	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB107	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB108	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB111	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB112	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB113	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB114	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB115	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
		< VIBRATOR >			
X002	1-814-415-11	QUARTZ CRYSTAL UNIT (12.288MHz)			
X101	1-814-417-11	QUARTZ CRYSTAL UNIT (27MHz)			

****

Ref. No.	Part No.	Description			Remark
	A-1103-756-B	DRIVER BOARD, COMPLETE			
		**********************			
		< CAPACITOR >			
C715	1-126-933-11	ELECT	100uF	20%	16V
C731	1-126-964-11	ELECT	10uF	20%	50V
C735	1-164-159-21	CERAMIC	0.1uF		50V
C736	1-164-159-21	CERAMIC	0.1uF		50V
C737	1-164-159-21	CERAMIC	0.1uF		50V
C741	1-114-708-41	CERAMIC	0.01uF	10%	50V
C751	1-114-708-41	CERAMIC	0.01uF	10%	50V
C752	1-164-159-21	CERAMIC	0.1uF		50V
		< CONNECTOR >			
CN701	1-784-735-11	CONNECTOR, FFC 13P			
CN702	1-784-766-11	CONNECTOR, FFC 5P			
CN703	1-564-720-11	PIN, CONNECTOR (SMALL TYPE) 4P			
CN704	1-785-328-11	PIN, CONNECTOR (LIGHT ANGRE) 2P			
		< DIODE >			
D701	8-719-921-42	DIODE MTZJ-5.1A			
D711	8-719-109-69	DIODE RD3.6ESB2			
		< IC >			
IC701	8-759-598-69	IC BA6956AN			
IC712	8-759-598-69	IC BA6956AN			
		< TRANSISTOR >			
Q731	8-729-029-66	TRANSISTOR	DTC114ESA		
		< RESISTOR >			
R701	1-249-413-11	CARBON	470	5%	1/4W
R702	1-247-807-31	CARBON	100	5%	1/4W
R711	1-249-417-11	CARBON	1K	5%	1/4W
R712	1-249-425-11	CARBON	4.7K	5%	1/4W
R713	1-249-433-11	CARBON	22K	5%	1/4W
R721	1-249-425-11	CARBON	4.7K	5%	1/4W
R722	1-249-425-11	CARBON	4.7K	5%	1/4W
R723	1-249-425-11	CARBON	4.7K	5%	1/4W
R731	1-247-807-31	CARBON	100	5%	1/4W
R732	1-249-429-11	CARBON	10K	5%	1/4W
R733	1-249-417-11	CARBON	1K	5%	1/4W
R734	1-249-430-11	CARBON	12K	5%	1/4W
R736	1-249-412-11	CARBON	390	5%	1/4W
R751	1-249-425-11	CARBON	4.7K	5%	1/4W

****

Ref. No.	Part No.	Description			Remark
	A-1803-282-A	MAIN BOARD, COMPLETE (HCD-GTR555)			
	A-1803-292-A	MAIN BOARD, COMPLETE (HCD-GTR333: E2, E51, MX, AR)			
	A-1803-294-A	MAIN BOARD, COMPLETE (HCD-GTR777)			
	A-1803-296-A	MAIN BOARD, COMPLETE (HCD-GTR888)			
		********************			
		< CAPACITOR >			
C146	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V (HCD-GTR777/HCD-GTR888)
C510	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C511	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C513	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C514	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C516	1-117-681-11	ELECT CHIP	100uF	20%	16V
C519	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
* C520	1-114-582-11	CERAMIC CHIP	0.1uF	10%	16V
C562	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C574	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C598	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C599	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C601	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C603	1-124-779-00	ELECT CHIP	10uF	20%	16V
C604	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
C605	1-164-935-11	CERAMIC CHIP	470PF	10%	50V (HCD-GTR888)
C606	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V

MAIN

Ref. No.	Part No.	Description				Remark
C607	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V	
C640	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C642	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C643	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V	
C653	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C654	1-164-935-11	CERAMIC CHIP	470PF	10%	50V	
C655	1-164-935-11	CERAMIC CHIP	470PF	10%	50V	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
C657	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V	
C662	1-117-681-11	ELECT CHIP	100uF	20%	16V	
C705	1-125-837-91	CERAMIC CHIP	1uF	10%	6.3V	
C707	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C708	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C709	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C710	1-137-710-91	CERAMIC CHIP	10uF	20%	6.3V	
C711	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C712	1-164-858-11	CERAMIC CHIP	22PF	5%	50V	
C713	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V	
C714	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C715	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C716	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C717	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C718	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C719	1-137-710-91	CERAMIC CHIP	10uF	20%	6.3V	
C720	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C721	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C722	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C723	1-137-710-91	CERAMIC CHIP	10uF	20%	6.3V	
C724	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C725	1-137-710-91	CERAMIC CHIP	10uF	20%	6.3V	
C726	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C727	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C728	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C729	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C730	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C731	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C732	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C733	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C737	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C738	1-162-925-11	CERAMIC CHIP	68PF	5%	50V	
C739	1-164-874-11	CERAMIC CHIP	100PF	5%	50V	
C740	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C741	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C742	1-117-681-11	ELECT CHIP	100uF	20%	16V	
C746	1-164-935-11	CERAMIC CHIP	470PF	10%	50V	
C748	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C749	1-164-935-11	CERAMIC CHIP	470PF	10%	50V	
C755	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	(HCD-GTR777/HCD-GTR888)
C757	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	(HCD-GTR777/HCD-GTR888)
C759	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	(HCD-GTR777/HCD-GTR888)
C761	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	(HCD-GTR777/HCD-GTR888)
C763	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	(HCD-GTR777/HCD-GTR888)
C765	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	(HCD-GTR777/HCD-GTR888)
C767	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	(HCD-GTR777/HCD-GTR888)
C769	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	(HCD-GTR777/HCD-GTR888)
C771	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C772	1-112-793-11	ELECT CHIP	330uF	20%	16V	
C774	1-165-908-91	CERAMIC CHIP	1uF	10%	10V	
C791	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C800	1-117-681-11	ELECT CHIP	100uF	20%	16V	
C801	1-117-614-81	CERAMIC CHIP	0.0082uF	10%	16V	
C802	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C805	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V	
C806	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C807	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C808	1-117-614-81	CERAMIC CHIP	0.0082uF	10%	16V	
C809	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C810	1-124-779-00	ELECT CHIP	10uF	20%	16V	(HCD-GTR888)
C812	1-164-940-11	CERAMIC CHIP	0.0033uF	10%	16V	
C813	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C815	1-117-614-81	CERAMIC CHIP	0.0082uF	10%	16V	
C816	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C819	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	
C820	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C821	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	(EXCEPT HCD-GTR888)
C821	1-100-385-91	CERAMIC CHIP	0.47uF	10%	25V	(HCD-GTR888)
C822	1-126-936-11	ELECT	3300uF	20%	16V	
C823	1-117-681-11	ELECT CHIP	100uF	20%	16V	
C824	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C825	1-117-681-11	ELECT CHIP	100uF	20%	16V	
C826	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C827	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C828	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C829	1-137-765-21	ELECT CHIP	47uF	20%	16V	
C830	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C831	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	
C832	1-117-681-11	ELECT CHIP	100uF	20%	16V	
C833	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V	
C834	1-165-708-11	ELECT CHIP	47uF	20%	6.3V	
C835	1-164-935-11	CERAMIC CHIP	470PF	10%	50V	
C836	1-124-779-00	ELECT CHIP	10uF	20%	16V	(HCD-GTR333/HCD-GTR555/HCD-GTR888)
C836	1-128-996-11	ELECT CHIP	4.7uF	20%	50V	(HCD-GTR777)
C837	1-164-878-11	CERAMIC CHIP	150PF	5%	50V	
C838	1-164-878-11	CERAMIC CHIP	150PF	5%	50V	
C839	1-116-876-11	ELECT	22uF	20%	50V	
C840	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C841	1-116-876-11	ELECT	22uF	20%	50V	
C842	1-116-876-11	ELECT	22uF	20%	50V	
C843	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V	
C844	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
C846	1-100-579-81	CERAMIC CHIP	0.0056uF	10%	25V	
C847	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V	
C848	1-116-876-11	ELECT	22uF	20%	50V	
C849	1-116-876-11	ELECT	22uF	20%	50V	
C850	1-116-876-11	ELECT	22uF	20%	50V	
C853	1-100-579-81	CERAMIC CHIP	0.0056uF	10%	25V	
C854	1-137-765-21	ELECT CHIP	47uF	20%	16V	
C855	1-137-765-21	ELECT CHIP	47uF	20%	16V	
C856	1-137-765-21	ELECT CHIP	47uF	20%	16V	

MAIN

Ref. No.	Part No.	Description	Remark
C857	1-100-579-81	CERAMIC CHIP 0.0056uF 10% 25V	
C860	1-124-779-00	ELECT CHIP 10uF 20% 16V	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
C900	1-127-804-91	CERAMIC CHIP 100PF 1% 50V	
C901	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V	
C903	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V	
C904	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V	
C906	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V	
C908	1-131-664-91	CERAMIC CHIP 0.15uF 10% 10V	(HCD-GTR888)
C909	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
C911	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	(HCD-GTR888)
C912	1-164-935-11	CERAMIC CHIP 470PF 10% 50V	
C913	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	(HCD-GTR888)
C917	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	(HCD-GTR888)
C919	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	(HCD-GTR888)
C920	1-124-779-00	ELECT CHIP 10uF 20% 16V	(HCD-GTR888)
C921	1-124-779-00	ELECT CHIP 10uF 20% 16V	(HCD-GTR888)
C926	1-127-804-91	CERAMIC CHIP 100PF 1% 50V	
C927	1-127-804-91	CERAMIC CHIP 100PF 1% 50V	
C929	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V	
C932	1-100-436-91	CERAMIC CHIP 0.033uF 10% 25V	(HCD-GTR333)
C932	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	(HCD-GTR555)
C932	1-116-769-91	CERAMIC CHIP 0.056uF 10% 25V	(HCD-GTR777/HCD-GTR888)
C933	1-113-619-11	CERAMIC CHIP 0.47uF 10V	(HCD-GTR777/HCD-GTR888)
C933	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V	(HCD-GTR333/HCD-GTR555)
C935	1-127-804-91	CERAMIC CHIP 100PF 1% 50V	
C936	1-112-692-11	CERAMIC CHIP 1000PF 5% 50V	
C938	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V	
C943	1-116-769-91	CERAMIC CHIP 0.056uF 10% 25V	(HCD-GTR777/HCD-GTR888)
C943	1-131-664-91	CERAMIC CHIP 0.15uF 10% 10V	(HCD-GTR333)
C944	1-117-949-81	CERAMIC CHIP 820PF 10% 50V	
C945	1-124-779-00	ELECT CHIP 10uF 20% 16V	
C947	1-124-779-00	ELECT CHIP 10uF 20% 16V	
C948	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	
C949	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	
C950	1-127-804-91	CERAMIC CHIP 100PF 1% 50V	
C951	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V	
C953	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V	
C954	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V	
C956	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V	
C958	1-116-769-91	CERAMIC CHIP 0.056uF 10% 25V	(HCD-GTR555/HCD-GTR777)
C958	1-131-664-91	CERAMIC CHIP 0.15uF 10% 10V	(HCD-GTR888)
C961	1-116-769-91	CERAMIC CHIP 0.056uF 10% 25V	(HCD-GTR555)
C961	1-110-563-11	CERAMIC CHIP 0.068uF 10% 16V	(HCD-GTR777)
C961	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	(HCD-GTR888)
C962	1-164-935-11	CERAMIC CHIP 470PF 10% 50V	
C963	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
C966	1-124-779-00	ELECT CHIP 10uF 20% 16V	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
C967	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
C969	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
C970	1-124-779-00	ELECT CHIP 10uF 20% 16V	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
C976	1-127-804-91	CERAMIC CHIP 100PF 1% 50V	
C977	1-127-804-91	CERAMIC CHIP 100PF 1% 50V	
C979	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V	
C981	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	
C982	1-100-436-91	CERAMIC CHIP 0.033uF 10% 25V	(HCD-GTR333)
C982	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V	(HCD-GTR555)
C982	1-116-769-91	CERAMIC CHIP 0.056uF 10% 25V	(HCD-GTR777/HCD-GTR888)
C983	1-113-619-11	CERAMIC CHIP 0.47uF 10V	(HCD-GTR777/HCD-GTR888)
C983	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V	(HCD-GTR333/HCD-GTR555)
C985	1-127-804-91	CERAMIC CHIP 100PF 1% 50V	
C986	1-112-692-11	CERAMIC CHIP 1000PF 5% 50V	
C988	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V	
C993	1-116-769-91	CERAMIC CHIP 0.056uF 10% 25V	(HCD-GTR777/HCD-GTR888)
C993	1-131-664-91	CERAMIC CHIP 0.15uF 10% 10V	(HCD-GTR333)
C994	1-117-949-81	CERAMIC CHIP 820PF 10% 50V	
C995	1-124-779-00	ELECT CHIP 10uF 20% 16V	
C997	1-162-920-11	CERAMIC CHIP 27PF 5% 50V	
C999	1-117-681-11	ELECT CHIP 100uF 20% 16V	
		< CONNECTOR >	
CN501	1-842-644-11	CONNECTOR, BOARD TO BOARD 14P	
CN502	1-842-644-11	CONNECTOR, BOARD TO BOARD 14P	(HCD-GTR888)
CN503	1-842-642-11	CONNECTOR, BOARD TO BOARD 12P	(HCD-GTR555/HCD-GTR777)
* CN504	1-793-709-11	CONNECTOR, BOARD TO BOARD 10P	(HCD-GTR333)
CN513	1-568-826-11	CONNECTOR, FFC 7P	
CN601	1-784-778-11	CONNECTOR, FFC 17P	
CN700	1-784-774-11	CONNECTOR, FFC 13P	
CN701	1-794-509-11	PIN, CONNECTOR (PC BOARD) (3P)	
CN702	1-785-468-51	CONNECTOR, FFC/FPC 13P	
CN703	1-785-466-51	CONNECTOR, FFC/FPC 7P	
CN704	1-785-728-21	PIN (PC BOARD), CONNECTOR 7P	
CN705	1-784-929-11	PIN, CONNECTOR 14P	
CN707	1-764-250-21	PIN, CONNECTOR (PC BOARD) 4P	(HCD-GTR777/HCD-GTR888)
CN800	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P	(LED SPEAKER FRONT L) (HCD-GTR777/HCD-GTR888)
CN801	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P	(LED SPEAKER FRONT R) (HCD-GTR777/HCD-GTR888)
CN802	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P	(LED SPEAKER SUBWOOFER L) (HCD-GTR777/HCD-GTR888)

MAIN

Ref. No.	Part No.	Description	Remark
CN803	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P (LED SPEAKER SUBWOOFER R) (HCD-GTR777/HCD-GTR888)	
		< DIODE >	
D507	6-500-334-01	DIODE MC2836-T112-1	
D508	6-502-961-01	DI DA2J10100L	
D509	6-502-961-01	DI DA2J10100L	
D600	6-502-961-01	DI DA2J10100L	
D601	6-500-848-01	DIODE MC2840-T112-1	
D602	6-502-961-01	DI DA2J10100L	
D704	6-500-848-01	DIODE MC2840-T112-1	
		< EARTH TERMINAL >	
* ET700	1-780-408-11	TERMINAL, LUG	
* ET800	1-780-408-11	TERMINAL, LUG	
		< FUSE >	
F800	1-523-130-31	FUSE 0.5A 50V (HCD-GTR777/HCD-GTR888)	
		< FERRITE BEAD >	
FB700	1-469-121-21	FERRITE, EMI (SMD) (1608)	
FB701	1-414-445-21	FERRITE, EMI (SMD) (1608)	
FB702	1-414-445-21	FERRITE, EMI (SMD) (1608)	
		< IC >	
IC500	A-1835-090-A	IC R5F3650KBDFA (for SERVICE)	
IC508	6-704-191-01	IC S-80829CNNB-B8OT2G	
IC600	8-759-100-96	IC uPC4558G2	
IC700	6-716-675-01	IC USB2512B-AEZG	
IC701	6-716-739-01	IC BD00GC0WEFJ-SE2	
IC702	8-759-338-95	IC NJM2903V (TE2)	
IC800	6-716-554-11	IC BD9329AEFJ-E2	
IC801	6-716-554-11	IC BD9329AEFJ-E2	
IC802	6-716-554-11	IC BD9329AEFJ-E2	
IC803	6-715-078-01	IC KIA7809AF/API	
IC804	6-703-639-01	IC TK11140CSCL-G	
IC805	8-759-100-96	IC uPC4558G2 (HCD-GTR555/HCD-GTR777/HCD-GTR888)	
IC806	6-712-027-01	IC R2A15216FP	
IC900	8-759-100-96	IC uPC4558G2 (HCD-GTR888)	
IC901	8-759-100-96	IC uPC4558G2	
IC950	8-759-100-96	IC uPC4558G2 (HCD-GTR555/HCD-GTR777/HCD-GTR888)	
		< JACK >	
J500	1-794-981-11	JACK, PIN 4P (TV IN/ DVD/PC IN/ AUDIO IN L/R)	
		< COIL >	
L700	1-414-406-11	INDUCTOR 220UH	
L800	1-481-903-11	CHOKE COIL 33UH	
L801	1-481-903-11	CHOKE COIL 33UH	
L802	1-481-903-11	CHOKE COIL 33UH	
L806	1-481-903-11	CHOKE COIL 33UH	
		< TRANSISTOR >	
Q506	8-729-038-23	TRANSISTOR RT1N141C-TP-1	
Q507	8-729-038-23	TRANSISTOR RT1N141C-TP-1	
Q701	6-551-451-01	TRANSISTOR 2SB1690TL	
Q702	6-551-451-01	TRANSISTOR 2SB1690TL	

Ref. No.	Part No.	Description	Remark
Q703	6-551-551-01	TRANSISTOR RT3N77M-TP-1	
Q704	6-552-681-01	TR RT3NDDM-T111-1 (HCD-GTR777/HCD-GTR888)	
Q707	6-552-681-01	TR RT3NDDM-T111-1 (HCD-GTR777/HCD-GTR888)	
Q709	6-552-681-01	TR RT3NDDM-T111-1 (HCD-GTR777/HCD-GTR888)	
Q711	6-552-681-01	TR RT3NDDM-T111-1 (HCD-GTR777/HCD-GTR888)	
Q715	8-729-038-23	TRANSISTOR RT1N141C-TP-1	
Q716	6-551-728-01	TRANSISTOR 2SB1710TL	
Q802	6-551-691-01	TRANSISTOR RT3P11M-TP-1	
Q806	6-551-451-01	TRANSISTOR 2SB1690TL	
Q807	8-729-038-23	TRANSISTOR RT1N141C-TP-1	
Q809	6-552-681-01	TR RT3NDDM-T111-1	
Q811	8-729-038-23	TRANSISTOR RT1N141C-TP-1	
Q900	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q902	6-551-272-01	TRANSISTOR RT3CLLM	
Q950	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q954	6-552-867-01	TR TRANSISTOR (HCD-GTR555/HCD-GTR777/HCD-GTR888)	
		< RESISTOR >	
R504	1-218-941-81	METAL CHIP 100 5% 1/16W	
R505	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R506	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R507	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R510	1-245-604-11	METAL CHIP 10M 5% 1/16W	
R511	1-218-981-91	METAL CHIP 220K 5% 1/16W	
R513	1-218-989-11	METAL CHIP 1M 5% 1/16W	
R515	1-218-990-81	SHORT CHIP 0	
R519	1-218-973-11	METAL CHIP 47K 5% 1/16W	
R526	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R527	1-218-941-81	METAL CHIP 100 5% 1/16W	
R528	1-218-941-81	METAL CHIP 100 5% 1/16W	
R529	1-218-965-11	METAL CHIP 10K 5% 1/16W	
R530	1-218-965-11	METAL CHIP 10K 5% 1/16W	
R535	1-218-941-81	METAL CHIP 100 5% 1/16W	
R536	1-218-941-81	METAL CHIP 100 5% 1/16W	
R537	1-218-941-81	METAL CHIP 100 5% 1/16W	
R541	1-218-965-11	METAL CHIP 10K 5% 1/16W	
R546	1-218-965-11	METAL CHIP 10K 5% 1/16W	
R547	1-218-941-81	METAL CHIP 100 5% 1/16W	
R548	1-218-941-81	METAL CHIP 100 5% 1/16W	
R552	1-218-941-81	METAL CHIP 100 5% 1/16W	
R563	1-218-941-81	METAL CHIP 100 5% 1/16W	
R565	1-218-941-81	METAL CHIP 100 5% 1/16W	
R566	1-218-941-81	METAL CHIP 100 5% 1/16W	
R567	1-218-949-11	METAL CHIP 470 5% 1/16W	
R568	1-218-941-81	METAL CHIP 100 5% 1/16W	
R569	1-218-941-81	METAL CHIP 100 5% 1/16W	
R575	1-218-941-81	METAL CHIP 100 5% 1/16W	
R577	1-218-941-81	METAL CHIP 100 5% 1/16W	
R578	1-218-941-81	METAL CHIP 100 5% 1/16W	
R579	1-218-941-81	METAL CHIP 100 5% 1/16W	
R593	1-218-973-11	METAL CHIP 47K 5% 1/16W (HCD-GTR555/HCD-GTR777/HCD-GTR888)	
R594	1-218-949-11	METAL CHIP 470 5% 1/16W	
R600	1-218-961-11	METAL CHIP 4.7K 5% 1/16W	
R601	1-218-971-11	METAL CHIP 33K 5% 1/16W	
R602	1-218-959-11	METAL CHIP 3.3K 5% 1/16W	

MAIN

Ref. No.	Part No.	Description			Remark
R603	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R604	1-218-965-11	METAL CHIP	10K	5%	1/16W
					(HCD-GTR777/HCD-GTR888)
R605	1-218-967-11	METAL CHIP	15K	5%	1/16W
R606	1-218-990-81	SHORT CHIP	0		
R607	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R609	1-218-979-11	METAL CHIP	150K	5%	1/16W
R634	1-218-973-11	METAL CHIP	47K	5%	1/16W
R643	1-218-953-11	METAL CHIP	1K	5%	1/16W
R644	1-218-965-11	METAL CHIP	1K	5%	1/16W
R645	1-218-965-11	METAL CHIP	10K	5%	1/16W
R647	1-218-955-11	METAL CHIP	1.5K	5%	1/16W
R648	1-218-955-11	METAL CHIP	1.5K	5%	1/16W
R650	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R656	1-218-990-81	SHORT CHIP	0		
R658	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R667	1-218-967-11	METAL CHIP	15K	5%	1/16W
R668	1-218-965-11	METAL CHIP	10K	5%	1/16W
R670	1-218-965-11	METAL CHIP	10K	5%	1/16W
R672	1-218-965-11	METAL CHIP	10K	5%	1/16W
R673	1-218-965-11	METAL CHIP	10K	5%	1/16W
R674	1-218-965-11	METAL CHIP	10K	5%	1/16W
R677	1-218-955-11	METAL CHIP	1.5K	5%	1/16W
R678	1-218-955-11	METAL CHIP	1.5K	5%	1/16W
R684	1-218-965-11	METAL CHIP	10K	5%	1/16W
R685	1-218-965-11	METAL CHIP	10K	5%	1/16W
R695	1-218-965-11	METAL CHIP	10K	5%	1/16W
R700	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R701	1-218-881-11	METAL CHIP	27K	0.5%	1/10W
R702	1-218-881-11	METAL CHIP	27K	0.5%	1/10W
R703	1-218-941-81	METAL CHIP	100	5%	1/16W
R704	1-218-965-11	METAL CHIP	10K	5%	1/16W
R705	1-218-965-11	METAL CHIP	10K	5%	1/16W
R706	1-218-949-11	METAL CHIP	470	5%	1/16W
R707	1-218-953-11	METAL CHIP	1K	5%	1/16W
R708	1-218-941-81	METAL CHIP	100	5%	1/16W
R710	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R711	1-218-989-11	METAL CHIP	1M	5%	1/16W
R712	1-218-977-11	METAL CHIP	100K	5%	1/16W
R713	1-218-977-11	METAL CHIP	100K	5%	1/16W
R717	1-218-941-81	METAL CHIP	100	5%	1/16W
R718	1-218-941-81	METAL CHIP	100	5%	1/16W
R719	1-218-977-11	METAL CHIP	100K	5%	1/16W
R720	1-218-977-11	METAL CHIP	100K	5%	1/16W
R721	1-218-977-11	METAL CHIP	100K	5%	1/16W
R722	1-218-969-11	METAL CHIP	22K	5%	1/16W
R723	1-218-969-11	METAL CHIP	22K	5%	1/16W
R724	1-218-948-11	METAL CHIP	390	5%	1/16W
R725	1-218-948-11	METAL CHIP	390	5%	1/16W
R726	1-248-311-11	RES-CHIP	0.1	1%	1/4W
R727	1-248-311-11	RES-CHIP	0.1	1%	1/4W
R735	1-218-990-81	SHORT CHIP	0		
R736	1-218-990-81	SHORT CHIP	0		
R738	1-218-990-81	SHORT CHIP	0		
R739	1-257-173-21	METAL CHIP	560	5%	1/2W
					(HCD-GTR777/HCD-GTR888)
R740	1-257-173-21	METAL CHIP	560	5%	1/2W
					(HCD-GTR777/HCD-GTR888)
R741	1-257-173-21	METAL CHIP	560	5%	1/2W
					(HCD-GTR777/HCD-GTR888)

Ref. No.	Part No.	Description			Remark
R743	1-257-173-21	METAL CHIP	560	5%	1/2W
					(HCD-GTR777/HCD-GTR888)
R744	1-257-173-21	METAL CHIP	560	5%	1/2W
					(HCD-GTR777/HCD-GTR888)
R745	1-257-173-21	METAL CHIP	560	5%	1/2W
					(HCD-GTR777/HCD-GTR888)
R746	1-257-173-21	METAL CHIP	560	5%	1/2W
					(HCD-GTR777/HCD-GTR888)
R747	1-257-173-21	METAL CHIP	560	5%	1/2W
					(HCD-GTR777/HCD-GTR888)
R748	1-218-990-81	SHORT CHIP	0		
R750	1-216-296-11	SHORT CHIP	0		
R751	1-218-977-11	METAL CHIP	100K	5%	1/16W
R752	1-218-977-11	METAL CHIP	100K	5%	1/16W
R754	1-216-295-91	SHORT CHIP	0		
R755	1-216-295-91	SHORT CHIP	0		
R757	1-218-990-81	SHORT CHIP	0		
R758	1-218-990-81	SHORT CHIP	0		
R759	1-218-990-81	SHORT CHIP	0		
R760	1-218-965-11	METAL CHIP	10K	5%	1/16W
R761	1-216-295-91	SHORT CHIP	0		
R762	1-218-933-11	METAL CHIP	22	5%	1/16W
R763	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R764	1-218-973-11	METAL CHIP	47K	5%	1/16W
					(HCD-GTR333/HCD-GTR555/HCD-GTR777)
R764	1-218-975-11	METAL CHIP	68K	5%	1/16W
					(HCD-GTR888)
R765	1-218-933-11	METAL CHIP	22	5%	1/16W
R766	1-218-933-11	METAL CHIP	22	5%	1/16W
R767	1-218-990-81	SHORT CHIP	0		
R768	1-218-965-11	METAL CHIP	10K	5%	1/16W
R769	1-218-990-81	SHORT CHIP	0		
R800	1-218-965-11	METAL CHIP	10K	5%	1/16W
R801	1-216-838-11	METAL CHIP	27K	5%	1/10W
R802	1-218-989-11	METAL CHIP	1M	5%	1/16W
R804	1-218-985-11	METAL CHIP	470K	5%	1/16W
R805	1-218-953-11	METAL CHIP	1K	5%	1/16W
R806	1-218-953-11	METAL CHIP	1K	5%	1/16W
R807	1-216-296-11	SHORT CHIP	0		
R808	1-216-296-11	SHORT CHIP	0		
R809	1-218-965-11	METAL CHIP	10K	5%	1/16W
R810	1-216-841-11	METAL CHIP	47K	5%	1/10W
					(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R811	1-218-985-11	METAL CHIP	470K	5%	1/16W
					(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R812	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
					(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R813	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R814	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R815	1-216-841-11	METAL CHIP	47K	5%	1/10W
R816	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
					(HCD-GTR888)
R819	1-218-929-11	METAL CHIP	10	5%	1/16W
R820	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R824	1-218-990-81	SHORT CHIP	0 (HCD-GTR888)		
R825	1-218-990-81	SHORT CHIP	0 (HCD-GTR555/HCD-GTR777)		
R826	1-218-941-81	METAL CHIP	100	5%	1/16W
R827	1-218-929-11	METAL CHIP	10	5%	1/16W
R828	1-218-929-11	METAL CHIP	10	5%	1/16W
R844	1-216-833-11	METAL CHIP	10K	5%	1/10W
					(HCD-GTR555)

MAIN

Ref. No.	Part No.	Description				Remark
R844	1-216-837-11	METAL CHIP	22K	5%	1/10W	(HCD-GTR777)
R844	1-216-841-11	METAL CHIP	47K	5%	1/10W	(HCD-GTR888)
R844	1-216-864-11	SHORT CHIP	0			(HCD-GTR333: E2, E51, MX, AR)
R845	1-218-966-11	METAL CHIP	12K	5%	1/16W	
R846	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	
R847	1-218-887-11	METAL CHIP	47K	0.5%	1/10W	
R848	1-218-990-81	SHORT CHIP	0			
R849	1-208-908-11	METAL CHIP	7.5K	0.5%	1/16W	
R850	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	
R851	1-218-881-11	METAL CHIP	27K	0.5%	1/10W	
R852	1-218-990-81	SHORT CHIP	0			
R853	1-218-969-11	METAL CHIP	22K	5%	1/16W	
R854	1-218-965-11	METAL CHIP	10K	5%	1/16W	
R855	1-218-976-11	METAL CHIP	82K	5%	1/16W	
R856	1-218-964-11	METAL CHIP	8.2K	5%	1/16W	
R866	1-218-961-11	METAL CHIP	4.7K	5%	1/16W	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R900	1-218-941-81	METAL CHIP	100	5%	1/16W	
R901	1-218-973-11	METAL CHIP	47K	5%	1/16W	
R904	1-218-941-81	METAL CHIP	100	5%	1/16W	
R905	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R906	1-216-820-11	METAL CHIP	820	5%	1/10W	(HCD-GTR777/HCD-GTR888)
R906	1-216-821-11	METAL CHIP	1K	5%	1/10W	(HCD-GTR555)
R906	1-220-373-11	METAL CHIP	620	5%	1/10W	(HCD-GTR333)
R908	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R909	1-218-941-81	METAL CHIP	100	5%	1/16W	(HCD-GTR888)
R910	1-216-845-11	METAL CHIP	100K	5%	1/10W	(HCD-GTR888)
R912	1-218-961-11	METAL CHIP	4.7K	5%	1/16W	
R913	1-216-845-11	METAL CHIP	100K	5%	1/10W	(HCD-GTR888)
R914	1-218-971-11	METAL CHIP	33K	5%	1/16W	(HCD-GTR888)
R915	1-216-845-11	METAL CHIP	100K	5%	1/10W	(HCD-GTR888)
R916	1-216-833-11	METAL CHIP	10K	5%	1/10W	(HCD-GTR888)
R917	1-216-833-11	METAL CHIP	10K	5%	1/10W	(HCD-GTR888)
R918	1-218-959-11	METAL CHIP	3.3K	5%	1/16W	(HCD-GTR888)
R919	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	(HCD-GTR888)
R920	1-216-828-11	METAL CHIP	3.9K	5%	1/10W	(HCD-GTR888)
R921	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R922	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	(HCD-GTR888)
R923	1-218-949-11	METAL CHIP	470	5%	1/16W	
R924	1-218-949-11	METAL CHIP	470	5%	1/16W	(HCD-GTR888)
R925	1-218-990-81	SHORT CHIP	0 (HCD-GTR888)			
R926	1-218-961-11	METAL CHIP	4.7K	5%	1/16W	(HCD-GTR888)
R927	1-218-961-11	METAL CHIP	4.7K	5%	1/16W	
R932	1-218-969-11	METAL CHIP	22K	5%	1/16W	
R933	1-218-969-11	METAL CHIP	22K	5%	1/16W	
R934	1-218-972-11	METAL CHIP	39K	5%	1/16W	
R935	1-218-972-11	METAL CHIP	39K	5%	1/16W	
R936	1-218-959-11	METAL CHIP	3.3K	5%	1/16W	
R937	1-218-965-11	METAL CHIP	10K	5%	1/16W	
R938	1-218-958-11	METAL CHIP	2.7K	5%	1/16W	
R939	1-218-961-11	METAL CHIP	4.7K	5%	1/16W	
R940	1-218-960-11	METAL CHIP	3.9K	5%	1/16W	
R941	1-218-958-11	METAL CHIP	2.7K	5%	1/16W	
R942	1-216-801-11	METAL CHIP	22	5%	1/10W	
R950	1-218-941-81	METAL CHIP	100	5%	1/16W	
R951	1-218-973-11	METAL CHIP	47K	5%	1/16W	
R952	1-218-973-81	RES CHIP	47K	5%	1/16W	
R953	1-218-973-81	RES CHIP	47K	5%	1/16W	
R954	1-218-941-81	METAL CHIP	100	5%	1/16W	
R955	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R956	1-216-820-11	METAL CHIP	820	5%	1/10W	(HCD-GTR777/HCD-GTR888)
R956	1-216-821-11	METAL CHIP	1K	5%	1/10W	(HCD-GTR555)
R956	1-220-373-11	METAL CHIP	620	5%	1/10W	(HCD-GTR333)
R958	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R959	1-218-941-81	METAL CHIP	100	5%	1/16W	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R960	1-216-845-11	METAL CHIP	100K	5%	1/10W	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R963	1-216-845-11	METAL CHIP	100K	5%	1/10W	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R964	1-218-971-11	METAL CHIP	33K	5%	1/16W	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R965	1-216-845-11	METAL CHIP	100K	5%	1/10W	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R966	1-216-836-11	METAL CHIP	18K	5%	1/10W	(HCD-GTR555/HCD-GTR777)
R966	1-216-833-11	METAL CHIP	10K	5%	1/10W	(HCD-GTR888)
R967	1-216-833-11	METAL CHIP	10K	5%	1/10W	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R968	1-218-959-11	METAL CHIP	3.3K	5%	1/16W	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R969	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R970	1-216-828-11	METAL CHIP	3.9K	5%	1/10W	(HCD-GTR888)
R970	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	(HCD-GTR777)
R970	1-216-831-11	METAL CHIP	6.8K	5%	1/10W	(HCD-GTR555)
R971	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R972	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R973	1-218-949-11	METAL CHIP	470	5%	1/16W	
R974	1-218-949-11	METAL CHIP	470	5%	1/16W	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R975	1-218-990-81	SHORT CHIP	0			(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R976	1-218-961-11	METAL CHIP	4.7K	5%	1/16W	(HCD-GTR555/HCD-GTR777/HCD-GTR888)
R982	1-218-969-11	METAL CHIP	22K	5%	1/16W	
R983	1-218-969-11	METAL CHIP	22K	5%	1/16W	
R984	1-218-972-11	METAL CHIP	39K	5%	1/16W	
R985	1-218-972-11	METAL CHIP	39K	5%	1/16W	
R986	1-218-959-11	METAL CHIP	3.3K	5%	1/16W	

Ref. No.	Part No.	Description			Remark
R987	1-218-965-11	METAL CHIP	10K	5%	1/16W
R988	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R989	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R990	1-218-960-11	METAL CHIP	3.9K	5%	1/16W
R991	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R999	1-218-990-81	SHORT CHIP	0		
		< COMPOSITION CIRCUIT BLOCK >			
RB508	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB538	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB543	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB549	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB571	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB572	1-234-372-11	RES, NETWORK 100 (1005X4)			
		< VIBRATOR >			
X700	1-814-306-11	VIBRATOR, CRYSTAL (24MHz)			
X701	1-814-446-11	QUARTZ CRYSTAL UNIT (8MHz)			
X702	1-814-273-11	QUARTZ CRYSTAL UNIT (32.768kHz)			

MIC BOARD (HCD-GTR777/HCD-GTR888)

Ref. No.	Part No.	Description			Remark
		< CAPACITOR >			
C1300	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1301	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1303	1-115-872-11	ELECT	2.2uF	20%	50V
C1304	1-115-872-11	ELECT	2.2uF	20%	50V
C1306	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1307	1-115-872-11	ELECT	2.2uF	20%	50V
C1308	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1309	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1310	1-126-176-11	ELECT	220uF	20%	10V
C1311	1-126-176-11	ELECT	220uF	20%	10V
C1312	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1313	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1314	1-115-872-11	ELECT	2.2uF	20%	50V
C1315	1-162-925-11	CERAMIC CHIP	68PF	5%	50V
C1316	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1317	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1318	1-115-867-11	ELECT	0.1uF	20%	50V
C1319	1-126-795-11	ELECT	10uF	20%	50V
C1320	1-115-867-11	ELECT	0.1uF	20%	50V
C1321	1-115-867-11	ELECT	0.1uF	20%	50V
C1322	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
		< DIODE >			
D1300	6-500-848-01	DIODE MC2840-T112-1			
D1301	6-502-961-01	DI DA2J10100L			
		< IC >			
IC1301	8-759-100-96	IC uPC4558G2			
		< JACK >			
J1300	1-822-757-11	JACK (LARGE TYPE) (MIC)			
		< JUMPER RESISTOR >			
JR1300	1-216-296-11	SHORT CHIP	0		
JR1301	1-216-296-11	SHORT CHIP	0		
JR1302	1-216-296-11	SHORT CHIP	0		
JR1303	1-216-864-11	SHORT CHIP	0		
JR1304	1-216-864-11	SHORT CHIP	0		
		< TRANSISTOR >			
Q1301	6-551-696-01	TR	ISA1235AC1-T112-1EF		
Q1302	8-729-055-10	TRANSISTOR	2SK3378ENTL		
		< RESISTOR >			
R1300	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1301	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1302	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1303	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1304	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1305	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1306	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1307	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1308	1-216-809-11	METAL CHIP	100	5%	1/10W
R1309	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1310	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1311	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1312	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1313	1-216-817-11	METAL CHIP	470	5%	1/10W
R1314	1-216-849-11	METAL CHIP	220K	5%	1/10W
R1315	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1316	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1317	1-216-845-11	METAL CHIP	100K	5%	1/10W
		< VARIABLE RESISTOR >			
RV1300	1-227-452-11	RES, VAR, CARBON 50K (MIC LEVEL)			

MOTOR (TB) BOARD

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
CN742	1-784-727-11	CONNECTOR, FFC 5P	

MOTOR (LD) BOARD

SENSOR BOARD

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
CN731	1-785-329-21	PIN, CONNECTOR (LIGHT ANGLE) 3P	
		< IC >	
IC731	6-600-564-01	IC RPI-579N1	

SWITCH BOARD

Ref. No.	Part No.	Description	Remark
		< SWITCH >	
S751	1-786-514-11	SWITCH, LEVER (SLIDE) (OPEN/CLOSE ⏏)	

TUNER **USB** **VOLUME**

	Ref. No.	Part No.	Description			Remark
			TUNER BOARD			
			************			
			< CAPACITOR >			
	C1603	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
	C1604	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
	C1605	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
	C1606	1-114-565-81	CERAMIC CHIP	0.047uF	10%	16V
	C1608	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
	C1611	1-117-681-11	ELECT CHIP	100uF	20%	16V
	C1612	1-100-415-91	CERAMIC CHIP	0.47uF	10%	6.3V
	C1613	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
	C1614	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
	C1615	1-100-415-91	CERAMIC CHIP	0.47uF	10%	6.3V
	C1616	1-100-415-91	CERAMIC CHIP	0.47uF	10%	6.3V
	C1617	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
	C1618	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
	C1619	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
	C1620	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
	C1621	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
	C1622	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
			< CONNECTOR >			
	CN1601	1-568-826-11	CONNECTOR, FFC 7P			
*	CN1602	1-506-680-11	PLUG, CONNECTOR (2.5MM) 3P			
			< DIODE >			
	D1601	6-500-848-01	DIODE MC2840-T112-1			
	D1602	6-500-848-01	DIODE MC2840-T112-1			
	D1603	6-500-848-01	DIODE MC2840-T112-1			
			< FILTER >			
	FL1601	1-236-711-21	FILTER, BAND PASS			
			< IC >			
	IC1601	6-702-302-01	IC TK11133CSCL-G			
	IC1602	6-716-361-01	IC RS5B800-0002E2			
			< COIL >			
	L1601	1-457-998-11	COIL, AM ANTENNA			
*	L1602	1-400-973-21	INDUCTOR (EMI FERRITE)			
*	L1603	1-400-973-21	INDUCTOR (EMI FERRITE)			
			< RESISTOR >			
	R1601	1-218-941-81	METAL CHIP	100	5%	1/16W
	R1602	1-218-941-81	METAL CHIP	100	5%	1/16W
	R1603	1-218-941-81	METAL CHIP	100	5%	1/16W
	R1604	1-218-965-11	METAL CHIP	10K	5%	1/16W
	R1605	1-218-990-81	SHORT CHIP	0		
	R1606	1-218-965-11	METAL CHIP	10K	5%	1/16W
	R1607	1-218-990-81	SHORT CHIP	0		
	R1608	1-218-941-81	METAL CHIP	100	5%	1/16W
	R1609	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
			< VIBRATOR >			
	X1601	1-767-317-11	VIBRATOR, CRYSTAL (32.768kHz)			

****

Ref. No.	Part No.	Description			Remark
	A-1805-993-A	USB BOARD, COMPLETE			
		*******************			
		< CAPACITOR >			
C1502	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C1503	1-124-635-00	ELECT	220uF	20%	6.3V
C1504	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1505	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C1506	1-124-635-00	ELECT	220uF	20%	6.3V
C1507	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1508	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1509	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1510	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1515	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
		< CONNECTOR >			
CN1500	1-819-866-11	CONNECTOR, USB (A) (B REC/PLAY)			
CN1501	1-819-866-11	CONNECTOR, USB (A) (A PLAY)			
		< DIODE >			
D1500	6-503-388-01	DI 1L0352B13F0MIT02			
D1502	6-503-224-02	DI 1L0352V22F3MIT02			
D1503	6-503-388-01	DI 1L0352B13F0MIT02			
D1504	6-500-848-01	DIODE MC2840-T112-1			
D1505	6-500-848-01	DIODE MC2840-T112-1			
D1506	6-500-848-01	DIODE MC2840-T112-1			
D1507	6-500-848-01	DIODE MC2840-T112-1			
D1508	6-500-848-01	DIODE MC2840-T112-1			
D1509	6-500-848-01	DIODE MC2840-T112-1			
D1511	6-502-970-01	DI DZ2J068M0L			
D1513	6-502-970-01	DI DZ2J068M0L			
D1515	6-502-970-01	DI DZ2J068M0L			
D1517	6-502-970-01	DI DZ2J068M0L			
D1518	6-502-970-01	DI DZ2J068M0L			
D1519	6-502-970-01	DI DZ2J068M0L			
		< JUMPER RESISTOR >			
JR1501	1-216-296-11	SHORT CHIP	0		
JR1502	1-216-296-11	SHORT CHIP	0		
JR1503	1-216-296-11	SHORT CHIP	0		
JR1504	1-216-296-11	SHORT CHIP	0		
JR1505	1-216-296-11	SHORT CHIP	0		
JR1506	1-216-296-11	SHORT CHIP	0		
		< RESISTOR >			
R1502	1-257-173-21	METAL CHIP	560	5%	1/2W
R1507	1-257-173-21	METAL CHIP	560	5%	1/2W
R1512	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1513	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

****

Ref. No.	Part No.	Description			Remark
		VOLUME BOARD			
		*************			
		< CAPACITOR >			
C1299	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
		< DIODE >			
D1201	6-503-224-02	DI 1L0352V22F3MIT02			
D1202	6-503-224-02	DI 1L0352V22F3MIT02			
D1203	6-503-224-02	DI 1L0352V22F3MIT02			

Ref. No.	Part No.	Description			Remark
D1204	6-503-224-02	DI 1L0352V22F3MIT02			
D1205	6-503-224-02	DI 1L0352V22F3MIT02			
D1206	6-503-224-02	DI 1L0352V22F3MIT02			
		< JUMPER RESISTOR >			
JR1202	1-216-296-11	SHORT CHIP	0		
		< RESISTOR >			
R1232	1-257-173-21	METAL CHIP	560	5%	1/2W
R1233	1-257-173-21	METAL CHIP	560	5%	1/2W
R1234	1-257-173-21	METAL CHIP	560	5%	1/2W
R1235	1-257-173-21	METAL CHIP	560	5%	1/2W
R1236	1-257-173-21	METAL CHIP	560	5%	1/2W
R1237	1-257-173-21	METAL CHIP	560	5%	1/2W
R1262	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1263	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1264	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1265	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1266	1-216-833-11	METAL CHIP	10K	5%	1/10W
		< SWITCH >			
S1200	1-771-410-21	SWITCH, TACTILE (TUNING - ◀ ⏮ ◀◀)			
S1201	1-771-410-21	SWITCH, TACTILE (▲ 🗀+)			
S1202	1-771-410-21	SWITCH, TACTILE (TUNING + ▶ ▶▶ ⏭)			
S1203	1-771-410-21	SWITCH, TACTILE (🗀– ▼)			
S1204	1-771-410-21	SWITCH, TACTILE (ENTER)			
S1250	1-489-648-11	ROTARY ENCODER (MASTER VOLUME)			

****

MISCELLANEOUS
****

Ref. No.	Part No.	Description
6	1-828-947-11	WIRE (FLAT TYPE) (7 CORE)
52	1-828-995-11	WIRE (FLAT TYPE) (17 CORE)
⚠ 102	1-855-006-11	FAN, DC
⚠ 156	1-569-007-12	ADAPTOR, CONVERSION 2P (E2, E51)
⚠ 157	1-837-312-11	CORD, POWER-SUPPLY (AR)
⚠ 157	1-837-344-11	CORD, POWER-SUPPLY (EXCEPT AR)
⚠ 158	4-966-267-12	BUSHING (FBS001), CORD
159	1-457-369-12	CORE, FERRITE
201	1-839-205-11	WIRE (FLAT TYPE) (7 CORE)
202	1-839-206-11	WIRE (FLAT TYPE) (13 CORE)
203	1-830-688-51	WIRE (FLAT TYPE) (24 CORE)
206	1-828-938-51	WIRE (FLAT TYPE) (5 CORE)
267	1-828-423-11	WIRE (FLAT TYPE) (24 CORE)
270	1-828-971-11	WIRE (FLAT TYPE) (13 CORE)
M741	A-1108-965-A	MOTOR ASSY, TABLE
M751	A-1143-804-A	MOTOR ASSY, LOADING
RE701	1-477-680-12	ENCODER, ROTARY (DISC TRAY ADDRESS DETECT)

****

Note: If wire (flat type) is replaced, install it after bending it in the same form as that before replacement.

REVISION HISTORY

Checking the version allows you to jump to the revised page.
Also, clicking the version at the top of the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2011.05	New