

NAS-E35HD/SS-CE35HD

SERVICE MANUAL

Ver. 1.0 2008.05

AEP Model
UK Model
E Model
Australian Model



- SS-CE35HD is the speaker system of NAS-E35HD.

CD Section	Model Name Using Similar Drive	NEW
	Optical Pick-up Block Name	KSM215DHAP
HD Section	Model Name Using Similar Drive	NEW
	Hard Disc Drive Name	HDD/SG-NIGHTHAWK-S (80GB)

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SPECIFICATIONS

Amplifier section

European model:

DIN power output (rated):

24 + 24 W (8 Ω at 1 kHz, DIN)

Continuous RMS power output (reference):

30 + 30 W (8 Ω at 1 kHz, 10 % THD)

Music Power output (reference):

30 + 30 W (8 Ω at 1 kHz, 10 % THD)

Other models:

DIN power output (rated):

24 + 24 W (8 Ω at 1 kHz, DIN)

Continuous RMS power output (reference):

30 + 30 W (8 Ω at 1 kHz, 10 % THD)

HDD Jukebox section

Capacity:

80 GB*

- * A portion of the memory is used for system management functions. Actual available memory is approx. 72 GB.

Recording system:

MP3

Maximum recording time (measured with MP3 128 kbps):

About 1,300 h

Maximum number of tracks:

20,000

Maximum number of albums:

2,000

CD 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

USB section

Supported bit rate

MP3 (MPEG-1 Audio Layer3):

32 - 320 kbps, VBR

WMA:

48 - 192 kbps, VBR

AAC:

48 - 320 kbps

Sampling frequencies

MP3 (MPEG-1 Audio Layer3):

32/44.1/48 kHz

WMA:

44.1 kHz

AAC:

44.1 kHz

— Continued on next page —

NAS-E35HD
HDD AUDIO SYSTEM
SS-CE35HD
SPEAKER SYSTEM

9-889-128-01

2008E05-1

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Sony Corporation

Audio Business Group

Published by Sony Techno Create Corporation

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NAS-E35HD/SS-CE35HD

FM tuner section

Tuner:
FM stereo, FM superheterodyne tuner

Circuit system:
PLL digital frequency synthesizer
quartz lock system

Frequency range:
87.5 - 108.0 MHz (50kHz step)

Antenna:
FM lead antenna

Antenna terminals:
75 Ω unbalanced

Intermediate frequency:
10.7 MHz

AM tuner section

Tuner:
AM superheterodyne tuner

Circuit system:
PLL digital frequency synthesizer
quartz lock system

Frequency range:
European model:
531 - 1,602 kHz (with the interval set at 9 kHz)
Latin American model:
530 - 1,710 kHz (with the interval set at 10 kHz)
531 - 1,710 kHz (with the interval set at 9 kHz)
Oceanian model
531 - 1,710 kHz (with the interval set at 9 kHz)
530 - 1,710 kHz (with the interval set at 10 kHz)
Other models:
531 - 1,602 kHz (with the interval set at 9 kHz)
530 - 1,610 kHz (with the interval set at 10 kHz)

Antenna:
AM loop antenna

Antenna terminals:
External antenna terminal

Intermediate frequency:
450 kHz

DAB tuner section (UK model only)

Tuner:
DAB stereo tuner

Antenna:
DAB lead antenna

Frequency range:
Band-III: 174.928 (5A) – 239.200 (13F) MHz

DAB frequency table (Band-III):

Frequency	Label
174.928 MHz	5A
176.640 MHz	5B
178.352 MHz	5C
180.064 MHz	5D
181.936 MHz	6A
183.648 MHz	6B
185.360 MHz	6C
187.072 MHz	6D
188.928 MHz	7A
190.640 MHz	7B
192.352 MHz	7C
194.064 MHz	7D
195.936 MHz	8A
197.648 MHz	8B
199.360 MHz	8C
201.072 MHz	8D
202.928 MHz	9A
204.640 MHz	9B
206.352 MHz	9C
208.064 MHz	9D
209.936 MHz	10A
211.648 MHz	10B
213.360 MHz	10C
215.072 MHz	10D
216.928 MHz	11A
218.640 MHz	11B
220.352 MHz	11C
222.064 MHz	11D
223.936 MHz	12A
225.648 MHz	12B
227.360 MHz	12C
229.072 MHz	12D
230.784 MHz	13A
232.496 MHz	13B
234.208 MHz	13C
235.776 MHz	13D
237.488 MHz	13E
239.200 MHz	13F

Inputs/Outputs

AUDIO IN (stereo mini jack):
Voltage 0.8 V, impedance 22 k

ψ (USB) port:
USB type A, Full speed USB

DMPORT:
For connecting a DIGITAL MEDIA PORT adapter

🎧 (headphones) jack (stereo mini jack):
Accepts headphones of 8 Ω or more

Asian model:

AUDIO OUT (phono jacks):
Voltage 0.5 V, impedance 1 k

Speaker (SS-CE35HD)

Latin American model:

Speaker system:
2-way, bass-reflex type

Speaker units:
Woofer: 120 mm, cone type
Tweeter: 25 mm, soft dome type

Nominal impedance:
8 Ω

Dimensions (w/h/d)
Approx. 140 × 284 × 240 mm

Mass
Approx. 2.7 kg net per speaker

Other models:

Speaker system:
2-way, bass-reflex type

Speaker units:
Woofer: 120 mm, cone type
Tweeter: 40 mm, cone type

Nominal impedance:
8 Ω

Dimensions (w/h/d)
Approx. 140 × 250 × 210 mm

Mass
Approx. 2.0 kg net per speaker

General

Power requirements:
Mexican model:
120 V AC, 60 Hz
Latin American model (except for the Mexican and Argentine models):
110 - 120 or 220 - 240 V AC, 50/60 Hz (adjustable with voltage selector)
Other models:
220 - 240 V AC, 50/60 Hz

Power consumption:
45 W

Dimensions (w/h/d):
UK model:
Approx. 285 × 130 × 319 mm incl. projecting parts and controls
Other models:
Approx. 285 × 130 × 312 mm incl. projecting parts and controls

Mass:
Approx. 4.0 kg

Operating temperature:
+5 °C (+41 °F) to +35 °C (+95 °F)

Operating humidity:
25 % to 80 %

Supplied accessories:
AM loop antenna (1)
FM lead antenna (1)
DAB lead antenna (1) (for the UK model only)
Speaker cords (2)
Speaker pads (8) (for the Latin American model only)
Remote control (1)
R6 (size AA) batteries (2)
DIGITAL MEDIA PORT adapter (TDM-iP10 (M)) (1) (for the European model only)
iPod Dock Adapters (1 set) (for the European model only)
Operating Instructions

Design and specifications are subject to change without notice.

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.

CAUTION

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

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

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

SAFETY-RELATED COMPONET WARNING!

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

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Accessories are given in the last of the electrical parts list.

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)

: 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.

RELEASING THE DISC TRAY LOCK

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

Releasing Procedure:

- Press [I/⏻] button to turn the power on.
- Press the [FUNCTION] button to select CD function.
- While pressing the [■] button, press the [▲] button for more 5 seconds).
- The message “UNLOCKED” is displayed and the disc tray is unlocked.

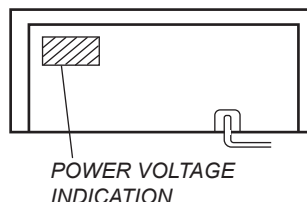
Note: When “LOCKED” is displayed, the slot lock is not released by turning power on/off with the [I/⏻] button.

NOTE THE IC1, IC5 AND IC13 ON THE USB MICOM BOARD REPLACING

IC1, IC5 and IC13 on the USB MICOM board cannot exchange with single. When IC1, IC5 and IC13 on the USB MICOM board are damaged, exchange the entire mounted board.

MODEL IDENTIFICATION

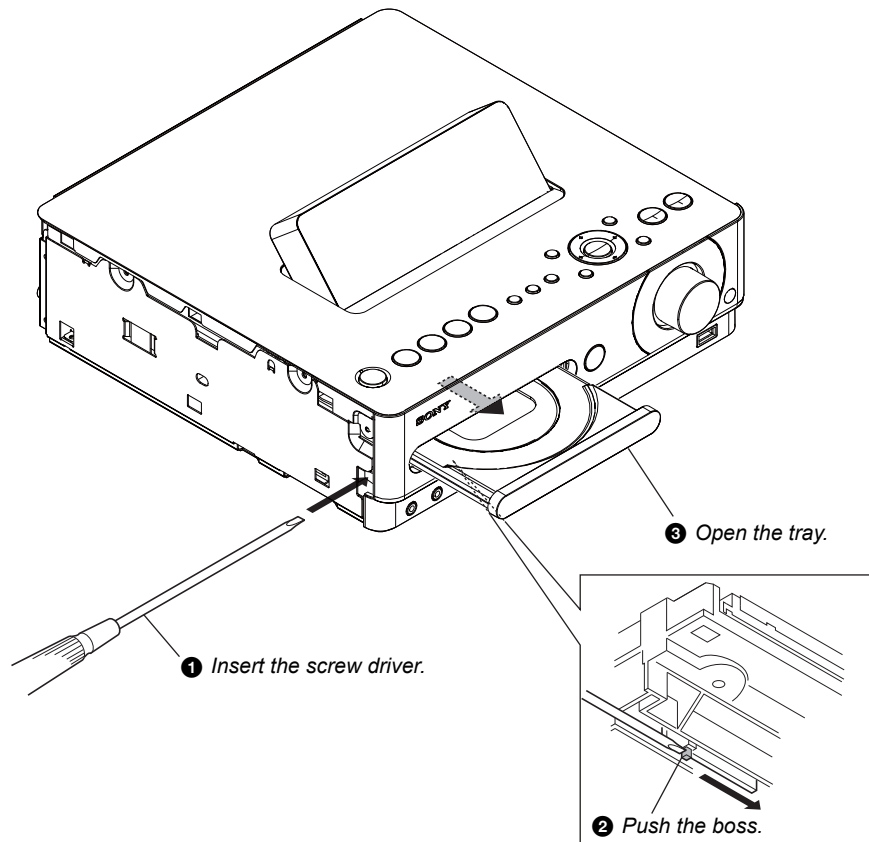
– Rear View –



Model	Power Voltage Indication
Mexican model	120V - 60Hz 45W
Chilean and Peruvian models	110-120/220-240V - 50/60Hz 45W
AEP, Russian, UK, Argentina and Australian models	220-240V - 50/60Hz 45W

HOW TO OPEN THE TRAY WHEN POWER SWITCH TURN OFF

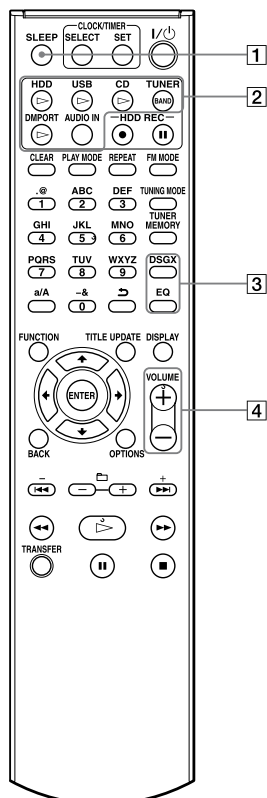
Note: Please insert a screwdriver after removing the panel (side L).
About disassembly of the panel (side L), please refer to “3-2. Panel (Side L/R)” (page 13).



SECTION 2 GENERAL

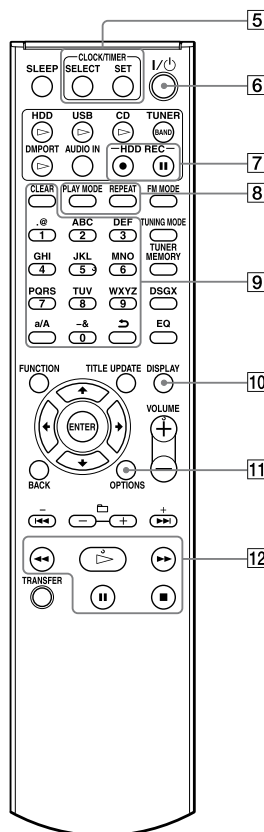
This section is extracted
from instruction manual.

Remote control



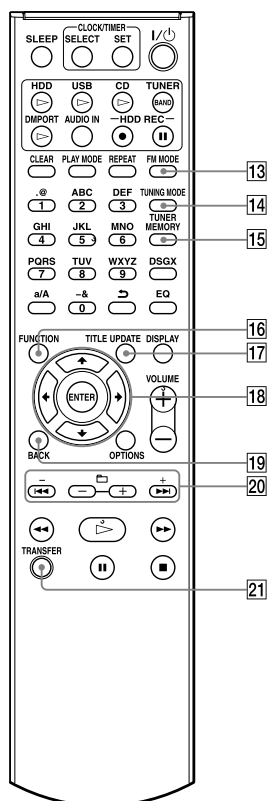
An asterisk (*) indicates buttons that have a tactile dot (the VOLUME + button).

- 1 SLEEP button**
Use to make or confirm the sleep timer setting.
- 2 Playback buttons**
Use to select the function directly and start playback at the same time.
 - HDD▶ button
 - USB▶ button
 - CD▶ button
 - TUNER/BAND button
 - DMPORT▶ button
 - AUDIO IN button
- 3 DSGX and EQ buttons**
 - DSGX button
Use to generate a more dynamic sound (Dynamic Sound Generator X-tra). Each press of the button switches the DSGX function "ON" or "OFF". This function is factory set to "ON".
 - EQ (equalizer) button
Use to adjust the bass and treble. Press this button to display "BASS", and then press ◀◀ or ▶▶ to adjust the bass. After adjusting the bass sound, press this button again to display "TREBLE", and then press ◀◀ or ▶▶ to adjust the treble.
- 4 VOLUME+* and VOLUME- buttons**
Use to adjust the volume.



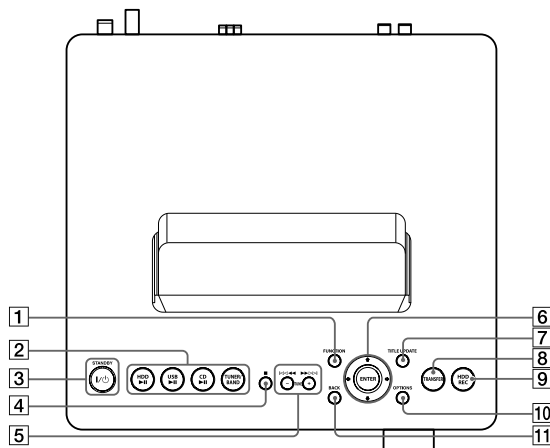
- 5 CLOCK/TIMER buttons**
Use to set the clock or timer.
 - SELECT button
Use to confirm or cancel the timer setting.
 - SET button
Use to display the clock or timer menu.
- 6 I/⏻ (power) button**
Turns the power on or off.
- 7 HDD REC buttons**
Use for recording to the HDD Jukebox.
 - HDD REC ● (start recording) button
 - HDD REC ■ (pause recording) button
- 8 PLAY MODE and REPEAT buttons**
 - PLAY MODE button
Use to select a play mode.
 - REPEAT button
Use to select a repeat mode.
- 9 Numeric*/text buttons**
Use to select a track during play or to enter text.
Use to select a preset FM or AM station or a DAB service.
- 10 DISPLAY button**
Use to display information such as time information, clock, demonstration, etc.
- 11 OPTIONS button**
Displays the Option menu.
Menu items will vary according to the selected function.
- 12 Operation buttons**
Use in all functions to perform basic operations.
 - ▶ (play) button*
 - ◀◀ (fast rewind) and ▶▶ (fast forward) buttons
 - ■ (pause) button
 - ■ (stop) button

An asterisk (*) indicates buttons that have a tactile dot (the number "5" button and ▶ (play) button of the operation buttons).



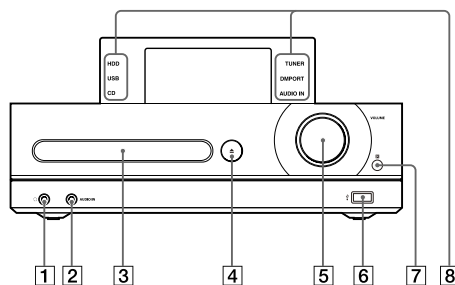
- 13 FM MODE button**
Use to select stereo or monaural while listening to an FM broadcast.
- 14 TUNING MODE button**
Use to select the tuning mode.
- 15 TUNER MEMORY button**
Use to preset a radio station or DAB service (UK model only).
- 16 FUNCTION button**
Use to select a function.
- 17 TITLE UPDATE button**
Use to display the Title Update menu.
- 18 Menu operation buttons**
Use to select menu items and enter menu settings.
 - ↑, ↓, ← and → buttons
Use to select a menu item or to change a setting.
 - ENTER button
Use to enter a setting.
- 19 BACK button**
Use to go back to the previous display.
- 20 +, -, ◀◀, ▶▶ and ◻+ ◻- buttons**
 - + and - buttons
Use to adjust the tuning frequency.
 - ◀◀ and ▶▶ buttons
Cues the beginning of a track.
 - ◻+ and ◻- buttons
Use to select an album or a folder.
- 21 TRANSFER button**
Use to transfer tracks to a USB device.

Top of the main unit



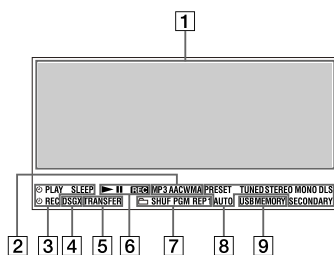
- 1 FUNCTION button**
Use to select a function.
 - 2 Playback buttons**
Use to select the function directly and start playback at the same time.
 - HDD▶⏮ button
 - USB▶⏮ button
 - CD▶⏮ button
 - TUNER/BAND button
 - 3 I/⏻ (power) button and STANDBY indicator**
 - I/⏻ (power) button
Turns the power on or off.
 - STANDBY indicator
Lights up when the unit is turned off.
 - 4 ■ (stop) button**
Use in each function to stop an operation.
 - 5 ⏮, ⏪, ⏩, ⏭, and TUNE+ buttons**
 - ⏮ and ⏭ buttons
Cues the beginning of a track.
 - ⏪ and ⏩ buttons
Fast rewind and fast forward the playback.
 - TUNE+ and TUNE- buttons
Use to adjust the tuning frequency.
 - 6 Menu operation buttons**
Use to select menu items and enter menu settings.
 - ⬆, ⬇, ⬅, and ➡ buttons
Use to select a menu item or to change a setting.
 - ENTER button
Use to enter a setting.
 - 7 TITLE UPDATE button**
Use to display the Title Update menu.
- For the UK model**
- TITLE UPDATE/DAB AUTO SCAN button**
- DAB AUTO SCAN button
Use to scan DAB services automatically while the unit is in the DAB function.
- 8 TRANSFER button**
Use to transfer tracks to a USB device.
 - 9 HDD REC button**
Use for recording to the HDD Jukebox.
 - 10 OPTIONS button**
Displays the Option menu.
Menu items will vary according to the selected function.
 - 11 BACK button**
Use to go back to the previous display.

Front of the main unit



- 1 ⏻ (headphones) jack**
Use to connect headphones.
- 2 AUDIO IN jack**
Use to connect the audio output jack of an external component.
- 3 Disc tray**
Use to load a CD.
- 4 CD button**
Opens and closes the disc tray.
- 5 VOLUME dial**
Use to adjust the volume.
- 6 ⏻ (USB) port**
Use to connect a USB device.
- 7 Remote sensor**
- 8 Function indicators**
Lights up to indicate the selected function.

Display

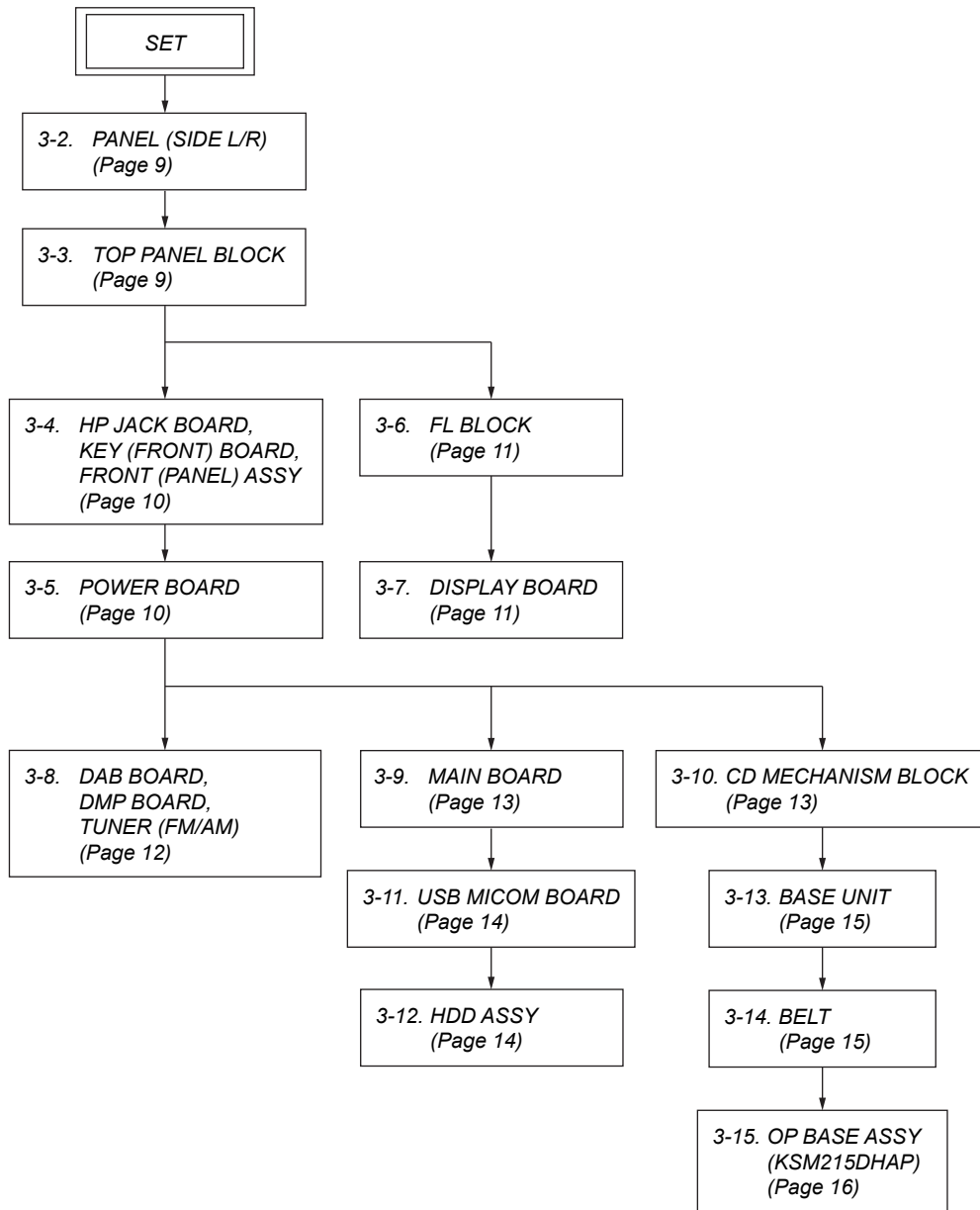


- 1 Text information**
Displays text information, such as a track name, album name, etc.
- 2 Audio format indicators**
Lights up to indicate the audio format.
- 3 Timer indicators**
Lights up when the Play Timer, Recording Timer, or Sleep Timer is set.
- 4 DSGX indicator**
Lights up when the DSGX function is set to "ON".
- TRANSFER indicator**
Lights up while audio data is being transferred.
- 6 Operation status indicators**
Lights up to indicate the current operation status (playing, recording, or paused).
- 7 Play mode indicators**
Lights up to indicate the current play mode.
- 8 Tuner reception indicators**
Lights up when the respective radio function is active.
- 9 USB MEMORY indicator**
Lights up when a USB device is connected.

SECTION 3 DISASSEMBLY

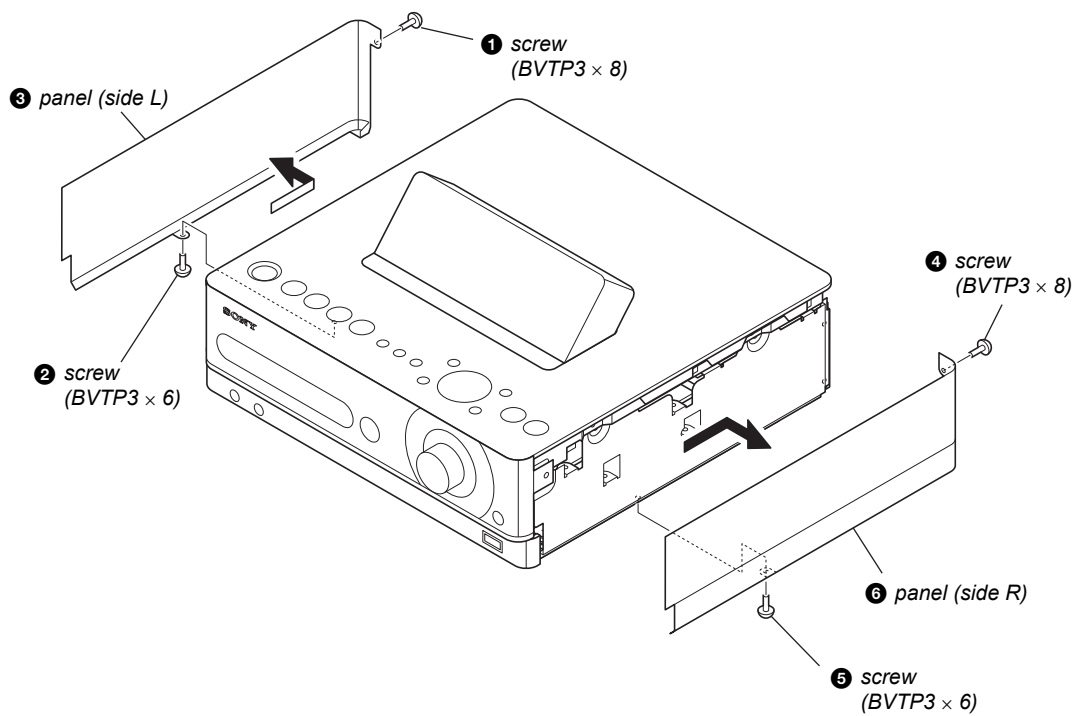
- This set can be disassembled in the order shown below.

3-1. DISASSEMBLY FLOW

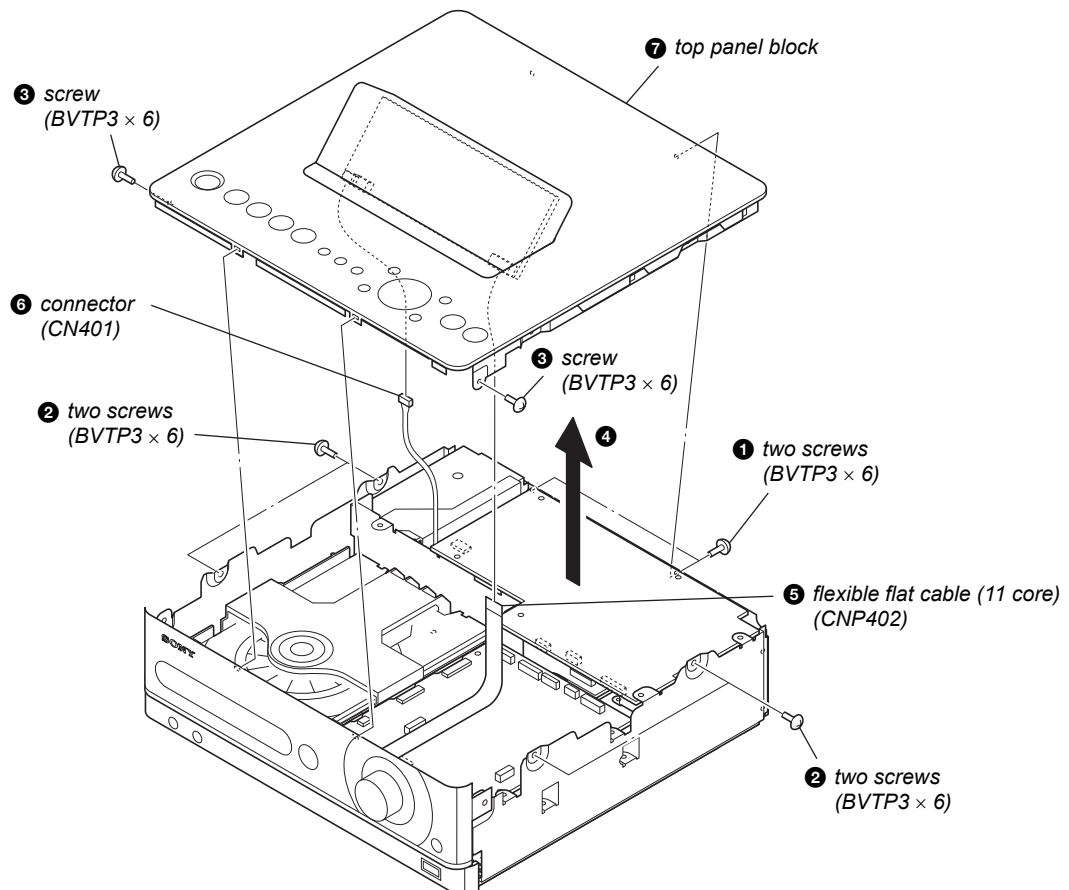


Note: Follow the disassembly procedure in the numerical order given.

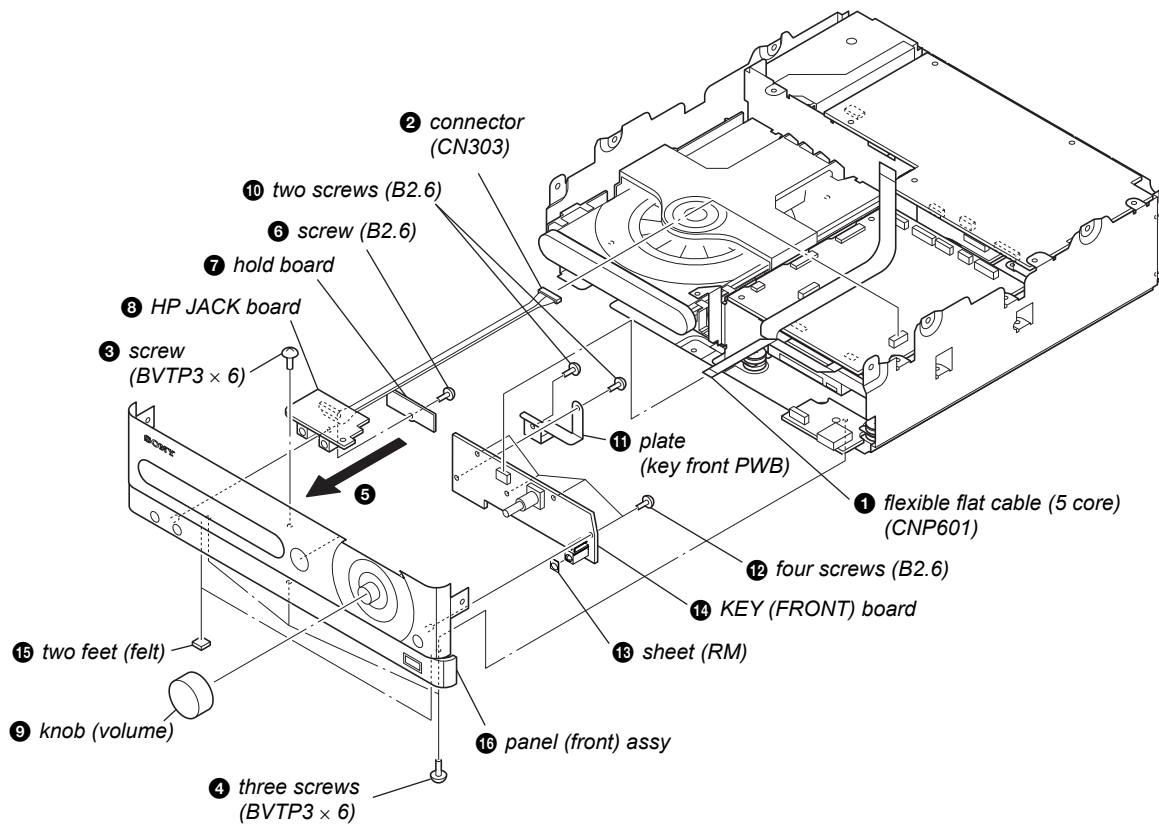
3-2. PANEL (SIDE L/R)



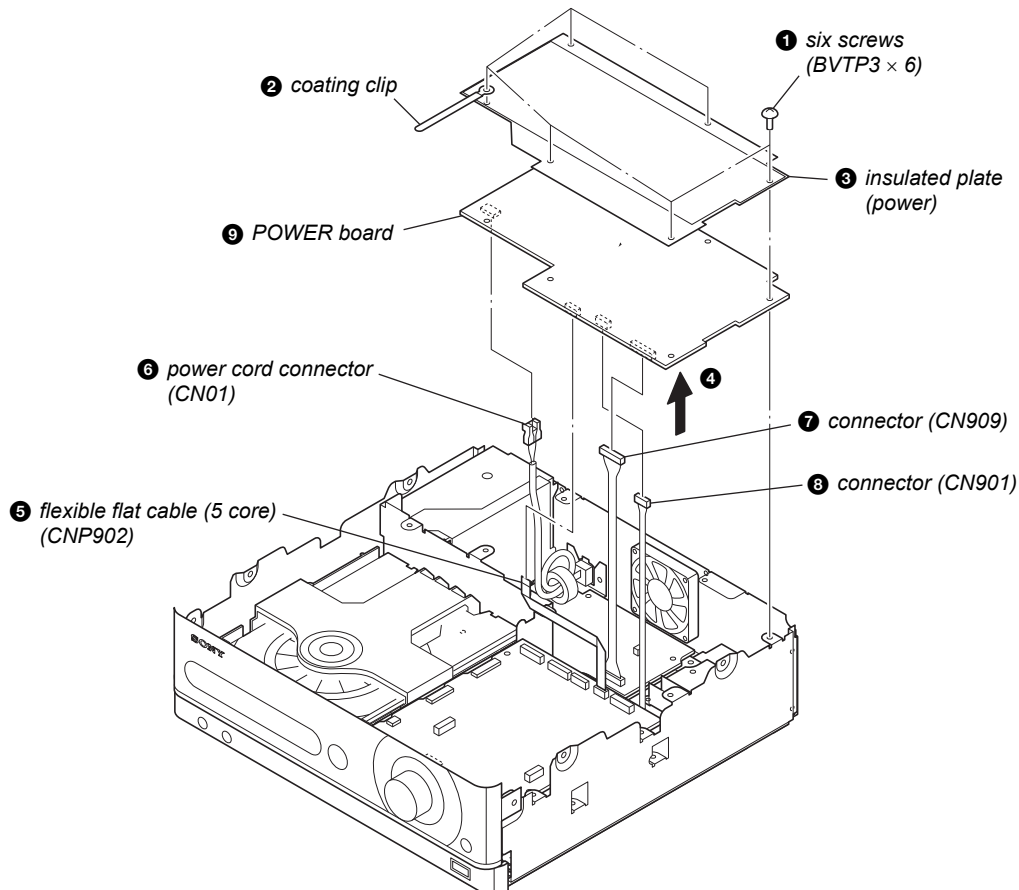
3-3. TOP PANEL BLOCK



3-4. HP JACK BOARD, KEY (FRONT) BOARD, PANEL (FRONT) ASSY

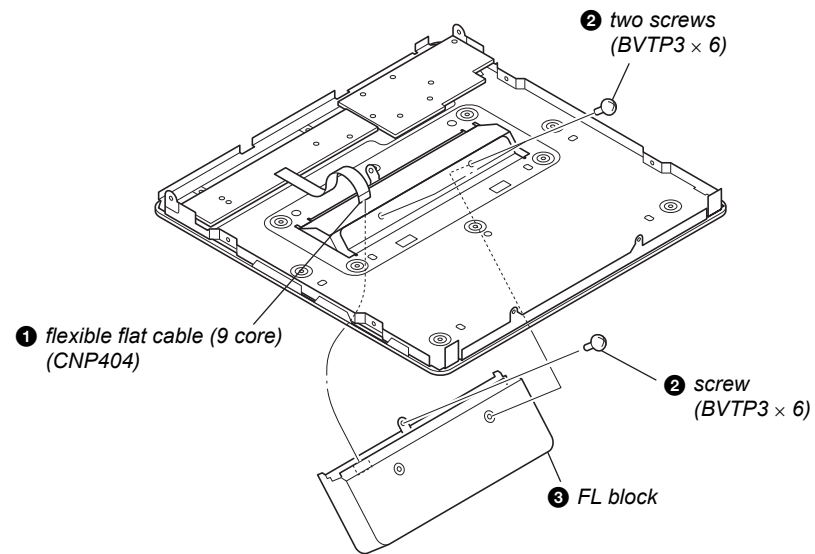


3-5. POWER BOARD

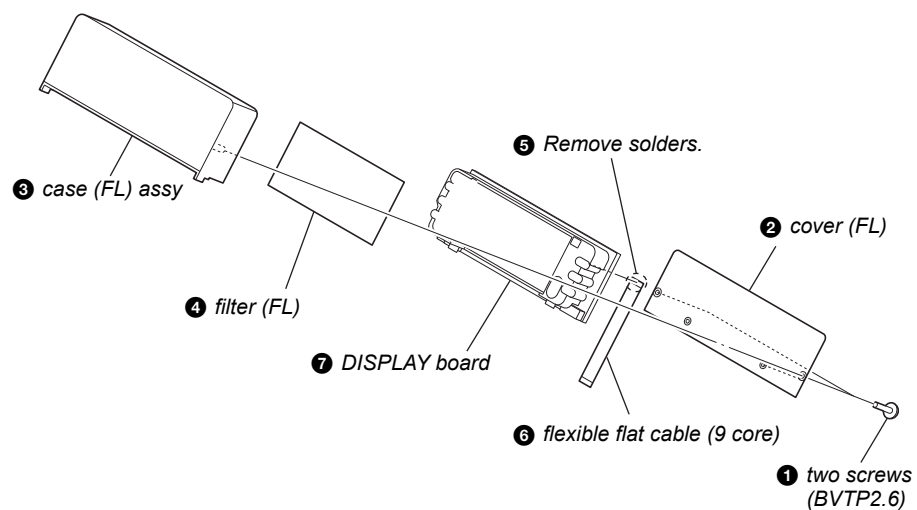


3-6. FL BLOCK

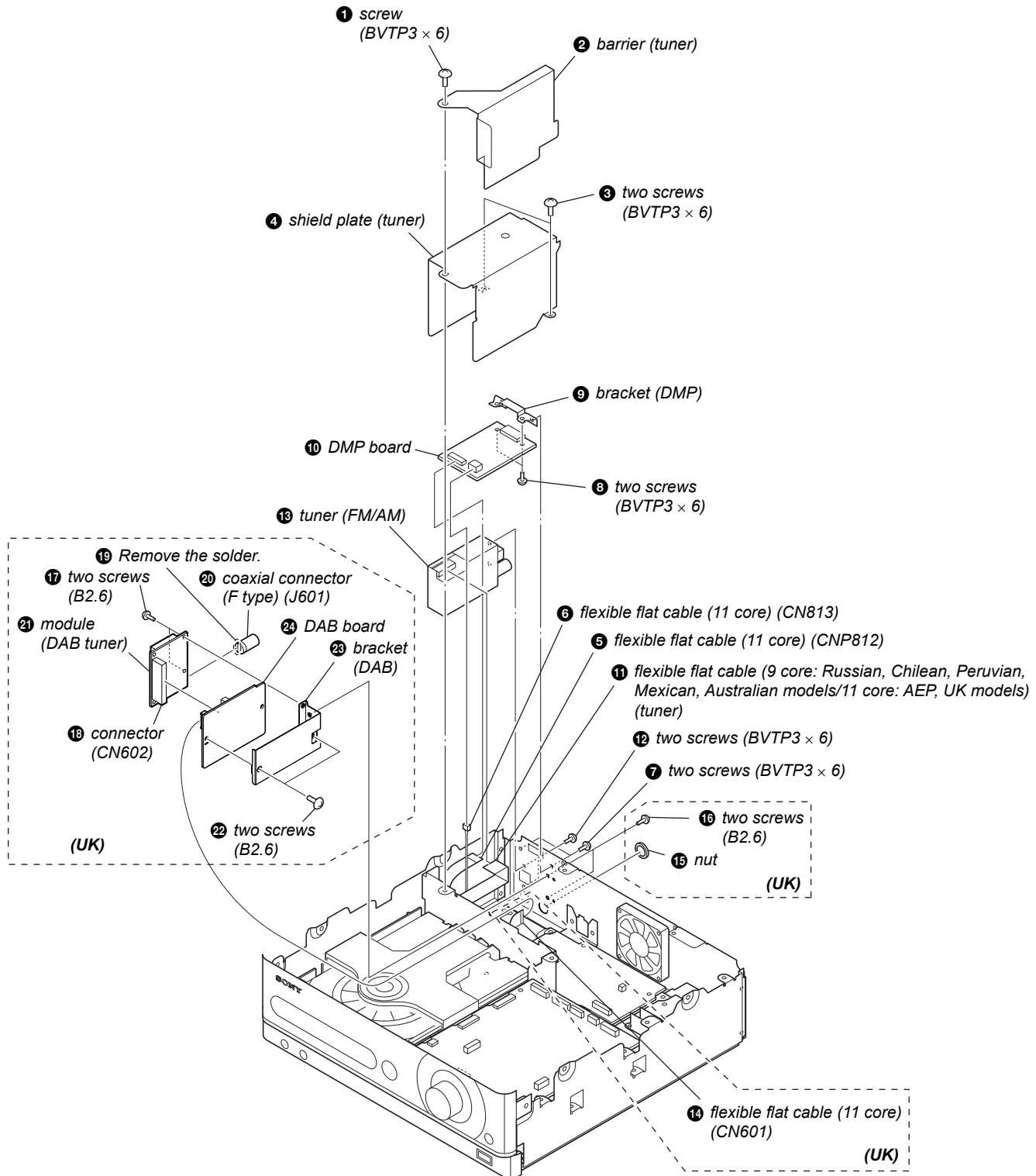
Note: This illustration is seeing of top panel block from the inside.



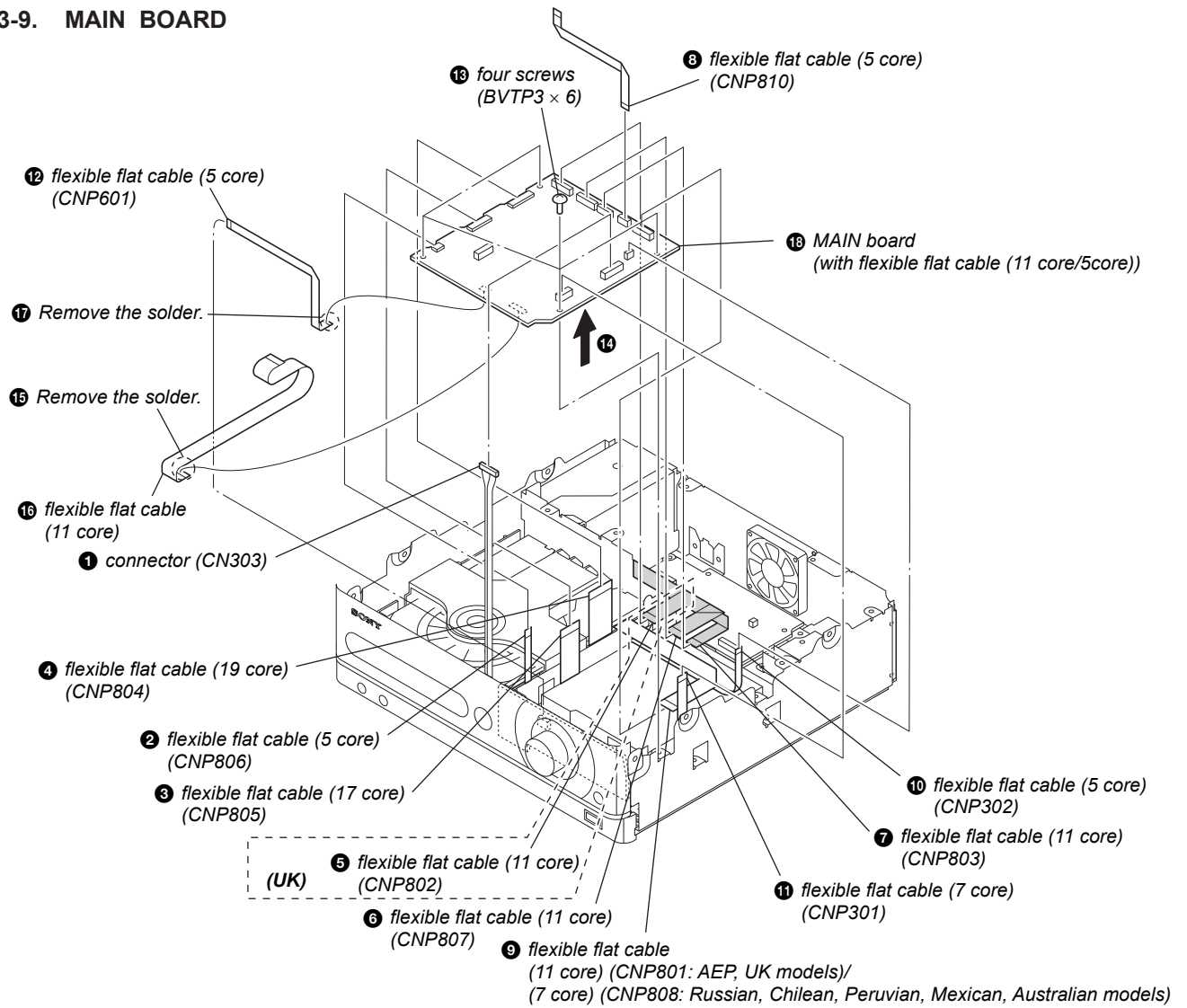
3-7. DISPLAY BOARD



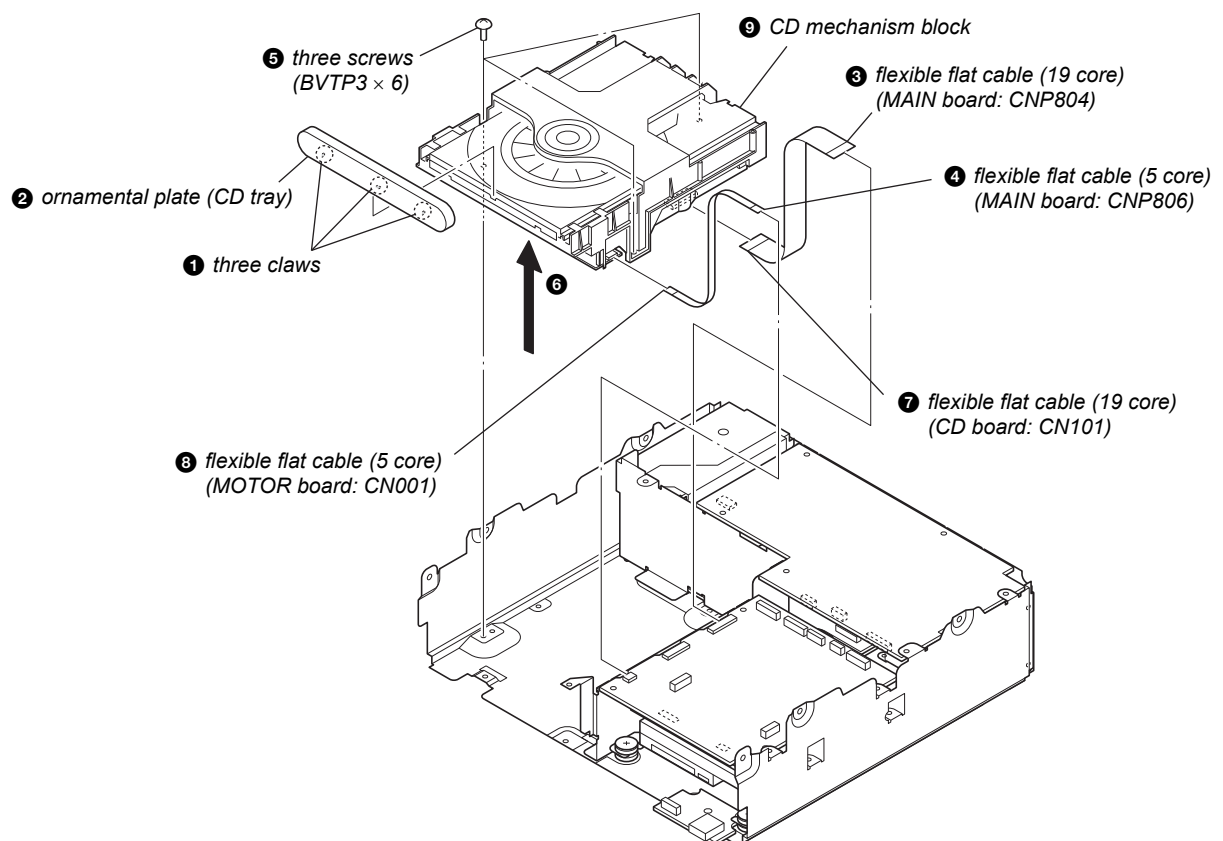
3-8. DAB BOARD, DMP BOARD, TUNER (FM/AM)



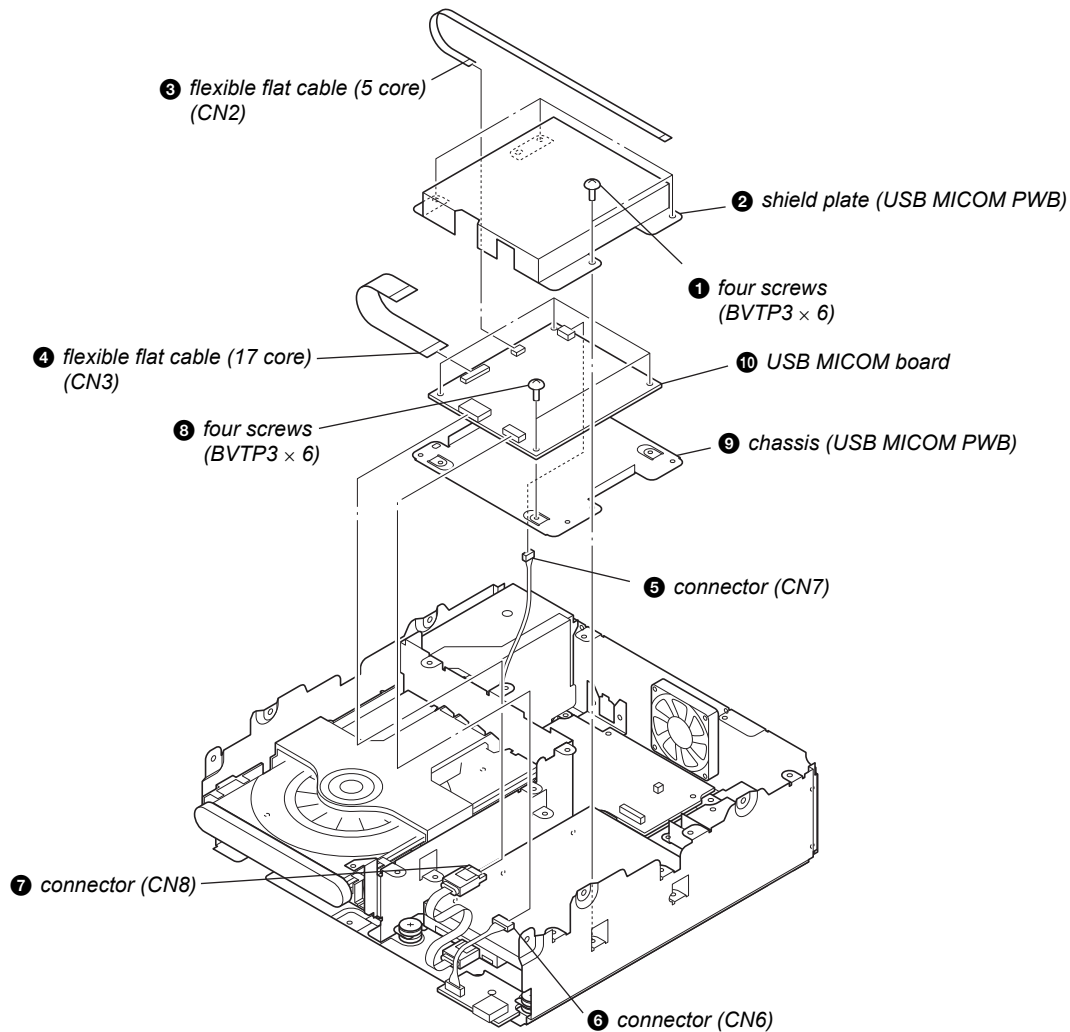
3-9. MAIN BOARD



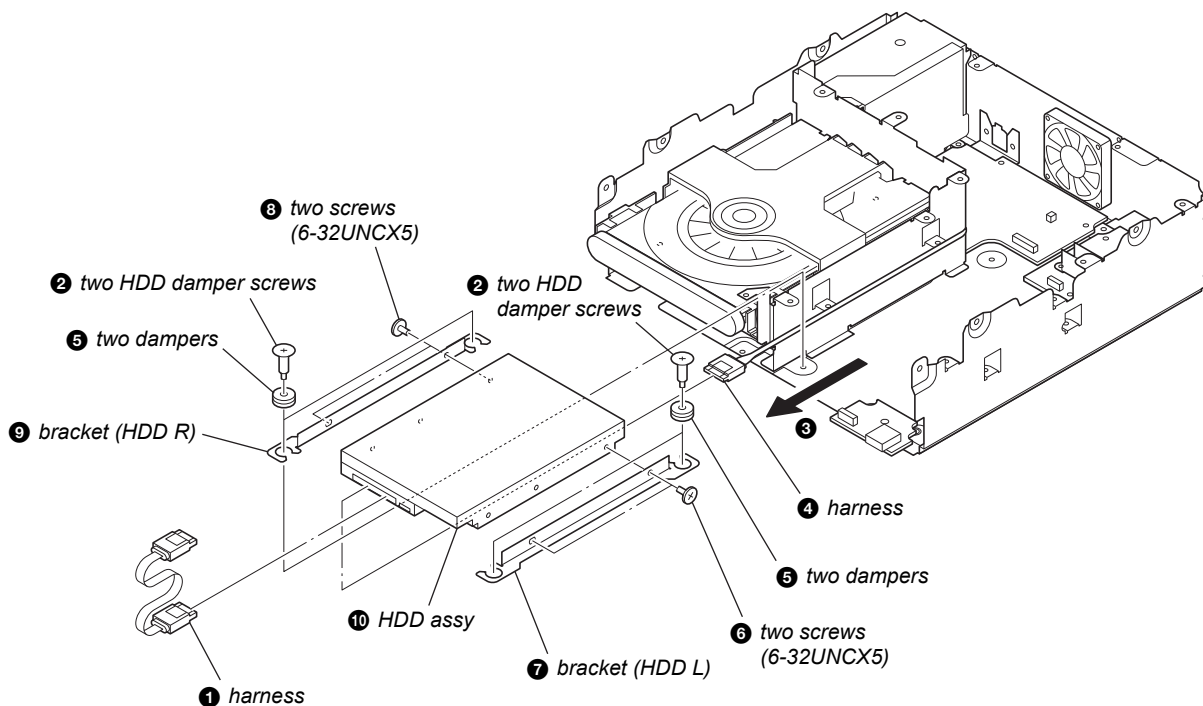
3-10. CD MECHANISM BLOCK



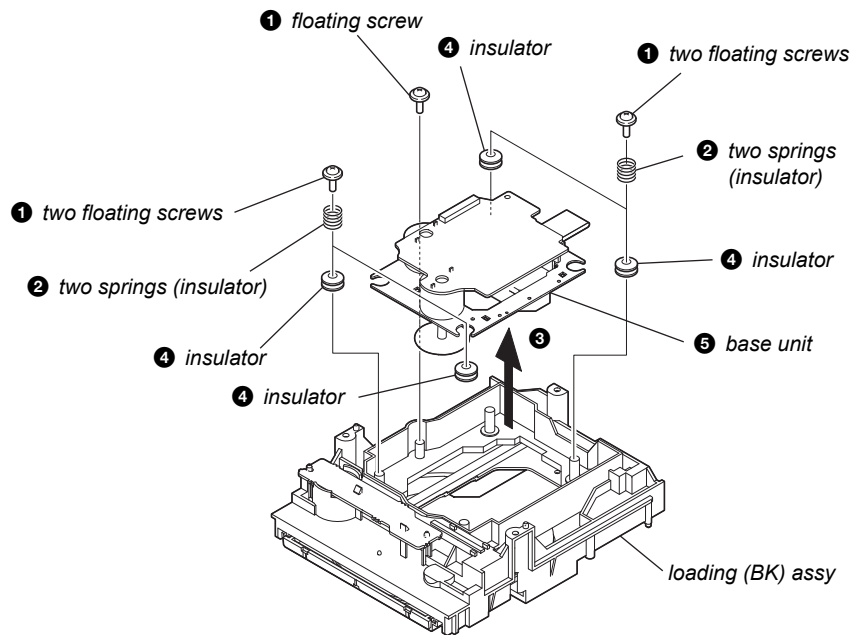
3-11. USB MICOM BOARD



3-12. HDD ASSY

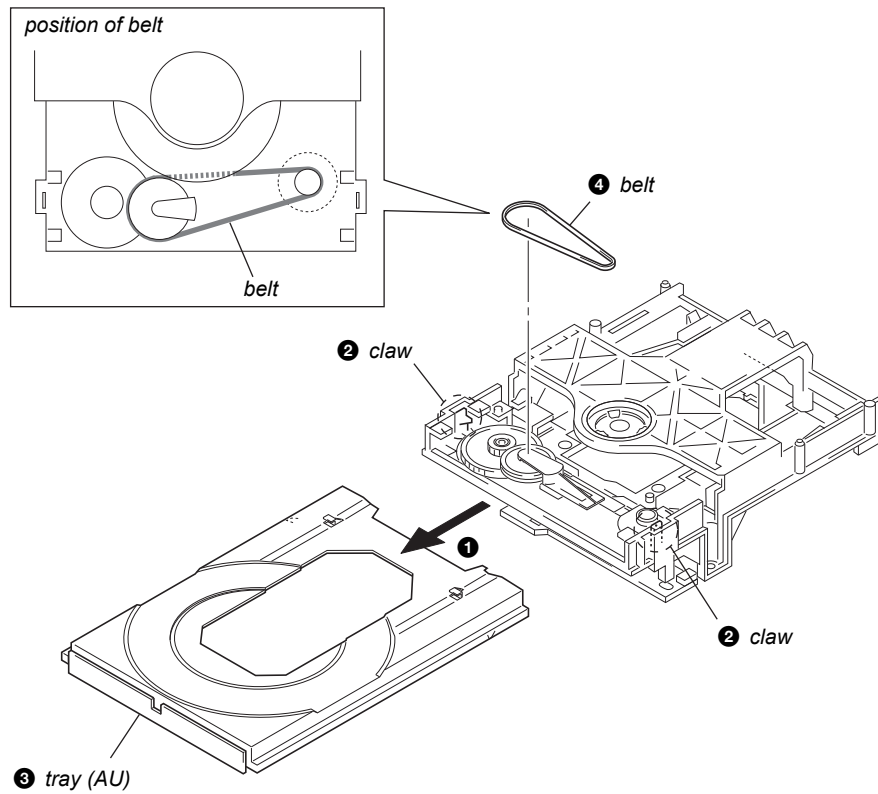


3-13. BASE UNIT

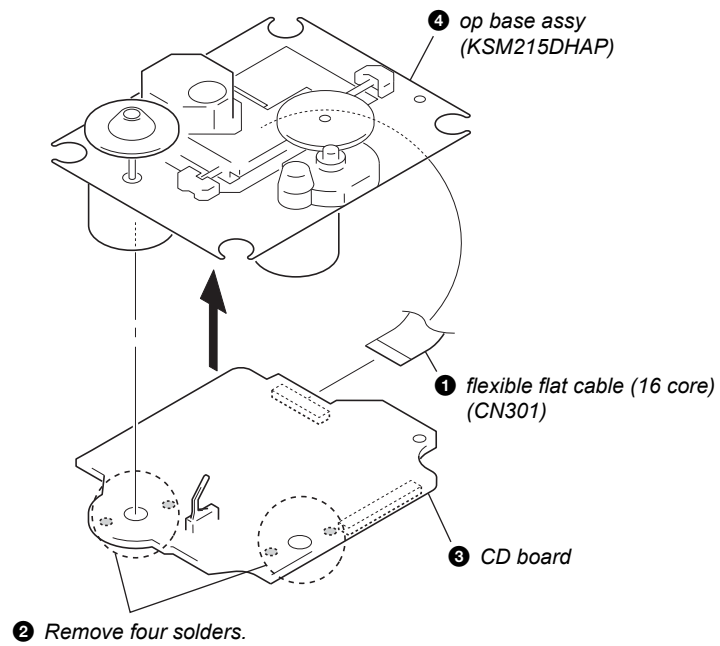


– Bottom view –

3-14. BELT



3-15. OP BASE ASSY (KSM215DHAP)



SECTION 4 TEST MODE

COLD RESET

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

Procedure:

1. In the standby status, press the [I/⏻] button to turn the power on.
2. Press three buttons of [■], [ENTER] and at last [I/⏻] simultaneously.
3. The set enters standby status.

PANEL TEST MODE

Enter The Panel Test Mode

Procedure:

1. In the standby status, press the [I/⏻] button to turn the power on.
2. Press three buttons of [BACK], [■], and [▲] simultaneously.
3. When the panel test mode is activated, LEDs and segments of the fulorescent indicator tube are all turned on.

Version Check

Procedure:

1. In the panel test mode (all LEDs and segments of the fulorescent indicator tube are turned on), press the [BACK] button.
2. On the fulorescent indicator tube, model name, destination, MC version and its last updated date are displayed.
3. Each time [BACK] button is pressed, the display changes starting from MC, GC, GENE, GNS, HDD, USB, CD, CDMA, CDMA, ST, TA, TM and CLA version this order, and returns to the MC version display.
4. To release from this mode, press three buttons of [BACK], [■], and [▲] simultaneously.

Key Test Mode

Procedure:

1. In the panel test mode (all LEDs and segments of the fulorescent indicator tube are turned on), press the [ENTER] button.
2. The message "KEY0 VOL0" displayed. Whenever any buttons are pressed and the [VOLUME] dial is turned, the value is changed.
3. To release from this mode, press three buttons of [BACK], [■], and [▲] simultaneously.

CD SHIP MODE

This mode can run the CD sled motor optionally. Use this mode, for instance, when cleaning the optical pick-up.

Procedure:

1. Press the [I/⏻] button to turn the power on.
2. Confirm there is no disc in all trays.
3. Press the [FUNCTION] button to select CD function.
4. Press two buttons of [OPTIONS] and [I/⏻] simultaneously.
5. Set to the CD ship mode. (chucking on)
6. After blink "STANDBY", "LOCK" is displayed, disconnect the AC plug.

CD TRAY LOCK

This mode is for the antitheft of CD disc in shop. (not for transport)

Procedure:

1. Press the [I/⏻] button to turn the power on.
2. Press the [FUNCTION] button to select CD function.
3. Insert a disc.
4. While pressing the [■] button, press the [▲] button for more 5 seconds.
5. The message "LOCKED" is displayed and the disc tray is locked. (Even if exiting from this mode, the disc tray is still locked)
6. If press the [▲] button to eject the disc, the message "LOCKED" is displayed and can not eject the disc.
7. To release this lock, while pressing the [■] button, press the [▲] button for 5 seconds again.
8. The message "UNLOCKED" is displayed and the disc tray is unlocked.

CD POWER MANAGE

This mode is for switch the CD power supply on/off. Even if this state pulls out AC plug, it is held.

Procedure:

1. Press the [I/⏻] button to turn the power on.
2. Press the [FUNCTION] button to select CD function.
3. Press the [I/⏻] button again to turn the power off (standby).
4. After pressing the [DISPLAY] button on the remote commander, while pressing the [■] button, press the [I/⏻] button.
5. It turns power on and display "CD POWER ON" or "CD POWER OFF".

CHANGE-OVER THE AM TUNING INTERVAL (Mexican, Chilean, Peruvian and Argentina models)

The AM tuning interval can be changed over 9 kHz or 10 kHz.

Procedure:

1. Press the [I/⏻] button to turn the power on.
2. Press the [TUNER/BAND] button to select TUNER (AM) function.
3. Press the [I/⏻] button again to turn the power off (standby).
4. After pressing the [DISPLAY] button on the remote commander, while pressing the [TUNE + ►► ►►] button, press the [I/⏻] button.
5. It turns power on and display "9k STEP" or "10k STEP", and thus the tuning interval is changed over.

CD SHIP AND COLD RESET

Procedure:

1. Press the [I/⏻] button to turn the power on.
2. Confirm there is no disc in all trays.
3. Press the [FUNCTION] button to select CD function.
4. Press three buttons of [OPTION], [BACK] and [I/⏻] simultaneously.
5. After blink "STANDBY", "LOCK" is displayed, disconnect the AC plug.

COMMON TEST MODE

Procedure:

1. Press the [I/⏻] button to turn the power on.
2. Press three buttons of [■], [ENTER], and [▲] simultaneously.
3. It enters the common test mode and the “PLAY SLEEP” segment on the fluorescent indicator tube blinks.
4. Each time the [VOLUME] dial is turned, “VOLUME MIN” and “VOLUME MAX” are displayed.
5. Each time the [EQ] button on the remote commander is pressed, “TONE MAX”, “TONE MIN” and “TONE FLAT” are displayed.
6. To release from this mode, press the [I/⏻] button to turn the power off.

HDD TEST MODE

The CDDDB version display, custom DB initialization, HDD writing/reading test, HDD test data deletion, format, HDD setup and initialization mode for factory can be executed in this mode.

Enter The HDD Test Mode

Procedure:

1. In the standby status, press the [I/⏻] button to turn the power on.
2. Press three buttons of [I/⏻] [◀◀ TUNE -], [↓] and [▲] simultaneously.
3. When the HDD test mode is activated.

1. CDDDB Version Display

The version of CDDDB built into HDD is displayed.

Procedure:

1. Enter the HDD test mode.
2. Press the [↑] [↓] button to select the “CDDDB Version”, and press the [ENTER] button.
3. The version of CDDDB is displayed on the fluorescent indicator tube.

2. Custom DB Initialization

The initialization of custom DB recorded in HDD is executed.

Procedure:

1. Enter the HDD test mode.
2. Press the [↑] [↓] button to select the “Custom Init”, and press the [ENTER] button.
3. The following files in HDD are deleted.
 - ROOT\SYSTEM\CCUDB\CCU.EDB
 - ROOT\SYSTEM\CCUDB\CCU.IDX
 - ROOT\SYSTEM\CCUDB\CCUTOC.IDX
 - ROOT\SYSTEM\CCUDB\SCCU.EDB
 - ROOT\SYSTEM\CCUDB\SCCU.IDX
 - ROOT\SYSTEM\CCUDB\SCCUTOC.IDX

3. HDD Writing/Reading Test

The writing/reading of test data is done to HDD, and whether it operates normally is checked.

Procedure:

1. Enter the HDD test mode.
2. Press the [↑] [↓] button to select the “HDD W/R Test”, and press the [ENTER] button.
3. The writing reading of the test data is done to HDD, and the result is displayed.
When the writing/reading of the test data ends normally, the written test data is deleted.
 - W/R Test OK : The writing/reading of the test data ended normally.
 - W/R NG : Abnormality occurred in the writing/reading of the test data.
 - Erase NG : It failed in the deletion of the test data.

4. Format

The deletion of all folders and files in HDD is executed.

Note: When this mode is executed, all data including the SYSTEM file in HDD is deleted.

Execute this mode after it notes it enough when executing it.

Procedure:

1. Enter the HDD test mode.
2. Press the [↑] [↓] button to select the “Format”, and press the [ENTER] button.
3. All folders and files in HDD are deleted.

5. HDD Setup

The installation of initial data is executed from the USB memory to HDD.

Note: The SYSTEM file and the DEMO tune are copied from USB memory after all data in HDD is deleted with format when this mode is executed, and HDD can be returned to the state of initialization (It takes the time of about 80 minutes).

Execute this mode after it notes it enough when executing it because format is executed on the assumption of the thing set up.

Procedure:

1. Connect the USB memory where initial data is recorded to the set.
2. Enter the HDD test mode.
3. Press the [↑] [↓] button to select the “Setup”, and press the [ENTER] button.
4. The following data is copied from the USB memory to HDD.
 - ROOT\SYSTEM\TitleUpdater.exe
 - ROOT\SYSTEM\TitleUpdaterVersion.txt
 - ROOT\SYSTEM\UCODE.DAT
 - ROOT\SYSTEM\CDDDB\ecddb.idx
 - ROOT\SYSTEM\CDDDB\ecddb.mdt
 - ROOT\SYSTEM\CDDDB\elists.db
 - ROOT\MUSIC\ (File of description to “MUJIC\music.txt”)

6. Initialization Mode For Factory

The user use areas other than the “Sony Demo” artist in HDD are initialized, and the cold reset is executed.

Procedure:

1. Enter the HDD test mode.
2. Press the [↑] [↓] button to select the “FactoryPreset”, and press the [ENTER] button.
3. Press the [↑] [↓] button to select the “OK?”, and press the [ENTER] button.
4. All folder/file in the following folders in HDD is deleted.
 - ROOT\SYSTEM\CCUDB
 - ROOT\MUSIC (excluding folder/file that belongs to “Sony Demo” artist)
5. After initialization ends, the cold reset is executed.

HDD TITLE UPDATER TEST MODE

The title updater version display and title updater update can be executed in this mode.

Enter The HDD Title Update Test Mode

Procedure:

1. In the standby status, press the [I/⏻] button to turn the power on.
2. Press three buttons of [⏮◀◀ TUNE -], [▶▶] and [▲] simultaneously.
3. When the HDD title updater test mode is activated.

1. Title Updater Version Display

The version of title updater built into HDD is displayed.

Procedure:

1. Enter the HDD title updater test mode.
2. Press the [↑] [↓] button to select the “Version”, and press the [ENTER] button.
3. The version of title updater is displayed on the fluorescent indicator tube.

2. Title Updater Update

The version of title updater built into HDD is displayed.

Procedure:

1. Connect the USB memory where “TitleUpdater.exe” is recorded to the set.
2. Enter the HDD title updater test mode.
3. Press the [↑] [↓] button to select the “Update”, and press the [ENTER] button.
4. The “TitleUpdater.exe” is copied from the USB memory to HDD.

Note: In the following cases, the update cannot be executed.

- The USB memory is not connected.
- “TitleUpdater.exe” doesn't exist in the USB memory.
- “TitleUpdater.exe” in the USB memory is a version that is older than it in HDD.

HDD FACTORY SHIPMENT TEST MODE

The user use areas in HDD are initialized, and the cold reset is executed.

Note: When this mode is executed, all the MUSIC data including the DEMO tune in HDD is deleted (The SYSTEM file is not deleted). Execute this mode after it notes it enough when executing it because all the MUSIC data and CDDDB updates that the user recorded are deleted.

Procedure:

1. In the standby status, press the [I/⏻] button to turn the power on.
2. Press three buttons of [■], [BACK] and [HDD REC] simultaneously.
3. Press the [↑] [↓] button to select the “OK?”, and press the [ENTER] button.
4. All folder/file in the following folders in HDD is deleted.
 - ROOT\SYSTEM\CCUDB
 - ROOT\MUSIC
5. After initialization ends, the cold reset is executed.

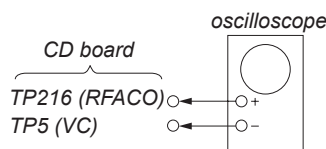
SECTION 5 ELECTRICAL CHECKS

CD SECTION

Note:

1. CD Block is basically designed to operate without adjustment. Therefore, check each item in order given.
2. Use YEDS-18 disc (3-702-101-01) unless otherwise indicated.
3. Use an oscilloscope with more than 10 MΩ impedance.
4. Clean the object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.

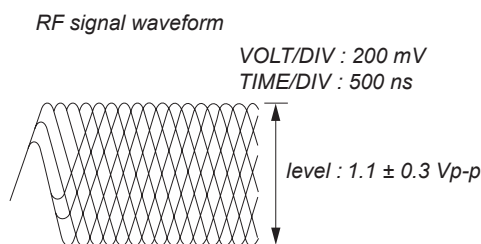
RF LEVEL CHECK



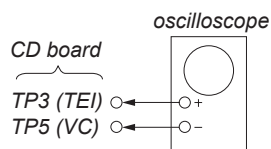
Procedure :

1. Connect an oscilloscope TP216 (RFACO) and TP5 (VC) on the CD board.
2. Turn the power ON.
3. Load a disc (YEDS-18) and playback.
4. Confirm that oscilloscope waveform is clear and check if RF signal level is correct or not.

Note: Clear RF signal waveform means that the shape “◇” can be clearly distinguished at the center of the waveform.

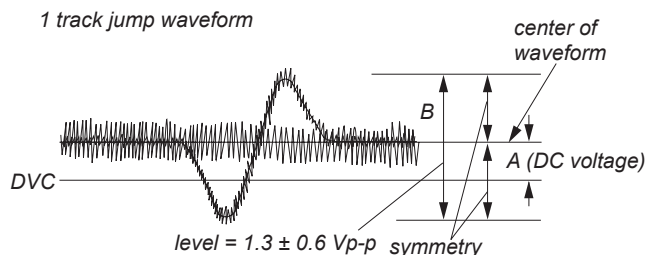


E-F BALANCE (1 TRACK JUMP) CHECK



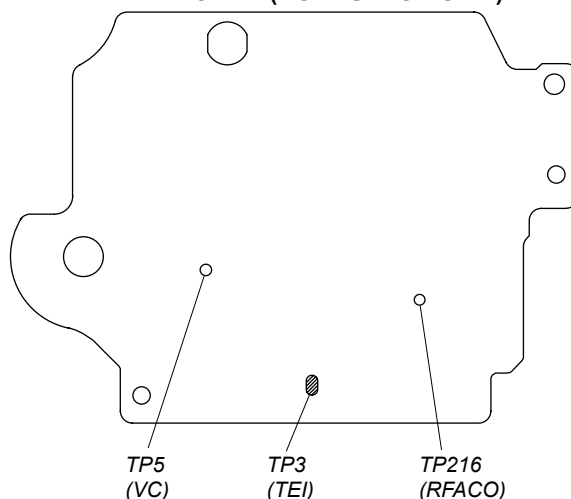
Procedure :

1. Connect an oscilloscope to TP3 (TEI) and TP5 (VC).
2. Turn the power ON.
3. Load a disc (YEDS-18) and playback the number 5 track.
4. Confirm that the level B and A (DC voltage) on the oscilloscope waveform.



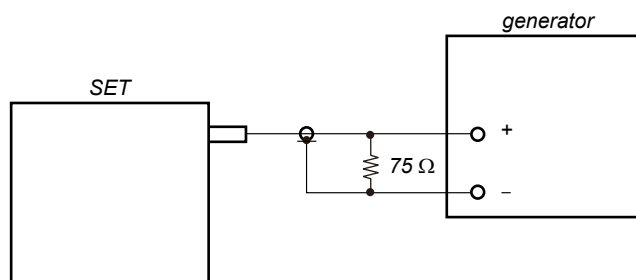
Connecting and Adjustment Location: CD board

– CD BOARD (CONDUCTOR SIDE) –



TUNER SECTION

FM AUTO STOP CHECK



Procedure :

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

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

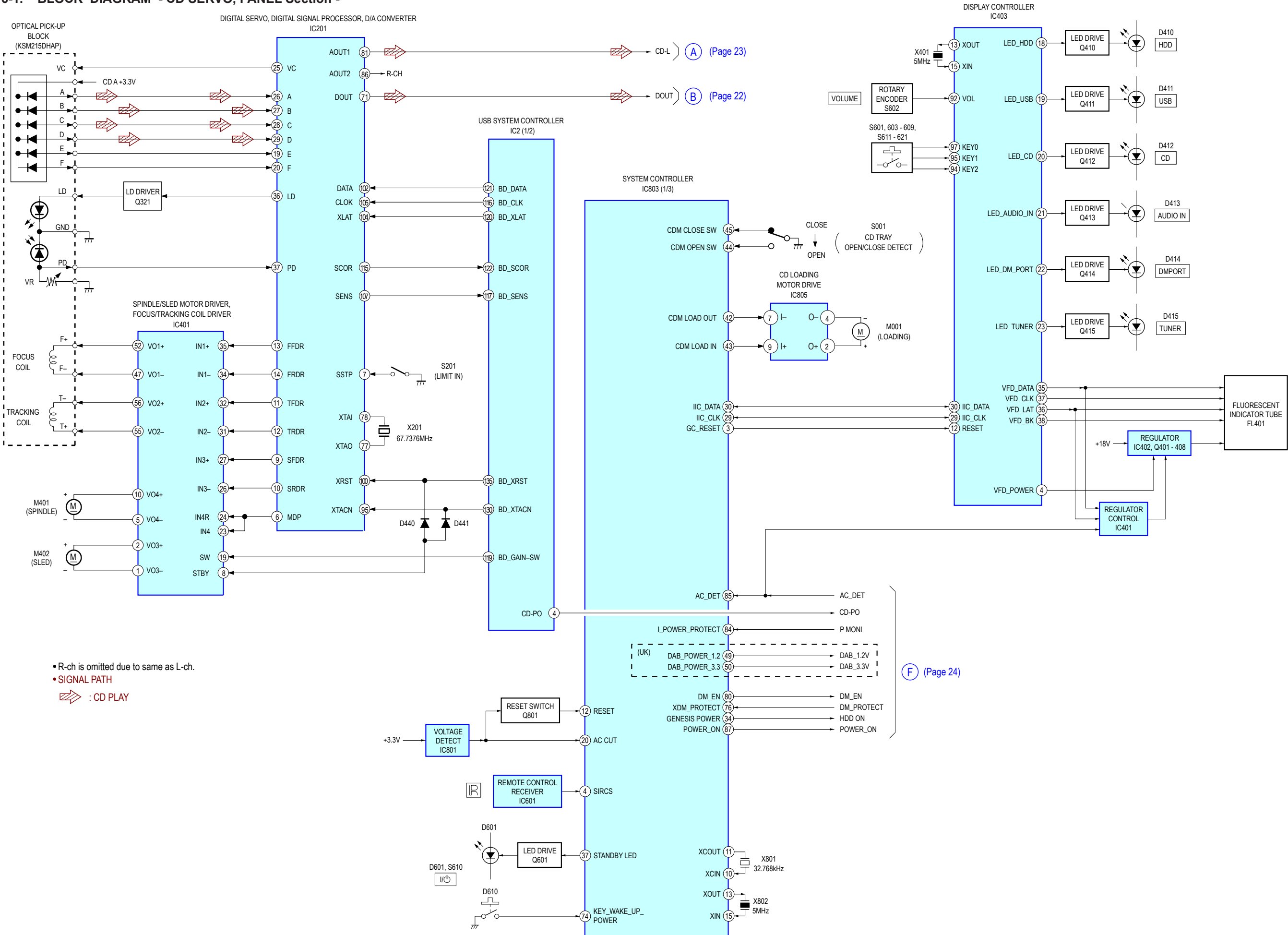
Note: Please use 75 ohm “coaxial cable” to connect SG and the set. You cannot use video cable for checking.
 Please use SG whose output impedance is 75 ohm.

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.

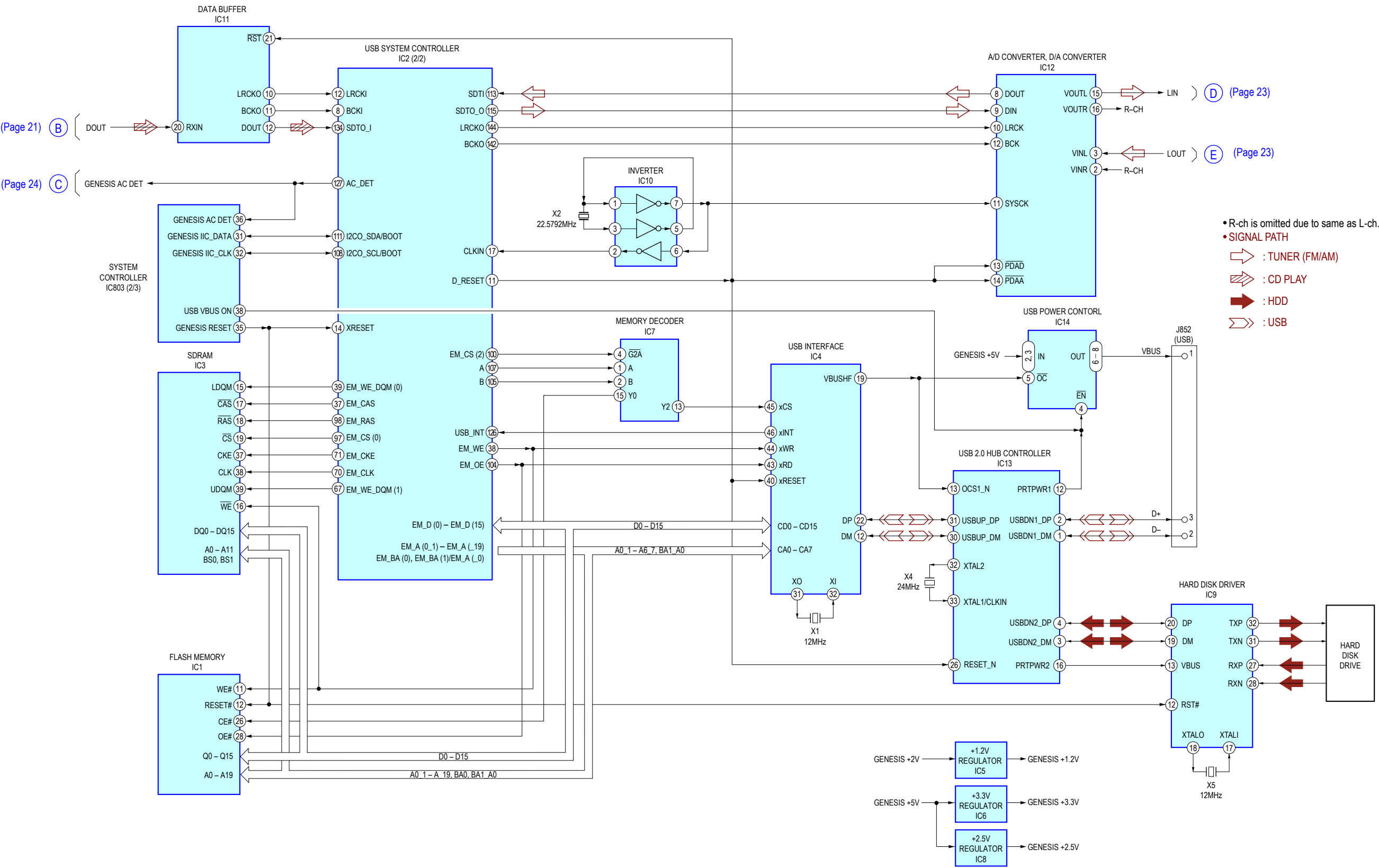
The stop of automatic scanning means “The station signal is received in good condition”.

SECTION 6
DIAGRAMS

6-1. BLOCK DIAGRAM - CD SERVO, PANEL Section -



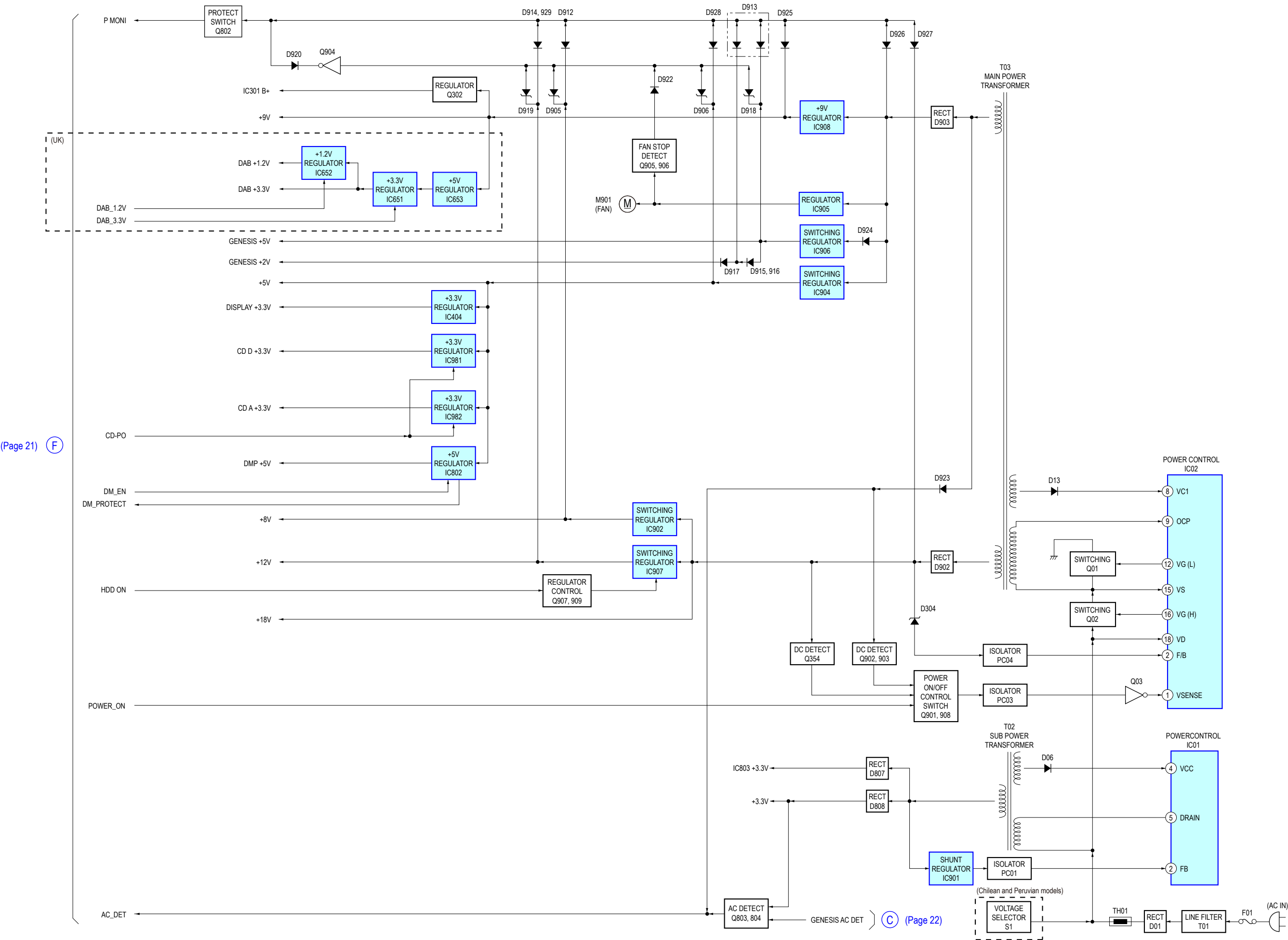
6-2. BLOCK DIAGRAM - USB, HDD Section -



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6-4. BLOCK DIAGRAM - POWER SUPPLY Section -



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

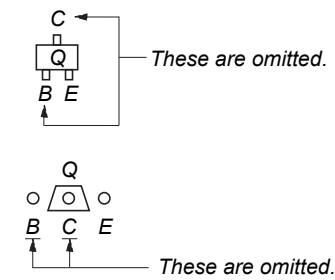
For Printed Wiring Boards.

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

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

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



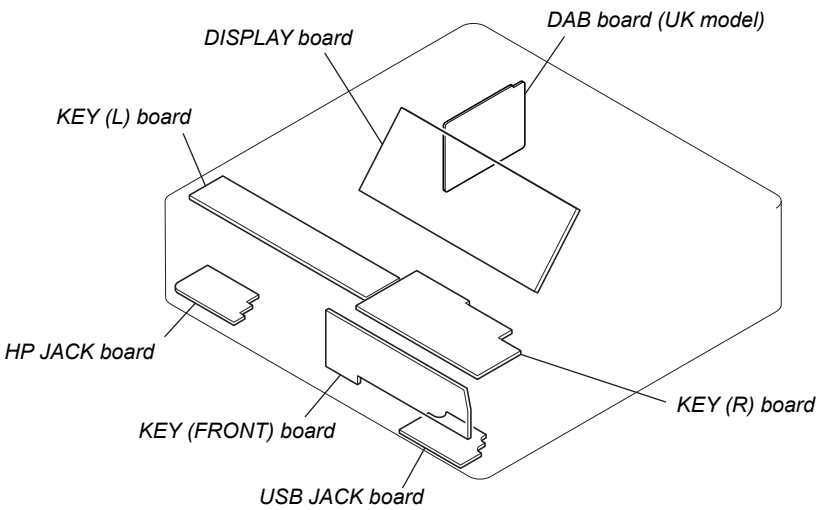
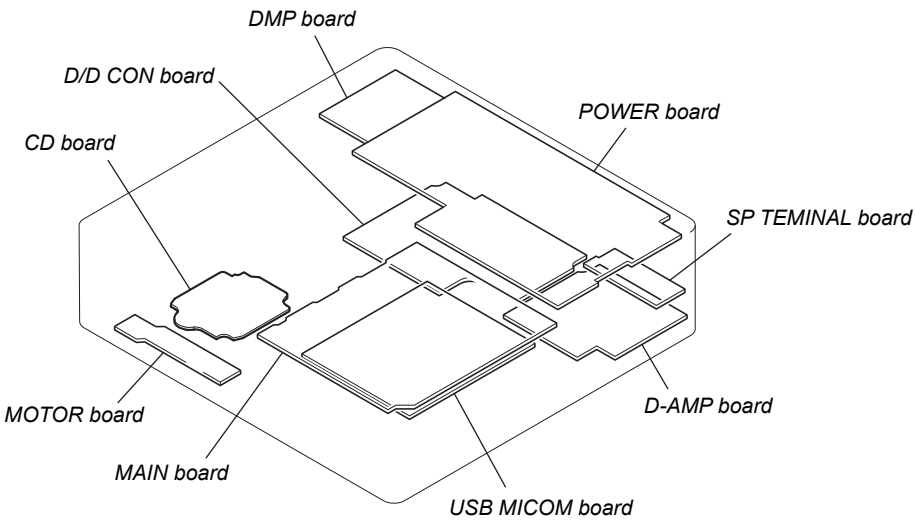
For Schematic Diagrams.

- Note:**
- All capacitors are in μF unless otherwise noted. (p: pF) 50
VW 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.
 - □ : panel designation.

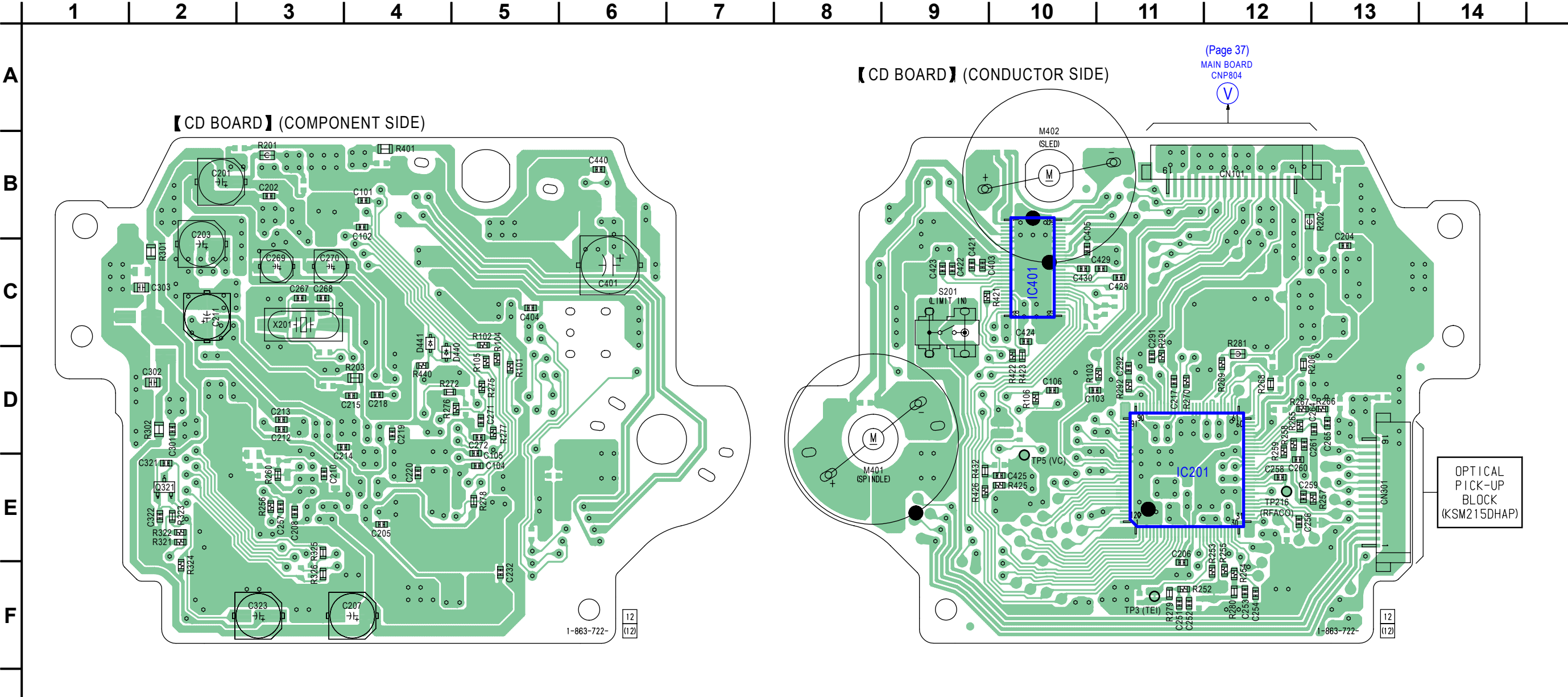
Note: The components identified by mark △ or dotted
line with mark △ are critical for safety.
Replace only with part number specified.

- — : B+ Line.
- Voltages and waveforms are dc with respect to ground
under no-signal conditions.
- CD Board —
no mark : CD PLAY
- USB MICOM Board —
no mark : USB PLAY
- Other Boards —
no mark : TUNER (FM/AM)
() : CD PLAY
<< >> : USB PLAY
- Voltages are taken with VOM (Input impedance 10 M Ω).
- Circled numbers refer to waveforms.
- Signal path.
⇒ : TUNER (FM/AM)
⇒ : CD PLAY
⇒ : AUDIO IN
⇒ : HDD
⇒ : DAB
⇒ : USB
⇒ : DMPORT
- Abbreviation
AR : Argentina model
AUS : Australian model
E51 : Chilean and Peruvian models
MX : Mexican model
RU : Russian model

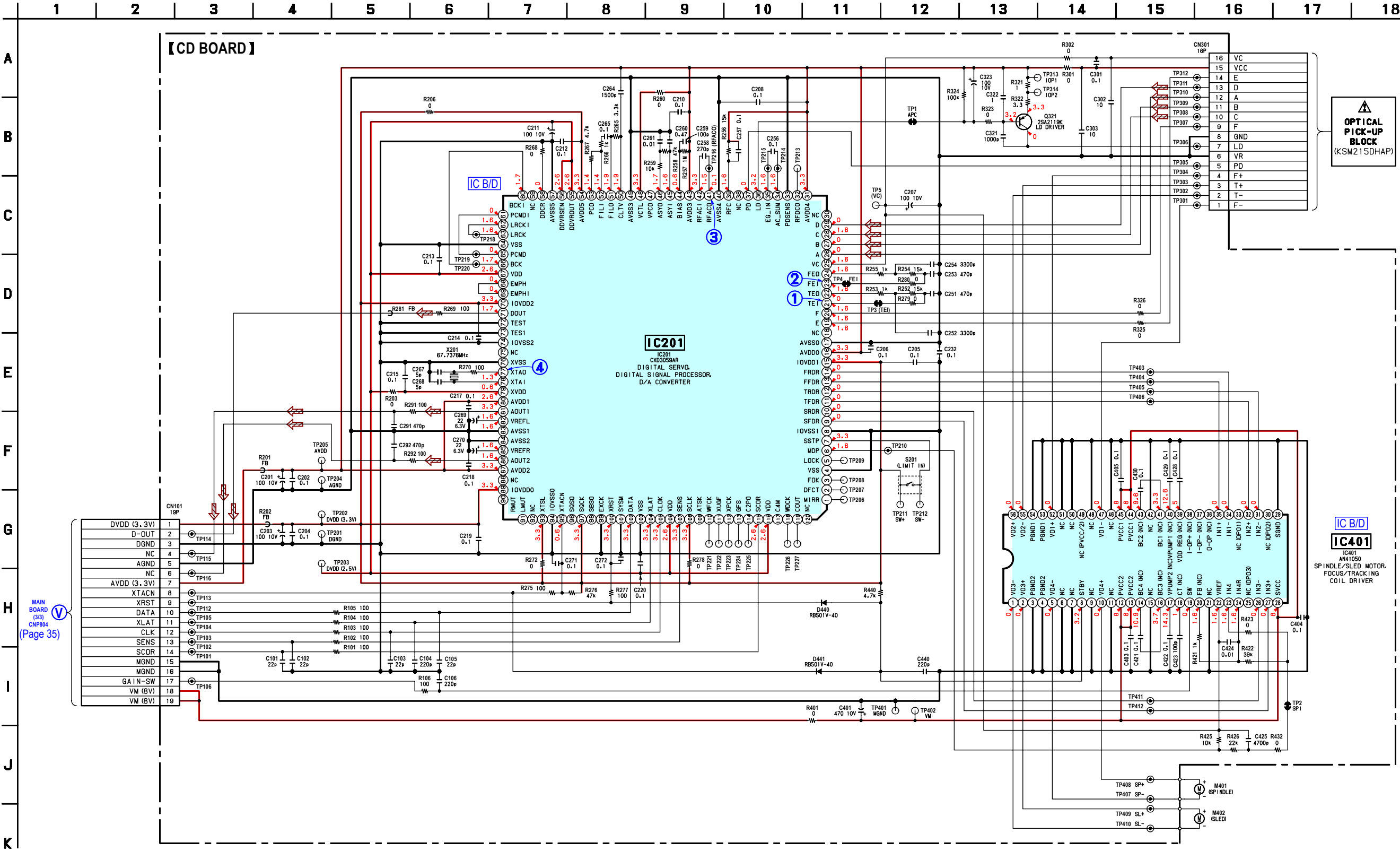
• Circuit Boards Location



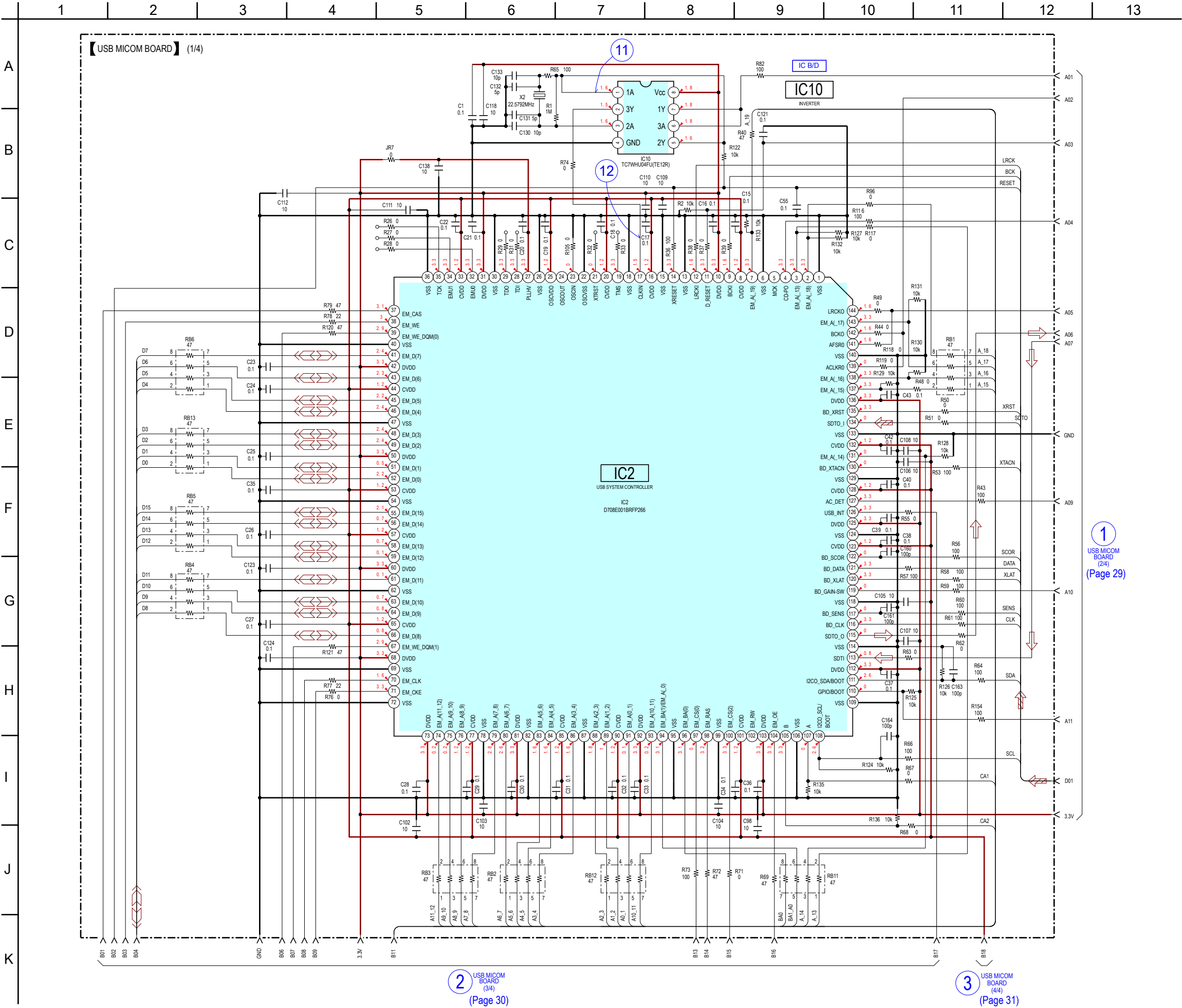
6-5. PRINTED WIRING BOARD - CD Board - • See page 25 for Circuit Boards Location. • : Uses unleaded solder.



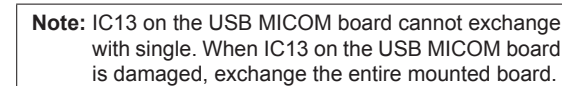
6-6. SCHEMATIC DIAGRAM - CD Board - • See page 43 for waveforms. • See page 54 for IC Block Diagrams.



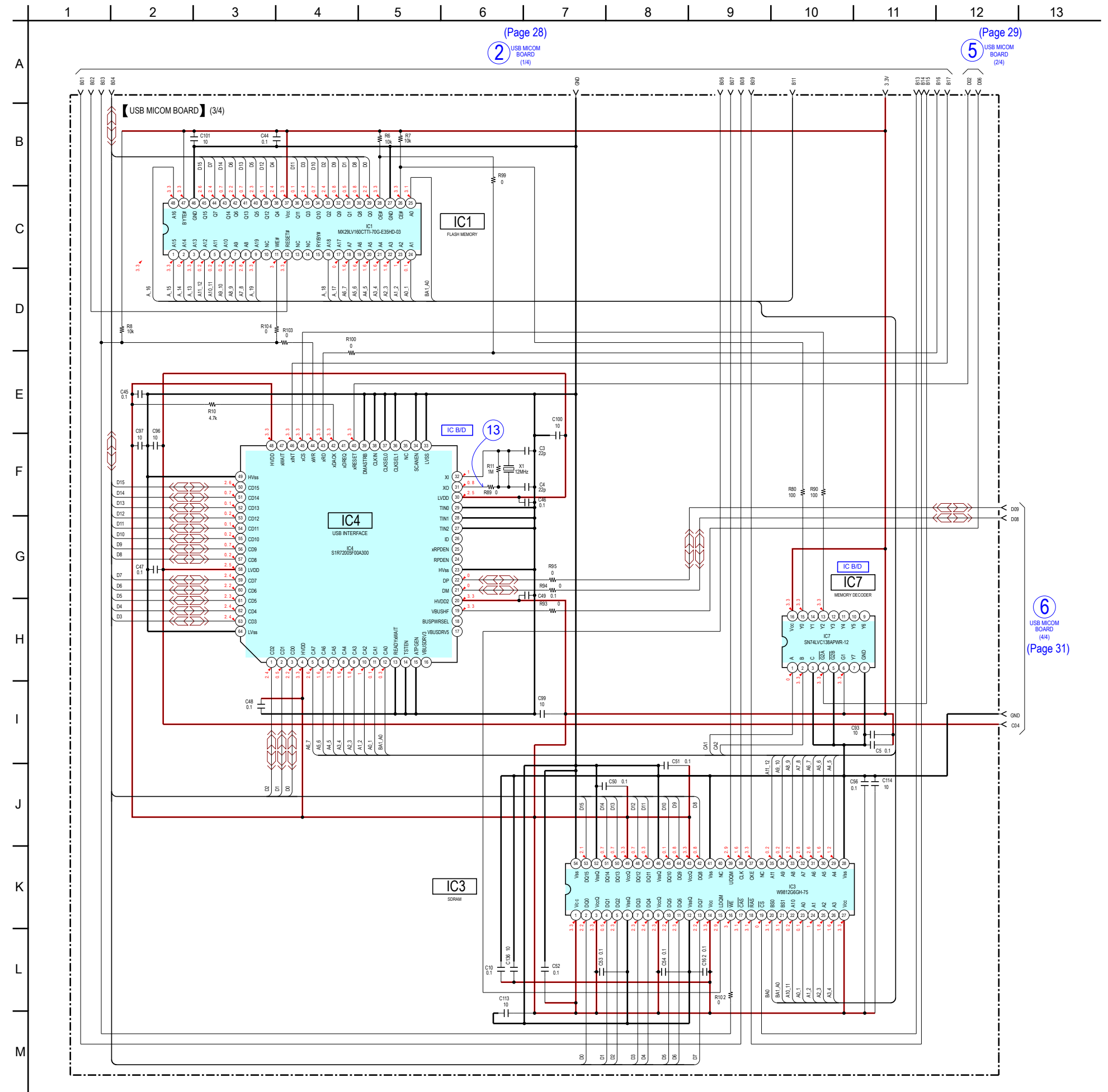
6-7. SCHEMATIC DIAGRAM - USB MICOM Board (1/4) - • See page 43 for waveforms. • See page 54 for IC Block Diagrams. • See page 64 for IC Pin Function Description.



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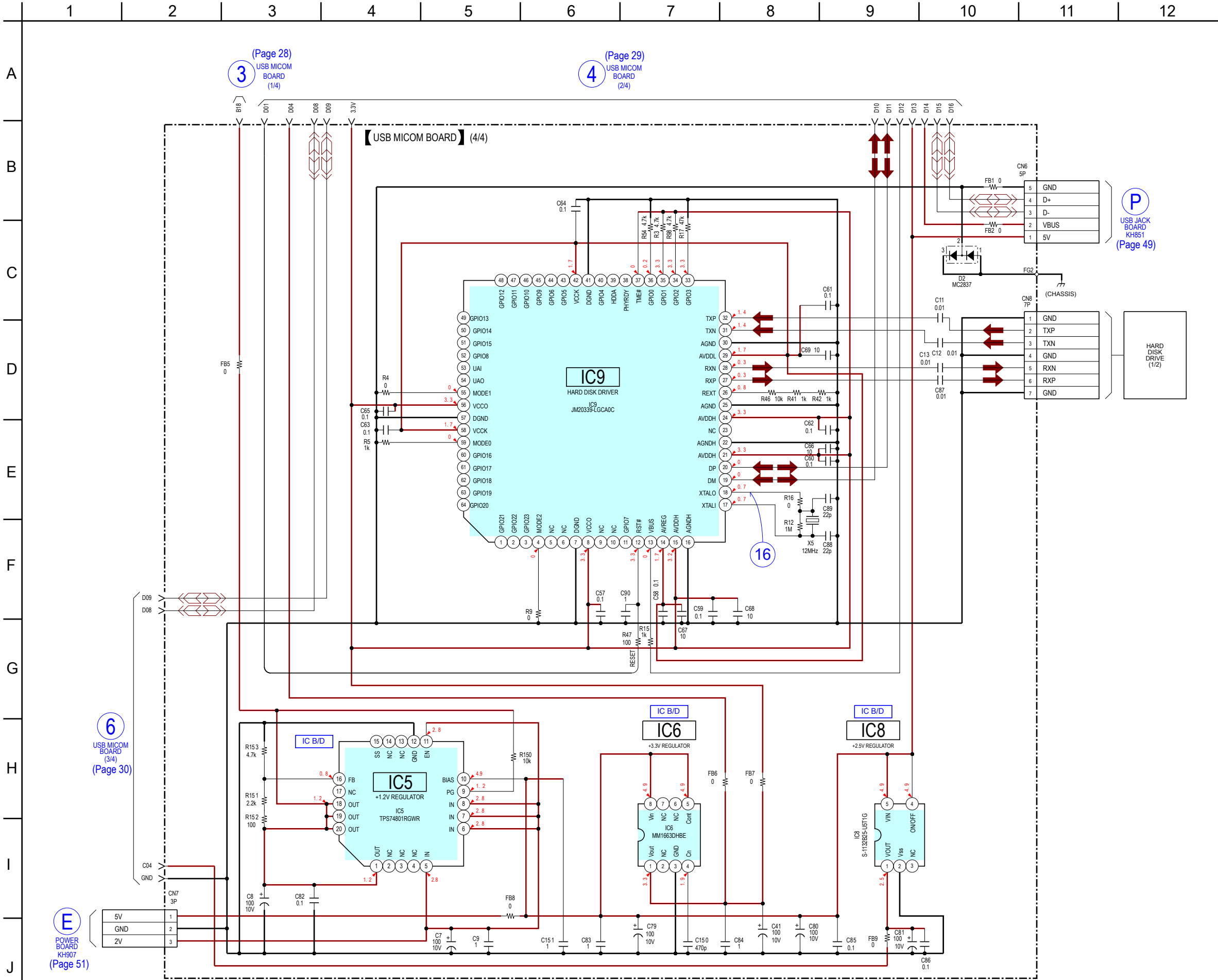


6-9. SCHEMATIC DIAGRAM - USB MICOM Board (3/4) - • See page 43 for waveforms. • See page 54 for IC Block Diagrams.



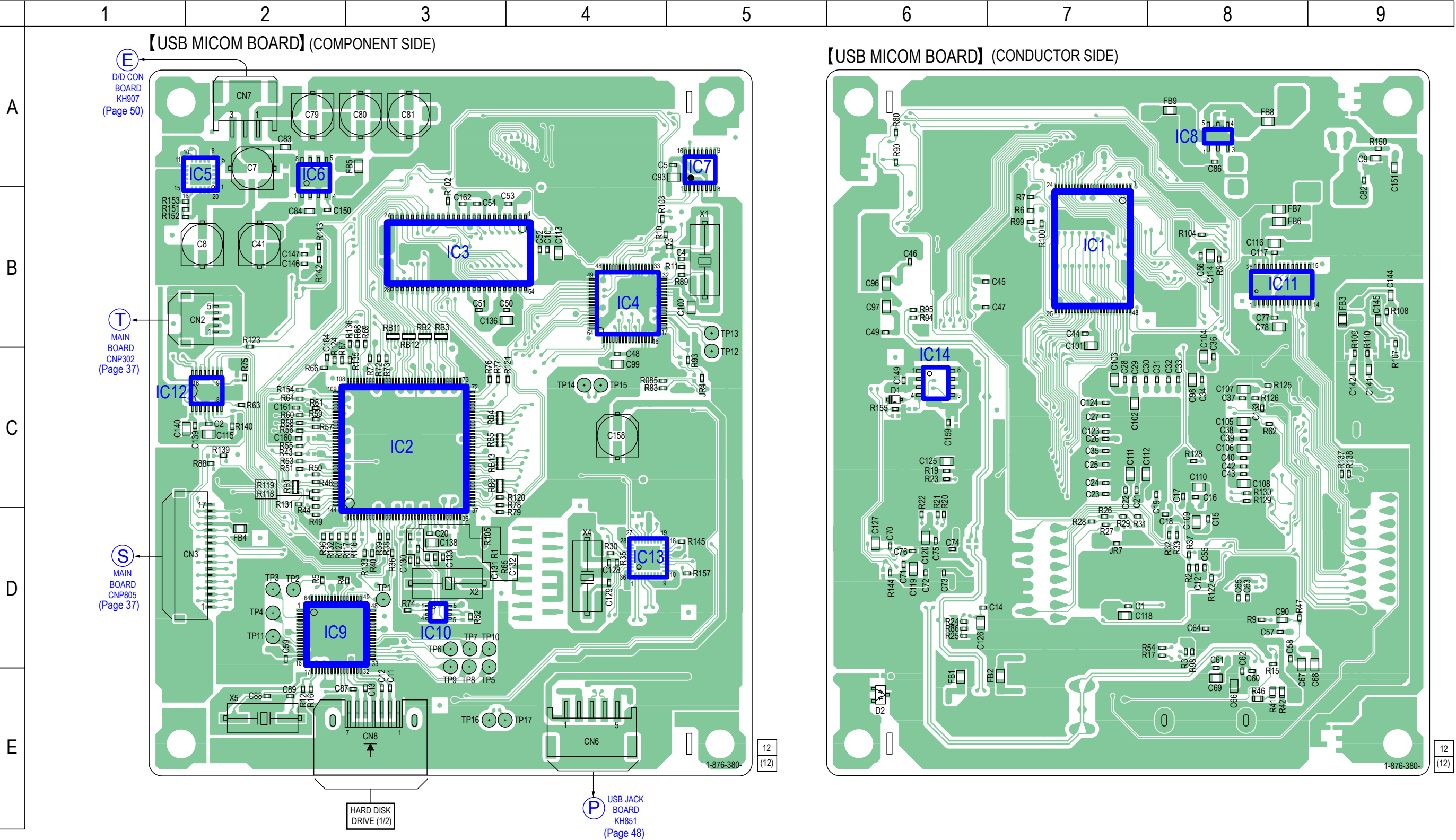
Note: IC1 on the USB MICOM board cannot exchange with single. When IC1 on the USB MICOM board is damaged, exchange the entire mounted board.

6-10. SCHEMATIC DIAGRAM - USB MICOM Board (4/4) - • See page 43 for waveforms. • See page 54 for IC Block Diagrams. • See page 64 for IC Pin Function Description.



Note: IC5 on the USB MICOM board cannot exchange with single. When IC5 on the USB MICOM board is damaged, exchange the entire mounted board.

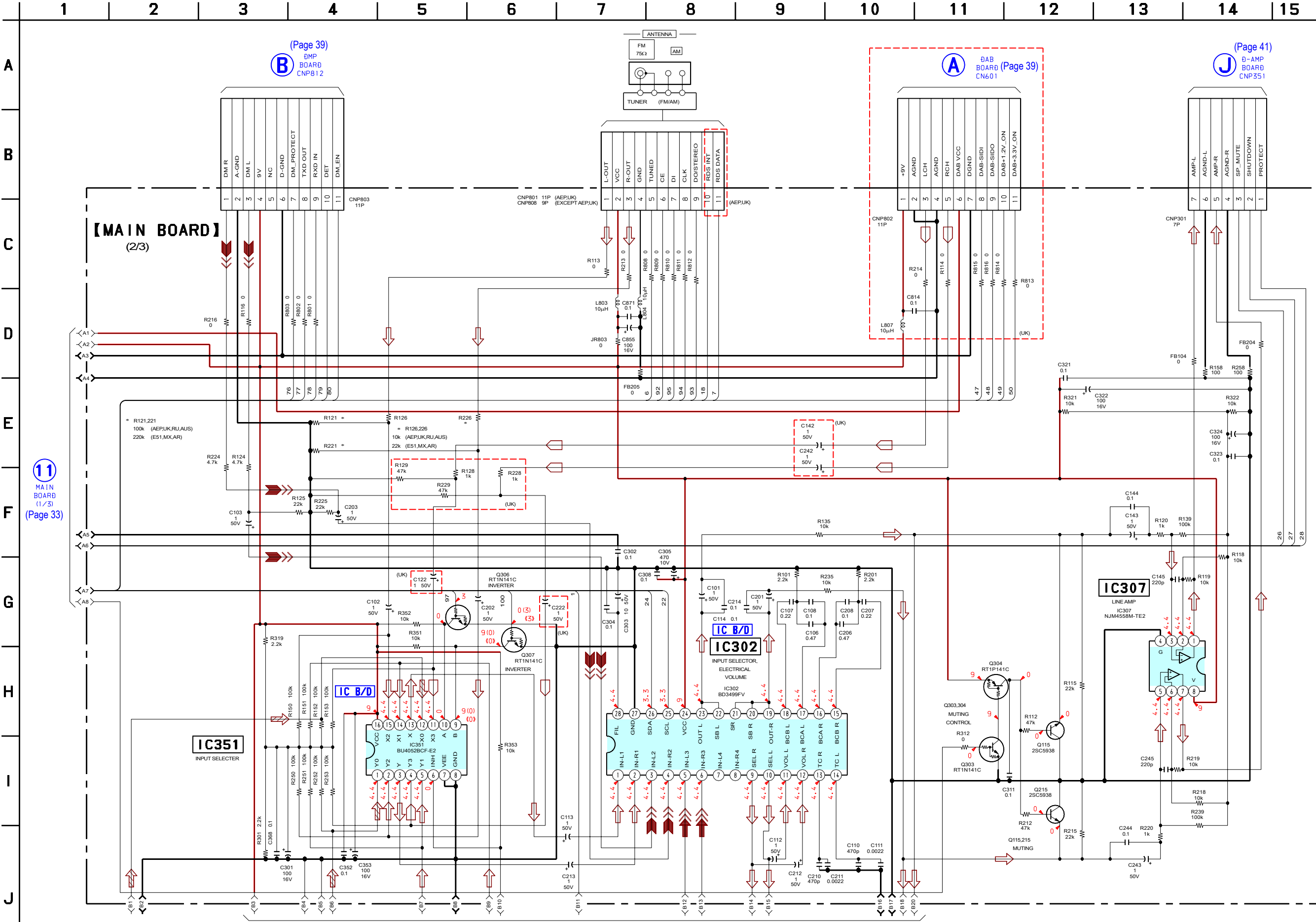
6-11. PRINTED WIRING BOARD - USB MICOM Board - • See page 25 for Circuit Boards Location. • : Uses unleaded solder.



Note: IC1, IC5 and IC13 on the USB MICOM board cannot exchange with single. When IC1, IC5 and IC13 on the USB MICOM board are damaged, exchange the entire mounted board.



6-13. SCHEMATIC DIAGRAM - MAIN Board (2/3) - • See page 54 for IC Block Diagrams.

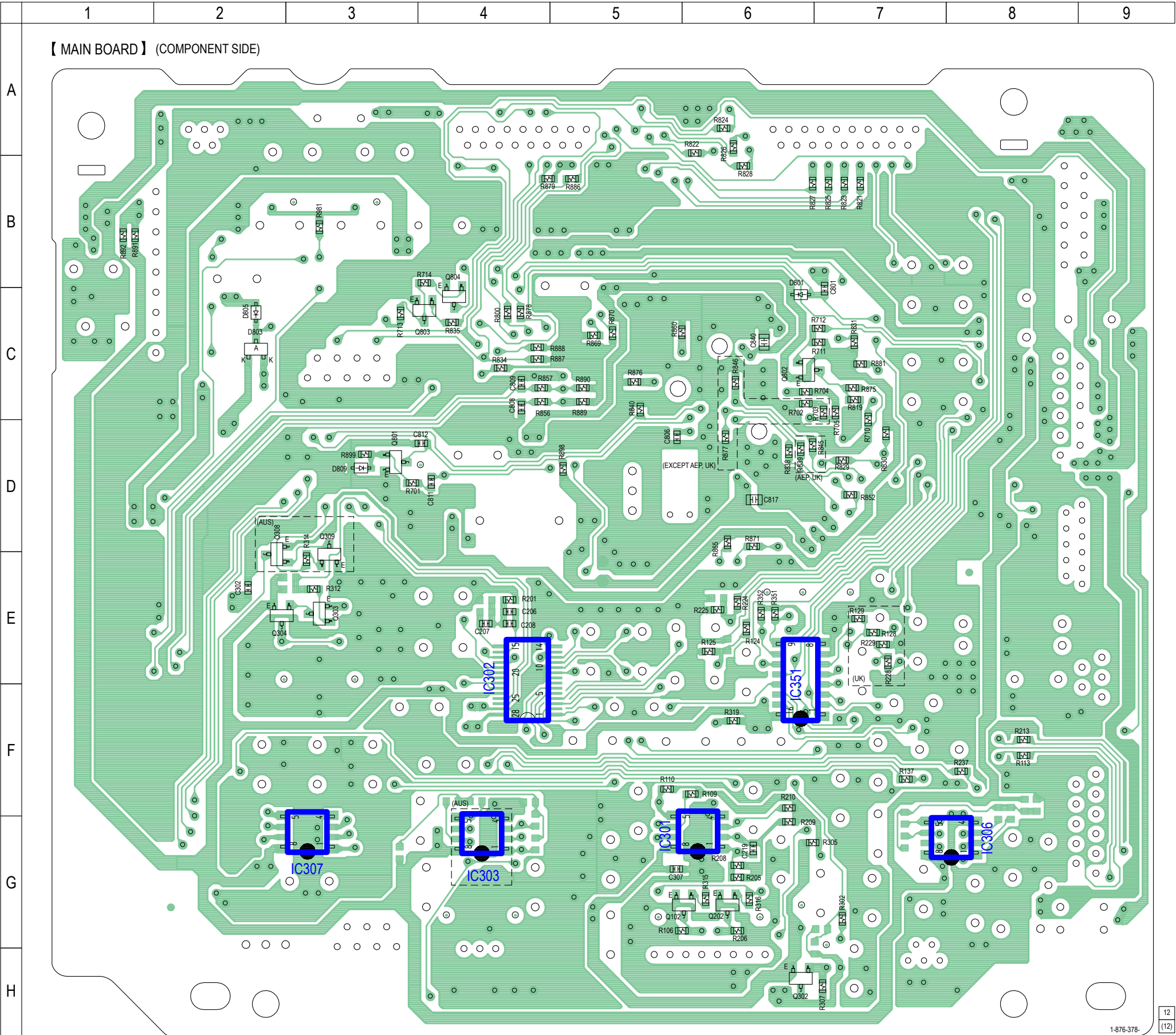




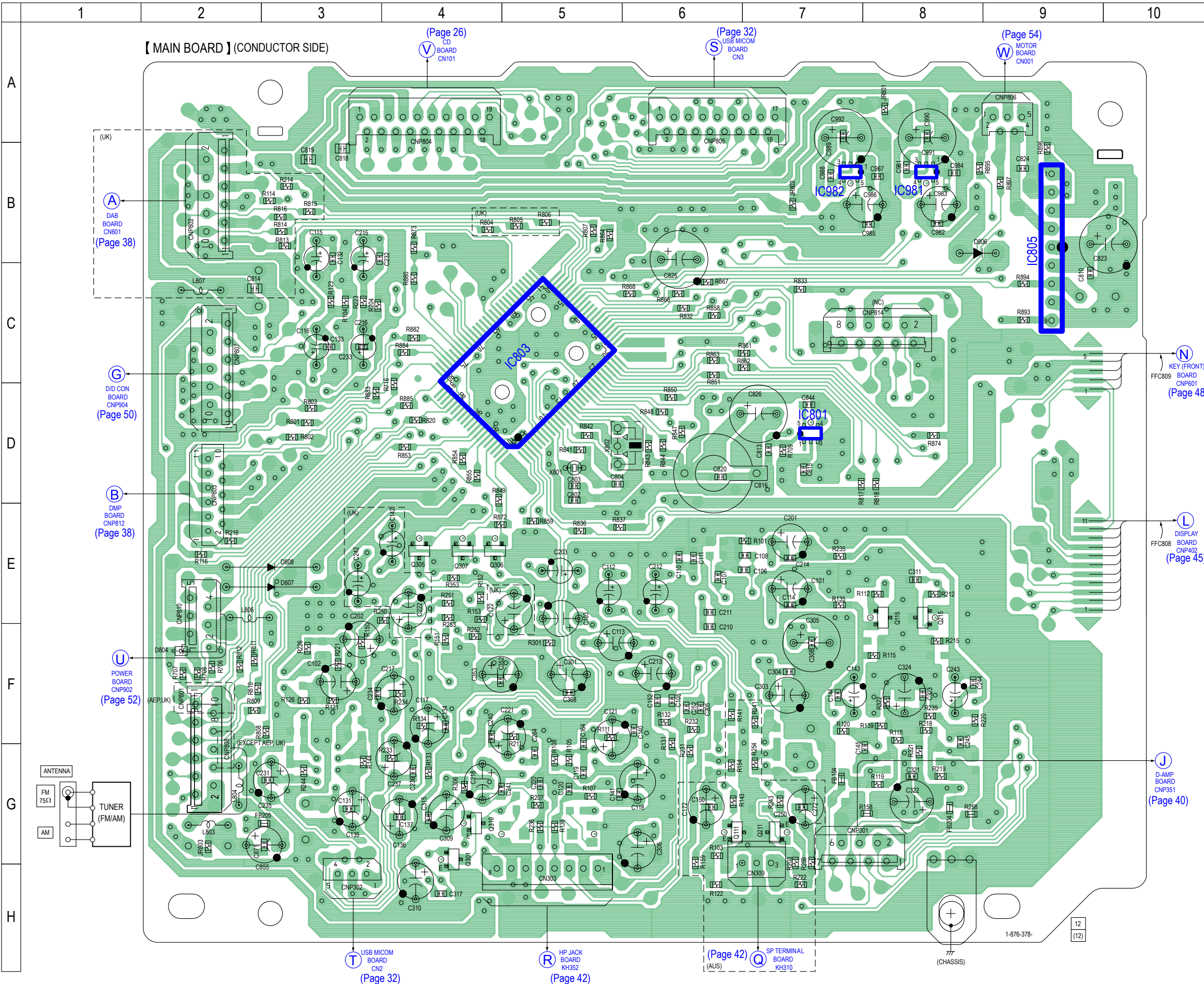
• Semiconductor Location

Ref. No.	Location
D801	C-6
D803	C-2
D805	C-2
D809	D-3
IC301	G-6
IC302	E-4
IC303	G-4
IC306	G-8
IC307	G-3
IC351	E-6
Q102	G-6
Q202	G-6
Q302	H-6
Q303	E-3
Q304	E-2
Q308	E-2
Q309	E-3
Q801	D-3
Q802	C-6
Q803	C-4
Q804	C-4

6-15. PRINTED WIRING BOARD - MAIN Board (Component Side) - • See page 25 for Circuit Boards Location. • : Uses unleaded solder.

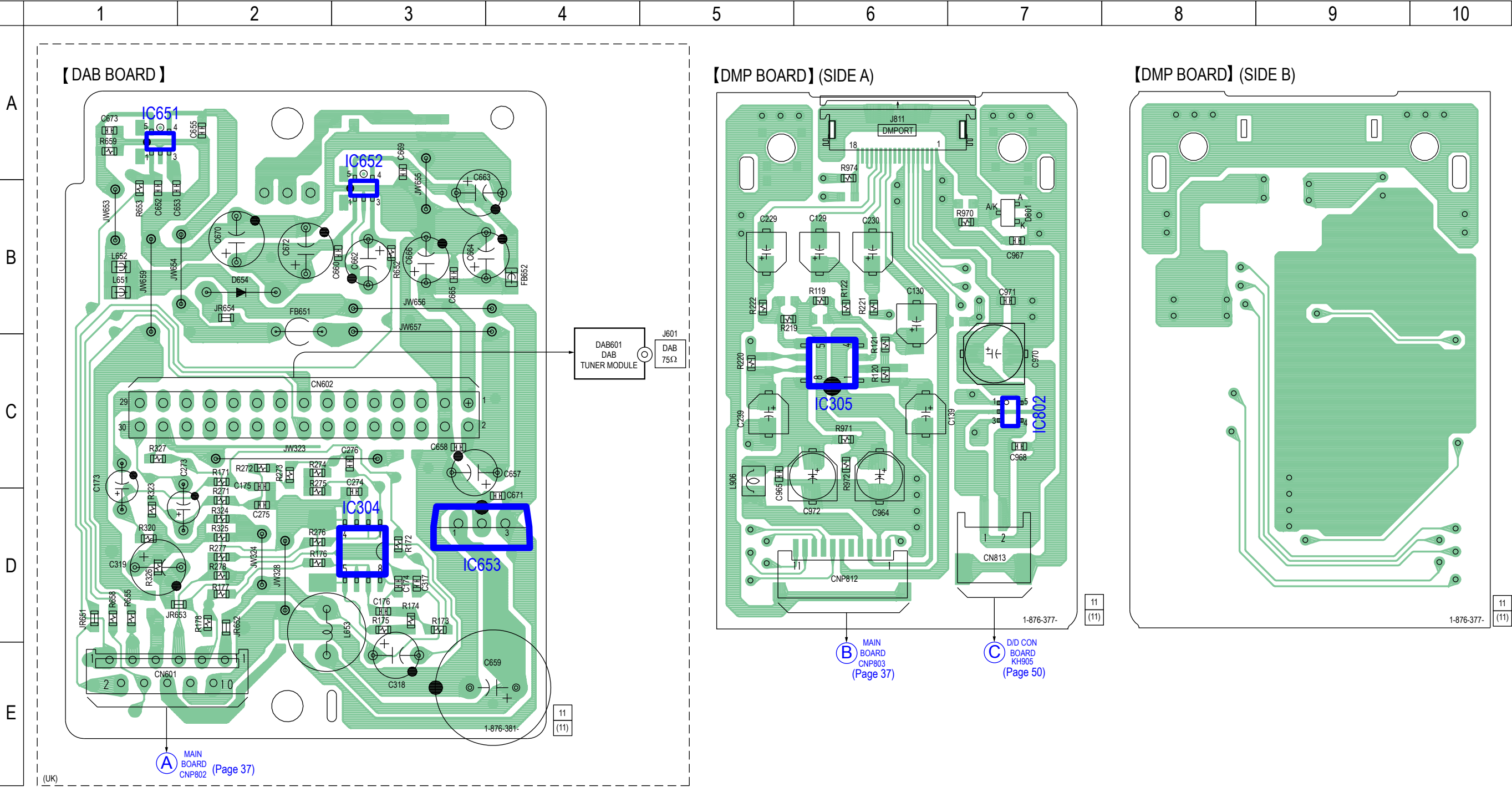


6-16. PRINTED WIRING BOARD - MAIN Board (Conductor Side) - • See page 25 for Circuit Boards Location. •  : Uses unleaded solder.



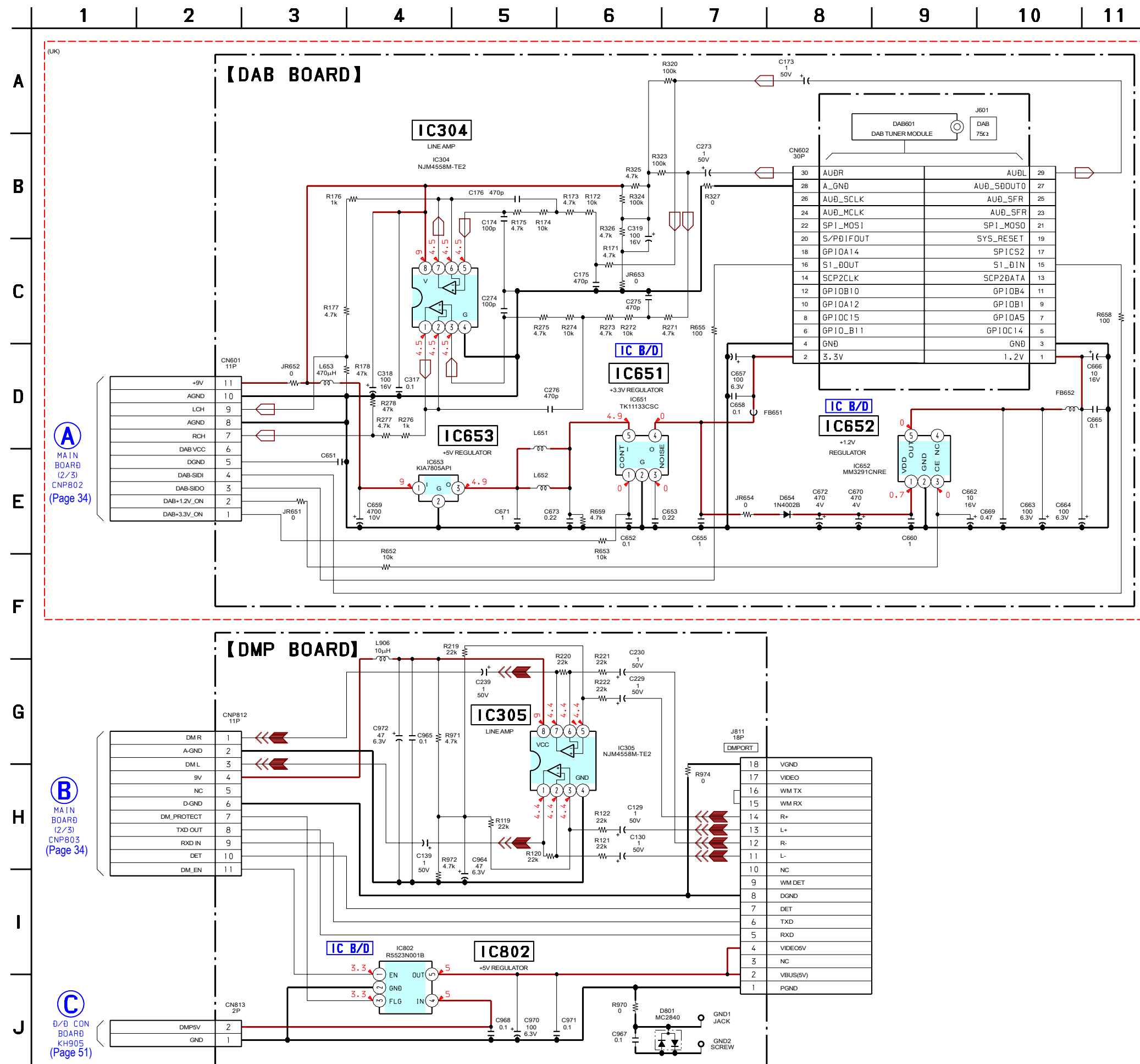
• Semiconductor Location

Ref. No.	Location
D804	F-2
D806	B-8
D807	E-3
D808	E-3
IC801	D-7
IC803	C-5
IC805	B-9
IC981	B-8
IC982	B-7
Q111	G-6
Q115	E-8
Q211	G-7
Q215	E-8
Q301	G-4
Q305	E-4
Q306	E-4
Q307	E-4
Q310	G-4



Semiconductor Location	
Ref. No.	Location
D351	D-2
IC352	D-3
Q151	B-5
Q152	B-5
Q251	B-5
Q252	B-5
Q352	D-2
Q353	D-2
Q354	D-1
Q355	B-4

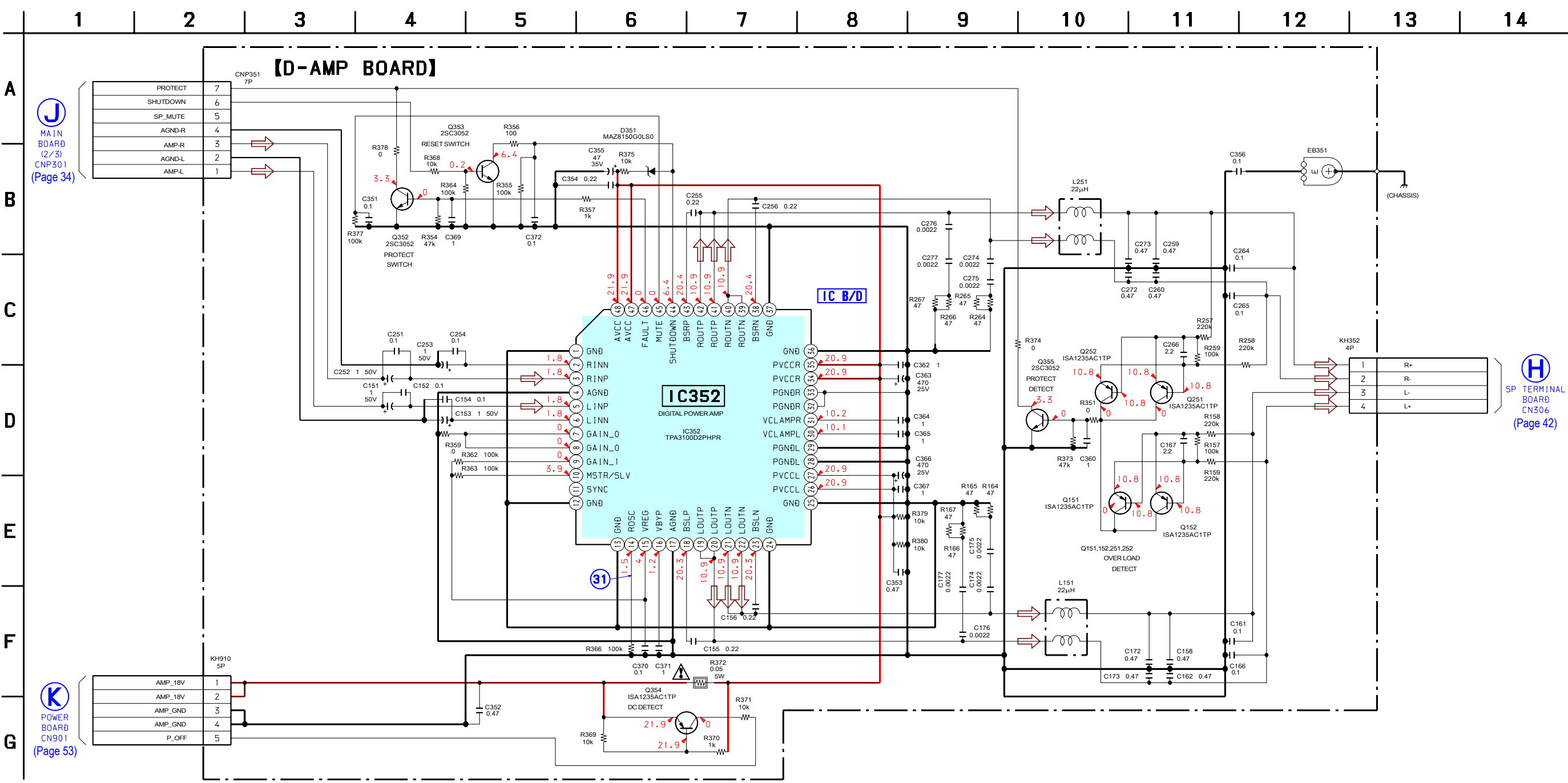
39



40 40

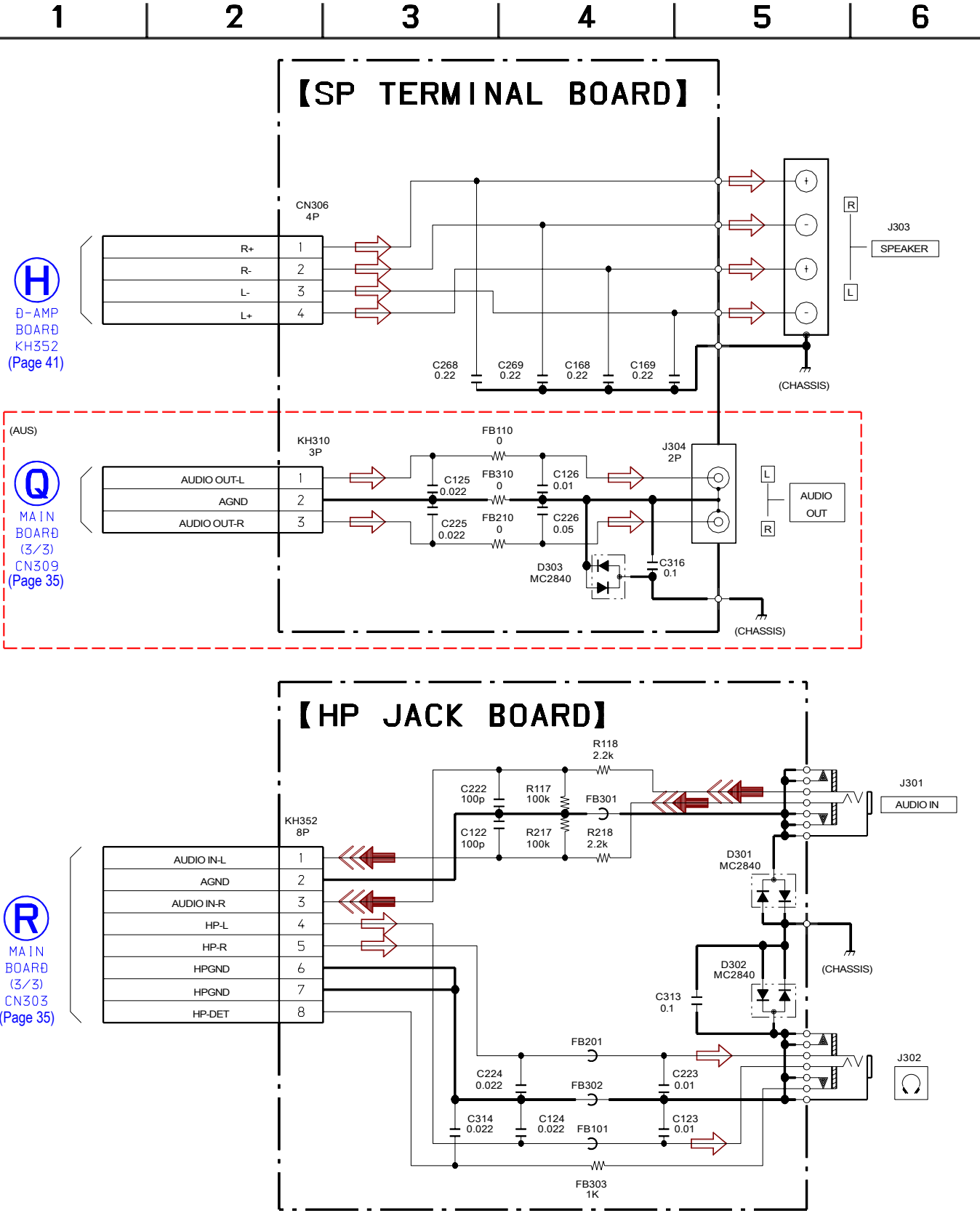


6-20. SCHEMATIC DIAGRAM - D-AMP Board - • See page 43 for waveforms. • See page 54 for IC Block Diagrams.



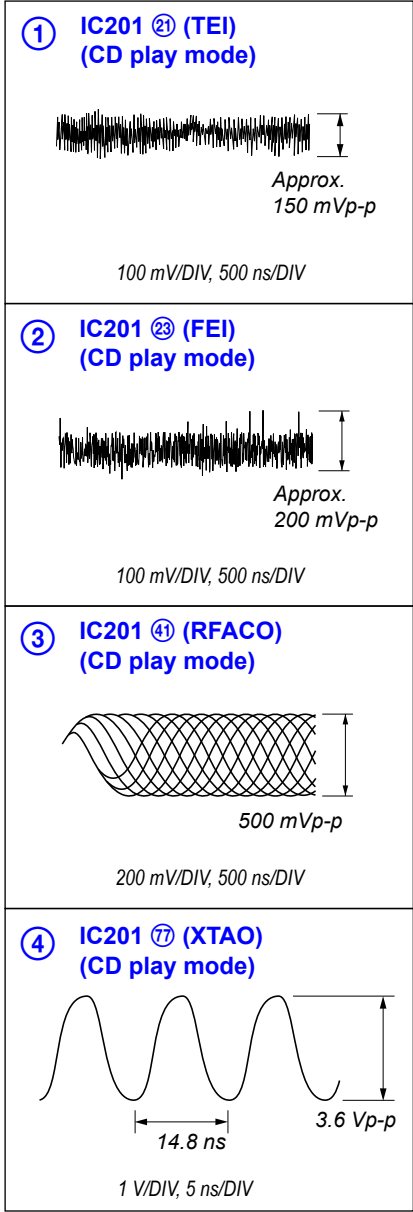
6-22. SCHEMATIC DIAGRAM - SPEAKER Section -

• See page 25 for Circuit Boards Location. •  : Uses unleaded solder.

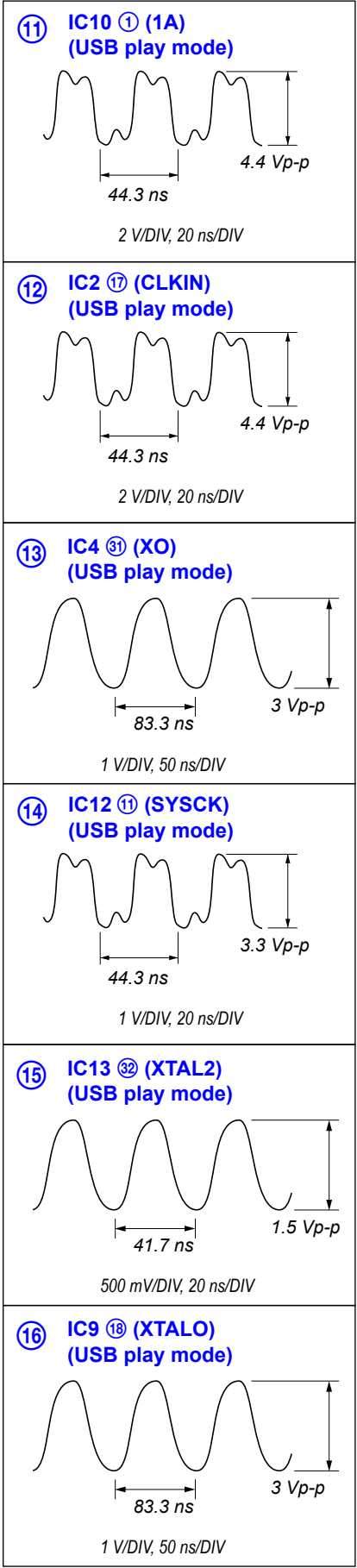


• Waveforms

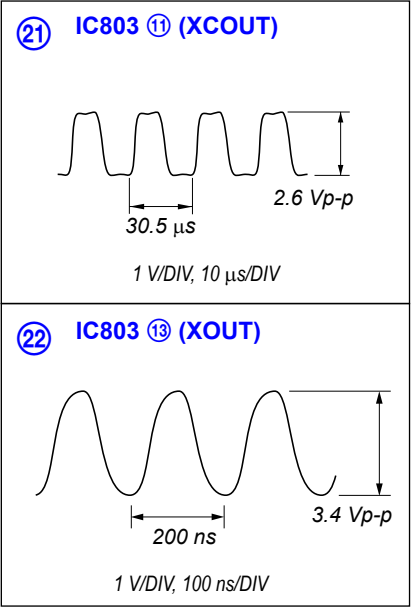
– CD Board –



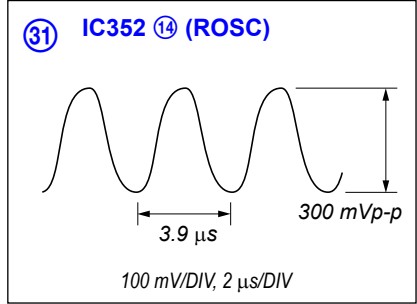
– USB MICOM Board –



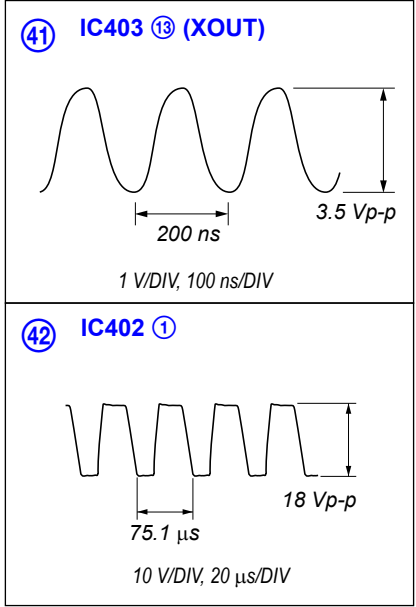
– MAIN Board –



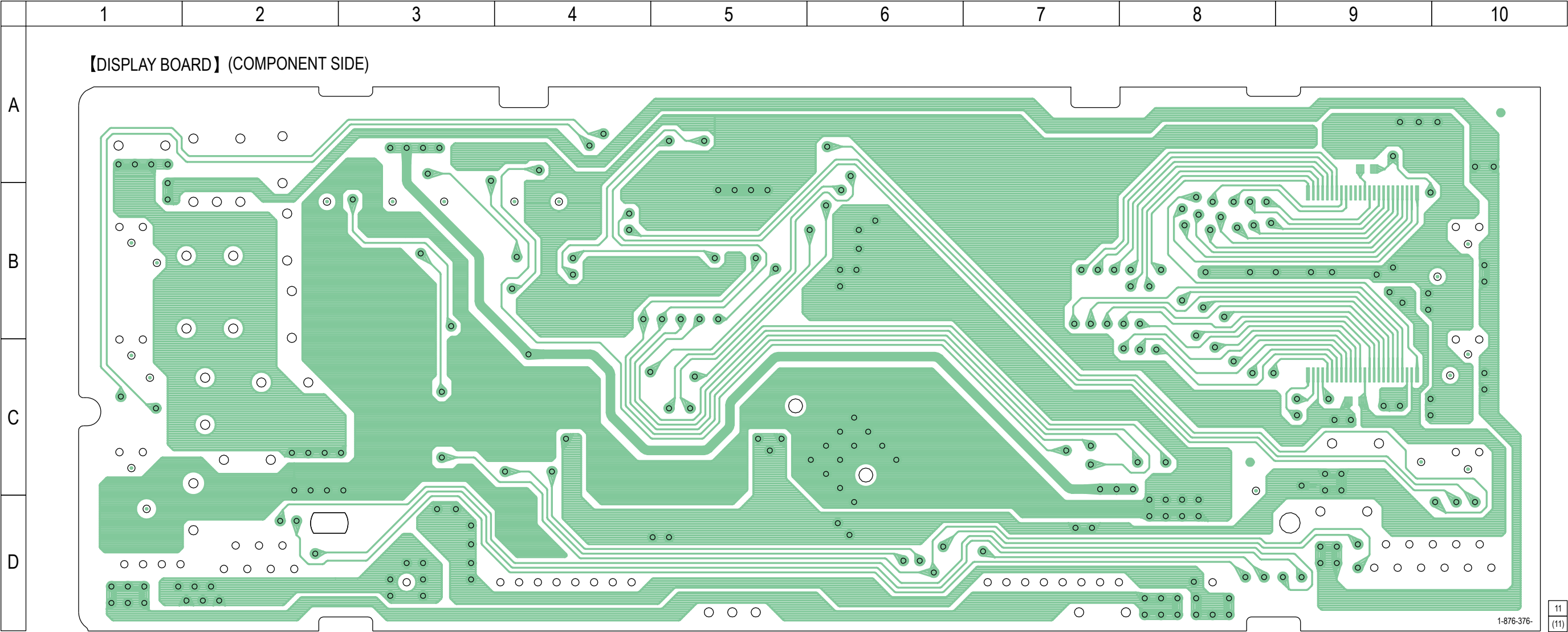
– D-AMP Board –



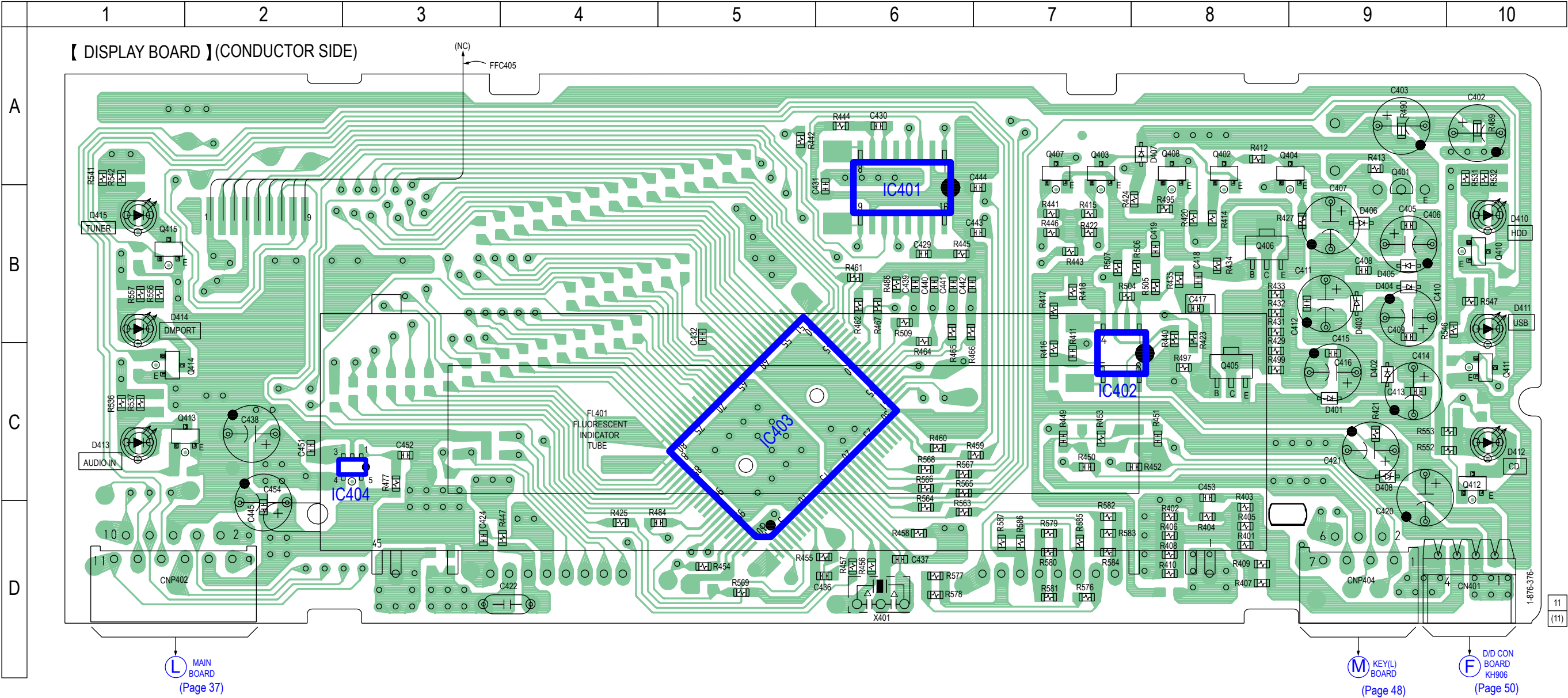
– DISPLAY Board –



6-23. PRINTED WIRING BOARD - DISPLAY Board (Component Side) - • See page 25 for Circuit Boards Location. •  : Uses unleaded solder.

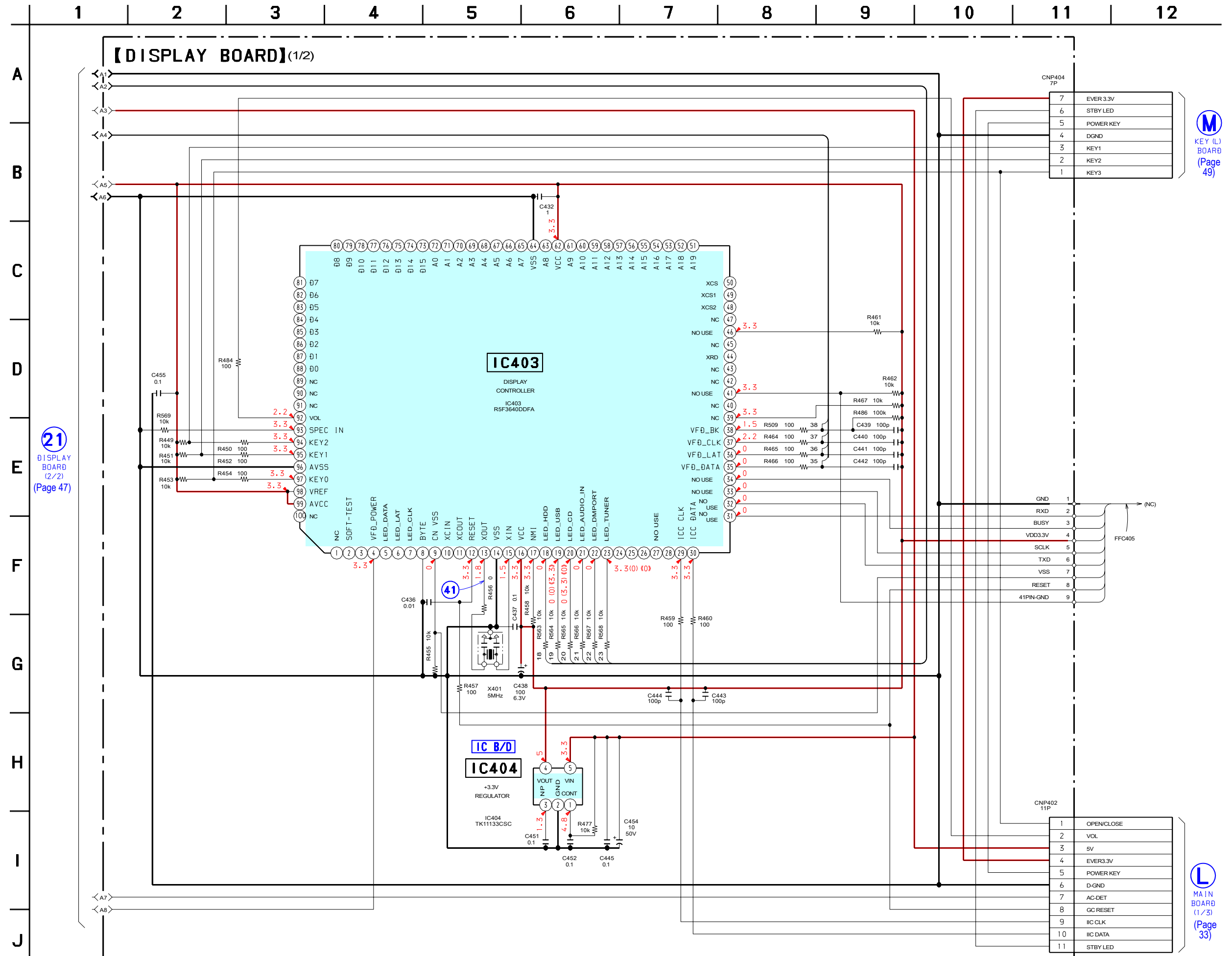


6-24. PRINTED WIRING BOARD - DISPLAY Board (Conductor Side) - • See page 25 for Circuit Boards Location. •  : Uses unleaded solder.

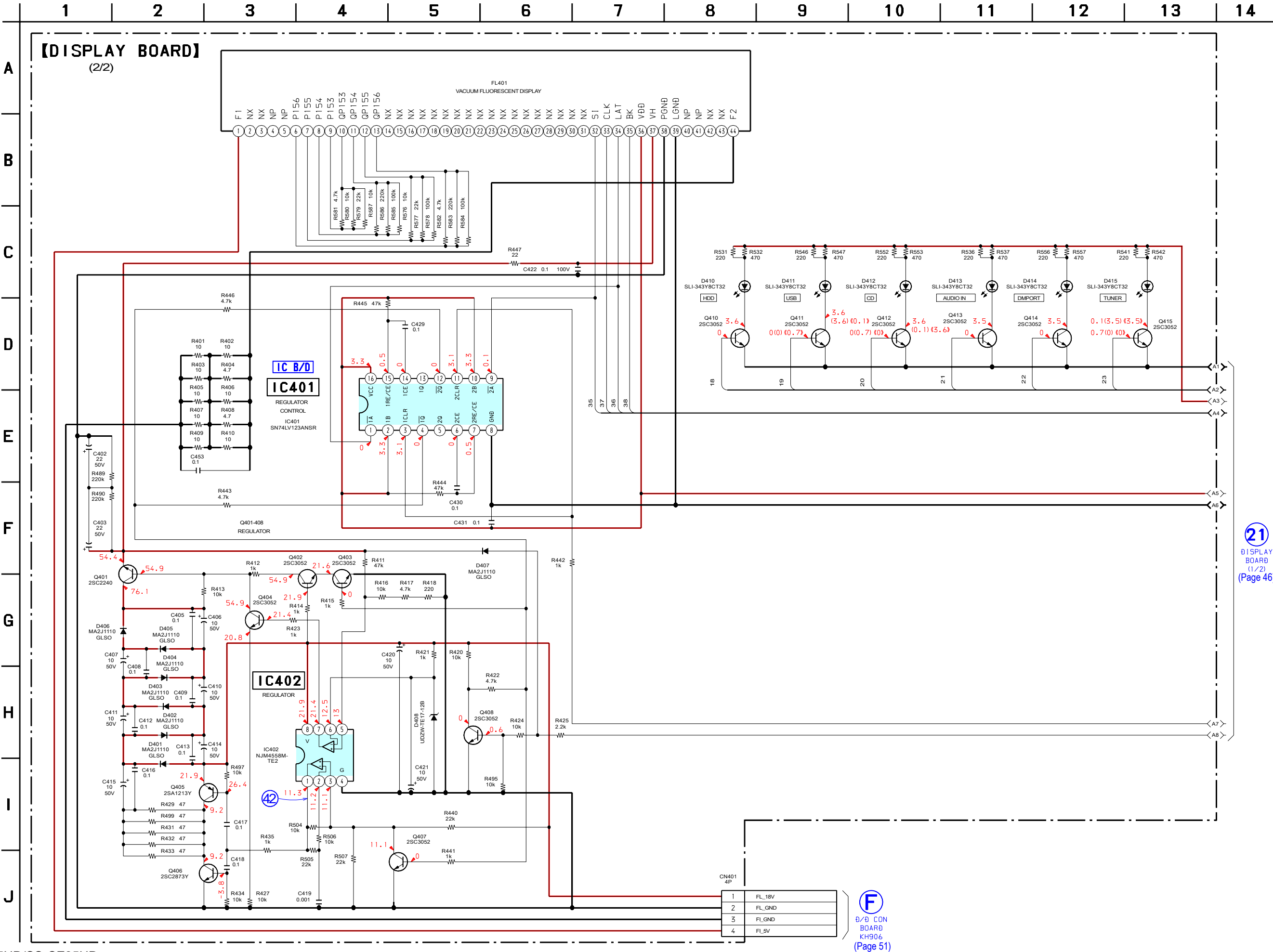


Semiconductor Location			
Ref. No.	Location	Ref. No.	Location
D401	C-9	IC403	C-5
D402	C-9	IC404	C-3
D403	B-9		
D404	B-9	Q401	B-9
D405	B-9	Q402	A-8
D406	B-9	Q403	A-7
D407	A-8	Q404	A-9
D408	C-9	Q405	C-8
D410	B-10	Q406	B-8
D411	B-10	Q407	A-7
D412	C-10	Q408	A-8
D413	C-1	Q410	B-10
D414	B-1	Q411	C-10
D415	B-1	Q412	C-10
IC401	B-6	Q413	C-2
IC402	C-7	Q414	C-1
		Q415	B-1

6-25. SCHEMATIC DIAGRAM - DISPLAY Board (1/2) - • See page 43 for waveforms. • See page 54 for IC Block Diagrams. • See page 64 for IC Pin Function Description.



6-26. SCHEMATIC DIAGRAM - DISPLAY Board (2/2) - • See page 43 for waveforms. • See page 54 for IC Block Diagrams.

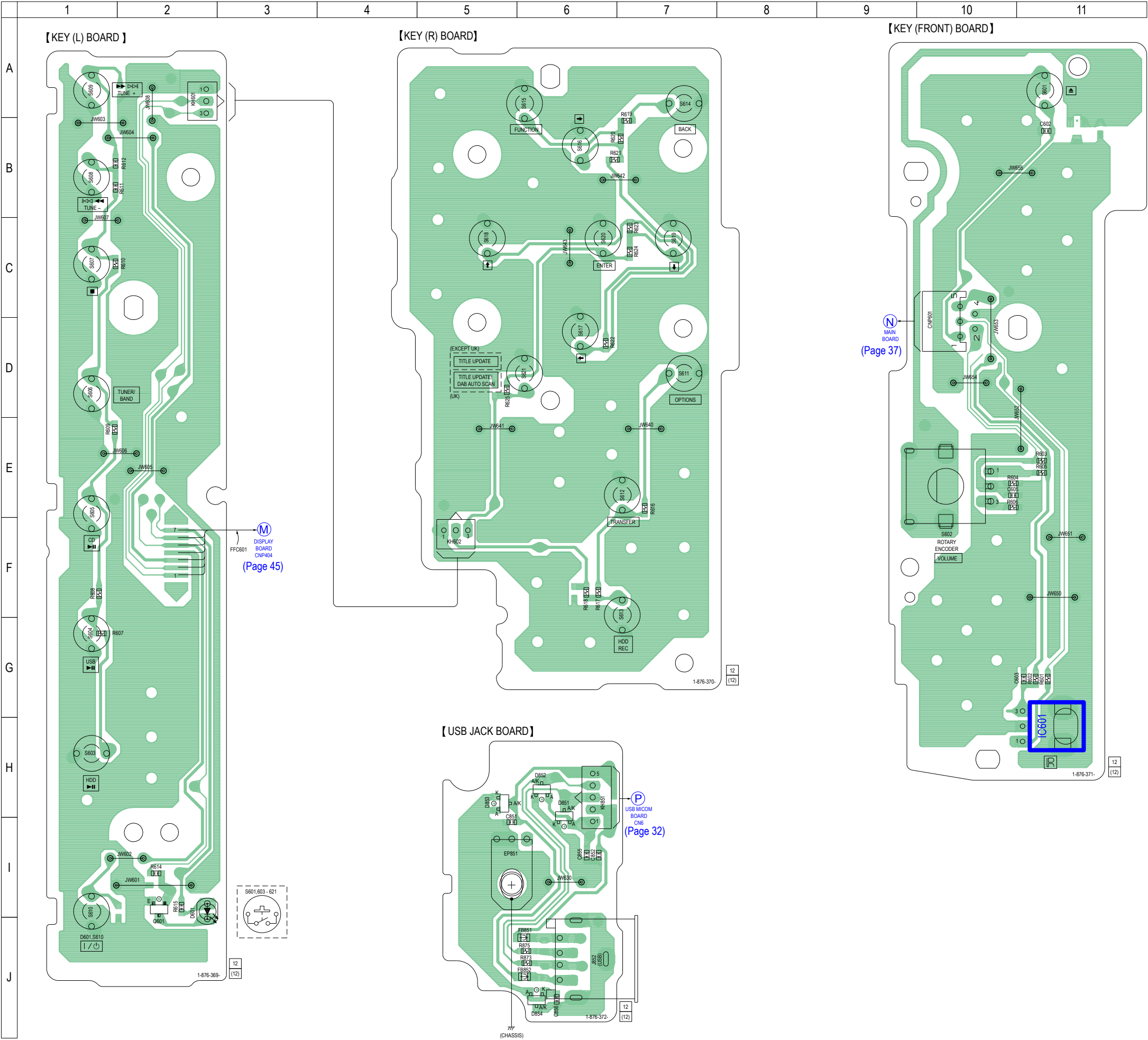


21
DISPLAY
BOARD
(1/2)
(Page 46)

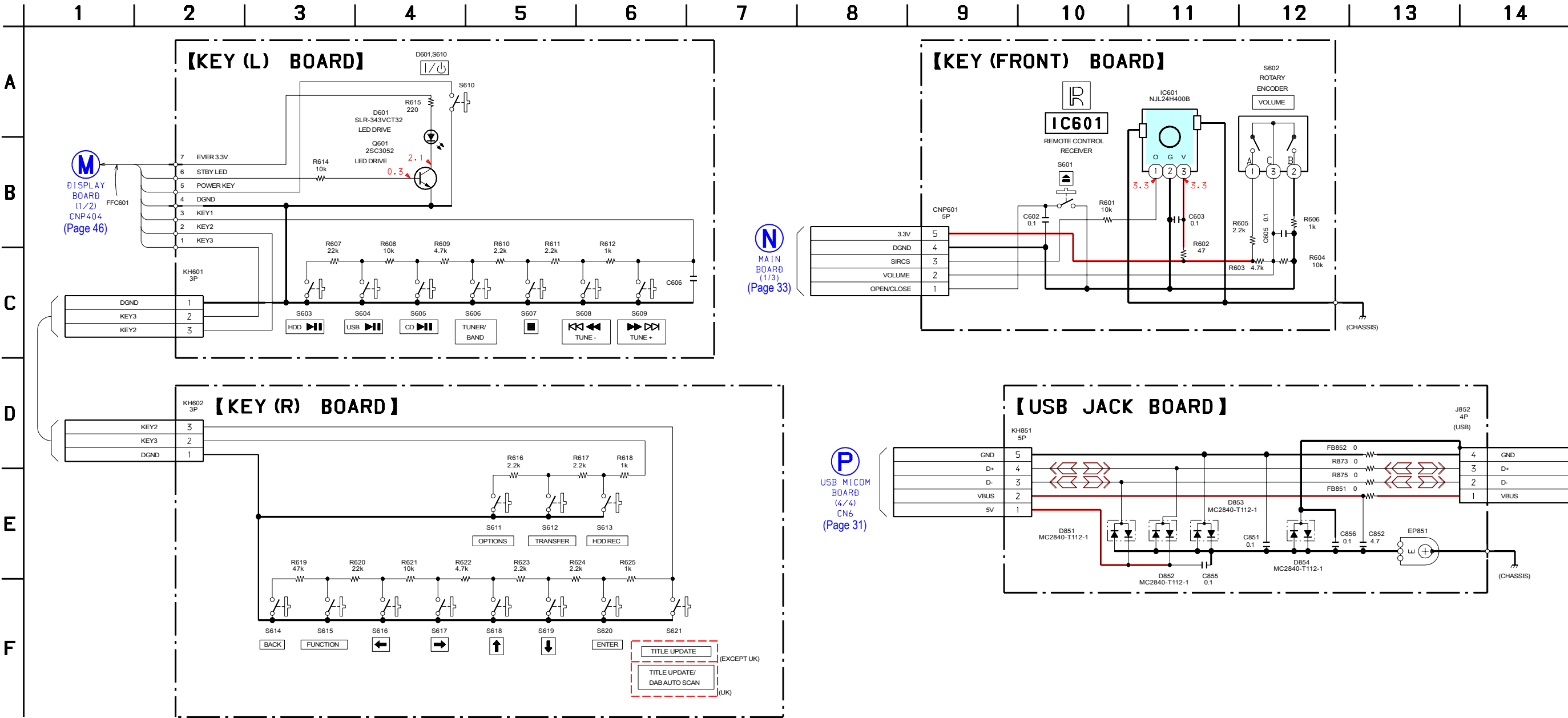
6-27. PRINTED WIRING BOARDS - PANEL Section - • See page 25 for Circuit Boards Location. •  : Uses unleaded solder.

• Semiconductor Location

Ref. No.	Location
D601	I-2
D851	H-6
D852	H-6
D853	H-5
D854	J-6
IC601	H-11
Q601	I-2



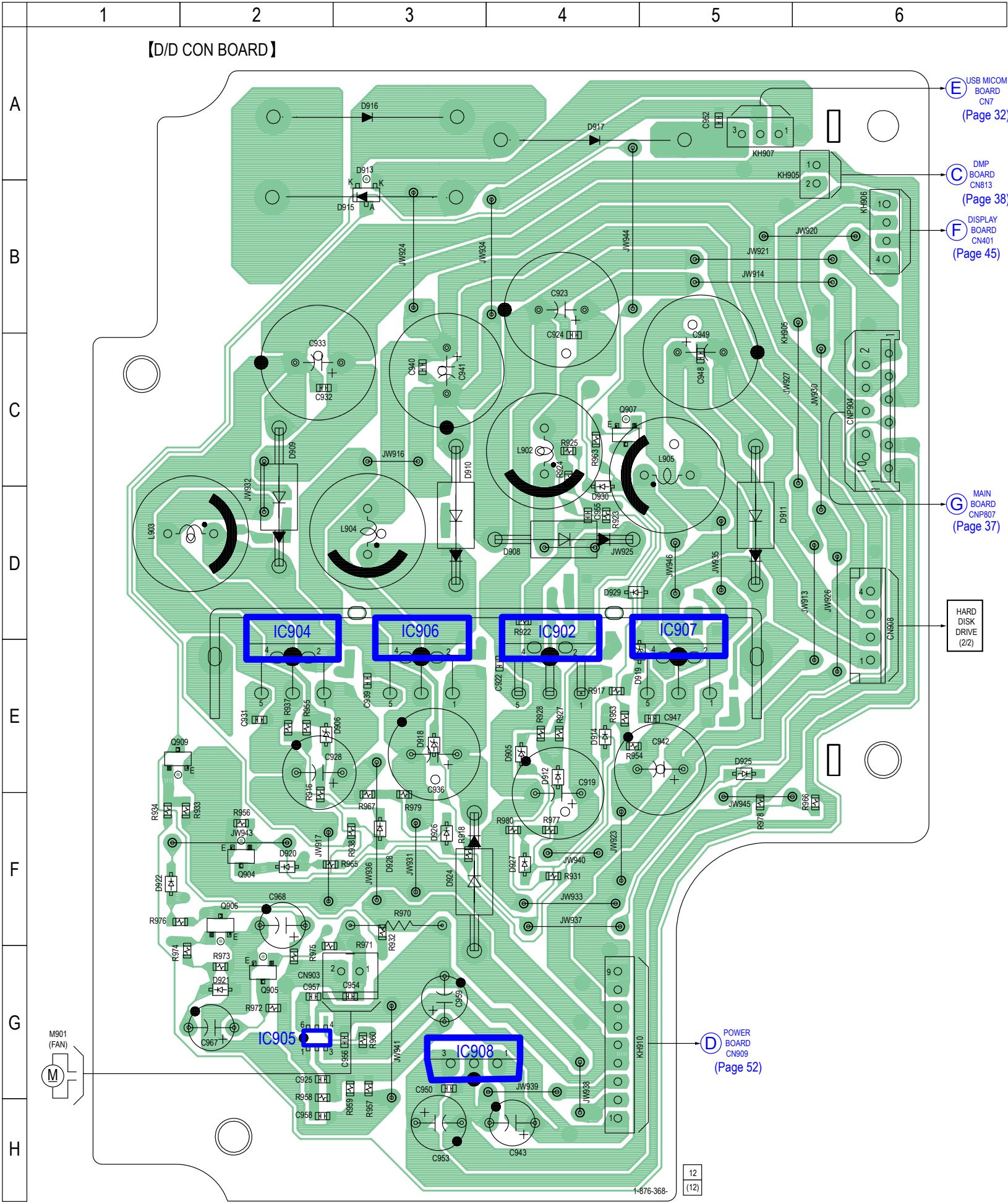
6-28. SCHEMATIC DIAGRAM - PANEL Section -



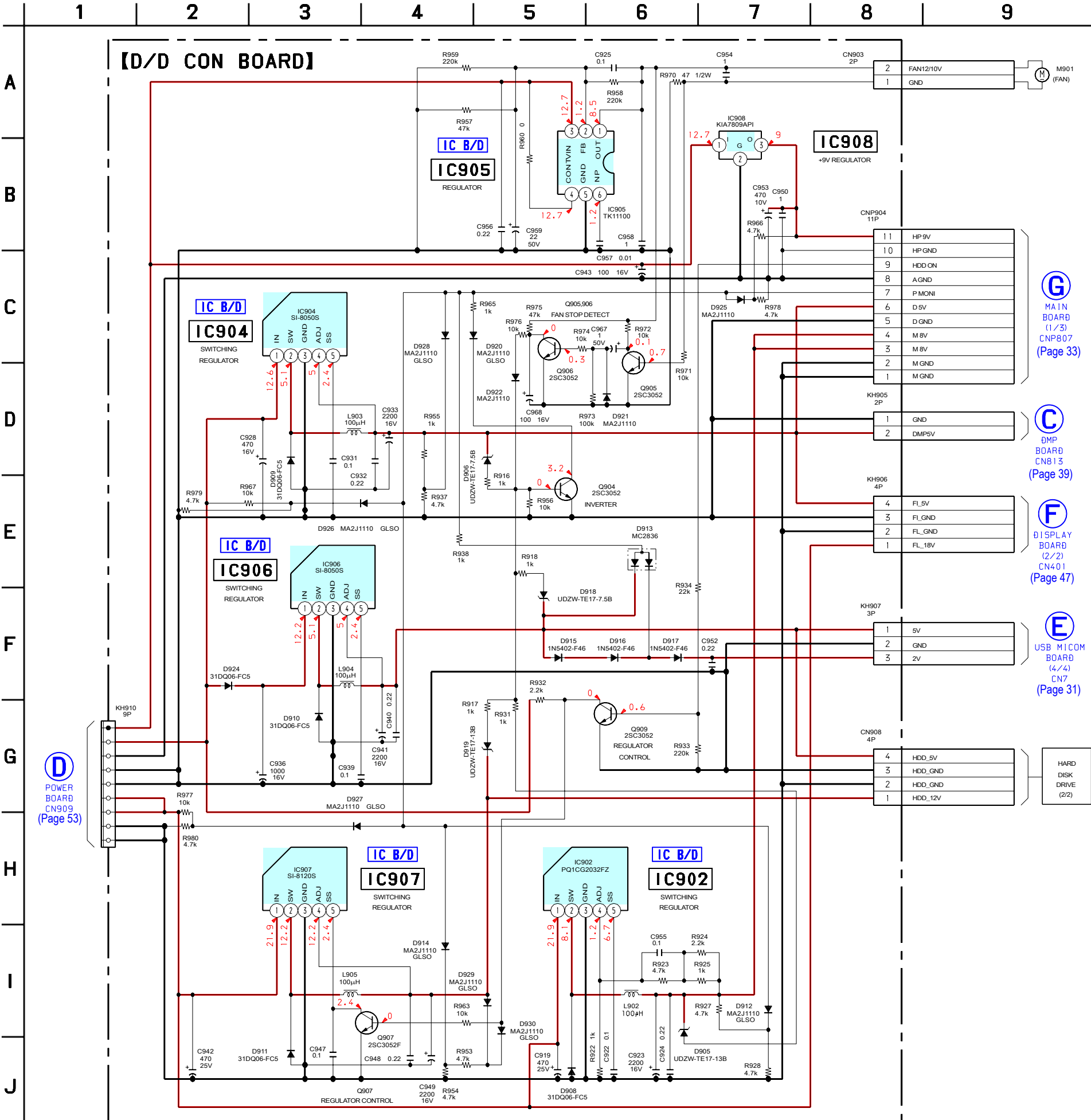
6-29. PRINTED WIRING BOARD - D/D CON Board - • See page 25 for Circuit Boards Location. •  : Uses unleaded solder.

• Semiconductor Location

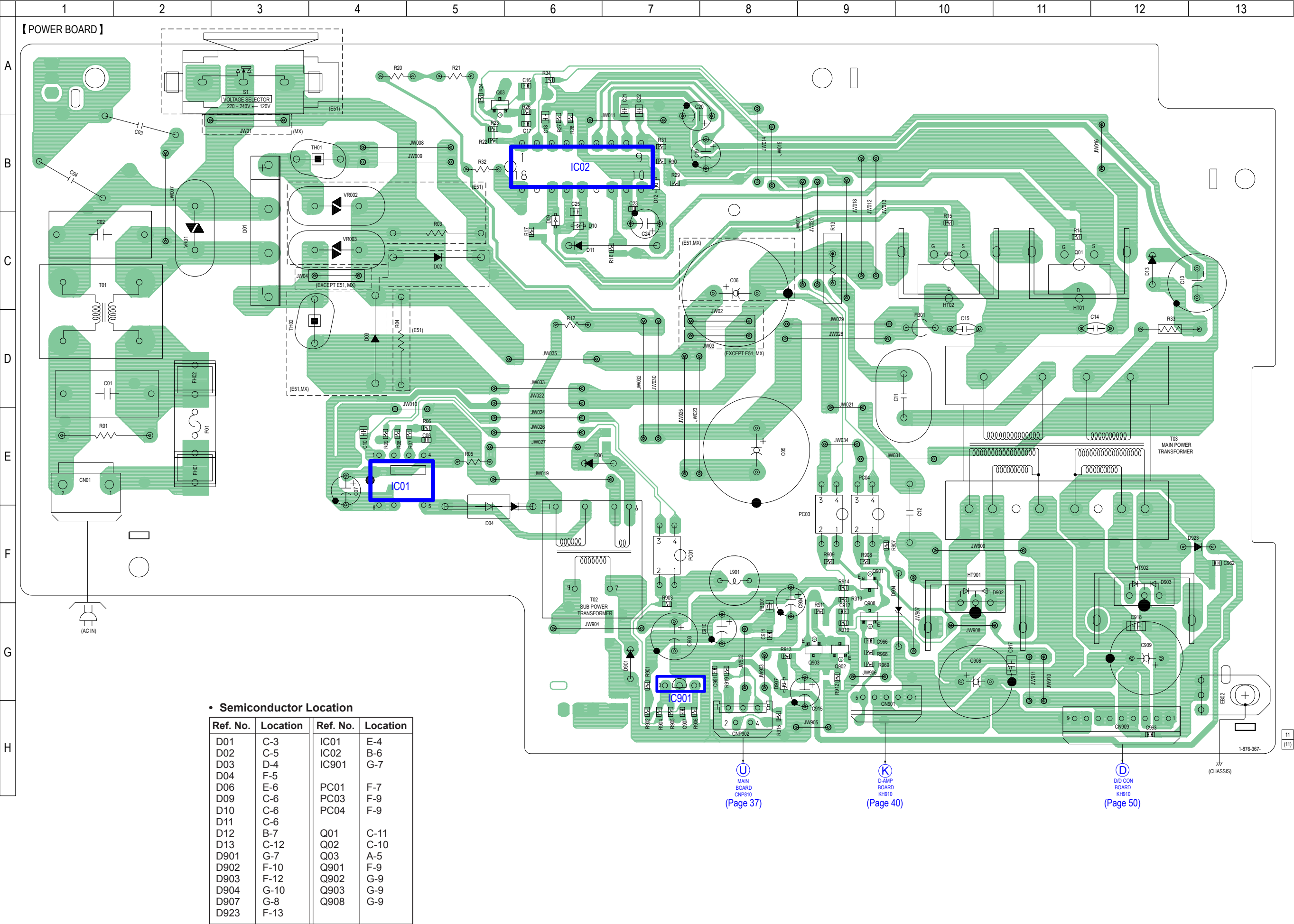
Ref. No.	Location
D905	E-4
D906	E-2
D908	D-4
D909	D-2
D910	D-3
D911	D-5
D912	E-4
D913	B-3
D914	E-4
D915	B-3
D916	A-3
D917	A-4
D918	E-3
D919	E-4
D920	F-2
D921	G-2
D922	F-1
D924	F-3
D925	E-5
D926	F-3
D927	F-4
D928	F-3
D929	D-4
D930	D-4
IC902	E-4
IC904	E-2
IC905	G-2
IC906	E-3
IC907	E-5
IC908	G-3
Q904	F-2
Q905	G-2
Q906	F-2
Q907	C-4
Q909	E-1



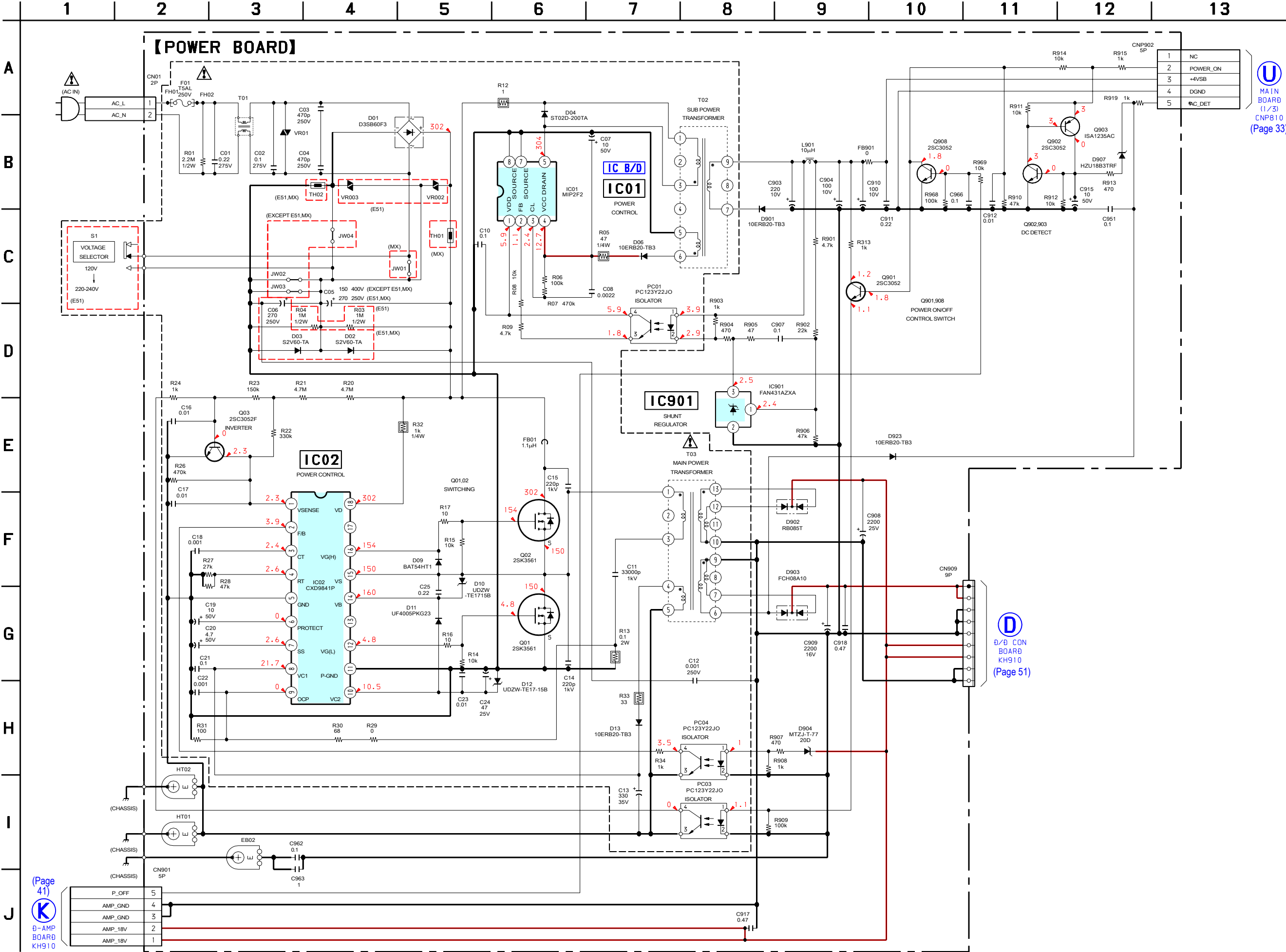
6-30. SCHEMATIC DIAGRAM - D/D CON Board - • See page 54 for IC Block Diagrams.



6-31. PRINTED WIRING BOARD - POWER Board - • See page 25 for Circuit Boards Location. •  : Uses unleaded solder.



6-32. SCHEMATIC DIAGRAM - POWER Board - • See page 54 for IC Block Diagrams. • See page 64 for IC Pin Function Description.



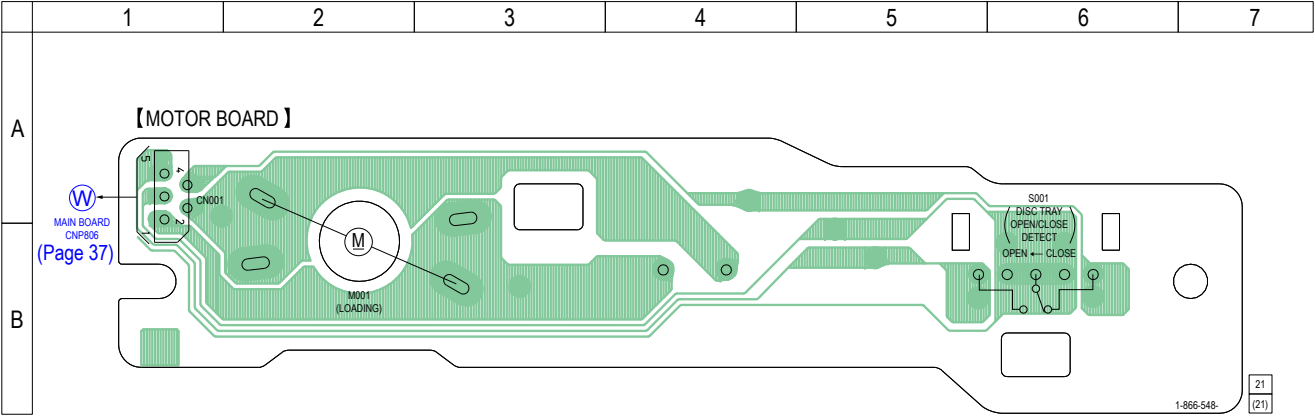
MAIN BOARD (1/3) CNP810 (Page 33)

D/D CON BOARD KH910 (Page 51)

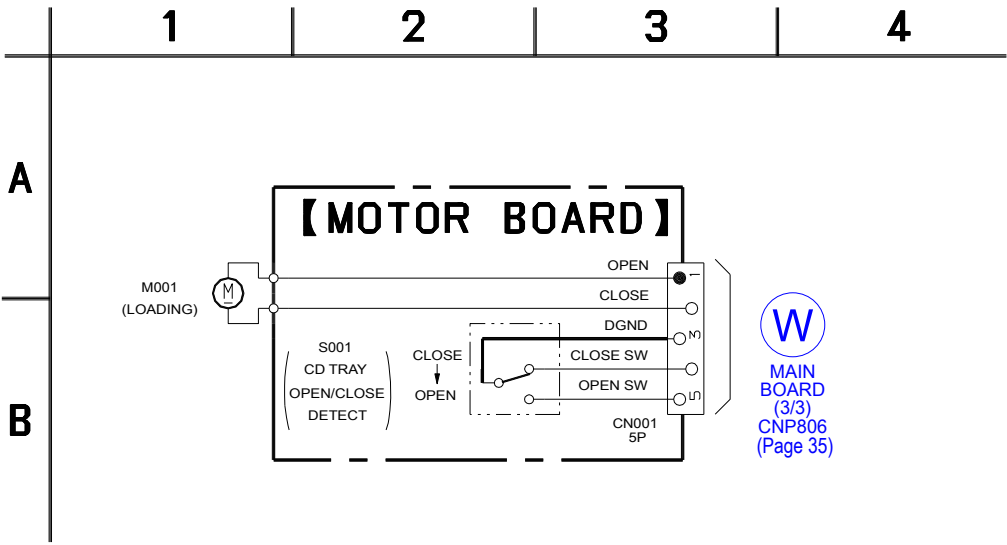
(Page 41) K D-AMP BOARD KH910

6-33. PRINTED WIRING BOARD - MOTOR Board -

• See page 25 for Circuit Boards Location. •  : Uses unleaded solder.



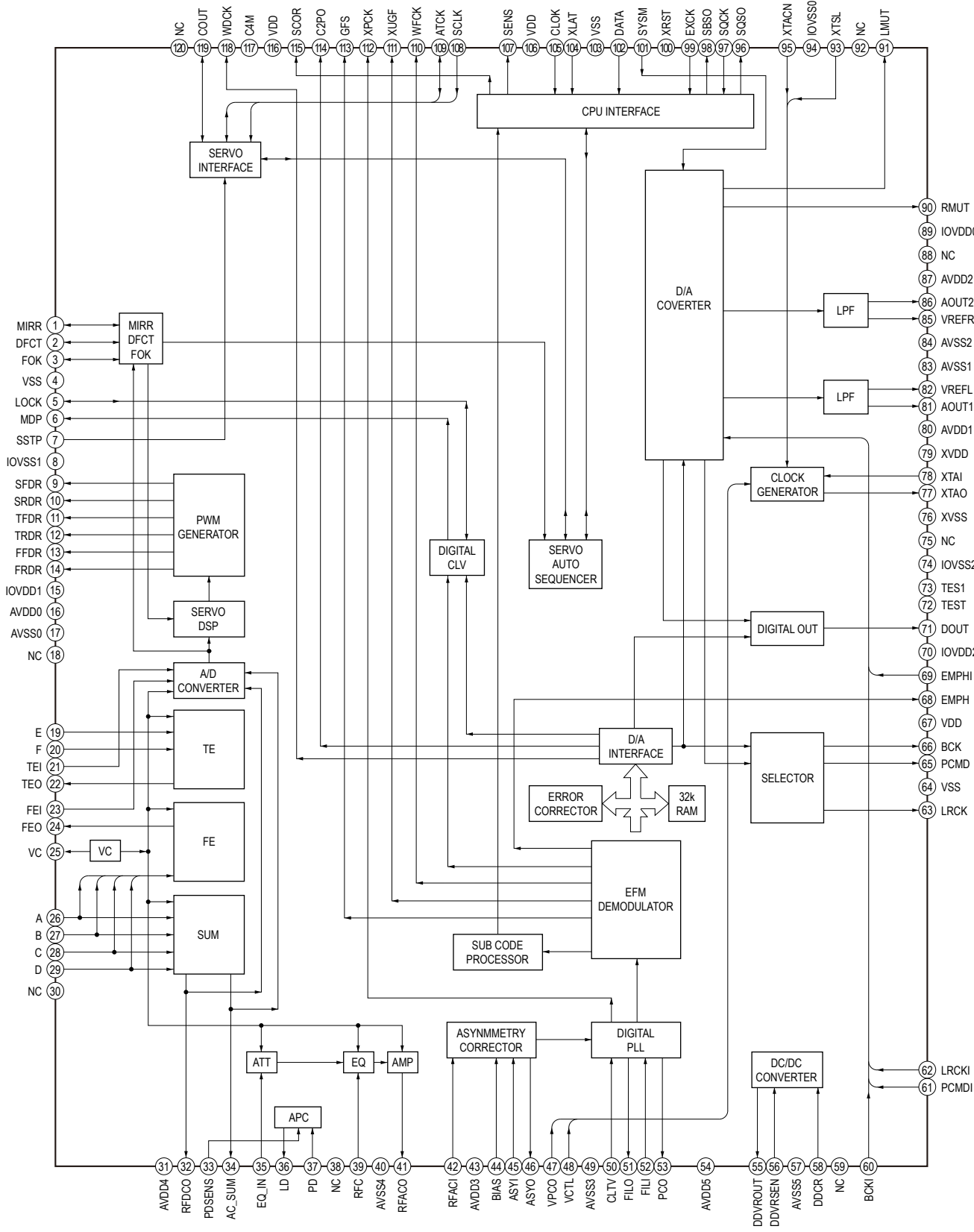
6-34. SCHEMATIC DIAGRAM - MOTOR Board -



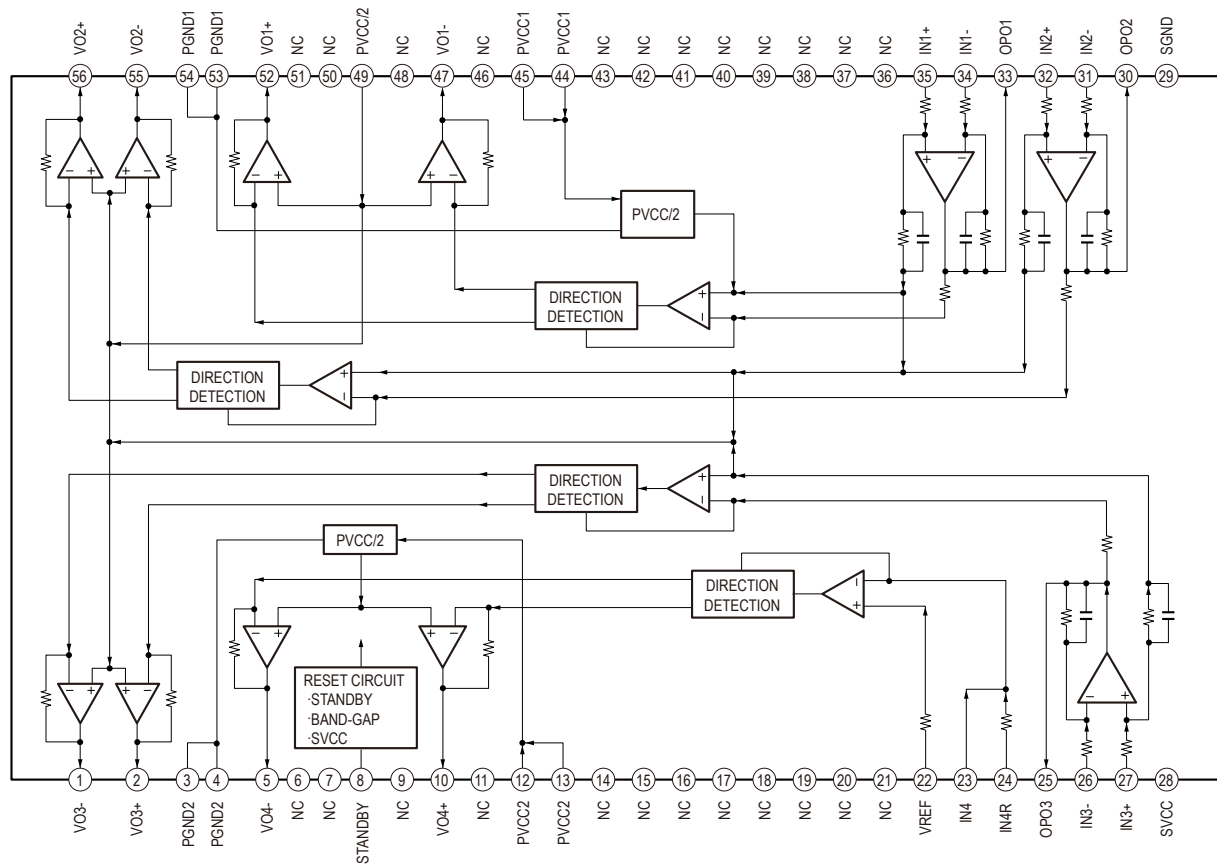
• IC Block Diagrams

– CD Board –

IC201 CXD3059AR

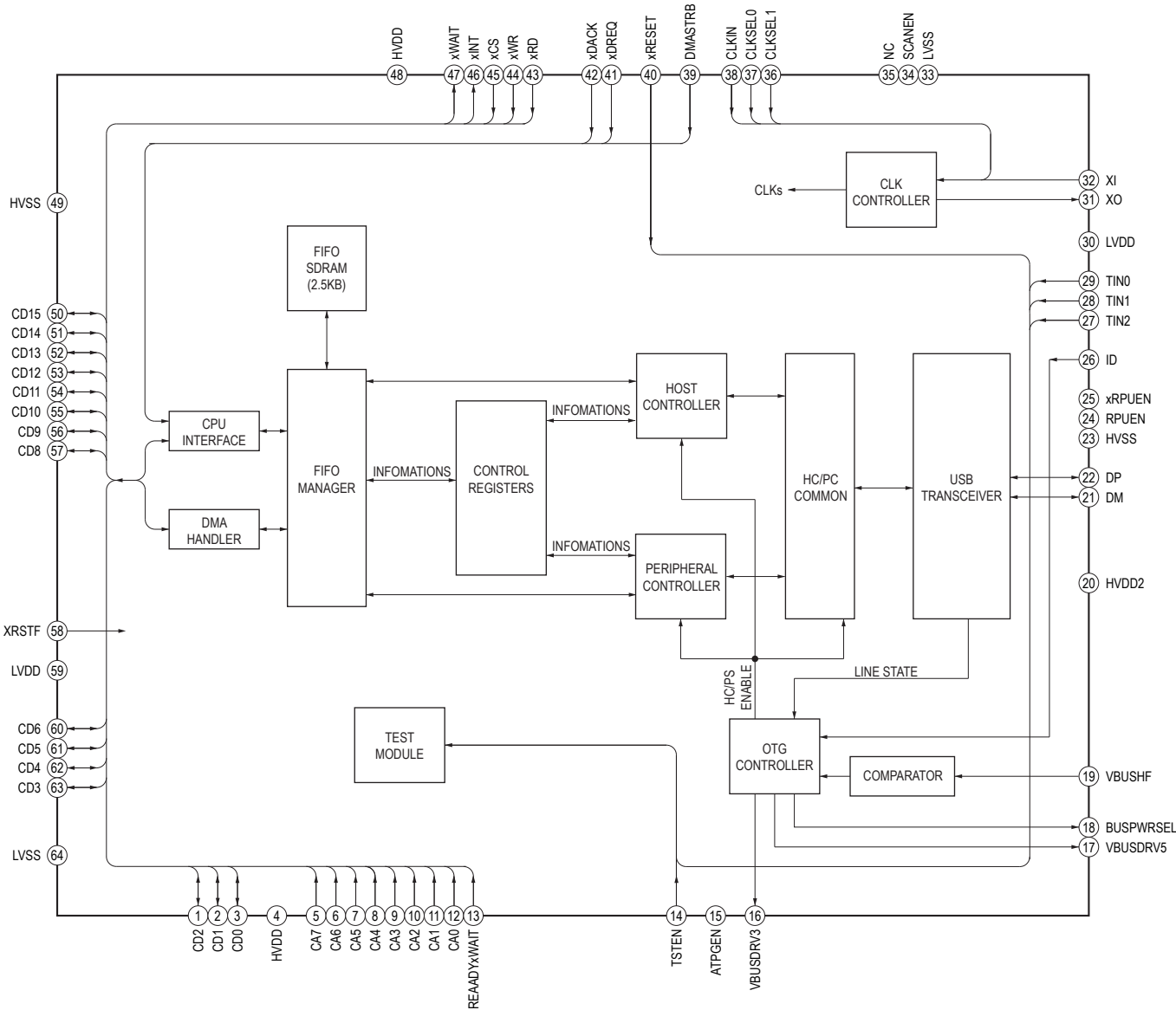


IC401 AN41050

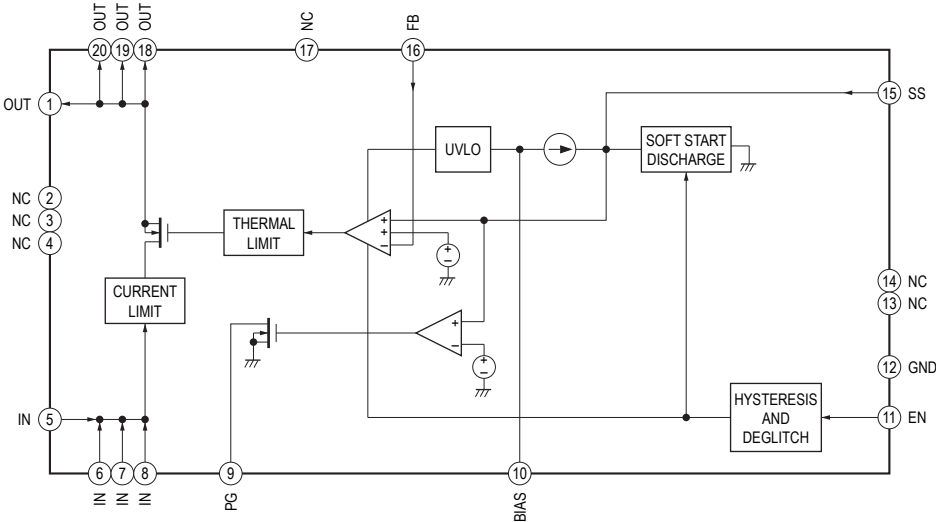


NAS-E35HD/SS-CE35HD

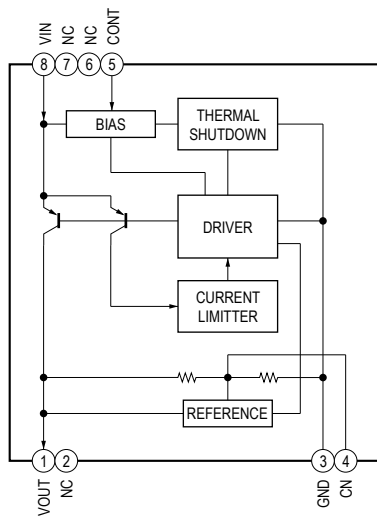
– USB MICOM Board –
IC4 S1R72005F00A300



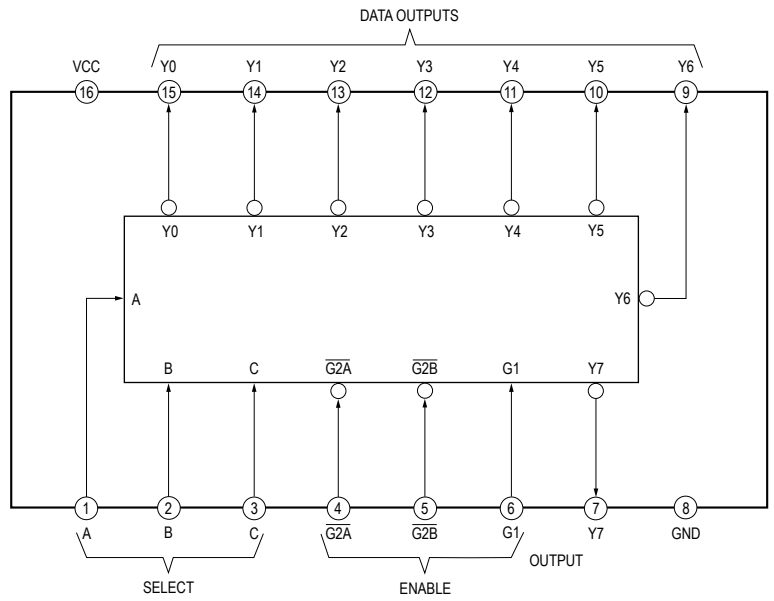
IC5 TPS74801RGWR



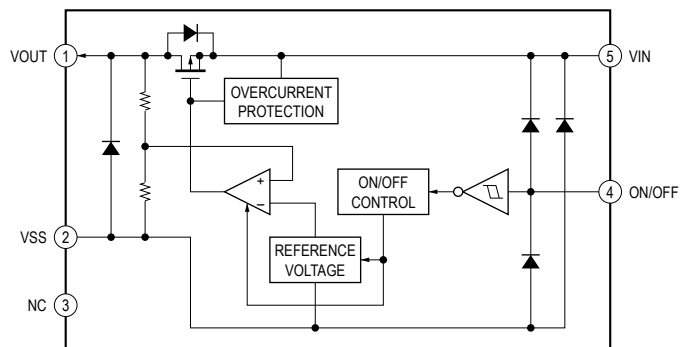
IC6 MM1663DHBE



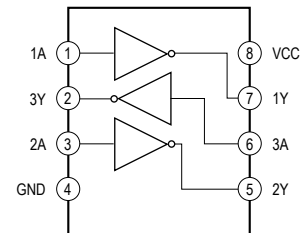
IC7 SN74LVC138APWR-12



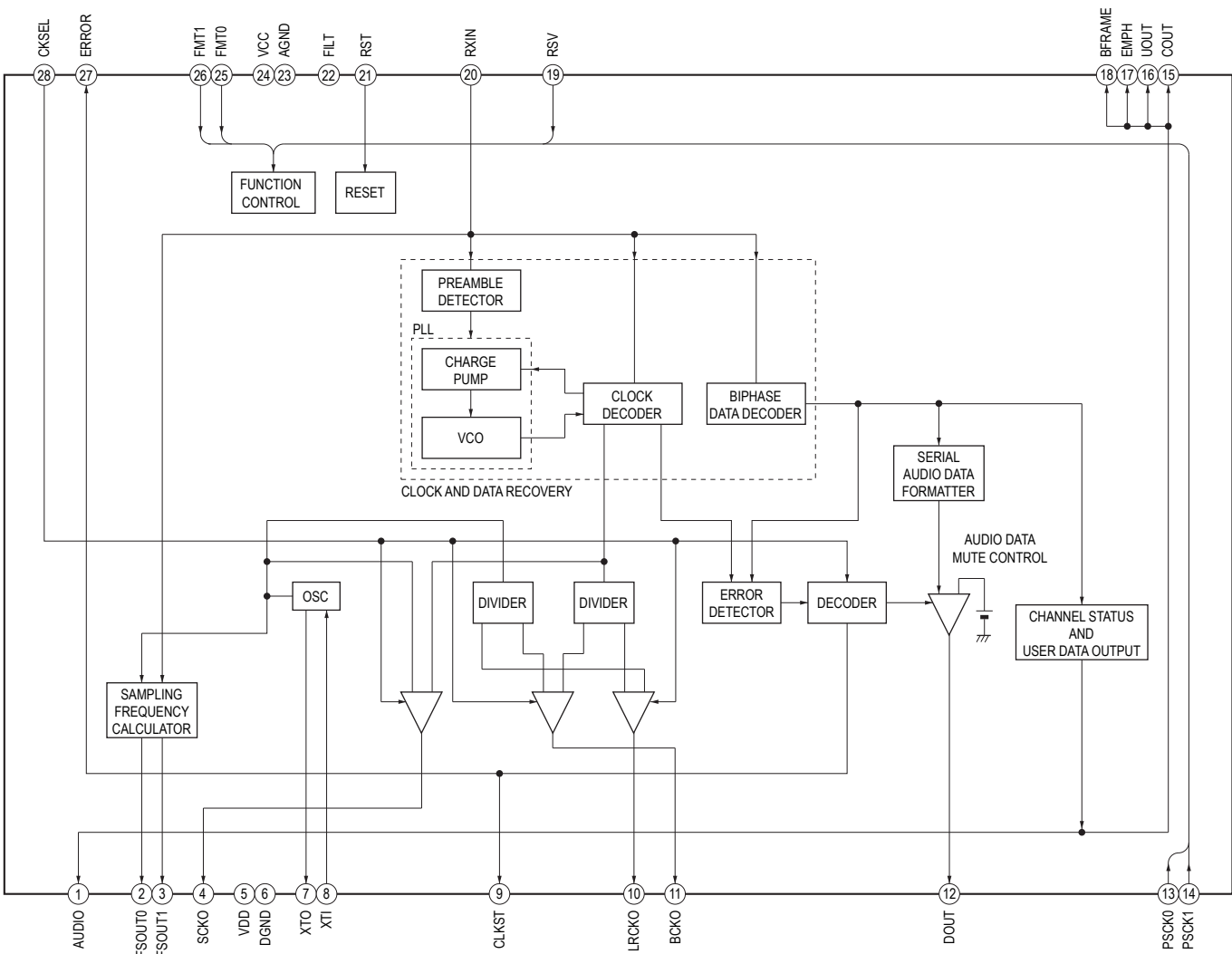
IC8 S-1132B25-U5T1G



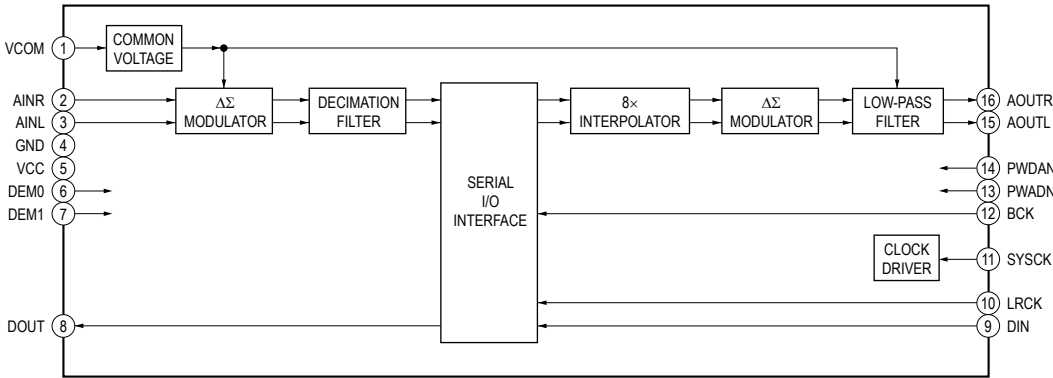
IC10 TC7WHU04FU (TE12R)



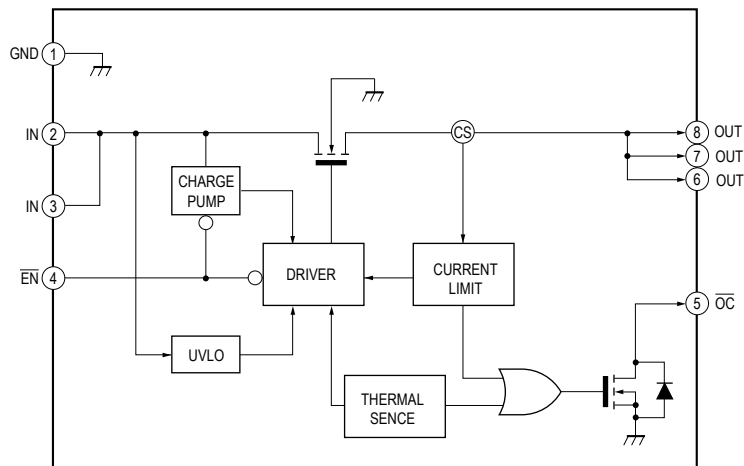
IC11 DIR9001S1PWRG4



IC12 AK4554VT-8-E2

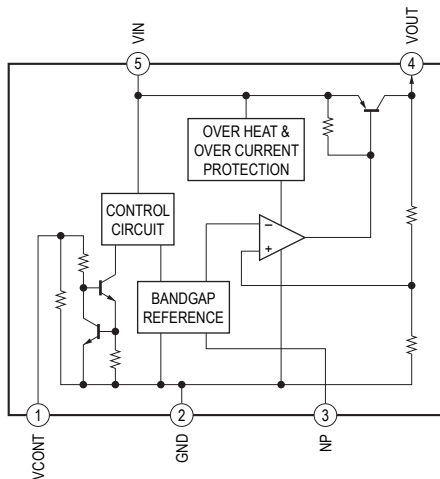


IC14 TPS2051BDRG4

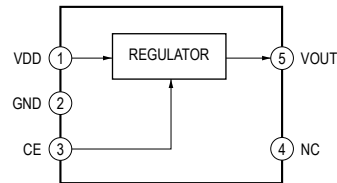


– DAB Board –

IC651 TK11133CSCL-G



IC652 MM3291CNRE

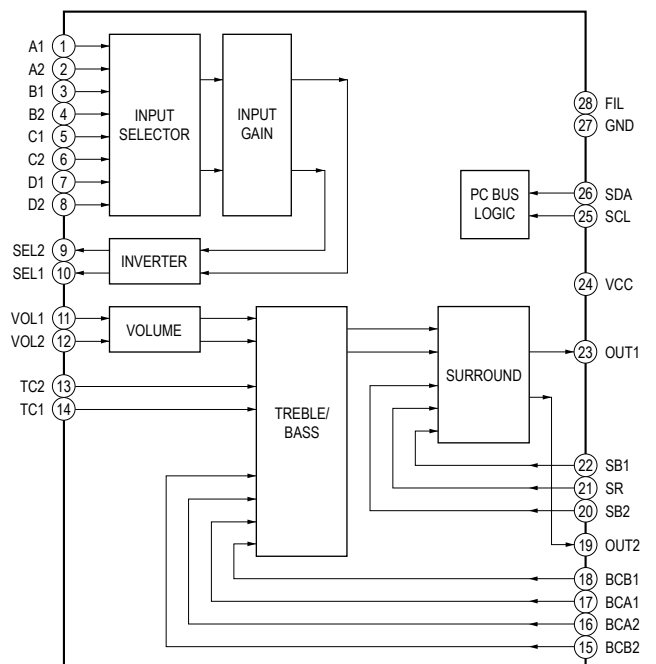
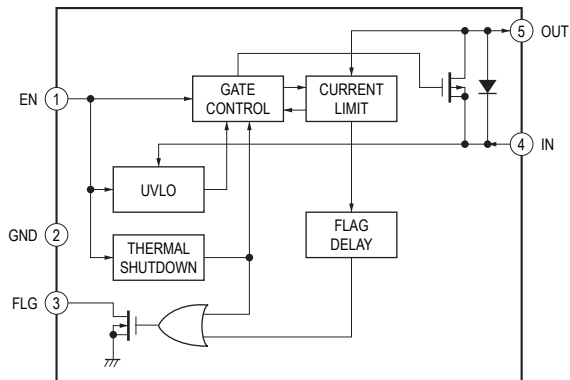


– MAIN Board –

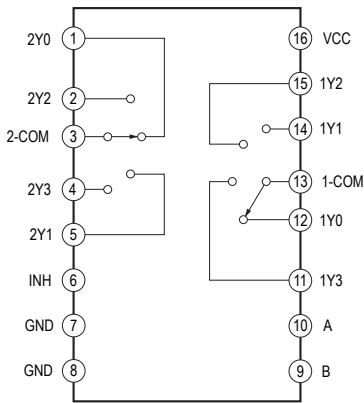
IC302 BD3499FV-E2

– DMP Board –

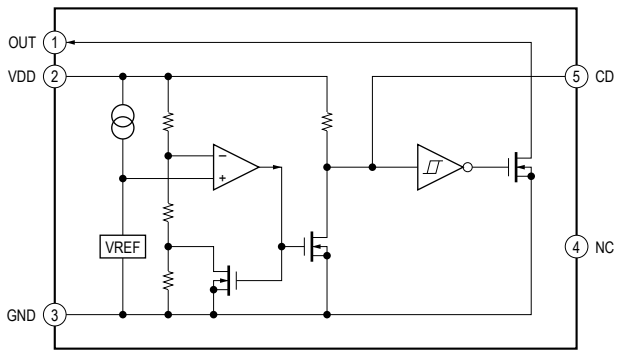
IC802 R5523N001B-TR-F



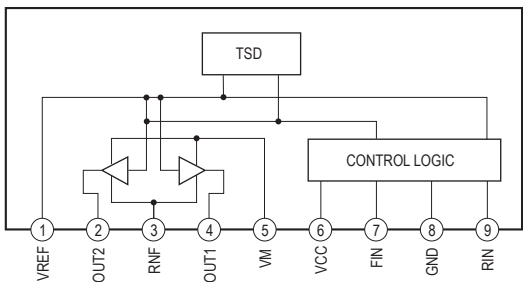
IC351 BU4052BCF-E2



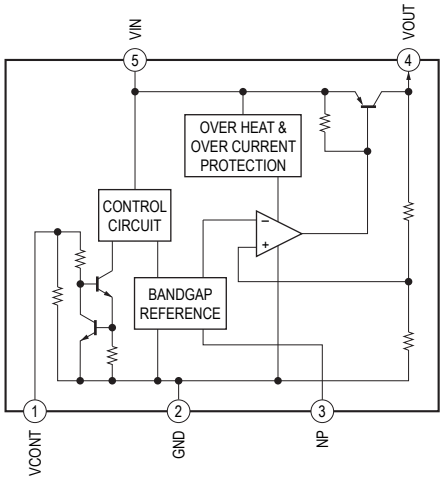
IC801 PST3629NR



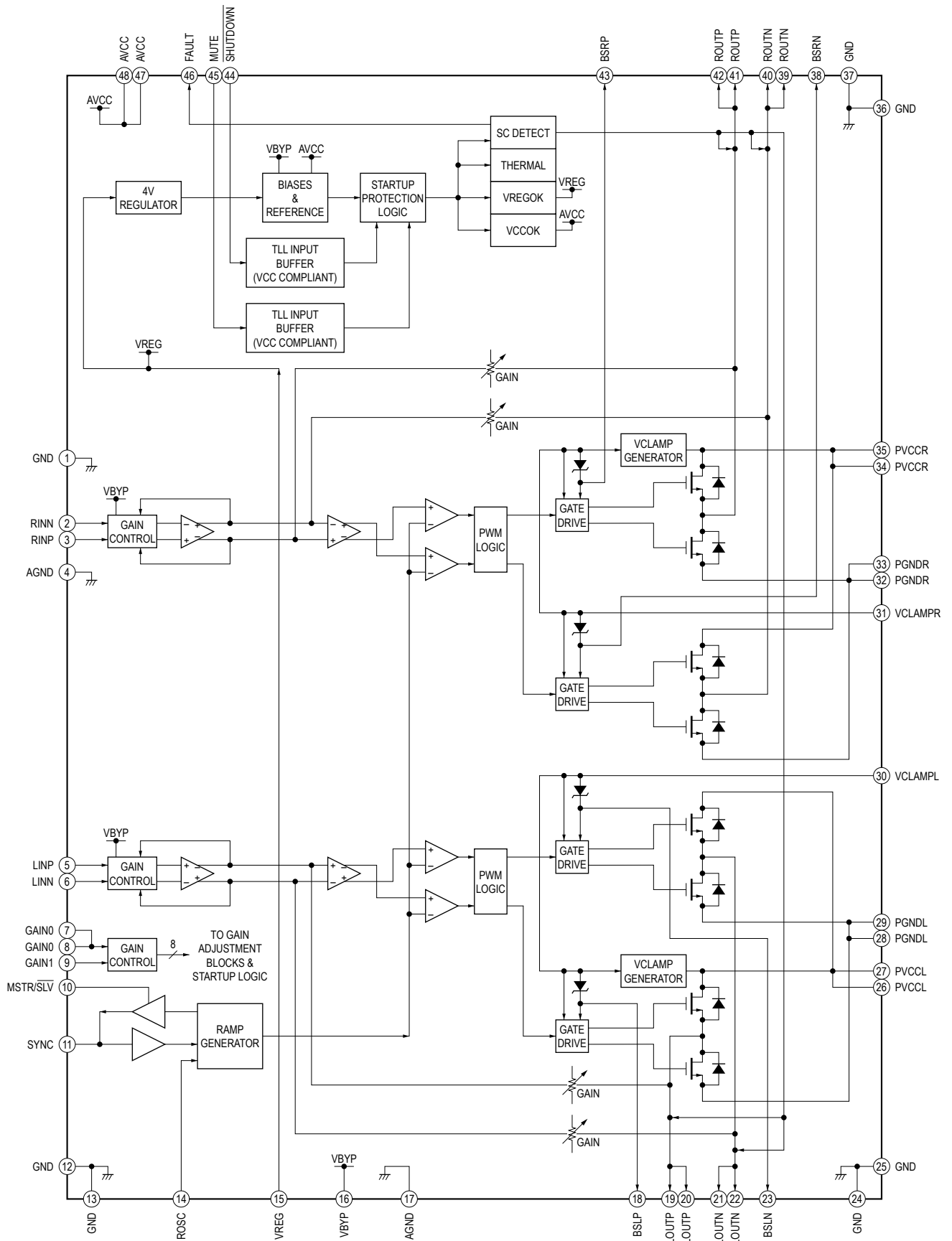
IC805 BA6956AN



IC981, 982 TK11133CSCL-G

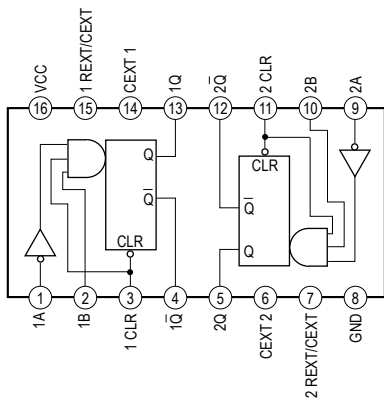


– D-AMP Board –
IC352 TPA3100D2PHPR

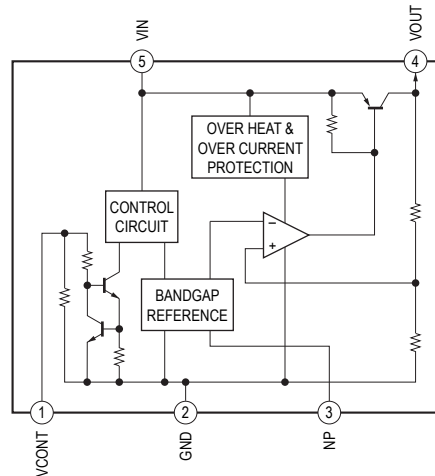


– DISPLAY Board –

IC401 SN74LV123ANSR

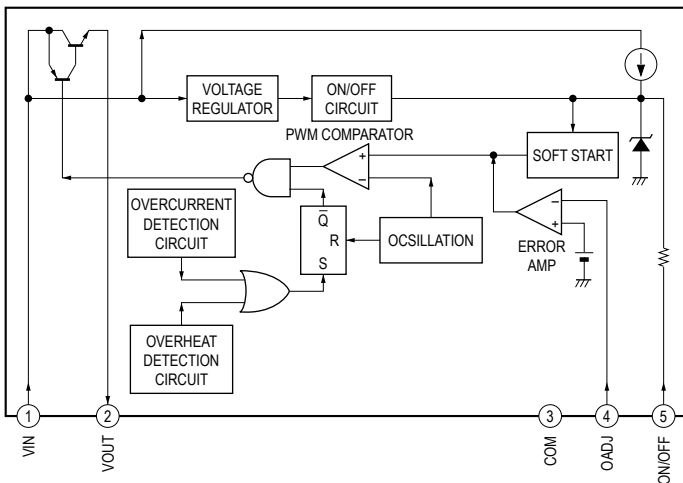


IC404 TK11133CSCL-G



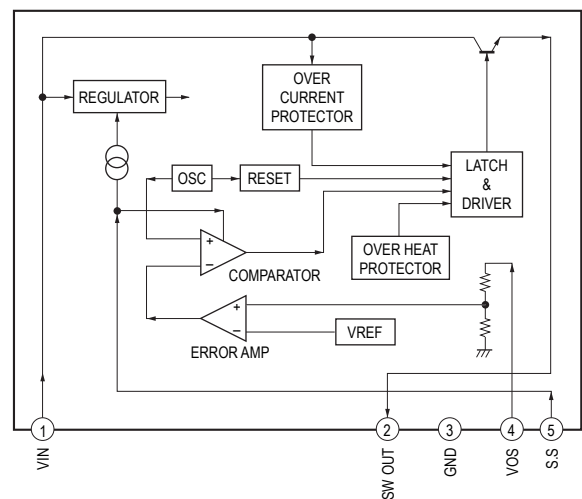
– D/D CON Board –

IC902 PQ1CG2032FZ

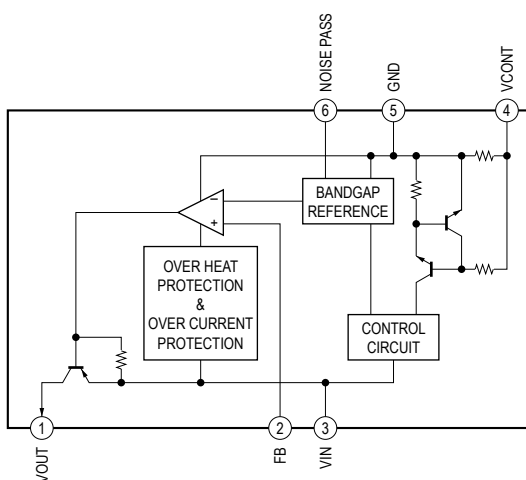


IC904, 906 SI-8050S-LF1101

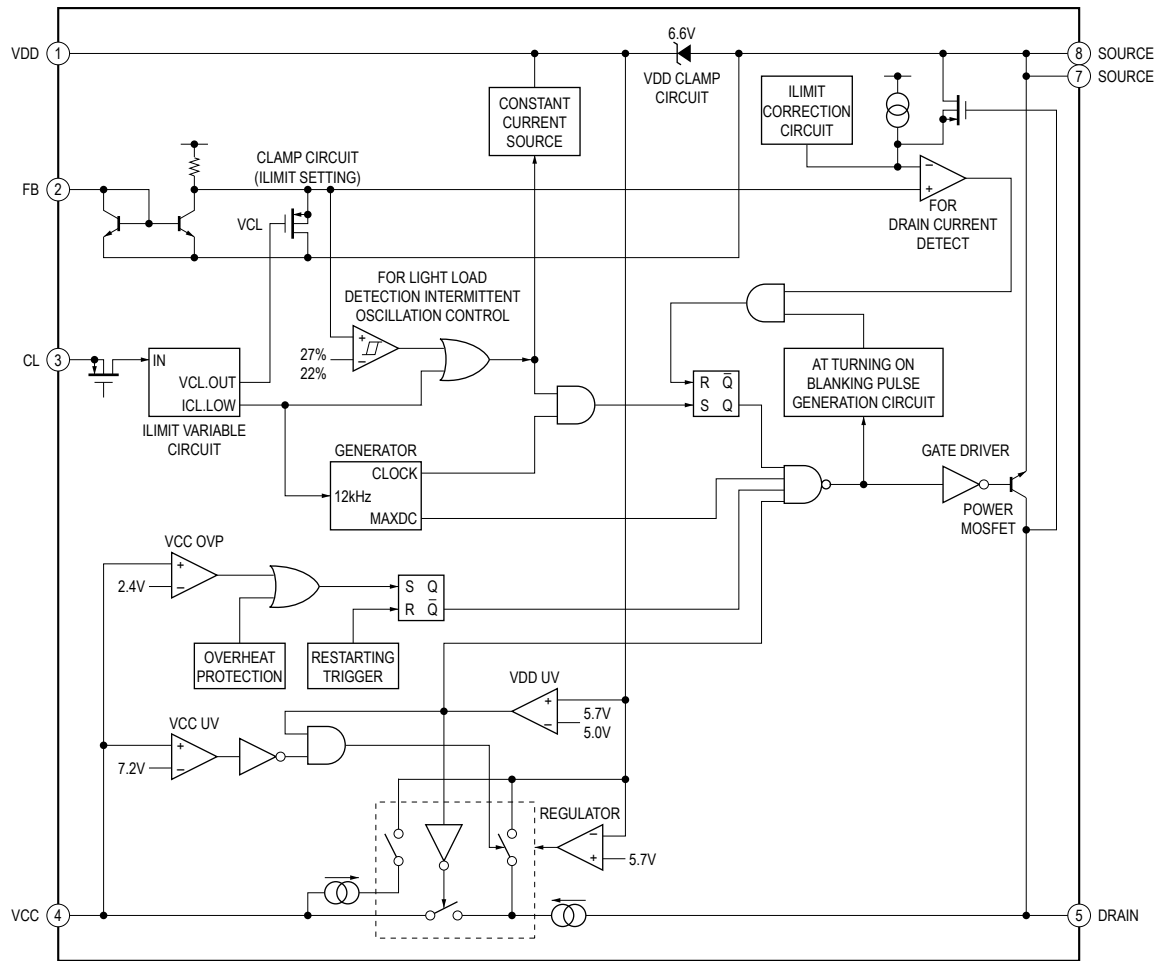
IC907 SI-8120S



IC905 TK11100CSCB-G



– POWER Board –
 IC01 MIP2F20MS1SO



• IC Pin Function Description

USB MICOM BOARD IC2 D708E001BRFP266 (USB SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	VSS	-	Ground terminal
2, 3	EM_A (_18), EM_A (_13)	O	Address signal output to the flash memory
4	CD-PO	O	Power supply on/off control signal output terminal for the CD section "H": power on
5	MCK	-	Not used
6	VSS	-	Ground terminal
7	EM_A (_19)	O	Address signal output to the flash memory
8	CVDD	-	Power supply terminal (+1.2V)
9	BCKI	I	Bit clock signal input from the data buffer
10	DVDD	-	Power supply terminal (+3.3V)
11	D_RESET	O	Reset signal output to the data buffer, A/D converter, D/A converter, USB interface and USB 2.0 hub controller "L": reset
12	LRCKI	I	L/R sampling clock signal input from the data buffer
13	VSS	-	Ground terminal
14	XRESET	I	Reset signal input from the system controller "L": reset
15	VSS	-	Ground terminal
16	CVDD	-	Power supply terminal (+1.2V)
17	CLKIN	I	System clock (22.5792MHz) input terminal
18	VSS	-	Ground terminal
19	TMS	-	Not used
20	CVDD	-	Power supply terminal (+1.2V)
21	XTRST	-	Not used
22	OSCVSS	-	Ground terminal
23	OSCIN	-	Not used
24	OSCOUT	-	Not used
25	OSCVDD	-	Power supply terminal (+1.2V)
26	VSS	-	Ground terminal
27	PLLHV	-	Power supply terminal (+3.3V)
28	TDI	-	Not used
29	TDO	-	Not used
30	VSS	-	Ground terminal
31	DVDD	-	Power supply terminal (+3.3V)
32	EMU (0)	-	Not used
33	CVDD	-	Power supply terminal (+1.2V)
34	EMU (1)	-	Not used
35	TCK	-	Not used
36	VSS	-	Ground terminal
37	EM_CAS	O	Column address strobe signal output to the SDRAM
38	EM_WE	O	Write enable signal output to the SDRAM, flash memory and USB interface
39	EM_WE_DQM (0)	O	Write enable signal output to the SDRAM
40	VSS	-	Ground terminal
41	EM_D (7)	I/O	Two-way data bus with the SDRAM, flash memory and USB interface
42	DVDD	-	Power supply terminal (+3.3V)
43	EM_D (6)	I/O	Two-way data bus with the SDRAM, flash memory and USB interface
44	CVDD	-	Power supply terminal (+1.2V)
45, 46	EM_D (5), EM_D (4)	I/O	Two-way data bus with the SDRAM, flash memory and USB interface
47	VSS	-	Ground terminal
48, 49	EM_D (3), EM_D (2)	I/O	Two-way data bus with the SDRAM, flash memory and USB interface
50	DVDD	-	Power supply terminal (+3.3V)
51, 52	EM_D (1), EM_D (0)	I/O	Two-way data bus with the SDRAM, flash memory and USB interface
53	CVDD	-	Power supply terminal (+1.2V)
54	VSS	-	Ground terminal
55, 56	EM_D (15), EM_D (14)	I/O	Two-way data bus with the SDRAM, flash memory and USB interface
57	CVDD	-	Power supply terminal (+1.2V)
58, 59	EM_D (13), EM_D (12)	I/O	Two-way data bus with the SDRAM, flash memory and USB interface
60	DVDD	-	Power supply terminal (+3.3V)
61	EM_D (11)	I/O	Two-way data bus with the SDRAM, flash memory and USB interface
62	VSS	-	Ground terminal

Pin No.	Pin Name	I/O	Description
63, 64	EM_D (10), EM_D (9)	I/O	Two-way data bus with the SDRAM, flash memory and USB interface
65	CVDD	-	Power supply terminal (+1.2V)
66	EM_D (8)	I/O	Two-way data bus with the SDRAM, flash memory and USB interface
67	EM_WE_DQM (1)	O	Write enable signal output to the SDRAM
68	DVDD	-	Power supply terminal (+3.3V)
69	VSS	-	Ground terminal
70	EM_CLK	O	Clock signal output to the SDRAM
71	EM_CKE	O	Clock enable signal output to the SDRAM
72	VSS	-	Ground terminal
73	DVDD	-	Power supply terminal (+3.3V)
74 to 76	EM_A (11_12), EM_A (9_10), EM_A (8_9)	O	Address signal output to the SDRAM and flash memory
77	CVDD	-	Power supply terminal (+1.2V)
78	VSS	-	Ground terminal
79	EM_A (7_8)	O	Address signal output to the SDRAM and flash memory
80	EM_A (6_7)	O	Address signal output to the SDRAM, flash memory and USB interface
81	DVDD	-	Power supply terminal (+3.3V)
82	VSS	-	Ground terminal
83, 84	EM_A (5_6), EM_A (4_5)	O	Address signal output to the SDRAM, flash memory and USB interface
85	CVDD	-	Power supply terminal (+1.2V)
86	EM_A (3_4)	O	Address signal output to the SDRAM, flash memory and USB interface
87	VSS	-	Ground terminal
88, 89	EM_A (2_3), EM_A (1_2)	O	Address signal output to the SDRAM, flash memory and USB interface
90	CVDD	-	Power supply terminal (+1.2V)
91	EM_A (0_1)	O	Address signal output to the SDRAM, flash memory and USB interface
92	DVDD	-	Power supply terminal (+3.3V)
93	EM_A (10_11)	O	Address signal output to the SDRAM and flash memory
94	EM_BA (1)/EM_A (_0)	O	Bank address signal output to the SDRAM, and address signal output to the flash memory and USB interface
95	VSS	-	Ground terminal
96	EM_BA (0)	O	Bank address signal output to the SDRAM
97	EM_CS (0)	O	Chip select signal output to the SDRAM
98	EM_RAS	O	Row address strobe signal output to the SDRAM
99	VSS	-	Ground terminal
100	EM_CS (2)	O	Chip select signal output to the memory decoder
101	CVDD	-	Power supply terminal (+1.2V)
102	EM_RW	-	Not used
103	DVDD	-	Power supply terminal (+3.3V)
104	EM_OE	O	Output enable signal output to the flash memory and USB interface
105	B	O	Address decode signal output to the memory decoder
106	VSS	-	Ground terminal
107	A	O	Address decode signal output to the memory decoder
108	I2CO_SCL/BOOT	I/O	Two-way I2C serial clock signal bus with the system controller
109	VSS	-	Ground terminal
110	GPIO/BOOT	-	Not used
111	I2CO_SDA/BOOT	I/O	Two-way I2C serial data bus with the system controller
112	DVDD	-	Power supply terminal (+3.3V)
113	SDTI	I	Audio serial data input from the A/D converter and D/A converter
114	VSS	-	Ground terminal
115	SDTO_O	O	Audio serial data output to the A/D converter and D/A converter
116	BD_CLK	O	Serial data transfer clock signal output to the digital servo
117	BD_SENS	I	Internal status (SENSE) input from the digital servo
118	VSS	-	Ground terminal
119	BD_GAIN-SW	O	Gain switch signal output to the motor/coil driver
120	BD_XLAT	O	Serial data latch pulse output to the digital servo
121	BD_DATA	O	Serial data output to the digital servo
122	BD_SCOR	I	Sub-code sync (S0+S1) detection signal input from the digital servo
123	CVDD	-	Power supply terminal (+1.2V)

Pin No.	Pin Name	I/O	Description
124	VSS	-	Ground terminal
125	DVDD	-	Power supply terminal (+3.3V)
126	USB_INT	I	Interrupt signal input from the USB interface
127	AC_DET	O	Power failure detection output terminal for the USB section
128	CVDD	-	Power supply terminal (+1.2V)
129	VSS	-	Ground terminal
130	BD_XTACN	O	Oscillation circuit on/off control signal output to the digital servo
131	EM_A (_14)	O	Address signal output to the flash memory
132	CVDD	-	Power supply terminal (+1.2V)
133	VSS	-	Ground terminal
134	SDTO_I	O	Audio serial data output to the A/D converter and D/A converter
135	BD_XRST	O	Reset signal output to the digital servo "L": reset
136	DVDD	-	Power supply terminal (+3.3V)
137, 138	EM_A (_15), EM_A (_16)	O	Address signal output to the flash memory
139	ACLKR0	-	Not used
140	VSS	-	Ground terminal
141	AFSR0	-	Not used
142	BCKO	O	Bit clock signal output to the A/D converter and D/A converter
143	EM_A (_17)	O	Address signal output to the flash memory
144	LRCKO	O	L/R sampling block signal output to the A/D converter and D/A converter

USB MICOM BOARD IC9 JM20339-LGCA0C (HARD DISK DRIVER)

Pin No.	Pin Name	I/O	Description
1 to 3	GPIO21 to GPIO23	-	Not used
4	MODE2	-	Not used
5, 6	NC	-	Not used
7	DGND	-	Ground terminal
8	VCCO	-	Power supply terminal (+3.3V)
9, 10	NC	-	Not used
11	GPIO7	-	Not used
12	RST#	I	Reset signal input from the USB system controller "L": reset
13	VBUS	I	VBUS voltage detect signal input from the USB 2.0 hub controller
14	AVREG	O	Power supply voltage (+1.8V) output terminal
15	AVDDH	-	Power supply terminal (+3.3V)
16	AGNDH	-	Ground terminal
17	XTALI	I	System clock (12MHz) input terminal
18	XTALO	O	System clock (12MHz) output terminal
19, 20	DM, DP	I/O	Audio serial data input/output with the USB 2.0 hub controller
21	AVDDH	-	Power supply terminal (+3.3V)
22	AGNDH	-	Ground terminal
23	NC	-	Not used
24	AVDDH	-	Power supply terminal (+3.3V)
25	AGND	-	Ground terminal
26	REXT	-	Not used
27, 28	RXP, RXN	O	Audio serial data output to the hard disk drive
29	AVDDL	-	Power supply terminal (+1.8V)
30	AGND	-	Ground terminal
31, 32	TXN, TXP	I	Audio serial data input from the hard disk drive
33 to 36	GPIO3 to GPIO0	-	Not used
37	TME#	-	Not used
38	PHYRDY	-	Not used
39	HDDA	-	Not used
40	GPIO4	-	Not used
41	DGND	-	Ground terminal
42	VCKK	-	Power supply terminal (+1.8V)
43 to 52	GPIO5, GPIO6, GPIO9 to GPIO15, GPIO8	-	Not used
53, 54	UAI, UAO	-	Not used
55	MODE1	-	Not used
56	VCCO	-	Power supply terminal (+3.3V)
57	DGND	-	Ground terminal
58	VCKK	-	Power supply terminal (+1.8V)
59	MODE0	-	Not used
60 to 64	GPIO16 to GPIO20	-	Not used

USB MICOM BOARD IC13 USB2512-AEZG (USB 2.0 HUB CONTROLLER)

Pin No.	Pin Name	I/O	Description
1, 2	USBDN1_DM, USBDN1_DP	I/O	Audio serial data input/output with the USB connector
3, 4	USBDN2_DM, USBDN2_DP	I/O	Audio serial data input/output with the hard disk driver
5	VDDA33	-	Power supply terminal (+3.3V)
6 to 9	NC	-	Not used
10	VDDA33	-	Power supply terminal (+3.3V)
11	TEST	-	Not used
12	PRTPOWER1	O	Power supply on/off control signal output terminal for the USB VBUS section "H": power on
13	OSC1_N	I	Over current sense signal input from the USB interface
14	VDD18	-	Power supply terminal (+3.3V)
15	VDD33CR	-	Power supply terminal (+3.3V)
16	PRTPOWER2	O	VBUS voltage detect signal output to the hard disk driver
17	OSC2_N	I	Over current sense signal input terminal
18 to 21	NC	-	Not used
22	SDA/SMBDATA/NON/ REM1	-	Not used
23	VDD33	-	Power supply terminal (+3.3V)
24	SCL/SMBCLK/ CFG_SEL0	-	Not used
25	HS_IND/CFG_SEL1	-	Not used
26	RESET_N	I	Reset signal input from the USB system controller "L": reset
27	VBUS_DET	I	VBUS voltage detect signal input terminal
28	SUSP_IND/ LOCAL_PWR/NON_PEM0	-	Not used
29	VDDA33	-	Power supply terminal (+3.3V)
30, 31	USBUP_DM, US- BUP_DP	I/O	Audio serial data input/output with the USB interface
32	XTAL2	O	System clock (24MHz) output terminal
33	XTAL1/CLKIN	I	System clock (24MHz) input terminal
34	VDD18PLL	-	Power supply terminal (+1.8V)
35	RBIAS	-	Not used
36	VDD33PLL	-	Power supply terminal (+3.3V)

MAIN BOARD IC803 R5F3640DDFA (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	INH	O	Audio source selection signal output to the input selector
2	HP DET	I	Headphone detection signal input terminal "H": headphone has been inserted
3	GC_RESET	O	Reset signal output to the display controller "L": reset
4	SIRCS	I	SIRCS signal input from the remote control receiver
5	NC	-	Not used
6	ST TUNED	I	Tuning detection signal input from the tuner (FM/AM) "L": tuned
7	RDS DATA	I	RDS serial data input from the tuner (FM/AM)
8	BYTE	I	External data bus width changeover signal input terminal Fixed at "L" in this set
9	CN VSS	-	Not used
10	XCIN	I	Sub system clock (32.768kHz) input terminal
11	XCOUT	O	Sub system clock (32.768kHz) output terminal
12	RESET	I	Reset signal input from the reset switch "L": reset
13	XOUT	O	Main system clock (5MHz) output terminal
14	VSS	-	Ground terminal
15	XIN	I	Main system clock (5MHz) input terminal
16	VCC	-	Power supply terminal (+3.3V)
17	NMI	-	Not used
18	RDS-INT	I	RDS interrupt signal input from the tuner (FM/AM)
19	NC	-	Not used
20	AC CUT	I	AC cut on/off detection signal input terminal "L": AC cut on
21	HP MUTE	O	Headphone muting on/off control signal output terminal "L": muting on
22	VOL IIC_CLK	I/O	Two-way I2C serial clock signal bus with the electrical volume
23	TA LINE-MUTE	O	Line muting on/off control signal output terminal "L": muting on
24	VOL IIC_DATA	I/O	Two-way I2C serial data bus with the electrical volume
25	REC MUTE	O	Muting on/off control signal output terminal "L": muting on
26	SP_MUTE	O	SP muting on/off control signal output to the digital power amplifier "L": muting on
27	DAMP_SHUTDOWN	I	Shut down state input from the digital power amplifier "L": shut down
28	XDAMP_PROTECT	I	Protect signal input from the digital power amplifier
29	IIC_CLK	I/O	Two-way I2C serial clock signal bus with the display controller
30	IIC_DATA	I/O	Two-way I2C serial data bus with the display controller
31	GENESIS IIC_DATA	I/O	Two-way I2C serial data bus with the sub system controller
32	GENESIS IIC_CLK	I/O	Two-way I2C serial clock signal bus with the sub system controller
33	NC	-	Not used
34	GENESIS POWER	O	Power supply on/off control signal output terminal for the USB section "H": power on
35	GENESIS RESET	O	Reset signal output to the USB system controller, flash memory and hard disk driver "L": reset
36	GENESIS AC DET	I	Power failure detection input terminal for the USB section
37	STANDBY LED	O	LED drive signal output terminal for the standby LED "H": LED on
38	USB VBUS ON	O	Power supply on/off control signal output terminal for the USB VBUS section "H": power on
39, 40	NC	-	Not used
41	PULL DOWN	-	Not used
42	CDM LOAD OUT	O	Loading motor control signal output terminal (for loading out)
43	CDM LOAD IN	O	Loading motor control signal output terminal (for loading in)
44	CDM OPEN SW	I	Disc tray open position detection signal input terminal
45	CDM CLOSE SW	I	Disc tray close position detection signal input terminal
46	PULL UP	-	Not used
47	DAB TXD_OUT	O	Serial data output terminal for the DAB tuner module
48	DAB RXD_IN	I	Serial data input terminal for the DAB tuner module
49	DAB_POWER_1.2	O	Power supply on/off control signal output terminal for the DAB tuner module (+1.2V)
50	DAB_POWER_3.3	O	Power supply on/off control signal output terminal for the DAB tuner module (+3.3V)
51 to 61	NC	-	Not used
62	VCC	-	Power supply terminal (+3.3V)
63	NC	-	Not used
64	VSS	-	Ground terminal
65 to 68	NC	-	Not used
69 to 72	TEST PORT	-	Not used
73	KEY_WAKE_UP_DISPLAY	-	Not used

NAS-E35HD/SS-CE35HD

Pin No.	Pin Name	I/O	Description
74	KEY_WAKE_UP_POWER	I	Key input terminal for the power key (A/D input)
75	NC	-	Not used
76	XDM_PROTECT	I	Protect signal input from the DMPORT section
77	CLINK_TXD_OUT	O	Serial data output to the DMPORT connector
78	CLINK_RXD_IN	I	Serial data input from the DMPORT connector
79	DMPORT_DET	I	DMPORT detection signal input terminal
80	DM_EN	O	Power supply on/off control signal output terminal for the DMPORT section "H": power on
81 to 83	NC	-	Not used
84	I_POWER_MONITOR	I	Main power supply abnormal detection signal input terminal "L": abnormal
85	AC_DET	I	Power failure detection input terminal for the main power supply
86	SPEC_IN	I	Destination setting terminal
87	POWER_ON	O	Main power supply on/off control signal output terminal "H": power on
88	SPEC_OUT	O	Destination setting terminal
89 to 91	NC	-	Not used
92	ST_CE	O	Chip enable signal output to the tuner (FM/AM)
93	ST_DATA_IN	I	Serial data input from the tuner (FM/AM)
94	ST_CLK	O	Serial data transfer clock signal output to the tuner (FM/AM)
95	ST_DATA_OUT	O	Serial data output to the tuner (FM/AM)
96	AVSS	-	Ground terminal
97	SEL_A	O	Audio source selection signal output to the input selector
98	VREF	I	Reference voltage (+3.3V) input terminal
99	AVCC	-	Power supply terminal (+3.3V)
100	SEL_B	O	Audio source selection signal output to the input selector

DISPLAY BOARD IC403 R5F3640DDFA (DISPLAY CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	NC	-	Not used
2	SOFT-TEST	-	Not used
3	-	-	Not used
4	VFD_POWER	O	Power supply ON/OFF control signal output terminal for the liquid crystal display "H": power ON
5	LED_DATA	-	Not used
6	LED_LAT	-	Not used
7	LED_CLK	-	Not used
8	BYTE	I	External data bus width changeover signal input terminal Fixed at "L" in this set
9	CN VSS	-	Not used
10	XCIN	I	Not used
11	XCOUT	O	Not used
12	XRST	I	Reset signal input from the reset switch "L": reset
13	XOUT	O	System clock (5MHz) output terminal
14	VSS	-	Ground terminal
15	XIN	I	System clock (5MHz) input terminal
16	VCC	-	Power supply terminal (+3.3V)
17	NMI	-	Not used
18	LED_HDD	O	LED drive signal output terminal for the HDD indicator "H": LED ON
19	LED_USB	O	LED drive signal output terminal for the USB indicator "H": LED ON
20	LED_CD	O	LED drive signal output terminal for the CD indicator "H": LED ON
21	LED_AUDIO_IN	O	LED drive signal output terminal for the AUDIO IN indicator "H": LED ON
22	LED_DMPORT	O	LED drive signal output terminal for the DMPORT indicator "H": LED ON
23	LED_TUNER	O	LED drive signal output terminal for the TUNER indicator "H": LED ON
24 to 26	-	-	Not used
27	NC	-	Not used
28	-	-	Not used
29	IIC_CLK	I/O	Two-way I2C serial clock signal bus with the system controller
30	IIC_DATA	I/O	Two-way I2C serial data bus with the system controller
31 to 34	NO USE	-	Not used
35	VFD_DATA	O	Serial data output to the fluorescent indicator tube and regulator control
36	VFD_LAT	O	Serial data latch pulse signal output to the fluorescent indicator tube and regulator control
37	VFD_CLK	O	Serial clock signal bus with the fluorescent indicator tube
38	VFD_BK	O	Blank control signal output to the fluorescent indicator tube
39, 40	NC	-	Not used
41	NO USE	-	Not used
42, 43	NC	-	Not used
44	XRD	-	Not used
45	NC	-	Not used
46	NO USE	-	Not used
47	NC	-	Not used
48 to 50	XCS2, XCS1, XCS	-	Not used
51 to 61	A19 to A9	-	Not used
62	VCC	-	Power supply terminal (+3.3V)
63	A8	-	Not used
64	VSS	-	Ground terminal
65 to 72	A7 to A0	-	Not used
73 to 88	D15 to D0	-	Not used
89 to 91	NC	-	Not used
92	VOL	I	Jog dial pulse input from the rotary encoder (for VOLUME)
93	SPEC_IN	I	Destination setting terminal
94, 95	KEY2, KEY1	I	Panel key input terminal (A/D input)
96	AVSS	-	Ground terminal
97	KEY0	I	Panel key input terminal (A/D input)
98	VREF	I	Reference voltage (+3.3V) input terminal
99	AVCC	-	Power supply terminal (+3.3V)
100	NC	-	Not used

POWER BOARD IC02 CXD9841P (POWER CONTROL)

Pin No.	Pin Name	I/O	Description
1	VSENSE	I	AC line input voltage detection signal input terminal
2	F/B	I	Feedback signal input terminal for frequency modulation of oscillator
3	CT	-	External capacitor connection terminal for oscillator
4	RT	-	External resistor connection terminal for oscillator
5	GND	-	Ground terminal
6	PROTECT	-	External capacitor connection terminal for intermittent operation timer when abnormality detecting it
7	SS	-	External capacitor connection terminal for soft start
8	VC1	I	Power supply terminal for control circuit "L": stop, "H": operation start
9	OCP	I	Over current detection signal and DDT protection signal input terminal
10	VC2	O	Power supply output terminal for driver
11	P-GND	I	Ground terminal for lower side driver
12	VG (L)	O	Lower side driver drive signal output terminal
13	-	-	Not used
14	VB	I	Power supply terminal for upper side driver
15	VS	I	Reference power supply input terminal for upper side driver
16	VG (H)	O	Upper side driver drive signal output terminal
17	-	-	Not used
18	VD	-	Terminal for drain kick start

SECTION 7 EXPLODED VIEWS

Note:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.

- Color Indication of Appearance Parts Example:
KNOB, BALANCE (WHITE) . . . (RED)

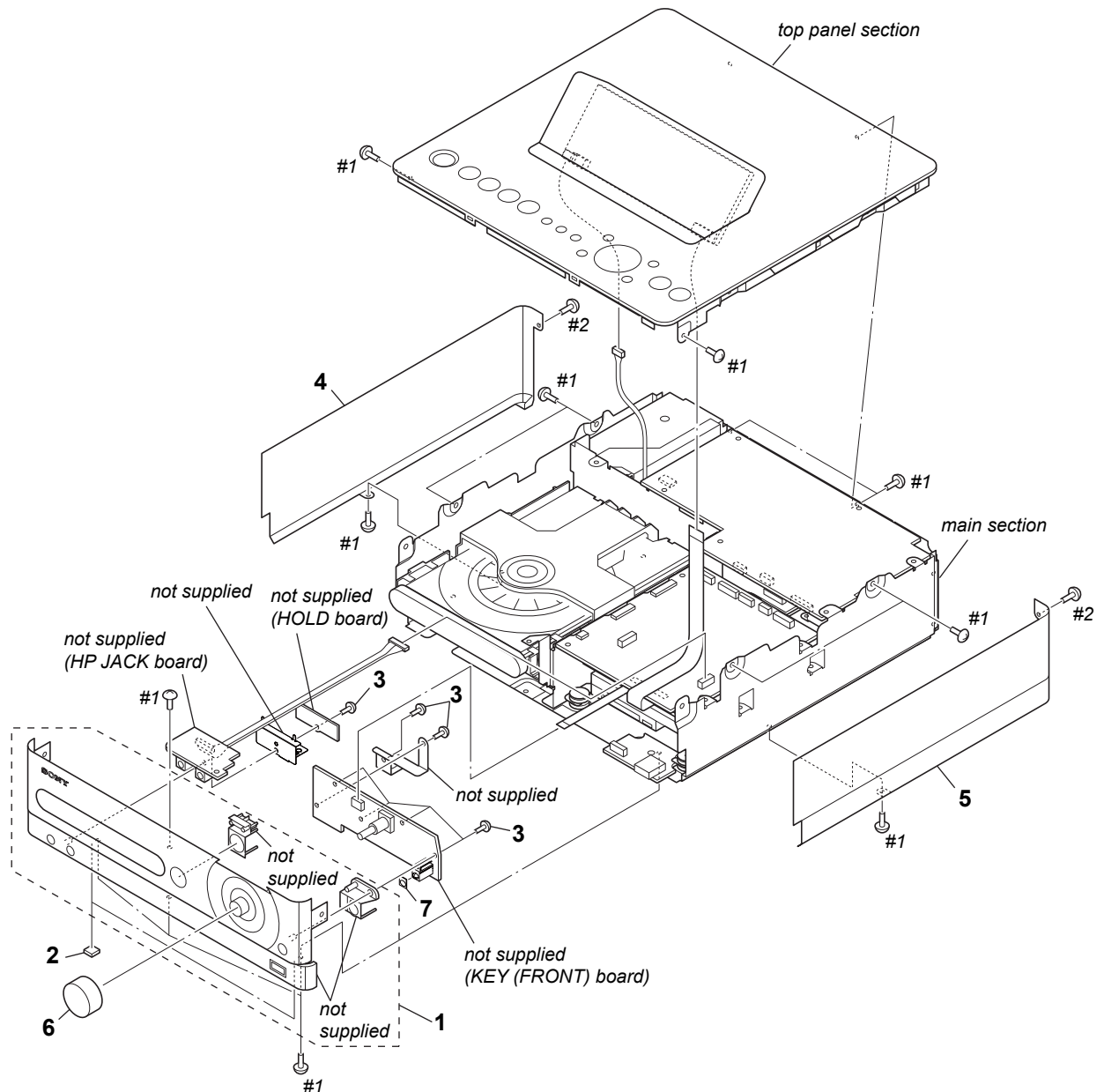
Parts Color Cabinet's Color

- Abbreviation

AUS : Australian model
E51 : Chilean and Peruvian models
MX : Mexican model
RU : Russian model

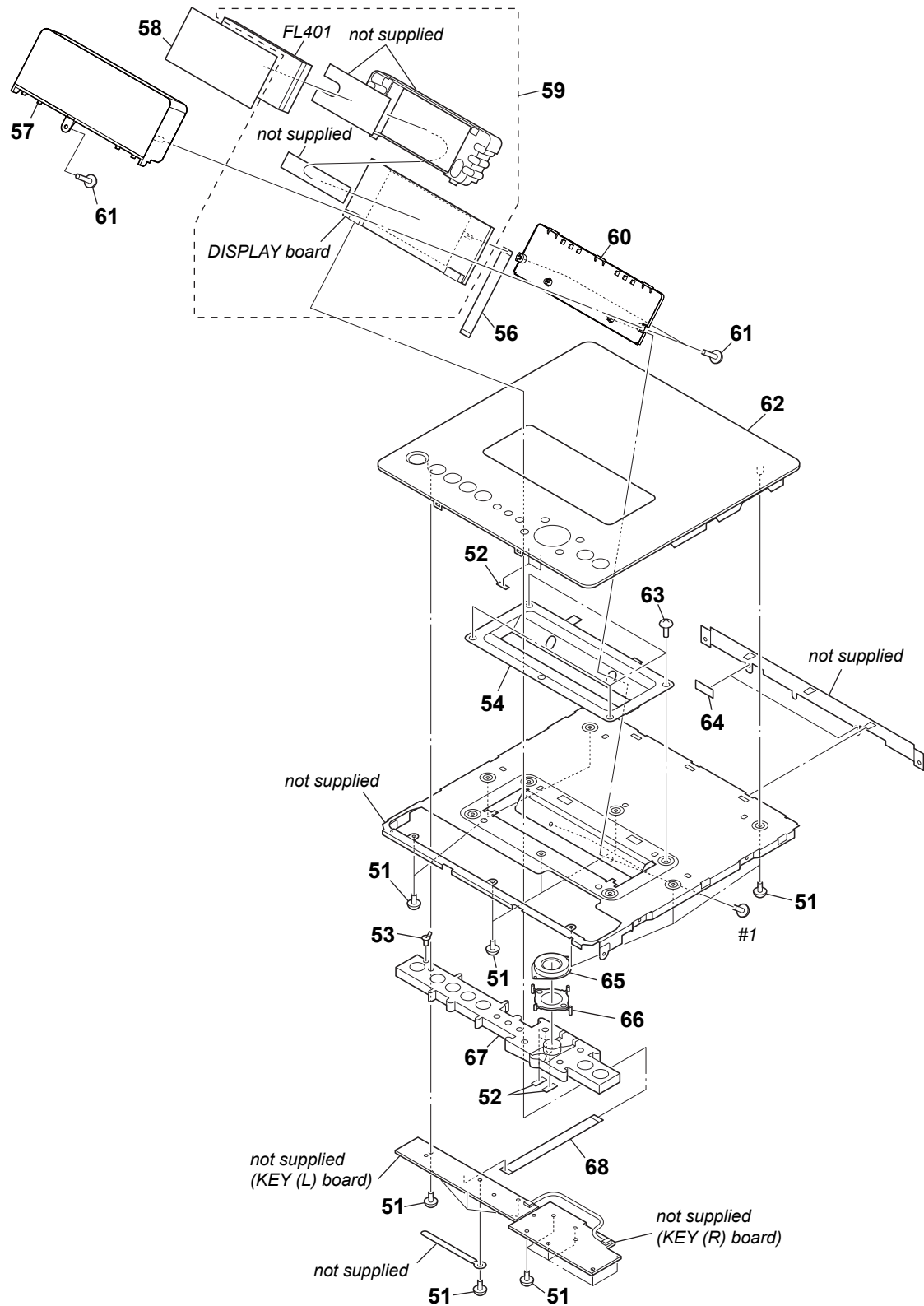
The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety.
Replace only with part number specified.

7-1. PANEL SECTION



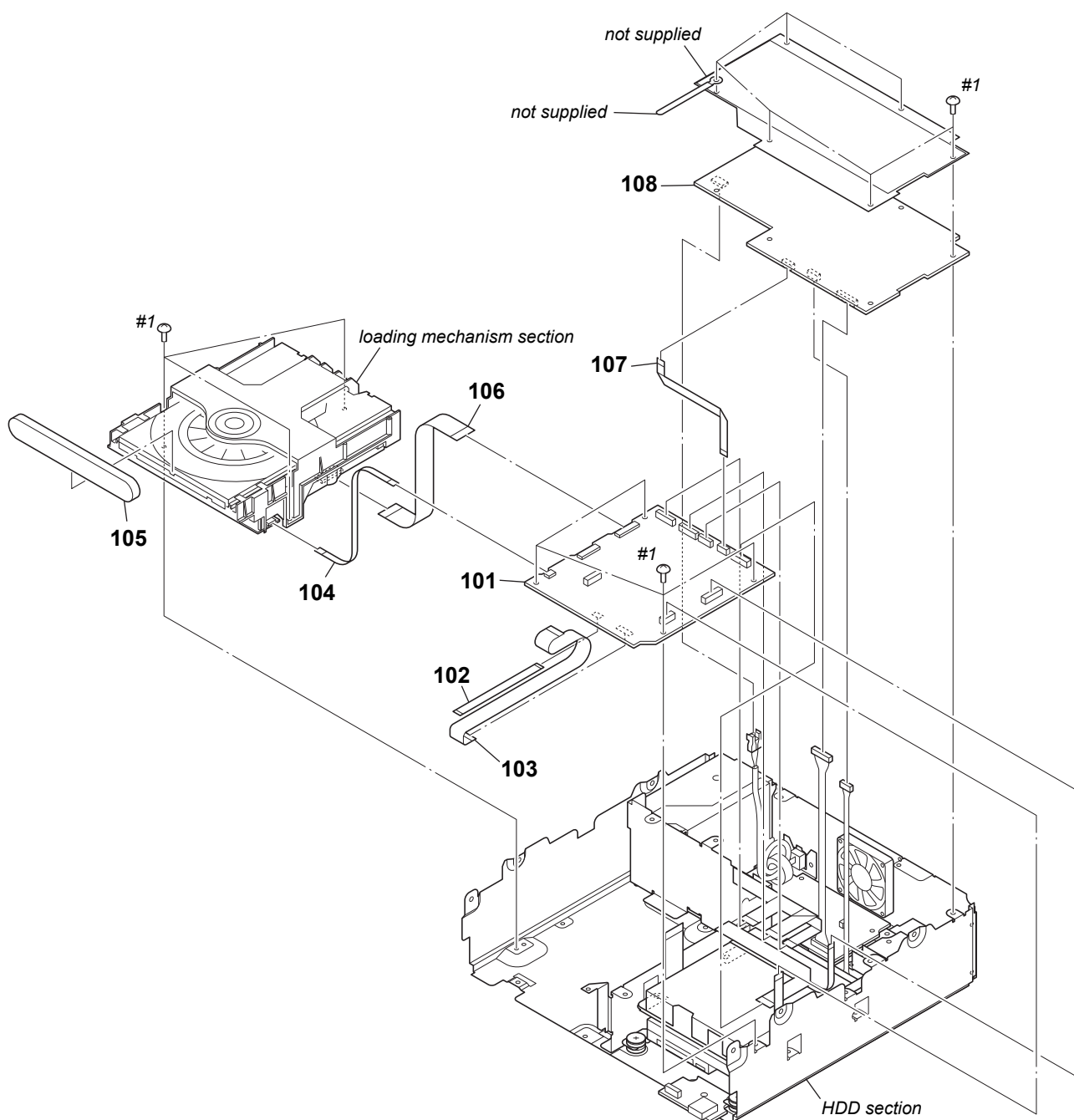
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	X-2189-000-1	PANEL (FRONT) ASSY (AEP, UK)		5	3-280-188-01	PANEL (SIDE R)	
1	X-2190-790-1	PANEL (FRONT) ASSY (RU, E51, MX, AUS)		6	3-280-182-01	KNOB (VOLUME)	
2	4-233-372-02	FOOT (FELT)		7	2-681-451-01	SHEET (RM)	
3	2-633-134-01	SCREW (B2.6), (+) BV TAPPING		#1	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	
4	3-280-187-01	PANEL (SIDE L)		#2	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

7-2. TOP PANEL SECTION



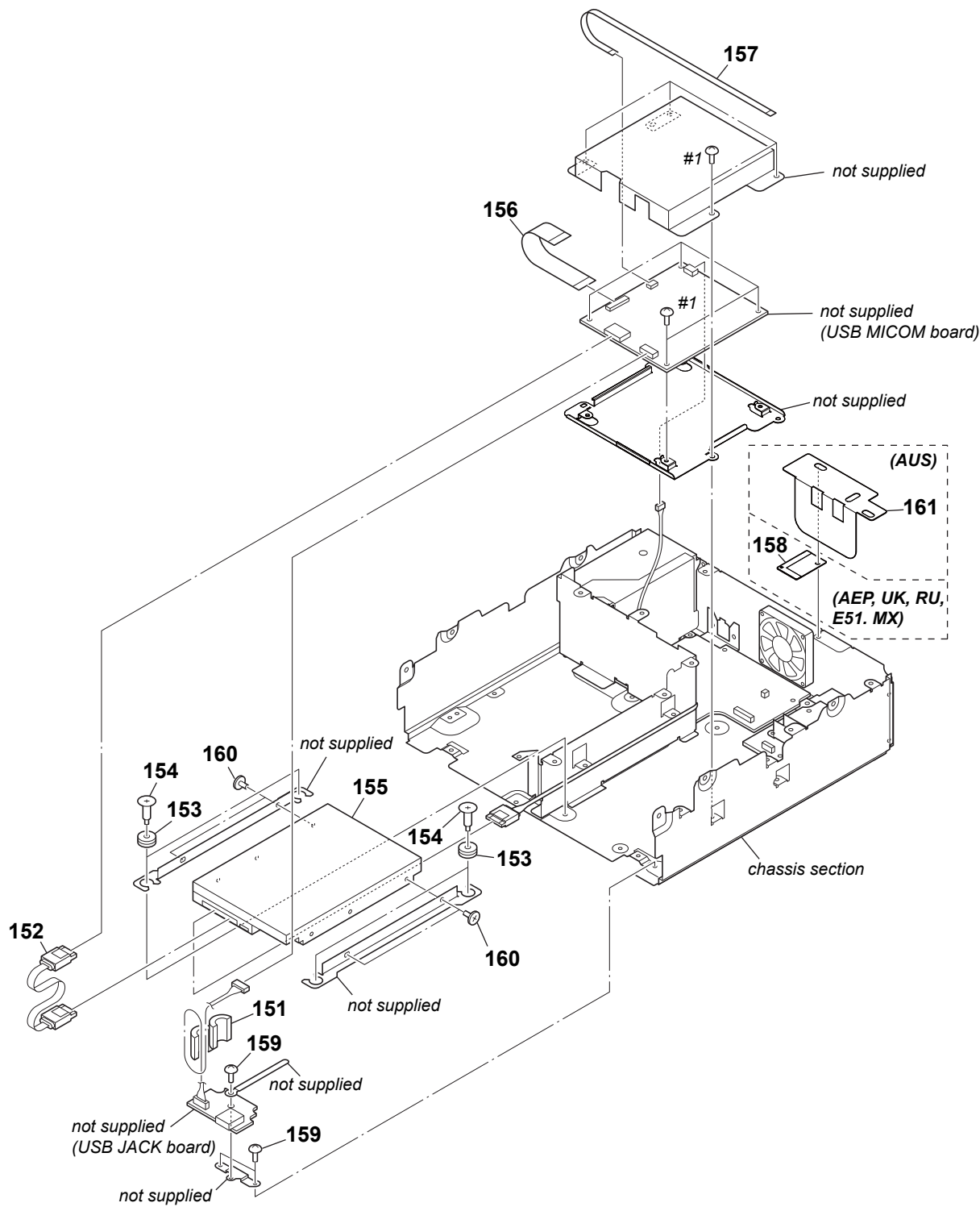
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	2-633-134-01	SCREW (B2.6), (+) BV TAPPING		62	3-280-179-11	PANEL (TOP) (UK)	
52	3-515-102-21	CUSHION		63	3-077-331-21	+BV3 (3-CR)	
53	3-280-190-01	PLATE (POWER), LIGHT GUIDE		64	4-000-346-01	SHEET (PANEL REAR), ADHESIVE	
54	3-280-171-01	PLATE (TOP), ORNAMENTAL		65	3-280-174-01	BUTTON (CURSOR)	
56	1-831-769-21	CABLE, FLEXIBLE FLAT (9 CORE)		66	3-280-173-01	BASE (CURSOR)	
57	X-2190-466-1	CASE (FL) ASSY		67	3-280-172-01	BUTTON (TOP)	
58	3-299-795-01	FILTER (FL)		68	1-831-763-21	CABLE, FLEXIBLE FLAT (7 CORE)	
59	A-1498-592-A	DISPLAY BOARD, COMPLETE		FL401	1-519-997-11	VACUUM FLUORESCENT DISPLAY	
60	3-280-176-01	COVER (FL)		#1	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	
61	3-087-053-01	+BVTP2.6 (3CR)					
62	3-280-179-01	PANEL (TOP) (AEP, RU, E51, MX, AUS)					

7-3. MAIN SECTION



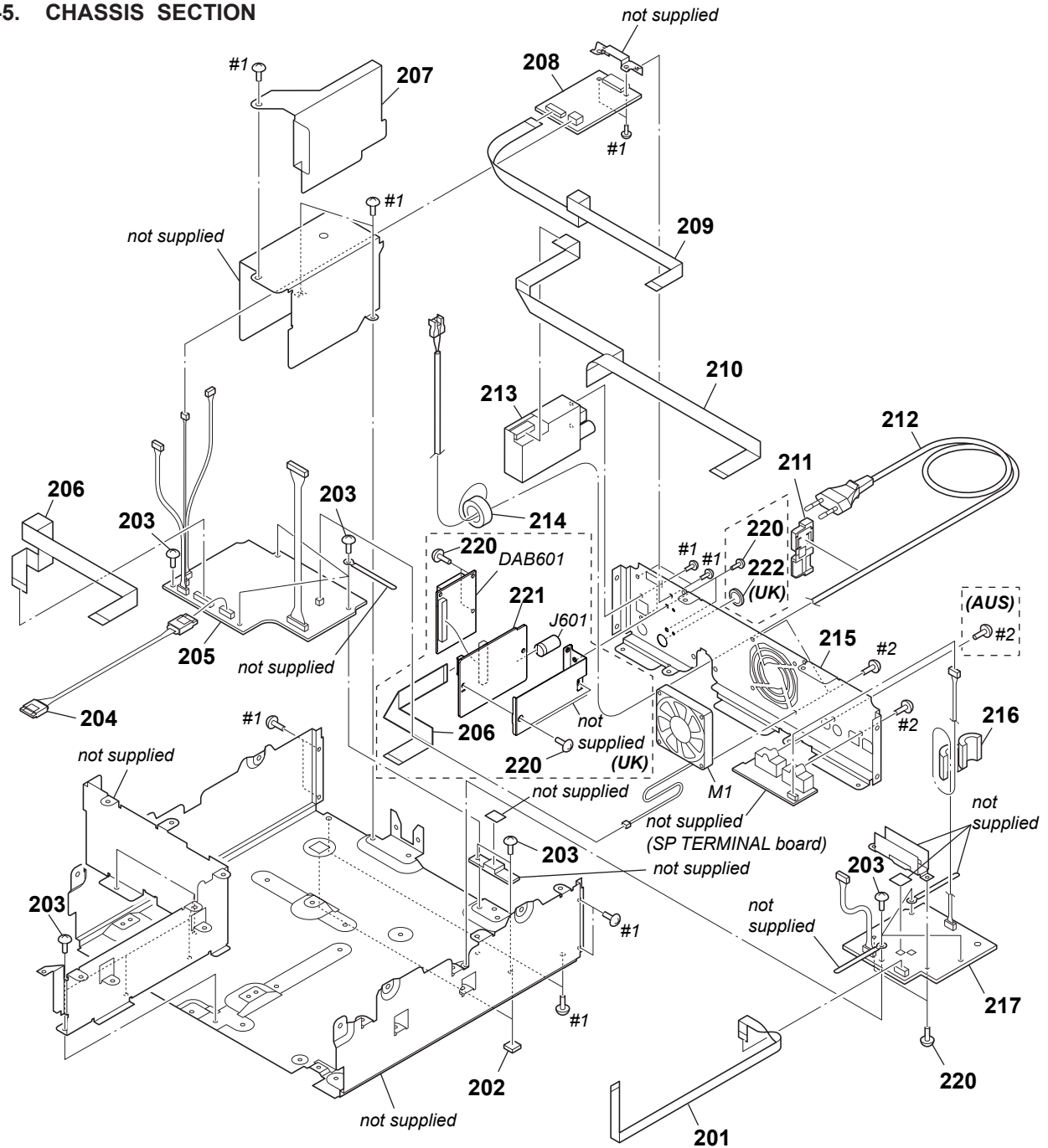
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	A-1498-599-A	MAIN BOARD, COMPLETE (AEP)		105	3-280-185-01	PLATE (CD TRAY), ORNAMENTAL	
101	A-1536-379-A	MAIN BOARD, COMPLETE (RU)		106	1-835-450-21	CABLE, FLEXIBLE FLAT (19 CORE)	
101	A-1536-382-A	MAIN BOARD, COMPLETE (UK)		107	1-832-795-21	CABLE, FLEXIBLE FLAT (5 CORE)	
101	A-1547-154-A	MAIN BOARD, COMPLETE (MX, AR)		108	A-1498-601-A	POWER BOARD, COMPLETE (EXCEPT MX, E51)	
101	A-1550-937-A	MAIN BOARD, COMPLETE (E51)		108	A-1547-194-A	POWER BOARD, COMPLETE (MX)	
				108	A-1550-939-A	POWER BOARD, COMPLETE (E51)	
101	A-1550-944-A	MAIN BOARD, COMPLETE (AUS)		#1	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	
102	1-831-755-21	CABLE, FLEXIBLE FLAT (5 CORE)					
103	1-831-780-21	CABLE, FLEXIBLE FLAT (11 CORE)					
104	1-832-533-21	CABLE, FLEXIBLE FLAT (5 CORE)					

7-4. HDD SECTION



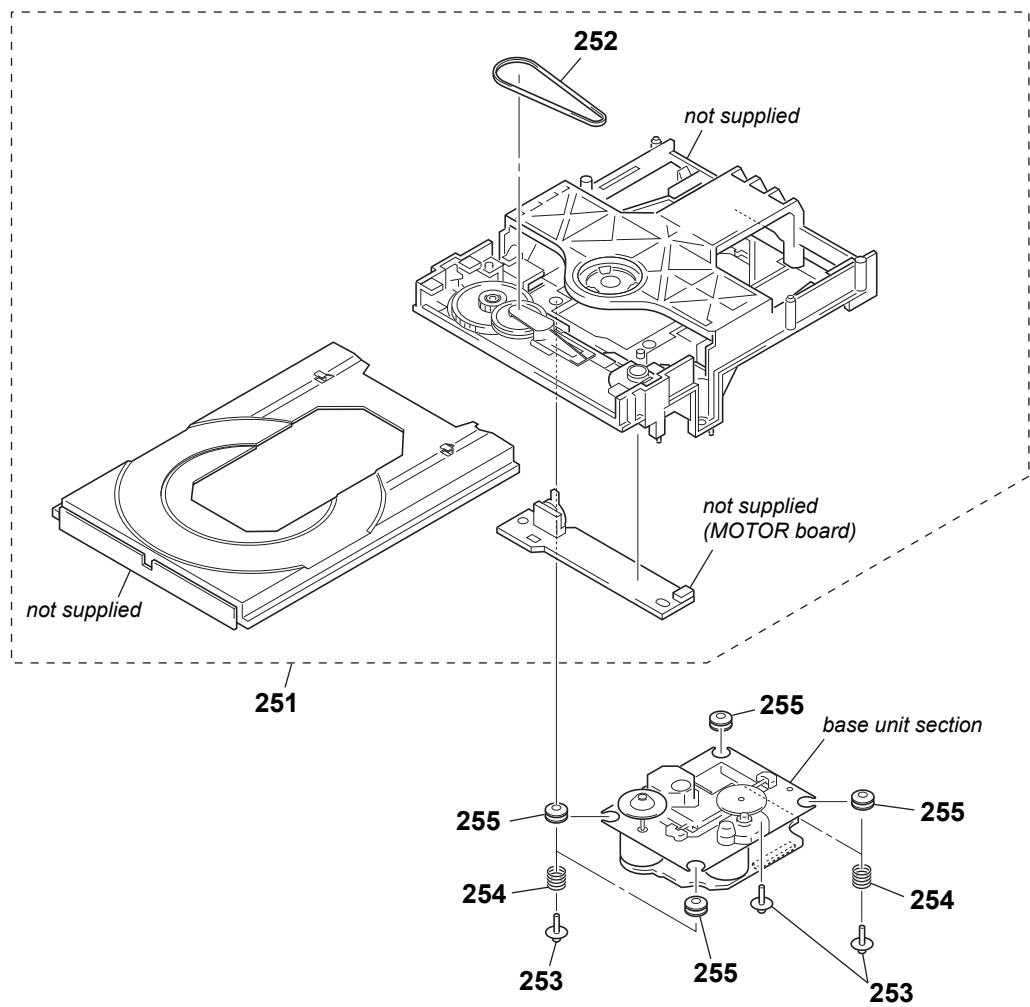
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	1-400-932-11	FILTER, CLAMP		157	1-832-537-21	CABLE, FLEXIBLE FLAT (5 CORE)	
152	1-965-828-11	HARNESS		158	3-875-817-01	BARRIER (POWER B) (AEP, UK, RU, E51, MX)	
153	3-089-380-01	DAMPER		159	3-077-331-21	+BV3 (3-CR)	
154	2-159-920-01	SCREW, HDD DAMPER		160	3-087-675-01	6-32UNCX5	
155	A-1554-741-A	HDD ASSY (GENERAL) (AEP, UK, RU, AUS)		161	4-107-308-01	BARRIER (POWER C) (AUS)	
155	A-1554-742-A	HDD ASSY (LATIN) (E51, MX)		#1	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	
156	1-835-449-21	CABLE, FLEXIBLE FLAT (17 CORE)					

7-5. CHASSIS SECTION



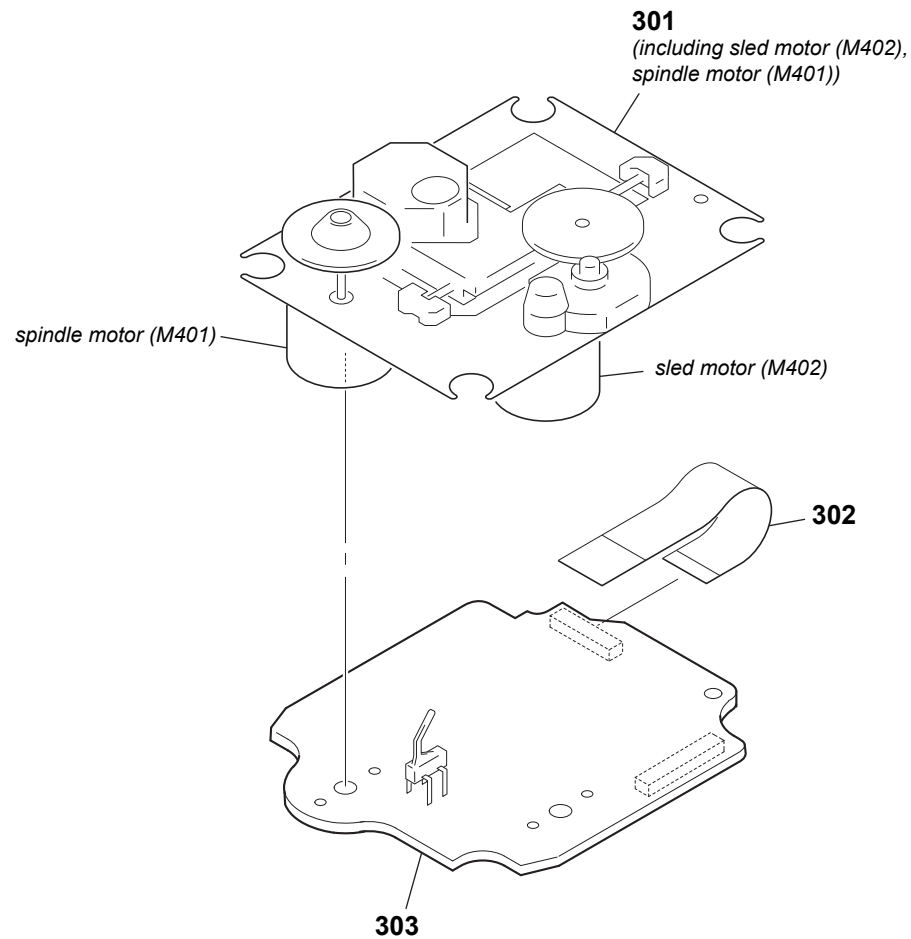
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
201	1-832-808-21	CABLE, FLEXIBLE FLAT (7 CORE)		△ 212	1-835-080-11	CORD, POWER (MX)	
202	4-233-372-02	FOOT (FELT)		213	1-693-738-11	TUNER (FM/AM) (AEP, UK)	
203	3-077-331-21	+BV3 (3-CR)		213	1-693-765-11	TUNER (FM/AM) (E51, MX, AUS)	
204	1-965-872-11	HARNESS		213	1-693-767-11	TUNER (FM/AM) (RU)	
205	A-1498-602-A	D/D CON BOARD, COMPLETE					
206	1-831-930-21	CABLE, FLEXIBLE FLAT (11 CORE)		214	1-500-868-11	CORE, FERRITE	
207	3-870-302-01	BARRIER (TUNNER)		215	3-280-189-01	PANEL (REAR)	
208	A-1498-593-A	DMP BOARD, COMPLETE		216	1-400-932-11	FILTER, CLAMP	
209	1-832-569-21	CABLE, FLEXIBLE FLAT (11 CORE)		217	A-1498-587-A	D-AMP BOARD, COMPLETE	
210	1-832-820-21	CABLE, FLEXIBLE FLAT (9 CORE)	(RU, E51, MX, AUS)	220	2-633-134-01	SCREW (B2.6), (+) BV TAPPING (UK)	
210	1-832-830-21	CABLE, FLEXIBLE FLAT (11 CORE) (AEP, UK)		221	A-1536-385-A	DAB BOARD, COMPLETE (UK)	
211	3-703-244-00	BUSHING (2104), CORD (AEP, UK, RU, E51, AUS)		222	2-650-108-01	NUT (UK)	
* 211	3-703-571-12	BUSHING (S) (4516), CORD (MX)		DAB601	1-480-340-41	MODULE (DAB TUNER) (UK)	
△ 212	1-769-744-81	CORD, POWER (UK)		J601	1-820-441-11	CONNECTOR, COAXIAL (F TYPE) (DAB 75Ω)	(UK)
△ 212	1-834-966-21	CORD, POWER (AEP, RU, E51)		M1	1-787-607-11	D.C. FAN (50 SQUARE)	
△ 212	1-834-967-21	CORD, POWER (AUS)		#1	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	
				#2	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

7-6. LOADING MECHANISM SECTION



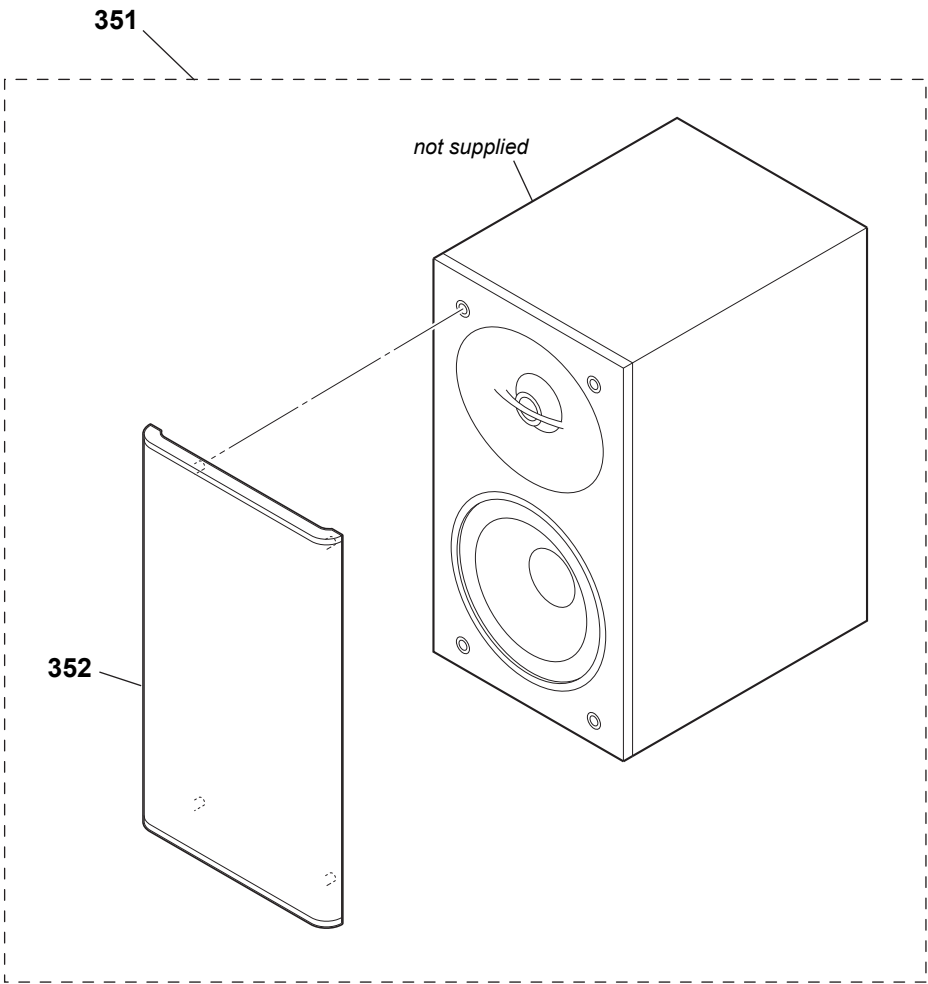
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251	A-1242-967-A	LOADING (BK) ASSY		254	4-227-045-41	SPRING (INSULATOR)	
252	3-080-478-01	BELT		255	4-229-005-41	INSULATOR	
253	4-985-672-01	SCREW (+PTPWH M2.6), FLOATING					

7-7. BASE UNIT SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
△ 301	8-820-272-02	OPTICAL PICK-UP BLOCK (KSM215DHAP/C2NP)		303	A-1498-560-A	CD BOARD, COMPLETE	
302	1-832-404-21	CABLE, FLEXIBLE FLAT (16 CORE)					

7-8. SPEAKER SECTION (SS-CE35HD)



Ref. No.	Part No.	Description	Remark
351	A-1508-681-A	SYSTEM (L) ASSY (Lch) (AEP, UK, RU, AUS)	
351	A-1508-706-A	SYSTEM (L) ASSY (Lch) (E51, MX, AR)	
351	A-1508-682-A	SYSTEM (R) ASSY (Rch) (AEP, UK, RU, AUS)	

Ref. No.	Part No.	Description	Remark
351	A-1508-707-A	SYSTEM (R) ASSY (Rch) (E51, MX, AR)	
352	X-2189-219-1	GRILLE FRAME ASSY	

SECTION 8 ELECTRICAL PARTS LIST

CD

Note:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
uF: μ F

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

- Abbreviation
AUS : Australian model
E51 : Chilean and Peruvian models
MX : Mexican model
RU : Russian model

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

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

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
	A-1498-560-A	CD BOARD, COMPLETE *****					C292	1-164-315-11	CERAMIC CHIP	470PF	5%	50V	
		< CAPACITOR >					C301	1-164-360-11	CERAMIC CHIP	0.1uF		16V	
							C302	1-137-710-91	CERAMIC CHIP	10uF	20%	6.3V	
							C303	1-137-710-91	CERAMIC CHIP	10uF	20%	6.3V	
C101	1-162-919-11	CERAMIC CHIP	22PF	5%	50V		C321	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C102	1-162-919-11	CERAMIC CHIP	22PF	5%	50V		C322	1-115-156-11	CERAMIC CHIP	1uF		10V	
C103	1-162-919-11	CERAMIC CHIP	22PF	5%	50V								
C104	1-164-230-11	CERAMIC CHIP	220PF	5%	50V		C323	1-128-995-21	ELECT CHIP	100uF	20%	10V	
C105	1-162-919-11	CERAMIC CHIP	22PF	5%	50V		C401	1-128-396-11	ELECT CHIP	470uF	20%	10V	
							C403	1-164-360-11	CERAMIC CHIP	0.1uF		16V	
C106	1-164-230-11	CERAMIC CHIP	220PF	5%	50V		C404	1-164-360-11	CERAMIC CHIP	0.1uF		16V	
C201	1-128-995-21	ELECT CHIP	100uF	20%	10V		C405	1-164-360-11	CERAMIC CHIP	0.1uF		16V	
C202	1-164-360-11	CERAMIC CHIP	0.1uF		16V								
C203	1-128-995-21	ELECT CHIP	100uF	20%	10V		C421	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C204	1-164-360-11	CERAMIC CHIP	0.1uF		16V		C422	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C423	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C205	1-164-360-11	CERAMIC CHIP	0.1uF		16V		C424	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C206	1-164-360-11	CERAMIC CHIP	0.1uF		16V		C425	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V	
C207	1-128-995-21	ELECT CHIP	100uF	20%	10V								
C208	1-164-360-11	CERAMIC CHIP	0.1uF		16V		C428	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C210	1-164-360-11	CERAMIC CHIP	0.1uF		16V		C429	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C430	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C211	1-128-995-21	ELECT CHIP	100uF	20%	10V		C440	1-164-230-11	CERAMIC CHIP	220PF	5%	50V	
C212	1-164-360-11	CERAMIC CHIP	0.1uF		16V								
C213	1-164-360-11	CERAMIC CHIP	0.1uF		16V								
C214	1-164-360-11	CERAMIC CHIP	0.1uF		16V								
C215	1-164-360-11	CERAMIC CHIP	0.1uF		16V								
							CN101	1-770-702-21	CONNECTOR, FFC/FPC 19P				
C217	1-164-360-11	CERAMIC CHIP	0.1uF		16V		CN301	1-770-425-51	CONNECTOR, FFC/FPC 16P				
C218	1-164-360-11	CERAMIC CHIP	0.1uF		16V								
C219	1-164-360-11	CERAMIC CHIP	0.1uF		16V								
C220	1-164-360-11	CERAMIC CHIP	0.1uF		16V								
C232	1-164-360-11	CERAMIC CHIP	0.1uF		16V		D440	8-719-058-24	DIODE RB501V-40TE-17				
							D441	8-719-058-24	DIODE RB501V-40TE-17				
C251	1-164-315-11	CERAMIC CHIP	470PF	5%	50V								
C252	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V								
C253	1-164-315-11	CERAMIC CHIP	470PF	5%	50V		IC201	8-752-425-12	IC CXD3059AR				
C254	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V		IC401	8-759-713-71	IC AN41050				
C256	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V								
C257	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V								
C258	1-164-388-91	CERAMIC CHIP	270PF	5%	50V								
C259	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		Q321	6-551-120-01	TRANSISTOR	2SA2119K			
C260	1-117-863-11	CERAMIC CHIP	0.47uF	10%	6.3V								
C261	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V								
C264	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V		R101	1-216-809-11	METAL CHIP	100	5%	1/10W	
C265	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		R102	1-216-809-11	METAL CHIP	100	5%	1/10W	
C267	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V		R103	1-216-809-11	METAL CHIP	100	5%	1/10W	
C268	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V		R104	1-216-809-11	METAL CHIP	100	5%	1/10W	
C269	1-124-778-00	ELECT CHIP	22uF	20%	6.3V		R105	1-216-809-11	METAL CHIP	100	5%	1/10W	
C270	1-124-778-00	ELECT CHIP	22uF	20%	6.3V		R106	1-216-809-11	METAL CHIP	100	5%	1/10W	
C271	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		R201	1-500-445-21	FERRITE, EMI (SMD) (2012)				
C272	1-164-360-11	CERAMIC CHIP	0.1uF		16V		R202	1-500-445-21	FERRITE, EMI (SMD) (2012)				
C291	1-164-315-11	CERAMIC CHIP	470PF	5%	50V		R203	1-216-295-91	SHORT CHIP	0			
							R206	1-216-864-11	SHORT CHIP	0			

NAS-E35HD/SS-CE35HD

CD D-AMP

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R252	1-216-835-11	METAL CHIP	15K	5%	1/10W	C158	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
R253	1-216-821-11	METAL CHIP	1K	5%	1/10W	C161	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
R254	1-216-835-11	METAL CHIP	15K	5%	1/10W	C162	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
R255	1-216-821-11	METAL CHIP	1K	5%	1/10W	C166	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
R256	1-216-835-11	METAL CHIP	15K	5%	1/10W	C167	1-125-838-11	CERAMIC CHIP	2.2uF	10%	6.3V
R257	1-216-857-11	METAL CHIP	1M	5%	1/10W	C172	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
R258	1-216-841-11	METAL CHIP	47K	5%	1/10W	C173	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
R259	1-216-833-11	METAL CHIP	10K	5%	1/10W	C174	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	50V
R260	1-216-864-11	SHORT CHIP	0			C175	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	50V
R265	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	C176	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	50V
R266	1-216-821-11	METAL CHIP	1K	5%	1/10W	C177	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	50V
R267	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	C251	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
R268	1-216-864-11	SHORT CHIP	0			C252	1-126-960-11	ELECT	1uF	20%	50V
R269	1-216-809-11	METAL CHIP	100	5%	1/10W	C253	1-126-960-11	ELECT	1uF	20%	50V
R270	1-216-809-11	METAL CHIP	100	5%	1/10W	C254	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
R272	1-216-864-11	SHORT CHIP	0			C255	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
R275	1-216-809-11	METAL CHIP	100	5%	1/10W	C256	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
R276	1-216-841-11	METAL CHIP	47K	5%	1/10W	C259	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
R277	1-216-809-11	METAL CHIP	100	5%	1/10W	C260	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
R278	1-216-864-11	SHORT CHIP	0			C264	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
R279	1-216-864-11	SHORT CHIP	0			C265	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
R280	1-216-864-11	SHORT CHIP	0			C266	1-125-838-11	CERAMIC CHIP	2.2uF	10%	6.3V
R281	1-469-324-21	FERRITE, EMI (SMD) (2012)				C272	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
R291	1-216-809-11	METAL CHIP	100	5%	1/10W	C273	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
R292	1-216-809-11	METAL CHIP	100	5%	1/10W	C274	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	50V
R301	1-216-295-91	SHORT CHIP	0			C275	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	50V
R302	1-216-295-91	SHORT CHIP	0			C276	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	50V
R321	1-218-446-11	METAL CHIP	1	5%	1/10W	C277	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	50V
R322	1-216-791-11	METAL CHIP	3.3	5%	1/10W	C351	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R323	1-216-864-11	SHORT CHIP	0			C352	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
R324	1-216-845-11	METAL CHIP	100K	5%	1/10W	C353	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
R325	1-216-864-11	SHORT CHIP	0			C354	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
R326	1-216-864-11	SHORT CHIP	0			C355	1-126-947-11	ELECT	47uF	20%	35V
R401	1-216-295-91	SHORT CHIP	0			C356	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R421	1-216-821-11	METAL CHIP	1K	5%	1/10W	C360	1-125-837-91	CERAMIC CHIP	1uF	10%	6.3V
R422	1-216-840-11	METAL CHIP	39K	5%	1/10W	C362	1-125-827-91	CERAMIC CHIP	1uF	10%	25V
R423	1-216-864-11	SHORT CHIP	0			C363	1-128-953-31	ELECT	470uF	20%	25V
R425	1-216-833-11	METAL CHIP	10K	5%	1/10W	C364	1-125-827-91	CERAMIC CHIP	1uF	10%	25V
R426	1-216-837-11	METAL CHIP	22K	5%	1/10W	C365	1-125-827-91	CERAMIC CHIP	1uF	10%	25V
R432	1-216-864-11	SHORT CHIP	0			C366	1-128-953-31	ELECT	470uF	20%	25V
R440	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	C367	1-125-827-91	CERAMIC CHIP	1uF	10%	25V
		< SWITCH >				C369	1-125-837-91	CERAMIC CHIP	1uF	10%	6.3V
S201	1-771-853-11	SWITCH, DETECTION (LIMIT)				C370	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
		< VIBRATOR >				C371	1-125-827-91	CERAMIC CHIP	1uF	10%	25V
X201	1-813-379-11	VIBRATOR, CRYSTAL (67.7376MHz)				C372	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
*****								< CONNECTOR >			
A-1498-587-A	D-AMP BOARD, COMPLETE					CNP351	1-568-826-11	CONNECTOR, FFC 7P			
*****								< DIODE >			
		< CAPACITOR >				D351	6-501-774-01	DIODE MAZ8150G0LS0			
C151	1-126-960-11	ELECT	1uF	20%	50V			< GROUND TERMINAL >			
C152	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	* EB351	1-537-738-21	TERMINAL, EARTH			
C153	1-126-960-11	ELECT	1uF	20%	50V			< IC >			
C154	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	IC352	6-710-904-01	IC TPA3100D2PHPR			
C155	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V						
C156	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V						

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Ref. No.	Part No.	Description		Remark		Ref. No.	Part No.	Description		Remark	
		< COIL >				C922	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
						C923	1-112-231-11	ELECT	2200uF	20%	16V
L151	1-457-387-11	INDUCTOR	22uH			C924	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
L251	1-457-387-11	INDUCTOR	22uH			C925	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< TRANSISTOR >				C928	1-112-226-21	ELECT	470uF	20%	16V
Q151	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			C931	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
Q152	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			C932	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
Q251	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			C933	1-112-231-11	ELECT	2200uF	20%	16V
Q252	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			C936	1-126-767-11	ELECT	1000uF	20%	16V
Q352	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			C939	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
						C940	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
Q353	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			C941	1-112-231-11	ELECT	2200uF	20%	16V
Q354	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			C942	1-112-238-21	ELECT	470uF	20%	25V
Q355	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			C943	1-126-933-11	ELECT	100uF	20%	16V
		< RESISTOR >				C947	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R157	1-216-845-11	METAL CHIP	100K	5%	1/10W	C948	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
R158	1-216-849-11	METAL CHIP	220K	5%	1/10W	C949	1-112-231-11	ELECT	2200uF	20%	16V
R159	1-216-849-11	METAL CHIP	220K	5%	1/10W	C950	1-100-717-91	CERAMIC CHIP	1uF		16V
R164	1-216-805-11	METAL CHIP	47	5%	1/10W	C952	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
R165	1-216-805-11	METAL CHIP	47	5%	1/10W	C953	1-126-925-91	ELECT	470uF	20%	10V
						C954	1-100-717-91	CERAMIC CHIP	1uF		16V
R166	1-216-805-11	METAL CHIP	47	5%	1/10W	C955	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R167	1-216-805-11	METAL CHIP	47	5%	1/10W	C956	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
R257	1-216-849-11	METAL CHIP	220K	5%	1/10W	C957	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
R258	1-216-849-11	METAL CHIP	220K	5%	1/10W						
R259	1-216-845-11	METAL CHIP	100K	5%	1/10W	C958	1-100-717-91	CERAMIC CHIP	1uF		16V
						C959	1-126-965-91	ELECT	22uF	20%	50V
R264	1-216-805-11	METAL CHIP	47	5%	1/10W	C967	1-126-960-11	ELECT	1uF	20%	50V
R265	1-216-805-11	METAL CHIP	47	5%	1/10W	C968	1-126-933-11	ELECT	100uF	20%	16V
R266	1-216-805-11	METAL CHIP	47	5%	1/10W			< CONNECTOR >			
R267	1-216-805-11	METAL CHIP	47	5%	1/10W						
R351	1-216-864-11	SHORT CHIP	0			CN903	1-815-443-11	PIN, CONNECTOR (PWB) 2P			
						CN908	1-819-132-11	PIN, CONNECTOR 4P			
R354	1-216-841-11	METAL CHIP	47K	5%	1/10W	CNP904	1-568-830-11	CONNECTOR, FFC 11P			
R355	1-216-845-11	METAL CHIP	100K	5%	1/10W			< DIODE >			
R356	1-216-809-11	METAL CHIP	100	5%	1/10W						
R357	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R359	1-216-864-11	SHORT CHIP	0			D905	6-501-177-01	DIODE	UDZW-TE17-13B		
						D906	6-501-171-01	DIODE	UDZW-TE17-7.5B		
R362	1-216-845-11	METAL CHIP	100K	5%	1/10W	D908	8-719-073-84	DIODE	31DQ06-FC5		
R363	1-216-845-11	METAL CHIP	100K	5%	1/10W	D909	8-719-073-84	DIODE	31DQ06-FC5		
R364	1-216-845-11	METAL CHIP	100K	5%	1/10W	D910	8-719-073-84	DIODE	31DQ06-FC5		
R366	1-216-845-11	METAL CHIP	100K	5%	1/10W						
R368	1-216-833-11	METAL CHIP	10K	5%	1/10W	D911	8-719-073-84	DIODE	31DQ06-FC5		
						D912	6-501-817-01	DIODE	MA2J1110GLS0		
R369	1-216-833-11	METAL CHIP	10K	5%	1/10W	D913	6-500-334-01	DIODE	MC2836-T112-1		
R370	1-216-821-11	METAL CHIP	1K	5%	1/10W	D914	6-501-817-01	DIODE	MA2J1110GLS0		
△ R371	1-216-833-11	METAL CHIP	10K	5%	1/10W	D915	6-501-817-01	DIODE	1N5402-F46		
R372	1-219-393-11	METAL	0.05	10%	5W						
R373	1-216-841-11	METAL CHIP	47K	5%	1/10W	D916	6-501-046-01	DIODE	1N5402-F46		
						D917	6-501-046-01	DIODE	1N5402-F46		
R374	1-216-864-11	SHORT CHIP	0			D918	6-501-171-01	DIODE	UDZW-TE17-7.5B		
R375	1-216-833-11	METAL CHIP	10K	5%	1/10W	D919	6-501-177-01	DIODE	UDZW-TE17-13B		
R377	1-216-845-11	METAL CHIP	100K	5%	1/10W	D920	6-501-817-01	DIODE	MA2J1110GLS0		
R378	1-216-864-11	SHORT CHIP	0								
R379	1-216-833-11	METAL CHIP	10K	5%	1/10W	D921	6-501-817-01	DIODE	MA2J1110GLS0		
						D922	6-501-817-01	DIODE	MA2J1110GLS0		
R380	1-216-833-11	METAL CHIP	10K	5%	1/10W	D924	8-719-073-84	DIODE	31DQ06-FC5		

	A-1498-602-A	D/D CON BOARD, COMPLETE				D925	6-501-817-01	DIODE	MA2J1110GLS0		
		*****				D926	6-501-817-01	DIODE	MA2J1110GLS0		
	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3				D927	6-501-817-01	DIODE	MA2J1110GLS0		
		< CAPACITOR >				D928	6-501-817-01	DIODE	MA2J1110GLS0		
						D929	6-501-817-01	DIODE	MA2J1110GLS0		
C919	1-112-238-21	ELECT	470uF	20%	25V	D930	6-501-817-01	DIODE	MA2J1110GLS0		

NAS-E35HD/SS-CE35HD

D/D CON DAB

Ref. No.	Part No.	Description	Remark			
< IC >						
IC902	8-759-640-19	IC PQ1CG2032FZ				
IC904	8-759-474-09	IC SI-8050S-LF1101				
IC905	6-707-208-01	IC TK11100CSCB-G				
IC906	8-759-474-09	IC SI-8050S-LF1101				
IC907	6-700-944-01	IC SI-8120S				
IC908	6-700-830-01	IC KIA7809API				
< COIL >						
L902	1-456-214-11	COIL, CHOPPER				
L903	1-456-214-11	COIL, CHOPPER				
L904	1-456-214-11	COIL, CHOPPER				
L905	1-456-214-11	COIL, CHOPPER				
< TRANSISTOR >						
Q904	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q905	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q906	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q907	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q909	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
< RESISTOR >						
R916	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	
R917	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	
R918	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	
R922	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	
R923	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	
R924	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W	
R925	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	
R927	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R928	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R931	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	
R932	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R933	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R934	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R937	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R938	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R953	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R954	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R955	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R956	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R957	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R958	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R959	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R960	1-216-864-11	SHORT CHIP	0			
R963	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R965	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R966	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R967	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R970	1-260-083-11	CARBON	47	5%	1/2W	
R971	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R972	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R973	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R974	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R975	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R976	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R977	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R978	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R979	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	

Ref. No.	Part No.	Description	Remark		
R980	1-216-829-11	METAL CHIP	4.7K	5%	1/10W

	A-1536-385-A	DAB BOARD, COMPLETE (UK)			

		< CAPACITOR >			
C173	1-126-160-11	ELECT	1uF	20%	50V
C174	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C175	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C176	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C273	1-126-160-11	ELECT	1uF	20%	50V
C274	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C275	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C276	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C317	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C318	1-126-933-11	ELECT	100uF	20%	16V
C319	1-125-972-91	ELECT	100uF	20%	16V
C652	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C653	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C655	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C657	1-124-584-00	ELECT	100uF	20%	6.3V
C658	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C659	1-126-929-21	ELECT	4700uF	20%	10V
C660	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C662	1-126-157-11	ELECT	10uF	20%	16V
C663	1-124-584-00	ELECT	100uF	20%	6.3V
C664	1-124-584-00	ELECT	100uF	20%	6.3V
C665	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C666	1-126-157-11	ELECT	10uF	20%	16V
C669	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C670	1-126-518-11	ELECT	470uF	20%	4V
C671	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C672	1-126-518-11	ELECT	470uF	20%	4V
C673	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
		< CONNECTOR >			
CN601	1-568-830-11	CONNECTOR, FFC 11P			
CN602	1-821-719-11	P.W.B CONNECTOR 30P			
		< DIODE >			
D654	8-719-063-79	DIODE 1N4002B			
		< FERRITE BEAD >			
FB651	1-410-397-21	FERRITE	1.1uH		
FB652	1-414-228-11	INDUCTOR, FERRITE BEAD			
		< IC >			
IC304	8-759-100-96	IC uPC4558G2			
IC651	6-702-302-01	IC TK11133CSCL-G			
IC652	6-711-132-01	IC MM3291CNRE			
IC653	8-759-646-52	IC KIA7805API			
		< JUMPER RESISTOR >			
JR651	1-216-864-11	SHORT CHIP	0		
JR652	1-216-864-11	SHORT CHIP	0		
JR653	1-216-864-11	SHORT CHIP	0		
JR654	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
< COIL >							C429	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
L651	1-469-152-11	FERRITE, EMI (SMD) (2012)					C430	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
L652	1-469-152-11	FERRITE, EMI (SMD) (2012)					C431	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
L653	1-457-632-11	INDUCTOR 470uH					C432	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
< RESISTOR >							C436	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
R171	1-216-829-11	METAL CHIP 4.7K	5%	1/10W			C437	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
R172	1-216-833-11	METAL CHIP 10K	5%	1/10W			C438	1-124-584-00	ELECT	100uF	20%	6.3V	
R173	1-216-829-11	METAL CHIP 4.7K	5%	1/10W			C439	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
R174	1-216-833-11	METAL CHIP 10K	5%	1/10W			C440	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
R175	1-216-829-11	METAL CHIP 4.7K	5%	1/10W			C441	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
R176	1-216-821-11	METAL CHIP 1K	5%	1/10W			C442	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
R177	1-216-829-11	METAL CHIP 4.7K	5%	1/10W			C443	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
R178	1-216-841-11	METAL CHIP 47K	5%	1/10W			C444	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
R271	1-216-829-11	METAL CHIP 4.7K	5%	1/10W			C445	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
R272	1-216-833-11	METAL CHIP 10K	5%	1/10W			C451	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
R273	1-216-829-11	METAL CHIP 4.7K	5%	1/10W			C452	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
R274	1-216-833-11	METAL CHIP 10K	5%	1/10W			C453	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
R275	1-216-829-11	METAL CHIP 4.7K	5%	1/10W			C454	1-124-261-00	ELECT	10uF	20%	50V	
R276	1-216-821-11	METAL CHIP 1K	5%	1/10W			< CONNECTOR >						
R277	1-216-829-11	METAL CHIP 4.7K	5%	1/10W			CN401	1-815-552-11	PIN, CONNECTOR (PWB) 4P				
R278	1-216-841-11	METAL CHIP 47K	5%	1/10W			CNP402	1-568-854-11	CONNECTOR, FFC 11P				
R320	1-216-845-11	METAL CHIP 100K	5%	1/10W			CNP404	1-568-850-11	CONNECTOR, FFC 7P				
R323	1-216-845-11	METAL CHIP 100K	5%	1/10W			< DIODE >						
R324	1-216-845-11	METAL CHIP 100K	5%	1/10W			D401	6-501-817-01	DIODE	MA2J1110GLS0			
R325	1-216-829-11	METAL CHIP 4.7K	5%	1/10W			D402	6-501-817-01	DIODE	MA2J1110GLS0			
R326	1-216-829-11	METAL CHIP 4.7K	5%	1/10W			D403	6-501-817-01	DIODE	MA2J1110GLS0			
R327	1-216-864-11	SHORT CHIP 0					D404	6-501-817-01	DIODE	MA2J1110GLS0			
R652	1-216-833-11	METAL CHIP 10K	5%	1/10W			D405	6-501-817-01	DIODE	MA2J1110GLS0			
R653	1-216-833-11	METAL CHIP 10K	5%	1/10W			D406	6-501-817-01	DIODE	MA2J1110GLS0			
R655	1-216-809-11	METAL CHIP 100	5%	1/10W			D407	6-501-817-01	DIODE	MA2J1110GLS0			
R658	1-216-809-11	METAL CHIP 100	5%	1/10W			D408	6-501-176-01	DIODE	UDZW-TE17-12B			
R659	1-216-829-11	METAL CHIP 4.7K	5%	1/10W			D410	6-502-348-01	LED	SLI-343Y8CT32 (HDD)			
*****							D411	6-502-348-01	LED	SLI-343Y8CT32 (USB)			
A-1498-592-A	DISPLAY BOARD, COMPLETE						D412	6-502-348-01	LED	SLI-343Y8CT32 (CD)			
*****							D413	6-502-348-01	LED	SLI-343Y8CT32 (AUDIO IN)			
< CAPACITOR >							D414	6-502-348-01	LED	SLI-343Y8CT32 (DMPORT)			
C402	1-128-131-11	ELECT 22uF	20%	50V			D415	6-502-348-01	LED	SLI-343Y8CT32 (TUNER)			
C403	1-128-131-11	ELECT 22uF	20%	50V			< FLUORESCENT INDICATOR TUBE >						
C405	1-164-156-11	CERAMIC CHIP 0.1uF		25V			FL401	1-519-997-11	VACUUM FLUORESCENT DISPLAY				
C406	1-124-261-00	ELECT 10uF	20%	50V			< IC >						
C407	1-124-261-00	ELECT 10uF	20%	50V			IC401	8-759-548-62	IC	SN74LV123ANSR			
C408	1-164-156-11	CERAMIC CHIP 0.1uF		25V			IC402	8-759-100-96	IC	uPC4558G2			
C409	1-164-156-11	CERAMIC CHIP 0.1uF		25V			IC403	A-1552-984-A	IC	R5F3640DDFA (for SERVICE)			
C410	1-124-261-00	ELECT 10uF	20%	50V			IC404	6-702-302-01	IC	TK11133CSCL-G			
C411	1-124-261-00	ELECT 10uF	20%	50V			< TRANSISTOR >						
C412	1-164-156-11	CERAMIC CHIP 0.1uF		25V			Q401	8-729-307-58	TRANSISTOR	2SC1775A-E			
C413	1-164-156-11	CERAMIC CHIP 0.1uF		25V			Q402	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
C414	1-124-261-00	ELECT 10uF	20%	50V			Q403	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
C415	1-124-261-00	ELECT 10uF	20%	50V			Q404	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
C416	1-164-156-11	CERAMIC CHIP 0.1uF		25V			Q405	8-729-230-27	TRANSISTOR	2SA1213Y-TE12L			
C417	1-164-156-11	CERAMIC CHIP 0.1uF		25V			Q406	8-729-807-51	TRANSISTOR	2SD1623-S			
C418	1-164-156-11	CERAMIC CHIP 0.1uF		25V			Q407	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
C419	1-115-416-11	CERAMIC CHIP 0.001uF	5%	25V			Q408	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
C420	1-124-261-00	ELECT 10uF	20%	50V			Q410	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
C421	1-124-261-00	ELECT 10uF	20%	50V			Q411	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
C422	1-137-749-11	MYLAR 0.1uF		100V									
C424	1-164-156-11	CERAMIC CHIP 0.1uF		25V									

NAS-E35HD/SS-CE35HD

DISPLAY DMP

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
Q412	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF										
Q413	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF				R466	1-216-809-11	METAL CHIP	100	5%	1/10W	
Q414	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF				R467	1-216-833-11	METAL CHIP	10K	5%	1/10W	
Q415	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF				R477	1-216-833-11	METAL CHIP	10K	5%	1/10W	
		< RESISTOR >					R484	1-216-809-11	METAL CHIP	100	5%	1/10W	
							R486	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R401	1-216-797-11	METAL CHIP	10	5%	1/10W		R489	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R402	1-216-797-11	METAL CHIP	10	5%	1/10W		R490	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R403	1-216-797-11	METAL CHIP	10	5%	1/10W		R495	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R404	1-216-793-11	METAL CHIP	4.7	5%	1/10W		R497	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R405	1-216-797-11	METAL CHIP	10	5%	1/10W		R499	1-216-805-11	METAL CHIP	47	5%	1/10W	
R406	1-216-797-11	METAL CHIP	10	5%	1/10W		R504	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R407	1-216-797-11	METAL CHIP	10	5%	1/10W		R505	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R408	1-216-793-11	METAL CHIP	4.7	5%	1/10W		R506	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R409	1-216-797-11	METAL CHIP	10	5%	1/10W		R507	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R410	1-216-797-11	METAL CHIP	10	5%	1/10W		R509	1-216-809-11	METAL CHIP	100	5%	1/10W	
R411	1-216-841-11	METAL CHIP	47K	5%	1/10W		R531	1-216-813-11	METAL CHIP	220	5%	1/10W	
R412	1-216-821-11	METAL CHIP	1K	5%	1/10W		R532	1-216-817-11	METAL CHIP	470	5%	1/10W	
R413	1-216-833-11	METAL CHIP	10K	5%	1/10W		R536	1-216-813-11	METAL CHIP	220	5%	1/10W	
R414	1-216-821-11	METAL CHIP	1K	5%	1/10W		R537	1-216-817-11	METAL CHIP	470	5%	1/10W	
R415	1-216-821-11	METAL CHIP	1K	5%	1/10W		R541	1-216-813-11	METAL CHIP	220	5%	1/10W	
R416	1-216-833-11	METAL CHIP	10K	5%	1/10W		R542	1-216-817-11	METAL CHIP	470	5%	1/10W	
R417	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		R546	1-216-813-11	METAL CHIP	220	5%	1/10W	
R418	1-216-813-11	METAL CHIP	220	5%	1/10W		R547	1-216-817-11	METAL CHIP	470	5%	1/10W	
R420	1-216-833-11	METAL CHIP	10K	5%	1/10W		R552	1-216-813-11	METAL CHIP	220	5%	1/10W	
R421	1-216-821-11	METAL CHIP	1K	5%	1/10W		R553	1-216-817-11	METAL CHIP	470	5%	1/10W	
R422	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		R556	1-216-813-11	METAL CHIP	220	5%	1/10W	
R423	1-216-821-11	METAL CHIP	1K	5%	1/10W		R557	1-216-817-11	METAL CHIP	470	5%	1/10W	
R424	1-216-833-11	METAL CHIP	10K	5%	1/10W		R563	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R425	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R564	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R427	1-216-833-11	METAL CHIP	10K	5%	1/10W		R565	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R429	1-216-805-11	METAL CHIP	47	5%	1/10W		R566	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R431	1-216-805-11	METAL CHIP	47	5%	1/10W		R567	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R432	1-216-805-11	METAL CHIP	47	5%	1/10W		R568	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R433	1-216-805-11	METAL CHIP	47	5%	1/10W		R569	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R434	1-216-833-11	METAL CHIP	10K	5%	1/10W		R576	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R435	1-216-821-11	METAL CHIP	1K	5%	1/10W		R577	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R440	1-216-837-11	METAL CHIP	22K	5%	1/10W		R578	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R441	1-216-821-11	METAL CHIP	1K	5%	1/10W		R579	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R442	1-216-821-11	METAL CHIP	1K	5%	1/10W		R580	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R443	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		R581	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R444	1-216-841-11	METAL CHIP	47K	5%	1/10W		R582	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R445	1-216-841-11	METAL CHIP	47K	5%	1/10W		R583	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R446	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		R584	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R447	1-216-801-11	METAL CHIP	22	5%	1/10W		R585	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R449	1-216-833-11	METAL CHIP	10K	5%	1/10W		R586	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R450	1-216-809-11	METAL CHIP	100	5%	1/10W		R587	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R451	1-216-833-11	METAL CHIP	10K	5%	1/10W								
R452	1-216-809-11	METAL CHIP	100	5%	1/10W				< VIBRATOR >				
R453	1-216-833-11	METAL CHIP	10K	5%	1/10W		X401	1-814-062-21	VIBRATOR, CERAMIC (5MHz)				
R454	1-216-809-11	METAL CHIP	100	5%	1/10W		*****						
R455	1-216-833-11	METAL CHIP	10K	5%	1/10W								
R456	1-216-864-11	SHORT CHIP	0				A-1498-593-A	DMP BOARD, COMPLETE					
R457	1-216-809-11	METAL CHIP	100	5%	1/10W			*****					
R458	1-216-833-11	METAL CHIP	10K	5%	1/10W								
R459	1-216-809-11	METAL CHIP	100	5%	1/10W				< CAPACITOR >				
R460	1-216-809-11	METAL CHIP	100	5%	1/10W		C129	1-126-193-11	ELECT CHIP	1uF	20%	50V	
R461	1-216-833-11	METAL CHIP	10K	5%	1/10W		C130	1-126-193-11	ELECT CHIP	1uF	20%	50V	
R462	1-216-833-11	METAL CHIP	10K	5%	1/10W		C139	1-126-193-11	ELECT CHIP	1uF	20%	50V	
R464	1-216-809-11	METAL CHIP	100	5%	1/10W		C229	1-126-193-11	ELECT CHIP	1uF	20%	50V	
R465	1-216-809-11	METAL CHIP	100	5%	1/10W		C230	1-126-193-11	ELECT CHIP	1uF	20%	50V	

DMP

HP JACK

KEY (FRONT)

KEY (L)

Ref. No.	Part No.	Description	Remark		
C239	1-126-193-11	ELECT CHIP	1uF	20%	50V
C964	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C965	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C967	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C968	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C970	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C971	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C972	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
< CONNECTOR >					
CN813	1-770-160-21	PIN, CONNECTOR (PC BOARD) 2P			
CNP812	1-784-863-51	CONNECTOR, FFC (LIF (NON-ZIF)) 11P			
< DIODE >					
D801	6-500-848-01	DIODE MC2840-T112-1			
< IC >					
IC305	8-759-100-96	IC uPC4558G2			
IC802	6-710-887-01	IC R5523N001B-TR-F			
< JACK >					
J811	1-817-615-21	CONNECTOR, SQUARE TYPE (RECE) (DMPORT)			
< COIL >					
L906	1-414-078-11	INDUCTOR	10uH		
< RESISTOR >					
R119	1-216-837-11	METAL CHIP	22K	5%	1/10W
R120	1-216-837-11	METAL CHIP	22K	5%	1/10W
R121	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R122	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R219	1-216-837-11	METAL CHIP	22K	5%	1/10W
R220	1-216-837-11	METAL CHIP	22K	5%	1/10W
R221	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R222	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R970	1-216-864-11	SHORT CHIP	0		
R971	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R972	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R974	1-216-864-11	SHORT CHIP	0		

HP JACK BOARD					

< CAPACITOR >					
C122	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C123	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C124	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C222	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C223	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C224	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C313	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C314	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
< DIODE >					
D301	6-500-848-01	DIODE MC2840-T112-1			
D302	6-500-848-01	DIODE MC2840-T112-1			

Ref. No.	Part No.	Description	Remark		
< FERRITE BEAD/RESISTOR >					
FB101	1-469-324-21	FERRITE, EMI (SMD) (2012)			
FB201	1-469-324-21	FERRITE, EMI (SMD) (2012)			
FB301	1-469-324-21	FERRITE, EMI (SMD) (2012)			
FB302	1-469-324-21	FERRITE, EMI (SMD) (2012)			
FB303	1-216-821-11	METAL CHIP	1K	5%	1/10W
< JACK >					
J301	1-815-629-21	JACK (AUDIO IN)			
J302	1-815-629-21	JACK (㊦)			
< RESISTOR >					
R117	1-216-845-11	METAL CHIP	100K	5%	1/10W
R118	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R217	1-216-845-11	METAL CHIP	100K	5%	1/10W
R218	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

KEY (FRONT) BOARD					

< CAPACITOR >					
C602	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C603	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C605	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
< CONNECTOR >					
CNP601	1-784-727-11	CONNECTOR, FFC 5P			
< IC >					
IC601	6-711-556-01	IC NJL24H400B-SA			
< RESISTOR >					
R601	1-216-833-11	METAL CHIP	10K	5%	1/10W
R602	1-216-805-11	METAL CHIP	47	5%	1/10W
R603	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R604	1-216-833-11	METAL CHIP	10K	5%	1/10W
R605	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R606	1-216-821-11	METAL CHIP	1K	5%	1/10W
< SWITCH >					
S601	1-762-875-21	SWITCH, KEYBOARD (▲)			
S602	1-480-469-11	ENCODER, ROTARY (VOLUME)			

KEY (L) BOARD					

< LED >					
D601	6-500-725-01	LED SLR-343VCT32 (I/㊦)			
< TRANSISTOR >					
Q601	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
< RESISTOR >					
R607	1-216-837-11	METAL CHIP	22K	5%	1/10W
R608	1-216-833-11	METAL CHIP	10K	5%	1/10W
R609	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R610	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R611	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

NAS-E35HD/SS-CE35HD

KEY (L) KEY (R) MAIN

Ref. No.	Part No.	Description	Remark		
R612	1-216-821-11	METAL CHIP	1K	5%	1/10W
R614	1-216-833-11	METAL CHIP	10K	5%	1/10W
R615	1-216-813-11	METAL CHIP	220	5%	1/10W
< SWITCH >					
S603	1-762-875-21	SWITCH, KEYBOARD (HDD ▶▶II)			
S604	1-762-875-21	SWITCH, KEYBOARD (USB ▶▶II)			
S605	1-762-875-21	SWITCH, KEYBOARD (CD ▶▶II)			
S606	1-762-875-21	SWITCH, KEYBOARD (TUNER/BAND)			
S607	1-762-875-21	SWITCH, KEYBOARD (■)			
S608	1-762-875-21	SWITCH, KEYBOARD (⏮◀◀◀◀, TUNE -)			
S609	1-762-875-21	SWITCH, KEYBOARD (▶▶▶▶▶▶, TUNE+)			
S610	1-762-875-21	SWITCH, KEYBOARD (I/⏻)			

KEY (R) BOARD					

< RESISTOR >					
R616	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R617	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R618	1-216-821-11	METAL CHIP	1K	5%	1/10W
R619	1-216-841-11	METAL CHIP	47K	5%	1/10W
R620	1-216-837-11	METAL CHIP	22K	5%	1/10W
R621	1-216-833-11	METAL CHIP	10K	5%	1/10W
R622	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R623	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R624	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R625	1-216-821-11	METAL CHIP	1K	5%	1/10W
< SWITCH >					
S611	1-762-875-21	SWITCH, KEYBOARD (OPTIONS)			
S612	1-762-875-21	SWITCH, KEYBOARD (TRANSFER)			
S613	1-762-875-21	SWITCH, KEYBOARD (HDD REC)			
S614	1-762-875-21	SWITCH, KEYBOARD (BACK)			
S615	1-762-875-21	SWITCH, KEYBOARD (FUNCTION)			
S616	1-762-875-21	SWITCH, KEYBOARD (⬅)			
S617	1-762-875-21	SWITCH, KEYBOARD (➡)			
S618	1-762-875-21	SWITCH, KEYBOARD (⬆)			
S619	1-762-875-21	SWITCH, KEYBOARD (⬇)			
S620	1-762-875-21	SWITCH, KEYBOARD (ENTER)			
S621	1-762-875-21	SWITCH, KEYBOARD (TITLE UPDATE)			
S621	1-762-875-21	SWITCH, KEYBOARD (EXCEPT UK)			
S621	1-762-875-21	SWITCH, KEYBOARD (TITLE UPDATE/DAB AUTO SCAN) (UK)			

	A-1498-599-A	MAIN BOARD, COMPLETE (AEP)			
	A-1536-379-A	MAIN BOARD, COMPLETE (RU)			
	A-1536-382-A	MAIN BOARD, COMPLETE (UK)			
	A-1547-154-A	MAIN BOARD, COMPLETE (MX, AR)			
	A-1550-937-A	MAIN BOARD, COMPLETE (E51)			
	A-1550-944-A	MAIN BOARD, COMPLETE (AUS)			

< CAPACITOR >					
C101	1-126-960-11	ELECT	1uF	20%	50V
C102	1-126-960-11	ELECT	1uF	20%	50V
C103	1-126-960-11	ELECT	1uF	20%	50V
C105	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C106	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V

Ref. No.	Part No.	Description	Remark		
C107	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C108	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C110	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C111	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C112	1-126-160-11	ELECT	1uF	20%	50V
C113	1-126-960-11	ELECT	1uF	20%	50V
C114	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C115	1-126-160-11	ELECT	1uF	20%	50V
C116	1-126-160-11	ELECT	1uF	20%	50V
C117	1-126-960-11	ELECT	1uF	20%	50V
C118	1-126-923-91	ELECT	220uF	20%	10V
C119	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C120	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C121	1-126-960-11	ELECT	1uF	20%	50V
C122	1-126-160-11	ELECT	1uF	20%	50V (UK)
C131	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C132	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C133	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C134	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C135	1-126-960-11	ELECT	1uF	20%	50V
C136	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C137	1-126-960-11	ELECT	1uF	20%	50V
C140	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C141	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C142	1-126-160-11	ELECT	1uF	20%	50V (UK)
C143	1-126-160-11	ELECT	1uF	20%	50V
C144	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C145	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C150	1-164-360-11	CERAMIC CHIP	0.1uF		16V (AUS)
C152	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C164	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C172	1-126-960-11	ELECT	1uF	20%	50V (AUS)
C201	1-126-960-11	ELECT	1uF	20%	50V
C202	1-126-960-11	ELECT	1uF	20%	50V
C203	1-126-160-11	ELECT	1uF	20%	50V
C205	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C206	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C207	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C208	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C210	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C211	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C212	1-126-160-11	ELECT	1uF	20%	50V
C213	1-126-960-11	ELECT	1uF	20%	50V
C214	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C215	1-126-160-11	ELECT	1uF	20%	50V
C216	1-126-160-11	ELECT	1uF	20%	50V
C217	1-126-960-11	ELECT	1uF	20%	50V
C218	1-126-923-91	ELECT	220uF	20%	10V
C219	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C220	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C221	1-126-960-11	ELECT	1uF	20%	50V
C222	1-126-160-11	ELECT	1uF	20%	50V (UK)
C231	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C232	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C233	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C234	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C235	1-126-960-11	ELECT	1uF	20%	50V
C236	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C237	1-126-960-11	ELECT	1uF	20%	50V
C240	1-164-360-11	CERAMIC CHIP	0.1uF		16V

Ref. No.	Part No.	Description	Remark		Ref. No.	Part No.	Description	Remark	
C241	1-164-360-11	CERAMIC CHIP	0.1uF	16V	C986	1-126-157-11	ELECT 10uF 20%	16V	
C242	1-126-160-11	ELECT	1uF	20% 50V (UK)	C987	1-164-360-11	CERAMIC CHIP 0.1uF	16V	
C243	1-126-160-11	ELECT	1uF	20% 50V	C988	1-164-360-11	CERAMIC CHIP 0.1uF	16V	
C244	1-164-360-11	CERAMIC CHIP	0.1uF	16V	C989	1-164-360-11	CERAMIC CHIP 0.1uF	16V	
C245	1-162-960-11	CERAMIC CHIP	220PF	10% 50V	C990	1-164-360-11	CERAMIC CHIP 0.1uF	16V	
C250	1-164-360-11	CERAMIC CHIP	0.1uF	16V (AUS)	C991	1-126-176-11	ELECT 220uF 20%	10V	
C252	1-125-891-11	CERAMIC CHIP	0.47uF	10% 10V	C992	1-126-176-11	ELECT 220uF 20%	10V	
C264	1-162-919-11	CERAMIC CHIP	22PF	5% 50V	< CONNECTOR >				
C272	1-126-960-11	ELECT	1uF	20% 50V (AUS)	CN303	1-815-449-11	PIN, CONNECTOR (PWB) 8P		
C301	1-126-933-11	ELECT	100uF	20% 16V	CN309	1-815-444-11	PIN, CONNECTOR (PWB) 3P (AUS)		
C302	1-164-360-11	CERAMIC CHIP	0.1uF	16V	CNP301	1-568-826-11	CONNECTOR, FFC 7P		
C303	1-126-964-11	ELECT	10uF	20% 50V	CNP302	1-779-273-11	CONNECTOR, FFC (LIF (NON-ZIF)) 5P		
C304	1-164-360-11	CERAMIC CHIP	0.1uF	16V	CNP801	1-568-830-11	CONNECTOR, FFC 11P (AEP, UK)		
C305	1-126-925-91	ELECT	470uF	20% 10V	CNP802	1-568-830-11	CONNECTOR, FFC 11P (UK)		
C306	1-126-933-11	ELECT	100uF	20% 16V	CNP803	1-779-279-11	CONNECTOR, FFC (LIF (NON-ZIF)) 11P		
C307	1-164-360-11	CERAMIC CHIP	0.1uF	16V	CNP804	1-779-556-21	CONNECTOR, FFC (LIF (NON-ZIF)) 19P		
C308	1-164-360-11	CERAMIC CHIP	0.1uF	16V	CNP805	1-779-554-21	CONNECTOR, FFC (LIF (NON-ZIF)) 17P		
C309	1-126-933-11	ELECT	100uF	20% 16V	CNP806	1-779-542-21	CONNECTOR, FFC (LIF (NON-ZIF)) 5P		
C310	1-126-923-91	ELECT	220uF	20% 10V	CNP807	1-568-830-11	CONNECTOR, FFC 11P		
C311	1-164-360-11	CERAMIC CHIP	0.1uF	16V	CNP808	1-784-770-11	CONNECTOR, FFC 9P (EXCEPT AEP, UK)		
C315	1-164-360-11	CERAMIC CHIP	0.1uF	16V	CNP810	1-784-766-11	CONNECTOR, FFC 5P		
C317	1-162-970-11	CERAMIC CHIP	0.01uF	10% 25V	CNP814	1-784-770-11	CONNECTOR, FFC 9P		
C321	1-164-360-11	CERAMIC CHIP	0.1uF	16V	< DIODE >				
C322	1-125-972-91	ELECT	100uF	20% 16V	D801	6-501-817-01	DIODE MA2J1110GLS0		
C323	1-164-360-11	CERAMIC CHIP	0.1uF	16V	D803	8-719-000-07	DIODE MC2836		
C324	1-125-972-91	ELECT	100uF	20% 16V	D804	6-501-738-01	DIODE MAZ8062GMLS0		
C352	1-164-360-11	CERAMIC CHIP	0.1uF	16V	D805	6-501-817-01	DIODE MA2J1110GLS0		
C353	1-126-933-11	ELECT	100uF	20% 16V	D806	8-719-085-36	DIODE 11EQS04-TB5		
C368	1-164-360-11	CERAMIC CHIP	0.1uF	16V	D807	8-719-063-79	DIODE 1N4002B		
C801	1-162-970-11	CERAMIC CHIP	0.01uF	10% 25V	D808	8-719-063-79	DIODE 1N4002B		
C802	1-162-915-11	CERAMIC CHIP	10PF	0.5PF 50V	D809	6-501-817-01	DIODE MA2J1110GLS0		
C803	1-162-915-11	CERAMIC CHIP	10PF	0.5PF 50V	< GROUND TERMINAL >				
C804	1-162-919-11	CERAMIC CHIP	22PF	5% 50V	* EB380	1-537-738-21	TERMINAL, EARTH		
C806	1-164-360-11	CERAMIC CHIP	0.1uF	16V	< JUMPER RESISTOR >				
C808	1-162-927-11	CERAMIC CHIP	100PF	5% 50V	FB104	1-216-864-11	SHORT CHIP 0		
C809	1-162-927-11	CERAMIC CHIP	100PF	5% 50V	FB204	1-216-864-11	SHORT CHIP 0		
C810	1-164-360-11	CERAMIC CHIP	0.1uF	16V	FB205	1-216-864-11	SHORT CHIP 0		
C811	1-164-360-11	CERAMIC CHIP	0.1uF	16V	< IC >				
C812	1-164-360-11	CERAMIC CHIP	0.1uF	16V	IC301	8-759-545-66	IC NJM3414AMP (TE2)		
C813	1-164-360-11	CERAMIC CHIP	0.1uF	16V	IC302	6-712-055-01	IC BD3499FV-E2		
C814	1-164-360-11	CERAMIC CHIP	0.1uF	16V (UK)	IC303	8-759-100-96	IC uPC4558G2 (AUS)		
C815	1-164-360-11	CERAMIC CHIP	0.1uF	16V	IC306	8-759-100-96	IC uPC4558G2		
C816	1-104-905-11	DOUBLE LAYER	0.22F	5.5V	IC307	8-759-100-96	IC uPC4558G2		
C817	1-125-891-11	CERAMIC CHIP	0.47uF	10% 10V	IC351	8-759-525-25	IC BU4052BCF-E2		
C818	1-125-891-11	CERAMIC CHIP	0.47uF	10% 10V	IC801	6-701-680-01	IC PST3629NR		
C819	1-125-891-11	CERAMIC CHIP	0.47uF	10% 10V	IC803	A-1552-982-A	IC R5F3640DDFA (for SERVICE) (UK)		
C820	1-164-360-11	CERAMIC CHIP	0.1uF	16V	IC803	A-1552-983-A	IC R5F3640DDFA (for SERVICE) (EXCEPT UK)		
C823	1-126-176-11	ELECT	220uF	20% 10V	IC805	8-759-598-69	IC BA6956AN		
C824	1-164-360-11	CERAMIC CHIP	0.1uF	16V	IC981	6-702-302-01	IC TK11133CSCL-G		
C825	1-126-176-11	ELECT	220uF	20% 10V	IC982	6-702-302-01	IC TK11133CSCL-G		
C826	1-126-176-11	ELECT	220uF	20% 10V	< JUMPER RESISTOR >				
C840	1-125-891-11	CERAMIC CHIP	0.47uF	10% 10V	JR801	1-216-864-11	SHORT CHIP 0		
C844	1-164-360-11	CERAMIC CHIP	0.1uF	16V	JR802	1-216-864-11	SHORT CHIP 0		
C855	1-126-933-11	ELECT	100uF	20% 16V	JR803	1-216-864-11	SHORT CHIP 0		
C871	1-164-360-11	CERAMIC CHIP	0.1uF	16V					
C981	1-164-360-11	CERAMIC CHIP	0.1uF	16V					
C982	1-164-360-11	CERAMIC CHIP	0.1uF	16V					
C983	1-126-157-11	ELECT	10uF	20% 16V					
C984	1-164-360-11	CERAMIC CHIP	0.1uF	16V					
C985	1-164-360-11	CERAMIC CHIP	0.1uF	16V					

NAS-E35HD/SS-CE35HD

MAIN

Ref. No.	Part No.	Description	Remark			
< COIL >						
L803	1-410-509-11	INDUCTOR	10uH			
L804	1-410-509-11	INDUCTOR	10uH			
L806	1-410-509-11	INDUCTOR	10uH			
L807	1-410-509-11	INDUCTOR	10uH (UK)			
< TRANSISTOR >						
Q102	6-550-889-01	TRANSISTOR	2SC5938-T112-1B			
Q111	6-550-889-01	TRANSISTOR	2SC5938-T112-1B (AUS)			
Q115	6-550-889-01	TRANSISTOR	2SC5938-T112-1B			
Q202	6-550-889-01	TRANSISTOR	2SC5938-T112-1B			
Q211	6-550-889-01	TRANSISTOR	2SC5938-T112-1B (AUS)			
Q215	6-550-889-01	TRANSISTOR	2SC5938-T112-1B			
Q301	8-729-027-23	TRANSISTOR	DTA114EKA-T146			
Q302	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q303	8-729-027-43	TRANSISTOR	DTC114EKA-T146			
Q304	8-729-027-23	TRANSISTOR	DTA114EKA-T146			
Q305	8-729-027-43	TRANSISTOR	DTC114EKA-T146			
Q306	8-729-027-43	TRANSISTOR	DTC114EKA-T146			
Q307	8-729-027-43	TRANSISTOR	DTC114EKA-T146			
Q308	8-729-027-23	TRANSISTOR	DTA114EKA-T146 (AUS)			
Q309	8-729-027-43	TRANSISTOR	DTC114EKA-T146 (AUS)			
Q310	8-729-027-43	TRANSISTOR	DTC114EKA-T146			
Q801	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q802	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			
Q803	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q804	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
< RESISTOR >						
R101	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R103	1-216-841-11	METAL CHIP	47K	5%	1/10W	(AUS)
R104	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R105	1-216-853-11	METAL CHIP	470K	5%	1/10W	
R106	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R107	1-216-864-11	SHORT CHIP	0			
R108	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R109	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R110	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R111	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R112	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R113	1-216-864-11	SHORT CHIP	0			
R114	1-216-864-11	SHORT CHIP	0 (UK)			
R115	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R116	1-216-864-11	SHORT CHIP	0			
R118	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R119	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R120	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R121	1-216-845-11	METAL CHIP	100K	5%	1/10W	(AEP, UK, RU, AUS)
R121	1-216-849-11	METAL CHIP	220K	5%	1/10W	(E51, MX, AR)
R122	1-216-809-11	METAL CHIP	100	5%	1/10W	(AUS)
R123	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R124	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R125	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R126	1-216-833-11	METAL CHIP	10K	5%	1/10W	(AEP, UK, RU, AUS)

Ref. No.	Part No.	Description	Remark			
R126	1-216-837-11	METAL CHIP	22K	5%	1/10W	(E51, MX, AR)
R128	1-216-821-11	METAL CHIP	1K	5%	1/10W	(UK)
R129	1-216-841-11	METAL CHIP	47K	5%	1/10W	(UK)
R131	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R132	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R133	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R134	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R135	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R136	1-216-805-11	METAL CHIP	47	5%	1/10W	
R137	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R139	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R141	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	(AUS)
R143	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	(AUS)
R144	1-216-864-11	SHORT CHIP	0			
R150	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R151	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R152	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R153	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R154	1-216-864-11	SHORT CHIP	0 (AUS)			
R158	1-216-809-11	METAL CHIP	100	5%	1/10W	
R159	1-216-821-11	METAL CHIP	1K	5%	1/10W	(AUS)
R201	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R203	1-216-841-11	METAL CHIP	47K	5%	1/10W	(AUS)
R204	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R205	1-216-853-11	METAL CHIP	470K	5%	1/10W	
R206	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R207	1-216-864-11	SHORT CHIP	0			
R208	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R209	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R210	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R211	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R212	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R213	1-216-864-11	SHORT CHIP	0			
R214	1-216-864-11	SHORT CHIP	0 (UK)			
R215	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R216	1-216-864-11	SHORT CHIP	0			
R218	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R219	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R220	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R221	1-216-845-11	METAL CHIP	100K	5%	1/10W	(AEP, UK, RU, AUS)
R221	1-216-849-11	METAL CHIP	220K	5%	1/10W	(E51, MX, AR)
R222	1-216-809-11	METAL CHIP	100	5%	1/10W	(AUS)
R223	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R224	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R225	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R226	1-216-833-11	METAL CHIP	10K	5%	1/10W	(AEP, UK, RU, AUS)
R226	1-216-837-11	METAL CHIP	22K	5%	1/10W	(E51, MX, AR)
R228	1-216-821-11	METAL CHIP	1K	5%	1/10W	(UK)
R229	1-216-841-11	METAL CHIP	47K	5%	1/10W	(UK)

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R231	1-216-821-11	METAL CHIP	1K	5%	1/10W	R714	1-216-821-11	METAL CHIP	1K	5%	1/10W
R232	1-216-841-11	METAL CHIP	47K	5%	1/10W	R716	1-216-821-11	METAL CHIP	1K	5%	1/10W
R233	1-216-821-11	METAL CHIP	1K	5%	1/10W	R800	1-216-821-11	METAL CHIP	1K	5%	1/10W
R234	1-216-841-11	METAL CHIP	47K	5%	1/10W	R801	1-216-864-11	SHORT CHIP	0		
R235	1-216-833-11	METAL CHIP	10K	5%	1/10W	R802	1-216-864-11	SHORT CHIP	0		
R236	1-216-805-11	METAL CHIP	47	5%	1/10W	R803	1-216-864-11	SHORT CHIP	0		
R237	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R804	1-216-821-11	METAL CHIP	1K	5%	1/10W (UK)
R239	1-216-845-11	METAL CHIP	100K	5%	1/10W	R805	1-216-821-11	METAL CHIP	1K	5%	1/10W (UK)
R241	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (AUS)	R806	1-216-821-11	METAL CHIP	1K	5%	1/10W (UK)
R243	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (AUS)	R807	1-216-821-11	METAL CHIP	1K	5%	1/10W (UK)
R244	1-216-864-11	SHORT CHIP	0			R808	1-216-864-11	SHORT CHIP	0		
R250	1-216-845-11	METAL CHIP	100K	5%	1/10W	R809	1-216-864-11	SHORT CHIP	0		
R251	1-216-845-11	METAL CHIP	100K	5%	1/10W	R810	1-216-864-11	SHORT CHIP	0		
R252	1-216-845-11	METAL CHIP	100K	5%	1/10W	R811	1-216-864-11	SHORT CHIP	0		
R253	1-216-845-11	METAL CHIP	100K	5%	1/10W	R812	1-216-864-11	SHORT CHIP	0		
R254	1-216-864-11	SHORT CHIP	0 (AUS)			R813	1-216-864-11	SHORT CHIP	0 (UK)		
R258	1-216-809-11	METAL CHIP	100	5%	1/10W	R814	1-216-864-11	SHORT CHIP	0 (UK)		
R259	1-216-821-11	METAL CHIP	1K	5%	1/10W (AUS)	R815	1-216-864-11	SHORT CHIP	0 (UK)		
R301	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R816	1-216-864-11	SHORT CHIP	0 (UK)		
R302	1-216-864-11	SHORT CHIP	0			R817	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R305	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R818	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R306	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R819	1-216-821-11	METAL CHIP	1K	5%	1/10W
R307	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R820	1-216-833-11	METAL CHIP	10K	5%	1/10W
R312	1-216-864-11	SHORT CHIP	0			R821	1-216-864-11	SHORT CHIP	0		
R314	1-216-864-11	SHORT CHIP	0 (AUS)			R822	1-216-864-11	SHORT CHIP	0		
R315	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R823	1-216-864-11	SHORT CHIP	0		
R316	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R824	1-216-864-11	SHORT CHIP	0		
R319	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R825	1-216-864-11	SHORT CHIP	0		
R321	1-216-833-11	METAL CHIP	10K	5%	1/10W	R826	1-216-864-11	SHORT CHIP	0		
R322	1-216-833-11	METAL CHIP	10K	5%	1/10W	R827	1-216-864-11	SHORT CHIP	0		
R351	1-216-833-11	METAL CHIP	10K	5%	1/10W	R828	1-216-864-11	SHORT CHIP	0		
R352	1-216-833-11	METAL CHIP	10K	5%	1/10W	R829	1-216-821-11	METAL CHIP	1K	5%	1/10W
R353	1-216-833-11	METAL CHIP	10K	5%	1/10W	R830	1-216-833-11	METAL CHIP	10K	5%	1/10W
R701	1-216-841-11	METAL CHIP	47K	5%	1/10W	R831	1-216-833-11	METAL CHIP	10K	5%	1/10W
R702	1-216-821-11	METAL CHIP	1K	5%	1/10W (AUS)	R832	1-216-821-11	METAL CHIP	1K	5%	1/10W
R702	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (RU, E51, MX, AR)	R833	1-216-833-11	METAL CHIP	10K	5%	1/10W
R703	1-216-817-11	METAL CHIP	470	5%	1/10W (AUS)	R834	1-216-833-11	METAL CHIP	10K	5%	1/10W
R703	1-216-864-11	SHORT CHIP	0 (RU, E51, MX, AR)			R835	1-216-845-11	METAL CHIP	100K	5%	1/10W
R704	1-216-809-11	METAL CHIP	100	5%	1/10W (RU)	R836	1-216-821-11	METAL CHIP	1K	5%	1/10W
R704	1-216-821-11	METAL CHIP	1K	5%	1/10W (AEP, UK, E51, MX, AR)	R837	1-216-821-11	METAL CHIP	1K	5%	1/10W
R704	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (AUS)	R838	1-216-821-11	METAL CHIP	1K	5%	1/10W
R705	1-216-805-11	METAL CHIP	47	5%	1/10W (RU)	R839	1-216-809-11	METAL CHIP	100	5%	1/10W (AEP, UK)
R705	1-216-864-11	SHORT CHIP	0 (EXCEPT RU)			R840	1-216-833-11	METAL CHIP	10K	5%	1/10W
R706	1-216-821-11	METAL CHIP	1K	5%	1/10W	R841	1-216-849-11	METAL CHIP	220K	5%	1/10W
R707	1-216-833-11	METAL CHIP	10K	5%	1/10W	R842	1-216-864-11	SHORT CHIP	0		
R708	1-216-853-11	METAL CHIP	470K	5%	1/10W	R843	1-216-864-11	SHORT CHIP	0		
R709	1-216-833-11	METAL CHIP	10K	5%	1/10W	R844	1-216-833-11	METAL CHIP	10K	5%	1/10W
R710	1-216-833-11	METAL CHIP	10K	5%	1/10W	R845	1-216-809-11	METAL CHIP	100	5%	1/10W (AEP, UK)
R711	1-216-833-11	METAL CHIP	10K	5%	1/10W	R846	1-216-833-11	METAL CHIP	10K	5%	1/10W (EXCEPT AEP, UK)
R712	1-216-821-11	METAL CHIP	1K	5%	1/10W	R847	1-216-841-11	METAL CHIP	47K	5%	1/10W
R713	1-216-833-11	METAL CHIP	10K	5%	1/10W	R848	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R849	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R850	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R851	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R852	1-216-821-11	METAL CHIP	1K	5%	1/10W

NAS-E35HD/SS-CE35HD

MAIN	MOTOR	POWER
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Ref. No.	Part No.	Description	Remark
R853	1-216-821-11	METAL CHIP 1K 5%	1/10W
R854	1-216-821-11	METAL CHIP 1K 5%	1/10W
R855	1-216-821-11	METAL CHIP 1K 5%	1/10W
R856	1-216-809-11	METAL CHIP 100 5%	1/10W
R857	1-216-809-11	METAL CHIP 100 5%	1/10W
R858	1-216-809-11	METAL CHIP 100 5%	1/10W
R859	1-216-821-11	METAL CHIP 1K 5%	1/10W
R860	1-216-833-11	METAL CHIP 10K 5%	1/10W
R861	1-216-821-11	METAL CHIP 1K 5%	1/10W
R862	1-216-821-11	METAL CHIP 1K 5%	1/10W
R863	1-216-821-11	METAL CHIP 1K 5%	1/10W
R864	1-216-833-11	METAL CHIP 10K 5%	1/10W
R865	1-216-833-11	METAL CHIP 10K 5%	1/10W
R866	1-216-821-11	METAL CHIP 1K 5%	1/10W
R867	1-216-821-11	METAL CHIP 1K 5%	1/10W
R868	1-216-821-11	METAL CHIP 1K 5%	1/10W
R869	1-216-833-11	METAL CHIP 10K 5%	1/10W
R870	1-216-833-11	METAL CHIP 10K 5%	1/10W
R871	1-216-821-11	METAL CHIP 1K 5%	1/10W
R872	1-216-821-11	METAL CHIP 1K 5%	1/10W
R873	1-216-833-11	METAL CHIP 10K 5%	1/10W
R874	1-216-833-11	METAL CHIP 10K 5%	1/10W
R875	1-216-833-11	METAL CHIP 10K 5%	1/10W
R876	1-216-833-11	METAL CHIP 10K 5%	1/10W
R877	1-216-833-11	METAL CHIP 10K 5%	1/10W (EXCEPT AEP, UK)
R878	1-216-809-11	METAL CHIP 100 5%	1/10W
R879	1-216-833-11	METAL CHIP 10K 5%	1/10W
R880	1-216-821-11	METAL CHIP 1K 5%	1/10W
R881	1-216-833-11	METAL CHIP 10K 5%	1/10W
R882	1-216-821-11	METAL CHIP 1K 5%	1/10W
R883	1-216-821-11	METAL CHIP 1K 5%	1/10W
R884	1-216-821-11	METAL CHIP 1K 5%	1/10W
R885	1-216-821-11	METAL CHIP 1K 5%	1/10W
R886	1-216-821-11	METAL CHIP 1K 5%	1/10W
R887	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R888	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R889	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R890	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R891	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R892	1-216-830-11	METAL CHIP 5.6K 5%	1/10W
R893	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R894	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R895	1-216-821-11	METAL CHIP 1K 5%	1/10W
R896	1-216-821-11	METAL CHIP 1K 5%	1/10W
R897	1-216-821-11	METAL CHIP 1K 5%	1/10W
R898	1-216-833-11	METAL CHIP 10K 5%	1/10W
R899	1-216-841-11	METAL CHIP 47K 5%	1/10W
R981	1-216-821-11	METAL CHIP 1K 5%	1/10W
< VIBRATOR >			
X801	1-814-067-11	OSCILLATOR, CRYSTAL (32.768kHz)	
X802	1-814-062-21	VIBRATOR, CERAMIC (5MHz)	

MOTOR BOARD			

< CONNECTOR >			
CN001	1-779-542-21	CONNECTOR, FFC (LIF (NON-ZIF)) 5P	

Ref. No.	Part No.	Description	Remark
< SWITCH >			
S001	1-786-514-21	SWITCH, LEVER (SLIDE) (CD TRAY OPEN.CLOSE DETECT)	

A-1498-601-A		POWER BOARD, COMPLETE (EXCEPT MX, E51)	
A-1547-194-A		POWER BOARD, COMPLETE (MX)	
A-1550-939-A		POWER BOARD, COMPLETE (E51)	

< CAPACITOR >			
△ C01	1-165-529-11	MYLAR 0.22uF 10	275V
△ C02	1-165-528-11	MYLAR 0.1uF 10	275V
△ C03	1-119-886-51	CERAMIC 470PF 10%	250V
△ C04	1-119-886-51	CERAMIC 470PF 10%	250V
△ C05	1-114-113-31	ELECT 270uF 20%	250V (E51, MX)
△ C05	1-114-384-31	ELECT 150uF 20%	400V (EXCEPT MX, E51)
△ C06	1-114-113-31	ELECT 270uF 20%	250V (E51, MX)
△ C07	1-126-964-91	ELECT 10uF 20%	50V
△ C08	1-162-966-91	CERAMIC CHIP 0.0022uF 10%	50V
△ C10	1-164-004-91	CERAMIC CHIP 0.1uF 10%	25V
△ C11	1-100-399-11	FILM 33000PF 3%	1KV
△ C12	1-117-699-51	CERAMIC 0.001uF	250V
△ C13	1-126-950-91	ELECT 330uF 20%	35V
△ C14	1-107-824-81	CERAMIC 220PF 5%	1KV
△ C15	1-107-824-81	CERAMIC 220PF 5%	1KV
△ C16	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
△ C17	1-162-970-91	CERAMIC CHIP 0.01uF 10%	25V
△ C18	1-163-275-91	CERAMIC CHIP 0.001uF 5%	50V
△ C19	1-126-964-91	ELECT 10uF 20%	50V
△ C20	1-126-963-91	ELECT 4.7uF 20%	50V
△ C21	1-115-339-91	CERAMIC CHIP 0.1uF 10%	50V
△ C22	1-162-964-91	CERAMIC CHIP 0.001uF 10%	50V
△ C23	1-162-970-91	CERAMIC CHIP 0.01uF 10%	25V
△ C24	1-126-947-91	ELECT 47uF 20%	35V
△ C25	1-115-340-91	CERAMIC CHIP 0.22uF 10%	25V
C903	1-137-649-31	ELECT 220uF 20%	10V
C904	1-165-722-11	ELECT 100uF 20%	10V
C907	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C908	1-128-955-11	ELECT 2200uF 20%	25V
C909	1-112-231-11	ELECT 2200uF 20%	16V
C910	1-165-722-11	ELECT 100uF 20%	10V
C911	1-127-715-11	CERAMIC CHIP 0.22uF 10%	16V
C912	1-107-726-91	CERAMIC CHIP 0.01uF 10%	16V
C915	1-126-964-11	ELECT 10uF 20%	50V
C917	1-137-980-91	CERAMIC CHIP 0.47uF 10%	50V
C918	1-137-980-91	CERAMIC CHIP 0.47uF 10%	50V
C951	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C962	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C963	1-100-717-91	CERAMIC CHIP 1uF	16V
C966	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V
< CONNECTOR >			
CN01	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P	
CN901	1-815-446-11	PIN, CONNECTOR (PWB) 5P	
CN909	1-815-450-11	PIN, CONNECTOR (PWB) 9P	
CNP902	1-784-766-11	CONNECTOR, FFC 5P	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< DIODE >		△ R04	1-219-759-22	METAL 1M 5%	1/2W F (E51)
△ D01	8-719-077-77	DIODE D3SB60F3		△ R05	1-249-401-81	CARBON 47 5%	1/4W F
△ D02	8-719-081-58	DIODE S2V60-TA (E51, MX)		△ R06	1-216-845-91	METAL CHIP 100K 5%	1/10W
△ D03	8-719-081-58	DIODE S2V60-TA (E51, MX)		△ R07	1-216-853-91	METAL CHIP 470K 5%	1/10W
△ D04	8-719-073-23	DIODE ST02D-200TA		△ R08	1-216-833-91	METAL CHIP 10K 5%	1/10W
△ D06	6-500-567-31	DIODE 10ERB20-TB3		△ R09	1-216-829-91	METAL CHIP 4.7K 5%	1/10W
△ D09	6-500-137-01	DIODE BAT54HT1		△ R12	1-249-381-81	CARBON 1 5%	1/4W F
△ D10	6-501-178-01	DIODE UDWZ-TE17-15B		△ R13	1-243-661-71	METAL 0.1 5%	2W F
△ D11	8-719-979-64	DIODE UF4005/23		△ R14	1-216-833-91	METAL CHIP 10K 5%	1/10W
△ D12	6-501-178-01	DIODE UDWZ-TE17-15B		△ R15	1-216-833-91	METAL CHIP 10K 5%	1/10W
△ D13	6-500-567-31	DIODE 10ERB20-TB3		△ R16	1-216-797-91	METAL CHIP 10 5%	1/10W
D901	6-500-567-31	DIODE 10ERB20-TB3		△ R17	1-216-797-91	METAL CHIP 10 5%	1/10W
D902	6-501-518-01	DIODE RB085T-90		△ R20	1-245-502-31	METAL 4.7M 2%	1/4W F
D903	8-719-082-75	DIODE FCH08A10		△ R21	1-245-502-31	METAL 4.7M 2%	1/4W F
D904	8-719-048-52	DIODE MTZJ-T-77-20D		△ R22	1-218-907-91	METAL CHIP 330K 0.5%	1/10W
D907	8-719-071-26	DIODE HZU18B3TRF		△ R23	1-218-899-91	METAL CHIP 150K 0.5%	1/16W
D923	6-500-567-31	DIODE 10ERB20-TB3		△ R24	1-216-821-91	METAL CHIP 1K 5%	1/10W
		< GROUND TERMINAL >		△ R26	1-218-911-91	METAL CHIP 470K 0.5%	1/10W
* EB02	1-537-738-21	TERMINAL, EARTH		△ R27	1-218-881-91	METAL CHIP 27K 0.5%	1/10W
		< FUSE >		△ R28	1-218-887-91	METAL CHIP 47K 0.5%	1/10W
△ F01	1-576-232-51	FUSE (T5AL/250V)		△ R29	1-216-864-91	SHORT CHIP 0	
		< FERRITE BEAD/JUMPER RESISTOR >		△ R30	1-211-989-91	METAL CHIP 68 0.5%	1/10W
△ FB01	1-410-397-31	FERRITE 1.1uH		△ R31	1-218-823-91	METAL CHIP 100 0.5%	1/10W
FB901	1-216-864-11	SHORT CHIP 0		△ R32	1-249-417-81	CARBON 1K 5%	1/4W F
		< FUSE HOLDER >		△ R33	1-247-694-91	CARBON 33 5%	1/4W F
△ FH01	1-533-217-41	FUSE HOLDER		△ R34	1-216-821-91	METAL CHIP 1K 5%	1/10W
△ FH02	1-533-217-41	FUSE HOLDER		R313	1-216-821-11	METAL CHIP 1K 5%	1/10W
		< IC >		R901	1-218-863-11	METAL CHIP 4.7K 0.5%	1/10W
△ IC01	6-708-726-01	IC MIP2F20MS1SO		R902	1-218-879-11	METAL CHIP 22K 0.5%	1/10W
△ IC02	6-707-749-01	IC CXD9841P		R903	1-216-821-11	METAL CHIP 1K 5%	1/10W
△ IC901	6-705-280-01	IC FAN431AZXA		R904	1-216-817-11	METAL CHIP 470 5%	1/10W
		< COIL >		R905	1-216-805-11	METAL CHIP 47 5%	1/10W
L901	1-412-525-31	INDUCTOR 10uH		R906	1-218-887-11	METAL CHIP 47K 0.5%	1/10W
		< PHOTO COUPLER >		R907	1-216-817-11	METAL CHIP 470 5%	1/10W
△ PC01	6-600-187-01	PHOTO COUPLER PC123Y22JOOF		R908	1-216-821-11	METAL CHIP 1K 5%	1/10W
△ PC03	6-600-187-01	PHOTO COUPLER PC123Y22JOOF		R909	1-216-845-11	METAL CHIP 100K 5%	1/10W
△ PC04	6-600-187-01	PHOTO COUPLER PC123Y22JOOF		R910	1-216-841-11	METAL CHIP 47K 5%	1/10W
		< TRANSISTOR >		R911	1-216-833-11	METAL CHIP 10K 5%	1/10W
△ Q01	6-551-302-11	FET 2SK3561		R912	1-216-833-11	METAL CHIP 10K 5%	1/10W
△ Q02	6-551-302-11	FET 2SK3561		R913	1-216-817-11	METAL CHIP 470 5%	1/10W
△ Q03	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R914	1-216-833-11	METAL CHIP 10K 5%	1/10W
Q901	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R915	1-216-821-11	METAL CHIP 1K 5%	1/10W
Q902	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R919	1-216-821-11	METAL CHIP 1K 5%	1/10W
Q903	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF		R968	1-216-845-11	METAL CHIP 100K 5%	1/10W
Q908	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R969	1-216-833-11	METAL CHIP 10K 5%	1/10W
		< RESISTOR >				< SWITCH >	
△ R01	1-219-512-91	METAL 2.2M 5%	1/2W F	△ S1	1-762-753-11	SWITCH, VOLTAGE SELECTION (VOLTAGE SELECTOR) (E51)	
△ R03	1-219-759-22	METAL 1M 5%	1/2W F (E51)			< COIL/TRANSFORMER >	
				△ T01	1-457-125-21	COIL, LINE FILTER (E51, MX)	
				△ T01	1-457-326-21	COIL, LINE FILTER (EXCEPT MX, E51)	
				△ T02	1-443-942-11	TRANSFORMER, DC-DC CONVERTER	
				△ T03	1-445-313-11	CONVERTER TRANSFORMER	
						< THERMISTOR >	
				△ TH01	1-802-075-11	THERMISTOR, NTC (EXCEPT MX, E51)	
				△ TH01	1-805-901-11	THERMISTOR, NTC (E51, MX)	

NAS-E35HD/SS-CE35HD

POWER	SP TERMINAL	USB JACK	USB MICOM
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Ref. No.	Part No.	Description	Remark
△ TH02	1-805-901-11	THERMISTOR, NTC (E51, MX)	
< VARISTOR >			
△ VR01	1-805-481-21	VARISTOR (MX)	
△ VR01	1-805-482-11	VARISTOR (EXCEPT MX)	
△ VR002	1-802-094-21	VARISTOR (E51)	
△ VR003	1-802-094-21	VARISTOR (E51)	

SP TERMINAL BOARD

< CAPACITOR >

C125	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V (AUS)
C126	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (AUS)
C168	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C169	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C225	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V (AUS)
C226	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (AUS)
C268	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C269	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C316	1-164-156-11	CERAMIC CHIP	0.1uF		25V (AUS)

< CONNECTOR >

CN306	1-815-445-11	PIN, CONNECTOR (PWB) 4P	
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< DIODE >

D303	6-500-848-01	DIODE MC2840-T112-1 (AUS)	
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< JUMPER RESISTOR >

FB110	1-216-864-11	SHORT CHIP	0 (AUS)
FB210	1-216-864-11	SHORT CHIP	0 (AUS)
FB310	1-216-864-11	SHORT CHIP	0 (AUS)

< JACK >

J303	1-780-639-11	TERMINAL BOARD (SPEAKER) 2P (SPEAKER)	
J304	1-778-940-11	JACK 2P (AUDIO OUT) (AUS)	

USB JACK BOARD

< CAPACITOR >

C851	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C852	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C855	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C856	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

< DIODE >

D851	6-500-848-01	DIODE MC2840-T112-1	
D852	6-500-848-01	DIODE MC2840-T112-1	
D853	6-500-848-01	DIODE MC2840-T112-1	
D854	6-500-848-01	DIODE MC2840-T112-1	

< EARTH TERMINAL >

* EP851	1-537-738-21	TERMINAL, EARTH	
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< JUMPER RESISTOR >

FB851	1-216-864-11	SHORT CHIP	0
FB852	1-216-864-11	SHORT CHIP	0

Ref. No.	Part No.	Description	Remark
< JACK >			

J852	1-794-548-21	CONNECTOR, USB (A) (USB)	
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< JUMPER RESISTOR >

R873	1-216-864-11	SHORT CHIP	0
R875	1-216-864-11	SHORT CHIP	0

USB MICOM BOARD

< CAPACITOR >

C1	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C4	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C5	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C7	1-128-995-21	ELECT CHIP	100uF	20%	10V
C8	1-128-995-21	ELECT CHIP	100uF	20%	10V
C9	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C10	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C11	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V

C12	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C13	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C14	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C15	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C16	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V

C17	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C18	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C19	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C20	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C21	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V

C22	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C23	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C24	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C25	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C26	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V

C27	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C28	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C29	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C30	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C31	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V

C32	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C33	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C34	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C35	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C36	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V

C37	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C38	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C39	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C40	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C41	1-128-995-21	ELECT CHIP	100uF	20%	10V

C42	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C43	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C44	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C45	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C46	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V

C47	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C48	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C49	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C50	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C114	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C51	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C115	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C52	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C116	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C53	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C117	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C54	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C118	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C55	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C119	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C56	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C120	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C57	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C121	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C58	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C123	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C59	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C124	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C60	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C125	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C61	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C126	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C62	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C127	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C63	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C128	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C64	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C129	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V
C65	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C130	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V
C66	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	C131	1-164-845-11	CERAMIC CHIP	5PF	0.25PF	50V
C67	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	C132	1-164-845-11	CERAMIC CHIP	5PF	0.25PF	50V
C68	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	C133	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V
C69	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	C136	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C70	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C138	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C71	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C139	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C72	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C140	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C73	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C141	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C74	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C142	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C75	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C144	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C76	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C145	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C77	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C146	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C78	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	C147	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C79	1-128-995-21	ELECT CHIP	100uF	20%	10V	C149	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C80	1-128-995-21	ELECT CHIP	100uF	20%	10V	C150	1-114-214-81	CERAMIC CHIP	470PF	5%	50V
C81	1-128-995-21	ELECT CHIP	100uF	20%	10V	C151	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C82	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C158	1-128-995-21	ELECT CHIP	100uF	20%	10V
C83	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C159	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C84	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C160	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C85	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C161	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C86	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C162	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C87	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V	C163	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C88	1-164-858-11	CERAMIC CHIP	22PF	5%	50V	C164	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C89	1-164-858-11	CERAMIC CHIP	22PF	5%	50V	< CONNECTOR >					
C90	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	CN2	1-784-857-51	CONNECTOR, FFC (LIF (NON-ZIF))	5P		
C93	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	CN3	1-784-869-51	CONNECTOR, FFC (LIF (NON-ZIF))	17P		
C96	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	CN6	1-774-731-21	PIN, CONNECTOR (PC BOARD)	5P		
C97	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	CN7	1-774-730-21	PIN, CONNECTOR (PC BOARD)	3P		
C98	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	CN8	1-821-796-11	CONNECTOR, SATA SMT (7P)			
C99	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	< DIODE >					
C100	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	D1	6-501-817-01	DIODE MA2J1110GLS0			
C101	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	D2	6-501-579-01	DIODE MC2837			
C102	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	< JUMPER RESISTOR/FERRITE BEAD >					
C103	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	FB1	1-216-295-91	SHORT CHIP	0		
C104	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	FB2	1-216-295-91	SHORT CHIP	0		
C105	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	FB3	1-469-324-21	FERRITE, EMI (SMD) (2012)			
C106	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	FB4	1-469-324-21	FERRITE, EMI (SMD) (2012)			
C107	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	FB5	1-216-295-91	SHORT CHIP	0		
C108	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	FB6	1-216-295-91	SHORT CHIP	0		
C109	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	FB7	1-216-295-91	SHORT CHIP	0		
C110	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	FB8	1-216-295-91	SHORT CHIP	0		
C111	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V						
C112	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V						
C113	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V						

NAS-E35HD/SS-CE35HD

USB MICOM

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
FB9	1-216-295-91	SHORT CHIP	0				R41	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	
		< IC >					R42	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	
IC1	(Not supplied)	IC MX29LV160CTTI-70G-E35HD-03					R43	1-218-941-81	RES-CHIP	100	5%	1/16W	
IC2	6-711-829-01	IC D708E001BRFP266					R44	1-218-990-81	SHORT CHIP	0			
IC3	6-711-928-01	IC W9812G6GH-75-ER10					R46	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	
IC4	6-710-038-01	IC S1R72005F00A300					R47	1-218-941-81	RES-CHIP	100	5%	1/16W	
IC5	(Not supplied)	IC TPS74801RGWR					R48	1-218-990-81	SHORT CHIP	0			
							R49	1-218-990-81	SHORT CHIP	0			
IC6	6-709-584-01	IC MM1663DHBE					R50	1-218-990-81	SHORT CHIP	0			
IC7	8-759-669-42	IC SN74LVC138APWR-12					R51	1-218-990-81	SHORT CHIP	0			
IC8	6-710-963-01	IC S-1132B25-U5T1G					R53	1-218-941-81	RES-CHIP	100	5%	1/16W	
IC9	6-712-182-01	IC JM20339-LGCA0C					R54	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	
IC10	8-759-591-61	IC TC7WHU04FU (TE12R)					R55	1-218-990-81	SHORT CHIP	0			
IC11	6-713-125-01	IC DIR9001S1PWRG4					R56	1-218-941-81	RES-CHIP	100	5%	1/16W	
* IC12	6-709-229-01	IC AK4554VT-8-E2					R57	1-218-941-81	RES-CHIP	100	5%	1/16W	
IC13	(Not supplied)	IC USB2512-AEZG					R58	1-218-941-81	RES-CHIP	100	5%	1/16W	
IC14	6-710-624-01	IC TPS2051BDRG4					R59	1-218-941-81	RES-CHIP	100	5%	1/16W	
		< JUMPER RESISTOR >					R60	1-218-941-81	RES-CHIP	100	5%	1/16W	
JR4	1-218-990-81	SHORT CHIP	0				R61	1-218-941-81	RES-CHIP	100	5%	1/16W	
JR7	1-218-990-81	SHORT CHIP	0				R62	1-218-990-81	SHORT CHIP	0			
		< RESISTOR >					R63	1-218-990-81	SHORT CHIP	0			
R085	1-218-961-11	RES-CHIP	4.7K	5%	1/16W		R64	1-218-941-81	RES-CHIP	100	5%	1/16W	
R1	1-218-989-11	RES-CHIP	1M	5%	1/16W		R65	1-218-941-81	RES-CHIP	100	5%	1/16W	
R2	1-218-965-11	RES-CHIP	10K	5%	1/16W		R66	1-218-941-81	RES-CHIP	100	5%	1/16W	
R3	1-218-961-11	RES-CHIP	4.7K	5%	1/16W		R67	1-218-990-81	SHORT CHIP	0			
R4	1-218-990-81	SHORT CHIP	0				R68	1-218-990-81	SHORT CHIP	0			
R5	1-218-953-11	RES-CHIP	1K	5%	1/16W		R69	1-218-937-11	RES-CHIP	47	5%	1/16W	
R6	1-218-965-11	RES-CHIP	10K	5%	1/16W		R71	1-218-990-81	SHORT CHIP	0			
R7	1-218-965-11	RES-CHIP	10K	5%	1/16W		R72	1-218-937-11	RES-CHIP	47	5%	1/16W	
R8	1-218-965-11	RES-CHIP	10K	5%	1/16W		R73	1-218-941-81	RES-CHIP	100	5%	1/16W	
R9	1-218-990-81	SHORT CHIP	0				R74	1-218-990-81	SHORT CHIP	0			
R10	1-218-961-11	RES-CHIP	4.7K	5%	1/16W		R75	1-218-990-81	SHORT CHIP	0			
R11	1-218-989-11	RES-CHIP	1M	5%	1/16W		R76	1-218-990-81	SHORT CHIP	0			
R12	1-218-989-11	RES-CHIP	1M	5%	1/16W		R77	1-218-933-11	RES-CHIP	22	5%	1/16W	
R15	1-218-953-11	RES-CHIP	1K	5%	1/16W		R78	1-218-933-11	RES-CHIP	22	5%	1/16W	
R16	1-218-990-81	SHORT CHIP	0				R79	1-218-937-11	RES-CHIP	47	5%	1/16W	
R17	1-218-973-11	RES-CHIP	47K	5%	1/16W		R80	1-218-941-81	RES-CHIP	100	5%	1/16W	
R19	1-218-977-11	RES-CHIP	100K	5%	1/16W		R82	1-218-941-81	RES-CHIP	100	5%	1/16W	
R20	1-218-977-11	RES-CHIP	100K	5%	1/16W		R83	1-218-990-81	SHORT CHIP	0			
R21	1-218-977-11	RES-CHIP	100K	5%	1/16W		R86	1-218-953-11	RES-CHIP	1K	5%	1/16W	
R22	1-218-977-11	RES-CHIP	100K	5%	1/16W		R88	1-218-941-81	RES-CHIP	100	5%	1/16W	
R23	1-218-977-11	RES-CHIP	100K	5%	1/16W		R89	1-218-990-81	SHORT CHIP	0			
R24	1-218-965-11	RES-CHIP	10K	5%	1/16W		R90	1-218-941-81	RES-CHIP	100	5%	1/16W	
R25	1-218-953-11	RES-CHIP	1K	5%	1/16W		R93	1-218-990-81	SHORT CHIP	0			
R26	1-218-990-81	SHORT CHIP	0				R94	1-218-990-81	SHORT CHIP	0			
R27	1-218-990-81	SHORT CHIP	0				R95	1-218-990-81	SHORT CHIP	0			
R28	1-218-990-81	SHORT CHIP	0				R96	1-218-990-81	SHORT CHIP	0			
R29	1-218-990-81	SHORT CHIP	0				R98	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	
R30	1-218-990-81	SHORT CHIP	0				R99	1-218-990-81	SHORT CHIP	0			
R31	1-218-990-81	SHORT CHIP	0				R100	1-218-990-81	SHORT CHIP	0			
R32	1-218-990-81	SHORT CHIP	0				R102	1-218-990-81	SHORT CHIP	0			
R33	1-218-990-81	SHORT CHIP	0				R103	1-218-990-81	SHORT CHIP	0			
R35	1-218-989-11	RES-CHIP	1M	5%	1/16W		R104	1-218-990-81	SHORT CHIP	0			
R36	1-218-941-81	RES-CHIP	100	5%	1/16W		R105	1-218-990-81	SHORT CHIP	0			
R37	1-218-990-81	SHORT CHIP	0				R107	1-218-941-81	RES-CHIP	100	5%	1/16W	
R38	1-218-990-81	SHORT CHIP	0				R108	1-218-941-81	RES-CHIP	100	5%	1/16W	
R39	1-218-990-81	SHORT CHIP	0				R109	1-218-941-81	RES-CHIP	100	5%	1/16W	
R40	1-218-937-11	RES-CHIP	47	5%	1/16W		R110	1-218-941-81	RES-CHIP	100	5%	1/16W	
							R116	1-218-941-81	RES-CHIP	100	5%	1/16W	
							R117	1-218-990-81	SHORT CHIP	0			

Note: IC1, IC5 and IC13 on the USB MICOM board cannot exchange with single. When IC1, IC5 and IC13 on the USB MICOM board are damaged, exchange the entire mounted board.

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark
R118	1-218-990-81	SHORT CHIP	0			151	1-400-932-11	FILTER, CLAMP	
R119	1-218-990-81	SHORT CHIP	0			152	1-965-828-11	HARNESS	
R120	1-218-937-11	RES-CHIP	47	5%	1/16W	155	A-1554-741-A	HDD ASSY (GENERAL) (AEP, UK, RU, AUS)	
R121	1-218-937-11	RES-CHIP	47	5%	1/16W	155	A-1554-742-A	HDD ASSY (LATIN) (E51, MX)	
R122	1-218-965-11	RES-CHIP	10K	5%	1/16W	156	1-835-449-21	CABLE, FLEXIBLE FLAT (17 CORE)	
R123	1-218-990-81	SHORT CHIP	0			157	1-832-537-21	CABLE, FLEXIBLE FLAT (5 CORE)	
R124	1-218-965-11	RES-CHIP	10K	5%	1/16W	201	1-832-808-21	CABLE, FLEXIBLE FLAT (7 CORE)	
R125	1-218-965-11	RES-CHIP	10K	5%	1/16W	204	1-965-872-11	HARNESS	
R126	1-218-965-11	RES-CHIP	10K	5%	1/16W	206	1-831-930-21	CABLE, FLEXIBLE FLAT (11 CORE)	
R127	1-218-965-11	RES-CHIP	10K	5%	1/16W	209	1-832-569-21	CABLE, FLEXIBLE FLAT (11 CORE)	
R128	1-218-965-11	RES-CHIP	10K	5%	1/16W	210	1-832-820-21	CABLE, FLEXIBLE FLAT (9 CORE)	
R129	1-218-965-11	RES-CHIP	10K	5%	1/16W			(RU, E51, MX, AUS)	
R130	1-218-965-11	RES-CHIP	10K	5%	1/16W	210	1-832-830-21	CABLE, FLEXIBLE FLAT (11 CORE) (AEP, UK)	
R131	1-218-965-11	RES-CHIP	10K	5%	1/16W	△ 212	1-769-744-81	CORD, POWER (UK)	
R132	1-218-965-11	RES-CHIP	10K	5%	1/16W	△ 212	1-834-966-21	CORD, POWER (AEP, RU, E51)	
R133	1-218-965-11	RES-CHIP	10K	5%	1/16W	△ 212	1-834-967-21	CORD, POWER (AUS)	
R135	1-218-965-11	RES-CHIP	10K	5%	1/16W	△ 212	1-835-080-11	CORD, POWER (MX)	
R136	1-218-965-11	RES-CHIP	10K	5%	1/16W	213	1-693-738-11	TUNER (FM/AM) (AEP, UK)	
						213	1-693-765-11	TUNER (FM/AM) (E51, MX, AUS)	
R137	1-218-941-81	RES-CHIP	100	5%	1/16W				
R138	1-218-941-81	RES-CHIP	100	5%	1/16W	213	1-693-767-11	TUNER (FM/AM) (RU)	
R139	1-218-941-81	RES-CHIP	100	5%	1/16W	214	1-500-868-11	CORE, FERRITE	
R140	1-218-965-11	RES-CHIP	10K	5%	1/16W	216	1-400-932-11	FILTER, CLAMP	
R142	1-218-953-11	RES-CHIP	1K	5%	1/16W	251	A-1242-967-A	LOADING (BK) ASSY	
R143	1-218-990-81	SHORT CHIP	0			△ 301	8-820-272-02	OPTICAL PICK-UP BLOCK KSM215DHAP/C2NP	
R144	1-218-965-11	RES-CHIP	10K	5%	1/16W	302	1-832-404-21	CABLE, FLEXIBLE FLAT (16 CORE)	
R145	1-218-965-11	RES-CHIP	10K	5%	1/16W	351	A-1508-681-A	SYSTEM (L) ASSY (Lch) (AEP, UK, RU, AUS)	
R150	1-218-965-11	RES-CHIP	10K	5%	1/16W			(SS-CE35HD)	
R151	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	351	A-1508-706-A	SYSTEM (L) ASSY (Lch) (E51, MX) (SS-CE35HD)	
R152	1-218-941-81	RES-CHIP	100	5%	1/16W	351	A-1508-682-A	SYSTEM (R) ASSY (Rch) (AEP, UK, RU, AUS)	
R153	1-218-961-11	RES-CHIP	4.7K	5%	1/16W			(SS-CE35HD)	
R154	1-218-941-81	RES-CHIP	100	5%	1/16W	351	A-1508-707-A	SYSTEM (R) ASSY (Rch) (E51, MX) (SS-CE35HD)	
R155	1-218-977-11	RES-CHIP	100K	5%	1/16W				
R157	1-218-990-81	SHORT CHIP	0			DAB601	1-480-340-41	MODULE (DAB TUNER) (UK)	
						J601	1-820-441-11	CONNECTOR, COAXIAL (F TYPE) (DAB 75Ω)	(UK)
< COMPOSITION CIRCUIT BLOCK >						M1	1-787-607-11	D.C. FAN (50 SQUARE)	
RB1	1-234-944-21	RES, NETWORK	47 (1005X4)						
RB2	1-234-944-21	RES, NETWORK	47 (1005X4)						
RB3	1-234-944-21	RES, NETWORK	47 (1005X4)						
RB4	1-234-944-21	RES, NETWORK	47 (1005X4)						
RB5	1-234-944-21	RES, NETWORK	47 (1005X4)						
RB6	1-234-944-21	RES, NETWORK	47 (1005X4)						
RB11	1-234-944-21	RES, NETWORK	47 (1005X4)						
RB12	1-234-944-21	RES, NETWORK	47 (1005X4)						
RB13	1-234-944-21	RES, NETWORK	47 (1005X4)						
< VIBRATOR >									
X1	1-767-654-21	VIBRATOR, CRYSTAL (12MHz)							
X2	1-767-286-11	VIBRATOR, CRYSTAL (22.5792MHz)							
X4	1-760-613-21	VIBRATOR, CRYSTAL (24MHz)							
X5	1-767-654-21	VIBRATOR, CRYSTAL (12MHz)							

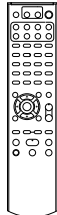
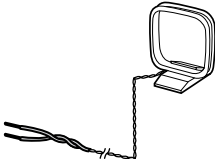
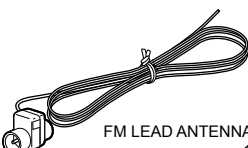
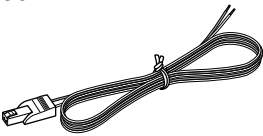
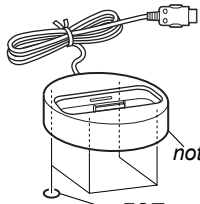
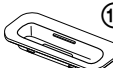
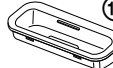
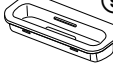
MISCELLANEOUS									

56	1-831-769-21	CABLE, FLEXIBLE FLAT (9 CORE)							
68	1-831-763-21	CABLE, FLEXIBLE FLAT (7 CORE)							
102	1-831-755-21	CABLE, FLEXIBLE FLAT (5 CORE)							
103	1-831-780-21	CABLE, FLEXIBLE FLAT (11 CORE)							
104	1-832-533-21	CABLE, FLEXIBLE FLAT (5 CORE)							
106	1-835-450-21	CABLE, FLEXIBLE FLAT (19 CORE)							
107	1-832-795-21	CABLE, FLEXIBLE FLAT (5 CORE)							

NAS-E35HD/SS-CE35HD

Ref. No.	Part No.	Description	Remark
		ACCESSORIES	

⚠	1-569-008-22	ADAPTOR, CONVERSION 2P (E51)	
⚠	1-770-019-61	ADAPTOR, CONVERSION PLUG (UK)	
	3-292-247-11	MANUAL, INSTRUCTION (ENGLISH) (AEP, UK, E51, AUS, AR)	
	3-292-247-21	MANUAL, INSTRUCTION (FRENCH) (AEP)	
	3-292-247-31	MANUAL, INSTRUCTION (SPANISH) (AEP, E51, MX)	
	3-292-247-41	MANUAL, INSTRUCTION (GERMAN) (AEP)	
	3-292-247-51	MANUAL, INSTRUCTION (DUTCH) (AEP)	
	3-292-247-61	MANUAL, INSTRUCTION (ITALIAN) (AEP)	
	3-292-247-71	MANUAL, INSTRUCTION (SWEDISH) (AEP)	
	3-292-247-81	MANUAL, INSTRUCTION (POLISH) (AEP)	
	3-292-247-92	MANUAL, INSTRUCTION (RUSSIAN) (RU)	
	3-292-248-12	MANUAL, INSTRUCTION (UKRAINIAN) (RU)	
	3-876-236-11	MANUAL, INSTRUCTION (JAPANESE, ENGLISH, FRENCH, GERMAN, SPANISH, DUTCH, SWEDISH, ITALIAN, PORTUGUESE, GREEK, POLISH, RUSSIAN, UKRAINIAN, CZECH, TURKISH, HUNGARIAN, SLOVAKIAN, DANISH, FINNISH) (for iPod Dock Adapters) (AEP, UK)	
	3-876-237-12	MANUAL, INSTRUCTION (ENGLISH) (for TDM-iP10 (M)) (AEP, UK)	
	3-876-237-22	MANUAL, INSTRUCTION (FRENCH) (for TDM-iP10 (M)) (AEP)	
	3-876-237-32	MANUAL, INSTRUCTION (SPANISH) (for TDM-iP10 (M)) (AEP)	
	3-876-237-42	MANUAL, INSTRUCTION (GERMAN) (for TDM-iP10 (M)) (AEP)	
	3-876-237-52	MANUAL, INSTRUCTION (DUTCH) (for TDM-iP10 (M)) (AEP)	
	3-876-237-62	MANUAL, INSTRUCTION (ITALIAN) (for TDM-iP10 (M)) (AEP)	
	3-876-237-72	MANUAL, INSTRUCTION (SWEDISH) (for TDM-iP10 (M)) (AEP)	
	3-876-237-82	MANUAL, INSTRUCTION (POLISH) (for TDM-iP10 (M)) (AEP)	
501	1-480-774-11	COMMANDER, STANDARD (RM-SHD35) (Remote control)	
502	1-754-102-41	ANTENNA, LOOP (LW.MW) (AM loop antenna)	
503	1-754-243-21	ANTENNA (FM lead antenna or DAB lead antenna)	
504	1-835-089-11	CORD WITH CONNECTOR (SPEAKER) (Speaker cords: 2 pieces, 1 set)	
505	2-159-896-01	CUSHION (FOOT) (Speaker pads: 8 pieces, 1 set) (E51, MX)	
506	A-1542-806-A	OVERALL ASSY (TDM-iP10 (M)) (including foot) (AEP, UK)	
507	3-277-581-01	FOOT (for TDM-iP10 (M)) (AEP, UK)	
508	A-1545-663-A	PACK ASSY, ADAPTER (iPod Dock Adapters: 5 pieces, 1 set) (for TDM-iP10 (M)) (AEP, UK)	

Ref. No.	Part No.	Description	Remark
501		 REMOTE CONTROL × 1	
502		 AM LOOP ANTENNA × 1	
503		One of the following two antennas is supplied.  FM LEAD ANTENNA × 1	
504		 SPEAKER CORDS × 2	
505		 SPEAKER PADS × 8 (E51, MX)	
506		 DIGITAL MEDIA PORT ADAPTOR × 1	
507		(AEP, UK)	
508		The adapter number ⑭, ⑬, ⑪, ⑩ or ⑨ is shown on bottom-rear of each Dock Adapter. When you use other iPod models, a compatible Dock Adapter from Apple Inc. will need to be purchased separately.  ⑭ For iPod touch (8 GB/16 GB)  ⑬ For iPod nano 3rd generation (video) (4 GB/8 GB)  ⑪ For iPod nano 2nd generation (aluminum) (2 GB/4 GB/8 GB)  ⑩ For iPod classic (160 GB) and iPod 5th generation (video) (60 GB/80 GB)  ⑨ For iPod classic (80 GB) and iPod 5th generation (video) (30 GB) (AEP, UK) IPOD DOCK ADAPTORS (1 SET) × 1	
Note: It doesn't separately supply Adapter respectively.			

MEMO

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.

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