

CDX-GT66UPW

SERVICE MANUAL

US Model

Ver. 1.0 2012.06



- The tuner and CD sections have no adjustments.

Model Name Using Similar Mechanism	CDX-GT660UP
Mechanism Type	MG-101CA-188
Optical Pick-up Name	DAX-25A

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS



CEA2006 Standard
Power Output: 17 Watts RMS \times 4 at
4 Ohms < 1% THD+N
SN Ratio: 80 dBA
(reference: 1 Watt into 4 Ohms)

Tuner section

FM

Tuning range: 87.5 – 107.9 MHz
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 25 kHz
Usable sensitivity: 8 dBf
Selectivity: 75 dB at 400 kHz
Signal-to-noise ratio: 80 dB (stereo)
Separation: 50 dB at 1 kHz
Frequency response: 20 – 15,000 Hz

AM

Tuning range: 530 – 1,710 kHz
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency:
9,115 kHz or 9,125 kHz/5 kHz
Sensitivity: 26 μ V

CD Player section

Signal-to-noise ratio: 120 dB
Frequency response: 10 – 20,000 Hz
Wow and flutter: Below measurable limit

USB Player section

Interface: USB (Full-speed)
Maximum current: 1 A

Power amplifier section

Output: Speaker outputs
Speaker impedance: 4 – 8 ohms
Maximum power output: 52 W \times 4 (at 4 ohms)

General

Outputs:
Audio outputs terminal (front/rear)
Subwoofer output terminal (mono)
Power antenna (aerial)/Power amplifier control terminal (REM OUT)

Inputs:

Remote controller input terminal
Antenna (aerial) input terminal
Telephone ATT control terminal
AUX input jack (stereo mini jack)
USB signal input connector

Power requirements: 12 V DC car battery
(negative ground (earth))

Dimensions: Approx. 178 \times 50 \times 180 mm
(7 $\frac{1}{8}$ \times 2 \times 7 $\frac{1}{8}$ in) (w/h/d)

Mounting dimensions: Approx. 182 \times 53 \times 162 mm
(7 $\frac{1}{4}$ \times 2 $\frac{1}{8}$ \times 6 $\frac{1}{2}$ in) (w/h/d)

Mass: Approx. 1.3 kg (2 lb 14 oz)

Supplied accessories:

Remote commander: RM-X211
Parts for installation and connections (1 set)

Your dealer may not handle some of the above listed accessories. Please ask the dealer for detailed information.

Design and specifications are subject to change without notice.

System requirements for using SensMe™

Computer

- CPU/RAM
 - IBM PC/AT compatible machine
 - CPU: Intel Pentium III Processor 450 MHz or higher
 - RAM: 256 MB or more (For Windows XP), 512 MB or more (For Windows Vista or later)
- USB port

OS

Windows XP, Windows Vista, Windows 7

For details on compatible editions or Service Pack, visit the support site on the back cover.

Monitor

High color (16-bit) or more, 800 \times 600 dots or more

Other

Internet connection

Notes

- The following system environments are not supported.
 - Non IBM PC type computers, such as Macintosh, etc.
 - Homemade computers
 - OS upgraded computers
 - Multi-display environment
 - Multi-boot environment
 - Virtual machine environment
- Depending on the computer condition, operation may not be possible even with the recommended environment.

FM/AM COMPACT DISC PLAYER

9-893-486-01

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Sony Corporation

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Perchlorate Material: Lithium battery contains perchlorate

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CAUTION

The use of optical instruments with this product will increase eye hazard.

CAUTION

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

NOTES ON CHIP COMPONENT REPLACEMENT

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

FLEXIBLE CIRCUIT BOARD REPAIRING

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

SAFETY-RELATED COMPONENT 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.

**SECTION 1
SERVICING NOTES**

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

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

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

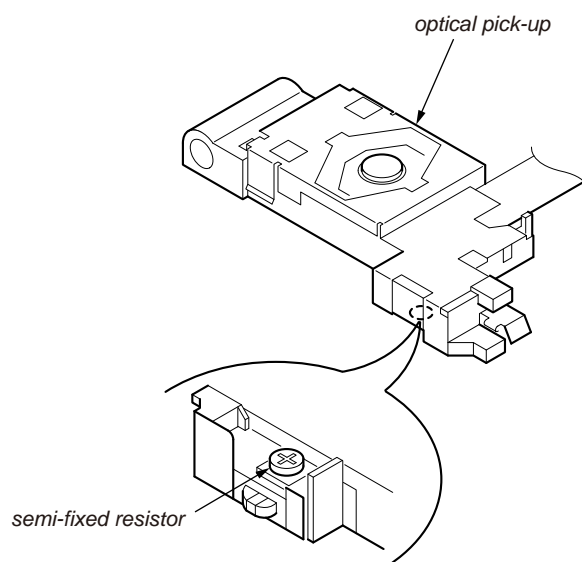
The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

Never look into the laser diode emission from right above when checking it for adjustment. It is feared that you will lose your sight.

If the optical pick-up block is defective, please replace the whole optical pick-up block.

Never turn the semi-fixed resistor located at the side of optical pick-up block.



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.

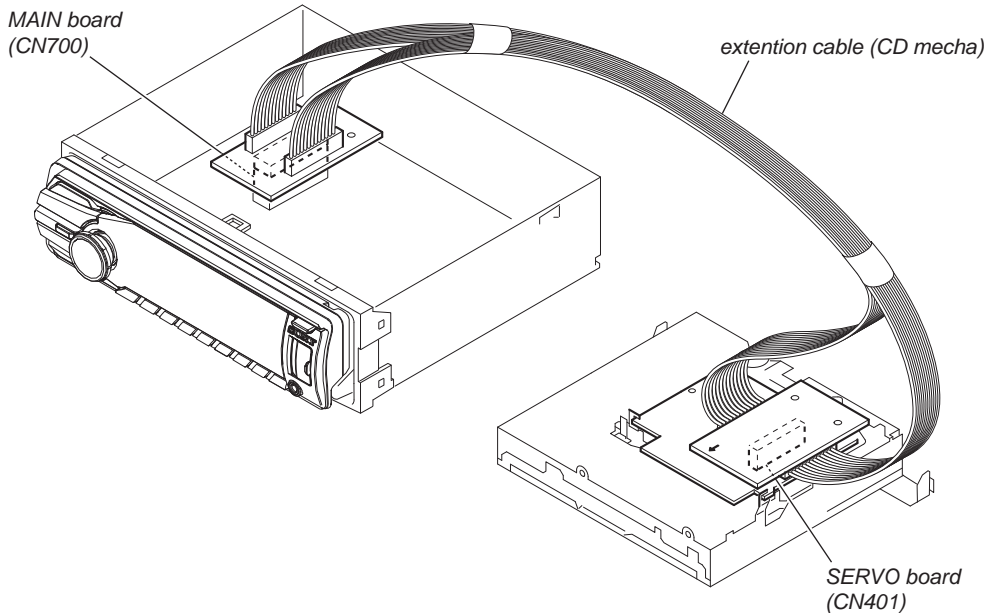
EXTENSION CABLE AND SERVICE POSITION

When repairing or servicing this set, connect the jig cable (extension cable (CD mecha)) as shown below.

- Connect the MAIN board (CN700) and the SERVO board (CN401) with the jig cable.

Jig cable:

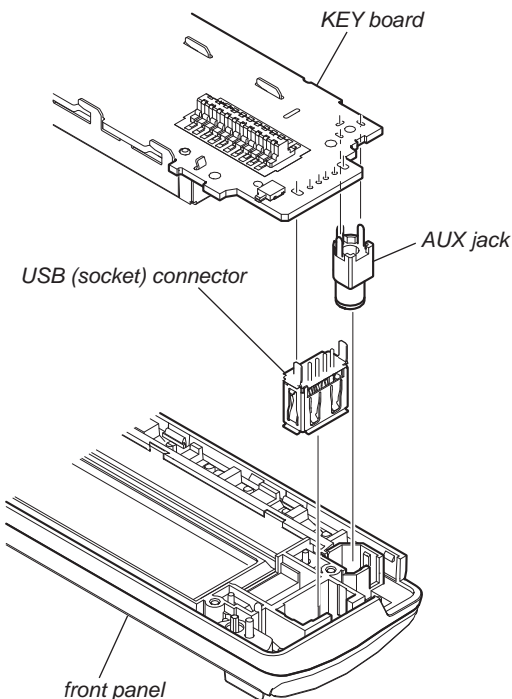
Part No.	Description
A-1818-424-A	EXTENSION CABLE (CD MECHA)



NOTE FOR REPLACEMENT OF THE USB CONNECTOR (CN971) AND THE AUX JACK (J901)

To replace the USB connector and the AUX jack requires alignment.

1. Insert the USB connector and the AUX jack into the front panel.
2. Place the KEY board on the front panel and align the terminals of the USB connector and the AUX jack with the holes in the KEY board.
3. Solder four terminals of the connector and three terminals of the jack.



TEST DISCS

Use following TEST DISC when this set confirms the operation and checks it.

Part No.	Description
3-702-101-01	DISC (YEDS-18), TEST (for CD)
4-225-203-01	DISC (PATD-012), TEST (for CD)

NOTE FOR REPLACEMENT OF THE SERVO BOARD

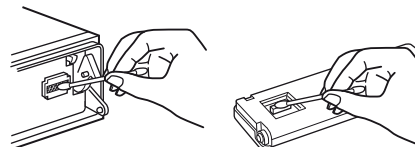
When repairing, the complete SERVO board should be replaced since any parts in the SERVO board cannot be repaired.

NOTE FOR REPLACEMENT OF THE SENSOR BOARD

When SENSOR board is defective, exchange the MECHANICAL BLOCK (11CA) ASSY.

Cleaning the connectors

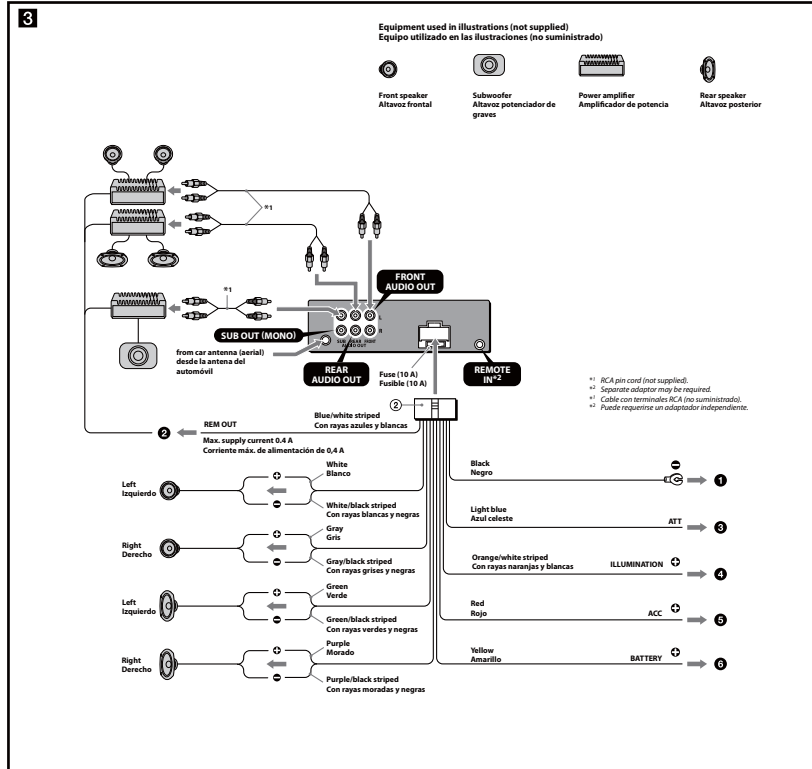
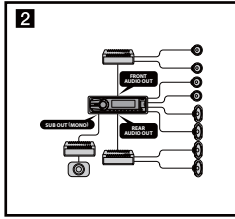
The unit may not function properly if the connectors between the unit and the front panel are not clean. In order to prevent this, detach the front panel and clean the connectors with a cotton swab. Do not apply too much force. Otherwise, the connectors may be damaged.



Notes

- For safety, turn off the ignition before cleaning the connectors, and remove the key from the ignition switch.
- Never touch the connectors directly with your fingers or with any metal device.

SECTION 2 GENERAL



English

Cautions

- This unit is designed for negative ground (earth) 12 V DC operation only.
 - Do not get the leads under a screw, or caught in moving parts (e.g. seat ralling).
 - Before making connections, turn the car ignition off to avoid short circuits.
 - Connect the yellow and red power supply leads only after all other leads have been connected.
 - Run all ground (earth) leads to a common ground (earth) point.
 - Be sure to insulate any loose unconnected leads with electrical tape for safety.
 - The use of optical instruments with this product will increase eye hazard.
- Notes on the power supply lead (yellow)**
- When connecting this unit in combination with other stereo components, the connected car circuit's rating must be higher than the sum of each component's fuse.
 - When no car circuits are rated high enough, connect the unit directly to the battery.

Connection example (2)

- Notes**
- Be sure to connect the ground (earth) lead before connecting the amplifier.
 - The alarm will only sound if the built-in amplifier is used.

Connection diagram (3)

- To a metal surface of the car
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.
- To the power antenna (aerial) control lead or power supply lead of antenna (aerial) booster
Notes
It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).
If your car has a built-in FMM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads".
- To AMP REMOTE IN of an optional power amplifier
This connection is only for amplifiers and a power antenna (aerial). Connecting any other system may damage the unit.
- To the interface cable of a car telephone
- To a car's illumination signal
Be sure to connect the black ground (earth) lead to a metal surface of the car first.
- To the +12 V power terminal which is energized in the accessory position of the ignition switch
Notes
If there is no necessary position, connect to the +12 V power (battery) terminal which is energized at all times.
Be sure to connect the black ground (earth) lead to a metal surface of the car first.
When your car has built-in FMM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads".
When your car has a built-in FMM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads".
A power antenna (aerial) without a relay box cannot be used with this unit.
- To the +12 V power terminal which is energized at all times
Be sure to connect the black ground (earth) lead to a metal surface of the car first.

- Notes on the control and power supply leads**
- REM OUT (blue/white striped) supplies +12 V DC when you turn on the unit.
 - When your car has built-in FMM antenna (aerial) in the rear/side glass, connect REM OUT (blue/white striped) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.
 - A power antenna (aerial) without a relay box cannot be used with this unit.
- Memory hold connection**
- When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.
- Notes on speaker connection**
- Before connecting the speakers, turn the unit off.
 - Use speakers with an impedance of 16 Ω or 8 Ω, and with adequate power handling capacities to avoid its damage.
 - Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.
 - Do not connect the ground (earth) lead of this unit to the negative (-) terminal of the speaker.
 - Do not attempt to connect the speakers in parallel.
 - Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.
 - To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (-) lead for the right and left speakers.
 - Do not connect the unit's speaker leads to each other.
- Note on connection**
- If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.

Español

Precauciones

- Esta unidad ha sido diseñada para alimentarse sólo con cc de 12 V de masa negativa.
 - No coloque los cables debajo de ningún tornillo, ni en la apriete con partes móviles (p. ej. los riales del asiento).
 - Antes de realizar las conexiones, apague el automóvil para evitar cortocircuitos.
 - Conecte los cables de fuente de alimentación amarillo y rojo solamente después de haber conectado los demás.
 - Conecte todos los cables de conexión a masa a un punto común.
 - Por razones de seguridad, asegúrese de aislar con cinta aislante los cables sueltos que no estén conectados.
 - El uso de instrumentos ópticos con este product aumenta el riesgo de sufrir daños oculares.
- Notas sobre el cable de fuente de alimentación (amarillo)**
- Cuando conecte esta unidad en combinación con otros componentes estéreo, la capacidad nominal del circuito conectado del automóvil debe ser superior a la suma del fusible de cada componente.
 - Si no hay circuitos del automóvil con capacidad nominal suficientemente alta, conecte la unidad directamente a la batería.

Ejemplo de conexiones (2)

- Notes**
- Asegúrese de conectar primero el cable de conexión a masa antes de realizar la conexión del amplificador.
 - La alarma sonará únicamente si se utiliza el amplificador incorporado.

Diagrama de conexión (3)

- A una superficie metálica del automóvil
Conecte primero el cable de conexión a masa negro, y después los cables amarillo y rojo de fuente de alimentación.
 - Al cable de control de la antena motorizada o al cable de fuente de alimentación del amplificador de señal de la antena
Notas
Si no se dispone de antena motorizada ni de amplificador de señal de la antena, o se utiliza una antena telescópica accionada manualmente, no será necesario conectar este cable.
Si el automóvil tiene una antena de FMM incorporada en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".
 - A AMP REMOTE IN de un amplificador de potencia opcional
Esta conexión es sólo para amplificadores y una antena motorizada. La conexión de cualquier otro sistema puede dañar la unidad.
 - Al cable de interfaz de un teléfono para automóvil
 - A una señal de iluminación del automóvil
Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.
 - Al terminal de alimentación de +12 V que recibe energía en la posición de accesorio del interruptor de encendido
Notas
Si no hay posición de accesorio, conéctelo al terminal de alimentación (batería) de +12 V que recibe energía sin interrupción.
Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.
 - Al terminal de alimentación de +12 V que recibe energía sin interrupción
Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.
- Notas sobre los cables de control y de fuente de alimentación**
- El cable REM OUT (rayado azul y blanco) suministra cc +12 V al encender la unidad.
 - Si el automóvil dispone de una antena de FMM incorporada en el cristal trasero o lateral, conecte el cable REM OUT (rayado azul y blanco) o el cable de fuente de alimentación auxiliar (rojo) al terminal de alimentación del amplificador de señal de la antena existente. Para obtener más detalles, consulte a su distribuidor.
 - Con esta unidad no es posible utilizar una antena motorizada sin caja de relé.
- Conexión para protección de la memoria**
- Si conecta el cable de fuente de alimentación amarillo, el circuito de la memoria recibirá siempre alimentación, aunque apague el interruptor de encendido.
- Notas sobre la conexión de los altavoces**
- Antes de conectar los altavoces, desconecte la alimentación de la unidad.
 - Utilice altavoces con una impedancia de 4 Ω o 8 Ω con la capacidad de potencia adecuada para evitar que se dañen.
 - No conecte los terminales de altavoz al chasis del automóvil, ni conecte los terminales del altavoz derecho con los del izquierdo.
 - No conecte el cable de conexión a masa de esta unidad al terminal negativo (-) del altavoz.
 - No intente conectar los altavoces en paralelo.
 - Conecte solamente altavoces pasivos. Si conecta altavoces activos (con amplificadores incorporados) a los terminales de altavoz, puede dañar la unidad.
 - Entre estas folios de funcionamiento, no utilice los cables de altavoz incorporados instalados en el automóvil si la unidad comparte un cable negativo común (-) para los altavoces derecho e izquierdo.
 - No conecte los cables de altavoz de la unidad entre sí.
- Note sobre la conexión**
- Si el altavoz y el amplificador no están conectados correctamente, aparece "FAILURE" en la pantalla. Si es así, compruebe la conexión de ambos dispositivos.

4

1

2

3

5

1

2

3

English

Precautions

- Choose the installation location carefully so that the unit will not interfere with normal driving operations.
- Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperatures, such as in direct sunlight or near heater ducts.
- Use only the supplied mounting hardware for a safe and secure installation.

Mounting angle adjustment
Adjust the mounting angle to less than 45°.

Removing the protection collar and the bracket (4)

Before installing the unit, remove the protection collar (2) and the bracket (1) from the unit.

- Remove the protection collar (2). Push both edges of the protection collar (2), then pull it out.
- Remove the bracket (1). Insert both release keys (3) together between the unit and the bracket (1) until they click. Pull down the bracket (1), then pull up the unit to separate.

Note
Before installing this unit, remove the screw and box on the back of the unit. Do not use the previous parts you removed when installing the unit (4-3).

Mounting example (5)

Installation in the dashboard

Notes

- Before installing, make sure that the catches on both sides of the bracket (1) are bent inward 2 mm (7/64 in). If the catches are straight or bent outward, the unit will not be installed securely and may spring out (4-1).
- Make sure the claws (2) are closed outward for a tight fit. If necessary (4-2).
- Make sure that the 4 catches on the protection collar (2) are properly engaged in the slots of the unit (4-3).

Español

Precauciones

- Elija cuidadosamente el lugar de montaje de forma que la unidad no interfiera con las funciones normales de conducción.
- Evite instalar la unidad donde pueda quedar expuesta a polvo, suciedad, vibraciones excesivas o altas temperaturas, por ejemplo, a la luz solar directa o cerca de conductos de calefacción.
- Para realizar una instalación segura y firme, utilice solamente elementos de instalación suministrados.

Ajuste del ángulo de montaje
Ajuste el ángulo de montaje a menos de 45°.

Extracción del marco de protección y del soporte (4)

Antes de instalar la unidad, retire el marco de protección (2) y el soporte (1) de la misma.

- Retire el marco de protección (2). Apriete ambos bordes del marco de protección (2) y, a continuación, tire de él hacia fuera.
- Retire el soporte (1). Inserte ambas llaves de liberación (3) entre la unidad y el soporte (1) hasta que encajen. Presione el soporte (1), y a continuación, levante la unidad para separar ambos elementos.

Note
Antes de instalar esta unidad, extraiga el tornillo y el compartimento que se encuentran en la parte posterior de la unidad. No utilice las piezas anteriores que extraja al instalar la unidad (4-3).

Ejemplo de montaje (5)

Instalación en el tablero

Notas

- Antes de instalar la unidad, compruebe que los enganches de ambos lados del soporte (1) estén doblados hacia adentro 2 mm. Si no lo están o están doblados hacia afuera, la unidad no se instalará correctamente y puede salirse (4-1).
- Si es necesario, cierre las uñas hacia fuera para que encaje firmemente (4-2).
- Compruebe que los 4 enganches del marco de protección (2) estén bien fijados en las ranuras de la unidad (4-3).

Mounting the unit in a Japanese car (6)

You may not be able to install this unit in some makes of Japanese cars. In such a case, consult your Sony dealer.

Note
To prevent malfunction, install only with the supplied screws (8).

How to detach and attach the front panel (7)

Before installing the unit, detach the front panel.

7-A To detach
Before detaching the front panel, be sure to press and hold (SOURCE/OFF). Press (OPEN), then slide the front panel to the right, and gently pull out the left end of the front panel.

7-B To attach
Place the hole (8) of the front panel onto the spindle (8) on the unit, then lightly push the left side in.

Warning if your car's ignition has no ACC position

Be sure to set the Auto Off function. For details, see the supplied Operating Instructions. The unit will shut off completely and automatically in the set time after the unit is turned off, which prevents battery drain. If you do not set the Auto Off function, press and hold (SOURCE/OFF) until the display disappears each time you turn the ignition off.

Fuse replacement (8)

When replacing the fuse, be sure to use one matching the amperage rating stated on the original fuse. If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction. In such a case, consult your nearest Sony dealer.

Montaje de la unidad en un automóvil japonés (6)

Es posible que no pueda instalar esta unidad en algunos automóviles japoneses. En tal caso, consulte a su distribuidor Sony.

Note
Para evitar que se produzcan fallas de funcionamiento, realice la instalación solamente con los tornillos suministrados (8).

Forma de extraer e instalar el panel frontal (7)

Antes de instalar la unidad, extraiga el panel frontal.

7-A Para extraerlo
Antes de extraer el panel frontal, asegúrese de mantener presionado (SOURCE/OFF). Presione (OPEN) y a continuación, deslice el panel frontal hacia la derecha y tire suavemente de su extremo izquierdo.

7-B Para instalarlo
Coloque el orificio (8) del panel frontal en el eje (8) de la unidad y, a continuación, presione ligeramente el lado izquierdo hacia adentro.

Advertencia: si el encendido del automóvil no dispone de una posición ACC

Asegúrese de ajustar la función de desconexión automática. Para obtener más información, consulte el manual de instrucciones suministrado. La unidad se apagará completa y automáticamente en el tiempo establecido después de que se desconecte la unidad, lo que evita que se desgaste la batería. Si no ha ajustado la función de desconexión automática, mantenga presionado (SOURCE/OFF) cada vez que apague el interruptor de encendido, hasta que la pantalla desaparezca.

Sustitución del fusible (8)

Al sustituir el fusible, asegúrese de utilizar uno cuyo amperaje coincida con el especificado en el original. Si el fusible se funde, verifique la conexión de alimentación y sustitúyalo. Si el fusible vuelve a fundirse después de sustituirlo, es posible que exista alguna falla de funcionamiento interno. En tal caso, consulte con el distribuidor Sony más cercano.

6

A TOYOTA

size 5 x max. 8 mm (7/16 x max. 5/16 in)
Tamaño 5 x 8 mm máx.

B NISSAN

size 5 x max. 8 mm (7/16 x max. 5/16 in)
Tamaño 5 x 8 mm máx.

7

A

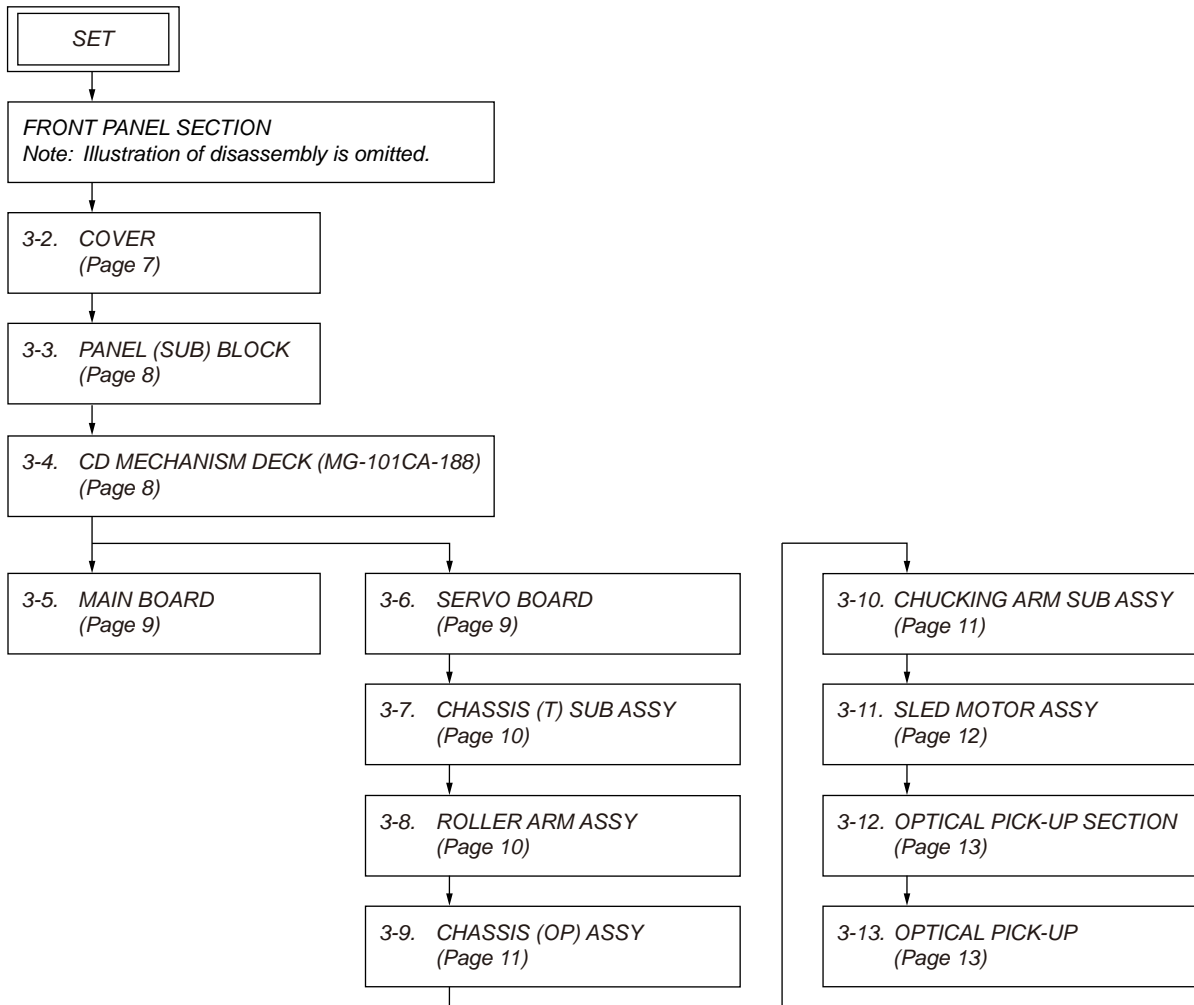
B

8

SECTION 3 DISASSEMBLY

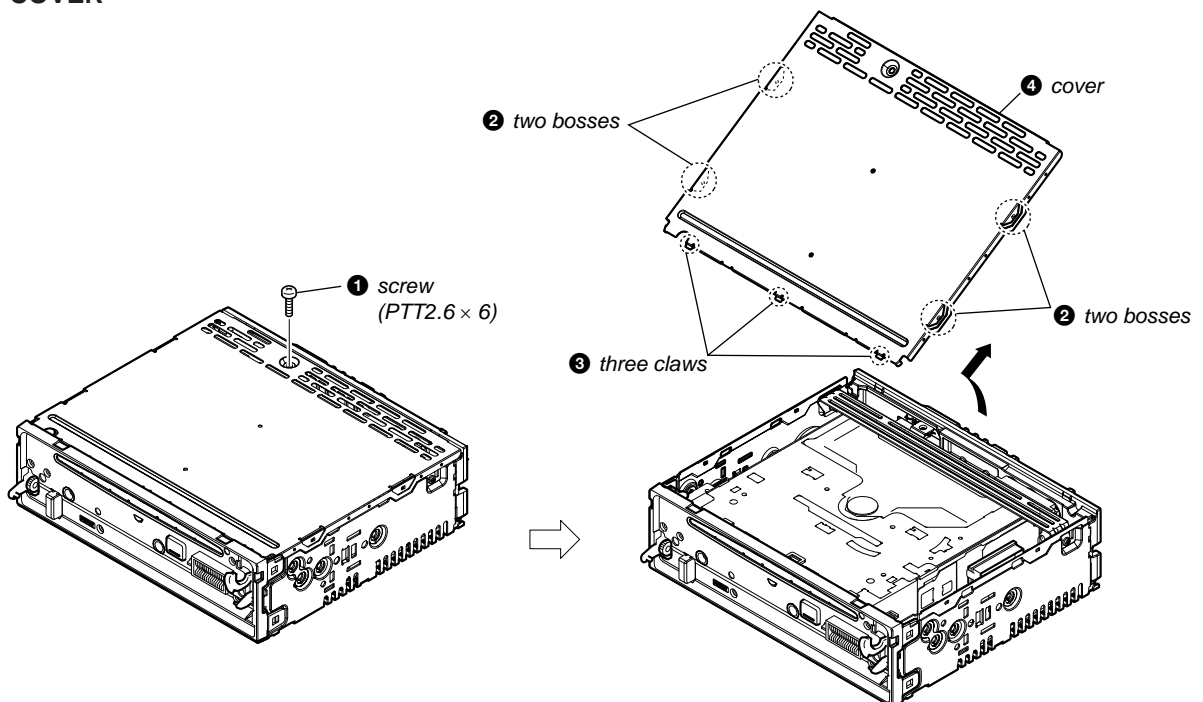
- This set can be disassembled in the order shown below.

3-1. DISASSEMBLY FLOW

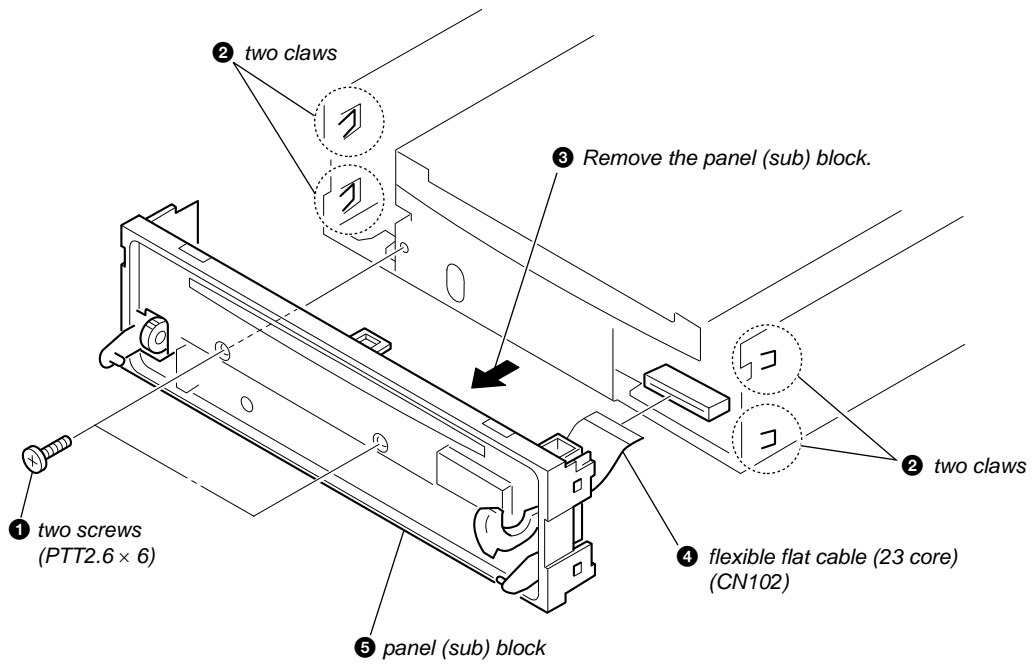


Note: Follow the disassembly procedure in the numerical order given.

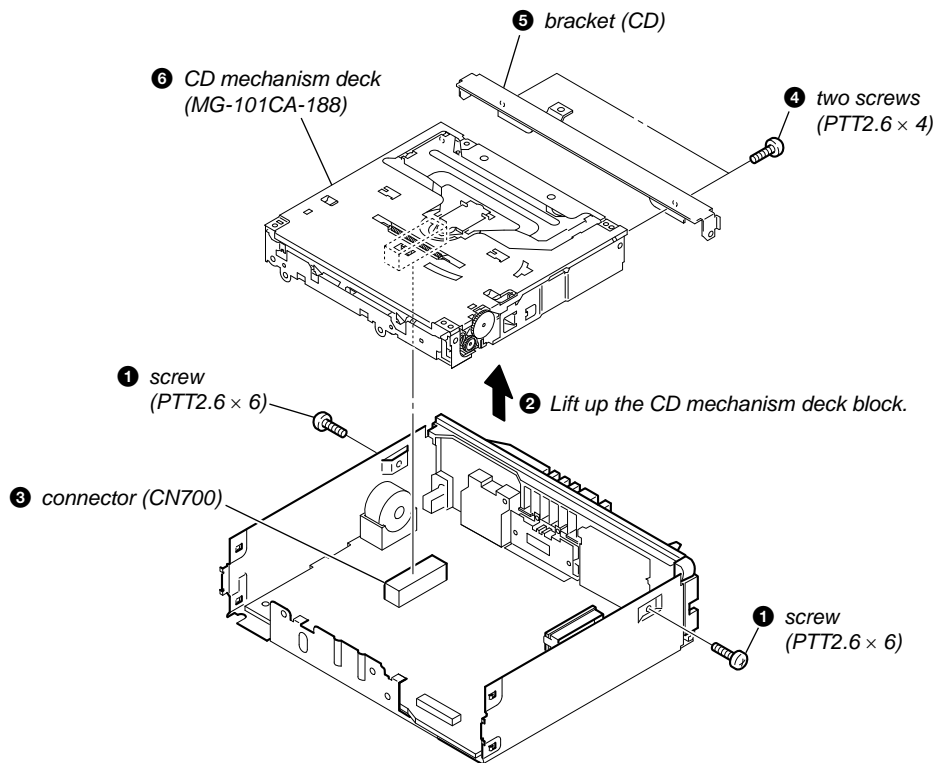
3-2. COVER



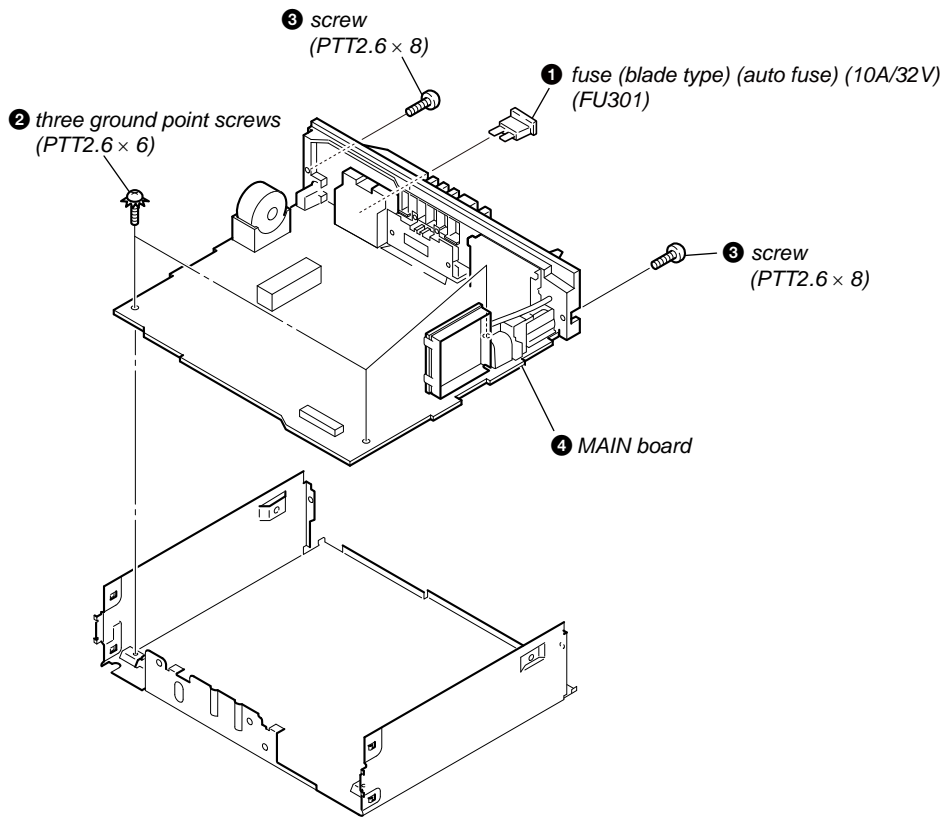
3-3. PANEL (SUB) BLOCK



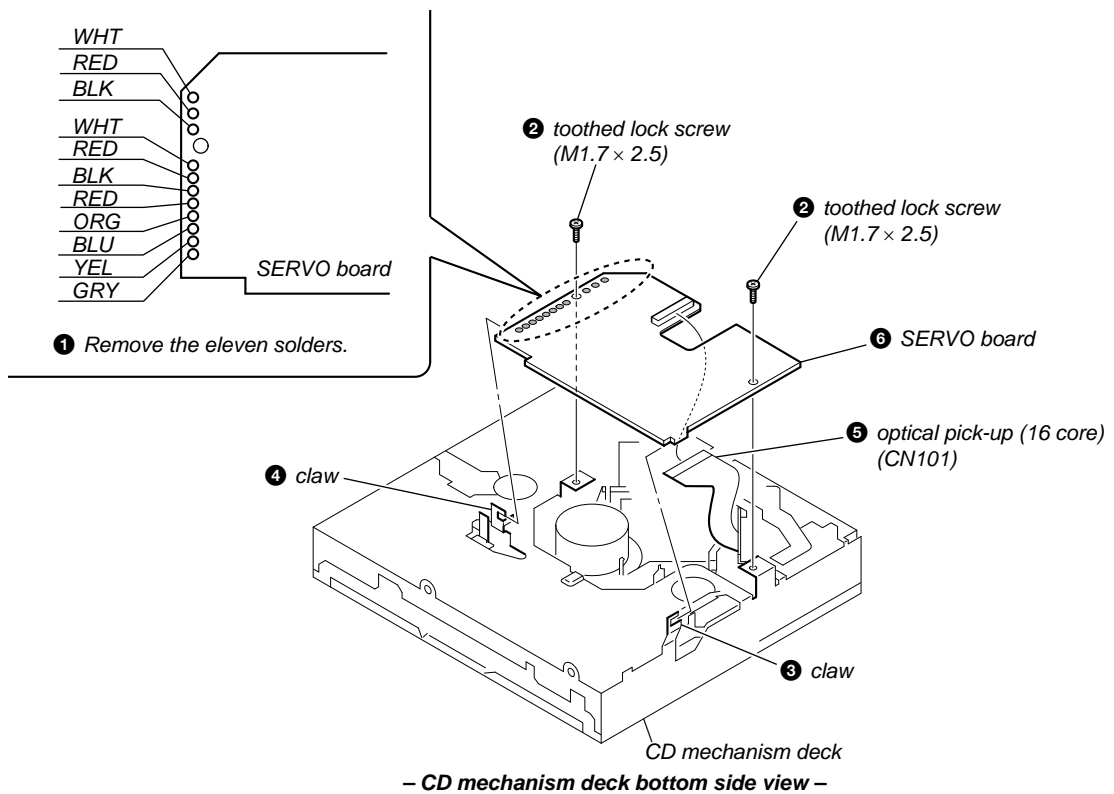
3-4. CD MECHANISM DECK (MG-101CA-188)



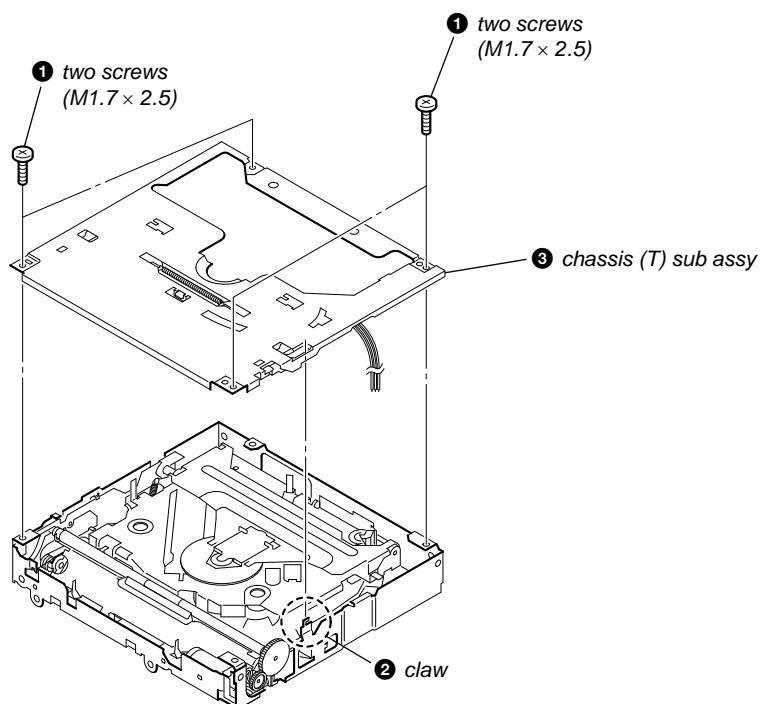
3-5. MAIN BOARD



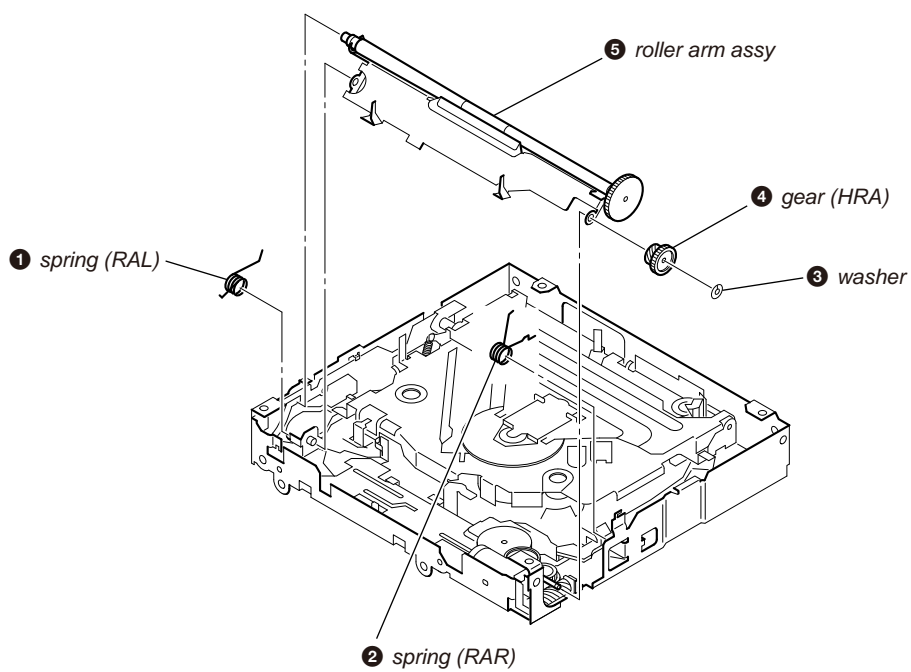
3-6. SERVO BOARD



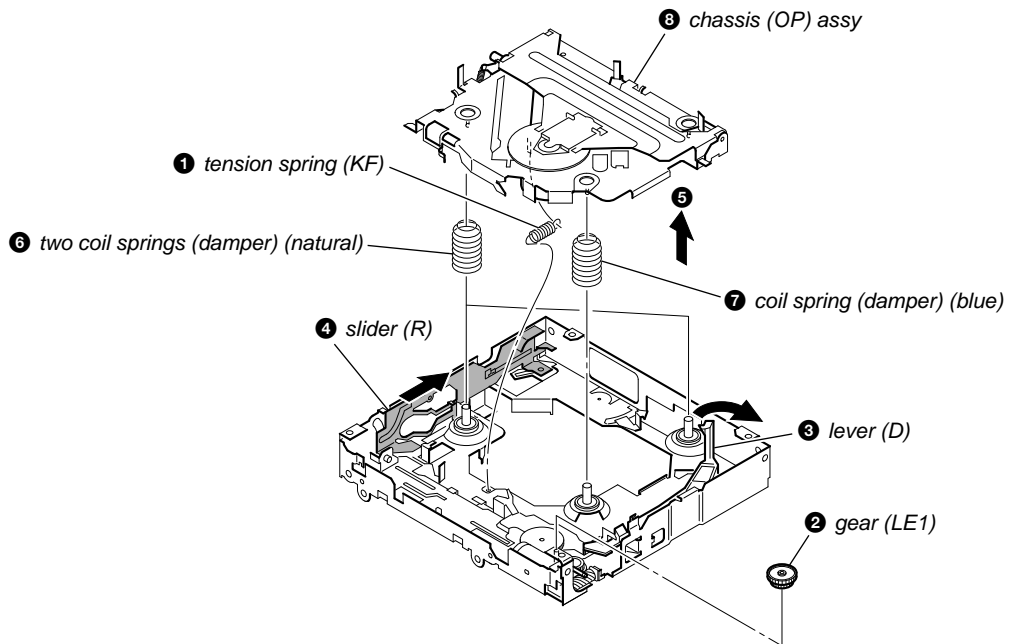
3-7. CHASSIS (T) SUB ASSY



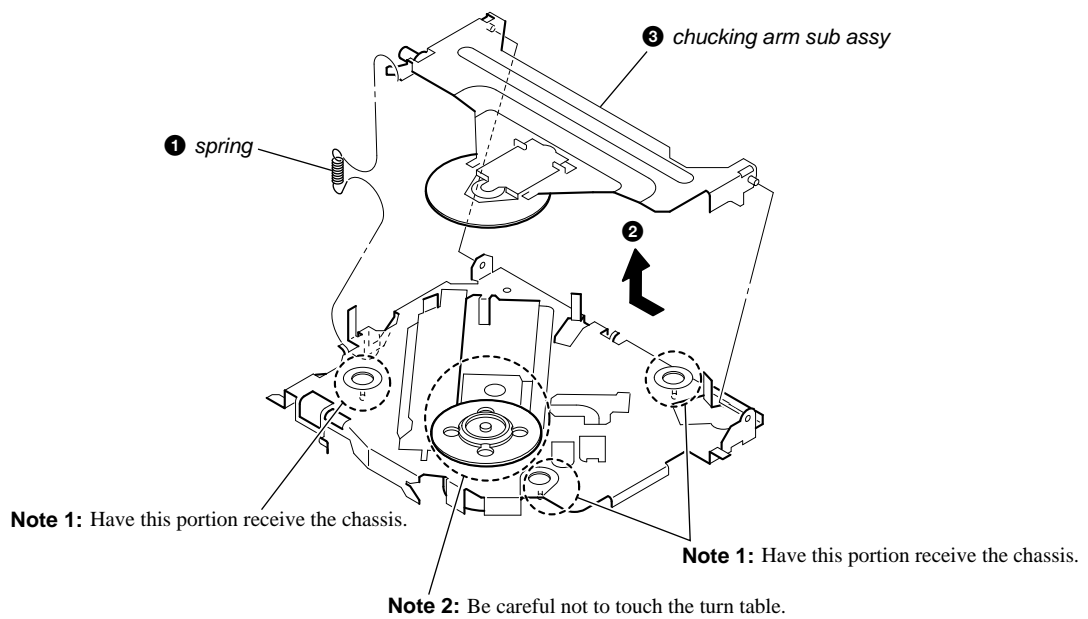
3-8. ROLLER ARM ASSY



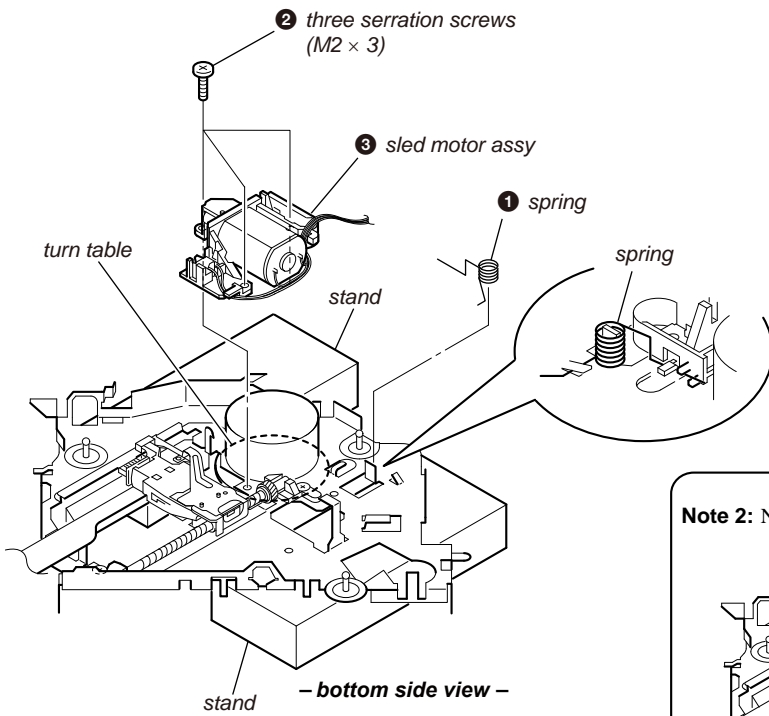
3-9. CHASSIS (OP) ASSY



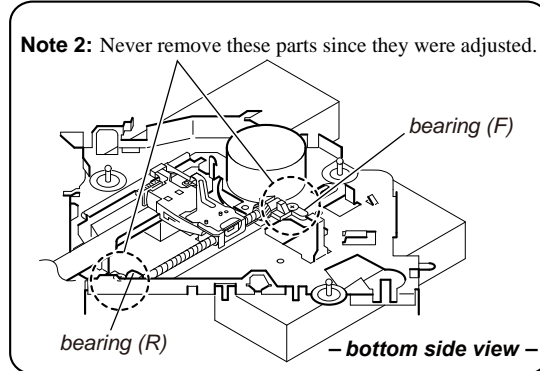
3-10. CHUCKING ARM SUB ASSY



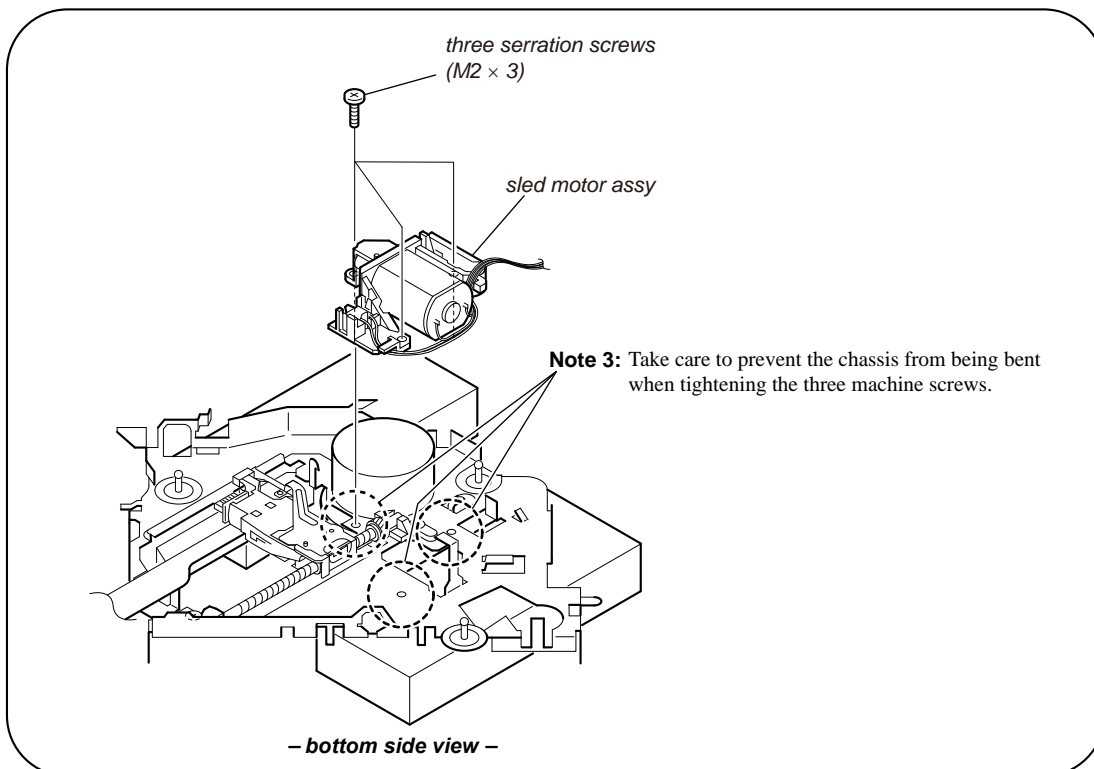
3-11. SLED MOTOR ASSY



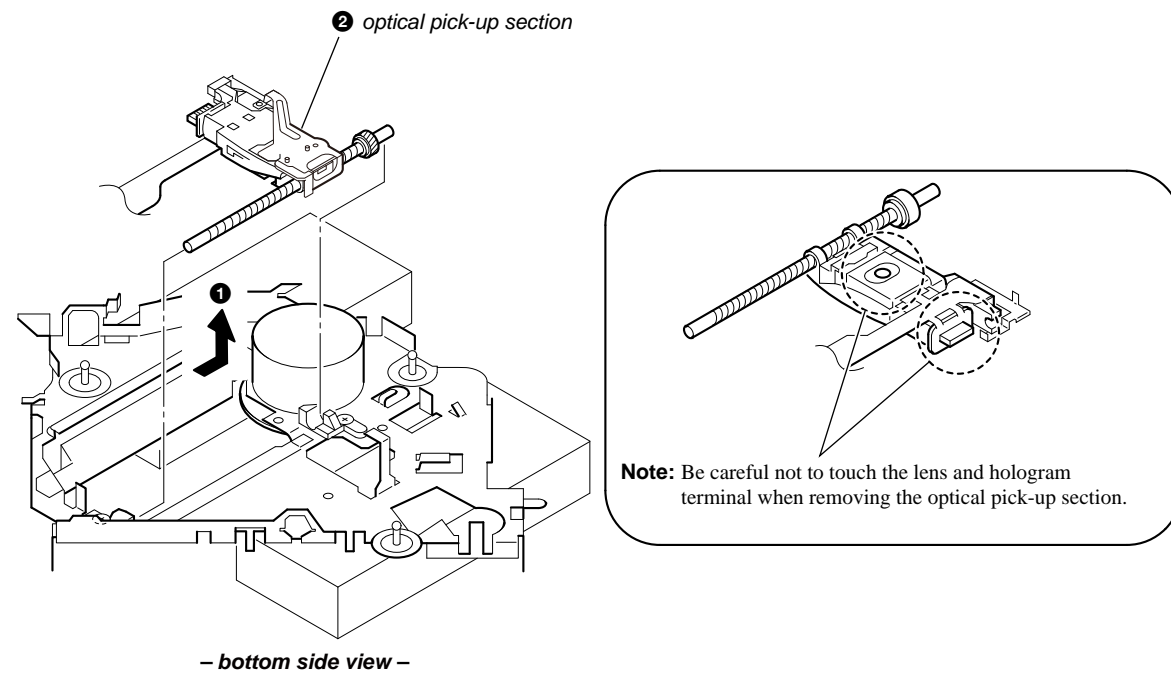
Note 1: Place the stand with care not to touch the turn table.



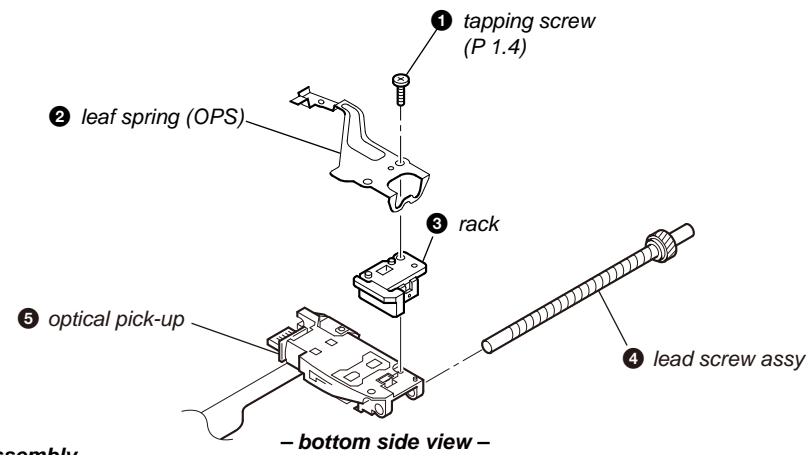
• **Note for Assembly**



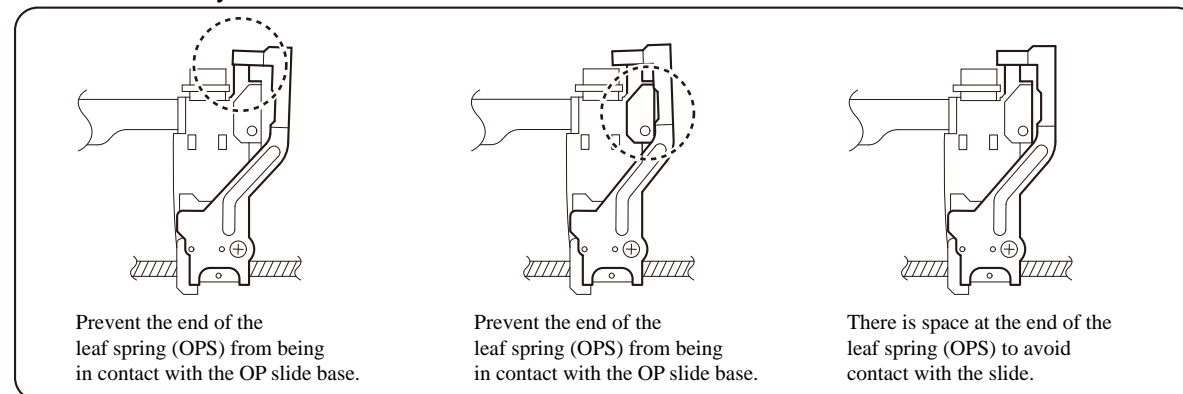
3-12. OPTICAL PICK-UP SECTION



3-13. OPTICAL PICK-UP

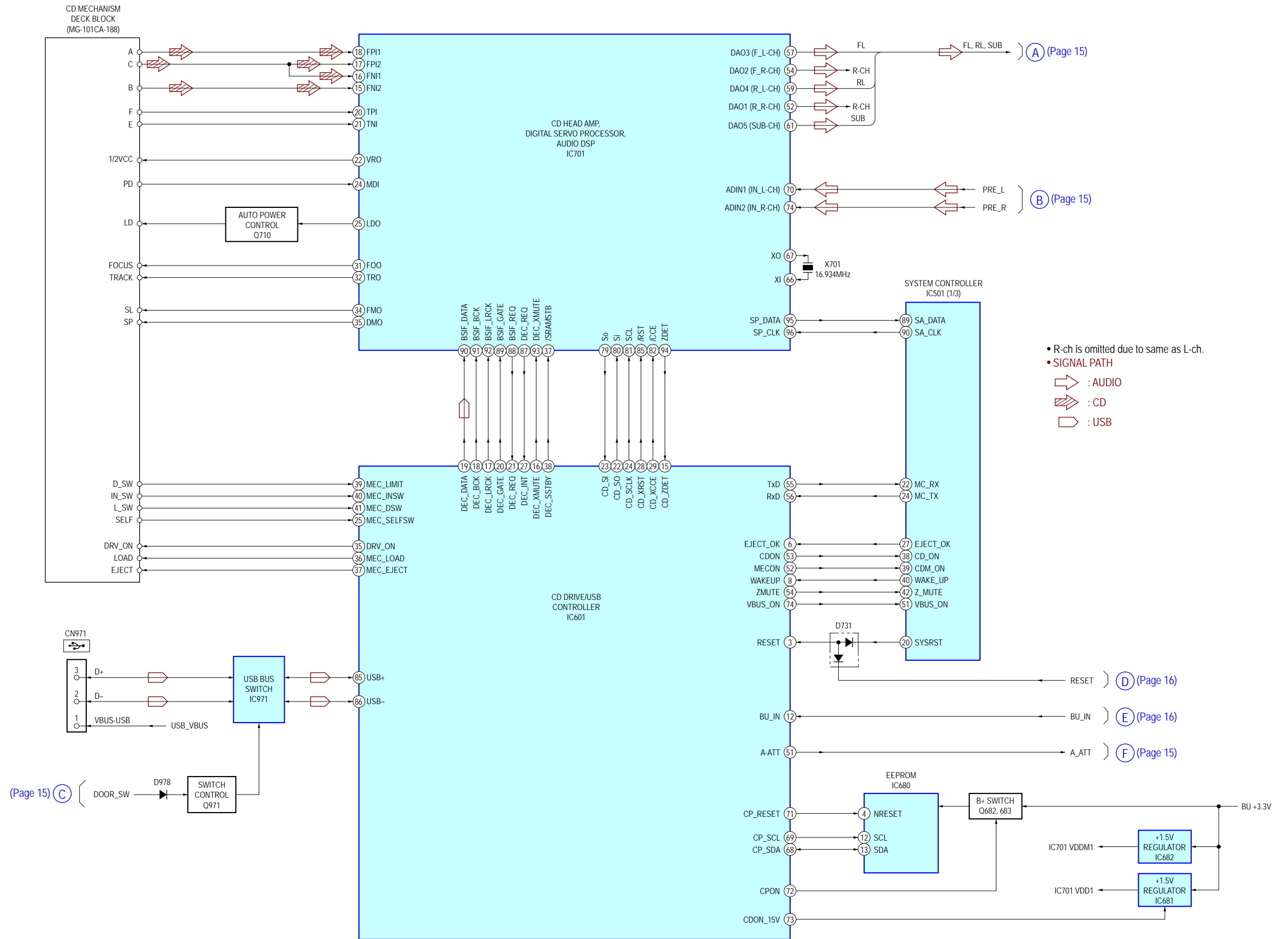


• Notes for Assembly

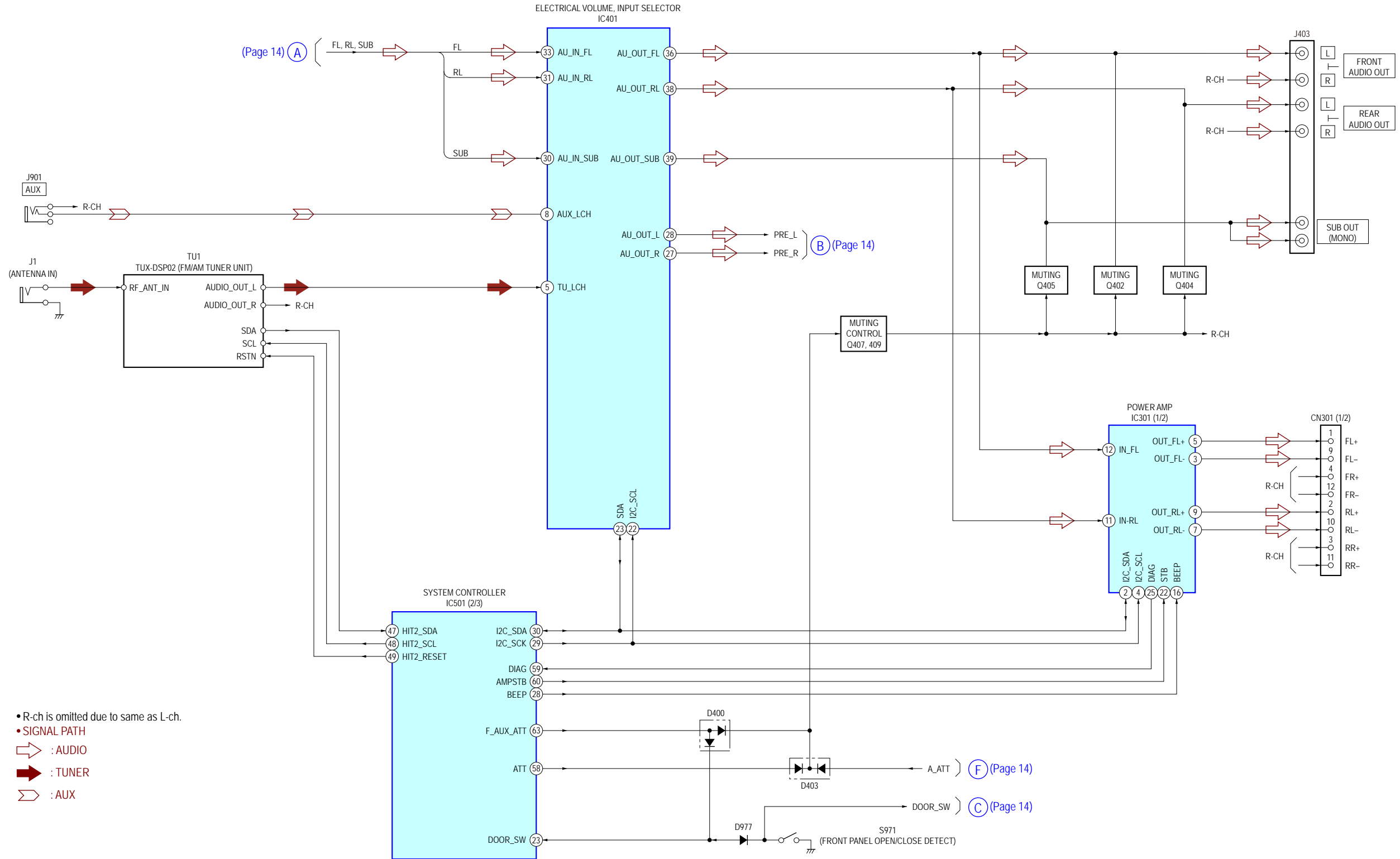


SECTION 4 DIAGRAMS

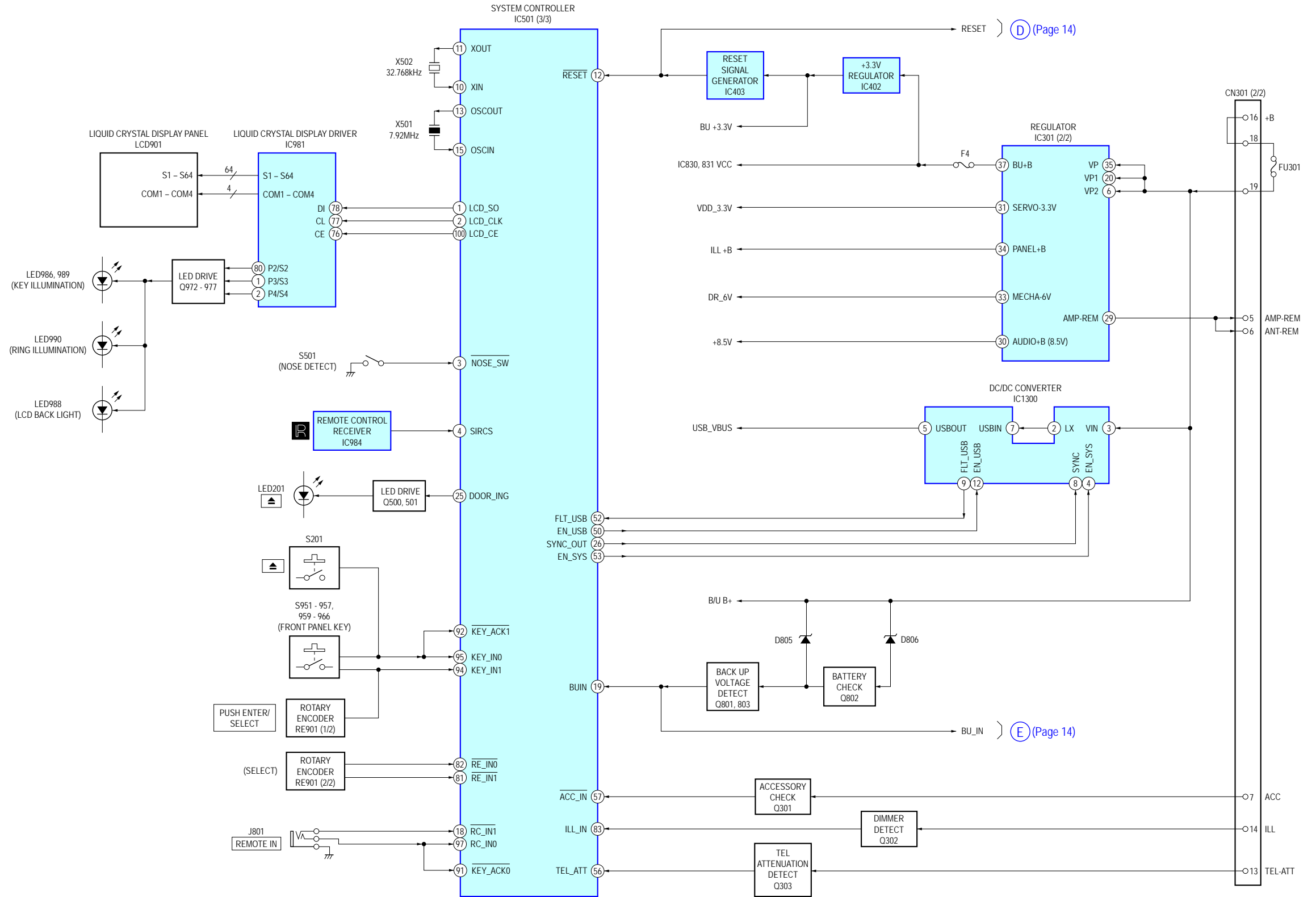
4-1. BLOCK DIAGRAM - SERVO Section -



4-2. BLOCK DIAGRAM - MAIN Section -







4-3. BLOCK DIAGRAM - PANEL, POWER SUPPLY Section -



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

For Printed Wiring Boards.

Note:

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

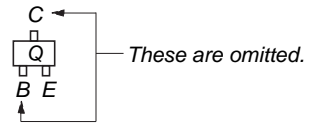
Caution:

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

Caution:



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

- Indication of transistor.










For Schematic Diagrams.

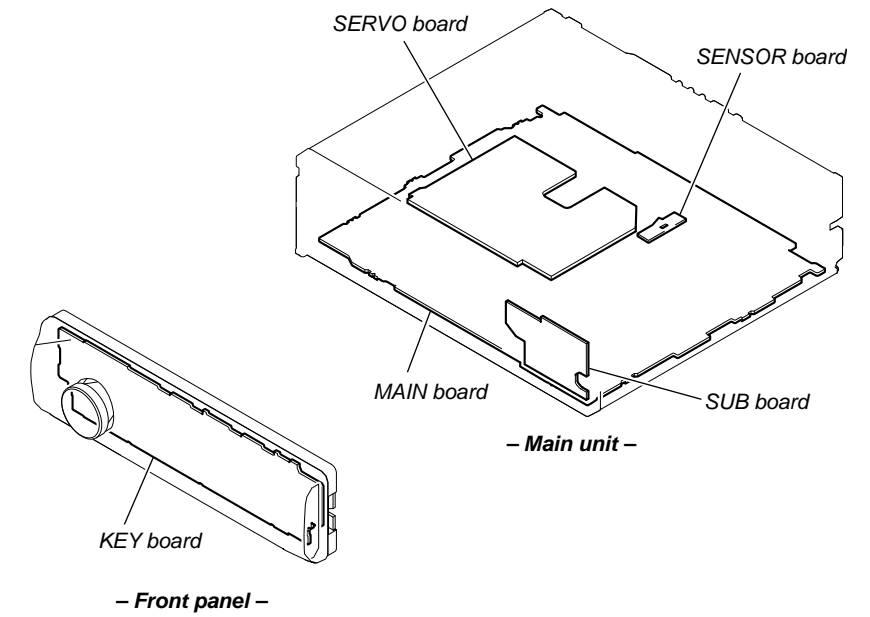
Note:


- 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.
- : Internal component.
- : Panel designation.

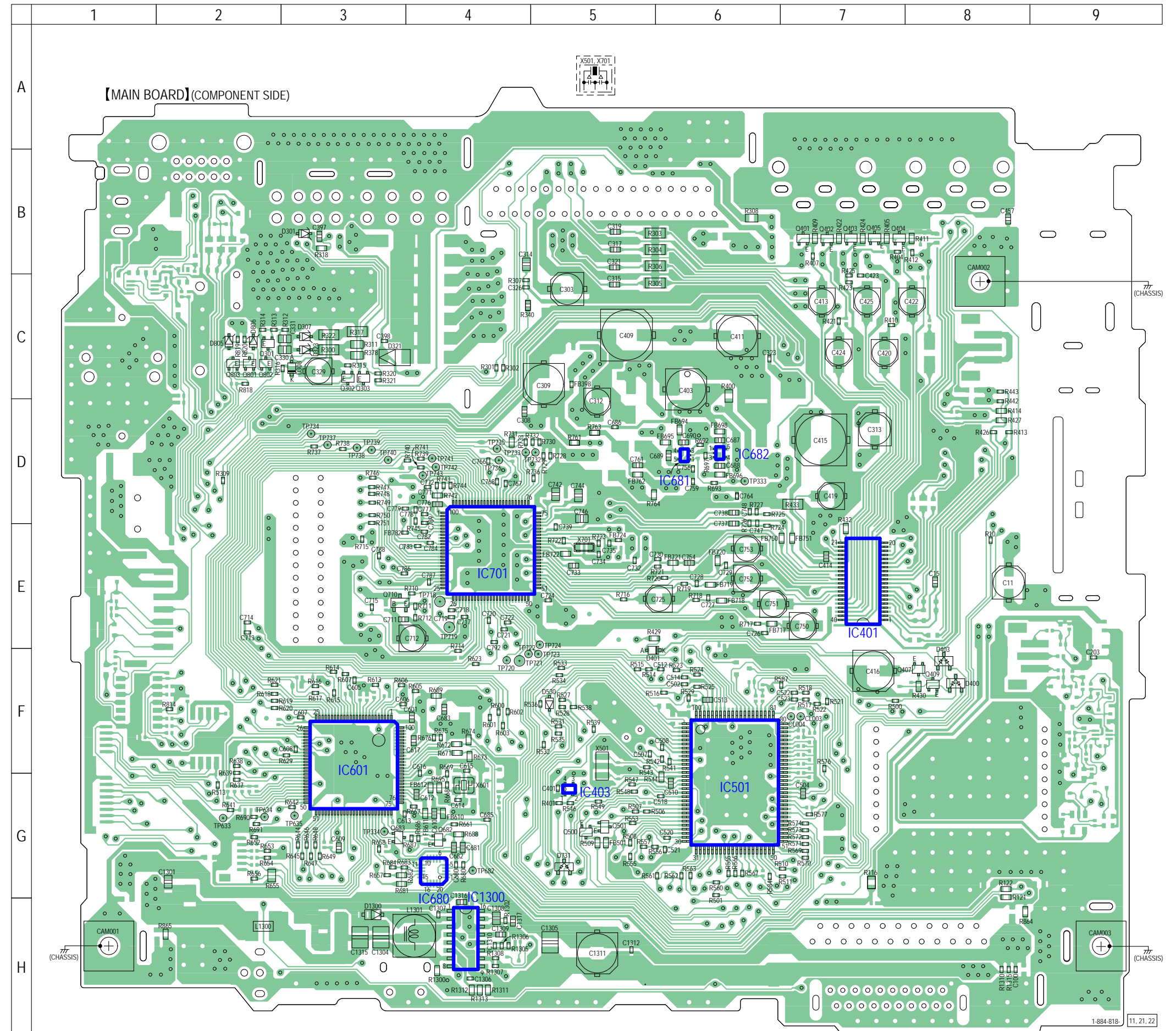
Note: The components identified by mark Δ or dotted line with mark Δ are critical for safety.
 Replace only with part number specified.

- : B+ Line.
- Power voltages is dc 14.4V and fed with regulated dc power supply from ACC and BATT cords.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
 no mark: TUNER (FM)
 (): CD PLAY
 * : Impossible to measure
- 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.
 : AUDIO
 : TUNER
 : CD
 : USB
 : AUX

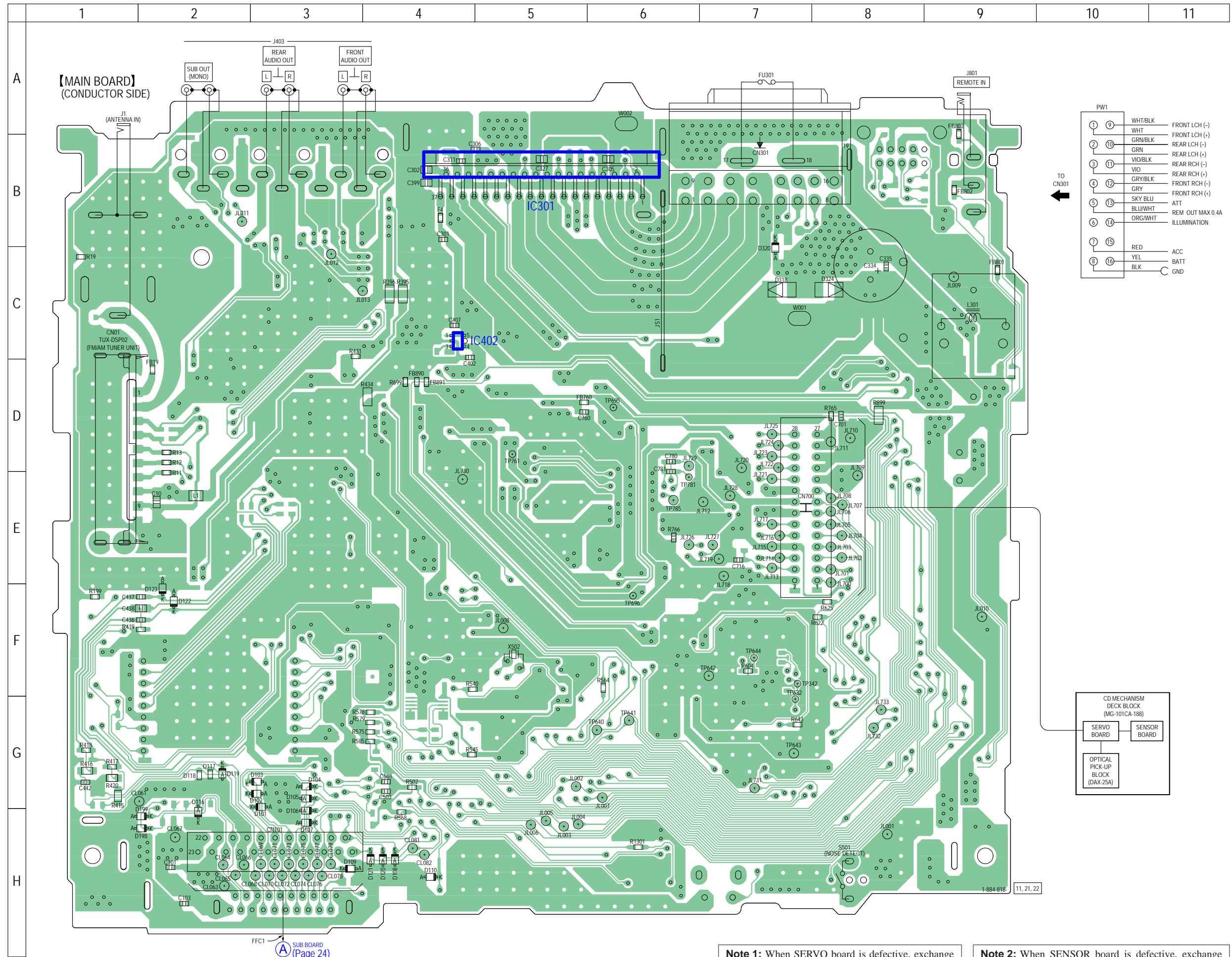
• Circuit Boards Location



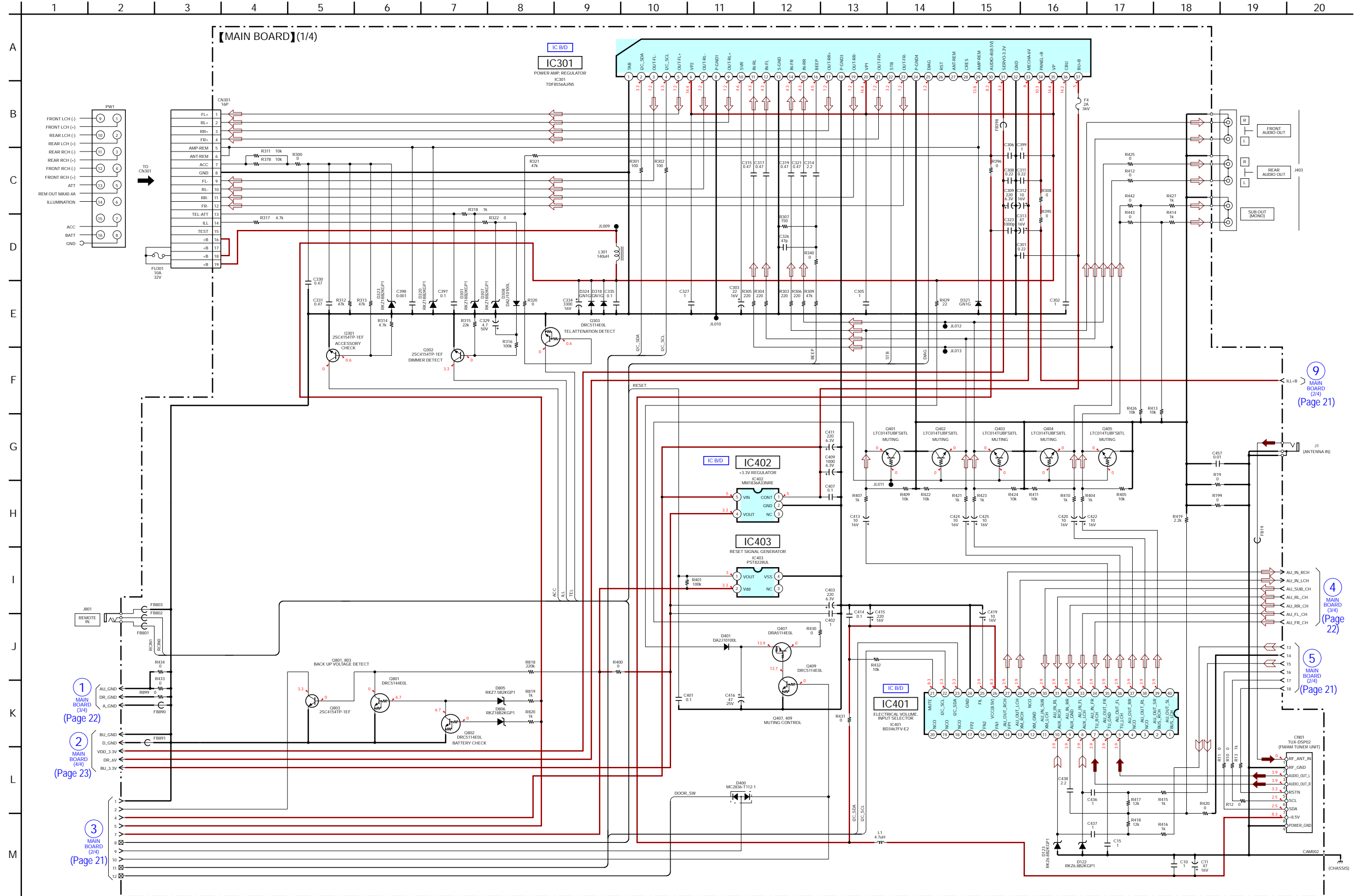
4-4. PRINTED WIRING BOARD - MAIN Section (1/2) - • See page 17 for Circuit Boards Location. •  : Uses unleaded solder.



4-5. PRINTED WIRING BOARDS - MAIN Section (2/2) - • See page 17 for Circuit Boards Location. •  : Uses unleaded solder.



4-6. SCHEMATIC DIAGRAM - MAIN Section (1/4) - • See page 27 for IC Block Diagrams.



9 MAIN BOARD (2/4) (Page 21)

4 MAIN BOARD (3/4) (Page 22)

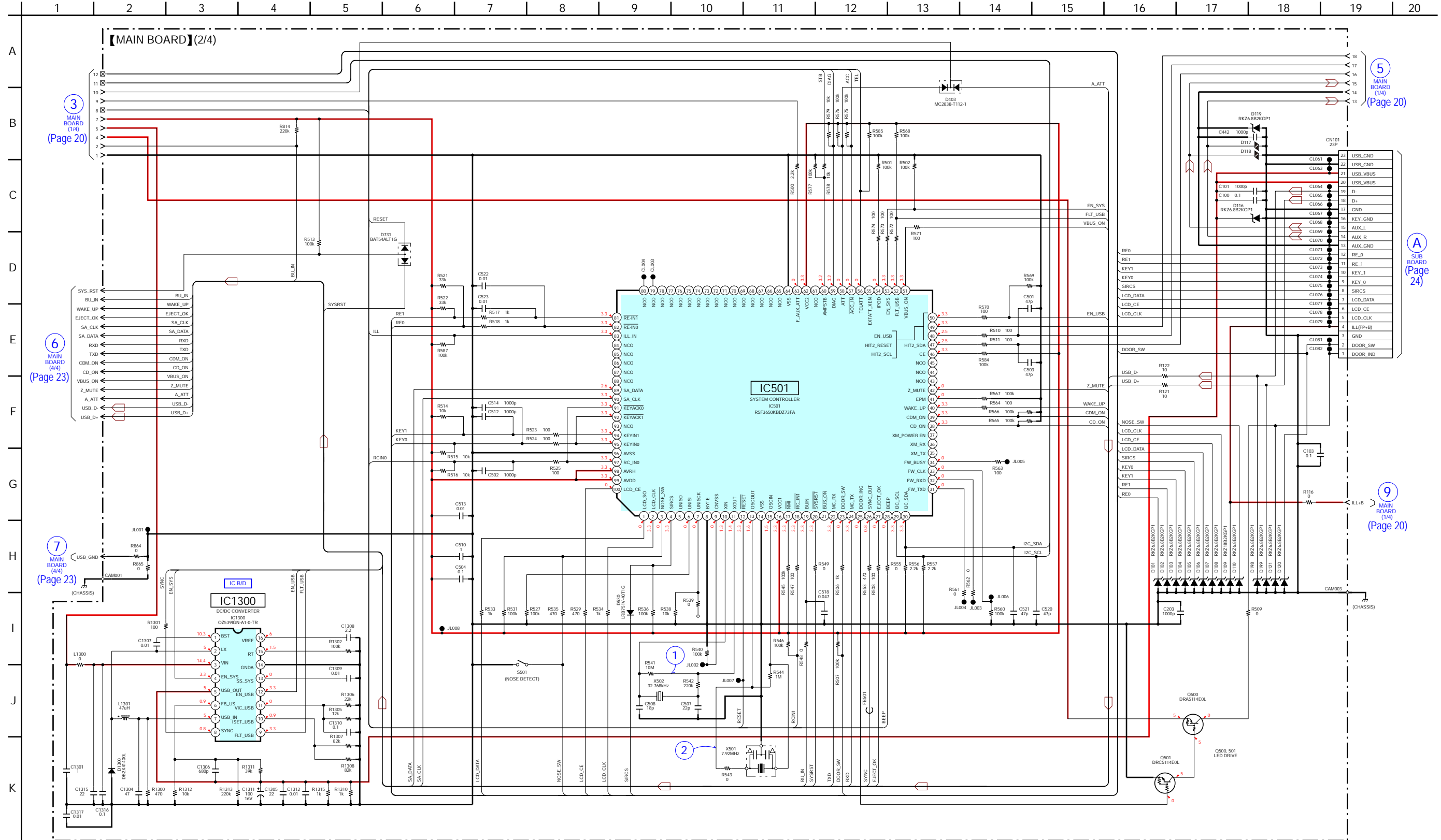
5 MAIN BOARD (2/4) (Page 21)

1 MAIN BOARD (3/4) (Page 22)

2 MAIN BOARD (4/4) (Page 23)

3 MAIN BOARD (2/4) (Page 21)

4-7. SCHEMATIC DIAGRAM - MAIN Section (2/4) • See page 27 for Waveforms. • See page 27 for IC Block Diagrams. • See page 30 for IC Pin Function Description.



3 MAIN BOARD (1/4) (Page 20)

6 MAIN BOARD (4/4) (Page 23)

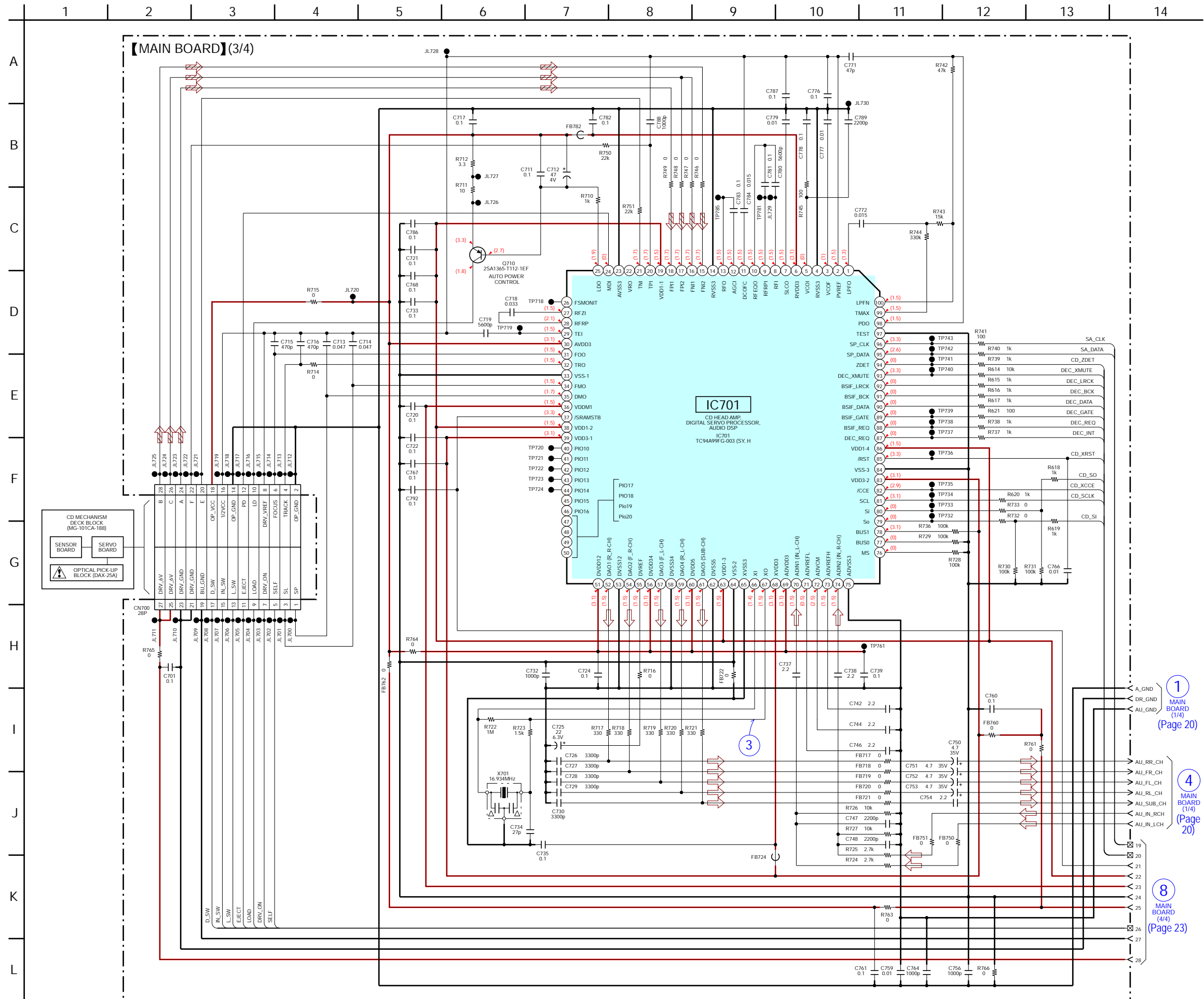
7 MAIN BOARD (4/4) (Page 23)

5 MAIN BOARD (1/4) (Page 20)

A SUB BOARD (Page 24)

9 MAIN BOARD (1/4) (Page 20)

4-8. SCHEMATIC DIAGRAM - MAIN Section (3/4) - • See page 27 for Waveforms. • See page 30 for IC Pin Function Description.



1 MAIN BOARD (1/4) (Page 20)

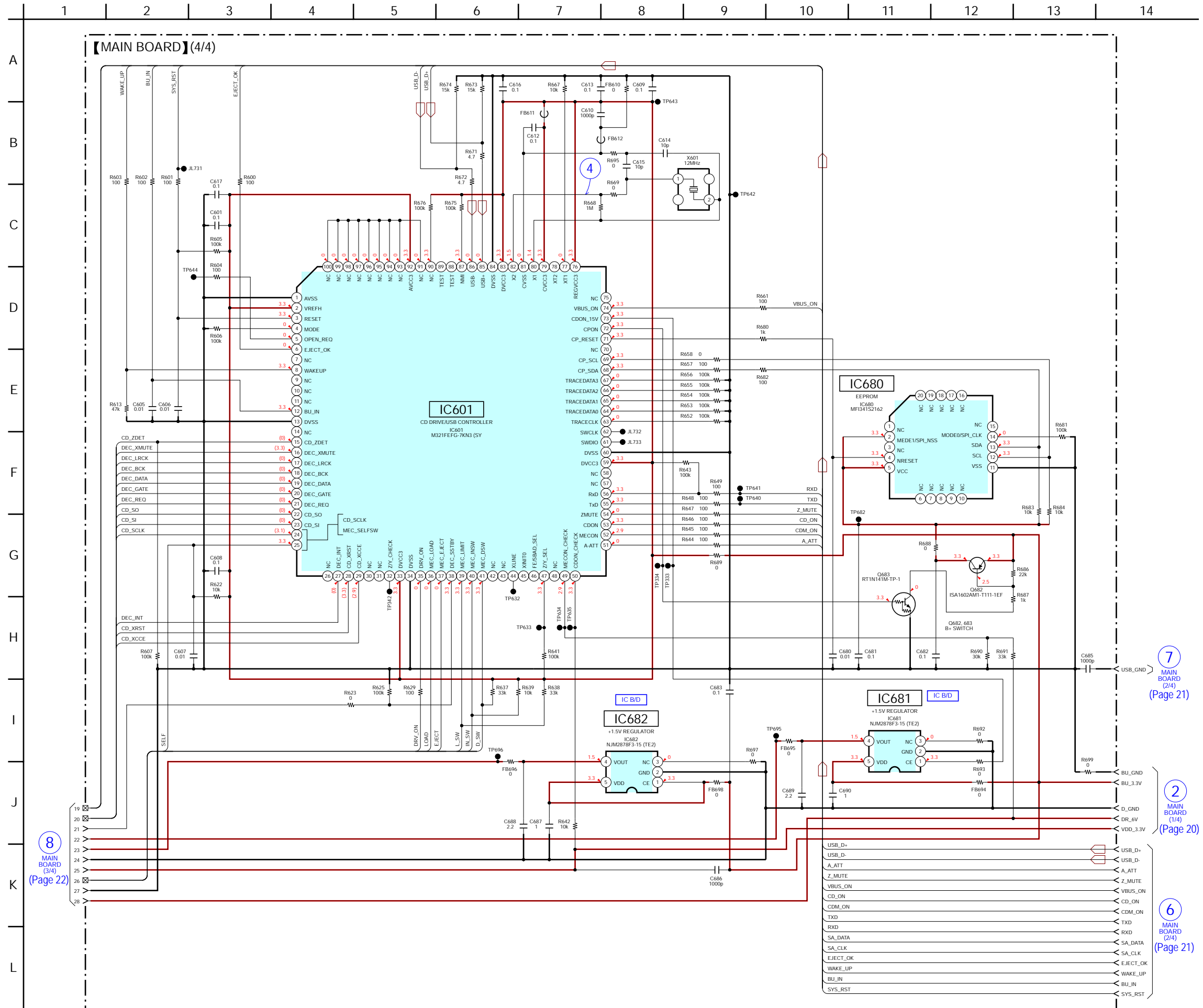
4 MAIN BOARD (1/4) (Page 20)

8 MAIN BOARD (4/4) (Page 23)

Note 1: When SERVO board is defective, exchange the complete mounted board.

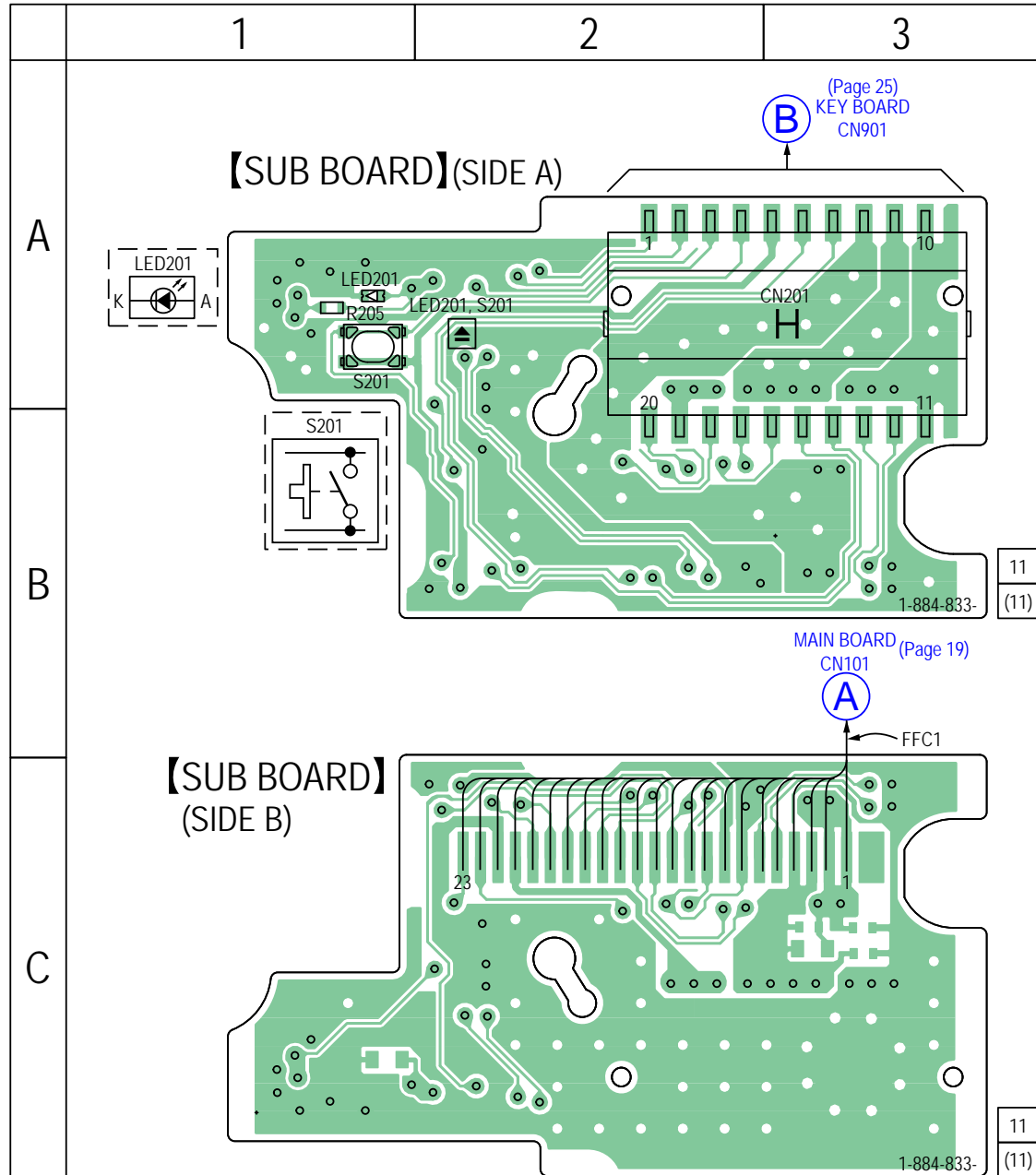
Note 2: When SENSOR board is defective, exchange the MECHANICAL BLOCK (11CA) ASSY.

4-9. SCHEMATIC DIAGRAM - MAIN Section (4/4) - • See page 27 for Waveforms. • See page 27 for IC Block Diagrams. • See page 30 for IC Pin Function Description.

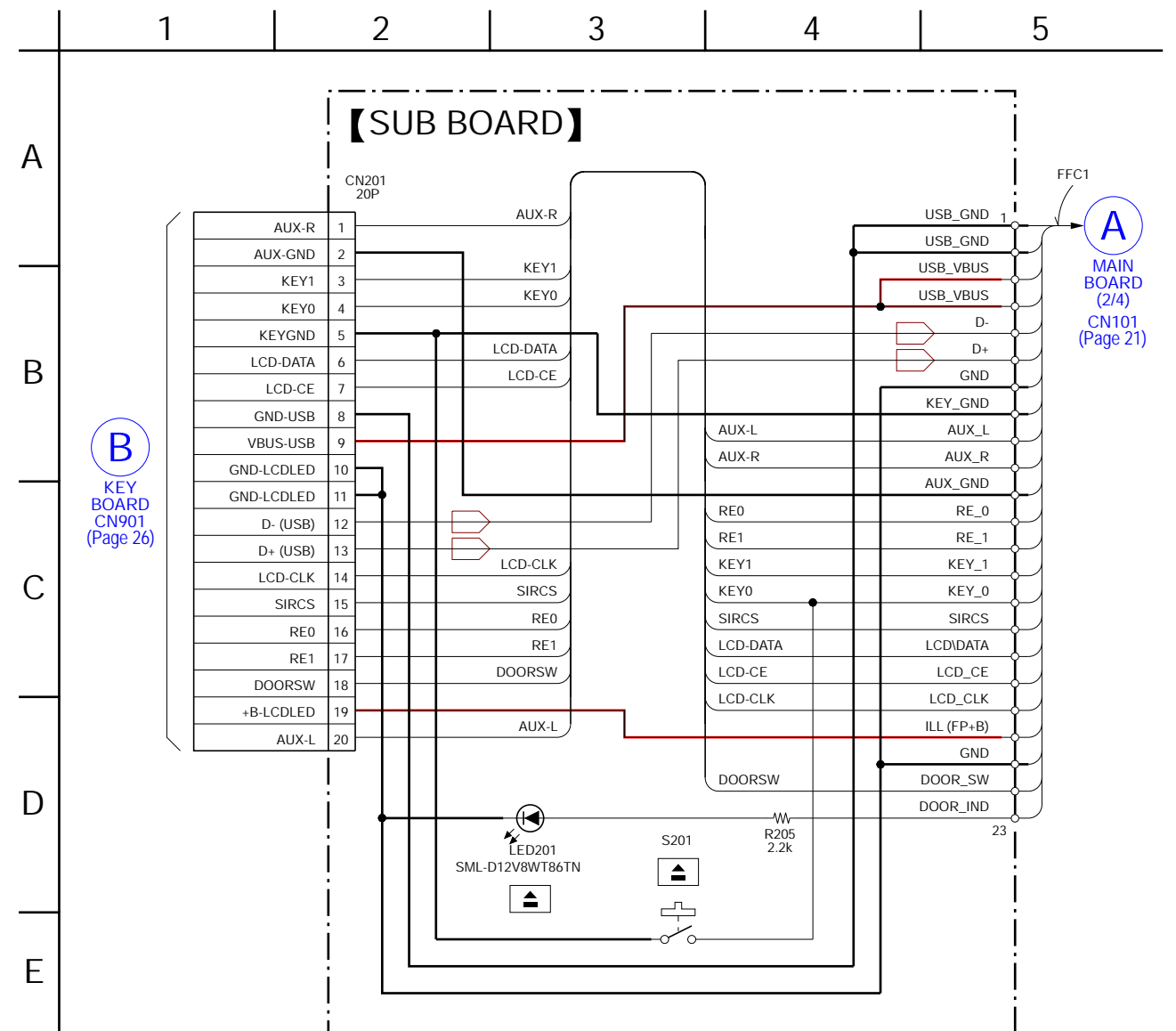


4-10. PRINTED WIRING BOARD - SUB Board -

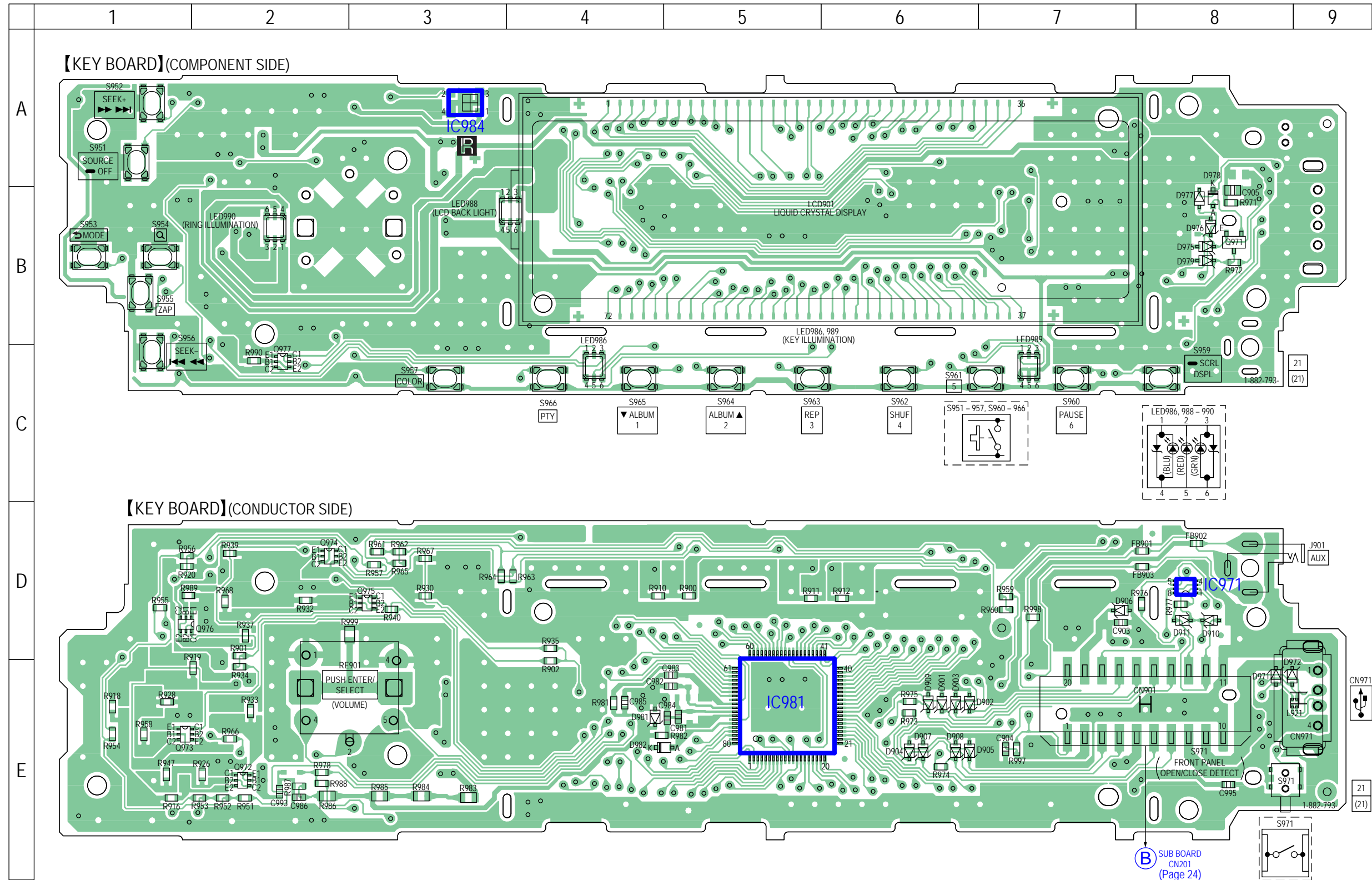
• See page 17 for Circuit Boards Location. •  : Uses unleaded solder.



4-11. SCHEMATIC DIAGRAM - SUB Board -

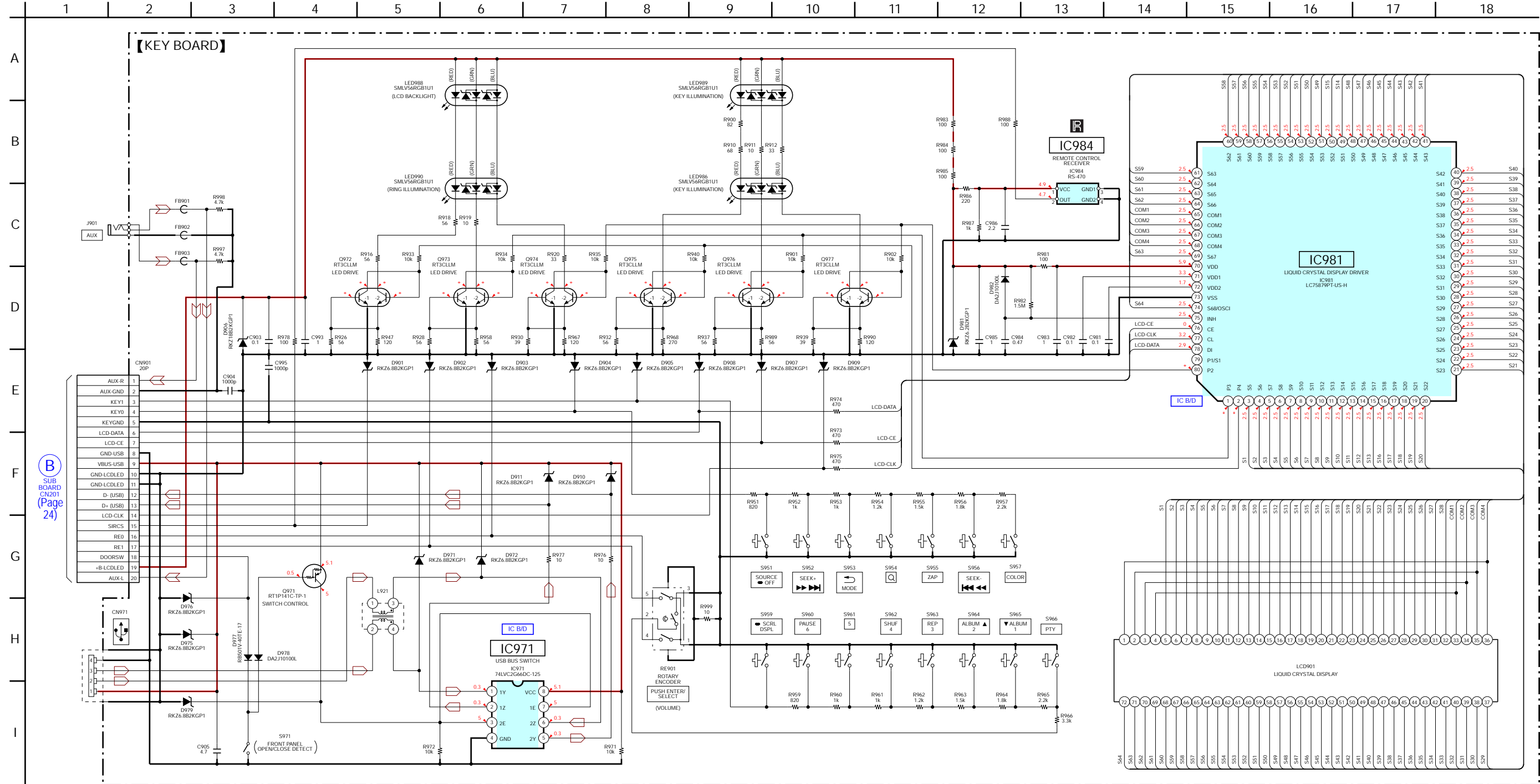


4-12. PRINTED WIRING BOARD - KEY Board - • See page 17 for Circuit Boards Location. •  : Uses unleaded solder.



Note: Refer to the servicing notes “NOTE FOR REPLACEMENT OF THE USB CONNECTOR (CN971) AND THE AUX JACK (J901)” (See page 4), if replacing the Ref. No. CN971 and the Ref. No. J901.

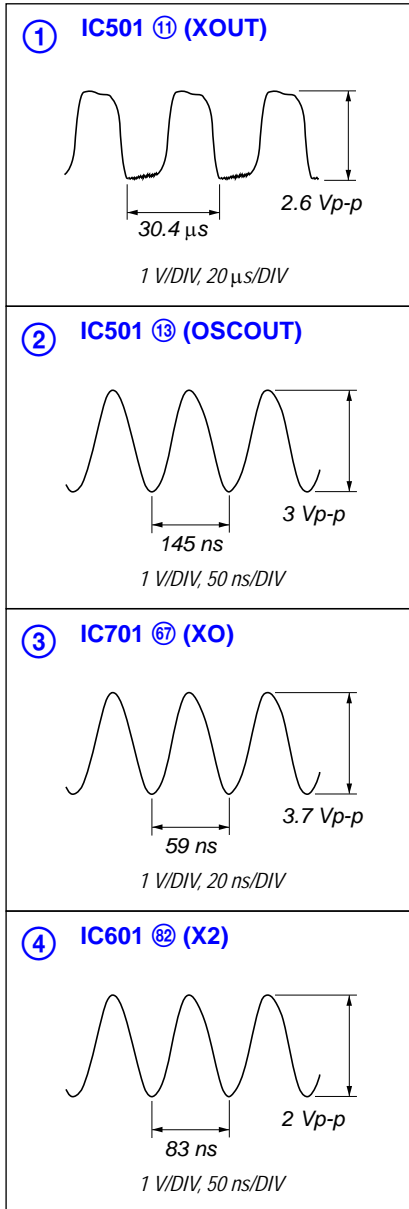
4-13. SCHEMATIC DIAGRAM - KEY Board - • See page 27 for IC Block Diagrams.



Note: Refer to the servicing notes "NOTE FOR REPLACEMENT OF THE USB CONNECTOR (CN971) AND THE AUX JACK (J901)" (See page 4), if replacing the Ref. No. CN971 and the Ref. No. J901.

• Waveforms

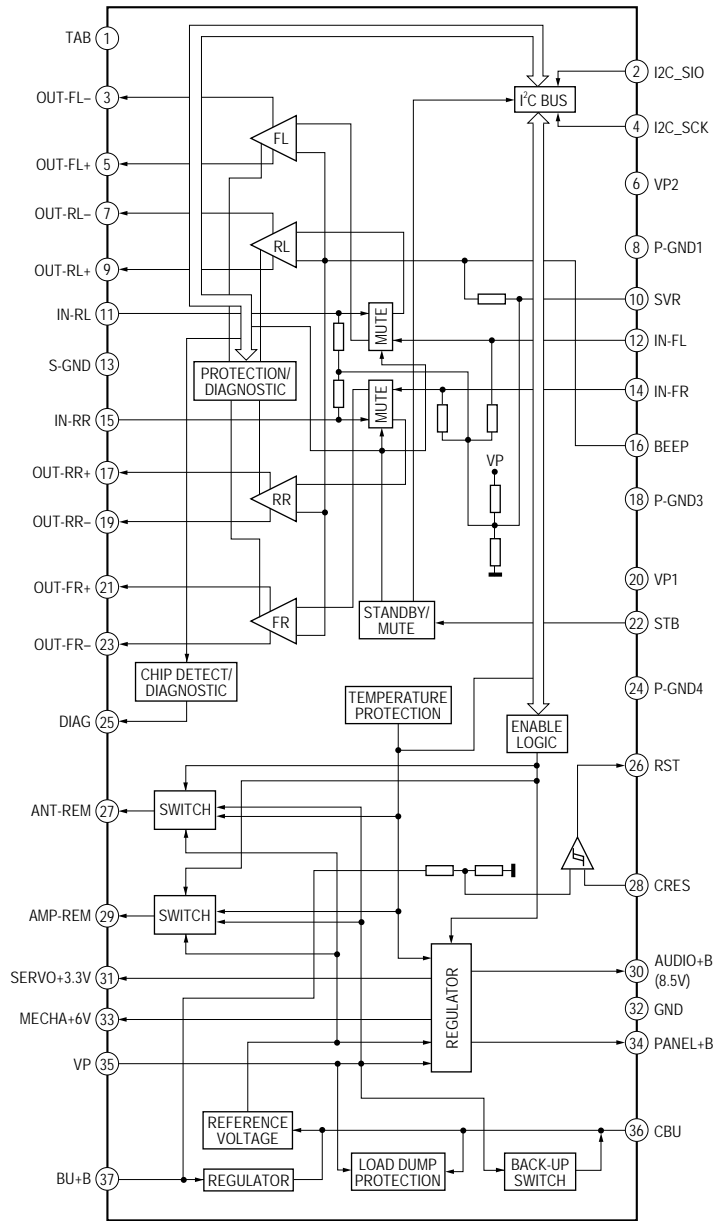
– MAIN Board –



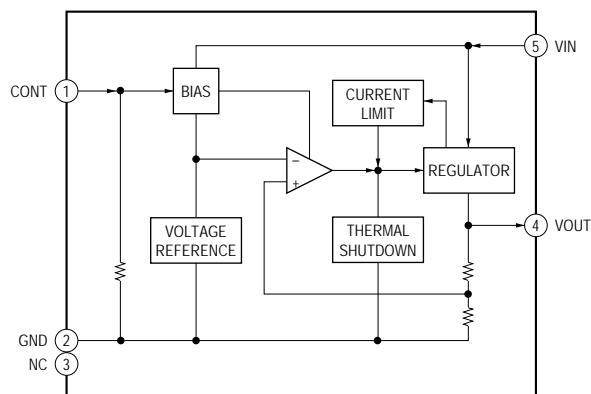
• IC Block Diagrams

– MAIN Board –

IC301 TDF8556AJ/N5

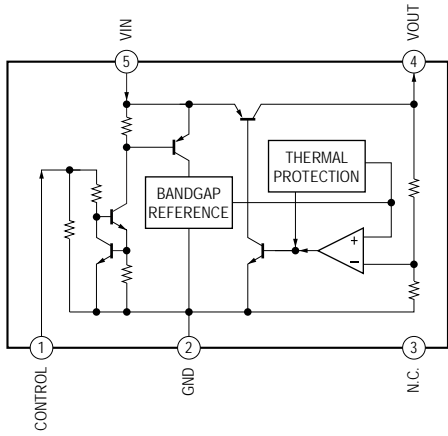


IC402 MM1836A33NRE

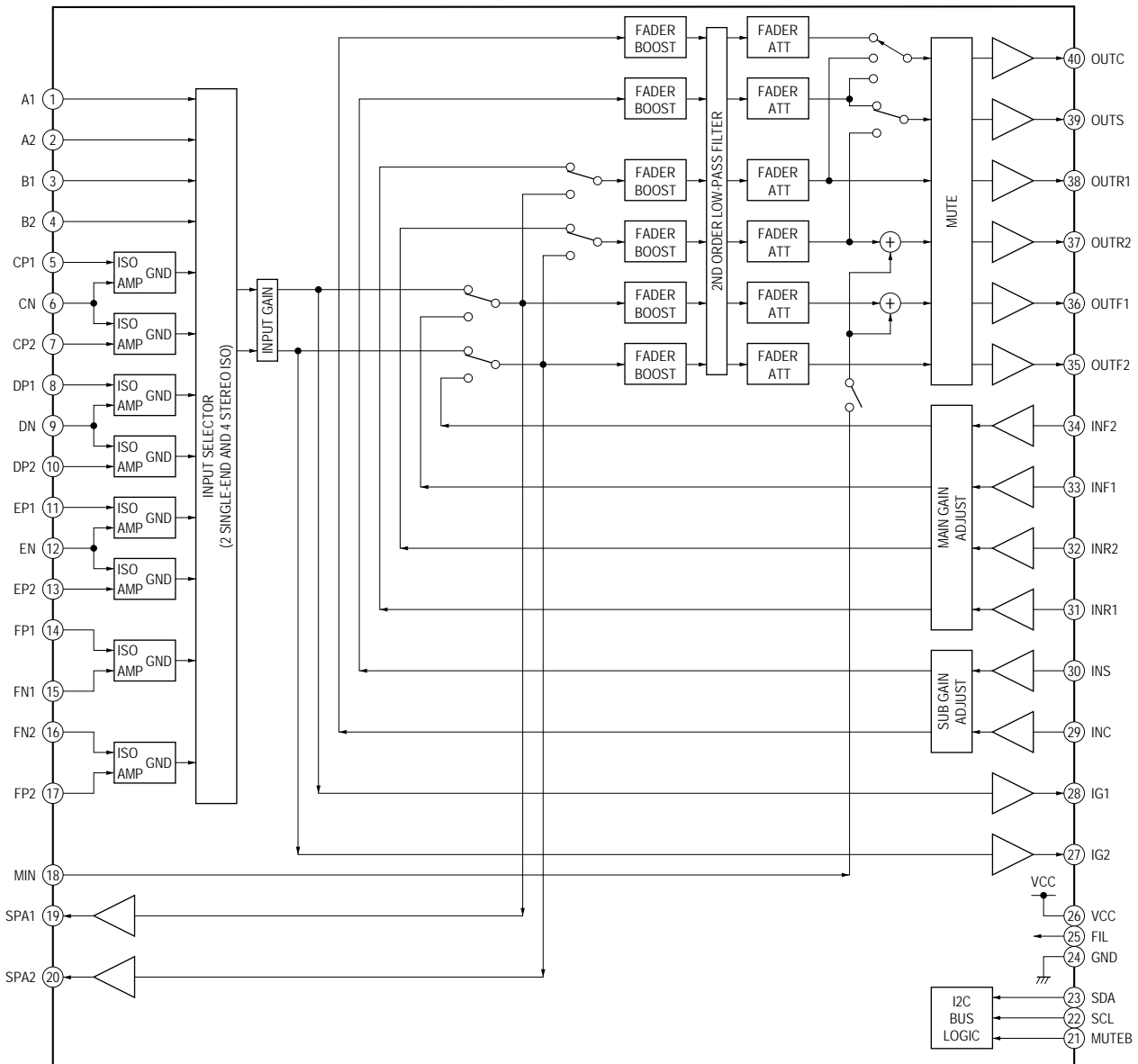


CDX-GT66UPW

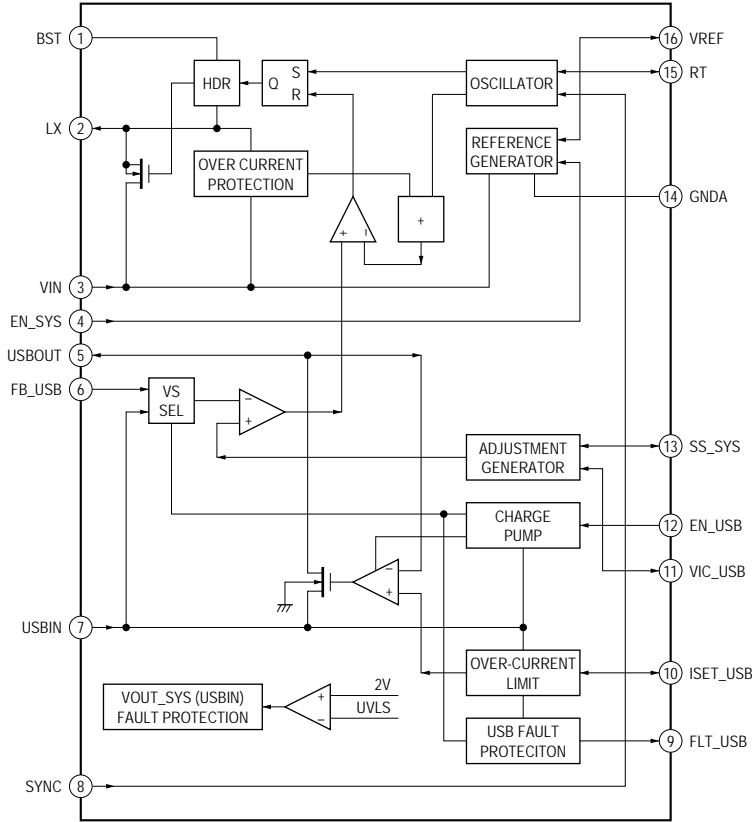
IC681, 682 NJM2878F3-15 (TE2)



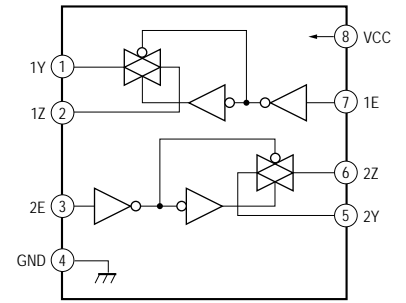
IC401 BD3467FV-E2



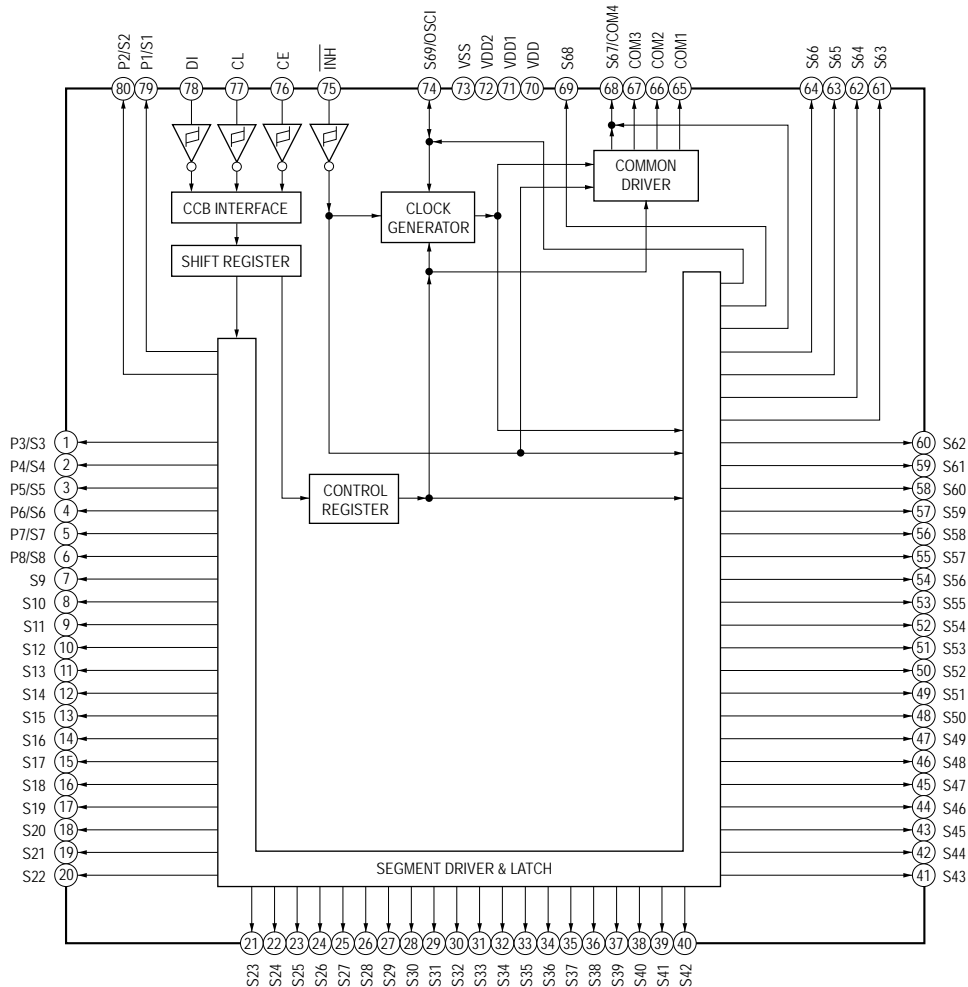
IC1300 OZ539IGN-A1-0-TR



- KEY Board -
IC971 74LVC2G66DC-125



IC981 LC75879PT-US-H



• IC Pin Function Description

MAIN BOARD IC501 R5F3650KBDZ73FA (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	LCD_SO	O	Serial data output to the liquid crystal display driver
2	LCD_CLK	O	Serial clock signal output to the liquid crystal display driver
3	NOSE_SW	I	Front panel remove/attach detection signal input terminal Fixed at "L" in this set
4	SIRCS	I	Remote control signal input from the remote control signal receiver
5	UNISO	-	Not used
6	UNISI	-	Not used
7	UNISCK	-	Not used
8	BYTE	I	External data bus width select signal input Connect to VSS in this set
9	CNVSS	I	Flash write signal input terminal Normally operation: "L", Flash write: "H"
10	XIN	I	Low speed operation clock signal input terminal (32.768 kHz)
11	XOUT	O	Low speed operation clock signal output terminal (32.768 kHz)
12	RESET	I	System reset signal input from the reset signal generator "L": reset
13	OSCOU	O	High speed operation clock signal output terminal (7.92 MHz)
14	VSS	-	Ground terminal
15	OSCIN	I	High speed operation clock signal input terminal (7.92 MHz)
16	VCC1	-	Power supply terminal (+3.3V)
17	NMI	I	Non-maskable interrupt signal input terminal Fixed at "H" in this set
18	RC_IN1	I	Rotary remote commander shift key input terminal
19	BUIN	I	Back up power supply detection signal input terminal "L" is input at low voltage
20	SYSRST	O	Reset signal output terminal
21	BUS_ON	-	Not used
22	MC_RX	I	Serial data input from the CD drive/USB controller
23	DOOR_SW	I	Front panel remove/attach detection signal input terminal
24	MC_TX	O	Serial data output to the CD drive/USB controller
25	DOOR_ING	O	LED drive signal output terminal for the eject button indicator
26	SYNC	O	Synchronize signal output to the DC/DC converter
27	EJECT_OK	O	Eject OK signal output to the CD drive/USB controller
28	BEEP	O	Beep sound drive signal output to the power amplifier
29	I2C_SCK	O	IIC serial clock signal output terminal
30	I2C_SIO	I/O	IIC two-way serial data bus terminal
31	FW_TXD	O	Flash writer data output terminal
32	FW_RXD	I	Flash writer data input terminal
33	FW_CLK	I	Flash writer clock signal output terminal
34	FW_BUSY	O	Flash writer busy signal output terminal
35	XM_TX	O	Serial data output terminal Not used
36	XM_RX	I	Serial data input terminal Not used
37	XM_POWER_EN	O	Power supply on/off control signal output terminal Not used
38	CD_ON	I	Power supply on/off control signal input terminal for the CD section
39	CDM_ON	I	Power supply on/off control signal input terminal for the CD mechanism section
40	WAKE_UP	O	System wakeup signal output to the CD drive/USB controller
41	EPM	O	EPM signal output terminal Fixed at "L" in this set
42	Z_MUTE	I	Muting on/off control signal input from the CD drive/USB controller
43 to 45	NCO	-	Not used
46	CE	O	Chip enable signal output terminal Fixed at "H" in this set
47	HIT2_SDA	I/O	IIC two-way serial data bus with the FM/AM tuner unit
48	HIT2_SCL	O	IIC serial clock signal output to the FM/AM tuner unit
49	HIT2_RESET	O	Reset signal output to the FM/AM tuner unit
50	EN_USB	O	Power supply on/off control signal output to the DC/DC converter
51	VBUS_ON	I	VBUS on/off control signal input from the CD drive/USB controller "H": VBUS on
52	FLT_USB	I	Over current detection signal input from the DC/DC converter
53	EN_SYS	O	Power supply on/off control signal output to the DC/DC converter
54	IPOD	I	iPod connection mode is difference slope setting terminal
55	EXTATT_XEN	-	Not used
56	TELATT	I	Telephone attenuator detection signal input terminal
57	ACC_IN	I	Accessory power detection signal input terminal "L": accessory power on
58	ATT	O	Muting on/off control signal output terminal "H": muting on

Pin No.	Pin Name	I/O	Description
59	DIAG	I	Diagnostic signal input from the power amplifier
60	AMPSTB	O	Standby control signal output to the power amplifier
61	NCO	-	Not used
62	VCC2	-	Power supply terminal (+3.3V)
63	F_AUX_ATT	O	Muting on/off control signal output terminal
64	VSS	-	Ground terminal
65 to 80	NCO	-	Not used
81, 82	RE-IN1, RE-IN0	I	Jog dial pulse input from the rotary encoder
83	ILL_IN	I	Illuminate line detect signal input terminal
84 to 88	NCO	-	Not used
89	SA_DATA	I/O	IIC two-way serial data bus with the audio DSP
90	SA_CLK	O	IIC serial clock signal output to the audio DSP
91, 92	KEYACK0, KEYACK1	I	Acknowledge signal (wake up signal) input terminal
93	NCO	-	Not used
94, 95	KEYIN1, KEYIN0	I	Front panel key input terminal
96	AVSS	-	Ground terminal (for A/D converter)
97	RC_IN0	I	Rotary remote commander shift key input terminal
98	AVRH	I	Reference voltage (+3.3V) input terminal (for A/D converter)
99	AVDD	-	Power supply terminal (+3.3V) (for A/D converter)
100	LCD_CE	O	Chip enable signal output to the liquid crystal display driver

MAIN BOARD IC601 M321FEFG-7KN3 (SY (CD DRIVE/USB CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	AVSS	-	Ground terminal
2	VREFH	I	Reference voltage (+3.3V) input terminal (for A/D converter)
3	RESET	I	Reset signal input from the system controller "L": reset
4	MODE	I	Operation mode setting terminal Fixed at "L" in this unit
5	OPEN_REQ	-	Not used
6	EJECT_OK	I	Eject OK signal input from the system controller
7	NC	-	Not used
8	WAKEUP	I	System wakeup signal input from the system controller
9 to 11	NC	-	Not used
12	BUI_N	I	Back up power supply detection signal input terminal "L" is input at low voltage
13	DVSS	-	Ground terminal
14	NC	-	Not used
15	CD_ZDET	I	Zero detection signal input from the audio DSP
16	DEC_XMUTE	O	Muting on/off control signal output to the audio DSP "L": muting on
17	DEC_LRCK	O	L/R sampling clock signal output to the audio DSP
18	DEC_BCK	O	Bit clock signal output to the audio DSP
19	DEC_DATA	O	Digital audio data output to the audio DSP
20	DEC_GATE	O	Gate signal output to the audio DSP
21	DEC_REQ	I	Request signal input from the audio DSP
22	CD_SO	O	Serial data output to the audio DSP
23	CD_SI	I	Serial data input from the audio DSP
24	CD_SCLK	I	Serial data transfer clock signal output to the audio DSP
25	MEC_SELFVSW	I	Detection signal input from the CD section (self switch)
26	NC	-	Not used
27	DEC_INT	I	Interrupt signal input from the audio DSP
28	CD_XRST	O	Reset request signal output to the audio DSP "L": reset
29	CD_XCCE	O	Chip enable signal output to the audio DSP
30, 31	NC	-	Not used
32	Z/Y_CHECK	-	Not used
33	DVCC3	-	Power supply terminal (+3.3V)
34	DVSS	-	Ground terminal
35	DRV_ON	O	Driver control signal output to the CD section
36	MEC_LOAD	O	Motor (Loading) signal output to the CD section
37	MEC_EJECT	O	Motor (Eject) signal output to the CD section
38	DEC_SSTBY	O	SRAM standby mode control signal output to the audio DSP
39	MEC_LIMIT	I	Detection signal input from the CD section (limit switch)
40	MEC_INSW	I	Detection signal input from the CD section (in switch)
41	MEC_DSW	I	Detection signal input from the CD section (D switch)
42, 43	NC	-	Not used
44	XLINE	-	Not used
45	XINITO	-	Not used
46	FE/SBAD_SEL	-	Not used
47	Z/Y_SEL	I	Z/Y setting terminal
48	NC	-	Not used
49	MECON_CHECK	I	Power supply volatage detection terminal for CD mechanizm section
50	CDON_CHECK	I	Power supply volatage detection terminal for CD section
51	A_ATT	O	Muting on/off control signal output terminal
52	MECON	O	Power supply on/off control signal put terminal for the CD mechanizm section
53	CDON	O	Power supply on/off control signal put terminal for the CD section
54	Z_MUTE	O	Muting on/off control signal input from the system controller
55	TxD	O	Serial data output to the system controller
56	RxD	I	Serial data input from the system controller
57, 58	NC	-	Not used
59	DVCC3	-	Power supply terminal (+3.3V)
60	DVSS	-	Ground terminal
61	SWDIO	-	Not used
62	SWCLK	-	Not used
63	TRACECLK	-	Not used

Pin No.	Pin Name	I/O	Description
64 to 67	TRACEDATA0 to TRACEDATA3	-	Not used
68	CP_SDA	I/O	Serial data input/output for the EEPROM
69	CP_SCL	O	Serial data transfer clock signal output to the EEPROM
70	NC	-	Not used
71	CP_RESET	O	Reset signal output to the EEPROM
72	CPON	O	Power supply on/off control signal output terminal for the EEPROM
73	CDON_15V	O	Power supply on/off control signal output terminal for the CD section
74	VBUS_ON	O	VBUS on/off control signal input from the system controller "H": VBUS on
75	NC	-	Not used
76	REGVCC3	-	Power supply terminal (+3.3V)
77, 78	XT1, XT2	-	Not used
79	CVCC3	-	Power supply terminal (+3.3V)
80	X1	I	System clock input terminal (12 MHz)
81	CVSS	-	Ground terminal
82	X2	O	System clock output terminal (12 MHz)
83	DVCC3	-	Power supply terminal (+3.3V)
84	DVSS	-	Ground terminal
85, 86	USB+, USB-	I/O	Digital audio data bus terminal
87	NMI	-	Not used
88, 89	TEST	-	Not used
90, 91	NC	-	Not used
92	AVCC3	-	Power supply terminal (+3.3V)
93 to 100	NC	-	Not used

MAIN BOARD IC701 TC94A99FG-003 (SY, H (CD HEAD AMP, DIGITAL SERVO PROCESSOR, AUDIO DSP)

Pin No.	Pin Name	I/O	Description
1	LPFO	O	Signal output from the operation amplifier for PLL loop filter
2	PVREF	I	Reference voltage (+1.65V) input terminal
3	VCOF	O	Terminal for VCO filter
4	RVSS3	-	Ground terminal
5	VCOI	I	DSP VCO control voltage input terminal
6	RVDD3	-	Power supply terminal (+3.1V)
7	SLCO	O	EFM slice level output terminal
8	RFI	I	RF signal input terminal
9	RFRPI	I	RF ripple signal input terminal
10	RFEQO	O	EFM slice level output terminal
11	DCOFC	O	Not used
12	AGCI	I	RF signal amplitude adjustment amplification input terminal
13	RFO	O	RF signal generation amplification output terminal Not used
14	RVSS3	-	Ground terminal
15	FNI2	I	Main beam input terminal (Connect with pin diode B)
16	FNI1	I	Main beam input terminal (Connect with pin diode C)
17	FPI2	I	Main beam input terminal (Connect with pin diode C)
18	FPI1	I	Main beam input terminal (Connect with pin diode A)
19	VDD1-1	-	Power supply terminal (+1.5V)
20	TPI	I	Sub beam amplification input terminal (Connect with pin diode F)
21	TNI	I	Sub beam amplification input terminal (Connect with pin diode E)
22	VRO	O	Reference voltage (+1.65V) output terminal Not used
23	AVSS3	-	Ground terminal
24	MDI	I	Monitor photo diode amplification input terminal
25	LDO	O	Laser diode amplification output terminal
26	FSMONIT	-	Not used
27	RFZI	I	RF ripple zero crossing signal input terminal
28	RFRP	O	RF ripple signal output terminal
29	TEI	I	Tracking error signal input terminal
30	AVDD3	-	Power supply terminal (+3.1V)
31	FOO	O	Focus servo equalizer signal output terminal
32	TRO	O	Tracking servo equalizer signal output terminal
33	VSS-1	-	Ground terminal
34	FMO	O	Feeding servo equalizer signal output terminal
35	DMO	O	Disc servo equalizer signal output terminal
36	VDDM1	-	Power supply terminal (+1.5V)
37	/SRAMSTB	I	Strobe signal input from the CD drive/USB controller "L": standby mode
38	VDD1-2	-	Power supply terminal (+1.5V)
39	VDD3-1	-	Power supply terminal (+3.1V)
40	PIO10 to PIO20	-	Not used
51	DVDD12	-	Power supply terminal (+3.1V)
52	DAO1 (R_R-CH)	O	R_R channel data output terminal
53	DVSS12	-	Ground terminal
54	DAO2 (F_R-CH)	O	F_R channel data output terminal
55	DVREF	-	Reference voltage input terminal
56	DVDD34	-	Power supply terminal (+3.1V)
57	DAO3 (F_L-CH)	O	F_L channel data output terminal
58	DVSS34	-	Ground terminal
59	DAO4 (R_L-CH)	O	R_L channel data output terminal
60	DVDD5	-	Power supply terminal (+3.1V)
61	DAO5 (SUB-CH)	O	SUB channel data output terminal
62	DVSS5	-	Ground terminal
63	VDD1-3	-	Power supply terminal (+1.5V)
64	VSS-2	-	Ground terminal
65	XVSS3	-	Ground terminal
66	XI	I	System clock input terminal (16.934 MHz)
67	XO	O	System clock output terminal (16.934 MHz)
68	XVDD3	-	Power supply terminal (+3.1V)

Pin No.	Pin Name	I/O	Description
69	ADVDD3	-	Power supply terminal (+3.1V)
70	ADIN1 (IN_L-CH)	I	Audio signal input terminal (L channel)
71	ADVREFL	O	Reference voltage output terminal
72	ADVCM	O	Reference voltage output terminal
73	ADVREFH	O	Reference voltage output terminal
74	ADIN2 (IN_R-CH)	I	Audio signal input terminal (R channel)
75	ADVSS3	-	Ground terminal
76	MS	I	I/F mode selection signal input terminal Fixed at "L" in this unit
77, 78	BUS0, BUS1	I/O	Bus data input/output terminal Not used
79	So	O	Serial data output to the CD drive/USB controller
80	Si	I	Serial data input from the CD drive/USB controller
81	SCL	I	Bus clock signal input from the CD drive/USB controller
82	/CCE	I	Chip enable signal input from the CD drive/USB controller
83	VDD3-2	-	Power supply terminal (+3.1V)
84	VSS-3	-	Ground terminal
85	/RST	I	Reset signal input from the system controller
86	VDD1-4	-	Power supply terminal (+1.5V)
87	DEC_REQ	O	Request signal output to the CD drive/USB controller
88	BSIF-REQ	O	Request signal output to the CD drive/USB controller
89	BSIF-GATE	I	Gate signal input from the CD drive/USB controller
90	BSIF_DATA	I	Audio data input from the CD drive/USB controller
91	BSIF_BCK	I	Bit clock signal input from the CD drive/USB controller
92	BSIF_LRCK	I	L/R sampling clock signal (44.1 kHz) input terminal for audio data input
93	BSIF_XMUTE	I	Muting on/off control signal input from the CD drive/USB controller
94	ZDET	O	Zero detection signal output terminal
95	SP_DATA	O	Spectrum analyzer data output to the system controller
96	SP_CLK	I	Spectrum analyzer data transfer clock signal input from the system controller
97	TEST	I	Setting terminal for test mode Normally fixed at "L"
98	PDO	O	Phase error margin signal between EFM signal and PLCK signal output terminal
99	TMAX	O	TMAX detection result output terminal
100	LPFN	I	Inverted signal input from the operation amplifier for PLL loop filter

SECTION 5 EXPLODED VIEWS

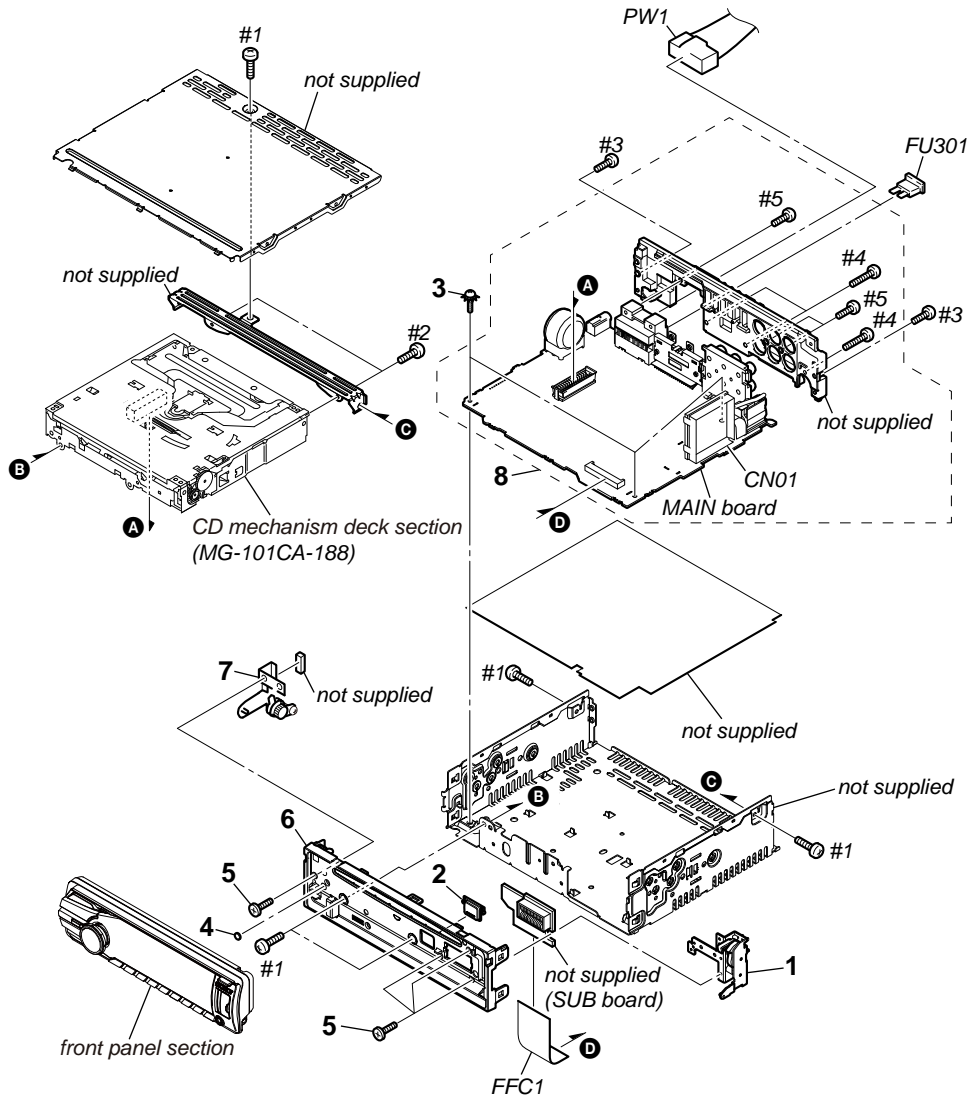
Note:

- -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)

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

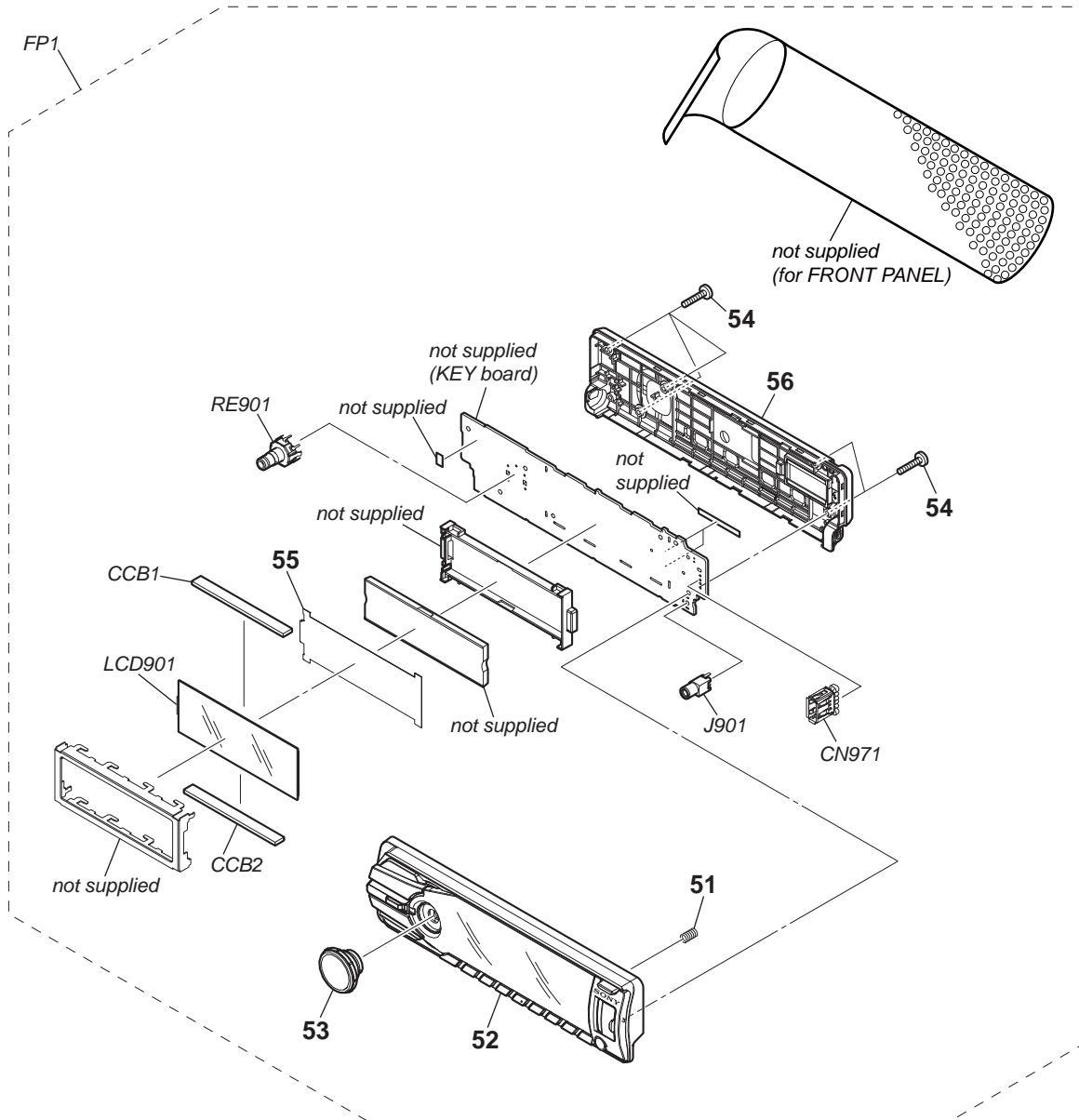
↑ ↑
Parts Color Cabinet's Color

5-1. MAIN SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	X-2176-199-1	LOCK ASSY		FU301	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) (10 A/32 V)	
2	3-246-441-02	BUTTON (EJECT) (\triangle)		PW1	1-839-374-11	CONNECTION CORD FOR AUTOMOBILE (POWER)	
3	3-376-464-11	SCREW (+PTT 2.6X6), GROUND POINT		#1	7-685-792-09	SCREW +PTT 2.6X6 (S)	
4	3-260-247-01	CUSHION (SUB PANEL)		#2	7-685-790-01	SCREW +PTT 2.6X4 (S)	
5	3-042-244-01	SCREW (T)		#3	7-685-793-01	SCREW +PTT 2.6X8 (S)	
6	X-2581-397-2	PANEL (SUB) ASSY		#4	7-685-794-01	SCREW +PTT 2.6X10 (S)	
7	X-2515-757-1	GEAR ASSY		#5	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT	
8	A-1885-299-A	MAIN BOARD, COMPLETE					
CN01	A-1878-198-A	TUX-DSP02 (FM/AM TUNER UNIT)					
FFC1	1-834-627-11	CABLE, FLEXIBLE FLAT (23 CORE)					

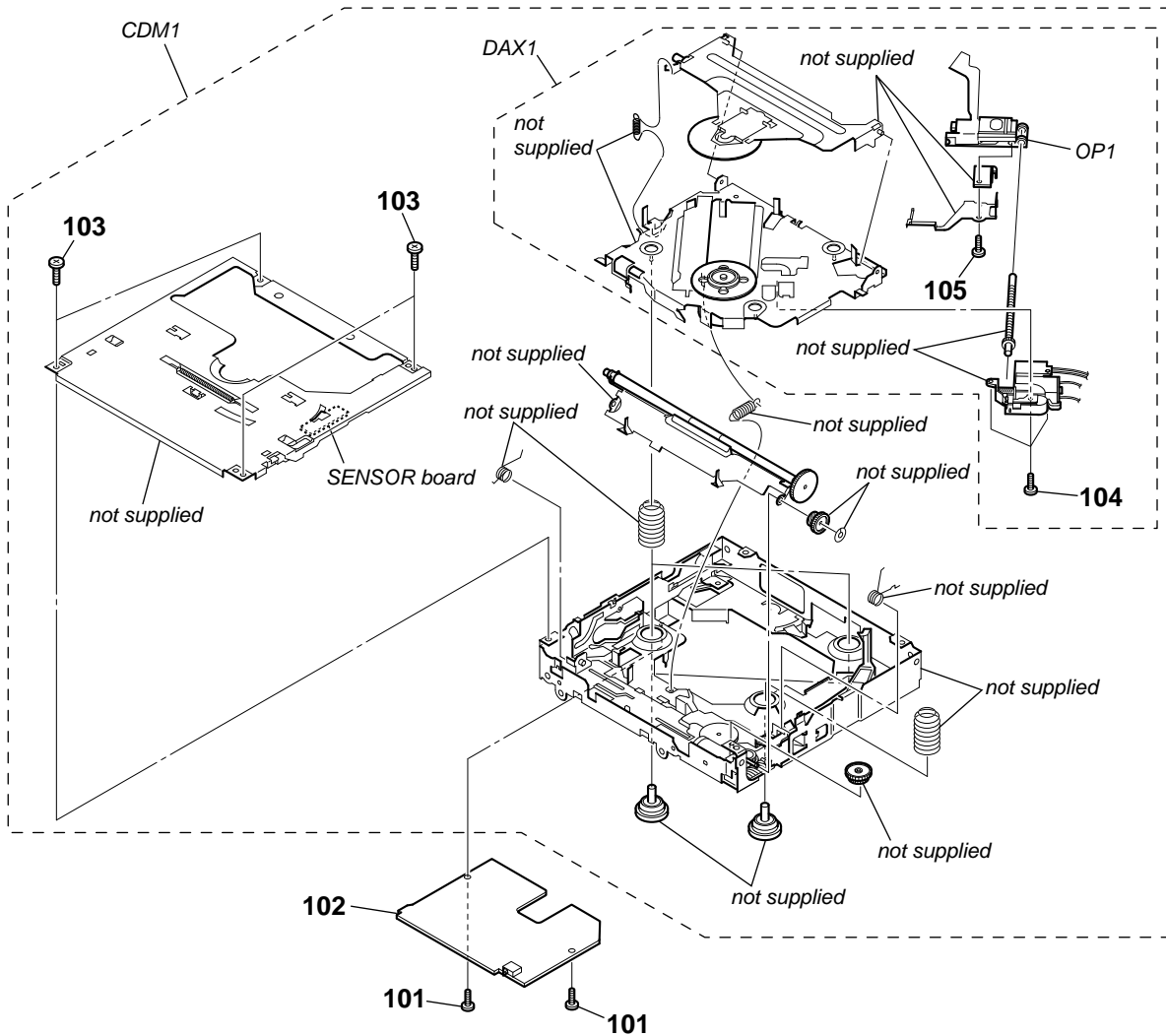
5-2. FRONT PANEL SECTION



Note: Refer to the servicing notes “NOTE FOR REPLACEMENT OF THE USB CONNECTOR (CN971) AND THE AUX JACK (J901)” (See page 4), if replacing the Ref. No. CN971 and the Ref. No. J901.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	3-264-712-01	SPRING (OPEN)		CCB2	1-780-563-11	CONDUCTIVE BOARD, CONNECTION	
52	X-2584-875-1	PANEL (SV) ASSY, FRONT		CN971	1-842-336-11	USB CONNECTOR (♯)	
53	X-2582-550-1	KNOB ASSY (S)		FP1	A-1885-300-A	PANEL COMPLETE ASSY, FRONT	
54	4-290-177-01	SCREW (+B P-TITE M2)		J901	1-842-936-12	JACK (SMALL TYPE) (DIA. 3.5) (AUX)	
55	4-184-979-01	ILLUMINATOR (LCD)		LCD901	1-811-223-11	DISPLAY PANEL, LIQUID CRYSTAL	
56	X-2548-577-1	PANEL (SV) ASSY, BACK		RE901	1-487-023-22	ROTARY ENCODER	
CCB1	1-780-563-11	CONDUCTIVE BOARD, CONNECTION				(PUSH ENTER/SELECT (VOLUME))	

5-3. CD MECHANISM DECK SECTION (MG-101CA-188)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	3-352-758-31	SCREW (M1.7X2.5), TOOTHED LOCK		CDM1	A-1866-801-A	MECHANICAL BLOCK (11CA) ASSY	
102	A-1866-089-A	SERVO BOARD, COMPLETE		△ DAX1	A-1284-705-A	DAXEV08	
103	2-134-636-71	SCREW (M1.7X2.5)		△ OP1	X-2149-672-1	OPTICAL PICK-UP (DAX-25A) (for SERVICE)	
104	2-626-869-31	SCREW (M2X3), SERRATION					
105	3-686-458-21	SCREW (P1.4), TAPPING					

SECTION 6
ELECTRICAL PARTS LIST

KEY

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: μ F
- COILS
uH: μ H
- SEMICONDUCTORS
In each case, u: μ , for example:
uA. . . : μ A. . . , uPA. . . , μ PA. . . ,
uPB. . . : μ PB. . . , uPC. . . , μ PC. . . ,
uPD. . . : μ PD. . .

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

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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		KEY BOARD *****				< IC >	
		< CAPACITOR >		IC971	6-710-361-01	IC 74LVC2G66DC-125	
				IC981	6-715-732-01	IC LC75879PT-US-H	
				IC984	6-600-629-01	IC RS-470 \square	
						< COIL >	
C903	1-100-597-91	CERAMIC CHIP 0.1uF	10% 25V	L921	1-457-223-11	COMMON MODE CHOKE COIL	
C904	1-162-964-11	CERAMIC CHIP 0.001uF	10% 50V			< LED >	
C905	1-114-331-11	CERAMIC CHIP 4.7uF	10% 10V	LED986	6-503-357-01	LED SMLV56RGB1U1 (KEY ILLUMINATION)	
C981	1-100-597-91	CERAMIC CHIP 0.1uF	10% 25V	LED988	6-503-357-01	LED SMLV56RGB1U1 (LCD BACK LIGHT)	
C982	1-100-597-91	CERAMIC CHIP 0.1uF	10% 25V	LED989	6-503-357-01	LED SMLV56RGB1U1 (KEY ILLUMINATION)	
				LED990	6-503-357-01	LED SMLV56RGB1U1 (RING ILLUMINATION)	
						< TRANSISTOR >	
				Q971	8-729-027-23	TRANSISTOR DTA114EKA-T146	
				Q972	6-551-272-01	TRANSISTOR RT3CLLM	
				Q973	6-551-272-01	TRANSISTOR RT3CLLM	
				Q974	6-551-272-01	TRANSISTOR RT3CLLM	
				Q975	6-551-272-01	TRANSISTOR RT3CLLM	
				Q976	6-551-272-01	TRANSISTOR RT3CLLM	
				Q977	6-551-272-01	TRANSISTOR RT3CLLM	
						< RESISTOR >	
				R900	1-216-808-11	METAL CHIP 82 5% 1/10W	
				R901	1-216-833-11	METAL CHIP 10K 5% 1/10W	
				R902	1-216-833-11	METAL CHIP 10K 5% 1/10W	
				R910	1-216-807-11	METAL CHIP 68 5% 1/10W	
				R911	1-216-797-11	METAL CHIP 10 5% 1/10W	
				R912	1-216-803-11	METAL CHIP 33 5% 1/10W	
				R916	1-216-806-11	METAL CHIP 56 5% 1/10W	
				R918	1-216-806-11	METAL CHIP 56 5% 1/10W	
				R919	1-216-797-11	METAL CHIP 10 5% 1/10W	
				R920	1-216-803-11	METAL CHIP 33 5% 1/10W	
				R926	1-216-806-11	METAL CHIP 56 5% 1/10W	
				R928	1-216-806-11	METAL CHIP 56 5% 1/10W	
				R930	1-216-804-11	METAL CHIP 39 5% 1/10W	
				R932	1-216-806-11	METAL CHIP 56 5% 1/10W	
				R933	1-216-833-11	METAL CHIP 10K 5% 1/10W	
				R934	1-216-833-11	METAL CHIP 10K 5% 1/10W	
				R935	1-216-833-11	METAL CHIP 10K 5% 1/10W	
				R937	1-216-806-11	METAL CHIP 56 5% 1/10W	
				R939	1-216-804-11	METAL CHIP 39 5% 1/10W	
				R940	1-216-833-11	METAL CHIP 10K 5% 1/10W	
						< FERRITE BEAD >	
FB901	1-414-385-21	INDUCTOR, FERRITE BEAD					
FB902	1-414-385-21	INDUCTOR, FERRITE BEAD					
FB903	1-414-385-21	INDUCTOR, FERRITE BEAD					

CDX-GT66UPW

KEY **MAIN**

Ref. No.	Part No.	Description	Remark
R947	1-216-810-11	METAL CHIP 120 5%	1/10W
R951	1-216-820-11	METAL CHIP 820 5%	1/10W
R952	1-216-821-11	METAL CHIP 1K 5%	1/10W
R953	1-216-821-11	METAL CHIP 1K 5%	1/10W
R954	1-216-822-11	METAL CHIP 1.2K 5%	1/10W
R955	1-216-823-11	METAL CHIP 1.5K 5%	1/10W
R956	1-216-824-11	METAL CHIP 1.8K 5%	1/10W
R957	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R958	1-216-806-11	METAL CHIP 56 5%	1/10W
R959	1-216-820-11	METAL CHIP 820 5%	1/10W
R960	1-216-821-11	METAL CHIP 1K 5%	1/10W
R961	1-216-821-11	METAL CHIP 1K 5%	1/10W
R962	1-216-822-11	METAL CHIP 1.2K 5%	1/10W
R963	1-216-823-11	METAL CHIP 1.5K 5%	1/10W
R964	1-216-824-11	METAL CHIP 1.8K 5%	1/10W
R965	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R966	1-216-827-11	METAL CHIP 3.3K 5%	1/10W
R967	1-216-810-11	METAL CHIP 120 5%	1/10W
R968	1-216-814-11	METAL CHIP 270 5%	1/10W
R971	1-216-833-11	METAL CHIP 10K 5%	1/10W
R972	1-216-833-11	METAL CHIP 10K 5%	1/10W
R973	1-216-817-11	METAL CHIP 470 5%	1/10W
R974	1-216-817-11	METAL CHIP 470 5%	1/10W
R975	1-216-817-11	METAL CHIP 470 5%	1/10W
R976	1-216-797-11	METAL CHIP 10 5%	1/10W
R977	1-216-797-11	METAL CHIP 10 5%	1/10W
R978	1-216-809-11	METAL CHIP 100 5%	1/10W
R981	1-216-809-11	METAL CHIP 100 5%	1/10W
R982	1-216-859-11	METAL CHIP 1.5M 5%	1/10W
R983	1-216-025-11	METAL CHIP 100 5%	1/10W
R984	1-216-025-11	METAL CHIP 100 5%	1/10W
R985	1-216-025-11	METAL CHIP 100 5%	1/10W
R986	1-216-033-00	METAL CHIP 220 5%	1/10W
R987	1-216-821-11	METAL CHIP 1K 5%	1/10W
R988	1-216-809-11	METAL CHIP 100 5%	1/10W
R989	1-216-806-11	METAL CHIP 56 5%	1/10W
R990	1-216-810-11	METAL CHIP 120 5%	1/10W
R997	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R998	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R999	1-216-001-00	METAL CHIP 10 5%	1/10W
< SWITCH >			
S951	1-786-653-21	SWITCH, TACTILE (SOURCE, OFF)	
S952	1-786-653-21	SWITCH, TACTILE (SEEK+, >>>>)	
S953	1-786-653-21	SWITCH, TACTILE (MODE)	
S954	1-786-653-21	SWITCH, TACTILE (Q)	
S955	1-786-653-21	SWITCH, TACTILE (ZAP)	
S956	1-786-653-21	SWITCH, TACTILE (SEEK-, <<<<)	
S957	1-786-653-21	SWITCH, TACTILE (COLOR)	
S959	1-786-653-21	SWITCH, TACTILE (SCRL, DSPL)	
S960	1-786-653-21	SWITCH, TACTILE (PAUSE, 6)	
S961	1-786-653-21	SWITCH, TACTILE (5)	
S962	1-786-653-21	SWITCH, TACTILE (SHUF, 4)	
S963	1-786-653-21	SWITCH, TACTILE (REP, 3)	
S964	1-786-653-21	SWITCH, TACTILE (ALBUM▲, 2)	
S965	1-786-653-21	SWITCH, TACTILE (▼ALBUM, 1)	
S966	1-786-653-21	SWITCH, TACTILE (PTY)	
S971	1-798-032-11	SWITCH, DETECTION (FRONT PANEL OPEN/CLOSE DETECT)	

Ref. No.	Part No.	Description	Remark
A-1885-299-A		MAIN BOARD, COMPLETE *****	
7-685-134-19		SCREW +P 2.6X8 TYPE2 NON-SLIT	
7-685-794-01		SCREW +PTT 2.6X10 (S)	
< CAPACITOR >			
C10	1-100-591-91	CERAMIC CHIP 1uF 10%	25V
C11	1-137-765-21	ELECT CHIP 47uF 20%	16V
C15	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
C100	1-114-582-91	CERAMIC CHIP 0.1uF 10%	16V
C101	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V
C103	1-114-868-11	CERAMIC CHIP 0.1uF 10%	50V
C203	1-164-937-11	CERAMIC CHIP 0.001uF 10%	50V
C301	1-127-715-11	CERAMIC CHIP 0.22uF 10%	16V
C302	1-116-733-11	CERAMIC CHIP 1uF 10%	25V
C303	1-137-893-11	ELECT CHIP 22uF 20%	16V
C305	1-116-733-11	CERAMIC CHIP 1uF 10%	25V
C306	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
C308	1-127-715-11	CERAMIC CHIP 0.22uF 10%	16V
C309	1-100-354-21	ELECT CHIP 220uF 20%	6.3V
C311	1-127-715-11	CERAMIC CHIP 0.22uF 10%	16V
C312	1-124-779-00	ELECT CHIP 10uF 20%	16V
C313	1-137-765-21	ELECT CHIP 47uF 20%	16V
C314	1-112-064-11	CERAMIC CHIP 2.2uF 10%	10V
C315	1-112-780-11	CERAMIC CHIP 0.47uF 10%	16V
C317	1-112-780-11	CERAMIC CHIP 0.47uF 10%	16V
C319	1-112-780-11	CERAMIC CHIP 0.47uF 10%	16V
C321	1-112-780-11	CERAMIC CHIP 0.47uF 10%	16V
C323	1-164-937-11	CERAMIC CHIP 0.001uF 10%	50V
C326	1-164-866-11	CERAMIC CHIP 47PF 5%	50V
C327	1-116-733-11	CERAMIC CHIP 1uF 10%	25V
C329	1-128-996-11	ELECT CHIP 4.7uF 20%	50V
C330	1-116-739-11	CERAMIC CHIP 0.47uF 10%	50V
C331	1-116-739-11	CERAMIC CHIP 0.47uF 10%	50V
C334	1-112-302-11	ELECT 3300uF 20%	16V
C335	1-114-868-11	CERAMIC CHIP 0.1uF 10%	50V
C397	1-114-868-11	CERAMIC CHIP 0.1uF 10%	50V
C398	1-100-905-11	CERAMIC CHIP 0.001uF 10%	50V
C399	1-100-591-91	CERAMIC CHIP 1uF 10%	25V
C401	1-114-582-91	CERAMIC CHIP 0.1uF 10%	16V
C402	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
C403	1-100-354-21	ELECT CHIP 220uF 20%	6.3V
C407	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V
C409	1-100-588-21	ELECT CHIP 1000uF 20%	6.3V
C411	1-100-354-21	ELECT CHIP 220uF 20%	6.3V
C413	1-124-779-00	ELECT CHIP 10uF 20%	16V
C414	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V
C415	1-128-398-11	ELECT CHIP 220uF 20%	16V
C416	1-128-992-21	ELECT CHIP 47uF 20%	25V
C419	1-124-779-00	ELECT CHIP 10uF 20%	16V
C420	1-124-779-00	ELECT CHIP 10uF 20%	16V
C422	1-124-779-00	ELECT CHIP 10uF 20%	16V
C424	1-124-779-00	ELECT CHIP 10uF 20%	16V
C425	1-124-779-00	ELECT CHIP 10uF 20%	16V
C436	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
C437	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
C438	1-112-064-11	CERAMIC CHIP 2.2uF 10%	10V
C442	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V
C457	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V
C501	1-162-923-11	CERAMIC CHIP 47PF 5%	50V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C502	1-164-937-11	CERAMIC CHIP 0.001uF 10%	50V	C735	1-114-582-91	CERAMIC CHIP 0.1uF 10%	16V
C503	1-162-923-11	CERAMIC CHIP 47PF 5%	50V	C737	1-100-742-91	CERAMIC CHIP 2.2uF 20%	10V
C504	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V	C738	1-100-742-91	CERAMIC CHIP 2.2uF 20%	10V
C507	1-164-858-11	CERAMIC CHIP 22PF 5%	50V	C739	1-114-582-91	CERAMIC CHIP 0.1uF 10%	16V
C508	1-164-856-81	CERAMIC CHIP 18PF 5%	50V	* C742	1-116-727-11	CERAMIC CHIP 2.2uF 10%	16V
C510	1-165-908-11	CERAMIC CHIP 1uF 10%	10V	* C744	1-116-727-11	CERAMIC CHIP 2.2uF 10%	16V
C512	1-164-937-11	CERAMIC CHIP 0.001uF 10%	50V	* C746	1-116-727-11	CERAMIC CHIP 2.2uF 10%	16V
C513	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	C747	1-164-939-11	CERAMIC CHIP 0.0022uF 10%	50V
C514	1-164-937-11	CERAMIC CHIP 0.001uF 10%	50V	C748	1-164-939-11	CERAMIC CHIP 0.0022uF 10%	50V
C518	1-119-923-11	CERAMIC CHIP 0.047uF 10%	10V	C750	1-126-603-11	ELECT CHIP 4.7uF 20%	35V
C520	1-164-866-11	CERAMIC CHIP 47PF 5%	50V	C751	1-126-603-11	ELECT CHIP 4.7uF 20%	35V
C521	1-164-866-11	CERAMIC CHIP 47PF 5%	50V	C752	1-126-603-11	ELECT CHIP 4.7uF 20%	35V
C522	1-100-567-81	CERAMIC CHIP 0.01uF 10%	25V	C753	1-126-603-11	ELECT CHIP 4.7uF 20%	35V
C523	1-100-567-81	CERAMIC CHIP 0.01uF 10%	25V	C754	1-100-742-91	CERAMIC CHIP 2.2uF 20%	10V
C601	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V	C756	1-164-937-11	CERAMIC CHIP 0.001uF 10%	50V
C605	1-100-567-81	CERAMIC CHIP 0.01uF 10%	25V	C759	1-100-567-81	CERAMIC CHIP 0.01uF 10%	25V
C606	1-100-567-81	CERAMIC CHIP 0.01uF 10%	25V	C760	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V
C607	1-100-567-81	CERAMIC CHIP 0.01uF 10%	25V	C761	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V
C608	1-114-582-91	CERAMIC CHIP 0.1uF 10%	16V	C764	1-164-937-11	CERAMIC CHIP 0.001uF 10%	50V
C609	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V	C766	1-100-567-81	CERAMIC CHIP 0.01uF 10%	25V
C610	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V	C767	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C612	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V	C768	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C613	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C771	1-164-866-11	CERAMIC CHIP 47PF 5%	50V
C614	1-164-850-11	CERAMIC CHIP 10PF 0.5PF	50V	C772	1-127-988-81	CERAMIC CHIP 0.015uF 10%	16V
C615	1-164-850-11	CERAMIC CHIP 10PF 0.5PF	50V	C776	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V
C616	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C777	1-100-567-81	CERAMIC CHIP 0.01uF 10%	25V
C617	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V	C778	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C680	1-100-567-81	CERAMIC CHIP 0.01uF 10%	25V	C779	1-100-567-81	CERAMIC CHIP 0.01uF 10%	25V
C681	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V	C780	1-164-172-11	CERAMIC CHIP 0.0056uF 10%	25V
C682	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V	C781	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V
C683	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V	C782	1-114-582-91	CERAMIC CHIP 0.1uF 10%	16V
C685	1-164-937-11	CERAMIC CHIP 0.001uF 10%	50V	C783	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C686	1-164-937-11	CERAMIC CHIP 0.001uF 10%	50V	C784	1-127-988-81	CERAMIC CHIP 0.015uF 10%	16V
C687	1-165-908-11	CERAMIC CHIP 1uF 10%	10V	C786	1-114-582-91	CERAMIC CHIP 0.1uF 10%	16V
C688	1-165-884-11	CERAMIC CHIP 2.2uF 10%	6.3V	C787	1-114-582-91	CERAMIC CHIP 0.1uF 10%	16V
C689	1-165-884-11	CERAMIC CHIP 2.2uF 10%	6.3V	C788	1-164-937-11	CERAMIC CHIP 0.001uF 10%	50V
C690	1-165-908-11	CERAMIC CHIP 1uF 10%	10V	C789	1-164-939-11	CERAMIC CHIP 0.0022uF 10%	50V
C701	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V	C792	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C711	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V	C1301	1-100-591-91	CERAMIC CHIP 1uF 10%	25V
C712	1-126-208-21	ELECT CHIP 47uF 20%	4V	C1304	1-116-705-11	CERAMIC CHIP 47uF 20%	16V
C713	1-119-923-11	CERAMIC CHIP 0.047uF 10%	10V	C1305	1-100-055-21	CERAMIC CHIP 22uF 20%	16V
C714	1-119-923-11	CERAMIC CHIP 0.047uF 10%	10V	C1306	1-164-936-11	CERAMIC CHIP 680PF 10%	50V
C715	1-164-935-11	CERAMIC CHIP 470PF 10%	50V	C1307	1-164-943-81	CERAMIC CHIP 0.01uF 10%	16V
C716	1-162-962-11	CERAMIC CHIP 470PF 10%	50V	C1308	1-112-064-11	CERAMIC CHIP 2.2uF 10%	10V
C717	1-114-582-91	CERAMIC CHIP 0.1uF 10%	16V	C1309	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V
C718	1-127-772-81	CERAMIC CHIP 0.033uF 10%	10V	C1310	1-114-582-91	CERAMIC CHIP 0.1uF 10%	16V
C719	1-100-579-81	CERAMIC CHIP 0.0056uF 10%	25V	C1311	1-117-681-11	ELECT CHIP 100uF 20%	16V
C720	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C1312	1-100-567-81	CERAMIC CHIP 0.01uF 10%	25V
C721	1-114-582-91	CERAMIC CHIP 0.1uF 10%	16V	C1315	1-100-055-21	CERAMIC CHIP 22uF 20%	16V
C722	1-114-582-91	CERAMIC CHIP 0.1uF 10%	16V	C1316	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V
C724	1-114-582-91	CERAMIC CHIP 0.1uF 10%	16V	C1317	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V
C725	1-124-778-00	ELECT CHIP 22uF 20%	6.3V	< TUNER UNIT/CONNECTOR >			
C726	1-164-940-11	CERAMIC CHIP 0.0033uF 10%	16V	CN01	A-1878-198-A	TUX-DSP02 (FM/AM TUNER UNIT)	
C727	1-164-940-11	CERAMIC CHIP 0.0033uF 10%	16V	CN101	1-770-530-31	CONNECTOR, FFC/FPC 23P	
C728	1-164-940-11	CERAMIC CHIP 0.0033uF 10%	16V	CN301	1-843-352-11	PIN, CONNECTOR 16P	
C729	1-164-940-11	CERAMIC CHIP 0.0033uF 10%	16V	CN700	1-842-487-12	CONNECTOR, BOARD TO BOARD 28P	
C730	1-164-940-11	CERAMIC CHIP 0.0033uF 10%	16V	< DIODE/SURGE ABSORBER >			
C732	1-164-937-11	CERAMIC CHIP 0.001uF 10%	50V	D101	6-503-205-01	DIODE RKZ6.8B2KGP1	
C733	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V				
C734	1-164-860-11	CERAMIC CHIP 27PF 5%	50V				

CDX-GT66UPW

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
D102	6-503-205-01	DIODE RKZ6.8B2KGP1		FB762	1-216-864-11	SHORT CHIP 0	
D103	6-503-205-01	DIODE RKZ6.8B2KGP1		FB782	1-469-084-21	FERRITE	
D104	6-503-205-01	DIODE RKZ6.8B2KGP1		FB801	1-500-113-22	BEAD, FERRITE (CHIP) (1608)	
D105	6-503-205-01	DIODE RKZ6.8B2KGP1		FB802	1-500-113-22	BEAD, FERRITE (CHIP) (1608)	
				FB803	1-500-113-22	BEAD, FERRITE (CHIP) (1608)	
D106	6-503-205-01	DIODE RKZ6.8B2KGP1					
D107	6-503-205-01	DIODE RKZ6.8B2KGP1		FB890	1-500-113-22	BEAD, FERRITE (CHIP) (1608)	
D108	6-503-205-01	DIODE RKZ6.8B2KGP1		FB891	1-500-113-22	BEAD, FERRITE (CHIP) (1608)	
D109	6-503-213-01	DIODE RKZ18B2KGP1					
D110	6-503-205-01	DIODE RKZ6.8B2KGP1				< IC >	
D116	6-503-205-01	DIODE RKZ6.8B2KGP1		IC301	6-715-848-21	IC TDF8556AJ/N5	
D117	1-805-043-11	ABSORBER, CHIP SURGE		IC401	6-714-623-01	IC BD3467FV-E2	
D118	1-805-043-11	ABSORBER, CHIP SURGE		IC402	6-716-993-01	IC MM1836A33NRE	
D119	6-503-205-01	DIODE RKZ6.8B2KGP1		IC403	6-712-776-01	IC PST8228UL	
D120	6-503-205-01	DIODE RKZ6.8B2KGP1		IC501	6-719-084-01	IC R5F3650KBDZ73FA (for SERVICE)	
D121	6-503-205-01	DIODE RKZ6.8B2KGP1					
D122	6-503-205-01	DIODE RKZ6.8B2KGP1		IC601	6-718-962-01	IC M321FEFG-7KN3 (SY	
D123	6-503-205-01	DIODE RKZ6.8B2KGP1		IC680	6-713-560-01	IC MF1341S2162	
D198	6-503-205-01	DIODE RKZ6.8B2KGP1		IC681	6-711-238-01	IC NJM2878F3-15 (TE2)	
D199	6-503-205-01	DIODE RKZ6.8B2KGP1		IC682	6-711-238-01	IC NJM2878F3-15 (TE2)	
				IC701	6-715-712-11	IC TC94A99FG-003 (SY, H	
D301	6-503-213-01	DIODE RKZ18B2KGP1					
D307	6-503-213-01	DIODE RKZ18B2KGP1		IC1300	6-718-913-01	IC OZ539IGN-A1-0-TR	
D308	6-502-961-01	DIODE DA2J10100L				< JACK >	
D318	6-503-238-01	DIODE GN1G					
D320	6-503-213-01	DIODE RKZ18B2KGP1		J1	1-822-949-21	JACK (ANT) (ANTENNA IN)	
				J403	1-822-714-21	JACK, PIN 6P (FRONT/REAR AUDIO OUT, SUB OUT (MONO))	
D321	6-503-238-01	DIODE GN1G		J801	1-566-822-81	JACK (REMOTE IN)	
D323	6-503-213-01	DIODE RKZ18B2KGP1				< COIL/JUMPER RESISTOR >	
D324	6-503-238-01	DIODE GN1G					
D400	6-500-334-01	DIODE MC2836-T112-1		L1	1-400-073-21	INDUCTOR 4.7uH	
D401	6-502-961-01	DIODE DA2J10100L		L301	1-460-443-11	CHOKO COIL 140uH	
D403	6-500-335-01	DIODE MC2838-T112-1		L1300	1-216-296-11	SHORT CHIP 0	
D530	6-502-131-01	DIODE LRB751V-40T1G		L1301	1-481-904-11	CHOKO COIL 47uH	
D731	6-501-013-01	DIODE BAT54ALT1G				< TRANSISTOR >	
D805	6-503-206-01	DIODE RKZ7.5B2KGP1		Q301	8-729-620-13	TRANSISTOR 2SC4154TP-1EF	
D806	6-503-213-01	DIODE RKZ18B2KGP1		Q302	8-729-620-13	TRANSISTOR 2SC4154TP-1EF	
				Q303	6-552-430-01	TRANSISTOR DRC5114E0L	
D1300	6-503-319-01	DIODE DB2X41400L		Q401	6-552-937-01	TRANSISTOR LTC014TUBFS8TL	
		< FUSE >		Q402	6-552-937-01	TRANSISTOR LTC014TUBFS8TL	
F4	1-576-416-21	FUSE (2 A/36 V)		Q403	6-552-937-01	TRANSISTOR LTC014TUBFS8TL	
		< FERRITE BEAD/JUMPER RESISTOR >		Q404	6-552-937-01	TRANSISTOR LTC014TUBFS8TL	
FB19	1-400-334-21	FERRITE, EMI (SMD) (1608)		Q405	6-552-937-01	TRANSISTOR LTC014TUBFS8TL	
FB398	1-469-084-21	FERRITE		Q407	6-552-410-01	TRANSISTOR DRA5114E0L	
FB501	1-414-595-11	INDUCTOR, FERRITE BEAD		Q409	6-552-430-01	TRANSISTOR DRC5114E0L	
FB610	1-216-864-11	SHORT CHIP 0		Q500	6-552-410-01	TRANSISTOR DRA5114E0L	
FB611	1-500-113-22	BEAD, FERRITE (CHIP) (1608)		Q501	6-552-430-01	TRANSISTOR DRC5114E0L	
FB612	1-500-113-22	BEAD, FERRITE (CHIP) (1608)		Q682	6-551-699-01	TRANSISTOR ISA1602AM1-T111-1EF	
FB694	1-216-864-11	SHORT CHIP 0		Q683	8-729-038-37	TRANSISTOR RT1N141M-TP-1	
FB695	1-216-864-11	SHORT CHIP 0		Q710	8-729-024-43	TRANSISTOR 2SA1365-T112-1EF	
FB696	1-216-864-11	SHORT CHIP 0					
FB698	1-216-864-11	SHORT CHIP 0		Q801	6-552-444-01	TRANSISTOR DRC5144E0L	
FB717	1-216-864-11	SHORT CHIP 0		Q802	6-552-430-01	TRANSISTOR DRC5114E0L	
FB718	1-216-864-11	SHORT CHIP 0		Q803	8-729-620-13	TRANSISTOR 2SC4154TP-1EF	
FB719	1-216-864-11	SHORT CHIP 0				< RESISTOR >	
FB720	1-216-864-11	SHORT CHIP 0					
FB721	1-216-864-11	SHORT CHIP 0		R10	1-218-990-81	SHORT CHIP 0	
FB722	1-216-864-11	SHORT CHIP 0		R11	1-216-864-11	SHORT CHIP 0	
FB724	1-469-084-21	FERRITE		R12	1-216-864-11	SHORT CHIP 0	
FB750	1-216-864-11	SHORT CHIP 0		R13	1-216-821-11	METAL CHIP 1K 5% 1/10W	
FB751	1-216-864-11	SHORT CHIP 0		R19	1-216-864-11	SHORT CHIP 0	
FB760	1-216-864-11	SHORT CHIP 0		R116	1-216-295-91	SHORT CHIP 0	

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R121	1-216-797-11	METAL CHIP	10	5%	1/10W	R500	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R122	1-216-797-11	METAL CHIP	10	5%	1/10W	R501	1-218-977-11	METAL CHIP	100K	5%	1/16W
R199	1-216-864-11	SHORT CHIP	0			R502	1-216-845-11	METAL CHIP	100K	5%	1/10W
R300	1-216-296-11	SHORT CHIP	0			R506	1-218-953-11	METAL CHIP	1K	5%	1/16W
R301	1-218-941-81	METAL CHIP	100	5%	1/16W	R507	1-218-977-11	METAL CHIP	100K	5%	1/16W
R302	1-218-941-81	METAL CHIP	100	5%	1/16W	R508	1-218-941-81	METAL CHIP	100	5%	1/16W
R303	1-216-182-00	METAL CHIP	220	5%	1/8W	R509	1-216-864-11	SHORT CHIP	0		
R304	1-216-182-00	METAL CHIP	220	5%	1/8W	R510	1-218-941-81	METAL CHIP	100	5%	1/16W
R305	1-216-182-00	METAL CHIP	220	5%	1/8W	R511	1-218-941-81	METAL CHIP	100	5%	1/16W
R306	1-216-182-00	METAL CHIP	220	5%	1/8W	R513	1-218-977-11	METAL CHIP	100K	5%	1/16W
R307	1-218-943-11	METAL CHIP	150	5%	1/16W	R514	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R308	1-216-295-91	SHORT CHIP	0			R515	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R309	1-218-973-11	METAL CHIP	47K	5%	1/16W	R516	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R311	1-216-073-91	METAL CHIP	10K	5%	1/10W	R517	1-218-953-11	METAL CHIP	1K	5%	1/16W
R312	1-218-973-11	METAL CHIP	47K	5%	1/16W	R518	1-218-953-11	METAL CHIP	1K	5%	1/16W
R313	1-218-973-11	METAL CHIP	47K	5%	1/16W	R521	1-218-971-11	METAL CHIP	33K	5%	1/16W
R314	1-218-961-11	METAL CHIP	4.7K	5%	1/16W	R522	1-218-971-11	METAL CHIP	33K	5%	1/16W
R315	1-218-969-11	METAL CHIP	22K	5%	1/16W	R523	1-218-941-81	METAL CHIP	100	5%	1/16W
R316	1-218-977-11	METAL CHIP	100K	5%	1/16W	R524	1-218-941-81	METAL CHIP	100	5%	1/16W
R317	1-216-214-00	METAL CHIP	4.7K	5%	1/8W	R525	1-218-941-81	METAL CHIP	100	5%	1/16W
R318	1-216-821-11	METAL CHIP	1K	5%	1/10W	R527	1-218-977-11	METAL CHIP	100K	5%	1/16W
R320	1-218-990-81	SHORT CHIP	0			R529	1-218-949-11	METAL CHIP	470	5%	1/16W
R321	1-218-973-11	METAL CHIP	47K	5%	1/16W	R531	1-218-977-11	METAL CHIP	100K	5%	1/16W
R322	1-216-296-11	SHORT CHIP	0			R533	1-218-953-11	METAL CHIP	1K	5%	1/16W
R340	1-216-864-11	SHORT CHIP	0			R534	1-218-953-11	METAL CHIP	1K	5%	1/16W
R378	1-216-073-91	METAL CHIP	10K	5%	1/10W	R535	1-218-949-11	METAL CHIP	470	5%	1/16W
R395	1-216-296-11	SHORT CHIP	0			R536	1-218-977-11	METAL CHIP	100K	5%	1/16W
R396	1-216-296-11	SHORT CHIP	0			R538	1-218-965-11	METAL CHIP	10K	5%	1/16W
R400	1-216-295-91	SHORT CHIP	0			R539	1-218-990-81	SHORT CHIP	0		
R401	1-218-977-11	METAL CHIP	100K	5%	1/16W	R540	1-216-845-11	METAL CHIP	100K	5%	1/10W
R404	1-218-953-11	METAL CHIP	1K	5%	1/16W	R541	1-245-604-11	METAL CHIP	10M	5%	1/16W
R405	1-216-833-11	METAL CHIP	10K	5%	1/10W	R542	1-218-981-91	METAL CHIP	220K	5%	1/16W
R407	1-218-953-11	METAL CHIP	1K	5%	1/16W	R543	1-218-990-81	SHORT CHIP	0		
R409	1-216-833-11	METAL CHIP	10K	5%	1/10W	R544	1-216-857-11	METAL CHIP	1M	5%	1/10W
R410	1-218-953-11	METAL CHIP	1K	5%	1/16W	R545	1-216-845-11	METAL CHIP	100K	5%	1/10W
R411	1-216-833-11	METAL CHIP	10K	5%	1/10W	R546	1-218-977-11	METAL CHIP	100K	5%	1/16W
R412	1-218-990-81	SHORT CHIP	0			R547	1-218-941-81	METAL CHIP	100	5%	1/16W
R413	1-218-965-11	METAL CHIP	10K	5%	1/16W	R548	1-218-990-81	SHORT CHIP	0		
R414	1-216-821-11	METAL CHIP	1K	5%	1/10W	R549	1-218-990-81	SHORT CHIP	0		
R415	1-216-049-11	METAL CHIP	1K	5%	1/10W	R553	1-218-949-11	METAL CHIP	470	5%	1/16W
R416	1-216-049-11	METAL CHIP	1K	5%	1/10W	R555	1-218-990-81	SHORT CHIP	0		
R417	1-216-834-11	METAL CHIP	12K	5%	1/10W	R556	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R418	1-216-834-11	METAL CHIP	12K	5%	1/10W	R557	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R419	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R560	1-218-977-11	METAL CHIP	100K	5%	1/16W
R420	1-216-295-91	SHORT CHIP	0			R561	1-218-990-81	SHORT CHIP	0		
R421	1-218-953-11	METAL CHIP	1K	5%	1/16W	R562	1-218-990-81	SHORT CHIP	0		
R422	1-216-833-11	METAL CHIP	10K	5%	1/10W	R563	1-218-941-81	METAL CHIP	100	5%	1/16W
R423	1-218-953-11	METAL CHIP	1K	5%	1/16W	R564	1-216-809-11	METAL CHIP	100	5%	1/10W
R424	1-216-833-11	METAL CHIP	10K	5%	1/10W	R565	1-218-977-11	METAL CHIP	100K	5%	1/16W
R425	1-218-990-81	SHORT CHIP	0			R566	1-218-977-11	METAL CHIP	100K	5%	1/16W
R426	1-218-965-11	METAL CHIP	10K	5%	1/16W	R567	1-218-977-11	METAL CHIP	100K	5%	1/16W
R427	1-216-821-11	METAL CHIP	1K	5%	1/10W	R568	1-216-845-11	METAL CHIP	100K	5%	1/10W
R429	1-216-801-11	METAL CHIP	22	5%	1/10W	R569	1-218-977-11	METAL CHIP	100K	5%	1/16W
R430	1-216-864-11	SHORT CHIP	0			R570	1-218-941-81	METAL CHIP	100	5%	1/16W
R431	1-216-864-11	SHORT CHIP	0			R571	1-218-941-81	METAL CHIP	100	5%	1/16W
R432	1-216-833-11	METAL CHIP	10K	5%	1/10W	R572	1-218-941-81	METAL CHIP	100	5%	1/16W
R433	1-216-296-11	SHORT CHIP	0			R573	1-218-941-81	METAL CHIP	100	5%	1/16W
R434	1-216-296-11	SHORT CHIP	0			R574	1-218-941-81	METAL CHIP	100	5%	1/16W
R442	1-218-990-81	SHORT CHIP	0			R575	1-216-845-11	METAL CHIP	100K	5%	1/10W
R443	1-218-990-81	SHORT CHIP	0			R576	1-218-977-11	METAL CHIP	100K	5%	1/16W

CDX-GT66UPW

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R577	1-218-977-11	METAL CHIP	100K 5% 1/16W	R684	1-218-965-11	METAL CHIP	10K 5% 1/16W
R578	1-216-833-11	METAL CHIP	10K 5% 1/10W	R686	1-218-969-11	METAL CHIP	22K 5% 1/16W
R579	1-216-833-11	METAL CHIP	10K 5% 1/10W	R687	1-218-953-11	METAL CHIP	1K 5% 1/16W
R584	1-218-977-11	METAL CHIP	100K 5% 1/16W	R688	1-216-864-11	SHORT CHIP	0
R585	1-216-845-11	METAL CHIP	100K 5% 1/10W	R689	1-216-864-11	SHORT CHIP	0
R587	1-218-977-11	METAL CHIP	100K 5% 1/16W	R690	1-220-200-81	METAL CHIP	30K 5% 1/16W
R600	1-218-941-81	METAL CHIP	100 5% 1/16W	R691	1-218-971-11	METAL CHIP	33K 5% 1/16W
R601	1-218-941-81	METAL CHIP	100 5% 1/16W	R692	1-218-990-81	SHORT CHIP	0
R602	1-218-941-81	METAL CHIP	100 5% 1/16W	R693	1-218-990-81	SHORT CHIP	0
R603	1-218-941-81	METAL CHIP	100 5% 1/16W	R695	1-216-864-11	SHORT CHIP	0
R604	1-216-809-11	METAL CHIP	100 5% 1/10W	R697	1-218-990-81	SHORT CHIP	0
R605	1-218-977-11	METAL CHIP	100K 5% 1/16W	R699	1-216-864-11	SHORT CHIP	0
R606	1-218-977-11	METAL CHIP	100K 5% 1/16W	R710	1-218-953-11	METAL CHIP	1K 5% 1/16W
R607	1-218-977-11	METAL CHIP	100K 5% 1/16W	R711	1-218-929-11	METAL CHIP	10 5% 1/16W
R613	1-218-973-11	METAL CHIP	47K 5% 1/16W	R712	1-220-802-11	METAL CHIP	3.3 5% 1/16W
R614	1-218-965-11	METAL CHIP	10K 5% 1/16W	R714	1-218-990-81	SHORT CHIP	0
R615	1-218-953-11	METAL CHIP	1K 5% 1/16W	R715	1-218-990-81	SHORT CHIP	0
R616	1-218-953-11	METAL CHIP	1K 5% 1/16W	R716	1-218-990-81	SHORT CHIP	0
R617	1-218-953-11	METAL CHIP	1K 5% 1/16W	R717	1-218-947-11	METAL CHIP	330 5% 1/16W
R618	1-218-953-11	METAL CHIP	1K 5% 1/16W	R718	1-218-947-11	METAL CHIP	330 5% 1/16W
R619	1-218-953-11	METAL CHIP	1K 5% 1/16W	R719	1-218-947-11	METAL CHIP	330 5% 1/16W
R620	1-218-953-11	METAL CHIP	1K 5% 1/16W	R720	1-218-947-11	METAL CHIP	330 5% 1/16W
R621	1-218-941-81	METAL CHIP	100 5% 1/16W	R721	1-218-947-11	METAL CHIP	330 5% 1/16W
R622	1-216-833-11	METAL CHIP	10K 5% 1/10W	R722	1-218-989-11	METAL CHIP	1M 5% 1/16W
R623	1-218-990-81	SHORT CHIP	0	R723	1-218-955-11	METAL CHIP	1.5K 5% 1/16W
R625	1-216-845-11	METAL CHIP	100K 5% 1/10W	R724	1-218-958-11	METAL CHIP	2.7K 5% 1/16W
R629	1-218-941-81	METAL CHIP	100 5% 1/16W	R725	1-218-958-11	METAL CHIP	2.7K 5% 1/16W
R637	1-218-971-11	METAL CHIP	33K 5% 1/16W	R726	1-218-965-11	METAL CHIP	10K 5% 1/16W
R638	1-218-971-11	METAL CHIP	33K 5% 1/16W	R727	1-218-965-11	METAL CHIP	10K 5% 1/16W
R639	1-218-965-11	METAL CHIP	10K 5% 1/16W	R728	1-218-977-11	METAL CHIP	100K 5% 1/16W
R641	1-218-977-11	METAL CHIP	100K 5% 1/16W	R729	1-218-977-11	METAL CHIP	100K 5% 1/16W
R642	1-218-965-11	METAL CHIP	10K 5% 1/16W	R730	1-218-977-11	METAL CHIP	100K 5% 1/16W
R643	1-216-845-11	METAL CHIP	100K 5% 1/10W	R731	1-216-845-11	METAL CHIP	100K 5% 1/10W
R644	1-218-941-81	METAL CHIP	100 5% 1/16W	R732	1-218-990-81	SHORT CHIP	0
R645	1-218-941-81	METAL CHIP	100 5% 1/16W	R733	1-218-990-81	SHORT CHIP	0
R646	1-218-941-81	METAL CHIP	100 5% 1/16W	R736	1-218-977-11	METAL CHIP	100K 5% 1/16W
R647	1-218-941-81	METAL CHIP	100 5% 1/16W	R737	1-218-953-11	METAL CHIP	1K 5% 1/16W
R648	1-218-941-81	METAL CHIP	100 5% 1/16W	R738	1-218-953-11	METAL CHIP	1K 5% 1/16W
R649	1-218-941-81	METAL CHIP	100 5% 1/16W	R739	1-218-953-11	METAL CHIP	1K 5% 1/16W
R652	1-218-977-11	METAL CHIP	100K 5% 1/16W	R740	1-218-953-11	METAL CHIP	1K 5% 1/16W
R653	1-218-977-11	METAL CHIP	100K 5% 1/16W	R741	1-218-941-81	METAL CHIP	100 5% 1/16W
R654	1-218-977-11	METAL CHIP	100K 5% 1/16W	R742	1-216-841-11	METAL CHIP	47K 5% 1/10W
R655	1-216-097-11	METAL CHIP	100K 5% 1/10W	R743	1-218-967-11	METAL CHIP	15K 5% 1/16W
R656	1-218-977-11	METAL CHIP	100K 5% 1/16W	R744	1-218-983-11	METAL CHIP	330K 5% 1/16W
R657	1-218-941-81	METAL CHIP	100 5% 1/16W	R745	1-218-941-81	METAL CHIP	100 5% 1/16W
R658	1-218-990-81	SHORT CHIP	0	R746	1-218-990-81	SHORT CHIP	0
R661	1-218-941-81	METAL CHIP	100 5% 1/16W	R747	1-218-990-81	SHORT CHIP	0
R667	1-218-965-11	METAL CHIP	10K 5% 1/16W	R748	1-218-990-81	SHORT CHIP	0
R668	1-218-989-11	METAL CHIP	1M 5% 1/16W	R749	1-218-990-81	SHORT CHIP	0
R669	1-218-990-81	SHORT CHIP	0	R750	1-218-969-11	METAL CHIP	22K 5% 1/16W
R671	1-216-793-11	METAL CHIP	4.7 5% 1/10W	R751	1-218-969-11	METAL CHIP	22K 5% 1/16W
R672	1-216-793-11	METAL CHIP	4.7 5% 1/10W	R761	1-216-864-11	SHORT CHIP	0
R673	1-216-835-11	METAL CHIP	15K 5% 1/10W	R763	1-216-864-11	SHORT CHIP	0
R674	1-216-835-11	METAL CHIP	15K 5% 1/10W	R764	1-216-864-11	SHORT CHIP	0
R675	1-218-977-11	METAL CHIP	100K 5% 1/16W	R765	1-216-864-11	SHORT CHIP	0
R676	1-218-977-11	METAL CHIP	100K 5% 1/16W	R766	1-216-864-11	SHORT CHIP	0
R680	1-218-953-11	METAL CHIP	1K 5% 1/16W	R814	1-218-981-91	METAL CHIP	220K 5% 1/16W
R681	1-216-845-11	METAL CHIP	100K 5% 1/10W	R818	1-218-981-91	METAL CHIP	220K 5% 1/16W
R682	1-216-809-11	METAL CHIP	100 5% 1/10W	R819	1-218-953-11	METAL CHIP	1K 5% 1/16W
R683	1-218-965-11	METAL CHIP	10K 5% 1/16W	R820	1-218-953-11	METAL CHIP	1K 5% 1/16W

Ref. No.	Part No.	Description	Quantity	Remark
R864	1-216-864-11	SHORT CHIP	0	
R865	1-216-864-11	SHORT CHIP	0	
R899	1-216-296-11	SHORT CHIP	0	
R1300	1-216-817-11	METAL CHIP	470	5% 1/10W
R1301	1-216-809-11	METAL CHIP	100	5% 1/10W
R1302	1-218-977-11	METAL CHIP	100K	5% 1/16W
R1305	1-208-709-11	METAL CHIP	12K	0.5% 1/16W
R1306	1-208-715-11	METAL CHIP	22K	0.5% 1/16W
R1307	1-208-933-11	METAL CHIP	82K	0.5% 1/16W
R1308	1-208-933-11	METAL CHIP	82K	0.5% 1/16W
R1310	1-218-953-11	METAL CHIP	1K	5% 1/16W
R1311	1-218-885-11	METAL CHIP	39K	0.5% 1/10W
R1312	1-218-871-11	METAL CHIP	10K	0.5% 1/10W
R1313	1-216-849-11	METAL CHIP	220K	5% 1/10W
R1315	1-218-953-11	METAL CHIP	1K	5% 1/16W
S501	1-786-458-11	SWITCH, PUSH (1 KEY) (NOSE DETECT)		
X501	1-814-548-11	VIBRATOR, CERAMIC (7.92 MHz)		
X502	1-813-202-11	VIBRATOR, CRYSTAL (32.768 kHz)		
X601	1-814-304-11	VIBRATOR, CRYSTAL (12 MHz)		
X701	1-795-561-21	VIBRATOR, CERAMIC (16.934 MHz)		

SENSOR BOARD

When SENSOR board is defective, exchange the MECHANICAL BLOCK (11CA) ASSY.

A-1866-089-A SERVO BOARD, COMPLETE

When SERVO board is defective, exchange the complete mounted board.

SUB BOARD

< CONNECTOR >

CN201 1-818-142-11 SOCKET, CONNECTOR 20P

< LED >

LED201 6-502-193-11 LED SML-D12V8WT86TN (▲)

< RESISTOR >

R205 1-216-825-11 METAL CHIP 2.2K 5% 1/10W

< SWITCH >

S201 1-786-653-21 SWITCH, TACTILE (▲)

MISCELLANEOUS

CCB1 1-780-563-11 CONDUCTIVE BOARD, CONNECTION

CCB2 1-780-563-11 CONDUCTIVE BOARD, CONNECTION

CDM1 A-1866-801-A MECHANICAL BLOCK (11CA) ASSY

CN971 1-842-336-11 USB CONNECTOR (▽)

△ DAX1 A-1284-705-A DAXEV08

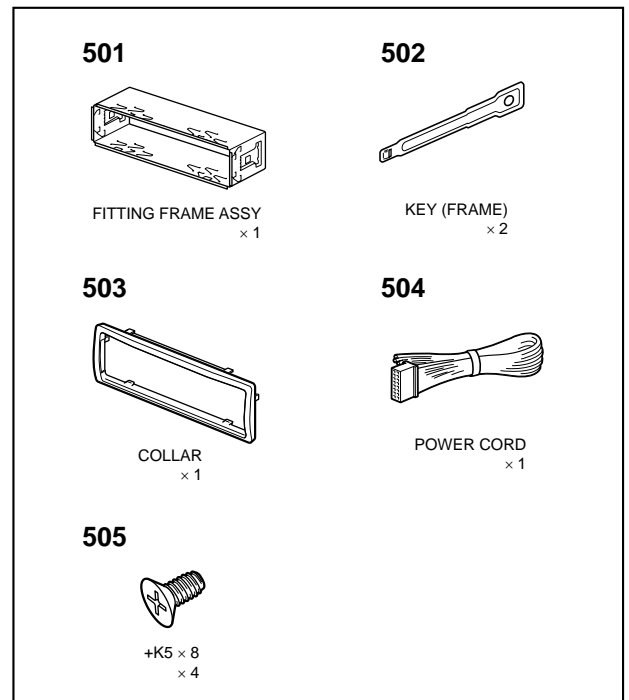
Ref. No.	Part No.	Description	Remark
FFC1	1-834-627-11	CABLE, FLEXIBLE FLAT (23 CORE)	
FP1	A-1885-300-A	PANEL COMPLETE ASSY, FRONT	
FU301	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) (10 A/32 V)	
J901	1-842-936-12	JACK (SMALL TYPE) (DIA. 3.5) (AUX)	
LCD901	1-811-223-11	DISPLAY PANEL, LIQUID CRYSTAL	
△ OP1	X-2149-672-1	OPTICAL PICK-UP (DAX-25A) (for SERVICE)	
PW1	1-839-374-11	CONNECTION CORD FOR AUTOMOBILE	(POWER)
RE901	1-487-023-22	ROTARY ENCODER	(PUSH ENTER/SELECT (VOLUME))

ACCESSORIES

1-489-810-21 REMOTE COMMANDER (RM-X211)
4-430-832-11 MANUAL, INSTRUCTION (ENGLISH, SPANISH)
4-430-833-11 MANUAL, INSTRUCTION INSTALL
(ENGLISH, SPANISH)

PARTS FOR INSTALLATION AND CONNECTIONS

501	X-2548-178-1	FRAME ASSY, FITTING	
502	4-276-003-01	KEY (FRAME) (1 piece)	
503	4-168-810-02	COLLAR	
504	1-839-374-11	CONNECTION CORD FOR AUTOMOBILE	(POWER)
505	3-934-325-01	SCREW, +K (5X8) TAPPING (1 piece)	



Note: Refer to the servicing notes "NOTE FOR REPLACEMENT OF THE USB CONNECTOR (CN971) AND THE AUX JACK (J901)" (See page 4), if replacing the Ref. No. CN971 and the Ref. No. J901.

