

XDR-S10HDiP

SERVICE MANUAL

US Model

Ver. 1.0 2008.05



HD Radio Broadcasting was approved by the Federal Communications Commission in October 2002 as the system for digital AM and FM broadcasting in the U.S.

HD Radio technology features include:

- Static-free, clear radio reception.
- FM Multicasting – the ability to broadcast multiple program streams over a single FM frequency.
- A variety of “data services,” including text-based information – artist name, song title, etc. scrolled across your receiver display.
- Digital broadcasts in the same frequencies as analog broadcasts; listeners do not need to learn a new station number and today’s stations remain at their current place on the dial.

HD Radio technology is developed and licensed by iBiquity Digital Corporation and supported by the leaders of the broadcasting, consumer electronics and automotive industries.

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SPECIFICATIONS

Time display

12-hour system

Frequency range

| Band | Frequency | Channel step |
|------|-----------------|--------------|
| FM | 87.5 – 108 MHz | 0.1 MHz |
| AM | 530 – 1 710 kHz | 10 kHz |

Speaker

Approx. 6.6 cm (2 5/8 inches) dia. 8 Ω

Input

AUDIO IN jack (ø 3.5 mm stereo minijack)

Antenna terminal

75 Ω antenna terminal for FM

Antenna terminal for AM

Audio power specifications

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

With 8-ohm loads, both channels driven from 150-10,000 kHz; rated 3W per channel-minimum RMS, with no more than 10% total harmonic distortion.

Power output

4 W + 4 W (maximum power)

Power requirements

120 V AC, 60 Hz

Dimensions

Approx. 330 × 130 × 135 mm (w/h/d)

(13 × 5 1/8 × 5 3/8 inches) not incl. projecting parts and controls

Mass

Approx. 3.1 kg (6 lb 13.3 oz) incl. power supply unit

Supplied accessories

- Remote commander (1)
- FM wire antenna (1)
- FM dipole antenna (1)
- AM loop antenna (1)
- Audio connecting cable (1)
- Universal dock adapter for iPhone (1)
- Connector cover (1)

Design and specifications are subject to change without notice.

FM/AM DIGITAL RADIO

9-889-162-01

2008E04-1

SONY®

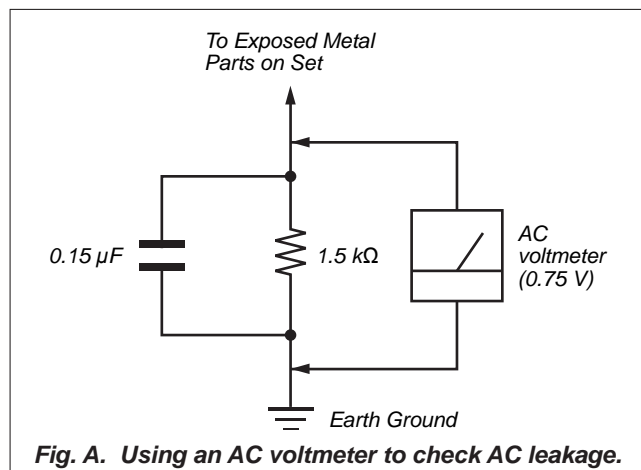
SAFETY CHECK-OUT

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

LEAKAGE TEST

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

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



SERVICE NOTES

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.

UNLEADED SOLDER

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

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

LF : LEAD FREE MARK

Unleaded solder has the following characteristics.

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

SAFETY-RELATED COMPONET WARNING!

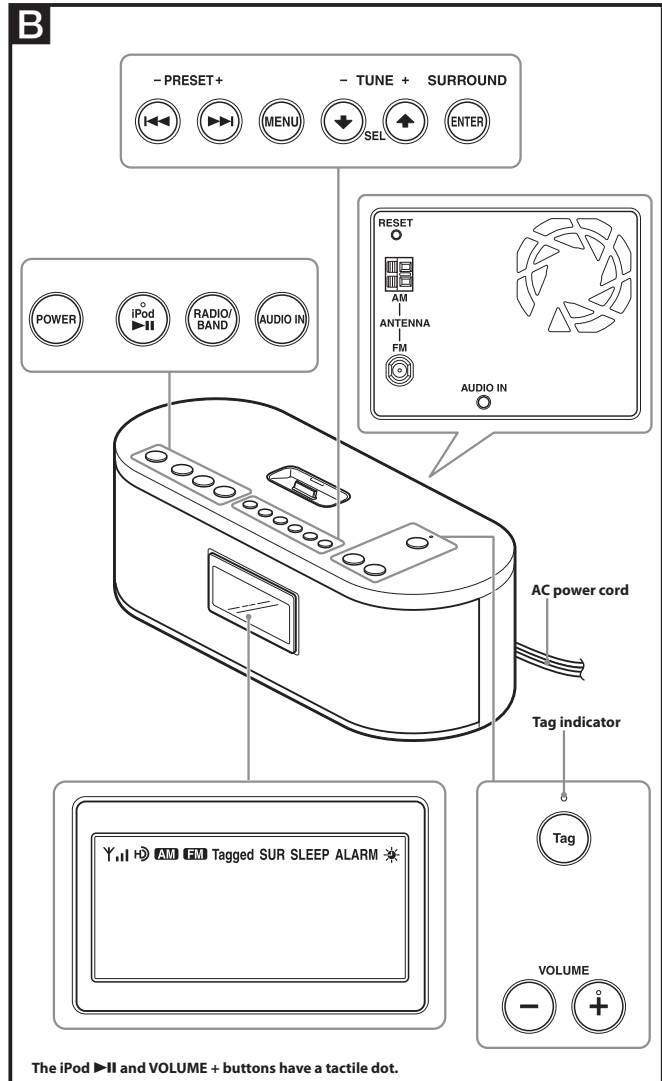
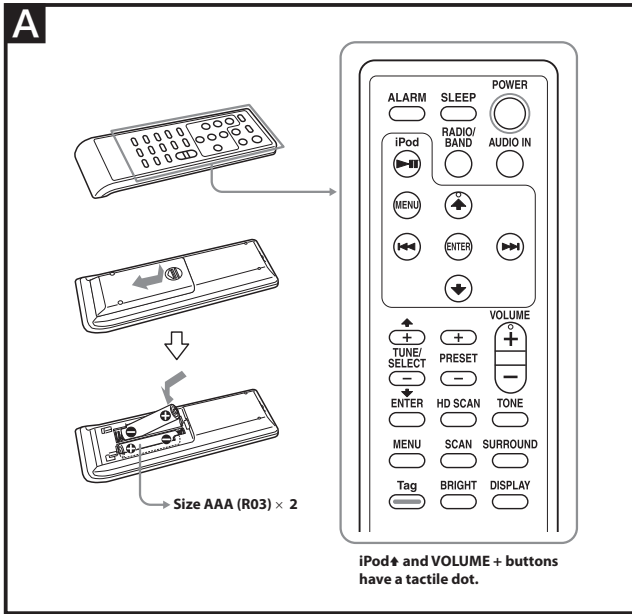
COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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SECTION 1
GENERAL

This section is extracted from instruction manual.



Preparing the remote commander

Installing the batteries into the remote commander (See Fig. A)

Insert two size AAA (R03) batteries (not supplied).

When to replace the batteries

With normal use, the batteries should last for about six months. When the remote commander no longer operates the unit, replace all the batteries with new ones.

Notes

- Do not charge dry batteries.
- When you are not going to use the remote commander for a long time, remove the batteries to avoid any damage caused by leakage and corrosion.

Using the remote commander

Common buttons that appear on both the remote commander and the unit control the same functions.

ALARM button

Press to set the alarm to "ON" or "OFF". Press and hold for 2 seconds to enter "ALARM TIME SET"

TONE button

To set the tone directly.

HD SCAN button

The selected band is scanned, and receivable HD Radio stations are played for 3 seconds in order of frequency.

SCAN button

The selected band is scanned, and receivable radio stations are played for 3 seconds in order of frequency.

BRIGHT button

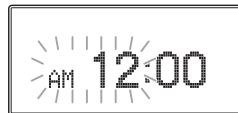
To adjust the brightness of the display.

Setting the clock

- 1 Plug in the unit. The display will flash "AM 12:00."
- 2 Press **MENU** to show the menu display.



- 3 Press **SEL** or **+** to select "TIME SET," then press **ENTER**. The hour will start to flash in the display.



- 4 Press **SEL** or **+** until current hour appears in the display, then press **ENTER**. The hour is set and the minutes start to flash.
- 5 Repeat step 4 to set the minute.

Note

If you do not set the menu within 65 seconds, the setting mode is canceled.

To change the display to the daylight saving time (summer time) indication

- 1 Press **MENU** to show the menu display.
- 2 Press **SEL** or **+** to select "DST," then press **ENTER**.
- 3 Press **SEL** or **+** to select "ON," then press **ENTER**. "*" appears and the time indication changes to summer time.

To deactivate the DST function, select "OFF" in step 3.

Playing the radio

-Manual tuning

- 1 Press **RADIO/BAND** to turn on the radio and select the AM or FM band.
- 2 Press **TUNE +** or **-** to tune in to a desired frequency.
- 3 Adjust the volume using **VOLUME +** or **-**.

-Preset tuning

You can preset 20 stations each for AM and FM.

Presetting a station

- 1 Follow steps 1 and 2 in "Manual tuning" to tune the frequency you wish to preset.
- 2 Press and hold **ENTER** for a few seconds. The display changes as follows:



The next preset number from the most recent preset is displayed (but if the last preset number was 20, 20 is displayed).

- 3 Press **PRESET +** or **-** to select the preset number, then press **ENTER**. The frequency is stored with the selected preset number and you will hear a beep.

To preset another station, repeat these steps.

Note

If you try to store another station with the same preset number, the previously stored station will be replaced.

Tuning in to a station

- 1 Press **RADIO/BAND** to turn on the radio and select the AM or FM band.
- 2 Press **PRESET +** or **-** to select the desired preset number.
- 3 Adjust the volume using **VOLUME +** or **-**.

-Scan tuning

The unit will automatically scan the selected band. In HD scan, HD Radio stations are scanned.

- 1 Press **RADIO/BAND** to turn on the radio and select the AM or FM band.
- 2 Press **MENU** to show the menu display.
- 3 Press **SEL ↑** or **↓** to select "SCAN" or "HD SCAN," then press **ENTER**. Scanning of the selected band starts. When a station is received, scanning pauses for 3 seconds and then continues.
- 4 When the unit tunes in to the desired station, do any of the following operations to stop scanning.
 - Press **ENTER** on the unit or remote commander.
 - Press **SCAN** or **HD SCAN** on the remote commander.
- 5 If necessary, press **TUNE +** or **-** to tune in to the station more precisely.
- 6 Adjust the volume using **VOLUME +** or **-**.

Tip

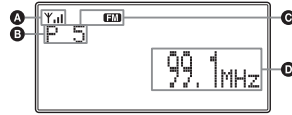
You can scan for stations directly by pressing **SCAN** or **HD SCAN** on the remote commander.

Changing the display mode and settings

To change the display mode

Press **DISPLAY** on the remote commander. The display changes as follows:

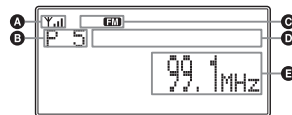
When an analog radio station is received



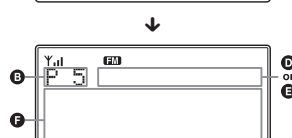
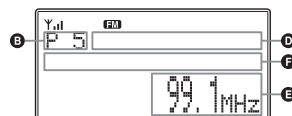
- A Field strength level indicator
- B Preset number*
- C Band
- D Frequency
- E Current time

* When you tune in a station by selecting a preset number.

When an analog FM broadcast that supports RBDS (Radio Broadcast Data System) is received



When text information is received



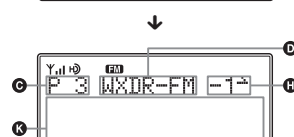
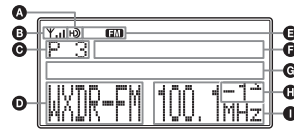
- A Field strength level indicator
- B Preset number*
- C Band
- D Station name
Name of station currently tuned in.
- E Frequency
- F Text information
Text information transmitted from station.
- G Current time

* When you tune in a station by selecting a preset number.

Note

The display item differs depending on the content of a broadcast or the station.

When an HD Radio station is received



| A HD indicator | Reception status |
|----------------|--------------------------------------|
| Stays lit | Strong HD signal, digital reception* |
| Flashes | Weak HD signal, analog reception |
| Not displayed | No HD signal, analog reception |

* The HD indicator flashes momentarily at first, and then stays lit.

- B Field strength level indicator
- C Preset number*
- D Current station's call letters
- E Band
- F Station name and information
- G Title/Artist name
- H Sub channel (FM only)
Appears when the HD Radio station broadcasts multiple programs. Press **TUNE +** or **-** to select a sub channel.
- I Frequency
- J Current time
- K Text information

* When you tune in a station by selecting a preset number

Note

The display item differs depending on the content of a broadcast or the station.

To change the display settings (BRIGHTNESS/CONTRAST)

- 1 Press **MENU** to show the menu display.
- 2 Press **SEL ↑** or **↓** to select "BRIGHTNESS" or "CONTRAST," then press **ENTER**.
- 3 Press **SEL ↑** or **↓** to select the setting or to adjust the level, then press **ENTER**.

BRIGHTNESS:

The brightness of the display is selected from "HIGH," "MIDDLE" or "LOW."

CONTRAST:

The contrast of the display can be adjusted by 11 levels.

Note

If you do not set the menu within 10 seconds, the setting mode is completed.

Tip

You can adjust "BRIGHTNESS" directly by pressing **BRIGHT** on the remote commander.

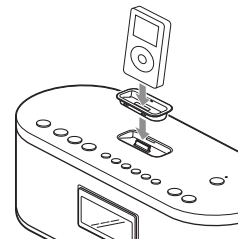
Playing an iPod

You can enjoy iPod audio by connecting to this unit. To use an iPod, refer to the user's guide of your iPod.

Notes

- The connector of the unit is exclusively for use with iPod. When you use the device that does not match the connector, connect it to the AUDIO IN terminal of this unit with the supplied audio connecting cable.
- Sony cannot accept responsibility in the event that data recorded on an iPod is lost or damaged when using an iPod connected to this unit.
- For details of environmental conditions for operating your iPod, check the website of Apple Inc.

- 1 Attach the Apple iPod Universal Dock Adapter (not supplied) to your iPod and insert into the connector of the unit. If you are using an iPhone, attach the supplied universal dock adapter for iPhone before inserting into the connector.



- 2 Press **iPod ▶||**. The iPod begins to play automatically. You can operate the connected iPod by this unit or the iPod buttons.
- 3 Adjust the volume using **VOLUME +** or **-**.

| To | Press |
|---|---|
| Turn off the iPod | POWER , or press and hold iPod ▶ |
| Pause playback | iPod ▶ To resume play, press it again. |
| Go to the next track | ▶▶ |
| Go back to the previous track | ◀◀ * |
| Locate a point while listening to the sound | ▶▶ (forward) or ◀◀ (backward) while playing and hold it until you find the point. |
| Locate a point while observing the display | ▶▶ (forward) or ◀◀ (backward) in pause and hold it until you find the point. |
| Go back to the previous menu | MENU ** |
| Select a menu item or a track for playback | ↑/↓ ** |
| Execute the selected menu or begin playback | ENTER ** |

* During playback, this operation goes back to the beginning of the current track. To go back to the previous track, press twice.

** These operations are available only when using the supplied remote commander.

Notes

- When inserting an iPod into the unit, be sure to use the universal dock adapter supplied with your iPod or commercially available from Apple Inc.
- When inserting an iPhone into the unit, be sure to use the universal dock adapter supplied with the unit or commercially available from Apple Inc.
- When placing or removing the iPod, handle the iPod in the same angle as that of the connector on this unit and do not twist or bend the iPod to prevent connector damage.
- Do not carry the unit with an iPod set on the connector. Doing so may cause a malfunction.
- When placing or removing the iPod, brace the unit with one hand and take care not to press the controls of the iPod by mistake.
- Before disconnecting the iPod, pause playback.

To use the unit as a battery charger

You can use the unit as a battery charger. The charging begins when the iPod is placed on the connector. The charging status appears in the iPod display. For details, see the user's guide of your iPod.

Note

Charging for connected iPod is not available when you are listening to the radio at volume level 25 or more.

On copyrights

- iPod is a trademark of Apple Inc., registered in the U.S. and other countries.
- iTunes is a registered trademark of Apple Inc.
- iPhone and iTunes Tagging are trademarks of Apple Inc.
- All other trademarks and registered trademarks are of their respective holders. In this manual, ™ and ® marks are not specified.

Using iTunes Tagging

You can save the name of a song which is broadcast on an HD Radio station to this unit with a few easy steps. After transferring the song information to the connected iPod using this unit, sync your iPod to your computer. These songs will show up in a "Tagged" playlist in iTunes, enabling easy preview or purchase of the songs.

For details about iTunes Tagging and the latest iTunes Tagging compatible models, check the iTunes website at - <http://www.apple.com/itunes/>

For the details on purchasing a song using the "Tagged" information, check the iTunes website at - <http://www.apple.com/support/itunes/>

To get song information

The Tag indicator lights up when song information is broadcast on an HD Radio station.

- 1 Press **Tag** while the Tag indicator lights. The Tag indicator starts blinking and the unit starts retrieving the song information. After getting the song information, the unit starts saving the data and "Tagged" appears in the display during the save. The Tag indicator goes off after the unit completes saving the song information. The Tag indicator lights up again at the beginning of the next song.

Notes

- If the song information is not included in the HD Radio station broadcast, the Tag indicator does not light up.
- It takes approx. 10 seconds maximum to retrieve song information.
- If the AC power cord is unplugged during song information retrieving, the information will disappear.
- If **Tag** is pressed right after the beginning of a song, the unit may retrieve the information of the previously broadcast song as well as the current song.
- If **Tag** is pressed right before the ending of a song, the unit may retrieve the information of the current song and the next broadcast song as well.
- The maximum number of tagged songs that you can save to this unit is 50. If you press **Tag** when 50 tagged songs are already saved, "Storage Full" appears in the display and retrieving of song information cannot be completed.

To transfer retrieved song information

You can transfer song information retrieved to an iPod using this unit. For details of compatible iPod models, see "Compatible iPod models."

- 1 Place your iPod into the connector of the unit.

The unit automatically starts transferring the saved song information, and "Tagged" appears in the display and starts blinking during the transfer.

If an iPod is inserted into the unit during tagged song retrieval, the unit immediately starts transferring the data to the iPod, after the data is saved.

Once the unit completes transferring tagged song information to the iPod, the saved data will be erased from the unit.

Notes

- Do not remove the iPod while "Tagged" is blinking in the display. The unit cannot transfer song information if the iPod is removed.
- If the connected iPod is not compatible for iTunes Tagging, song information will not be transferred even after this unit saves the data. The message "Tagging is not Supported by this iPod" appears in the display.
- If the connected iPod does not have enough free space in the memory, song information will not be transferred even after this unit saves the data. The message "iPod Full" appears in the display.

To delete unnecessary song information

You can delete unnecessary song information using this unit.

- 1 Press **MENU** to show the menu display.
- 2 Press **SEL** \uparrow or \downarrow to select "Tag DELETE," then press **ENTER**.

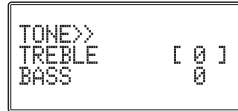
- 3 Select "Yes" or "No," then press **ENTER**.
Yes: Deletes all the retrieved data.
No: Cancels the delete operation and ends this delete menu.

Note

The song information once deleted cannot be restored.

Adjusting the tone

- 1 Press **POWER** to turn on the unit.
- 2 Press **MENU** to show the menu display.
- 3 Press **SEL** \uparrow or \downarrow to select "TONE," then press **ENTER** to show the setting display.



- 4 Press **SEL** \uparrow or \downarrow to adjust "TREBLE," then press **ENTER**.
- 5 Press **SEL** \uparrow or \downarrow to adjust "BASS," then press **ENTER**.

Tips

- The adjustable range of "TREBLE" and "BASS" is from -6 to +6.
- You can adjust "TONE" directly by pressing **TONE** on the remote commander.

Listening to surround sound

- 1 Press **SURROUND**. "SURROUND" appears in the display. Every time you press the button, the menu of "ON" or "OFF" appears in the display in turn. When the surround sound is on, "SUR" appears in the display.

Setting the alarm

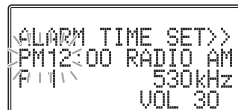
You can set the unit to turn on automatically at a preset time. The alarm can be set, even if the unit is off.

To adjust the hour and minute, see "Setting the clock"

To set the alarm time

- 1 Press **MENU** to show the menu display.
- 2 Press **SEL** \uparrow or \downarrow to select "ALARM TIME SET," then press **ENTER**. The hour sign starts flashing.

Example of display when unit is off



- 3 Press **SEL** \uparrow or \downarrow to set the hour, then press **ENTER**. The minute sign starts flashing.
- 4 Press **SEL** \uparrow or \downarrow to set the minutes, then press **ENTER**. The source sign starts flashing.
- 5 Press **SEL** \uparrow or \downarrow to select the source from "RADIO AM," "RADIO FM," "iPod," "AUDIO IN" or "BUZZER," then press **ENTER**. If you select "RADIO AM" or "RADIO FM," press **SEL** \uparrow or \downarrow to select the preset number, then press **ENTER**.
- 6 Press **SEL** \uparrow or \downarrow to set the volume, then press **ENTER**.

When using iPod touch/iPhone

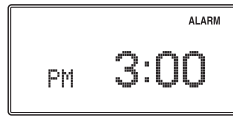
To use music stored in an iPod touch/iPhone to wake up, put the iPod touch/iPhone into the unit first, follow the steps above to set alarm time, and then select the desired music.

To set the alarm

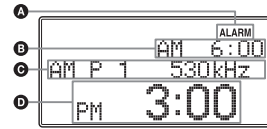
- 1 Press **MENU** to show the menu display.
- 2 Press **SEL** \uparrow or \downarrow to select "ALARM SET," then press **ENTER**.

- 3 **SEL** \uparrow or \downarrow to select "ON," then press **ENTER**. "ALARM" appears in the display.

Example of display when unit is off



If you press **DISPLAY** on the remote commander while the display above appears, the display changes to the following.



To return to the previous display, press **DISPLAY** on the remote commander again.

- A ALARM indicator
- B Alarm setting time
- C Alarm setting (Source, Frequency, etc.)
- D Current time

To deactivate the alarm function, **SEL** \uparrow or \downarrow to select "OFF" in step 3.

To stop the alarm

Press **POWER** on the unit or remote commander.

Tips

- To enter "ALARM TIME SET" mode directly, press and hold **ALARM** on the remote commander for 2 seconds.
 - You can activate or deactivate the alarm function directly by pressing **ALARM** on the remote commander.
- Notes**
- If you do not set the menu within 10 seconds, the setting mode is canceled.
 - If you do not operate the unit for 60 minutes after the alarm sounds, the power is turned off.
 - If you select "AUDIO IN" as source in "ALARM TIME SET," start playback on the external equipment. You cannot control the external equipment from this unit.
 - If you select "iPod" without connecting an iPod to this unit, the alarm source will switch to "BUZZER" automatically.
 - Make sure the iPod is installed correctly after setting the iPod alarm.

Notes on using iPod touch/iPhone

- If you set the iPod alarm while iPod touch/iPhone music is playing, and then turn the unit power off, when the alarm time comes on, the alarm music will resume from the point where the power was turned off.
- Even if the iPod alarm setting is complete, if you turn the iPod touch/iPhone power off before the unit, the alarm source will switch to "BUZZER" automatically.

Setting the sleep timer

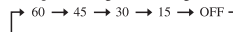
You can enjoy falling asleep to the radio using the built-in sleep timer that turns off the radio automatically after a preset duration.

- 1 Press **SLEEP** on the remote commander. "SLEEP" and the digits for the sleep timer duration appear.



If you press **SLEEP** on the remote commander while the unit is turned off, the unit is turned on.

- 2 Press **SLEEP** on the remote commander repeatedly to select the desired sleep timer setting. Each press changes the setting time as follows:



A beep sounds when the display returns to "SLEEP 60". After about 4 seconds, "SLEEP" lights in the display when the duration time is set.

The unit automatically turns off when the duration time is passed.

To change the sleep timer setting

You can press **SLEEP** on the remote commander repeatedly to select the desired sleep timer setting even after the sleep timer has been activated.

To deactivate the sleep timer

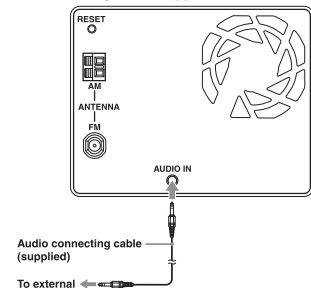
Press **POWER** to turn off the unit before the setting time has elapsed, or press **SLEEP** on the remote commander repeatedly to set the sleep timer to "SLEEP OFF" in step 2.

Note

These operations are available only when using the remote commander.

Listening to external equipment

- 1 Connect the AUDIO IN jack of the unit to the line out jack or headphone jack of the external equipment using the audio connecting cable (supplied).



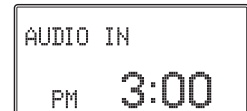
- 2 Press **AUDIO IN** to turn on the unit. "AUDIO IN" appears in the display.



- 3 Play the equipment connected to the AUDIO IN jack.
- 4 Adjust the volume using **VOLUME +** or **-**.

Tip

To display the current time, press **DISPLAY** on the remote commander.



To return to the radio

Press **RADIO/BAND**.

The band (AM or FM) is shown in the display.

Notes

- Refer also to the connected equipment's manual.
- The supplied audio connecting cable may not be used with some external equipment. In this case, use a cord suitable for the external equipment you are using.
- When you listen to the radio with external equipment connected, turn off the connected equipment to prevent noise. If noise occurs, even when the equipment is turned off, disconnect and place the external equipment away from the unit.

Resetting the unit

The **RESET** button is located on the rear of the unit.

Press this button with a pointed object if the radio fails to function properly. The clock settings and stations you have preset, etc., will revert to the factory preset.

Note

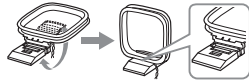
The song information stored in this unit will not be erased by pressing the **RESET** button.

Connecting the antenna

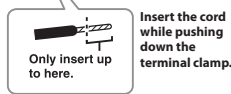
To connect the AM loop antenna

The shape and the length of the antenna is designed to receive AM signals. Do not dismantle or roll up the antenna.

- 1 Remove only the loop part from the plastic stand.
- 2 Set up the AM loop antenna.



- 3 Connect the cords to the AM antenna terminals.
Cord (A) or cord (B) can be connected to either terminal.



- 4 Make sure the AM loop antenna is connected firmly by pulling softly.

Adjusting the AM loop antenna

Find a place and an orientation that provide good reception.

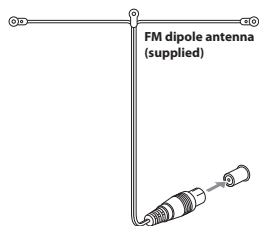
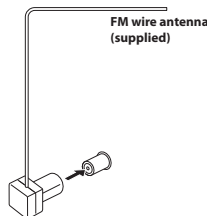
- Do not place the AM loop antenna near the unit or other AV equipment, as noise may result.

Tip

Adjust the direction of the AM loop antenna for best AM broadcast sound.

To connect the FM antenna

This unit comes supplied with an FM wire antenna and FM dipole antenna. Connect whichever antenna that provides the best reception to the FM antenna terminal.



Adjusting the FM wire antenna

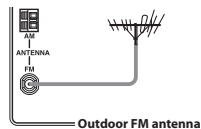
Be sure to fully extend the FM wire antenna, and keep it as horizontal and vertical as possible.

Adjusting the FM dipole antenna

Be sure to fully extend the FM dipole antenna. Align the antenna in the shape of a T and place in a high position on a wall away from this unit.

Tip

If you have poor FM reception, use a 75 Ω coaxial cable (not supplied) to connect the unit to an outdoor FM antenna as shown below.



Notes on radio reception

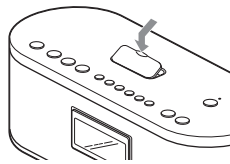
- Keep away digital music player or mobile phone from the AM loop antenna or the FM antenna, as this may lead to interference of reception.
- When you are listening to the radio with an iPhone connected to the unit, interference with radio reception may occur.
- When you are listening to the radio while charging an iPod, interference with radio reception may occur.

Using the connector cover

To protect the connector of the unit from dust or dirt, you can put the connector cover on.

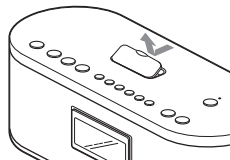
Attaching the connector cover

Match both claws of the connector cover with the pits inside of the connector and press the other side down until it clicks.



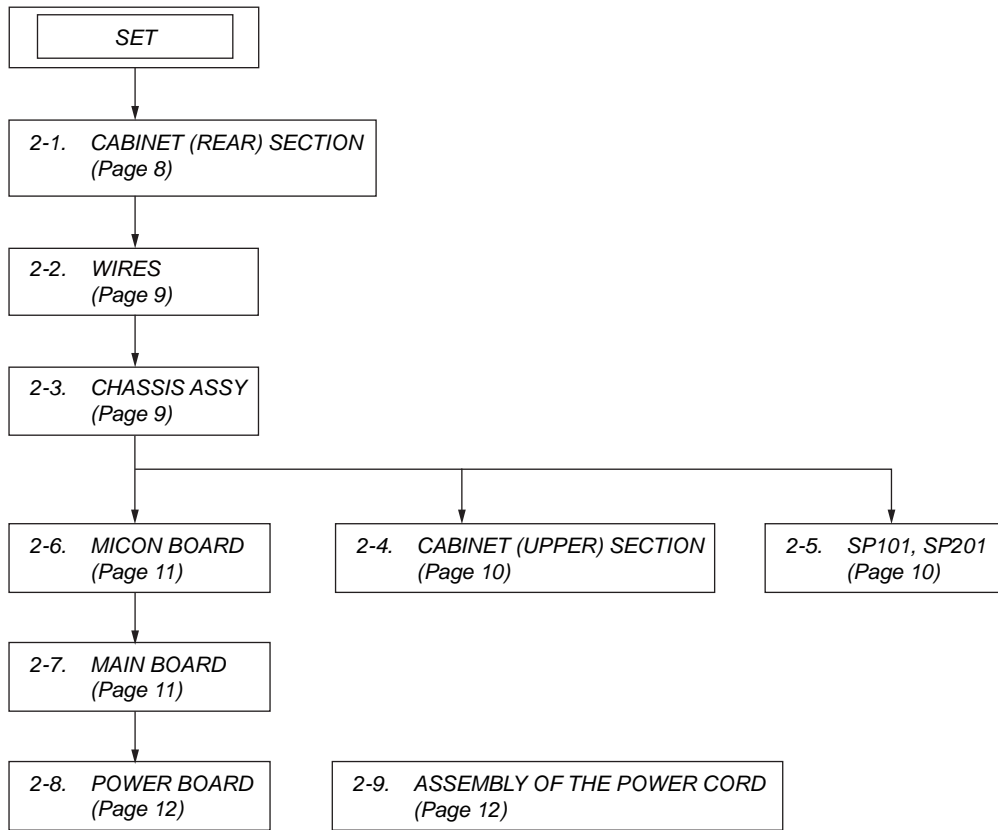
Removing the connector cover

Pull up the tab of the connector cover using your finger.



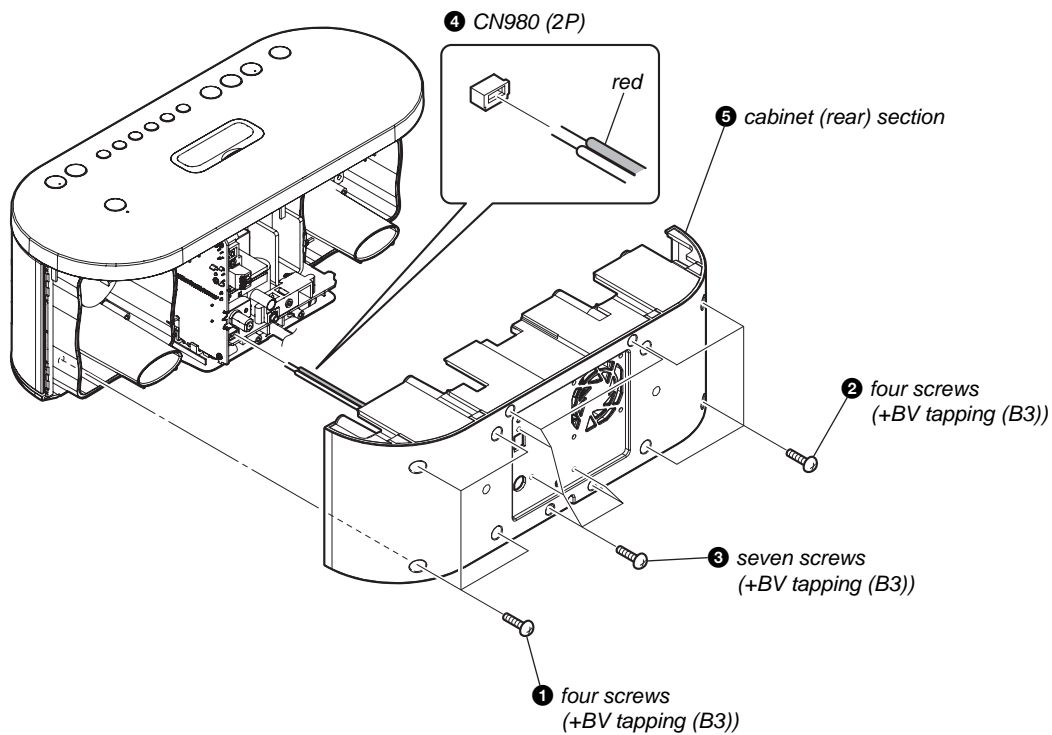
SECTION 2 DISASSEMBLY

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

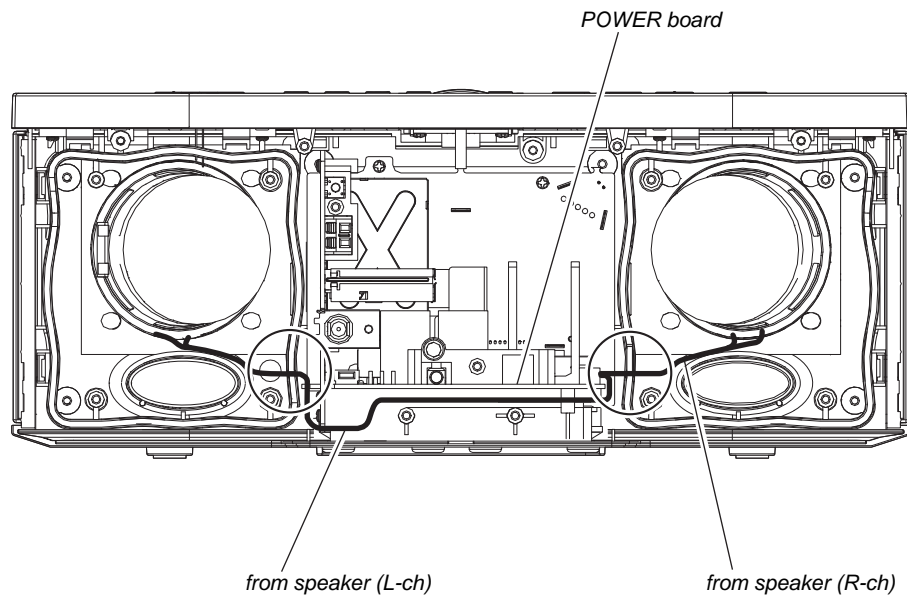


Note: Follow the disassembly procedure in the numerical order given.

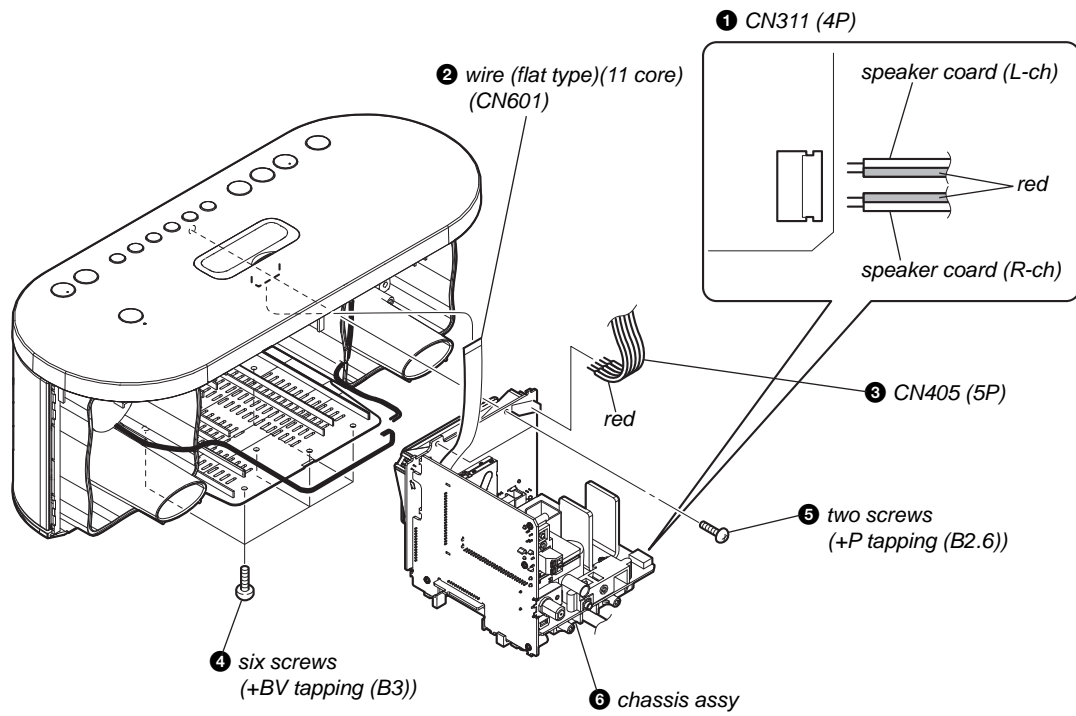
2-1. CABINET (REAR) SECTION



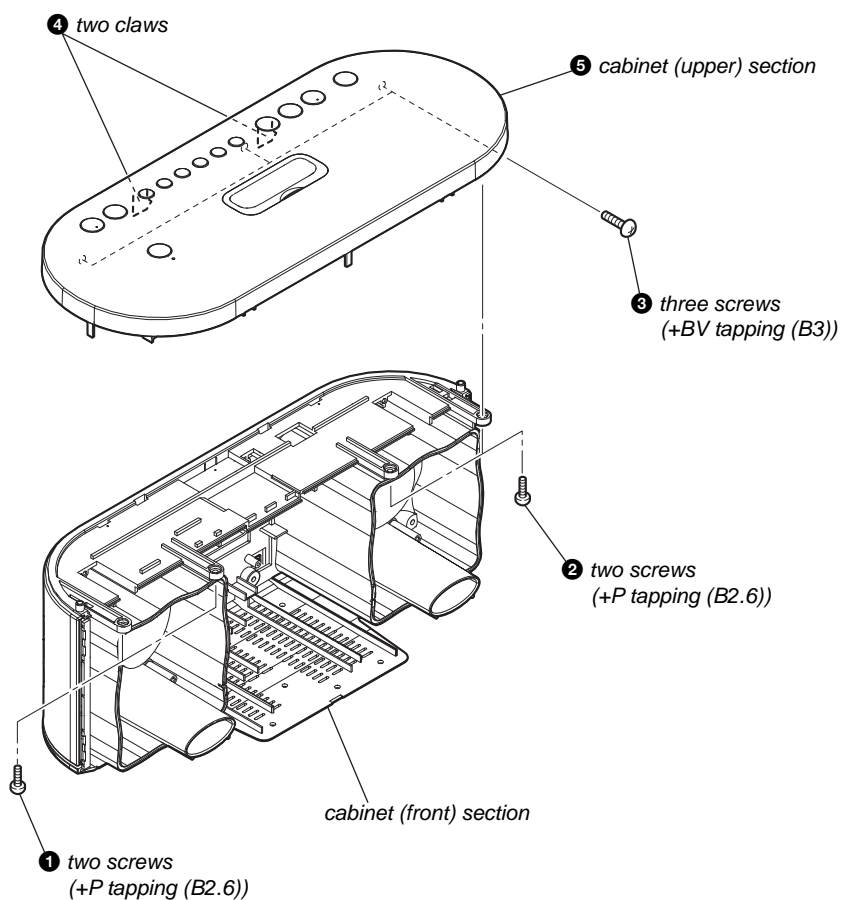
2-2. WIRES



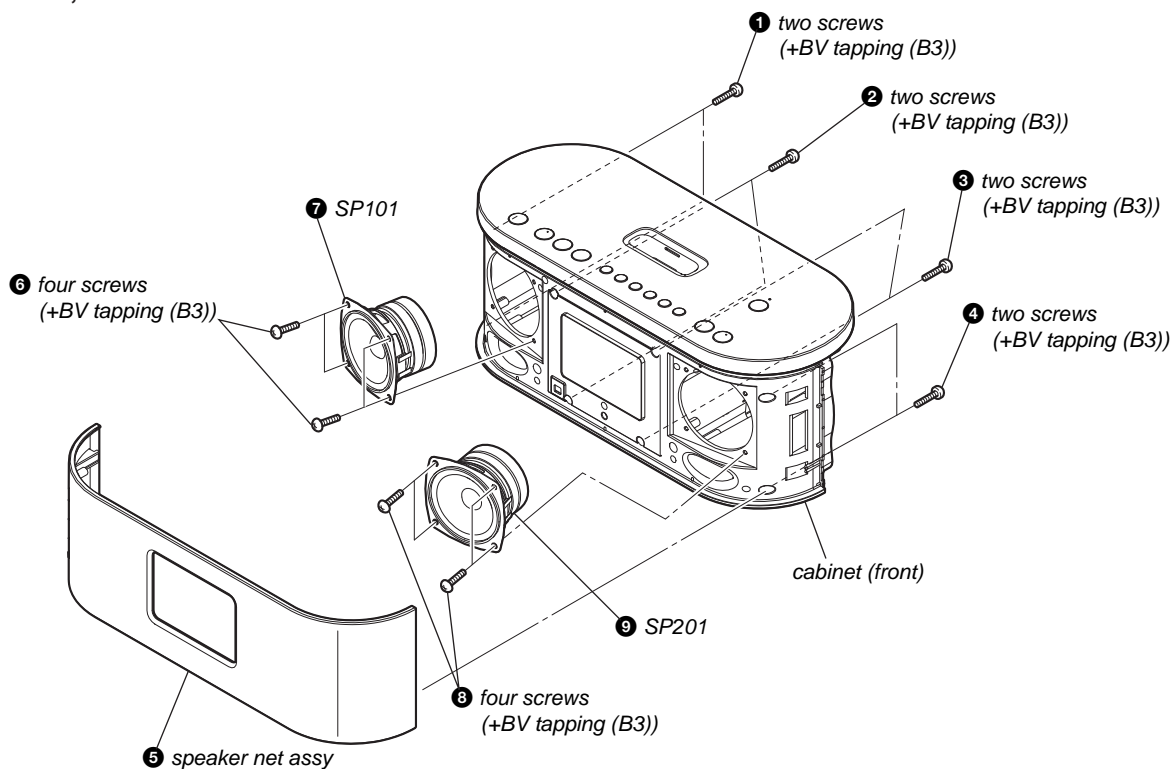
2-3. CHASSIS ASSY



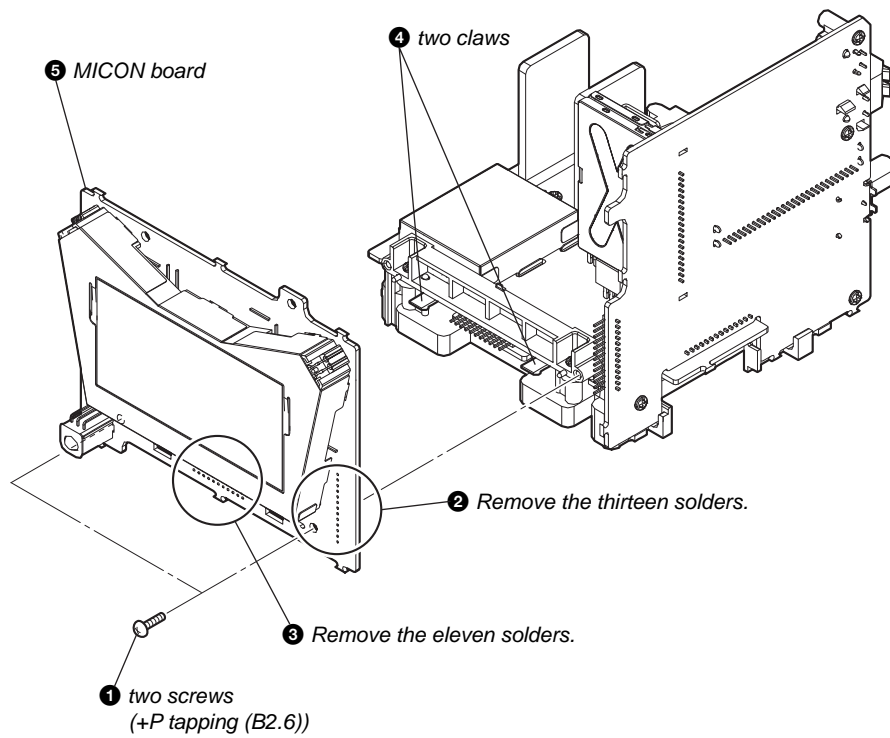
2-4. CABINET (UPPER) SECTION



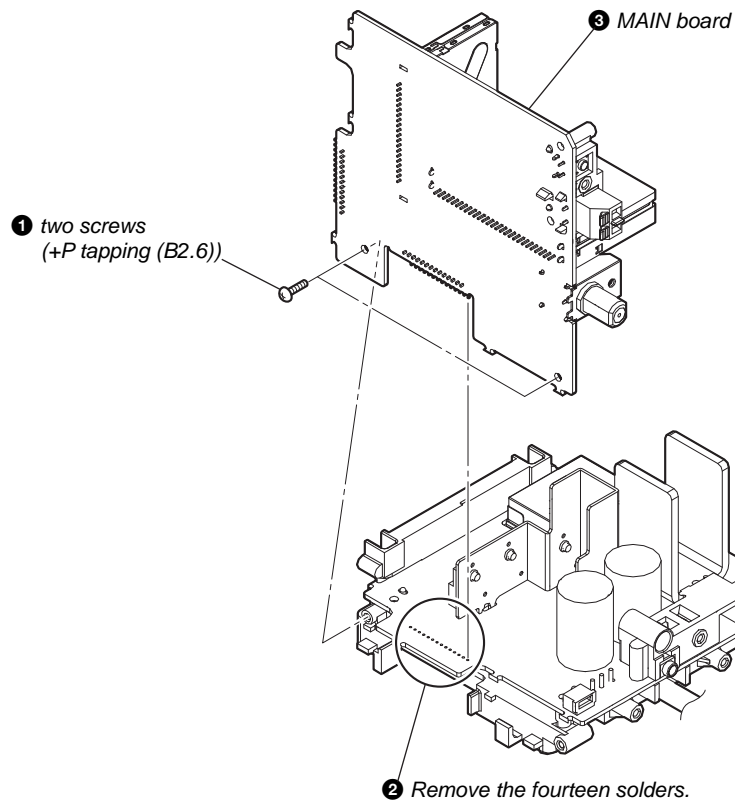
2-5. SP101, SP201



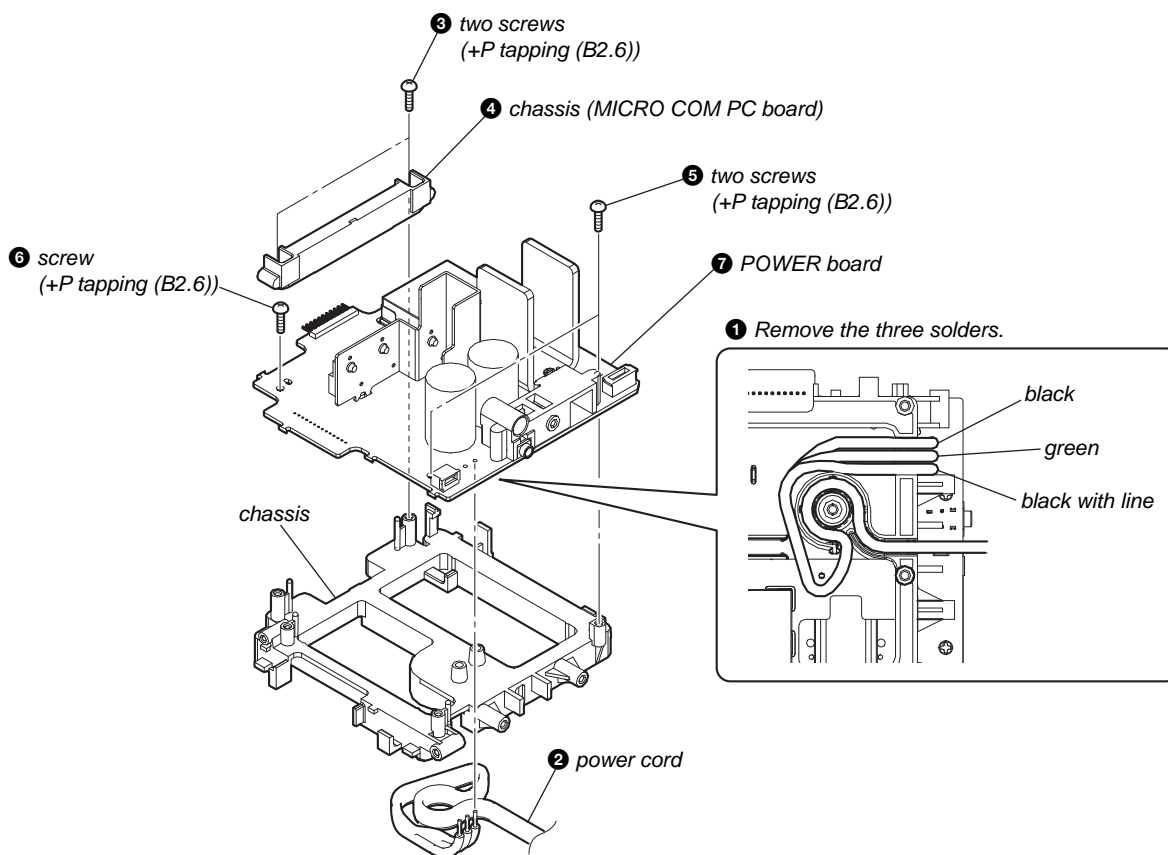
2-6. MICON BOARD



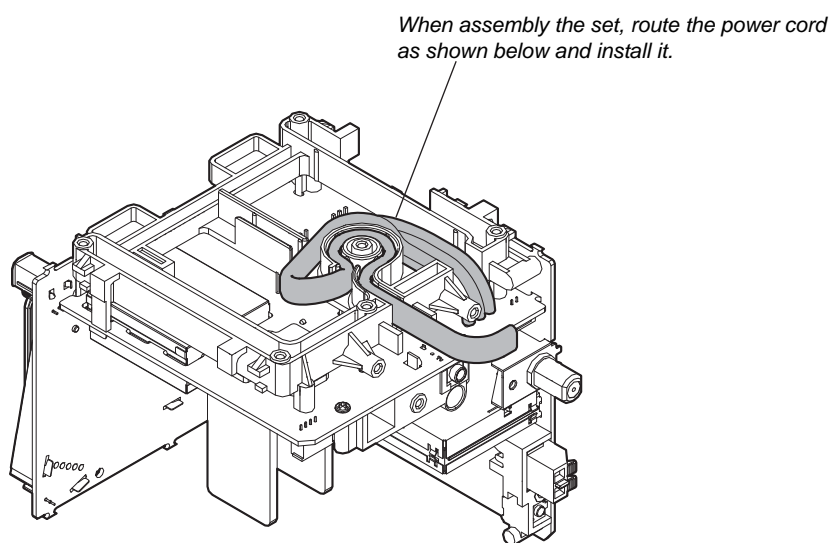
2-7. MAIN BOARD



2-8. POWER BOARD

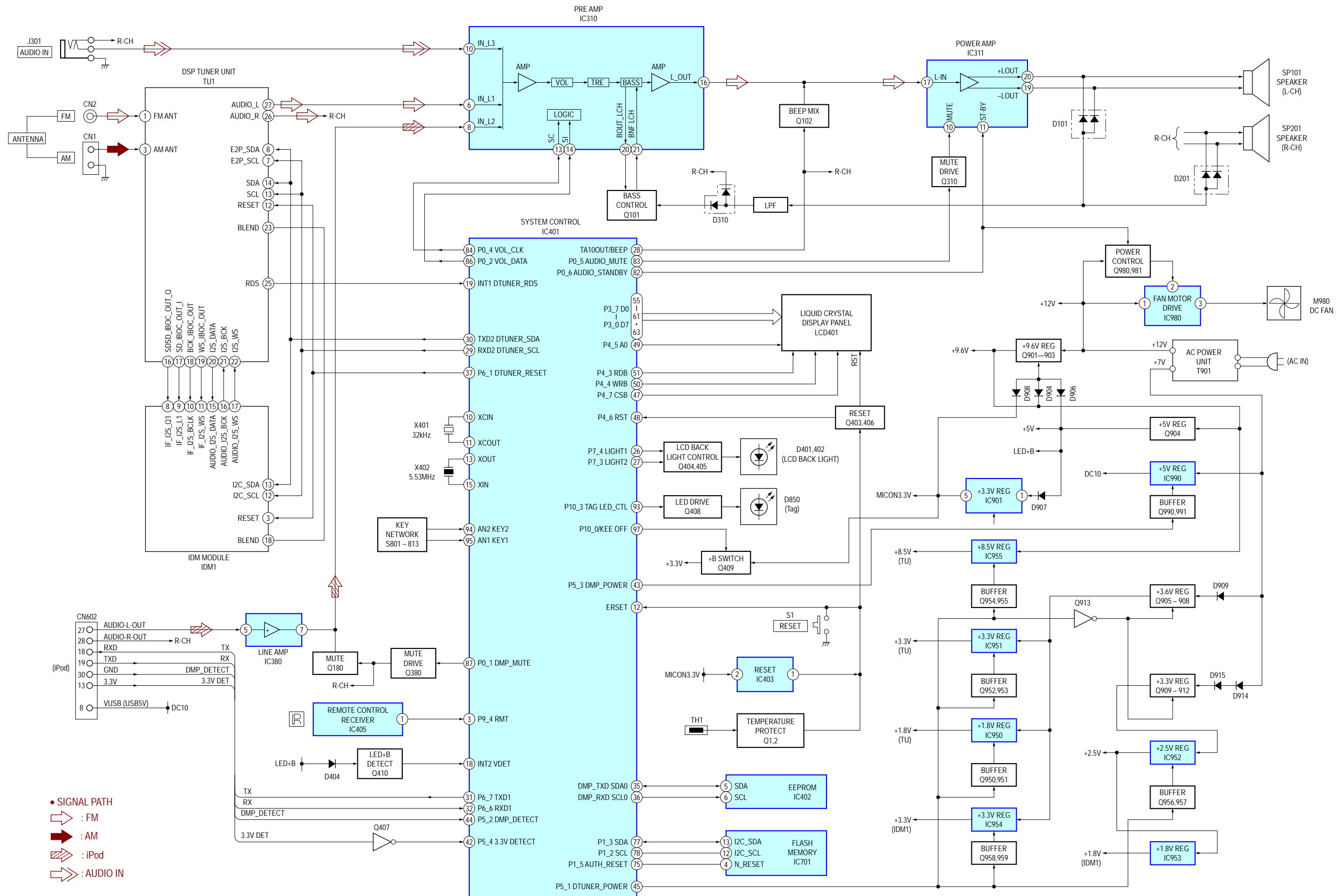


2-9. ASSEMBLY OF THE POWER CORD

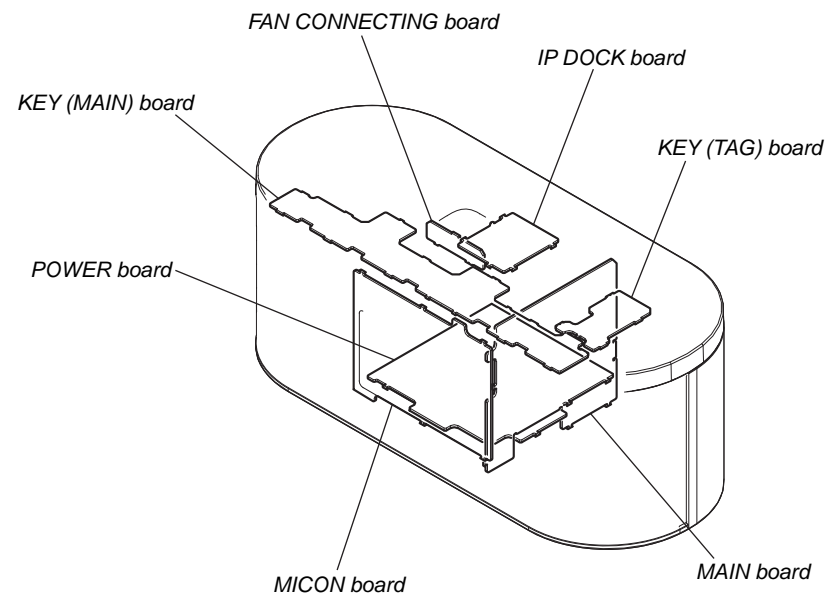


SECTION 3 DIAGRAMS

3-1. BLOCK DIAGRAM



• Circuit Boards Location

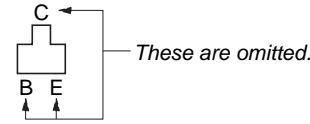


THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
 (In addition to this, the necessary note is printed in each block.)

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.
- Indication of transistor.



For Schematic Diagrams.

Note:

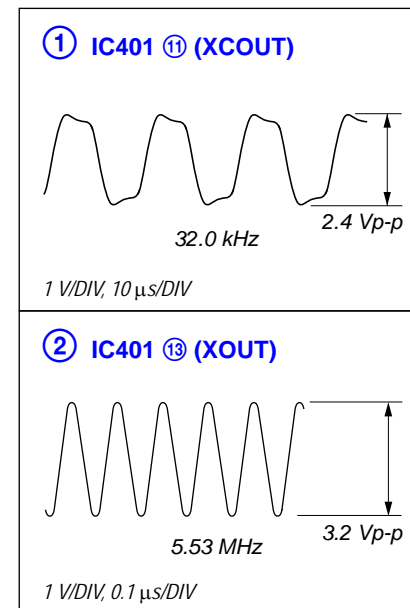
- All capacitors are in μF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- % : indicates tolerance.
- : internal component.
- : panel designation.

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

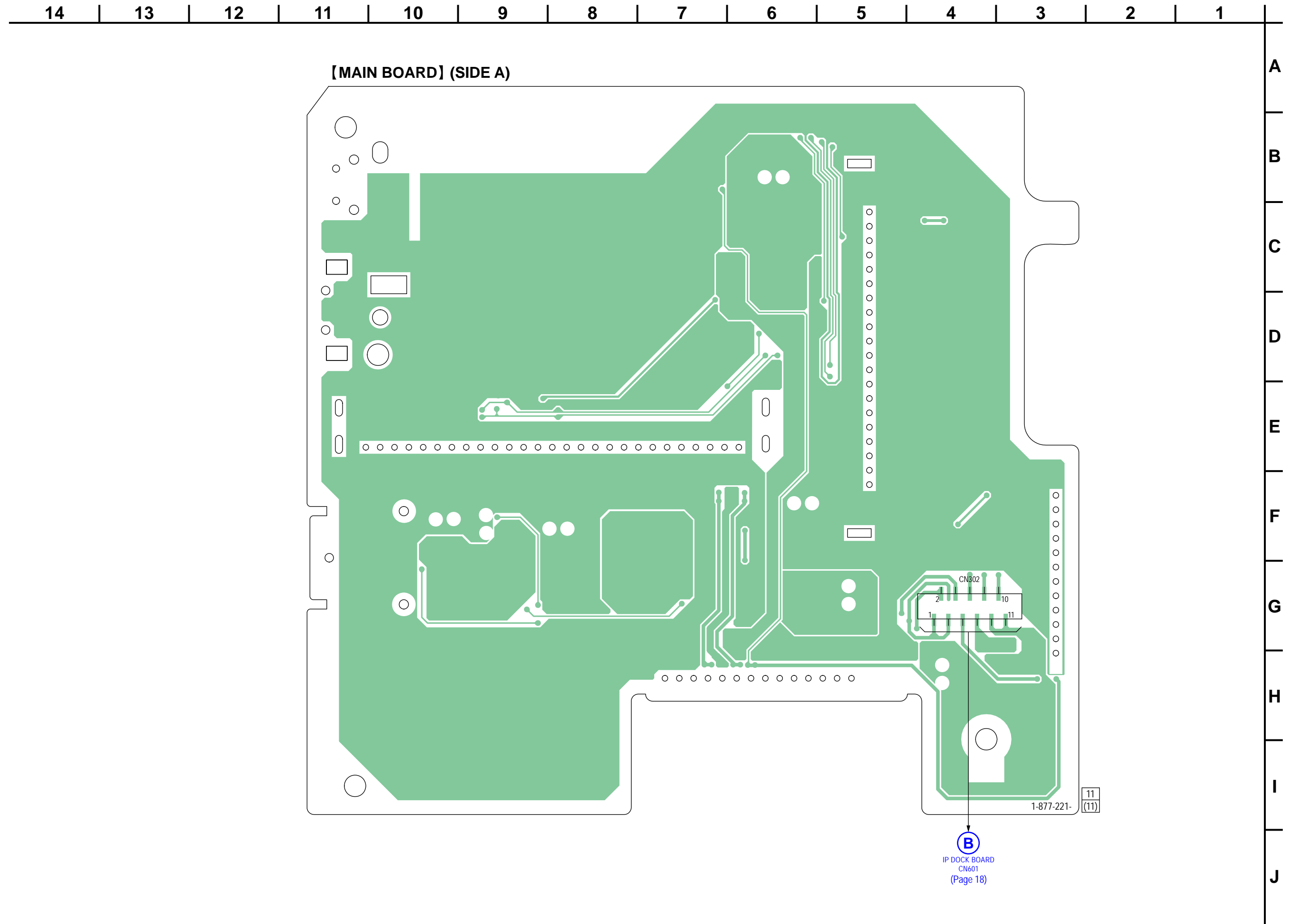
- : B+ Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
no mark: FM
- Voltages are taken with VOM (Input impedance 10 M Ω). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
 - : FM
 - : AM
 - : iPod
 - : AUDIO IN

• Waveforms

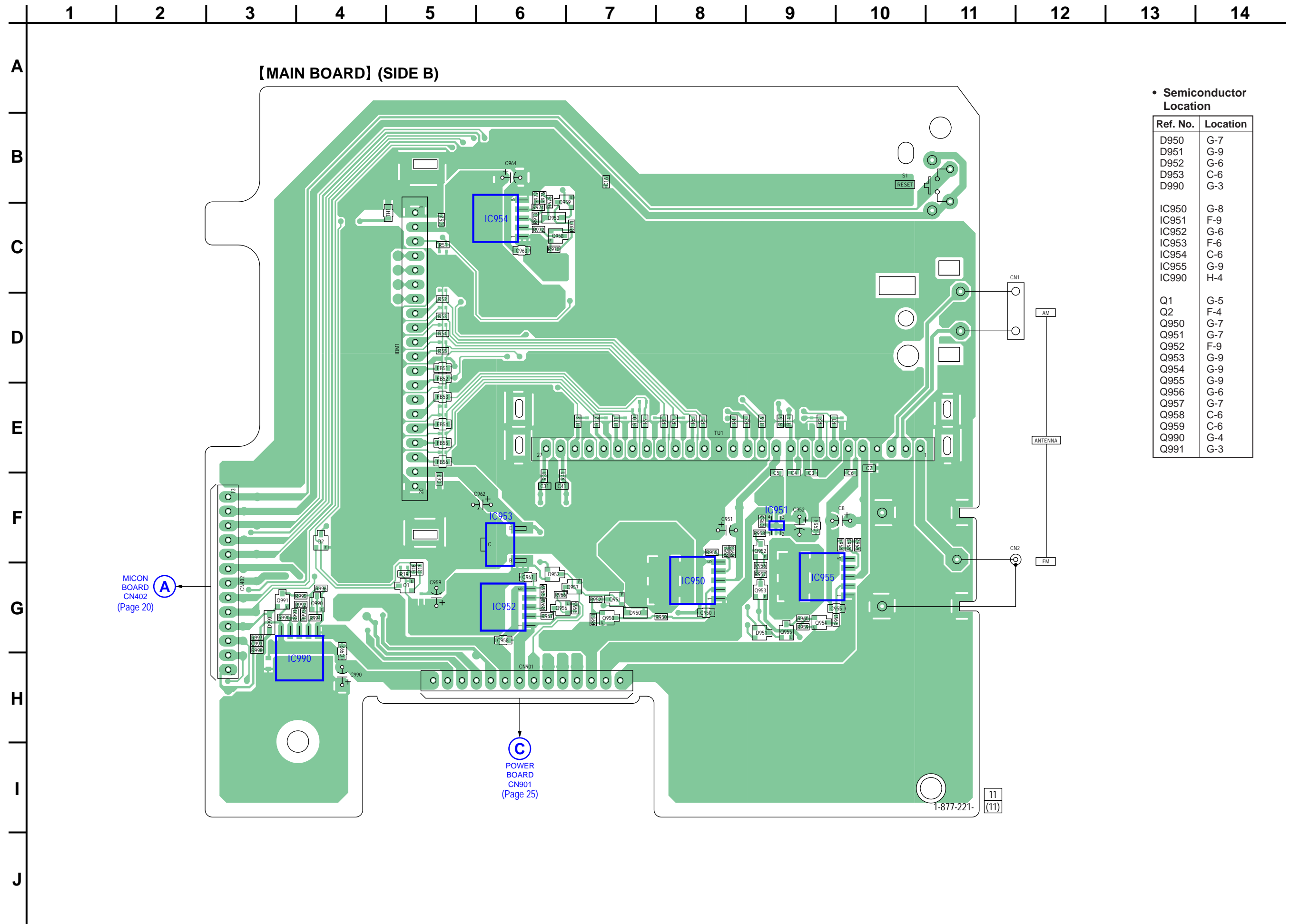
– MICON Board –



3-2. PRINTED WIRING BOARD – MAIN (Side A) Section – • See page 14 for Circuit Boards Location. •  : Uses unleaded solder.



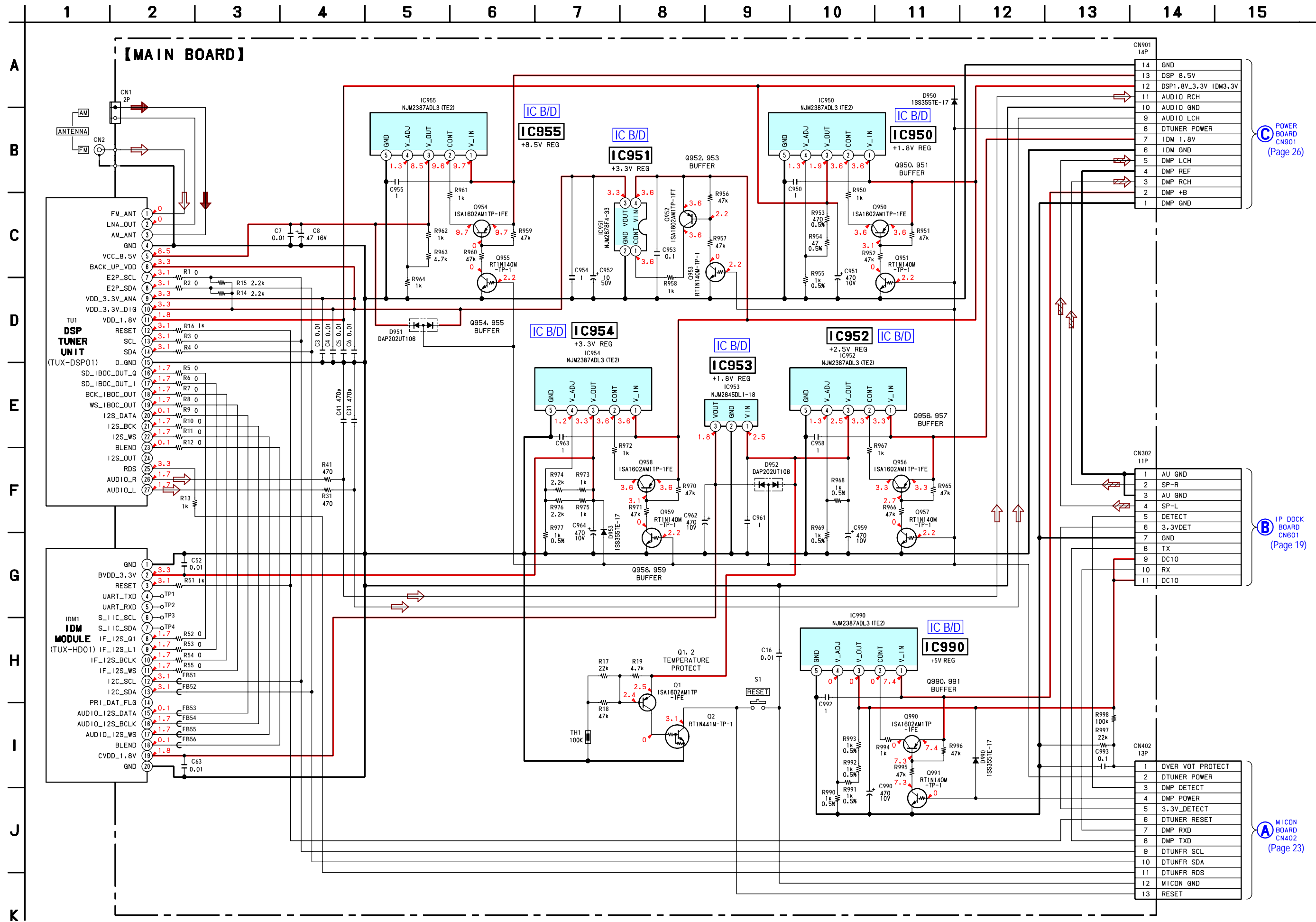
3-3. PRINTED WIRING BOARD – MAIN (Side B) Section – • See page 14 for Circuit Boards Location. •  : Uses unleaded solder.



• Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| D950 | G-7 |
| D951 | G-9 |
| D952 | G-6 |
| D953 | C-6 |
| D990 | G-3 |
| IC950 | G-8 |
| IC951 | F-9 |
| IC952 | G-6 |
| IC953 | F-6 |
| IC954 | C-6 |
| IC955 | G-9 |
| IC990 | H-4 |
| Q1 | G-5 |
| Q2 | F-4 |
| Q950 | G-7 |
| Q951 | G-7 |
| Q952 | F-9 |
| Q953 | G-9 |
| Q954 | G-9 |
| Q955 | G-9 |
| Q956 | G-6 |
| Q957 | G-7 |
| Q958 | C-6 |
| Q959 | C-6 |
| Q990 | G-4 |
| Q991 | G-3 |


3-4. SCHEMATIC DIAGRAM – MAIN Section – • See page 27 for IC Block Diagrams.

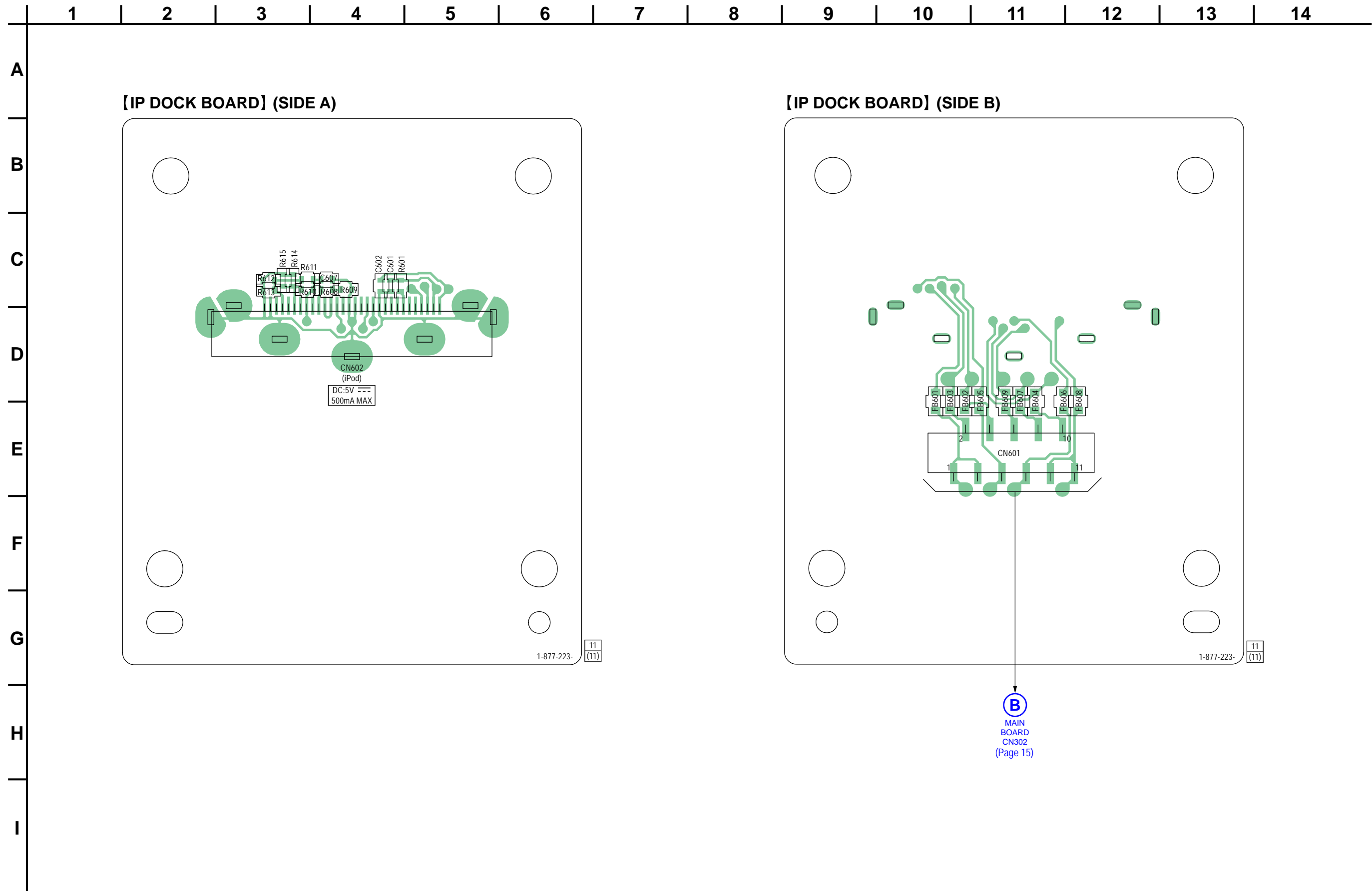


POWER BOARD CN901 (Page 26)

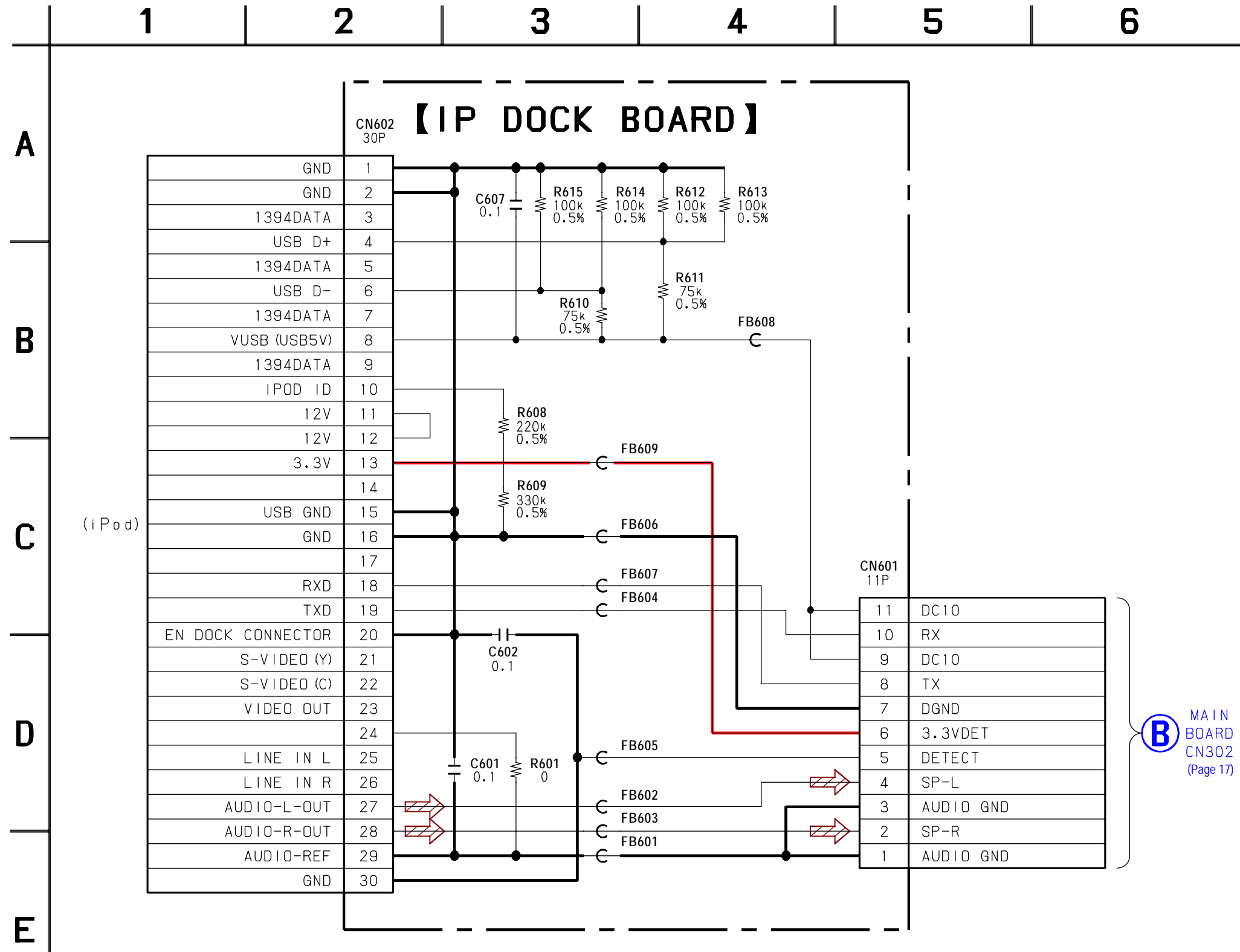
IP DOCK BOARD CN601 (Page 19)

MICON BOARD CN402 (Page 23)

3-5. PRINTED WIRING BOARD – IP DOCK Section – • See page 14 for Circuit Boards Location. •  : Uses unleaded solder.



3-6. SCHEMATIC DIAGRAM – IP DOCK Section –



3-7. PRINTED WIRING BOARD – MICON (Side A) Section – • See page 14 for Circuit Boards Location. •  : Uses unleaded solder.

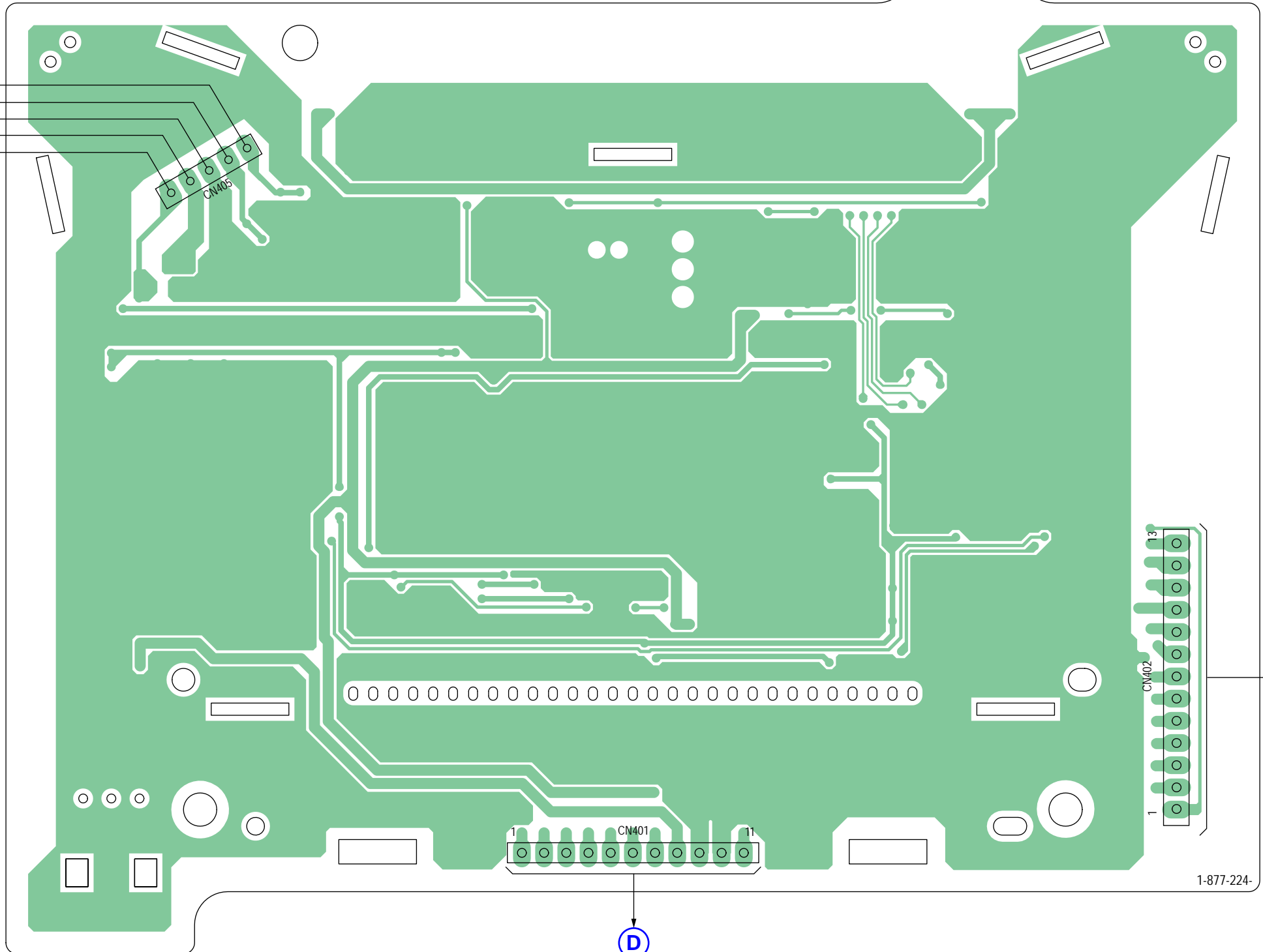
14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

A
B
C
D
E
F
G
H
I
J

[MICON BOARD] (SIDE A)

KEY (MAIN BOARD W701) (Page 22)

- RED
- WHT
- BLU
- YEL
- BLK



A MAIN BOARD CN402 (Page 16)

D POWER BOARD CN401 (Page 25)

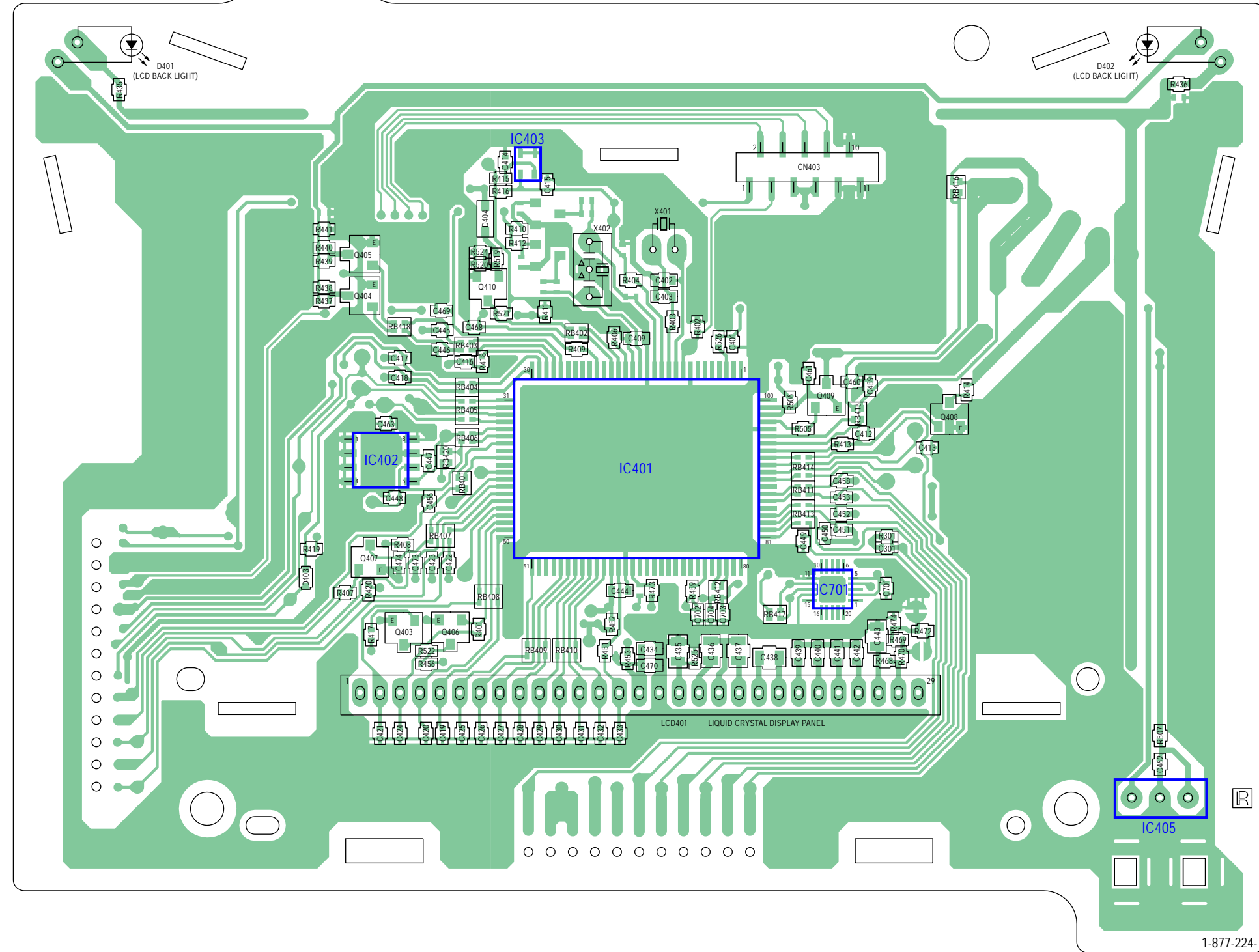
1-877-224-
11
(11)

3-8. PRINTED WIRING BOARD – MICON (Side B) Section – • See page 14 for Circuit Boards Location. •  : Uses unleaded solder.

1 2 3 4 5 6 7 8 9 10 11 12 13 14

A
B
C
D
E
F
G
H
I
J

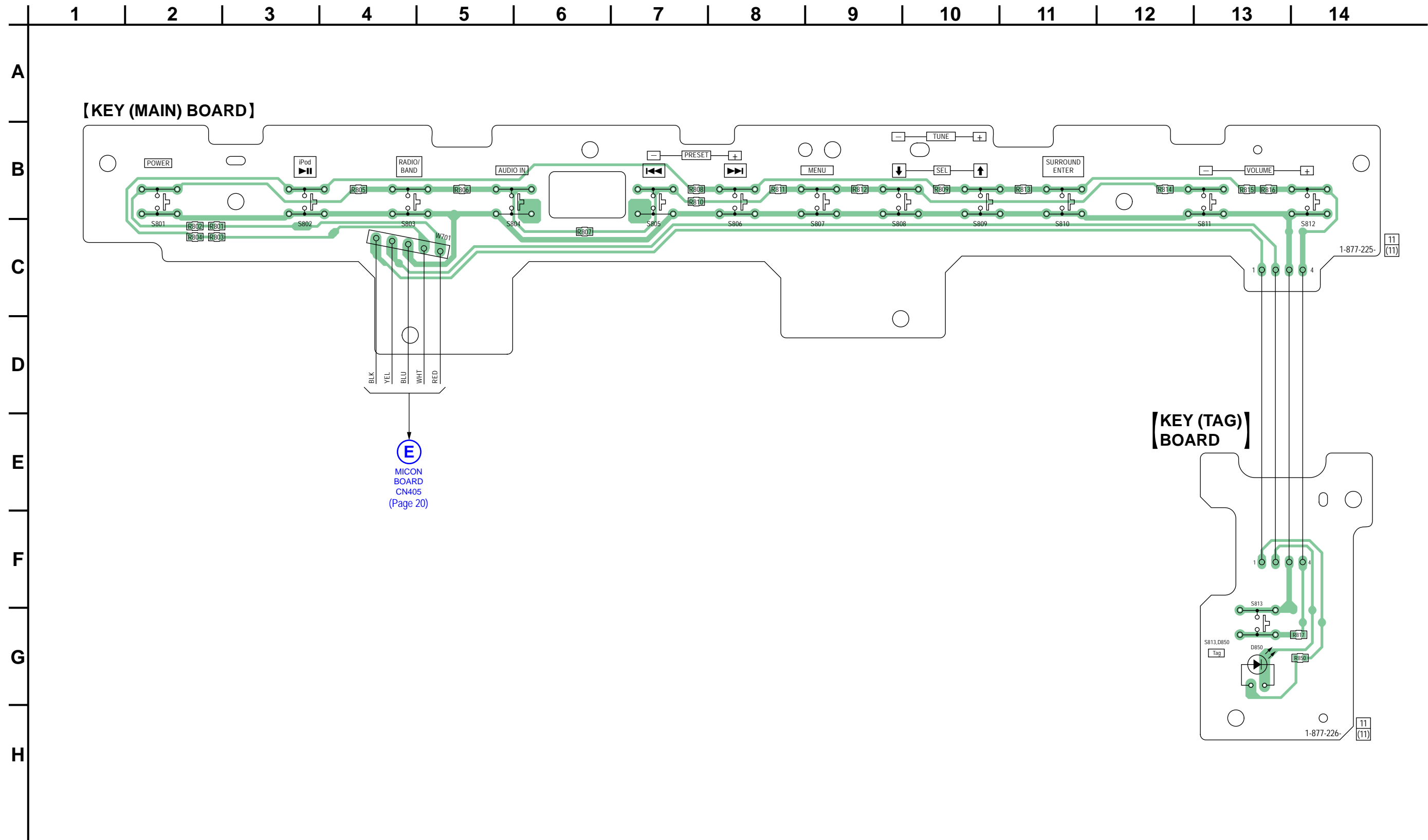
**[MICON BOARD]
(SIDE B)**



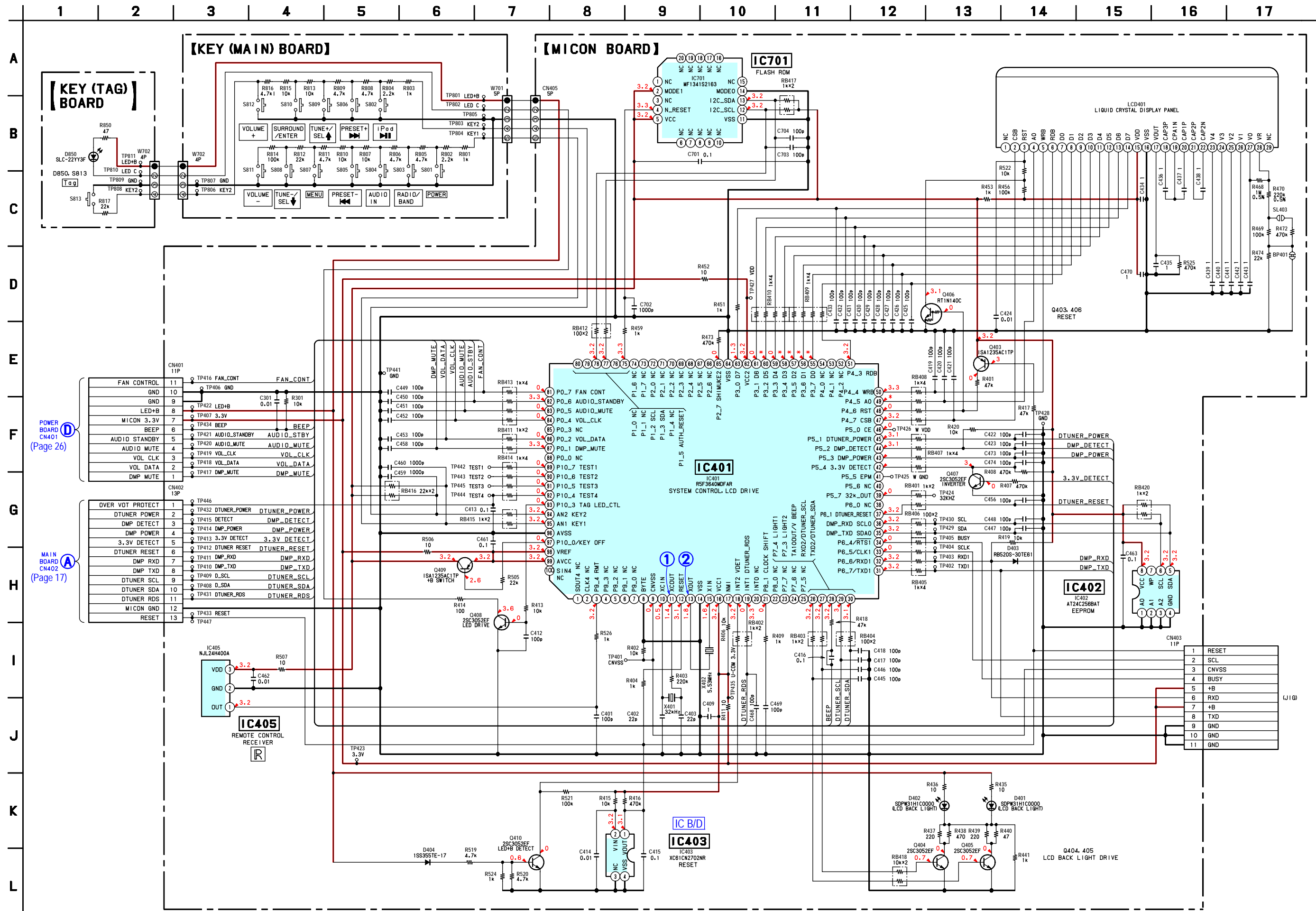
• Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| D401 | B-3 |
| D402 | B-12 |
| D403 | F-5 |
| D404 | D-6 |
| IC401 | F-8 |
| IC402 | F-5 |
| IC403 | C-7 |
| IC405 | H-12 |
| IC701 | G-9 |
| Q403 | G-6 |
| Q404 | D-5 |
| Q405 | D-5 |
| Q406 | G-6 |
| Q407 | F-5 |
| Q408 | E-10 |
| Q409 | E-9 |
| Q410 | D-6 |

3-9. PRINTED WIRING BOARDS – KEY Section – • See page 14 for Circuit Boards Location. •  : Uses unleaded solder.



3-10. SCHEMATIC DIAGRAM – MICON Section – • See page 14 for waveforms. • See page 28 for IC Block Diagram. • See page 30 for IC Pin Function Description of IC401.



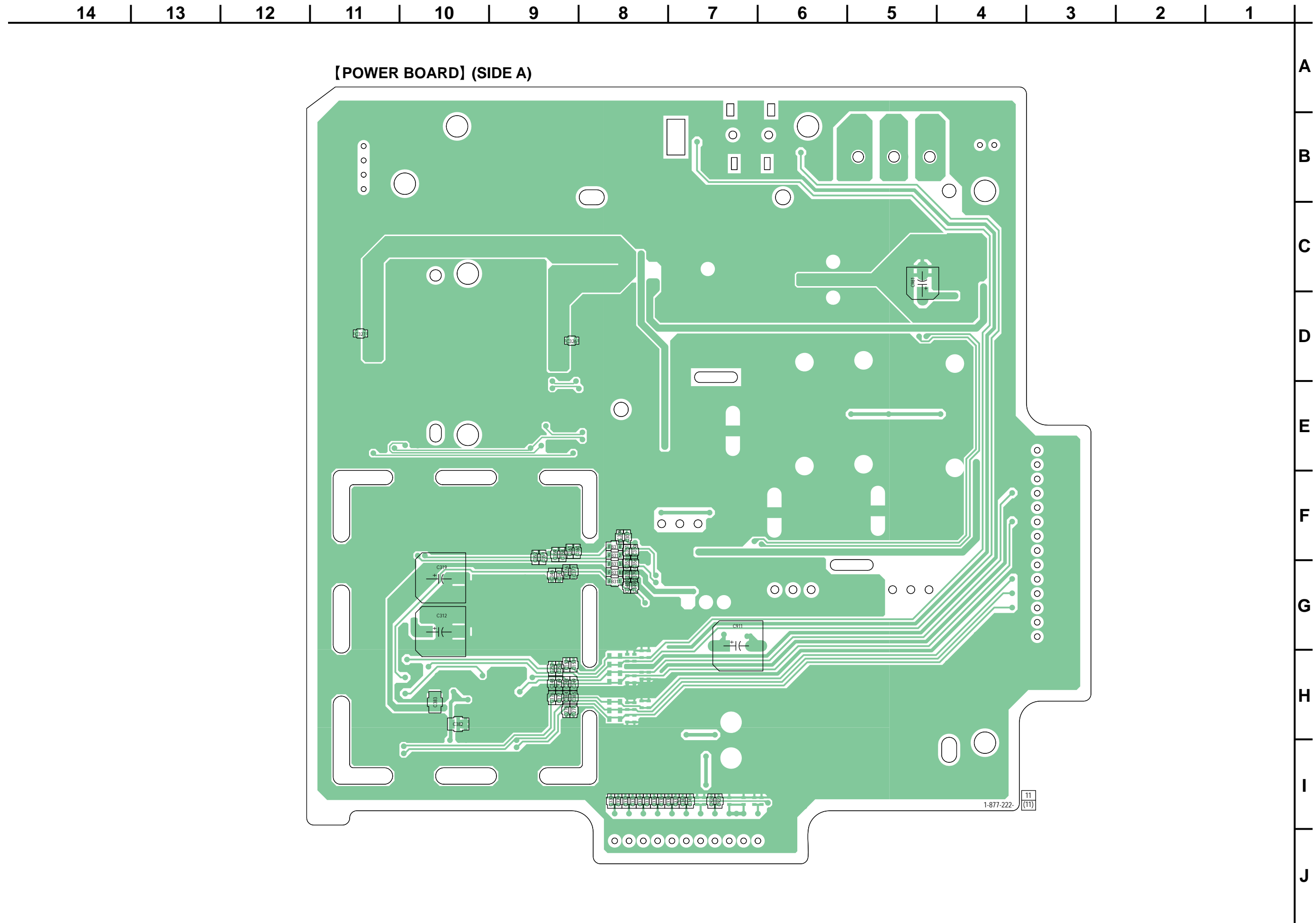
POWER BOARD CN401 (Page 26)

MAIN BOARD CN402 (Page 17)

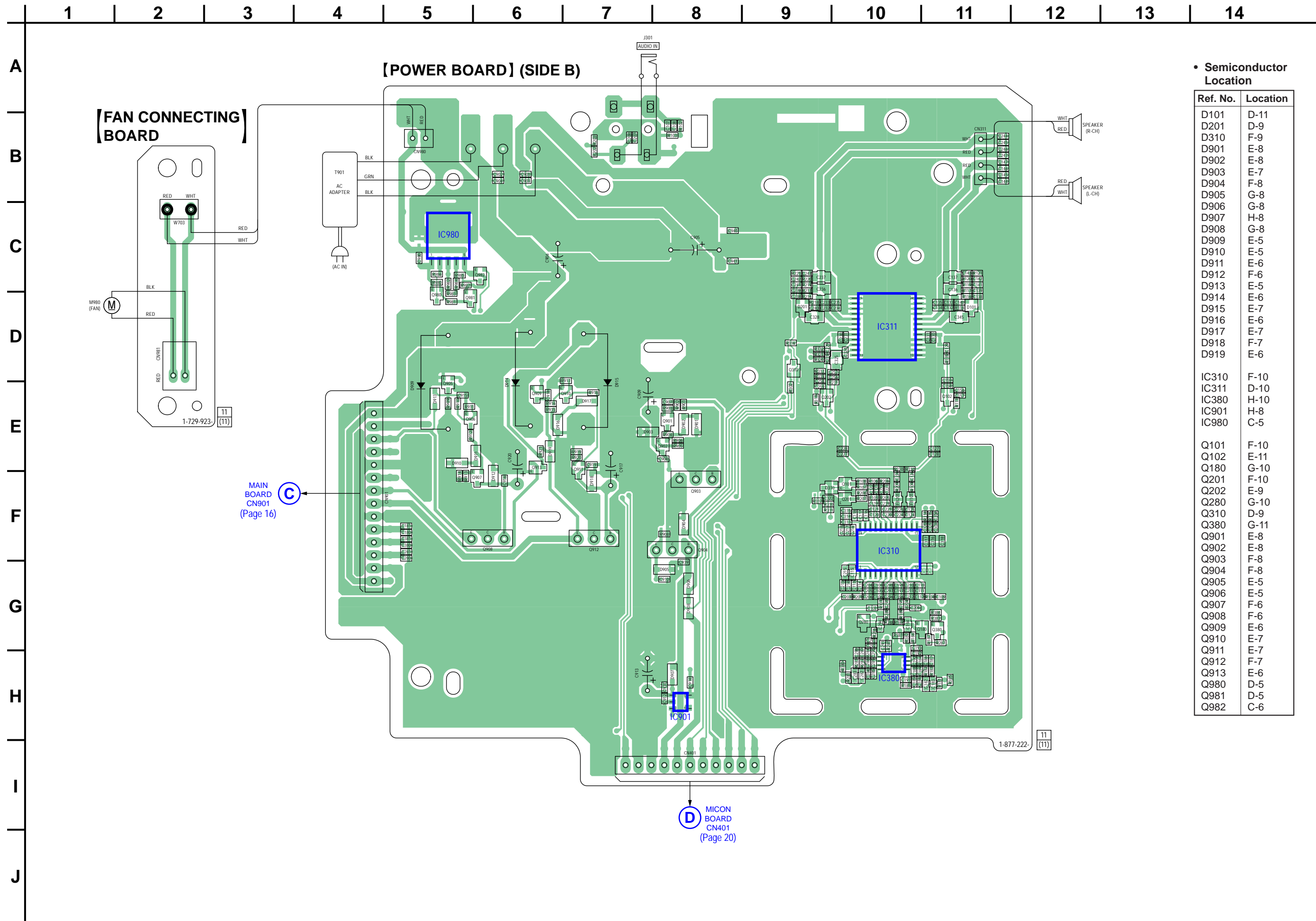
| | | | |
|-----------|---------------------|-------------------|--|
| CN401 11P | | FAN CONTROL | |
| 11 | TP416 FAN_CONT | FAN_CONT | |
| 10 | TP406 GND | | |
| 9 | TP422 LED+/- | | |
| 8 | TP407 3.3V | | |
| 7 | TP434 BEEP | BEEP | |
| 6 | TP421 AUDIO_STANDBY | AUDIO_STBY | |
| 5 | TP420 AUDIO_MUTE | AUDIO_MUTE | |
| 4 | TP419 VOL_CLK | VOL_CLK | |
| 3 | TP418 VOL_DATA | VOL_DATA | |
| 2 | TP417 DMP_MUTE | DMP_MUTE | |
| 1 | | | |
| CN402 13P | | OVER VOLT PROTECT | |
| 1 | TP432 DTUNER_POWER | DTUNER_POWER | |
| 2 | TP415 DETECT | DMP_DETECT | |
| 3 | TP414 DMP_POWER | DMP_POWER | |
| 4 | TP412 DTUNER RESET | 3.3V_DETECT | |
| 5 | TP411 DMP_RXD | DMP_RXD | |
| 6 | TP410 DMP_TXD | DMP_TXD | |
| 7 | TP409 D_SCL | DTUNER_SCL | |
| 8 | TP408 D_SDA | DTUNER_SDA | |
| 9 | TP431 DTUNER_RDS | DTUNER_RDS | |
| 10 | | | |
| 11 | | | |
| 12 | TP433 RESET | | |
| 13 | TP447 | | |

| | |
|----|-------|
| 1 | RESET |
| 2 | SCL |
| 3 | CNVSS |
| 4 | BUSY |
| 5 | +B |
| 6 | RXD |
| 7 | +B |
| 8 | TXD |
| 9 | GND |
| 10 | GND |
| 11 | GND |

3-11. PRINTED WIRING BOARD – POWER (Side A) Section – • See page 14 for Circuit Boards Location. •  : Uses unleaded solder.



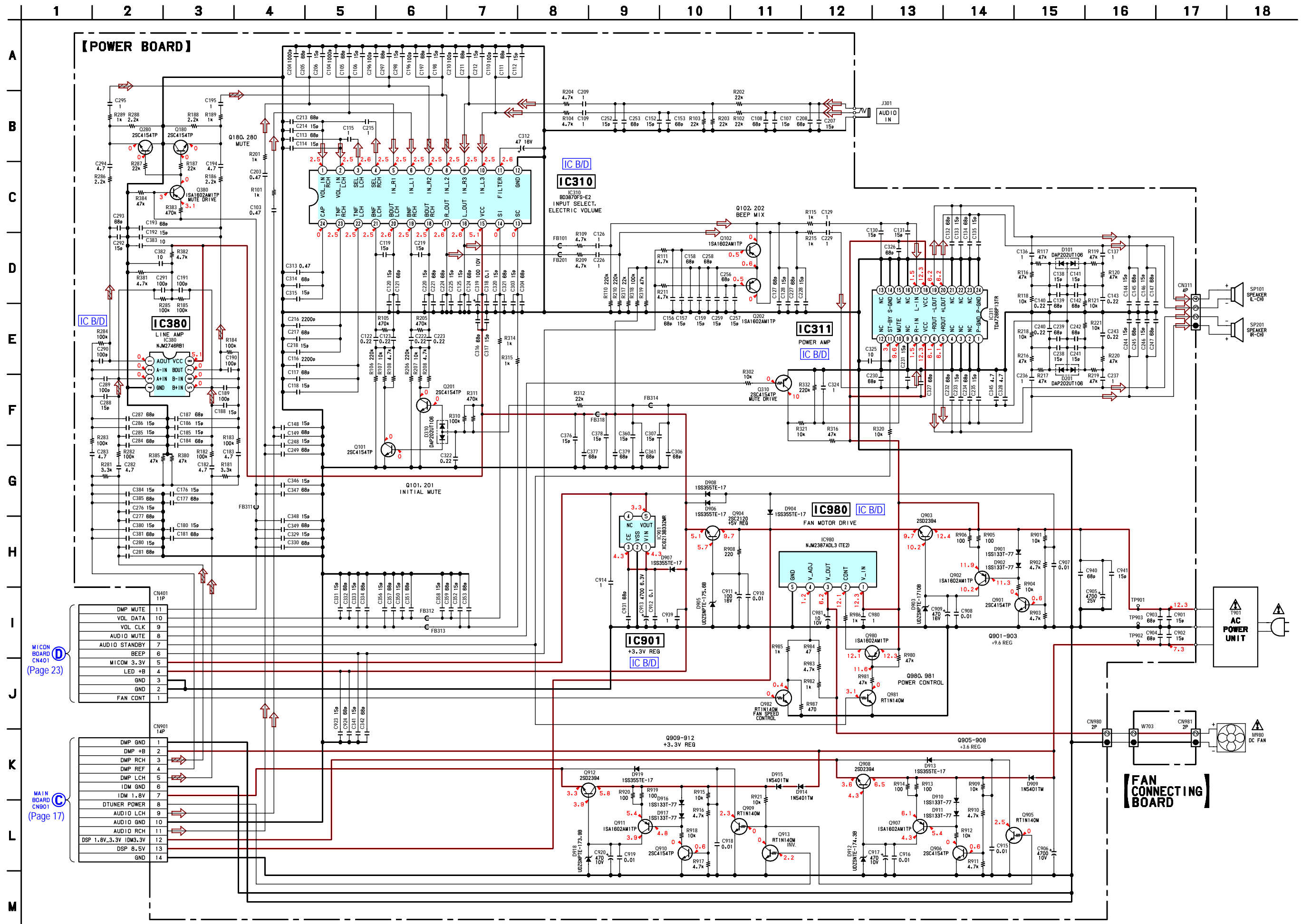
3-12. PRINTED WIRING BOARD – POWER (Side B) Section – • See page 14 for Circuit Boards Location. •  : Uses unleaded solder.



• Semiconductor Location

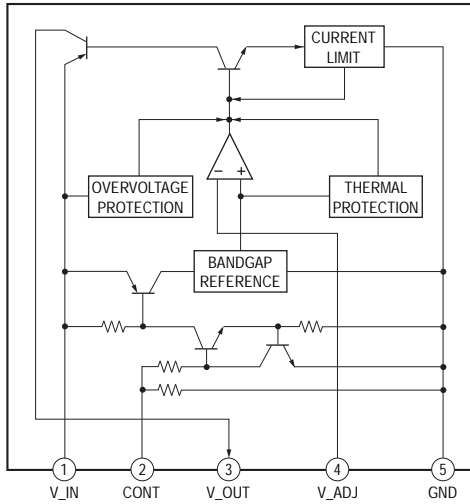
| Ref. No. | Location |
|----------|----------|
| D101 | D-11 |
| D201 | D-9 |
| D310 | F-9 |
| D901 | E-8 |
| D902 | E-8 |
| D903 | E-7 |
| D904 | F-8 |
| D905 | G-8 |
| D906 | G-8 |
| D907 | H-8 |
| D908 | G-8 |
| D909 | E-5 |
| D910 | E-5 |
| D911 | E-6 |
| D912 | F-6 |
| D913 | E-5 |
| D914 | E-6 |
| D915 | E-7 |
| D916 | E-6 |
| D917 | E-7 |
| D918 | F-7 |
| D919 | E-6 |
| IC310 | F-10 |
| IC311 | D-10 |
| IC380 | H-10 |
| IC901 | H-8 |
| IC980 | C-5 |
| Q101 | F-10 |
| Q102 | E-11 |
| Q180 | G-10 |
| Q201 | F-10 |
| Q202 | E-9 |
| Q280 | G-10 |
| Q310 | D-9 |
| Q380 | G-11 |
| Q901 | E-8 |
| Q902 | E-8 |
| Q903 | F-8 |
| Q904 | F-8 |
| Q905 | E-5 |
| Q906 | E-5 |
| Q907 | F-6 |
| Q908 | F-6 |
| Q909 | E-6 |
| Q910 | E-7 |
| Q911 | E-7 |
| Q912 | F-7 |
| Q913 | E-6 |
| Q980 | D-5 |
| Q981 | D-5 |
| Q982 | C-6 |

3-13. SCHEMATIC DIAGRAM – POWER Section – • See page 27 to 29 for IC Block Diagrams.

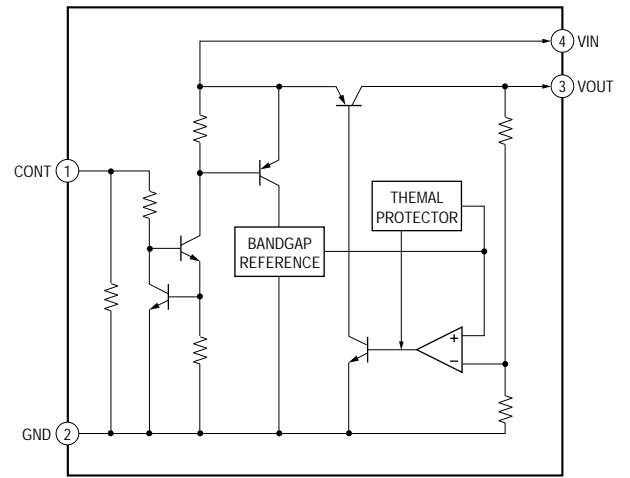


• IC Block Diagrams

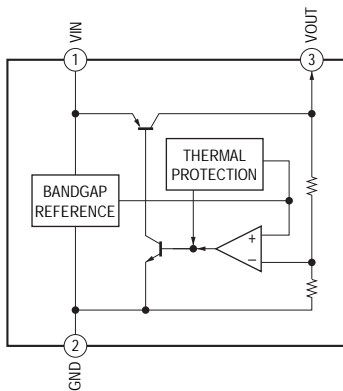
- IC950 NJM2387ADL3(Te2) (MAIN Board)
- IC952 NJM2387ADL3(Te2) (MAIN Board)
- IC954 NJM2387ADL3(Te2) (MAIN Board)
- IC955 NJM2387ADL3(Te2) (MAIN Board)
- IC990 NJM2387ADL3(Te2) (MAIN Board)
- IC980 NJM2387ADL3(Te2) (POWER Board)



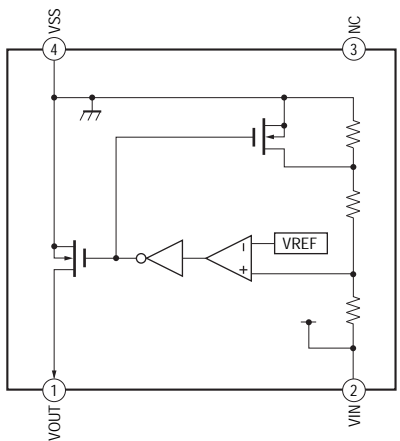
IC951 NJM2878F4-33(Te2) (MAIN Board)



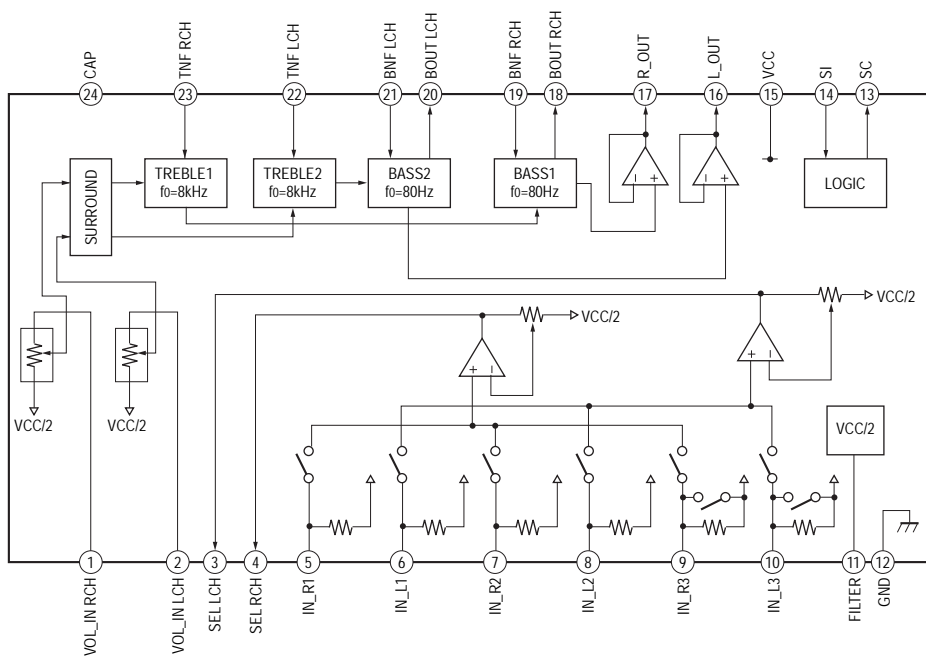
IC953 NJM2845DL1-18(Te1) (MAIN Board)



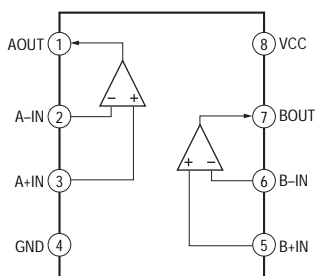
IC403 XC61CN2702NR (MICON Board)



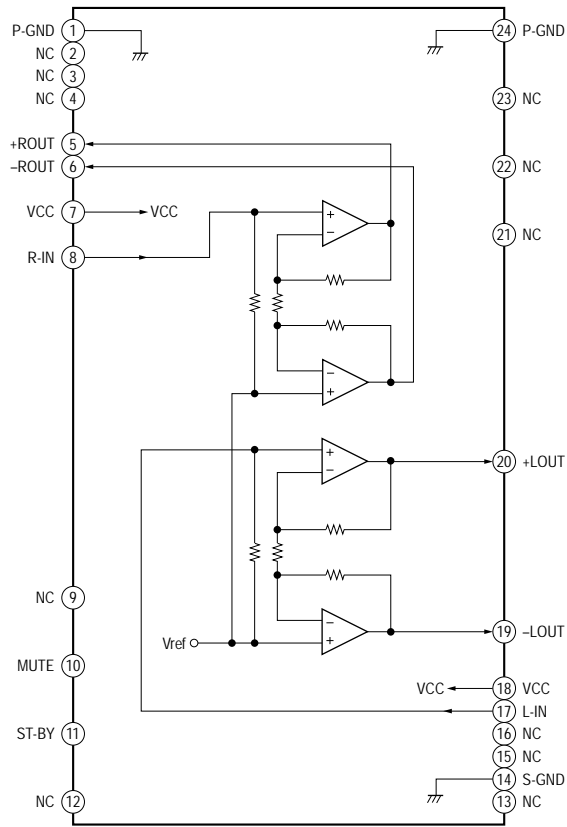
IC310 BD3870FS-E2 (POWER Board)



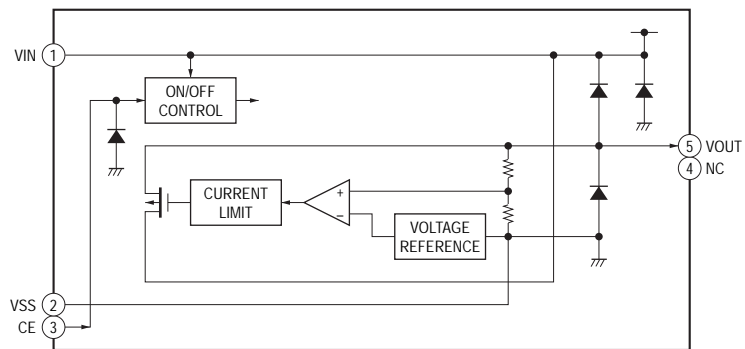
IC380 NJM2746RB1 (POWER Board)



IC311 TDA7266P13TR (POWER Board)



IC901 XC6213B332MR (POWER Board)



XDR-S10HDiP

• IC Pin Function Description

MICON BOARD IC401 R5F3640MDFAR (SYSTEM CONTROL, LCD DRIVE)

| Pin No. | Pin Name | I/O | Description |
|---------|-------------------|-----|---|
| 1 | SOUT NC | — | Not used (Open) |
| 2 | CLK4 NC | — | Not used (Open) |
| 3 | P9_4 RMT | I | Remote control signal input |
| 4 | P9_3 NC | — | Not used (Open) |
| 5 | P9_2 NC | — | Not used (Open) |
| 6 | P9_1 NC | — | Not used (Open) |
| 7 | P9_0 NC | — | Not used (Open) |
| 8 | BYTE | I | External data bus input. (Connected to ground) |
| 9 | CNVSS | I | Change processor mode input |
| 10 | XCIN | I | System sub clock signal input (32.0 kHz) |
| 11 | XCOU | O | System sub clock signal output (32.0 kHz) |
| 12 | RESET | I | System reset signal input |
| 13 | XO | O | System main clock signal output (5.53 MHz) |
| 14 | VSS | — | Ground |
| 15 | XIN | I | System main clock signal input (5.53 MHz) |
| 16 | VCC1 | — | Power supply (+3.3 V) |
| 17 | NMI | I | NMI interruption signal input (Not used) (Pull up) |
| 18 | INT2 VDET | I | LED+B detection signal input |
| 19 | INT1 DTUNER_RDS | I | RDS data interruption signal input |
| 20 | INT0 NC | — | Not used (Open) |
| 21 | P8_1 CLOCK SHIFT | I | Control pin for system main clock frequency shift. (Not used) |
| 22 | P8_0 NC | — | Not used (Open) |
| 23 | P7_7 NC | — | Not used (Open) |
| 24 | P7_6 NC | — | Not used (Open) |
| 25 | P7_5 NC | — | Not used (Open) |
| 26 | P7_4 LIGHT1 | O | LCD back light control signal output |
| 27 | P7_3 LIGHT2 | O | LCD back light control signal output |
| 28 | TA10OUT/V BEEP | O | Beep signal output |
| 29 | RXD2/DTUNER_SCL | O | Serial clock output to D-Tuner. |
| 30 | TXD2/DTUNER_SDA | O | Serial data output to D-Tuner. |
| 31 | P6_7/TXD1 | O | Serial data output to iPod |
| 32 | P6_6/RXD1 | I | Serial data input from iPod |
| 33 | P6_5/CLK1 | I | Serial clock input for serves jig |
| 34 | P6_4/RTS1 | I | RTS signal input for serves jig |
| 35 | DMP_TXD_SDA0 | I/O | EEPROM serial data input/output |
| 36 | DMP_RXD_SCL0 | O | EEPROM serial clock signal output |
| 37 | P6_1 DTUNER_RESET | O | D-Tuner reset signal output |
| 38 | P6_0/NC | — | Not used (Open) |
| 39 | P5_7/NC | — | Not used (Open) |
| 40 | P5_6 32k_OUT | — | Not used (Open) |
| 41 | P5_5/EPM | — | Not used (Open) |
| 42 | P5_4 3.3V DETECT | I | +B (+3.3V) detection signal input |
| 43 | P5_3 DMP_POWER | O | iPod power control signal output |
| 44 | P5_2 DMP_DETECT0 | I | iPod connected signal input |
| 45 | P5_1 DTUNER_POWER | O | D-Tuner power control signal output |
| 46 | P5_0/CE | — | Not used (Open) |
| 47 | P4_7/CSB | O | LCD chip select signal output |
| 48 | P4_6/RST | O | LCD reset signal output |
| 49 | P4_5/A0 | O | LCD address A0 signal output |
| 50 | P4_4/WRB | O | LCD data Write signal output |
| 51 | P4_3/RDB | O | LCD data read signal output |
| 52 | P4_2/NC | O | Not used (Open) |

| Pin No. | Pin Name | I/O | Description |
|---------|--------------------|-----|--|
| 53 | P4_1/NC | O | Not used (Open) |
| 54 | P4_0/NC | O | Not used (Open) |
| 55 | P3_7/D0 | O | LCD data D0 output |
| 56 | P3_6/D1 | O | LCD data D1 output |
| 57 | P3_5/D2 | O | LCD data D2 output |
| 58 | P3_4/D3 | O | LCD data D3 output |
| 59 | P3_3/D4 | O | LCD data D4 output |
| 60 | P3_2/D5 | O | LCD data D5 output |
| 61 | P3_1/D6 | O | LCD data D6 output |
| 62 | VCC2 | — | Power supply (BUP+3.3V) |
| 63 | P3_0/D7 | O | LCD data D7 output |
| 64 | VSS | — | Ground |
| 65 | P2_7 SHIMUKE2 | I | Destination select input (Pull down) |
| 66 | P2_6 NC | — | Not used (Open) |
| 67 | P2_5 NC | — | Not used (Open) |
| 68 | P2_4 NC | — | Not used (Open) |
| 69 | P2_3 NC | — | Not used (Open) |
| 70 | P2_2 NC | — | Not used (Open) |
| 71 | P2_1 NC | — | Not used (Open) |
| 72 | P2_0 NC | — | Not used (Open) |
| 73 | P1_7 NC | — | Not used (Open) |
| 74 | P1_6 NC | — | Not used (Open) |
| 75 | P1_5 AUTH_RESET | O | Reset signal output |
| 76 | P1_4 NC | — | Not used (Open) |
| 77 | P1_3 SDA | I/O | FLASH ROM serial data input/output |
| 78 | P1_2 SCL | O | FLASH ROM serial clock signal output |
| 79 | P1_1 NC | — | Not used (Open) |
| 80 | P1_0 NC | — | Not used (Open) |
| 81 | P0_7 FAN CONT | O | FAN control signal output |
| 82 | P0_6 AUDIO_STANDBY | O | P-AMP standby signal output |
| 83 | P0_5 AUDIO_MUTE | O | P-AMP mute signal output |
| 84 | P0_4 VOL_CLK | O | Serial clock output to electric volume |
| 85 | P0_3 NC | — | Not used (Open) |
| 86 | P0_2 VOL_DATA | O | Serial data output to electric volume |
| 87 | P0_1 DMP_MUTE | O | iPod audio mute signal output |
| 88 | P0_0 NC | — | Not used (Open) |
| 89 | P10_7 TEST1 | — | Not used (Open) |
| 90 | P10_6 TEST2 | — | Not used (Open) |
| 91 | P10_5 TEST3 | — | Not used (Open) |
| 92 | P10_4 TEST4 | — | Not used (Open) |
| 93 | P10_3 TAG_LED_CTL | O | Tag LED drive signal output |
| 94 | AN2 KEY2 | I | Key input |
| 95 | AN1 KEY1 | I | Key input |
| 96 | AVSS | — | Ground |
| 97 | P10_0/KEY OFF | O | +B control signal output |
| 98 | VREF | I | Reference voltage (+3.3V) |
| 99 | AVCC | — | Power supply (BUP+3.3V) |
| 100 | SIN4 NC | — | Not used (Open) |

SECTION 4 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.

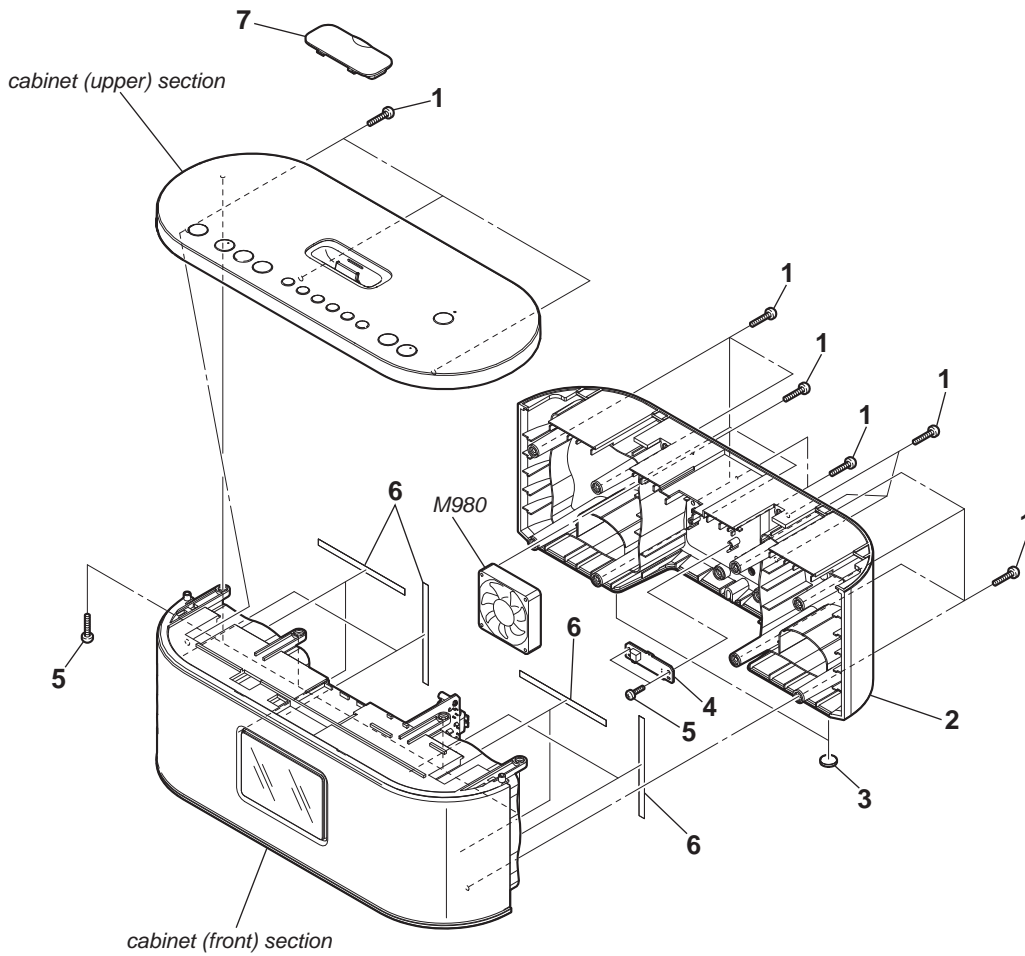
- Color Indication of Appearance Parts Example:
KNOB, BALANCE (WHITE) . . . (RED)

↑
↑

 Parts Color Cabinet's Color
- Accessories are given in the last of the electrical parts list.

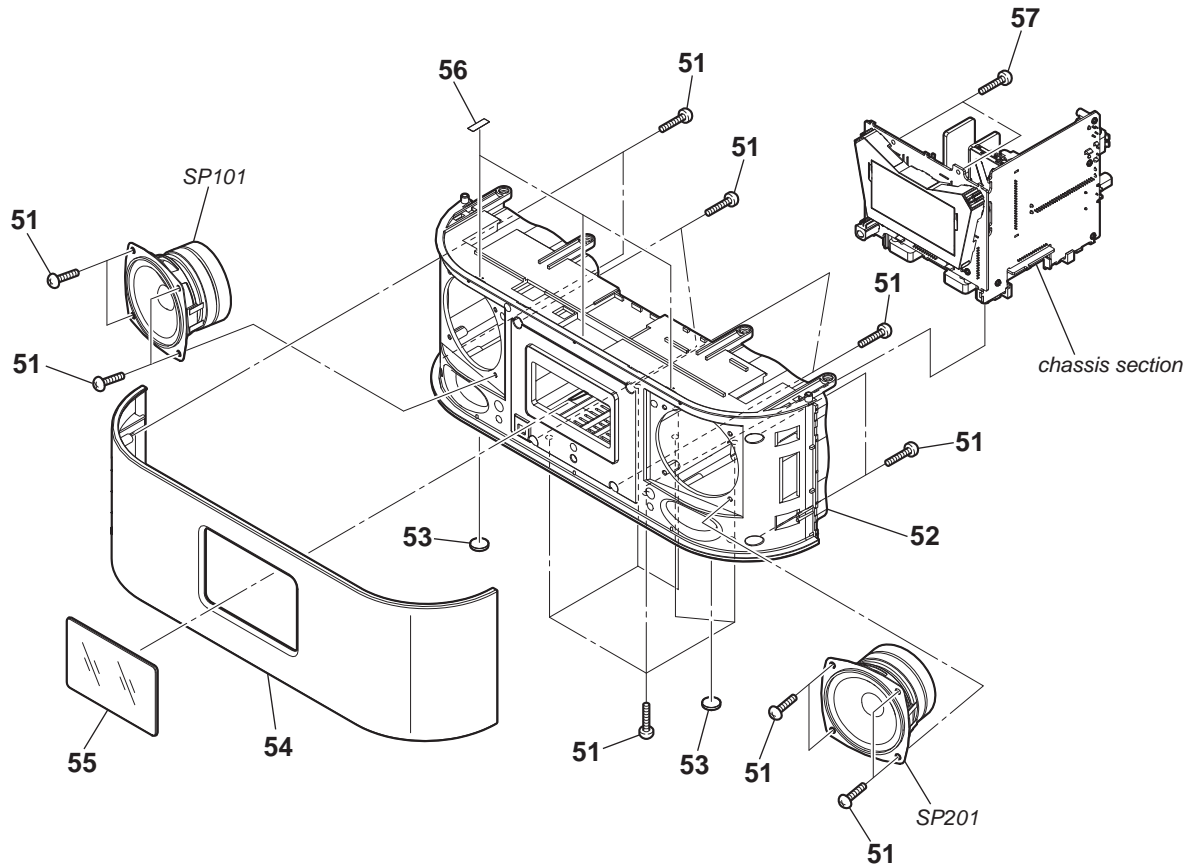
The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.
Replace only with part number specified.

4-1. CABINET (REAR) SECTION



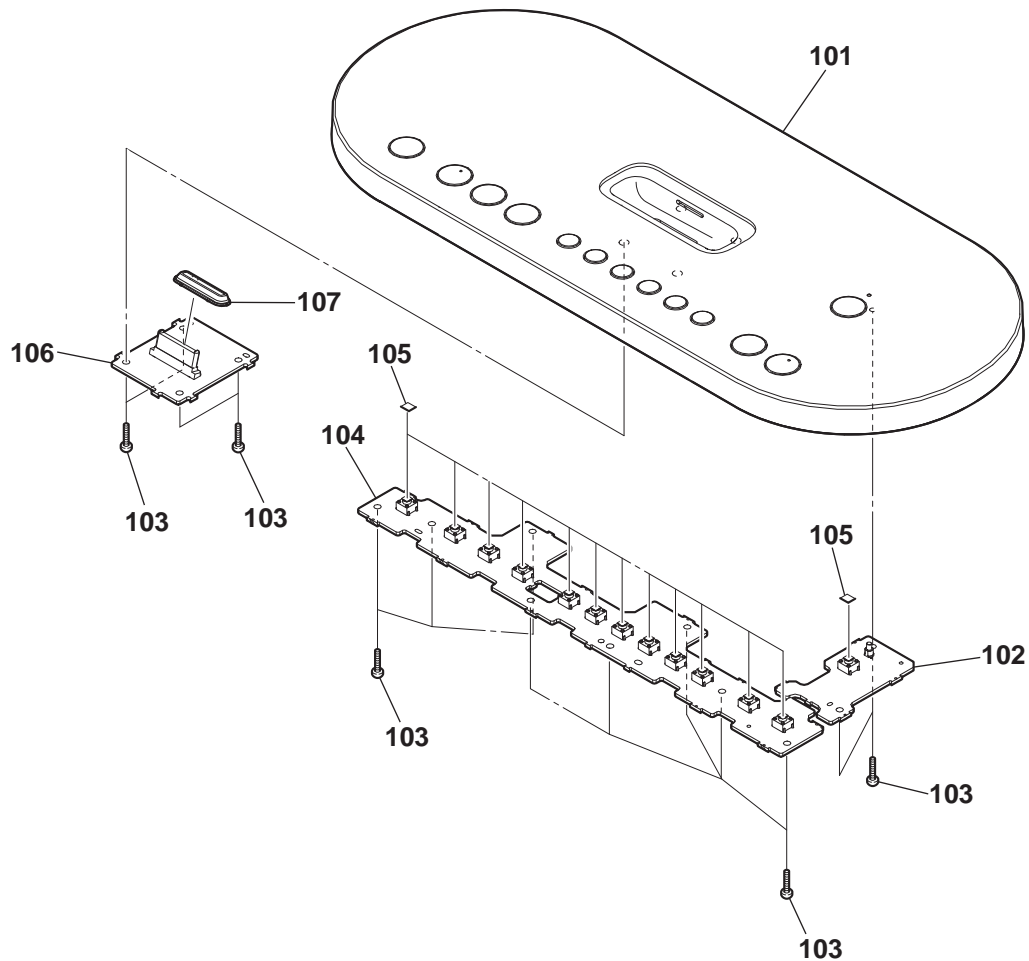
| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|--------------------------------|--------|------------------|--------------|-----------------------------|--------|
| 1 | 3-254-143-11 | SCREW (B3), (+) BV TAPPING | | 5 | 3-254-151-01 | SCREW (B2.6), (+) P TAPPING | |
| 2 | 3-285-550-01 | CABINET (REAR) | | 6 | 3-285-563-01 | CUSHION (SP) | |
| 3 | 2-667-344-01 | FOOT, RUBBER | | 7 | 3-873-770-01 | LID (CONNECTOR) | |
| 4 | A-1547-623-A | FAN CONNECTION BOARD, COMPLETE | | \triangle M980 | 1-787-396-11 | D.C. FAN (50 SQUARE) | |

4-2. CABINET (FRONT) SECTION



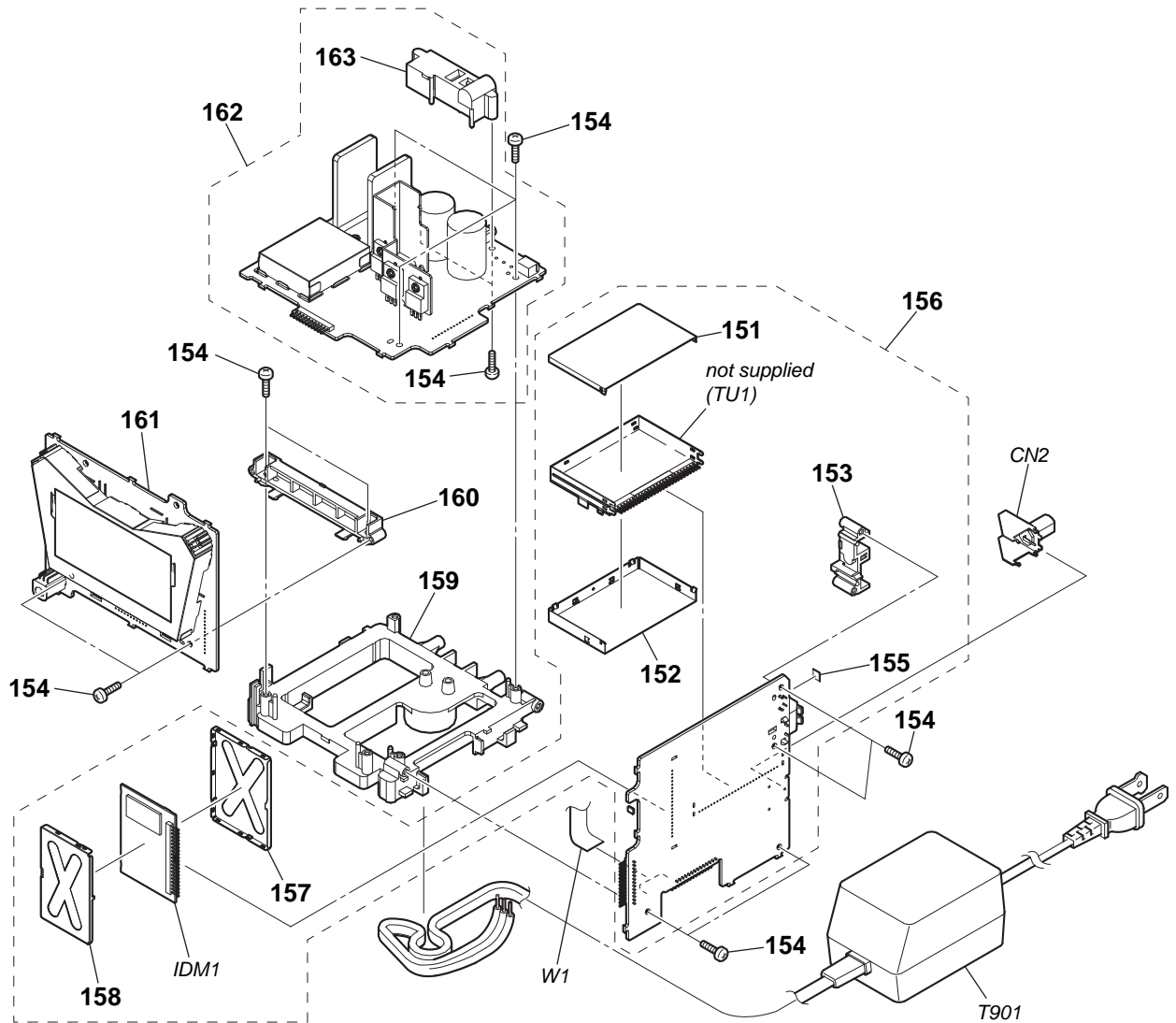
| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|----------------------------|--------|----------|--------------|-----------------------------|--------|
| 51 | 3-254-143-11 | SCREW (B3), (+) BV TAPPING | | 56 | 4-000-738-01 | SHEET (A), ADHESIVE | |
| 52 | 3-285-549-01 | CABINET (FRONT) | | 57 | 3-254-151-01 | SCREW (B2.6), (+) P TAPPING | |
| 53 | 2-667-344-01 | FOOT, RUBBER | | SP101 | 1-826-960-11 | SPEAKER (6.6cm) (L-CH) | |
| 54 | X-2188-228-1 | NET ASSY, SPEAKER | | SP201 | 1-826-960-11 | SPEAKER (6.6cm) (R-CH) | |
| 55 | 3-285-559-01 | WINDOW (LCD) | | | | | |

4-3. CABINET (UPPER) SECTION



| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|-----------------------------|--------|----------|--------------|-------------------------|--------|
| 101 | X-2318-228-1 | CABINET (UPPER) SUB ASSY | | 105 | 3-259-210-01 | CUSHION (H) | |
| 102 | A-1547-621-A | KEY (TAG) BOARD, COMPLETE | | 106 | A-1547-622-A | IP DOCK BOARD, COMPLETE | |
| 103 | 3-254-151-01 | SCREW (B2.6), (+) P TAPPING | | 107 | 3-268-453-11 | COVER (CONNECTOR) | |
| 104 | A-1547-620-A | KEY (MAIN) BOARD, COMPLETE | | | | | |

4-4. CHASSIS SECTION



| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|-----------------------------|--------|----------|--------------|--|--------|
| 151 | 3-198-658-01 | COVER (DSP01, A) | | 160 | 3-876-441-01 | CHASSIS (MICRO COM PC BOARD) | |
| 152 | 3-198-659-01 | COVER (DSP01, B) | | 161 | X-2318-229-1 | MICON BOARD, COMPLETE | |
| 153 | 3-285-558-01 | HOLDER (SW) | | 162 | A-1546-249-A | POWER BOARD, COMPLETE | |
| 154 | 3-254-151-01 | SCREW (B2.6), (+) P TAPPING | | 163 | 3-285-557-01 | HOLDER (JACK) | |
| 155 | 3-259-210-01 | CUSHION (H) | | CN2 | 1-815-513-22 | CONNECTOR, COAXIAL (F TYPE) (ANTENNA FM) | |
| 156 | A-1546-248-A | MAIN BOARD, COMPLETE | | △ T901 | 1-474-111-11 | POWER UNIT | |
| 157 | 3-197-151-01 | CASE (LID), SHIELD | | IDM1 | A-1256-714-A | TUNER UNIT (TUX-HD01) | |
| 158 | 3-197-151-11 | CASE (LID), SHIELD | | W1 | 1-835-438-21 | CABLE, FLEXIBLE FLAT (11 CORE) | |
| 159 | 3-285-556-01 | CHASSIS | | | | | |

**SECTION 5
ELECTRICAL PARTS LIST**

FAN CONNECTING **IP DOCK**

KEY (MAIN) **KEY (TAG)**

Note:

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

- CAPACITORS
uF: μF
- COILS
uH: μH
- SEMICONDUCTORS
In each case, u: μ, for example:
uA. . . : μA. . . , uPA. . . , μPA. . . ,
uPB. . . : μPB. . . , uPC. . . , μPC. . . ,
uPD. . . : μPD. . .

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 |
|----------|--------------|---|--------|
| | A-1547-623-A | FAN CONNECTING BOARD, COMPLETE ***** | |
| | | < CONNECTOR > | |
| CN981 | 1-564-718-11 | PIN, CONNECTOR (SMALL TYPE) 2P ***** | |
| | A-1547-622-A | IP DOCK BOARD, COMPLETE ***** | |
| | | < CAPACITOR > | |
| C601 | 1-125-777-11 | CERAMIC CHIP 0.1uF 10% 10V | |
| C602 | 1-125-777-11 | CERAMIC CHIP 0.1uF 10% 10V | |
| C607 | 1-125-777-11 | CERAMIC CHIP 0.1uF 10% 10V | |
| | | < CONNECTOR > | |
| CN601 | 1-774-766-61 | CONNECTOR, FFC/FPC 11P | |
| CN602 | 1-820-701-11 | PIN, CONNECTOR 30P (iPod) | |
| | | < FERRITE BEAD > | |
| FB601 | 1-500-282-11 | INDUCTOR, FERRITE BEAD | |
| FB602 | 1-500-282-11 | INDUCTOR, FERRITE BEAD | |
| FB603 | 1-500-282-11 | INDUCTOR, FERRITE BEAD | |
| FB604 | 1-500-282-11 | INDUCTOR, FERRITE BEAD | |
| FB605 | 1-500-282-11 | INDUCTOR, FERRITE BEAD | |
| FB606 | 1-457-421-21 | INDUCTOR, FERRITE BEAD (1608) | |
| FB607 | 1-500-282-11 | INDUCTOR, FERRITE BEAD | |
| FB608 | 1-457-421-21 | INDUCTOR, FERRITE BEAD (1608) | |
| FB609 | 1-500-282-11 | INDUCTOR, FERRITE BEAD | |
| | | < RESISTOR > | |
| R601 | 1-218-990-81 | SHORT CHIP 0 | |
| R608 | 1-208-943-11 | METAL CHIP 220K 0.5% 1/16W | |
| R609 | 1-208-947-11 | METAL CHIP 330K 0.5% 1/16W | |
| R610 | 1-218-892-11 | METAL CHIP 75K 0.5% 1/10W | |
| R611 | 1-218-892-11 | METAL CHIP 75K 0.5% 1/10W | |
| R612 | 1-208-935-11 | METAL CHIP 100K 0.5% 1/16W | |
| R613 | 1-208-935-11 | METAL CHIP 100K 0.5% 1/16W | |
| R614 | 1-208-935-11 | METAL CHIP 100K 0.5% 1/16W | |
| R615 | 1-208-935-11 | METAL CHIP 100K 0.5% 1/16W | |

| Ref. No. | Part No. | Description | Remark |
|----------|--------------|-------------------------------------|--------|
| | A-1547-620-A | KEY (MAIN) BOARD, COMPLETE ***** | |
| | | < RESISTOR > | |
| R801 | 1-216-821-11 | METAL CHIP 1K 5% 1/10W | |
| R802 | 1-216-825-11 | METAL CHIP 2.2K 5% 1/10W | |
| R803 | 1-216-821-11 | METAL CHIP 1K 5% 1/10W | |
| R804 | 1-216-825-11 | METAL CHIP 2.2K 5% 1/10W | |
| R805 | 1-216-829-11 | METAL CHIP 4.7K 5% 1/10W | |
| R806 | 1-216-829-11 | METAL CHIP 4.7K 5% 1/10W | |
| R807 | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R808 | 1-216-829-11 | METAL CHIP 4.7K 5% 1/10W | |
| R809 | 1-216-829-11 | METAL CHIP 4.7K 5% 1/10W | |
| R810 | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R811 | 1-216-829-11 | METAL CHIP 4.7K 5% 1/10W | |
| R812 | 1-216-837-11 | METAL CHIP 22K 5% 1/10W | |
| R813 | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R814 | 1-216-845-11 | METAL CHIP 100K 5% 1/10W | |
| R815 | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R816 | 1-216-829-11 | METAL CHIP 4.7K 5% 1/10W | |
| | | < SWITCH > | |
| S801 | 1-554-937-11 | SWITCH, TACTILE (POWER) | |
| S802 | 1-554-937-11 | SWITCH, TACTILE (iPod/▶▶▶) | |
| S803 | 1-554-937-11 | SWITCH, TACTILE (RADIO/BAND) | |
| S804 | 1-554-937-11 | SWITCH, TACTILE (AUDIO IN) | |
| S805 | 1-554-937-11 | SWITCH, TACTILE (PRESET-/◀◀◀) | |
| S806 | 1-554-937-11 | SWITCH, TACTILE (PRESET+/▶▶▶) | |
| S807 | 1-554-937-11 | SWITCH, TACTILE (MENU) | |
| S808 | 1-554-937-11 | SWITCH, TACTILE (TUNE -/SEL ◀) | |
| S809 | 1-554-937-11 | SWITCH, TACTILE (TUNE +/SEL ▶) | |
| S810 | 1-554-937-11 | SWITCH, TACTILE (SURROUND/ENTER) | |
| S811 | 1-554-937-11 | SWITCH, TACTILE (VOLUME -) | |
| S812 | 1-554-937-11 | SWITCH, TACTILE (VOLUME +) | |
| | | ***** | |
| | A-1547-621-A | KEY (TAG) BOARD, COMPLETE ***** | |
| | | < DIODE > | |
| D850 | 6-502-493-01 | LED SLC-22YY3F (Tag) | |
| | | < RESISTOR > | |
| R817 | 1-216-837-11 | METAL CHIP 22K 5% 1/10W | |
| R850 | 1-216-805-11 | METAL CHIP 47 5% 1/10W | |

| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|---|----------------|----------|--------------|-----------------------------|--------|
| | | < SWITCH > | | | | | |
| S813 | 1-554-937-11 | SWITCH, TACTILE (Tag) | | FB54 | 1-414-227-11 | INDUCTOR, FERRITE BEAD | |
| ***** | | | | FB55 | 1-414-227-11 | INDUCTOR, FERRITE BEAD | |
| | A-1546-248-A | MAIN BOARD, COMPLETE | | FB56 | 1-414-227-11 | INDUCTOR, FERRITE BEAD | |
| | | ***** | | | | < IC > | |
| | 3-259-210-01 | CUSHION (H) | | IC950 | 6-709-213-01 | IC NJM2387ADL3(TE2) | |
| | 3-285-558-01 | HOLDER (SW) | | IC951 | 6-710-536-01 | IC NJM2878F4-33(TE2) | |
| | | < CAPACITOR > | | IC952 | 6-709-213-01 | IC NJM2387ADL3(TE2) | |
| C3 | 1-100-567-81 | CERAMIC CHIP | 0.01uF 10% 25V | IC953 | 6-712-238-01 | IC NJM2845DL1-18(TE1) | |
| C4 | 1-100-567-81 | CERAMIC CHIP | 0.01uF 10% 25V | IC954 | 6-709-213-01 | IC NJM2387ADL3(TE2) | |
| C5 | 1-100-567-81 | CERAMIC CHIP | 0.01uF 10% 25V | | | | |
| C6 | 1-100-567-81 | CERAMIC CHIP | 0.01uF 10% 25V | IC955 | 6-709-213-01 | IC NJM2387ADL3(TE2) | |
| C7 | 1-100-567-81 | CERAMIC CHIP | 0.01uF 10% 25V | IC990 | 6-709-213-01 | IC NJM2387ADL3(TE2) | |
| | | < TRANSISTOR > | | | | | |
| C8 | 1-126-947-11 | ELECT | 47uF 20% 35V | Q1 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | |
| C16 | 1-100-567-81 | CERAMIC CHIP | 0.01uF 10% 25V | Q2 | 8-729-029-14 | TRANSISTOR DTC144EUA-T106 | |
| C31 | 1-164-935-11 | CERAMIC CHIP | 470PF 10% 50V | Q950 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | |
| C41 | 1-164-935-11 | CERAMIC CHIP | 470PF 10% 50V | Q951 | 8-729-028-97 | TRANSISTOR DTC114TUA-T106 | |
| C52 | 1-100-567-81 | CERAMIC CHIP | 0.01uF 10% 25V | Q952 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | |
| C63 | 1-100-567-81 | CERAMIC CHIP | 0.01uF 10% 25V | Q953 | 8-729-028-97 | TRANSISTOR DTC114TUA-T106 | |
| C950 | 1-115-156-11 | CERAMIC CHIP | 1uF 10V | Q954 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | |
| C951 | 1-126-935-11 | ELECT | 470uF 20% 16V | Q955 | 8-729-028-97 | TRANSISTOR DTC114TUA-T106 | |
| C952 | 1-126-964-11 | ELECT | 10uF 20% 50V | Q956 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | |
| C953 | 1-125-777-11 | CERAMIC CHIP | 0.1uF 10% 10V | Q957 | 8-729-028-97 | TRANSISTOR DTC114TUA-T106 | |
| C954 | 1-165-908-11 | CERAMIC CHIP | 1uF 10% 10V | Q958 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | |
| C955 | 1-115-156-11 | CERAMIC CHIP | 1uF 10V | Q959 | 8-729-028-97 | TRANSISTOR DTC114TUA-T106 | |
| C958 | 1-115-156-11 | CERAMIC CHIP | 1uF 10V | Q990 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | |
| C959 | 1-126-935-11 | ELECT | 470uF 20% 16V | Q991 | 8-729-028-97 | TRANSISTOR DTC114TUA-T106 | |
| C961 | 1-165-908-11 | CERAMIC CHIP | 1uF 10% 10V | | | < RESISTOR > | |
| C962 | 1-126-935-11 | ELECT | 470uF 20% 16V | R1 | 1-218-990-81 | SHORT CHIP 0 | |
| C963 | 1-115-156-11 | CERAMIC CHIP | 1uF 10V | R2 | 1-218-990-81 | SHORT CHIP 0 | |
| C964 | 1-126-935-11 | ELECT | 470uF 20% 16V | R3 | 1-218-990-81 | SHORT CHIP 0 | |
| C990 | 1-126-935-11 | ELECT | 470uF 20% 16V | R4 | 1-218-990-81 | SHORT CHIP 0 | |
| C992 | 1-115-156-11 | CERAMIC CHIP | 1uF 10V | R5 | 1-218-990-81 | SHORT CHIP 0 | |
| C993 | 1-125-777-11 | CERAMIC CHIP | 0.1uF 10% 10V | R6 | 1-218-990-81 | SHORT CHIP 0 | |
| | | < TERMINAL BOARD > | | R7 | 1-218-990-81 | SHORT CHIP 0 | |
| CN1 | 1-780-519-11 | TERMINAL BOARD (ANTENNA 2P) (ANTENNAAM) | | R8 | 1-218-990-81 | SHORT CHIP 0 | |
| | | < CONNECTOR > | | R9 | 1-218-990-81 | SHORT CHIP 0 | |
| CN302 | 1-774-766-61 | CONNECTOR, FFC/FPC 11P | | R10 | 1-218-990-81 | SHORT CHIP 0 | |
| CN402 | 1-822-093-11 | PIN, CONNECTOR (PC BOARD) 13P | | R11 | 1-218-990-81 | SHORT CHIP 0 | |
| CN901 | 1-822-094-11 | PIN, CONNECTOR (PC BOARD) 14P | | R12 | 1-218-990-81 | SHORT CHIP 0 | |
| | | < DIODE > | | R13 | 1-218-953-11 | RES-CHIP 1K 5% 1/16W | |
| D950 | 8-719-988-61 | DIODE 1SS355TE-17 | | R14 | 1-218-957-11 | RES-CHIP 2.2K 5% 1/16W | |
| D951 | 8-719-941-09 | DIODE DAP202U | | R15 | 1-218-957-11 | RES-CHIP 2.2K 5% 1/16W | |
| D952 | 8-719-941-09 | DIODE DAP202U | | R16 | 1-218-953-11 | RES-CHIP 1K 5% 1/16W | |
| D953 | 8-719-988-61 | DIODE 1SS355TE-17 | | R17 | 1-218-969-11 | RES-CHIP 22K 5% 1/16W | |
| D990 | 8-719-988-61 | DIODE 1SS355TE-17 | | R18 | 1-218-973-11 | RES-CHIP 47K 5% 1/16W | |
| | | < TUNER UNIT > | | R19 | 1-218-961-11 | RES-CHIP 4.7K 5% 1/16W | |
| IDM1 | A-1256-714-A | TUNER UNIT (TUX-HD01) | | R31 | 1-218-949-11 | RES-CHIP 470 5% 1/16W | |
| | | < FERRITE BEAD > | | R41 | 1-218-949-11 | RES-CHIP 470 5% 1/16W | |
| FB51 | 1-414-227-11 | INDUCTOR, FERRITE BEAD | | R51 | 1-218-953-11 | RES-CHIP 1K 5% 1/16W | |
| FB52 | 1-414-227-11 | INDUCTOR, FERRITE BEAD | | R52 | 1-218-990-81 | SHORT CHIP 0 | |
| FB53 | 1-414-227-11 | INDUCTOR, FERRITE BEAD | | R53 | 1-218-990-81 | SHORT CHIP 0 | |
| | | | | R54 | 1-218-990-81 | SHORT CHIP 0 | |
| | | | | R55 | 1-218-990-81 | SHORT CHIP 0 | |
| | | | | R950 | 1-218-953-11 | RES-CHIP 1K 5% 1/16W | |
| | | | | R951 | 1-218-973-11 | RES-CHIP 47K 5% 1/16W | |
| | | | | R952 | 1-218-973-11 | RES-CHIP 47K 5% 1/16W | |
| | | | | R953 | 1-208-675-11 | METAL CHIP 470 0.5% 1/16W | |

XDR-S10HDiP

MAIN **MICON**

| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|--------------------------|-----------------|----------|---------------|--------------------------|--------|
| R954 | 1-208-855-81 | METAL CHIP | 47 0.5% 1/16W | C416 | 1-107-820-11 | CERAMIC CHIP 0.1uF | 16V |
| R955 | 1-208-683-11 | METAL CHIP | 1K 0.5% 1/16W | C417 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R956 | 1-218-973-11 | RES-CHIP | 47K 5% 1/16W | C418 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R957 | 1-218-973-11 | RES-CHIP | 47K 5% 1/16W | C419 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R958 | 1-218-953-11 | RES-CHIP | 1K 5% 1/16W | C420 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R959 | 1-218-973-11 | RES-CHIP | 47K 5% 1/16W | C421 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R960 | 1-218-973-11 | RES-CHIP | 47K 5% 1/16W | C422 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R961 | 1-218-953-11 | RES-CHIP | 1K 5% 1/16W | C423 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R962 | 1-218-953-11 | RES-CHIP | 1K 5% 1/16W | C424 | 1-100-567-81 | CERAMIC CHIP 0.01uF 10% | 25V |
| R963 | 1-218-961-11 | RES-CHIP | 4.7K 5% 1/16W | C425 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R964 | 1-218-953-11 | RES-CHIP | 1K 5% 1/16W | C426 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R965 | 1-218-973-11 | RES-CHIP | 47K 5% 1/16W | C427 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R966 | 1-218-973-11 | RES-CHIP | 47K 5% 1/16W | C428 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R967 | 1-218-953-11 | RES-CHIP | 1K 5% 1/16W | C429 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R968 | 1-208-683-11 | METAL CHIP | 1K 0.5% 1/16W | C430 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R969 | 1-208-683-11 | METAL CHIP | 1K 0.5% 1/16W | C431 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R970 | 1-218-973-11 | RES-CHIP | 47K 5% 1/16W | C432 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R971 | 1-218-973-11 | RES-CHIP | 47K 5% 1/16W | C433 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R972 | 1-218-953-11 | RES-CHIP | 1K 5% 1/16W | C434 | 1-165-908-11 | CERAMIC CHIP 1uF 10% | 10V |
| R973 | 1-218-953-11 | RES-CHIP | 1K 5% 1/16W | C435 | 1-127-573-11 | CERAMIC CHIP 1uF 10% | 16V |
| R974 | 1-218-957-11 | RES-CHIP | 2.2K 5% 1/16W | C436 | 1-127-573-11 | CERAMIC CHIP 1uF 10% | 16V |
| R975 | 1-218-953-11 | RES-CHIP | 1K 5% 1/16W | C437 | 1-127-573-11 | CERAMIC CHIP 1uF 10% | 16V |
| R976 | 1-218-957-11 | RES-CHIP | 2.2K 5% 1/16W | C438 | 1-127-573-11 | CERAMIC CHIP 1uF 10% | 16V |
| R977 | 1-208-683-11 | METAL CHIP | 1K 0.5% 1/16W | C439 | 1-165-908-11 | CERAMIC CHIP 1uF 10% | 10V |
| R990 | 1-208-683-11 | METAL CHIP | 1K 0.5% 1/16W | C440 | 1-165-908-11 | CERAMIC CHIP 1uF 10% | 10V |
| R991 | 1-218-848-11 | METAL CHIP | 1.1K 0.5% 1/10W | C441 | 1-165-908-11 | CERAMIC CHIP 1uF 10% | 10V |
| R992 | 1-208-683-11 | METAL CHIP | 1K 0.5% 1/16W | C442 | 1-165-908-11 | CERAMIC CHIP 1uF 10% | 10V |
| R993 | 1-208-683-11 | METAL CHIP | 1K 0.5% 1/16W | C443 | 1-127-573-11 | CERAMIC CHIP 1uF 10% | 16V |
| R994 | 1-218-953-11 | RES-CHIP | 1K 5% 1/16W | C444 | 1-115-156-11 | CERAMIC CHIP 1uF | 10V |
| R995 | 1-218-973-11 | RES-CHIP | 47K 5% 1/16W | C445 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R996 | 1-218-973-11 | RES-CHIP | 47K 5% 1/16W | C446 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R997 | 1-218-969-11 | RES-CHIP | 22K 5% 1/16W | C447 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R998 | 1-218-977-11 | RES-CHIP | 100K 5% 1/16W | C448 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| | | < SWITCH > | | C449 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| S1 | 1-554-088-00 | SWITCH, KEYBOARD (RESET) | | C450 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| | | < THERMISTOR > | | C451 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| TH1 | 1-805-074-11 | THERMISTOR | | C452 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| ***** | | | | | | | |
| | X-2318-229-1 | MICON BOARD, COMPLETE | | C453 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| | | ***** | | C454 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| | 2-631-557-01 | CUSHION (SW) | | C455 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| | 3-100-678-01 | HOLDER (LCD) | | C456 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| | 3-100-679-01 | REFLECTOR (LCD) | | C457 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| | 3-100-680-01 | PLATE (LCD), LIGHT GUIDE | | C458 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| | 3-100-681-01 | SHEET (LCD), DIFFUSION | | C459 | 1-164-937-11 | CERAMIC CHIP 0.001uF 10% | 50V |
| | 4-107-797-01 | SHEET (RAY CATCHER) | | C460 | 1-164-937-11 | CERAMIC CHIP 0.001uF 10% | 50V |
| | | < CAPACITOR > | | C461 | 1-125-777-11 | CERAMIC CHIP 0.1uF 10% | 10V |
| C301 | 1-100-567-81 | CERAMIC CHIP | 0.01uF 10% 25V | C462 | 1-100-567-81 | CERAMIC CHIP 0.01uF 10% | 25V |
| C401 | 1-164-874-11 | CERAMIC CHIP | 100PF 5% 50V | C463 | 1-125-777-11 | CERAMIC CHIP 0.1uF 10% | 10V |
| C402 | 1-162-919-11 | CERAMIC CHIP | 22PF 5% 50V | C468 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| C403 | 1-162-919-11 | CERAMIC CHIP | 22PF 5% 50V | C469 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| C409 | 1-115-156-11 | CERAMIC CHIP | 1uF 10V | C470 | 1-165-908-11 | CERAMIC CHIP 1uF 10% | 10V |
| C412 | 1-164-874-11 | CERAMIC CHIP | 100PF 5% 50V | C473 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| C413 | 1-125-777-11 | CERAMIC CHIP | 0.1uF 10% 10V | C474 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| C414 | 1-100-567-81 | CERAMIC CHIP | 0.01uF 10% 25V | C701 | 1-125-777-11 | CERAMIC CHIP 0.1uF 10% | 10V |
| C415 | 1-125-777-11 | CERAMIC CHIP | 0.1uF 10% 10V | C702 | 1-164-937-11 | CERAMIC CHIP 0.001uF 10% | 50V |
| | | | | C703 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| | | | | C704 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| | | | | | < CONNECTOR > | | |
| | | | | CN403 | 1-774-766-61 | CONNECTOR, FFC/FPC 11P | |
| | | | | * CN405 | 1-568-271-11 | SOCKET, CONNECTOR 5P | |

| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|----------------|------------------------------------|--------|--------------|-----------------------------|-----------------------------|--------|
| | | < DIODE > | | R472 | 1-218-985-11 | RES-CHIP 470K 5% | 1/16W |
| D401 | 6-502-332-01 | LED SDPW31H1C0000 (LCD BACK LIGHT) | | R473 | 1-218-985-11 | RES-CHIP 470K 5% | 1/16W |
| D402 | 6-502-332-01 | LED SDPW31H1C0000 (LCD BACK LIGHT) | | R474 | 1-218-969-11 | RES-CHIP 22K 5% | 1/16W |
| D403 | 8-719-069-29 | DIODE RB520S-30FJTE61 | | R505 | 1-218-969-11 | RES-CHIP 22K 5% | 1/16W |
| D404 | 8-719-988-61 | DIODE 1SS355TE-17 | | R506 | 1-218-929-11 | RES-CHIP 10 5% | 1/16W |
| | | < IC > | | R507 | 1-218-929-11 | RES-CHIP 10 5% | 1/16W |
| IC401 | (Not supplied) | IC R5F3640MDFAR | | R519 | 1-218-961-11 | RES-CHIP 4.7K 5% | 1/16W |
| IC402 | 6-711-086-01 | IC AT24C256BN-SH-T | | R520 | 1-218-961-11 | RES-CHIP 4.7K 5% | 1/16W |
| IC403 | 6-702-148-01 | IC XC61CN2702NR | | R521 | 1-218-977-11 | RES-CHIP 100K 5% | 1/16W |
| IC405 | 6-600-349-31 | IC NJL24H400A (IR) | | R522 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W |
| IC701 | 6-712-828-01 | IC MFI341S2163 | | R524 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W |
| | | < LIQUID CRYSTAL DISPLAY > | | R525 | 1-218-985-11 | RES-CHIP 470K 5% | 1/16W |
| LCD401 | 1-802-707-11 | DISPLAY PANEL, LIQUID CRYSTAL | | R526 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W |
| | | < TRANSISTOR > | | | | < NETWORK RESISTOR > | |
| Q403 | 6-551-696-01 | TRANSISTOR ISA1235AC1TP-1EF | | RB401 | 1-239-686-11 | RES, NETWORK 1KX4 | |
| Q404 | 8-729-620-07 | TRANSISTOR 2SC3052EF-T1-LEF | | RB402 | 1-239-686-11 | RES, NETWORK 1KX4 | |
| Q405 | 8-729-620-07 | TRANSISTOR 2SC3052EF-T1-LEF | | RB403 | 1-239-686-11 | RES, NETWORK 1KX4 | |
| Q406 | 8-729-027-44 | TRANSISTOR DTC114TKA-T146 | | RB404 | 1-239-674-81 | RES, NETWORK 100X4 | |
| Q407 | 8-729-620-07 | TRANSISTOR 2SC3052EF-T1-LEF | | RB405 | 1-234-375-21 | RES, NETWORK 1KX4 (1005) | |
| Q408 | 8-729-620-07 | TRANSISTOR 2SC3052EF-T1-LEF | | RB406 | 1-239-674-81 | RES, NETWORK 100X4 | |
| Q409 | 6-551-696-01 | TRANSISTOR ISA1235AC1TP-1EF | | RB407 | 1-234-375-21 | RES, NETWORK 1KX4 (1005) | |
| Q410 | 8-729-620-07 | TRANSISTOR 2SC3052EF-T1-LEF | | RB408 | 1-234-375-21 | RES, NETWORK 1KX4 (1005) | |
| | | < RESISTOR > | | RB409 | 1-234-375-21 | RES, NETWORK 1KX4 (1005) | |
| R301 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W | RB410 | 1-234-375-21 | RES, NETWORK 1KX4 (1005) | |
| R401 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W | RB411 | 1-239-686-11 | RES, NETWORK 1KX4 | |
| R402 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W | RB412 | 1-239-674-81 | RES, NETWORK 100X4 | |
| R403 | 1-218-981-11 | RES-CHIP 220K 5% | 1/16W | RB413 | 1-234-375-21 | RES, NETWORK 1KX4 (1005) | |
| R404 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W | RB414 | 1-234-375-21 | RES, NETWORK 1KX4 (1005) | |
| R406 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W | RB415 | 1-239-686-11 | RES, NETWORK 1KX4 | |
| R407 | 1-218-985-11 | RES-CHIP 470K 5% | 1/16W | RB416 | 1-239-702-81 | RES, NETWORK 22KX4 | |
| R408 | 1-218-985-11 | RES-CHIP 470K 5% | 1/16W | RB417 | 1-239-686-11 | RES, NETWORK 1KX4 | |
| R409 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W | RB418 | 1-239-698-11 | RES, NETWORK 10KX4 | |
| R411 | 1-218-929-11 | RES-CHIP 10 5% | 1/16W | RB420 | 1-239-686-11 | RES, NETWORK 1KX4 | |
| R413 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W | | | < VIBRATOR > | |
| R414 | 1-218-941-81 | RES-CHIP 100 5% | 1/16W | X401 | 1-813-202-11 | VIBRATOR, CRYSTAL (32kHz) | |
| R415 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W | X402 | 1-813-988-21 | VIBRATOR, CERAMIC (5.53MHz) | |
| R416 | 1-218-985-11 | RES-CHIP 470K 5% | 1/16W | ***** | | | |
| R417 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W | A-1546-249-A | POWER BOARD, COMPLETE | | |
| R418 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W | ***** | | | |
| R419 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W | 3-253-143-01 | SCREW (B2.6), (+) P TAPPING | | |
| R420 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W | 3-254-151-01 | SCREW (B2.6), (+) P TAPPING | | |
| R435 | 1-218-929-11 | RES-CHIP 10 5% | 1/16W | 3-285-557-01 | HOLDER (JACK) | | |
| R436 | 1-218-929-11 | RES-CHIP 10 5% | 1/16W | | | < CAPACITOR > | |
| R437 | 1-218-945-11 | RES-CHIP 220 5% | 1/16W | C103 | 1-100-415-11 | CERAMIC CHIP 0.47uF 10% | 6.3V |
| R438 | 1-218-949-11 | RES-CHIP 470 5% | 1/16W | C104 | 1-164-937-11 | CERAMIC CHIP 0.001uF 10% | 50V |
| R439 | 1-218-945-11 | RES-CHIP 220 5% | 1/16W | C105 | 1-164-870-11 | CERAMIC CHIP 68PF 5% | 50V |
| R440 | 1-218-937-11 | RES-CHIP 47 5% | 1/16W | C106 | 1-164-854-11 | CERAMIC CHIP 15PF 5% | 50V |
| R441 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W | C107 | 1-164-854-11 | CERAMIC CHIP 15PF 5% | 50V |
| R451 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W | C108 | 1-164-870-11 | CERAMIC CHIP 68PF 5% | 50V |
| R452 | 1-218-929-11 | RES-CHIP 10 5% | 1/16W | C109 | 1-100-506-11 | CERAMIC CHIP 1uF 20% | 6.3V |
| R453 | 1-218-941-81 | RES-CHIP 100 5% | 1/16W | C110 | 1-164-874-11 | CERAMIC CHIP 100PF 5% | 50V |
| R456 | 1-218-977-11 | RES-CHIP 100K 5% | 1/16W | C111 | 1-164-870-11 | CERAMIC CHIP 68PF 5% | 50V |
| R459 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W | C112 | 1-164-854-11 | CERAMIC CHIP 15PF 5% | 50V |
| R468 | 1-218-989-11 | RES-CHIP 1M 5% | 1/16W | C113 | 1-164-870-11 | CERAMIC CHIP 68PF 5% | 50V |
| R469 | 1-208-935-11 | METAL CHIP 100K 0.5% | 1/16W | C114 | 1-164-854-11 | CERAMIC CHIP 15PF 5% | 50V |
| R470 | 1-208-943-11 | METAL CHIP 220K 0.5% | 1/16W | C115 | 1-165-908-11 | CERAMIC CHIP 1uF 10% | 10V |
| | | | | C116 | 1-164-939-11 | CERAMIC CHIP 0.0022uF 10% | 50V |

XDR-S10HDiP

POWER

| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|---------------------|----------|----------|--------------|-----------------------|----------|
| C117 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C203 | 1-100-415-11 | CERAMIC CHIP 0.47uF | 10% 6.3V |
| C118 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C204 | 1-164-937-11 | CERAMIC CHIP 0.001uF | 10% 50V |
| C119 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C205 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C120 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C206 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C121 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C207 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C122 | 1-165-887-11 | CERAMIC CHIP 0.22uF | 10% 6.3V | C208 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C123 | 1-165-887-11 | CERAMIC CHIP 0.22uF | 10% 6.3V | C209 | 1-100-506-11 | CERAMIC CHIP 1uF | 20% 6.3V |
| C124 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C210 | 1-164-874-11 | CERAMIC CHIP 100PF | 5% 50V |
| C125 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C211 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C126 | 1-100-506-11 | CERAMIC CHIP 1uF | 20% 6.3V | C212 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C127 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C213 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C128 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C214 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C129 | 1-100-506-11 | CERAMIC CHIP 1uF | 20% 6.3V | C215 | 1-165-908-11 | CERAMIC CHIP 1uF | 10% 10V |
| C130 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C216 | 1-164-939-11 | CERAMIC CHIP 0.0022uF | 10% 50V |
| C131 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C217 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C132 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C218 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C133 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C219 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C134 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C220 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C135 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C221 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C136 | 1-127-573-11 | CERAMIC CHIP 1uF | 10% 16V | C222 | 1-165-887-11 | CERAMIC CHIP 0.22uF | 10% 6.3V |
| C137 | 1-127-573-11 | CERAMIC CHIP 1uF | 10% 16V | C223 | 1-165-887-11 | CERAMIC CHIP 0.22uF | 10% 6.3V |
| C138 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C224 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C139 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C225 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C140 | 1-165-887-11 | CERAMIC CHIP 0.22uF | 10% 6.3V | C226 | 1-100-506-11 | CERAMIC CHIP 1uF | 20% 6.3V |
| C141 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C227 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C142 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C228 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C143 | 1-165-887-11 | CERAMIC CHIP 0.22uF | 10% 6.3V | C229 | 1-100-506-11 | CERAMIC CHIP 1uF | 20% 6.3V |
| C144 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C230 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C145 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C231 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C146 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C232 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C147 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C233 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C148 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C234 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C149 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C235 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C152 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C236 | 1-127-573-11 | CERAMIC CHIP 1uF | 10% 16V |
| C153 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C237 | 1-127-573-11 | CERAMIC CHIP 1uF | 10% 16V |
| C156 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C238 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C157 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C239 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C158 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C240 | 1-165-887-11 | CERAMIC CHIP 0.22uF | 10% 6.3V |
| C159 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C241 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C176 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C242 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C177 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C243 | 1-165-887-11 | CERAMIC CHIP 0.22uF | 10% 6.3V |
| C180 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C244 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C181 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C245 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C182 | 1-100-507-11 | CERAMIC CHIP 4.7uF | 20% 6.3V | C246 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C183 | 1-100-507-11 | CERAMIC CHIP 4.7uF | 20% 6.3V | C247 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C184 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C248 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C185 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C249 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C186 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C252 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C187 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C253 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C188 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C256 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C189 | 1-164-874-11 | CERAMIC CHIP 100PF | 5% 50V | C257 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C190 | 1-164-874-11 | CERAMIC CHIP 100PF | 5% 50V | C258 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C191 | 1-164-874-11 | CERAMIC CHIP 100PF | 5% 50V | C259 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C192 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C276 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C193 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C277 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C194 | 1-100-507-11 | CERAMIC CHIP 4.7uF | 20% 6.3V | C280 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V |
| C195 | 1-100-506-11 | CERAMIC CHIP 1uF | 20% 6.3V | C281 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |
| C196 | 1-164-874-11 | CERAMIC CHIP 100PF | 5% 50V | C282 | 1-100-507-11 | CERAMIC CHIP 4.7uF | 20% 6.3V |
| C197 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V | C283 | 1-100-507-11 | CERAMIC CHIP 4.7uF | 20% 6.3V |
| C198 | 1-164-854-11 | CERAMIC CHIP 15PF | 5% 50V | C284 | 1-164-870-11 | CERAMIC CHIP 68PF | 5% 50V |

| Ref. No. | Part No. | Description | | | Remark | Ref. No. | Part No. | Description | | | Remark |
|----------|--------------|--------------|--------|-----|--------|----------|--------------|-------------------------------|--------|-----|--------|
| C285 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | C379 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V |
| C286 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | C380 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C287 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | C381 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V |
| C288 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | C382 | 1-165-989-11 | CERAMIC CHIP | 10uF | 10% | 6.3V |
| C289 | 1-164-874-11 | CERAMIC CHIP | 100PF | 5% | 50V | C383 | 1-165-989-11 | CERAMIC CHIP | 10uF | 10% | 6.3V |
| C290 | 1-164-874-11 | CERAMIC CHIP | 100PF | 5% | 50V | C384 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C291 | 1-164-874-11 | CERAMIC CHIP | 100PF | 5% | 50V | C385 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V |
| C292 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | C901 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C293 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | C902 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C294 | 1-100-507-11 | CERAMIC CHIP | 4.7uF | 20% | 6.3V | C903 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V |
| C295 | 1-100-506-11 | CERAMIC CHIP | 1uF | 20% | 6.3V | C904 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V |
| C296 | 1-164-874-11 | CERAMIC CHIP | 100PF | 5% | 50V | C905 | 1-107-892-11 | ELECT | 4700uF | 20% | 25V |
| C297 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | C906 | 1-107-880-11 | ELECT | 4700uF | 20% | 10V |
| C298 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | C907 | 1-100-567-81 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C303 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | C908 | 1-100-567-81 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C304 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | C909 | 1-126-935-11 | ELECT | 470uF | 20% | 16V |
| C306 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | C910 | 1-100-567-81 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C307 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | C911 | 1-117-681-11 | ELECT CHIP | 100uF | 20% | 16V |
| C312 | 1-126-204-11 | ELECT CHIP | 47uF | 20% | 16V | C912 | 1-107-820-11 | CERAMIC CHIP | 0.1uF | | 16V |
| C313 | 1-100-415-11 | CERAMIC CHIP | 0.47uF | 10% | 6.3V | C913 | 1-126-918-11 | ELECT | 4700uF | 20% | 6.3V |
| C314 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | C914 | 1-100-506-11 | CERAMIC CHIP | 1uF | 20% | 6.3V |
| C315 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | C915 | 1-100-567-81 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C316 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | C916 | 1-100-567-81 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C317 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | C917 | 1-104-652-11 | ELECT | 470uF | 20% | 10V |
| C318 | 1-125-777-11 | CERAMIC CHIP | 0.1uF | 10% | 10V | C918 | 1-100-567-81 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C319 | 1-128-995-21 | ELECT CHIP | 100uF | 20% | 10V | C919 | 1-100-567-81 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C320 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | C920 | 1-104-652-11 | ELECT | 470uF | 20% | 10V |
| C321 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | C923 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C322 | 1-165-887-11 | CERAMIC CHIP | 0.22uF | 10% | 6.3V | C924 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V |
| C324 | 1-100-506-11 | CERAMIC CHIP | 1uF | 20% | 6.3V | C931 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V |
| C325 | 1-165-989-11 | CERAMIC CHIP | 10uF | 10% | 6.3V | C939 | 1-100-506-11 | CERAMIC CHIP | 1uF | 20% | 6.3V |
| C326 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | C940 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V |
| C327 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | C941 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C328 | 1-127-760-11 | CERAMIC CHIP | 4.7uF | 10% | 6.3V | C980 | 1-100-506-11 | CERAMIC CHIP | 1uF | 20% | 6.3V |
| C329 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | C981 | 1-124-779-00 | ELECT CHIP | 10uF | 20% | 16V |
| C330 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | | | < CONNECTOR > | | | |
| C331 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | CN311 | 1-580-183-11 | SOCKET, CONNECTOR 4P | | | |
| C332 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | CN401 | 1-822-091-11 | PIN, CONNECTOR (PC BOARD) 11P | | | |
| C333 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | CN980 | 1-580-181-11 | SOCKET, CONNECTOR 2P | | | |
| C334 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | | | < DIODE > | | | |
| C341 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | D101 | 8-719-941-09 | DIODE DAP202U | | | |
| C342 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | D201 | 8-719-941-09 | DIODE DAP202U | | | |
| C345 | 1-127-760-11 | CERAMIC CHIP | 4.7uF | 10% | 6.3V | D310 | 8-719-941-09 | DIODE DAP202U | | | |
| C346 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | D901 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| C347 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | D902 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| C348 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | D903 | 8-719-977-28 | DIODE DTZ10B | | | |
| C349 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | D904 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| C350 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | D905 | 8-719-069-55 | DIODE UDZSNPTE-175.6B | | | |
| C351 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | D906 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| C352 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | D907 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| C353 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | D908 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| C356 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | D909 | 8-719-046-47 | DIODE 1N5401TM | | | |
| C357 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | D910 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| C358 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | D911 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| C359 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | D912 | 8-719-056-78 | DIODE UDZ-TE-17-4.3B | | | |
| C360 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | D913 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| C361 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | D914 | 8-719-046-47 | DIODE 1N5401TM | | | |
| C376 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | D915 | 8-719-046-47 | DIODE 1N5401TM | | | |
| C377 | 1-164-870-11 | CERAMIC CHIP | 68PF | 5% | 50V | D916 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| C378 | 1-164-854-11 | CERAMIC CHIP | 15PF | 5% | 50V | | | | | | |

XDR-S10HDiP

POWER

| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|-------------------------------|--------|----------|--------------|------------------|--------|
| D917 | 8-719-988-61 | DIODE 1SS355TE-17 | | R111 | 1-218-961-11 | RES-CHIP 4.7K 5% | 1/16W |
| D918 | 8-719-083-58 | DIODE UDZSNPTE-173.9B | | R115 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W |
| D919 | 8-719-988-61 | DIODE 1SS355TE-17 | | R116 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W |
| | | < FERRITE BEAD > | | R117 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W |
| | | | | R118 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W |
| FB101 | 1-500-282-11 | INDUCTOR, FERRITE BEAD | | R119 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W |
| FB201 | 1-500-282-11 | INDUCTOR, FERRITE BEAD | | R120 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W |
| FB311 | 1-500-282-11 | INDUCTOR, FERRITE BEAD | | R121 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W |
| FB312 | 1-500-282-11 | INDUCTOR, FERRITE BEAD | | R181 | 1-218-959-11 | RES-CHIP 3.3K 5% | 1/16W |
| FB313 | 1-500-282-11 | INDUCTOR, FERRITE BEAD | | R182 | 1-218-977-11 | RES-CHIP 100K 5% | 1/16W |
| FB314 | 1-500-282-11 | INDUCTOR, FERRITE BEAD | | R183 | 1-218-977-11 | RES-CHIP 100K 5% | 1/16W |
| FB318 | 1-457-421-21 | INDUCTOR, FERRITE BEAD (1608) | | R184 | 1-218-977-11 | RES-CHIP 100K 5% | 1/16W |
| | | < IC > | | R185 | 1-218-977-11 | RES-CHIP 100K 5% | 1/16W |
| IC310 | 6-701-824-11 | IC BD3870FS-E2 | | R186 | 1-218-957-11 | RES-CHIP 2.2K 5% | 1/16W |
| IC311 | 6-713-021-01 | IC TDA7266P13TR | | R187 | 1-218-969-11 | RES-CHIP 22K 5% | 1/16W |
| IC380 | 6-707-702-01 | IC NJM2746RB1(TE2) | | R188 | 1-218-957-11 | RES-CHIP 2.2K 5% | 1/16W |
| IC901 | 6-710-962-01 | IC XC6213B332MR | | R189 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W |
| IC980 | 6-709-213-01 | IC NJM2387ADL3(TE2) | | R201 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W |
| | | < JACK > | | R202 | 1-218-969-11 | RES-CHIP 22K 5% | 1/16W |
| J310 | 1-563-857-31 | JACK, HEADPHONE (AUDIO IN) | | R203 | 1-218-969-11 | RES-CHIP 22K 5% | 1/16W |
| | | < TRANSISTOR > | | R204 | 1-218-961-11 | RES-CHIP 4.7K 5% | 1/16W |
| Q101 | 8-729-620-13 | TRANSISTOR 2SC4154TP-1EF | | R205 | 1-218-985-11 | RES-CHIP 470K 5% | 1/16W |
| Q102 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | | R206 | 1-218-981-11 | RES-CHIP 220K 5% | 1/16W |
| Q180 | 8-729-620-13 | TRANSISTOR 2SC4154TP-1EF | | R207 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W |
| Q201 | 8-729-620-13 | TRANSISTOR 2SC4154TP-1EF | | R208 | 1-218-961-11 | RES-CHIP 4.7K 5% | 1/16W |
| Q202 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | | R209 | 1-218-961-11 | RES-CHIP 4.7K 5% | 1/16W |
| Q280 | 8-729-620-13 | TRANSISTOR 2SC4154TP-1EF | | R210 | 1-218-981-11 | RES-CHIP 220K 5% | 1/16W |
| Q310 | 8-729-620-13 | TRANSISTOR 2SC4154TP-1EF | | R211 | 1-218-961-11 | RES-CHIP 4.7K 5% | 1/16W |
| Q380 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | | R215 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W |
| Q901 | 8-729-620-13 | TRANSISTOR 2SC4154TP-1EF | | R216 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W |
| Q902 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | | R217 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W |
| Q903 | 8-729-018-99 | TRANSISTOR 2SD2394-F | | R218 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W |
| Q904 | 8-729-140-96 | TRANSISTOR 2SD774-34 | | R219 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W |
| Q905 | 8-729-028-97 | TRANSISTOR DTC114TUA-T106 | | R220 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W |
| Q906 | 8-729-620-13 | TRANSISTOR 2SC4154TP-1EF | | R221 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W |
| Q907 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | | R281 | 1-218-959-11 | RES-CHIP 3.3K 5% | 1/16W |
| Q908 | 8-729-018-99 | TRANSISTOR 2SD2394-F | | R282 | 1-218-977-11 | RES-CHIP 100K 5% | 1/16W |
| Q909 | 8-729-028-97 | TRANSISTOR DTC114TUA-T106 | | R283 | 1-218-977-11 | RES-CHIP 100K 5% | 1/16W |
| Q910 | 8-729-620-13 | TRANSISTOR 2SC4154TP-1EF | | R284 | 1-218-977-11 | RES-CHIP 100K 5% | 1/16W |
| Q911 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | | R285 | 1-218-977-11 | RES-CHIP 100K 5% | 1/16W |
| Q912 | 8-729-018-99 | TRANSISTOR 2SD2394-F | | R286 | 1-218-957-11 | RES-CHIP 2.2K 5% | 1/16W |
| Q913 | 8-729-028-97 | TRANSISTOR DTC114TUA-T106 | | R287 | 1-218-969-11 | RES-CHIP 22K 5% | 1/16W |
| Q980 | 6-551-699-01 | TRANSISTOR ISA1602AM1TP-1EF | | R288 | 1-218-957-11 | RES-CHIP 2.2K 5% | 1/16W |
| Q981 | 8-729-028-97 | TRANSISTOR DTC114TUA-T106 | | R289 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W |
| Q982 | 8-729-028-97 | TRANSISTOR DTC114TUA-T106 | | R302 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W |
| | | < RESISTOR > | | R310 | 1-218-977-11 | RES-CHIP 100K 5% | 1/16W |
| R101 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W | R311 | 1-218-985-11 | RES-CHIP 470K 5% | 1/16W |
| R102 | 1-218-969-11 | RES-CHIP 22K 5% | 1/16W | R312 | 1-218-969-11 | RES-CHIP 22K 5% | 1/16W |
| R103 | 1-218-969-11 | RES-CHIP 22K 5% | 1/16W | R314 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W |
| R104 | 1-218-961-11 | RES-CHIP 4.7K 5% | 1/16W | R315 | 1-218-953-11 | RES-CHIP 1K 5% | 1/16W |
| R105 | 1-218-985-11 | RES-CHIP 470K 5% | 1/16W | R316 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W |
| R106 | 1-218-981-11 | RES-CHIP 220K 5% | 1/16W | R317 | 1-218-969-11 | RES-CHIP 22K 5% | 1/16W |
| R107 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W | R318 | 1-218-977-11 | RES-CHIP 100K 5% | 1/16W |
| R108 | 1-218-961-11 | RES-CHIP 4.7K 5% | 1/16W | R319 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W |
| R109 | 1-218-961-11 | RES-CHIP 4.7K 5% | 1/16W | R320 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W |
| R110 | 1-218-981-11 | RES-CHIP 220K 5% | 1/16W | R321 | 1-218-965-11 | RES-CHIP 10K 5% | 1/16W |
| | | | | R332 | 1-218-981-11 | RES-CHIP 220K 5% | 1/16W |
| | | | | R380 | 1-218-973-11 | RES-CHIP 47K 5% | 1/16W |
| | | | | R381 | 1-218-961-11 | RES-CHIP 4.7K 5% | 1/16W |
| | | | | R382 | 1-218-961-11 | RES-CHIP 4.7K 5% | 1/16W |

| Ref. No. | Part No. | Description | | | Remark |
|---------------|--------------|--|------|----|--------|
| R383 | 1-218-985-11 | RES-CHIP | 470K | 5% | 1/16W |
| R384 | 1-218-973-11 | RES-CHIP | 47K | 5% | 1/16W |
| R385 | 1-218-973-11 | RES-CHIP | 47K | 5% | 1/16W |
| R901 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R902 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R903 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R904 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R905 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R906 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R908 | 1-218-945-11 | RES-CHIP | 220 | 5% | 1/16W |
| R909 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R910 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R911 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R912 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R913 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R914 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R915 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R916 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R917 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R918 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R919 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R920 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R921 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R980 | 1-218-973-11 | RES-CHIP | 47K | 5% | 1/16W |
| R981 | 1-218-973-11 | RES-CHIP | 47K | 5% | 1/16W |
| R982 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R983 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R984 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W |
| R985 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R986 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R987 | 1-218-949-11 | RES-CHIP | 470 | 5% | 1/16W |
| ***** | | | | | |
| MISCELLANEOUS | | | | | |
| ***** | | | | | |
| CN2 | 1-815-513-22 | CONNECTOR, COAXIAL (F TYPE) (ANTENNA FM) | | | |
| △ M980 | 1-787-396-11 | D.C. FAN (50 SQUARE) | | | |
| SP101 | 1-826-960-11 | SPEAKER (6.6cm) (L-CH) | | | |
| SP201 | 1-826-960-11 | SPEAKER (6.6cm) (R-CH) | | | |
| △ T901 | 1-474-111-11 | POWER UNIT | | | |
| | | | | | |
| W1 | 1-835-438-21 | CABLE, FLEXIBLE FLAT (11 CORE) | | | |
| ***** | | | | | |
| ACCESSORIES | | | | | |
| ***** | | | | | |
| | 1-754-102-31 | ANTENNA, LOOP (AM) | | | |
| | 1-754-537-11 | ANTENNA, DIPOLE (FM) | | | |
| | 1-793-184-23 | CONNECTOR (F TYPE ADAPTOR) (FM) | | | |
| | 1-833-072-21 | CORD (WITH PLUG) (SP-SP) (for AUDIO) | | | |
| | 3-267-151-01 | LID, BATTERY (for RMT-CS10A) | | | |
| | | | | | |
| | 3-292-590-11 | MANUAL, INSTRUCTION (ENGLISH) | | | |
| | 3-873-771-01 | ADAPTOR (12) (for iPhone) | | | |
| | A-1497-347-A | REMOTE COMMANDER (RMT-CS10A) | | | |

