

# CDX-CA600/CA600X

## SERVICE MANUAL

Ver 1.0 2001. 12

AEP Model

UK Model

CDX-CA600/CA600X

E Model

CDX-CA600X



Photo: CDX-CA600X

- The tuner and CD sections have no adjustments.

Model Name Using Similar Mechanism	CDX-L300/L460X
CD Drive Mechanism Type	MG-393XA-121//K
Optical Pick-up Name	KSS-720A

### SPECIFICATIONS

#### CD player section

Signal-to-noise ratio 90 dB  
Frequency response 10 – 20,000 Hz  
Wow and flutter Below measurable limit

#### Tuner section

##### FM

Tuning range 87.5 – 108.0 MHz  
Aerial terminal External aerial connector  
Intermediate frequency 10.7 MHz/450 kHz  
Usable sensitivity 8 dBf  
Selectivity 75 dB at 400 kHz  
Signal-to-noise ratio 66 dB (stereo),  
72 dB (mono)  
Harmonic distortion at 1 kHz  
0.6% (stereo),  
0.3% (mono)  
Separation 35 dB at 1 kHz  
Frequency response 30 – 15,000 Hz

##### MW/LW

Tuning range MW : 531 – 1,602 kHz  
LW : 153 – 279 kHz  
Aerial terminal External aerial connector  
Intermediate frequency 10.7 MHz/450 kHz  
Sensitivity MW : 30  $\mu$ V  
LW : 40  $\mu$ V

#### Power amplifier section

Outputs Speaker outputs  
(sure seal connectors)  
Speaker impedance 4 – 8 ohms  
Maximum power output 50 W  $\times$  4 (at 4 ohms)

#### General

Outputs Power aerial relay control lead  
Input Telephone ATT control lead  
Tone controls Bass  $\pm$ 9 dB at 100 Hz  
Treble  $\pm$ 9 dB at 10 kHz  
Power requirements 12 V DC car battery  
(negative earth)  
Dimensions Approx. 178  $\times$  50  $\times$  177 mm  
(w/h/d)  
Mounting dimensions Approx. 182  $\times$  53  $\times$  161 mm  
(w/h/d)  
Mass Approx. 1.2 kg  
Supplied accessories Parts for installation and connections (1 set)  
Front panel case (1)  
Card remote commander RM-X115 (E model)

#### Note

This unit cannot be connected to a digital preamplifier or an equalizer.

*Design and specifications are subject to change without notice.*

## FM/MW/LW COMPACT DISC PLAYER

9-873-434-01  
2001L0400-1  
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e Vehicle Company  
Published by Sony Engineering Corporation

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**SERVICE NOTES**

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

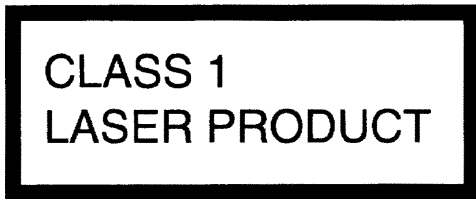
The laser diode in the optical pick-up block may suffer electrostatic breakdown because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body. During repair, pay attention to electrostatic breakdown and also use the procedure in the printed matter which is included in the repair parts. The flexible board is easily damaged and should be handled with care.

**NOTES ON LASER DIODE EMISSION CHECK**

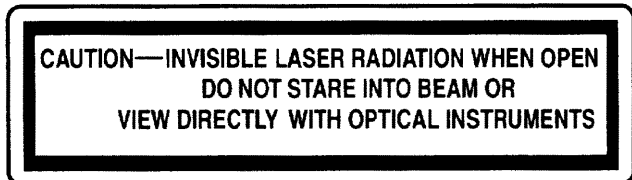
The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

**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.
- CDX-CA600/CA600X: AEP, UK model



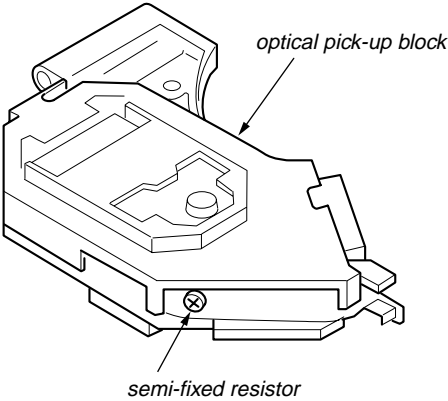
This label is located on the bottom of the chassis.



This label is located on the drive unit's internal chassis.

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

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.



**TEST DISCS**

This set can playback CD-R and CD-ROM discs. The following test discs should be used to check the capability:

- CD-R test disc TCD-R082LMT (Part No. J-2501-063-1)
- CD-RW test disc TCD-W082L (Part No. J-2501-063-2)

**NOTES ON CD-R/CD-RW DISCS**

- You can play CD-Rs (recordable CDs)/CD-RWs (rewritable CDs) designed for audio use on this unit. Look for these marks to distinguish CD-Rs/CD-RWs for audio use.



These marks denote that a disc is not for audio use.



- Some CD-Rs/CD-RWs (depending on the equipment used for its recording or the condition of the disc) may not play on this unit.
- You cannot play a CD-R/CD-RW that is not finalized\*.

\* A process necessary for a recorded CD-R/CD-RW disc to be played on the audio CD player.

**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.

**TABLE OF CONTENTS**

**1. GENERAL**

Location of controls  
(CDX-CA600/CA600X: AEP, UK model) ..... 4  
 Location of controls (CDX-CA600X: E model) ..... 4  
 Connections (CDX-CA600/CA600X: AEP, UK model) ..... 5  
 Connections (CDX-CA600X: E model) ..... 6

**2. DISASSEMBLY**

2-1. Panel (1) Assy, Sub ..... 7  
 2-2. CD Mechanism Block ..... 8  
 2-3. Main Board ..... 8  
 2-4. Heat Sink ..... 9  
 2-5. Chassis (T) Sub Assy ..... 9  
 2-6. Lever Section ..... 10  
 2-7. Servo Board ..... 10  
 2-8. Shaft Roller Assy ..... 11  
 2-9. Floating Block Assy ..... 11  
 2-10. Optical Pick-up Block ..... 12

**3. DIAGRAMS**

3-1. IC Pin Description ..... 13  
 3-2. Block Diagram –CD Section– ..... 15  
 3-3. Block Diagram –Tuner Section– ..... 16  
 3-4. Block Diagram –Display Section– ..... 17  
 3-5. Circuit Boards Location ..... 17  
 3-6. Printed Wiring Boards –CD Mechanism Section– ..... 18  
 3-7. Schematic Diagram –CD Mechanism Section– ..... 20  
 3-8. Printed Wiring Board –Main Section– ..... 21  
 3-9. Schematic Diagram –Main Section (1/2)– ..... 22  
 3-10. Schematic Diagram –Main Section (2/2)– ..... 23  
 3-11. Printed Wiring Board –Display Section– ..... 24  
 3-12. Schematic Diagram –Display Section– ..... 25

**4. EXPLODED VIEWS**

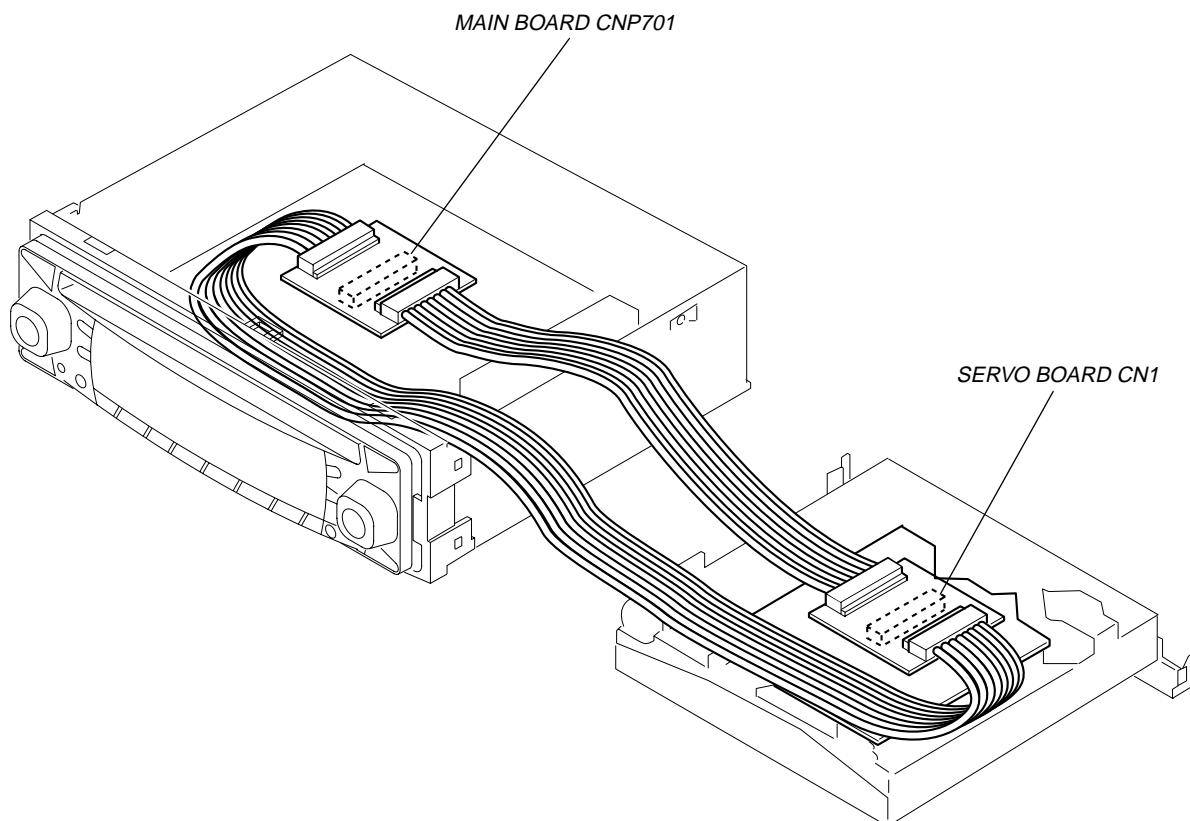
4-1. Chassis Section ..... 28  
 4-2. Front panel Section ..... 29  
 4-3. CD Mechanism Section (1) ..... 30  
 4-4. CD Mechanism Section (2) ..... 31  
 4-5. CD Mechanism Section (3) ..... 32

**5. ELECTRICAL PARTS LIST ..... 33**

**EXTENSION CABLE AND SERVICE POSITION**

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

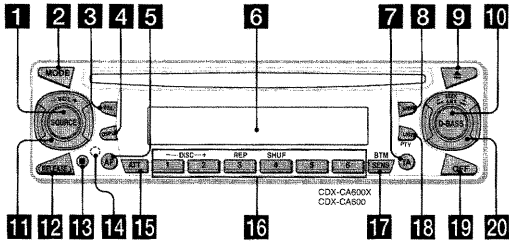
- Connect the MAIN board (CNP701) and the SERVO board (CN1) with the extension cable (Part No. J-2502-062-1).



This section is extracted from instruction manual.

(CDX-CA600/CA600X: AEP, UK model)

Location of controls

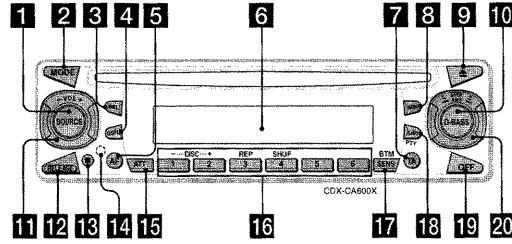


Refer to the pages listed for details.

- 1 SOURCE (Power on/Radio/CD/MD) button 9, 10, 12, 13, 16
  - 2 MODE button 10, 12, 13, 16
  - 3 SEL (select) button 9, 10, 11, 12, 18, 20, 21
  - 4 DSPL (display mode change) button 9, 10, 12, 14
  - 5 AF button 15, 16
  - 6 Display window
  - 7 TA button 16
  - 8 MBP (My Best sound Position) button 21
  - 9  $\Delta$  (eject) button 9
  - 10 D-BASS button 21
  - 11 VOL (volume)  $-/+$  control dial 9, 11, 12, 16, 20
  - 12 RELEASE (front panel release) button 8
  - 13 Receptor for the card remote commander
  - 14 RESET button (located on the front side of the unit, behind the front panel) 7
  - 15 ATT (attenuate) button 20
  - 16 Number buttons 10, 13, 15, 16, 18, 20
  - 17 ① DISC - 10  
② DISC + 10  
③ REP 11  
④ SHUF 11
  - 18 SENS/BTM button 13, 14, 16
  - 19 LIST/PTY (programme type) button 11, 12, 17
  - 20 OFF button\* 8, 9
  - 21 SEEK/AMS  $-/+$  control dial 9, 12, 13, 14, 15, 17
- \* Warning when installing in a car without an ACC (accessory) position on the ignition key switch  
Be sure to press **OFF** on the unit for 2 seconds to turn off the clock display after turning off the engine.  
Otherwise, the clock display does not turn off and this causes battery drain.

(CDX-CA600X: E model)

Location of controls

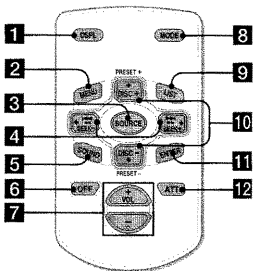


Refer to the pages listed for details.

- 1 SOURCE (Power on/Radio/CD/MD) button 9, 10, 12, 13, 16
  - 2 MODE button 10, 12, 13, 16
  - 3 SEL (select) button 9, 10, 11, 12, 18, 20, 21
  - 4 DSPL (display mode change) button 9, 10, 12, 14
  - 5 AF button 15, 16
  - 6 Display window
  - 7 TA button 16
  - 8 MBP (My Best sound Position) button 21
  - 9  $\Delta$  (eject) button 9
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  - 11 VOL (volume)  $-/+$  control dial 9, 11, 12, 16, 20
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  - 17 ① DISC - 10  
② DISC + 10  
③ REP 11  
④ SHUF 11
  - 18 SENS/BTM button 13, 14, 16
  - 19 LIST/PTY (programme type) button 11, 12, 17
  - 20 OFF button\* 8, 9
  - 21 SEEK/AMS  $-/+$  control dial 9, 12, 13, 14, 15, 17
- \* Warning when installing in a car without an ACC (accessory) position on the ignition key switch  
Be sure to press **OFF** on the unit for 2 seconds to turn off the clock display after turning off the engine.  
Otherwise, the clock display does not turn off and this causes battery drain.

(CDX-CA600/CA600X: AEP, UK model)

Card remote commander RM-X114 (optional)



The corresponding buttons of the card remote commander control the same functions as those on this unit.

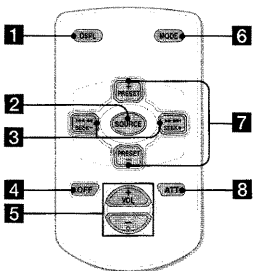
- 1 DSPL button
  - 2 MENU button\*
  - 3 SOURCE button
  - 4 SEEK ( $\leftarrow/\rightarrow$ ) buttons
  - 5 SOUND button (used as **SEL** button for this unit)
  - 6 OFF button
  - 7 VOL ( $-/+$ ) buttons
  - 8 MODE button
  - 9 LIST button
  - 10 DISC/PRESET ( $\uparrow/\downarrow$ ) buttons
  - 11 ENTER button\*
  - 12 ATT button
- \* Not available for this model

Note  
If the unit is turned off by pressing **OFF** for 2 seconds, it cannot be operated with the card remote commander unless **SOURCE** on the unit is pressed, or a disc is inserted to activate the unit first.

Tip  
Refer to "Replacing the lithium battery" for details on how to replace the batteries (page 23).

(CDX-CA600X: E model)

Card remote commander RM-X115



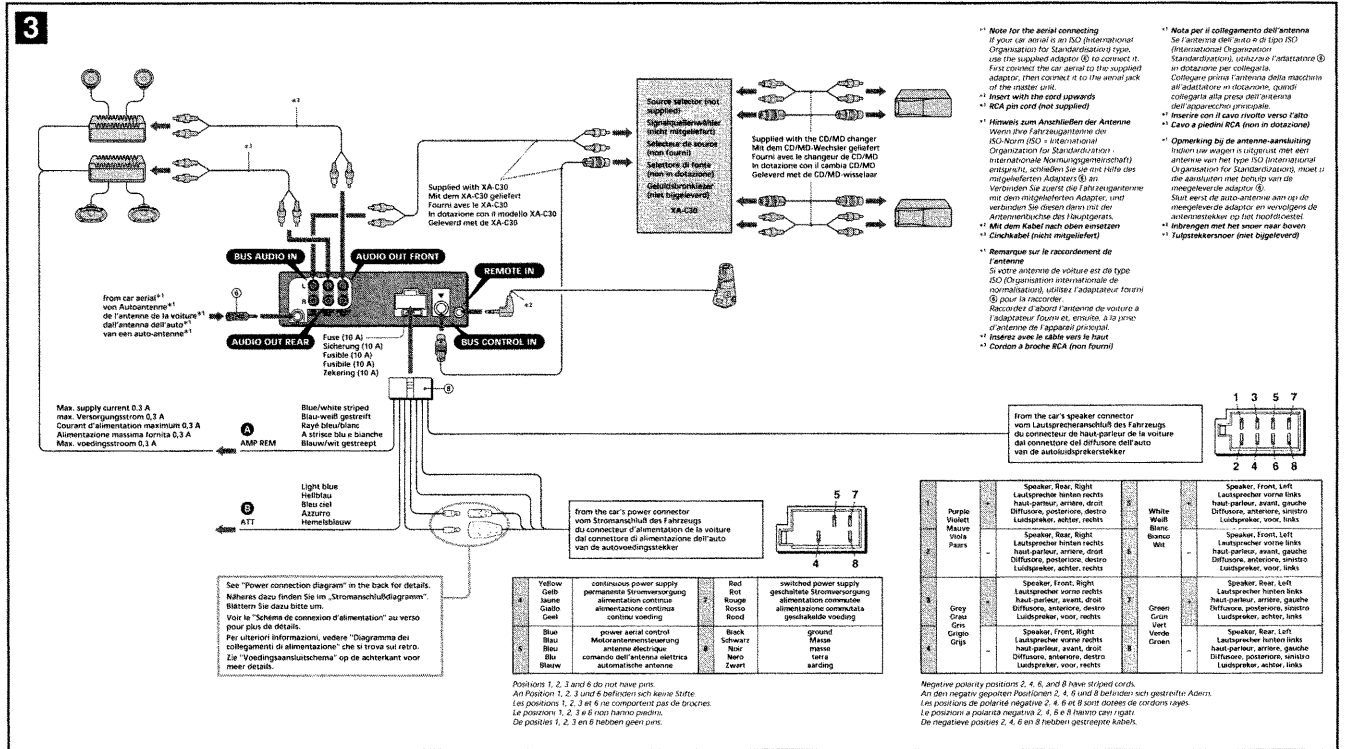
The corresponding buttons of the card remote commander control the same functions as those on this unit.

- 1 DSPL button
- 2 SOURCE button
- 3 SEEK ( $-/+$ ) buttons
- 4 OFF button
- 5 VOL ( $-/+$ ) buttons
- 6 MODE button
- 7 DISC/PRESET ( $-/+$ ) buttons
- 8 ATT button

Note  
If the unit is turned off by pressing **OFF** for 2 seconds, it cannot be operated with the card remote commander unless **SOURCE** on the unit is pressed, or a disc is inserted to activate the unit first.

Tip  
Refer to "Replacing the lithium battery" for details on how to replace the batteries (page 23).

Connections (CDX-CA600/CA600X: AEP, UK model)



Connection diagram (3)

**1** To AMP REMOTE IN of an optional power amplifier. This connection is only for amplifiers. Connecting any other system may damage the unit.  
**2** To the interface cable of a car telephone.  
**Warning**  
 If you have a power aerial without a relay box, connecting this unit with the supplied power connecting cord (3) may damage the aerial.  
**Notes on the control leads:**  
 • The power aerial control lead (blue) supplies +12 V DC when you turn on the tuner or when you activate the AF (Alternative Frequency) (TA (Traffic Announcement) function).  
 • When your car has built-in FM/AM/WAV aerial in the rear side glass, connect the power aerial control lead to the accessory power input lead (red) to the power terminal of the existing aerial booster. For details, consult your dealer.  
 • A power aerial without a relay box cannot be used with this unit.  
**Memory hold connection**  
 When the yellow power input 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 4 to 8 ohms, 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 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 wires 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 cords to each other.

Anschlußdiagramm (3)

**1** An AMP REMOTE IN of the gesondert erhältlichen Endverstärkers. Dieser Anschluß ist ausschließlich für Verstärker gedacht. Schließen Sie nichts anderes daran. Andernfalls kann das Gerät beschädigt werden.  
**2** An Schnittstellenkabel eines Autotelefon.  
**Warnung**  
 Wenn Sie eine Motorantenne ohne Relaiskästchen verwenden, kann durch Anschließen dieses Geräts auf dem mitgelieferten Stromversorgungs-kabel (3) die Antenne beschädigt werden.  
**Hinweise zu Steuerleitungen**  
 Die Motorantenne-Steuerleitung (blau) liefert + 12 V Gleichstrom, wenn Sie den Tuner einschalten oder die AF (Alternativfrequenzkanal) Funktion aktivieren.  
 Wenn das Fahrzeug mit einer in der Heck-/Seitenfensterscheibe integrierten FM (Frequenzmodulation) oder AM (Amplitudenmodulation) Antenne ausgestattet ist, schließen Sie die Motorantenne-Steuerleitung (blau) oder die Substromversorgungsleitung (rot) an den Stromversorgungsanschluß des vorhandenen Antennenverstärkers an. Alternativ dazu können Sie die vom Hersteller, die für eine Motorantenne ohne Relaiskästchen angeschlossene Stromversorgungsleitung verwenden.  
**Stromversorgung des Speichers**  
 Wenn die gelbe Stromversorgungsleitung angeschlossen ist, wird der Speicher stets auch bei ausgeschalteter Zündung mit Strom versorgt.  
**Hinweise zum Lautsprecheranschluß**  
 • Schließen Sie das Gerät aus, bevor Sie die Lautsprecher anschließen.  
 • Verwenden Sie Lautsprecher mit einer Impedanz zwischen 4 und 8 Ohm und ausreichender Belastbarkeit. Anschließen können die Lautsprecher beschädigt werden.  
 • Verbinden Sie die Lautsprecheranschlüsse nicht mit dem Wagenchassis, und verbinden Sie auch nicht die Anschlüsse des rechten mit denen des linken Lautspeakers.  
 • Verbinden Sie die Masseleitung dieses Geräts nicht mit dem negativen (-) Lautsprecheranschluß.  
 • Versuchen Sie nicht, Lautsprecher parallel anzuschließen.  
 • An die Lautsprecheranschlüsse dieses Geräts dürfen nur Passivlautsprecher angeschlossen werden. Schreiben Sie keine Aktivlautsprecher (Lautsprecher mit eingebauten Verstärkern) an, da diese sonst beschädigt werden können.  
 • Um Fehlfunktionen zu vermeiden, verwenden Sie nicht die im Fahrzeug installierten, integrierten Lautsprecherleitungen, wenn am Ende eine gemeinsame negative (-) Leitung für die rechten und die linken Lautsprecher vorhanden sind.  
 • Verbinden Sie nicht die Lautsprecherkabel des Geräts miteinander.

Schéma de connexion (3)

**1** Au niveau du AMP REMOTE IN d'un amplificateur de puissance facultatif. Ce raccordement est réservé pour les amplificateurs. Le raccordement à tout autre système peut endommager l'appareil.  
**2** Vers le cordon de liaison d'un téléphone de voiture.  
**Avertissement**  
 Si vous disposez d'une antenne électrique sans boîte de relais, le branchement de cet appareil au moyen du cordon d'alimentation fourni (3) risque d'endommager l'antenne.  
**Remarques sur les fils de commande**  
 • Le fil de commande (bleu) fournit du courant continu de +12 V lorsque vous allumez le sélecteur de canal ou lorsque vous activez la fonction TA (annonces sur trafic) en AF (fréquence alternative).  
 • Lorsque votre voiture est équipée d'une antenne FM/AM/W intégrée dans la vitre arrière/côté, raccordez le fil de commande de l'antenne (bleu) ou l'entrée d'alimentation des accessoires (rouge) au borne de l'amplificateur d'antenne existant. Pour plus de détails, consultez votre revendeur.  
 • Une antenne électrique sans boîte de relais ne peut pas être utilisée avec cet appareil.  
**Connexion pour la conservation de la mémoire**  
 Lorsque le câble d'alimentation jaune est connecté, le circuit de la mémoire est alimenté en permanence même si la clé de contact est en position d'arrêt.  
**Remarques sur la connexion des haut-parleurs**  
 • Avant de raccorder les haut-parleurs, mettez l'appareil hors tension.  
 • Utilisez des haut-parleurs ayant une impédance de 4 à 8 ohms et une capacité adéquate pour éviter de l'endommager.  
 • Ne pas raccorder les bornes du système de haut-parleurs au châssis de la voiture et ne pas connecter les bornes du haut-parleur droit à celles du haut-parleur gauche.  
 • Ne pas raccorder le câble de masse de cet appareil à la borne négative (-) du haut-parleur.  
 • Ne pas tenter de raccorder les haut-parleurs en parallèle.  
 • Ne pas connecter d'enceintes acoustiques actives (avec amplificateur intégré) aux bornes d'entrée de cet appareil, pour éviter d'endommager les enceintes. Veillez à raccorder des enceintes passives.  
 • Pour éviter tout dysfonctionnement, n'utilisez pas les fils des haut-parleurs intégrés installés dans votre voiture si l'appareil dispose d'un fil négatif commun (-) pour les haut-parleurs droit et gauche.  
 • Ne raccordez pas votre unité les conducteurs des haut-parleurs de l'appareil.

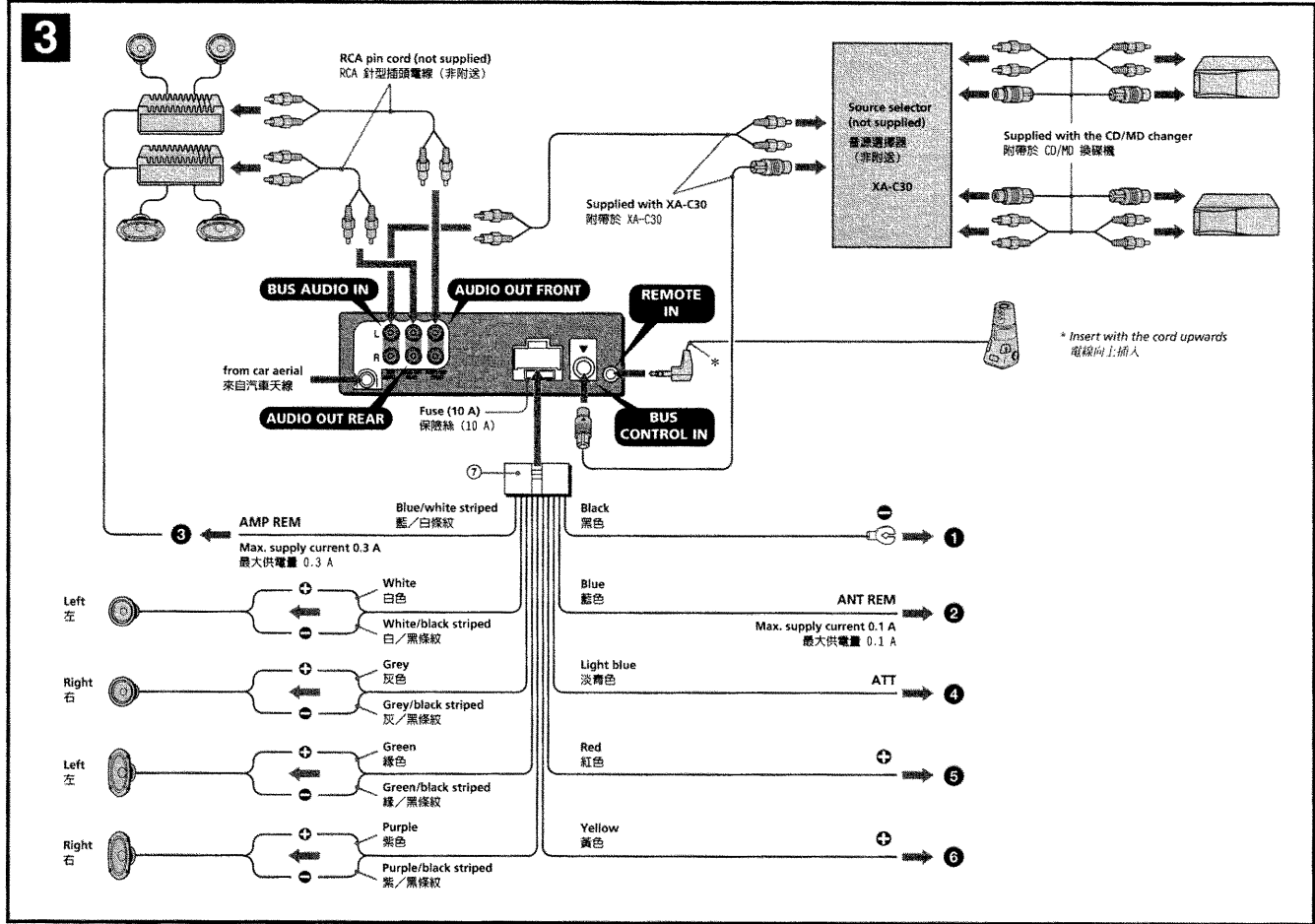
Schema di collegamento (3)

**1** A AMP REMOTE IN di un amplificatore di potenza opzionale. Questo collegamento è riservato esclusivamente agli amplificatori. Non collegare un tipo di sistema diverso onde evitare di causare danni all'apparecchio.  
**2** Al cavo interfaccia di un telefono per auto.  
**Avvertenza**  
 Quando si collega l'apparecchio con il cavo di alimentazione in dotazione (3), si potrebbe danneggiare l'antenna elettrica se questa non ha la scatola di reità.  
**Note sui fili di controllo**  
 • Il filo (blau) di controllo dell'antenna elettrica fornisce alimentazione pari a +12 V DC quando si attiva il sintonizzatore o la funzione TA (annuncio sul traffico) in AF (frequenza alternativa).  
 • Se l'automobile è dotata di antenna FM/AM/W incorporata nel vetro posteriore/costato, collegare il cavo (blau) di controllo dell'antenna elettrica a il cavo (rosso) di ingresso dell'alimentazione opzionale al terminale di alimentazione del preamplificatore dell'antenna esistente. Per ulteriori informazioni, consultare il proprio fornitore.  
 • Non è possibile usare un'antenna elettrica senza scatola di reità con questo apparecchio.  
**Collegamento per la conservazione della memoria**  
 Quando il cavo di ingresso alimentazione giallo è collegato, viene sempre fornita alimentazione al circuito di memoria anche quando l'interruttore di accensione è spento.  
**Note sul collegamento dei diffusori**  
 • Prima di collegare i diffusori spegnere l'apparecchio.  
 • Usare diffusori di impedenza compresa tra 4 e 8 Ohm ed con capacità di potenza adeguata, onde evitare che vengano danneggiati.  
 • Non collegare i terminali del sistema diffusori al telaio dell'auto o non collegare i terminali dei diffusori destro a quelli del diffusore sinistro.  
 • Non collegare il cavo di terra di questo apparecchio al terminale negativo (-) del diffusore.  
 • Non collegare i diffusori in parallelo.  
 • Assicurarsi di collegare soltanto diffusori passivi, poiché il collegamento di diffusori attivi (dotati di amplificatori incorporati) ai terminali dei diffusori potrebbe danneggiare l'apparecchio.  
 • Per evitare problemi di funzionamento, non utilizzare il cavo dei diffusori incorporati installati nell'automobile se l'apparecchio condivide un cavo comune negativo (-) per i diffusori destro e sinistro.  
 • Non collegare fra loro i cavi dei diffusori dell'apparecchio.

Aansluitschema (3)

**1** Naar AMP REMOTE IN van een optioneel vermogensterker. Deze aansluiting is alleen bestemd voor versterkers. Door een ander systeem aan te sluiten kan het toestel worden beschadigd.  
**2** Naar het interface-snoer van een auto-telefoon.  
**Opgelet**  
 Indien u een elektrische antenne heeft zonder relaiskast, kan het aansluiten van deze eenheid met het bijgeleverde netkoort (3) de antenne beschadigen.  
**Opmerkingen betreffende de aansluitingen**  
 • De antennebestuurkabel (blauw) levert +12 V gelijkstroom wanneer u de tuner aankeert of de AF (Alternatieve Frequentie), TA (Verkeersberichten) functie activeert.  
 • Wanneer uw auto is uitgerust met een FM/AM/W-antenne in de achter-/zijkant, moet u de antennebestuurkabel (blauw) of de subvoedingssnoer (rood) aansluiten op de voeding van de bestaande antenneversterker. Raadpleeg uw dealer voor meer details.  
 • Met dit apparaat is het niet mogelijk een automatische antenne zonder relaiskast te gebruiken.  
**Inhoud van het geheugen**  
 Zolang de gele stroomvoering is aangesloten, blijft de stroomvoeding van het geheugen intact, ook wanneer het contact van de auto wordt uitgeschakeld.  
**Opmerkingen betreffende het aansluiten van de luidsprekers**  
 • Zorg dat het apparaat is uitgeschakeld, alvorens de luidsprekers aan te sluiten.  
 • Gebruik luidsprekers met een impedantie van 4 tot 8 Ohm en let op de het vermogen van de versterker kunnen verstoort. Als die wordt verstoort, kunnen de luidsprekers ernstig beschadigd raken.  
 • Verbind in geen geval de aansluitingen van de luidsprekers met het chassis van de auto of sluit de aansluitingen van de rechter en linker luidspreker niet op elkaar aan.  
 • Verbind de massa-lijn van dit toestel niet met de negatieve (-) aansluiting van de luidspreker.  
 • Probeer niet de luidsprekers parallel aan te sluiten.  
 • Sluit geen actieve luidsprekers (met ingebouwde versterkers) aan op de luidspreker-aansluiting van dit apparaat. Dit zou leiden tot beschadiging van de actieve luidsprekers. Sluit dus altijd uitsluitend luidsprekers zonder ingebouwde versterker aan.  
 • Om defecties te vermijden, mag u de bestaande luidsprekerbedrading in uw auto niet gebruiken wanneer er een gemeenschappelijke negatieve (-) draad is voor de rechter en linker luidsprekers.  
 • Verbind de luidsprekerdraden niet met elkaar.

Connections (CDX-CA600X: E model)



Connection diagram (3)

- To a metal surface of the car  
First connect the black earth lead, then connect the yellow and red power input leads.
- To the power aerial control lead or power supply lead of aerial booster amplifier  
Notes  
• It is not necessary to connect this lead if there is no power aerial or aerial booster, or with a manually-operated telescopic aerial.  
• When your car has a built-in FM/MW/LW 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. Connecting any other system may damage the unit.
- To the interface cable of a car telephone
- To the +12 V power terminal which is energized in the accessory position of the ignition key switch  
Notes  
• If there is no accessory position, connect to the +12 V power (battery) terminal which is energised at all times.  
Be sure to connect the black earth lead to it first.  
• When your car has a built-in FM/MW/LW aerial in the rear/side glass, see "Notes on the control and power supply leads."
- To the +12 V power terminal which is energised at all times  
Be sure to connect the black earth lead to it first.

Notes on the control and power supply leads

- The power aerial control lead (blue) supplies +12 V DC when you turn on the tuner or when you activate the AF (Alternative Frequency), TA (Traffic Announcement) function.
- When your car has built-in FM/MW/LW aerial in the rear/side glass, connect the power aerial control lead (blue) or the accessory power input lead (red) to the power terminal of the existing aerial booster. For details, consult your dealer.
- A power aerial without relay box cannot be used with this unit.

Memory hold connection

When the yellow power input lead is connected, power will always be supplied to the memory circuit even when the ignition key is turned off.

Notes on speaker connection

- Before connecting the speakers, turn the unit off.
- Use speakers with an impedance of 4 to 8 ohms, 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 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 wires 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 cords to each other.

線路連接圖 (3)

- 至汽車的金屬部位  
首先連接黑色接地導線，然後再連接黃色和紅色電源輸入導線。
- 至電動天線控制導線或天線升壓放大器的電源導線  
註  
• 如無電動天線，天線增壓器，或用手操作的套管式天線，便不須連接此導線。  
• 您的汽車的後/側玻璃窗中如果內裝有 FM/MW/LW 天線，即請參看“控制和電源線須知”。
- 至選購的功率放大器的 AMP REMOTE IN (放大器遙控輸入)  
本連接僅用於放大器。連接任何其它系統可能會損壞本機。
- 至汽車電話的接口電纜
- 至在點火鑰匙的輔助位置上通電的 +12 V 電源端子  
註  
• 若沒有輔助位置，則請連接至常時通電的 +12 V 電源 (電池) 端子。  
務請首先將黑色接地導線與其連接。  
• 您的汽車的後/側玻璃窗中如果內裝有 FM/MW/LW 天線，即請參看“控制和電源線須知”。
- 至隨時通電的 +12 V 電源端子  
務請首先將黑色接地導線與其連接。

控制和電源線須知

- 當您打開調諧器或啟動 AF (變換頻率) 或 TA (交通公告) 功能時，電源天線控制導線 (藍色) 提供 +12 V 直流電。
- 若您的汽車後/側玻璃窗上有內置 FM/MW/LW 天線，須將電動天線控制導線 (藍色) 或輔助電源輸入導線 (紅色) 連接到目前天線放大器上的電源端子上。詳細內容請向銷售商諮詢。
- 本機不能使用不具備繼電箱的電動天線。

保持配體的線路連接法

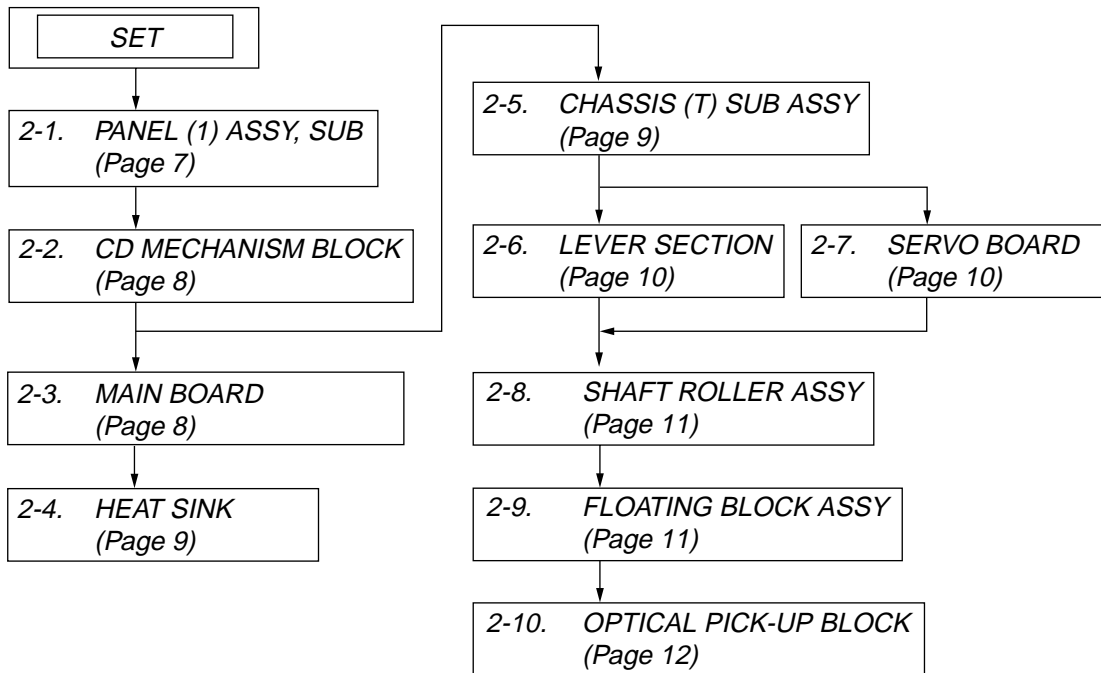
當連接好黃色電源輸入導線時，即使汽車發動機點火鑰匙被轉在電源切斷之處，電源仍繼續將電流供給記憶用電路，以保持所記憶的數據。

連接揚聲器時的注意事項

- 連接揚聲器電線以前，請先切斷本機電源。
- 使用阻抗為 4-8Ω 且具有充分功率處理容量的揚聲器，以免損壞揚聲器。
- 不要將揚聲器端子連接到汽車底盤上或將右揚聲器端子與左揚聲器端子相連接。
- 切勿將本機的接地導線連接到揚聲器的負 (-) 接線柱，以免損壞揚聲器。
- 揚聲器不可以並聯連接。
- 請備接無源揚聲器。若將有源揚聲器 (帶內置放大器) 連接到揚聲器端子上會損壞本機。
- 若本裝置使用左、右揚聲器的共用 (-) 極導線，為了避免故障，切勿使用已安裝在汽車內的內置揚聲器導線。
- 請勿將本裝置揚聲器導線相互連接。

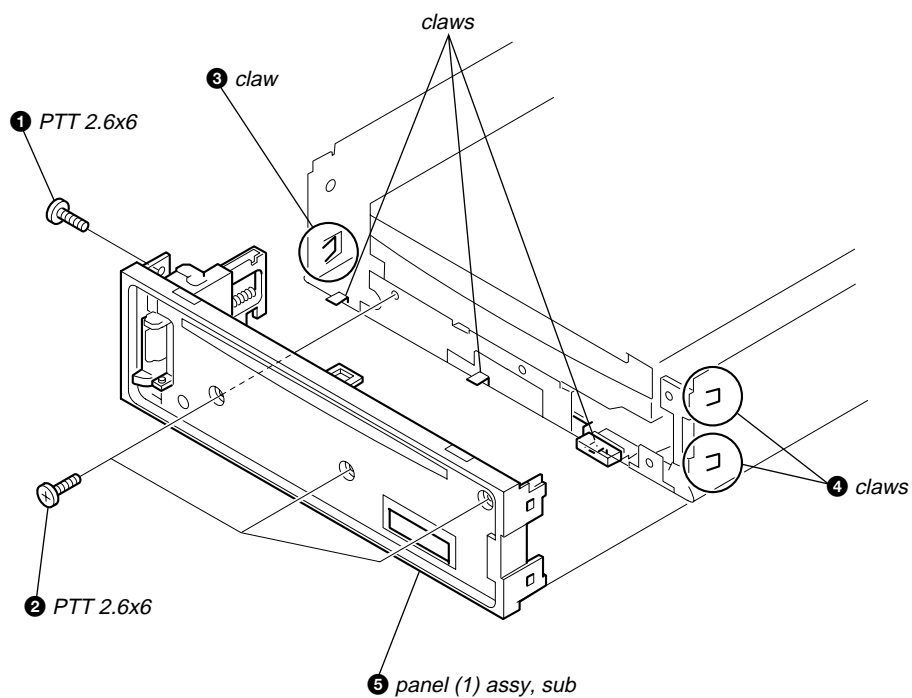
## SECTION 2 DISASSEMBLY

**Note :** This set can be disassemble according to the following sequence.

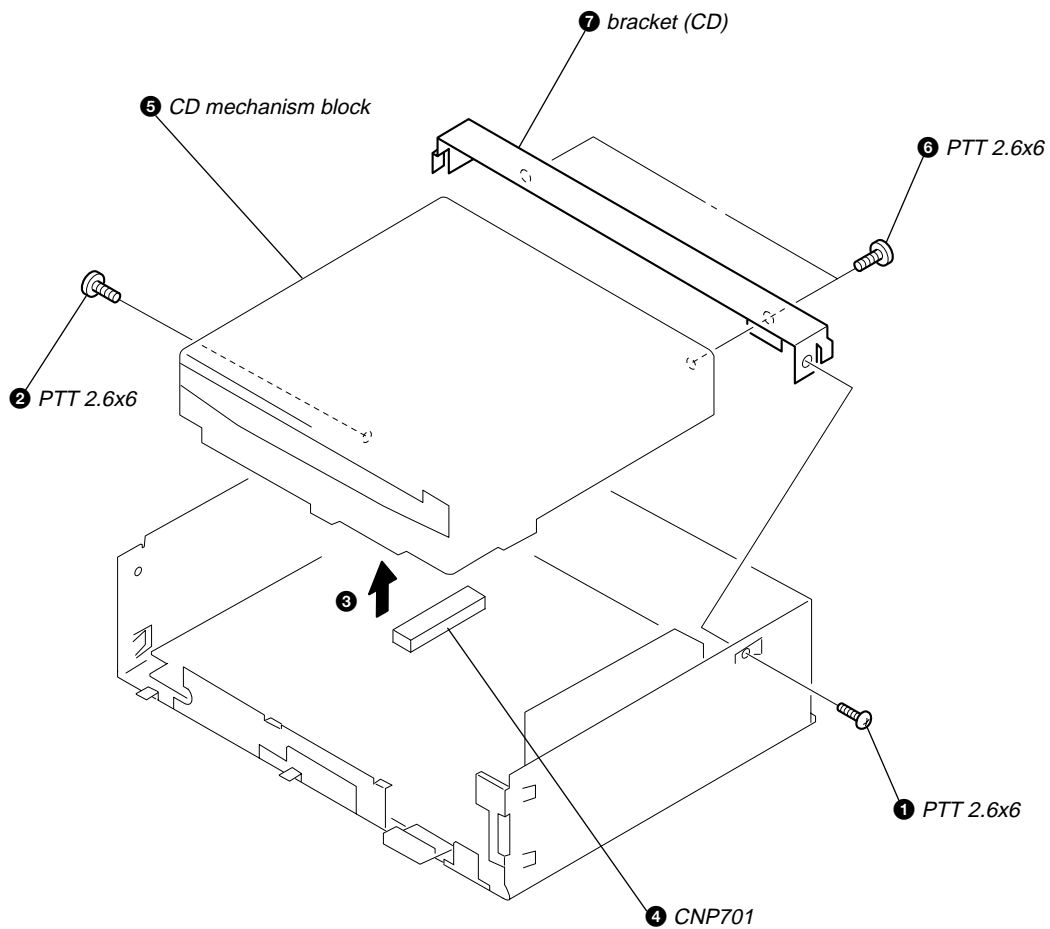


**Note :** Follow the disassembly procedure in the numerical order given.

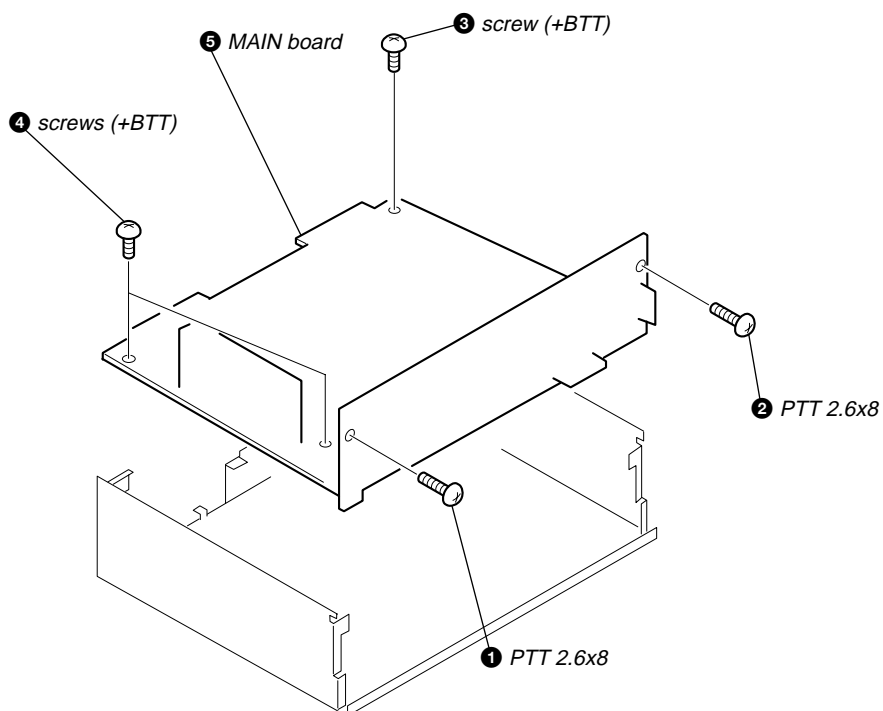
### 2-1. PANEL (1) ASSY, SUB



## 2-2. CD MECHANISM BLOCK

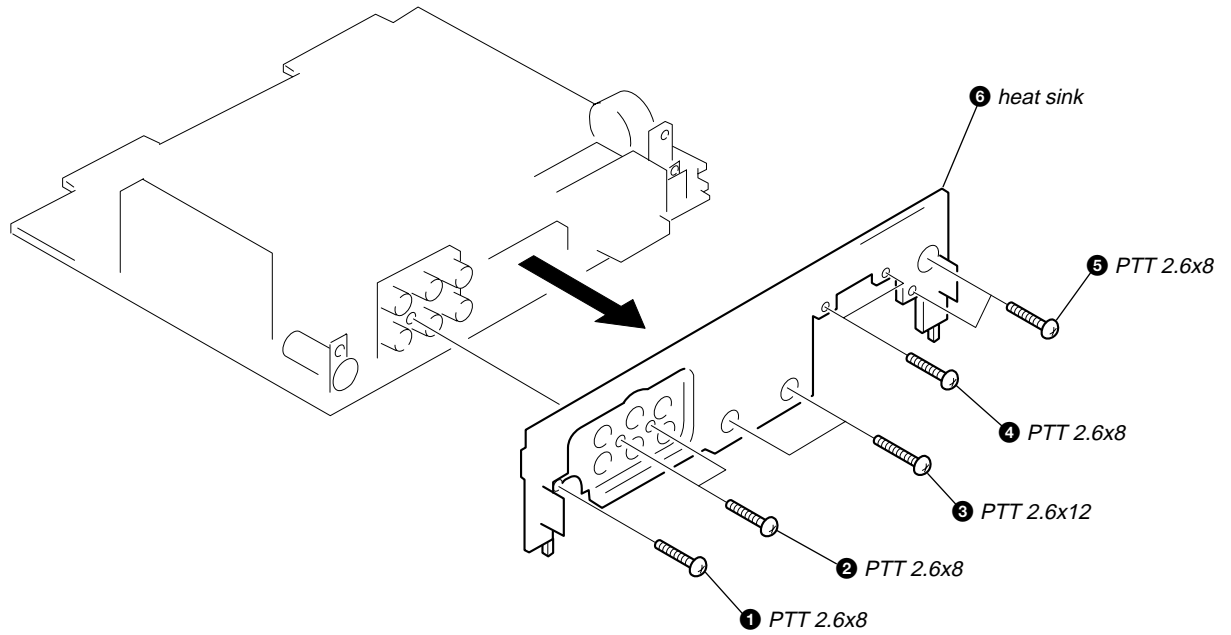


## 2-3. MAIN BOARD

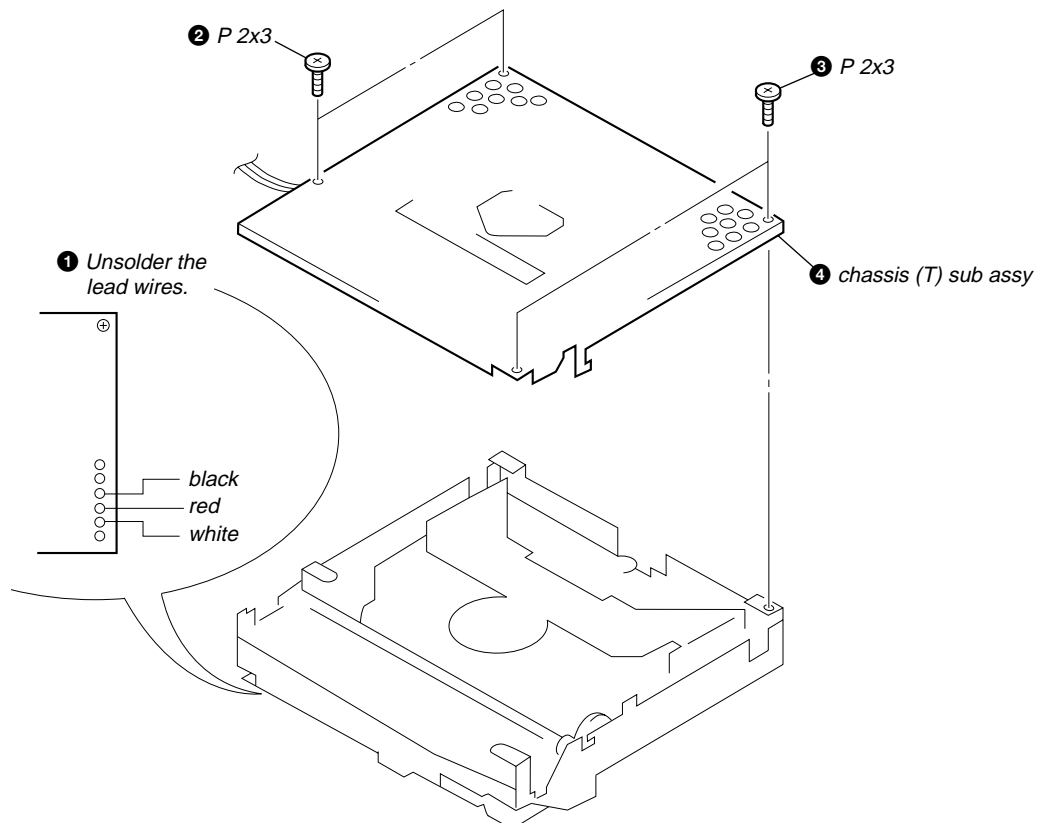




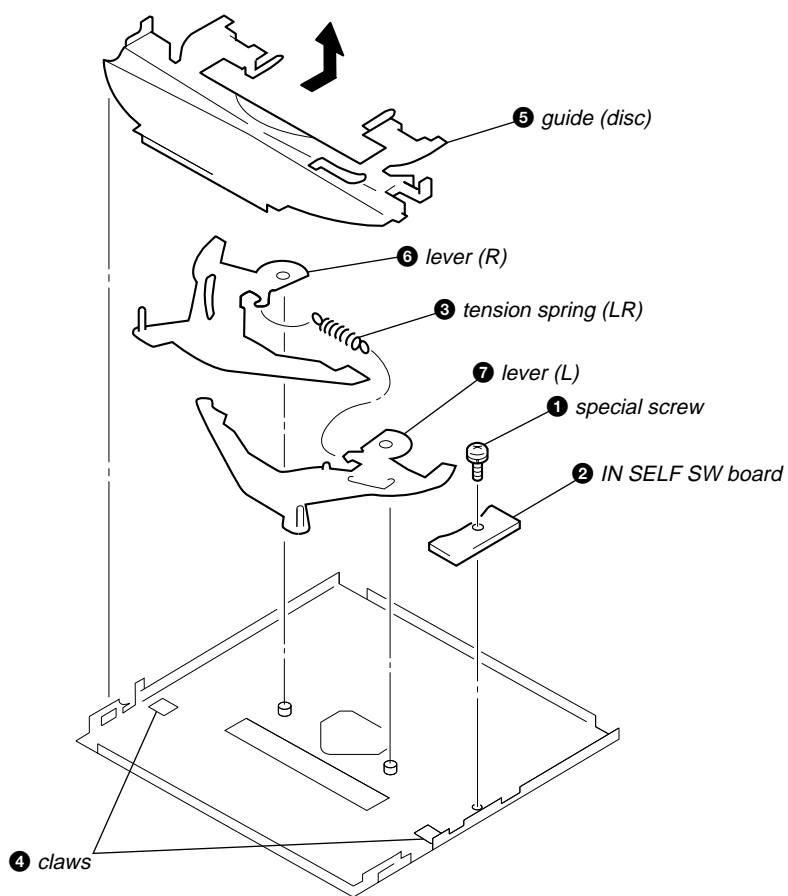
2-4. HEAT SINK



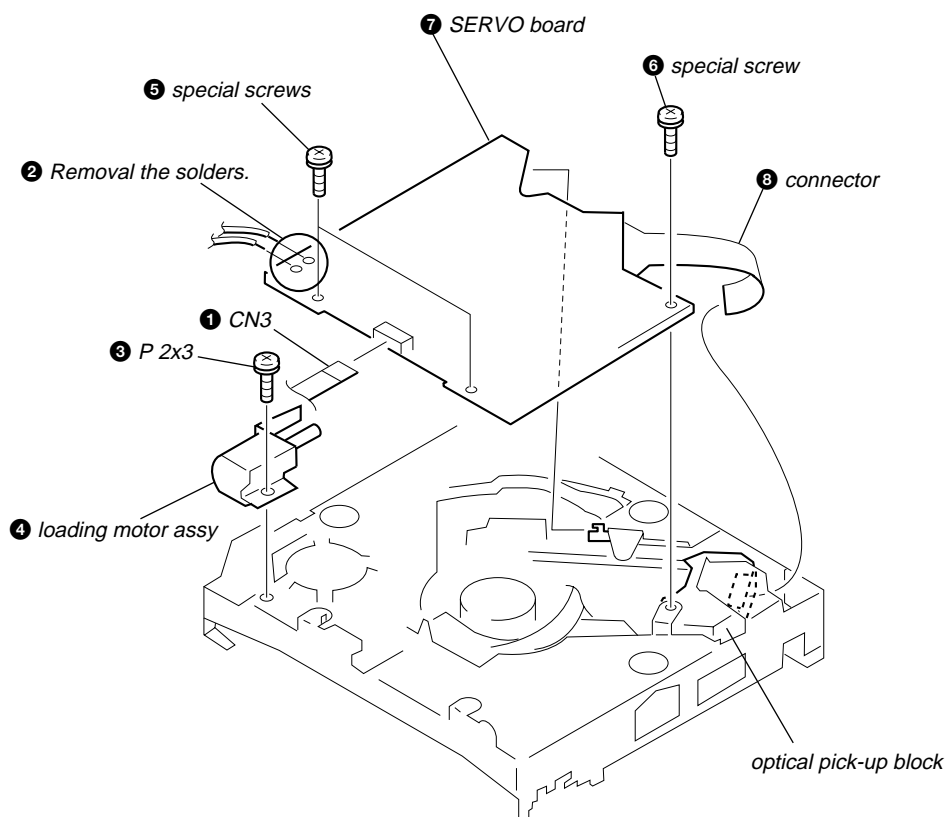
2-5. CHASSIS (T) SUB ASSY



2-6. LEVER SECTION

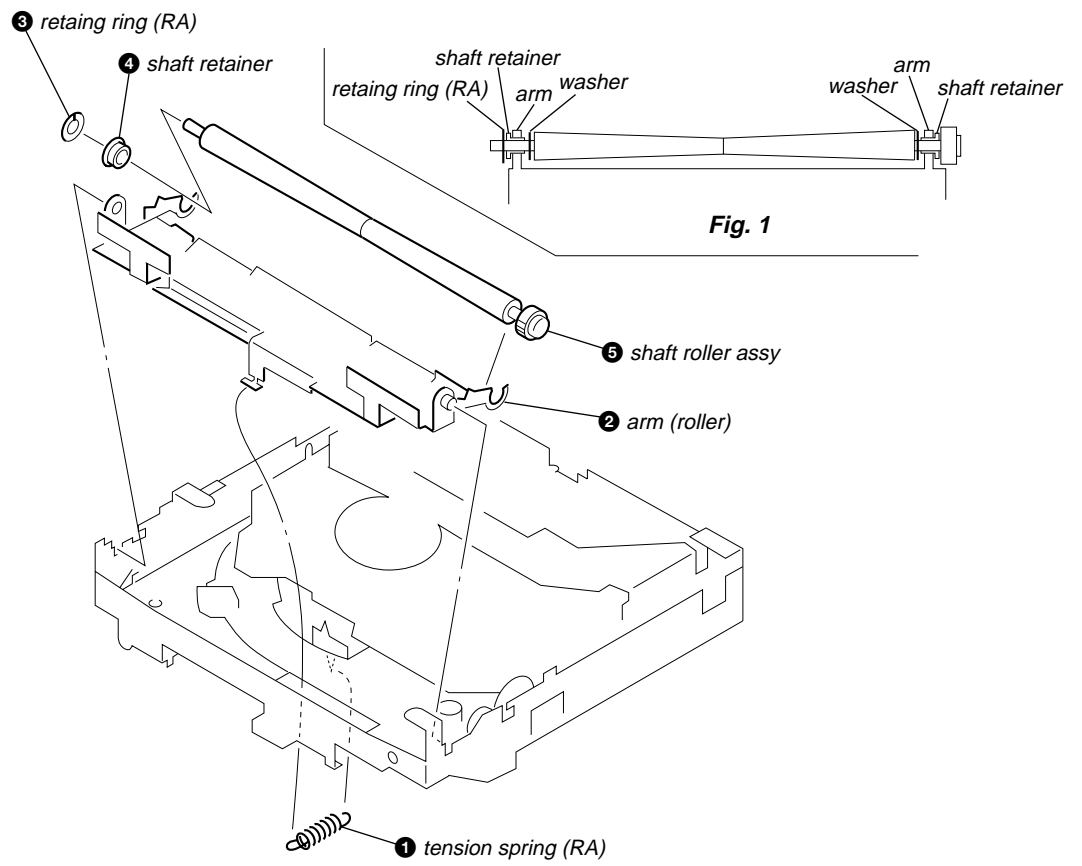


2-7. SERVO BOARD

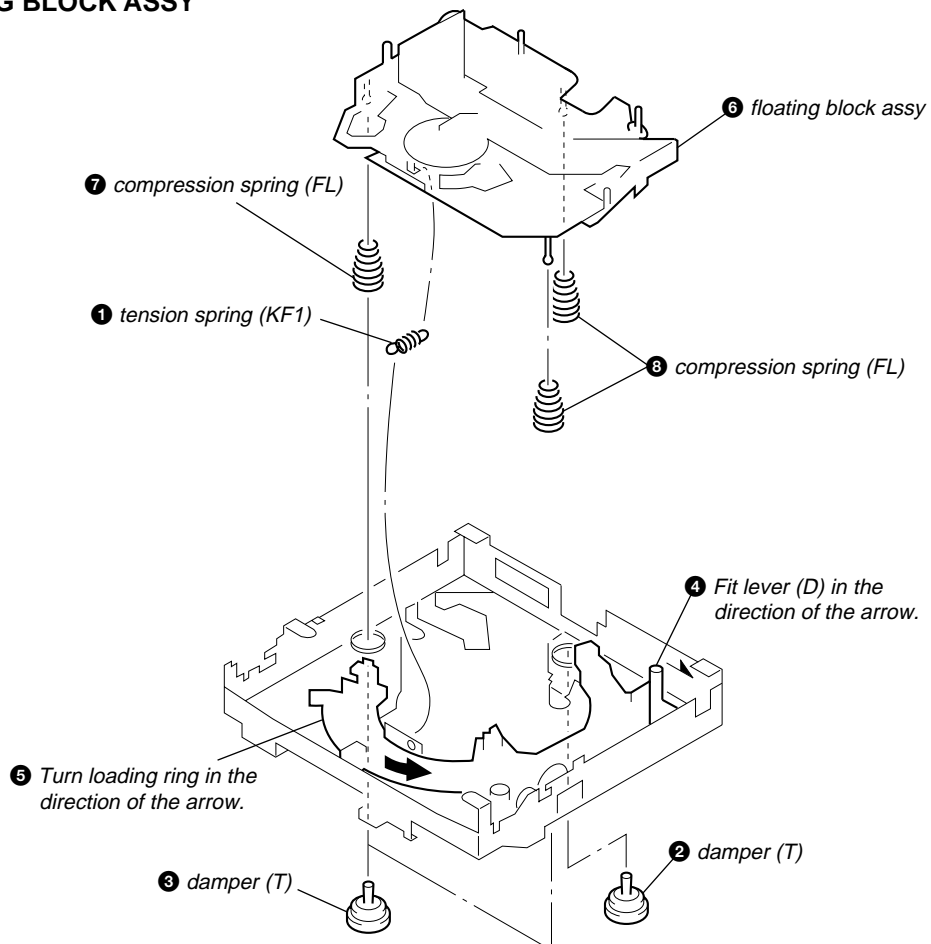


### 2-8. SHAFT ROLLER ASSY

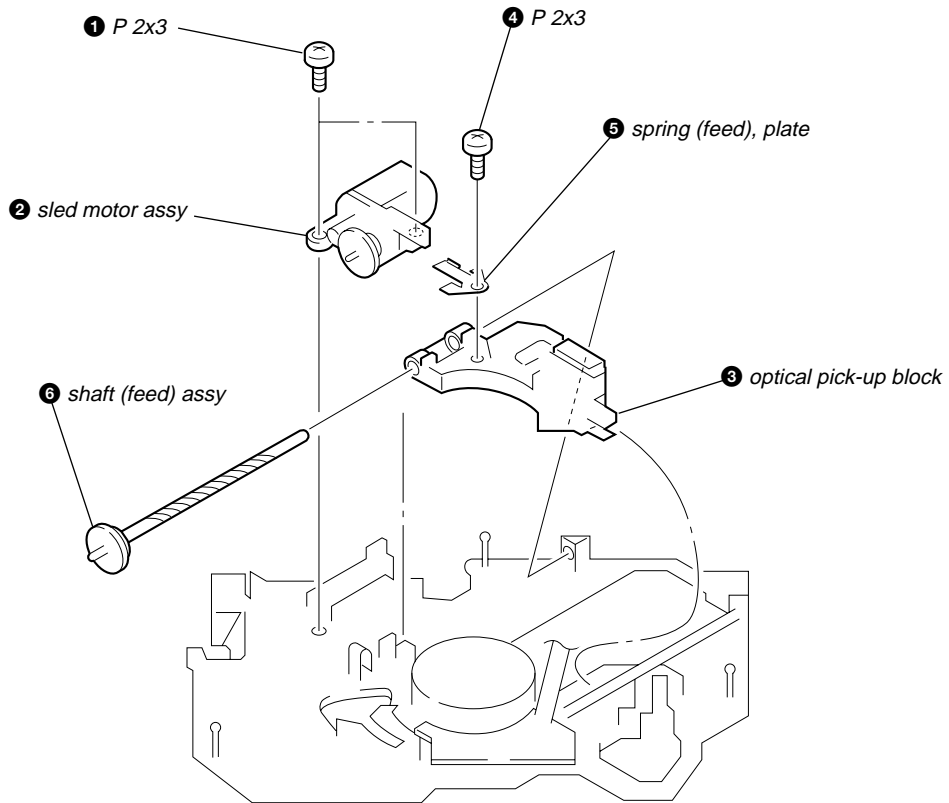
- When installing, take note of the positions arm (roller) and washers. (Fig. 1)



### 2-9. FLOATING BLOCK ASSY



2-10. OPTICAL PICK-UP BLOCK



## SECTION 3 DIAGRAMS

### 3-1. IC PIN DESCRIPTION

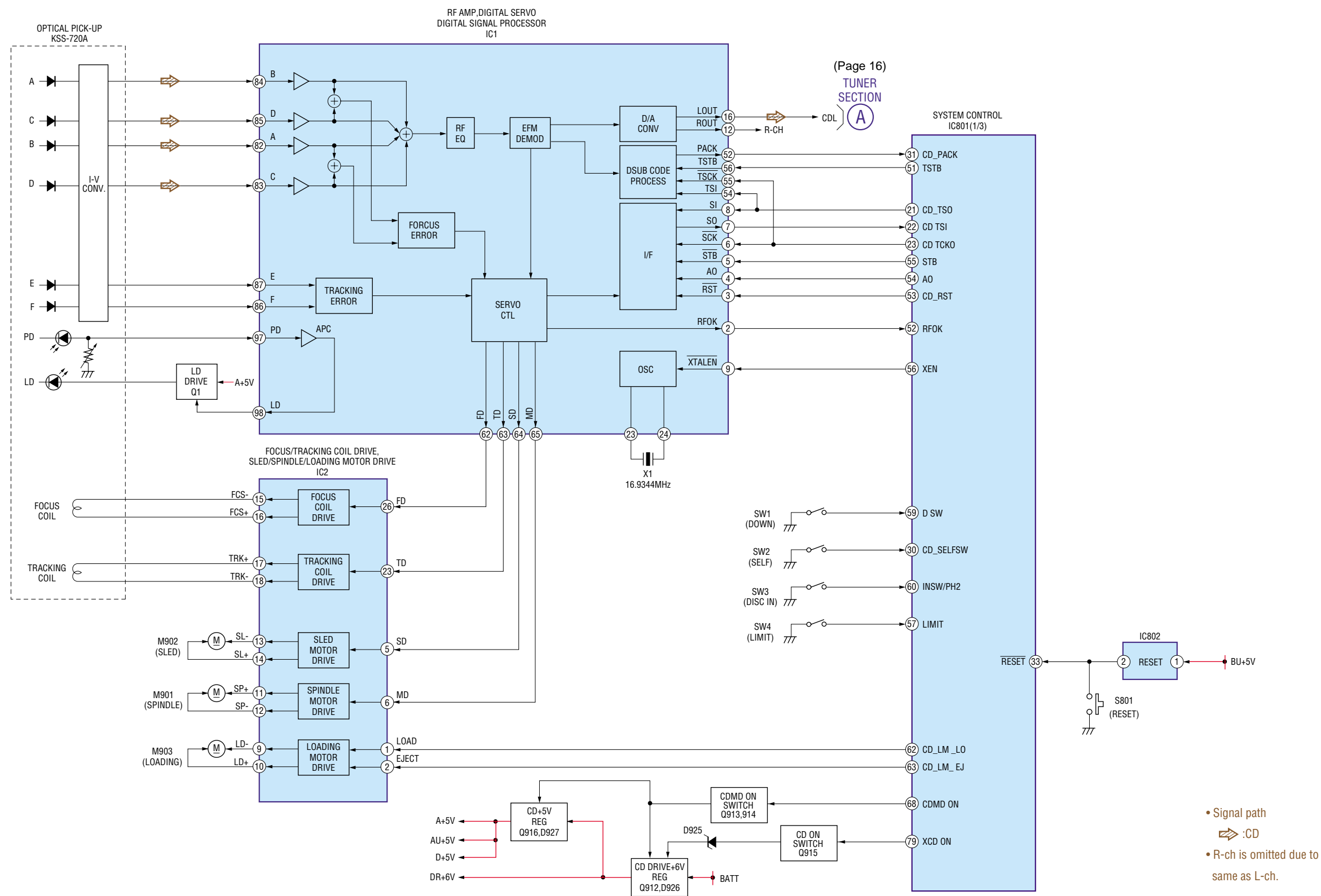
#### • IC801 MN101C49KCF (SYSTEM CONTROL)

Pin No.	Pin Name	I/O	Pin Description
1	VREF-	—	Ground for A/D converter power supply
2	VSM	I	S-meter voltage detection signal input from tuner unit (TU601)
3	NC	I	Connect to ground.
4	KEYIN1	I	Key signal input
5	KEYIN0	I	Key signal input
6	RC IN0	I	Rotary commander key signal input from remote in jack (CNP801)
7	QUALITY	I	Noise detection signal input from RDS decoder (IC601)
8	MPTH	I	Multipass detection signal input
9	FUNCSEL	I	Destination set up detection signal input (“L”: CDX-CA600X, “H”: CDX-CA600)
10	VREF	—	A/D converter power supply
11	VDD	—	Power supply (+5 V) input pin
12	OSCOU	O	High speed clock signal output (18.432 MHz)
13	OSCIN	I	High speed clock signal input (18.432 MHz)
14	VSS	—	Ground for power supply
15	XIN	I	Low speed clock signal input (32.768 kHz)
16	XOUT	O	Low speed clock signal output (32.768 kHz)
17	MMOD	I	Memory mode select signal input (Input to “Low” (single chip mode).) (Connect to ground.)
18	LCDSO	O	LCD serial data signal output to LCD driver (IC501)
19	LCDCE	O	LCD chip enable signal output to LCD driver (IC501)
20	LCDCO	O	LCD serial clock signal output to LCD driver (IC501)
21	CD TSO	O	CD servo IC serial data signal output
22	CD TSI	I	CD servo IC serial data signal input
23	CD TCKO	O	CD servo IC serial clock signal output
24	$\overline{\text{SYSRST}}$	O	System reset signal output to bus interface (IC803)
25	$\overline{\text{BUS ON}}$	O	Bus on signal output to bus interface (IC803)
26	KEYACK	I	Key acknowledge detection signal input
27	DAVN	I	RDS data block sync detection signal input
28	BU IN	I	Back up power supply detection signal input
29	SIRCS	I	Remote signal input from remote control receiver (IC552)
30	CD SELFSW	I	CD mechanism self load position detection switch signal input from self switch (SW2)
31	CD PACK	I	CD text pack sync signal input from CD servo (IC1)
32	NIH	I	Connect to power supply.
33	RESET	I	microcomputer reset signal input from reset IC (IC802) “L”: reset
34	$\overline{\text{NOSES}}$	I	Connect to power supply.
35	BEEP	O	Beep signal output to power amp (IC401)
36	NCO	O	Not used. (Open)
37	$\overline{\text{TESTIN}}$	I	Test mode detection signal input
38	$\overline{\text{ACCIN}}$	I	Accessory power supply detection signal input
39	NCO	O	Not used. (Open)
40	TELATT	I	Telephone ATT detection signal input
41	NIH	I	Connect to power supply.
42	BUSSO	O	Sony-Bus serial data signal output to bus interface (IC803)
43	BUSSI	I	Sony-Bus serial data signal input from bus interface (IC803)
44	BUSCKO	O	Sony-Bus serial clock signal output to bus interface (IC803)
45	I2CSIO	I/O	I2C bus serial data signal input/output
46	NCO	O	Not used. (Open)
47	I2CCKO	O	I2C bus serial clock signal output
48	NC	O	Not used. (Open)
49	TUNON	O	Tuner power supply control signal output
50	PW ON	O	System power supply control signal output

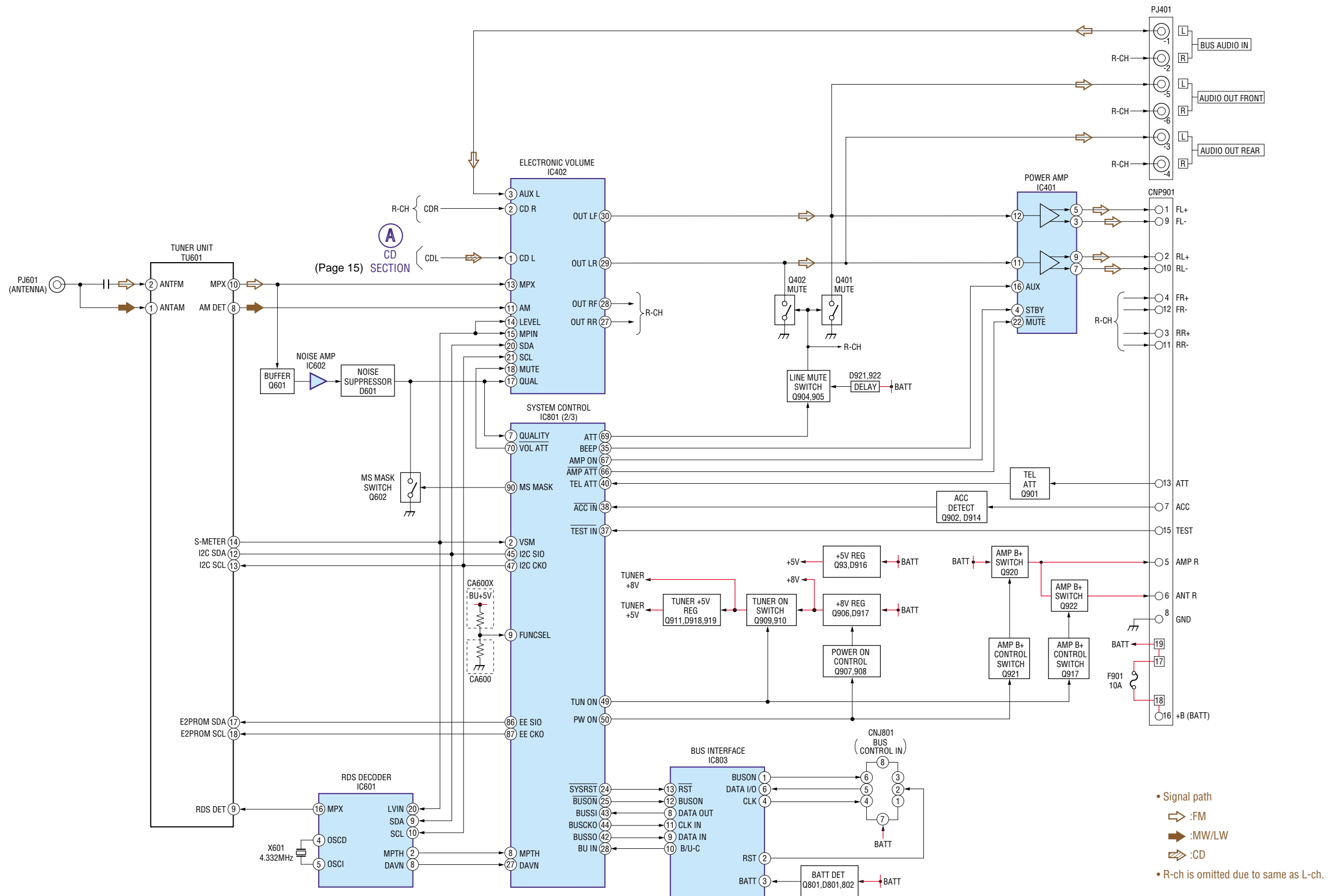
# CDX-CA600/CA600X

Pin No.	Pin Name	I/O	Pin Description
51	TSTB	O	CD text parameter strob signal output to servo IC (IC1)
52	RFOK	I	RF OK signal input from servo IC (IC1)
53	CD RST	O	Reset signal output to servo IC (IC1)
54	A0	O	Command/parameter identification signal output to servo IC (IC1) “L”: Command, “H”: Parameter
55	STB	O	Data strob signal output to servo IC (IC1)
56	X EN	O	Crystal oscillation control signal output to servo IC (IC1)
57	LIMIT	I	CD Mechanism in-limit switch signal input from limit switch (SW4)
58	PH1	I	CD Mechanism PH1 detection signal input Not used in this set.
59	D SW	I	CD Mechanism down switch signal input from down switch (SW1)
60	INSW/PH2	I	CD Mechanism disc-in switch detection signal input from disc-in switch (SW3)
61	PH3	I	CD Mechanism PH3 detection signal input Not used in this set.
62	CD LM LO	O	CD Mechanism loading motor control signal output to loading motor drive (IC2)
63	CD LM EJ	O	CD Mechanism eject motor control signal output to loading motor drive (IC2)
64, 65	NC	O	Not used. (Open)
66	AMPATT	O	Power amp ATT control signal output to power amp (IC401)
67	AMPON	O	Power amp standby control signal output to power amp (IC401)
68	CDMD ON	O	CD mechanism deck power supply control signal output
69	ATT	O	System ATT control signal output
70	VOLATT	O	Electrical volume ATT control signal output to electrical volume (IC402)
71 – 75	NC	O	Not used. (Open)
76	NC	I	Not used. (Open)
77	COL SEL	I	Color select switch signal input “H”: Green, “L”: Amber
78	NC	O	Not used. (Open)
79	XCD ON	O	CD on signal output “H”: Play, “L”: Loading or standby
80 – 85	NC	O	Not used. (Open)
86	EE SIO	I/O	EEPROM serial data signal input/output
87	EE CKO	O	EEPROM serial clock signal output
88	NC	O	Not used. (Open)
89	FLASH W	I	Flash microcomputer write detection signal input “L”: Write mode
90	NS MASK	O	Noise mask signal output
91	AD ON	O	Key power supply control signal output
92	DOORIND	O	Sub panel power supply control signal output Not used in this set. (Open)
93	ILLON	O	Illumination power supply control signal output
94	NOSE SW	I	Front panel with/without detection signal input “L”: Panel with, “H”: Panel without
95	DAVSS	—	Ground pin
96	RE IN1	I	Rotary encoder signal input Not used in this set. (Open)
97	RE IN0	I	Rotary encoder signal input Not used in this set. (Open)
98	RC IN1	I	Rotary commander shift key signal input from remote in jack (CNP801) “L”: Shift key on
99	NC	O	Not used. (Open)
100	DAVDD	—	Power supply pin (+5 V)

3-2. BLOCK DIAGRAM — CD SECTION —

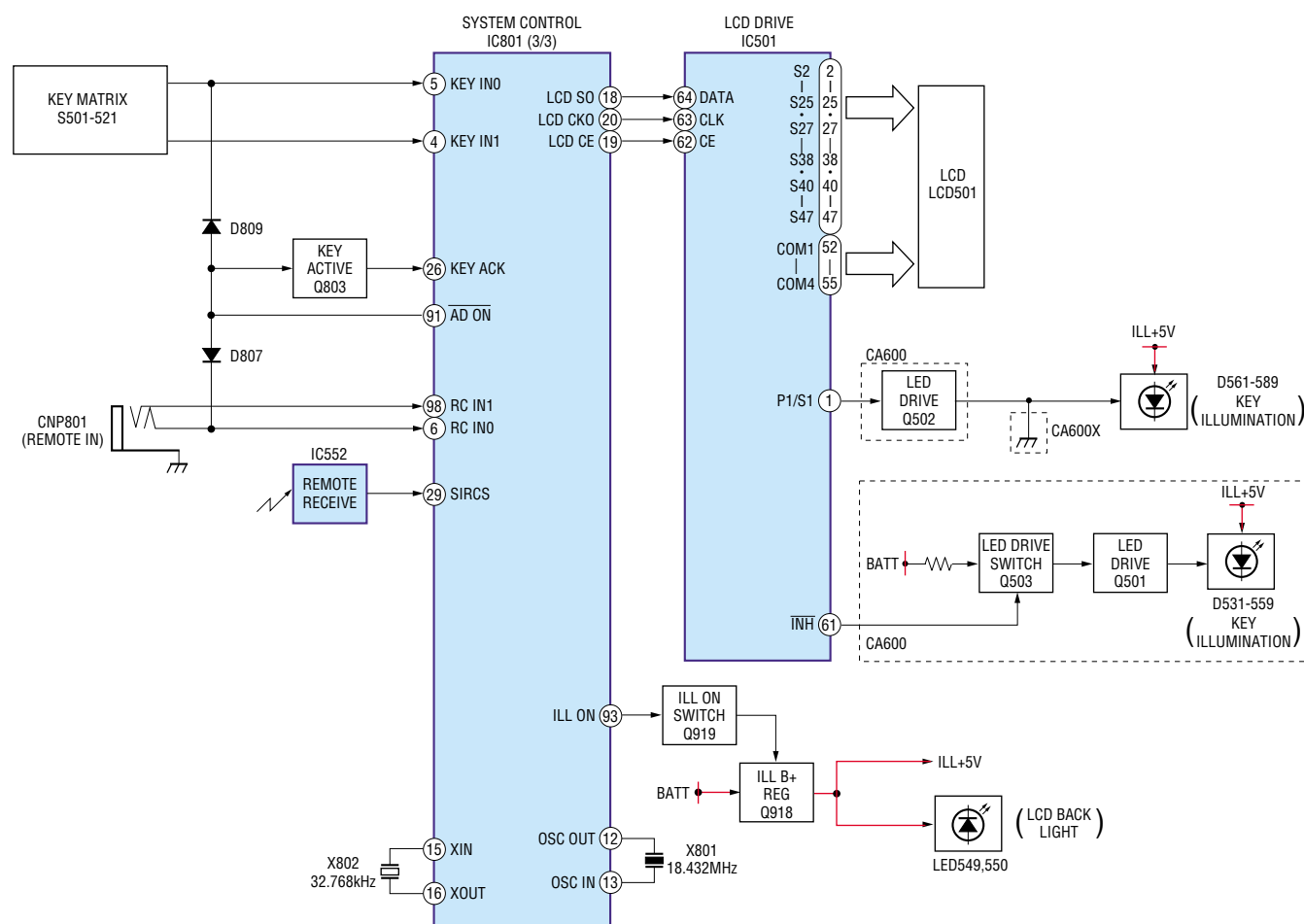


3-3. BLOCK DIAGRAM — TUNER SECTION —

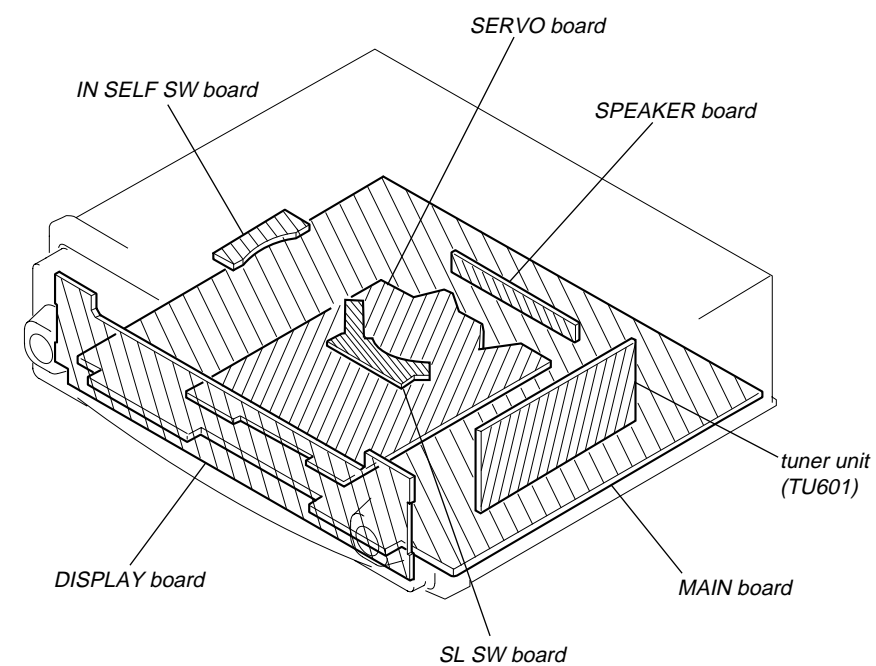




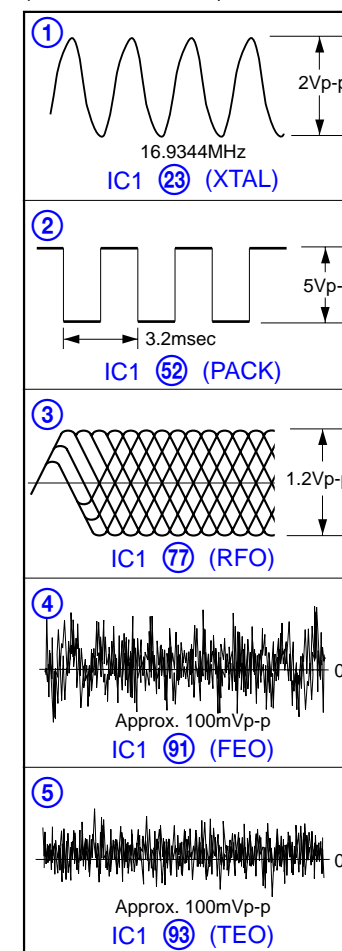
3-4. BLOCK DIAGRAM — DISPLAY SECTION —



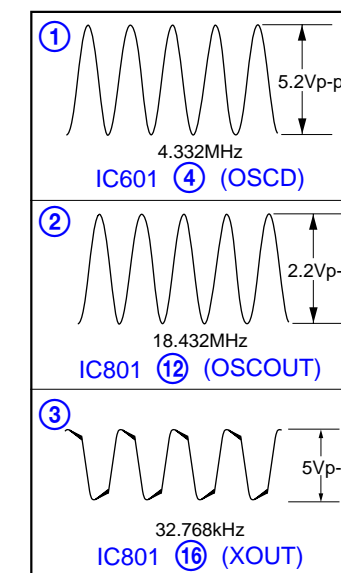
3-5. CIRCUIT BOARDS LOCATION



• Waveforms  
— Servo Board —  
(MODE: CD PLAY)



— Main Board —





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

**for schematic diagram:**

- All capacitors are in  $\mu\text{F}$  unless otherwise noted. pF:  $\mu\text{pF}$
- 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in  $\Omega$  and  $1/4\text{ W}$  or less unless otherwise specified.
- % : indicates tolerance.
- $\Delta$  : internal component.
- $\square$  : panel designation.

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

- — : B+ Line.
- Power voltage is dc 14.4V and fed with regulated dc power supply from ACC and BATT cords.
- Voltages are taken with a VOM (Input impedance 10 M $\Omega$ ).  
 Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with an oscilloscope.  
 Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
- $\square$  : FM
- $\blacktriangleright$  : MW/LW
- $\blacktriangleleft$  : CD

**for printed wiring boards:**

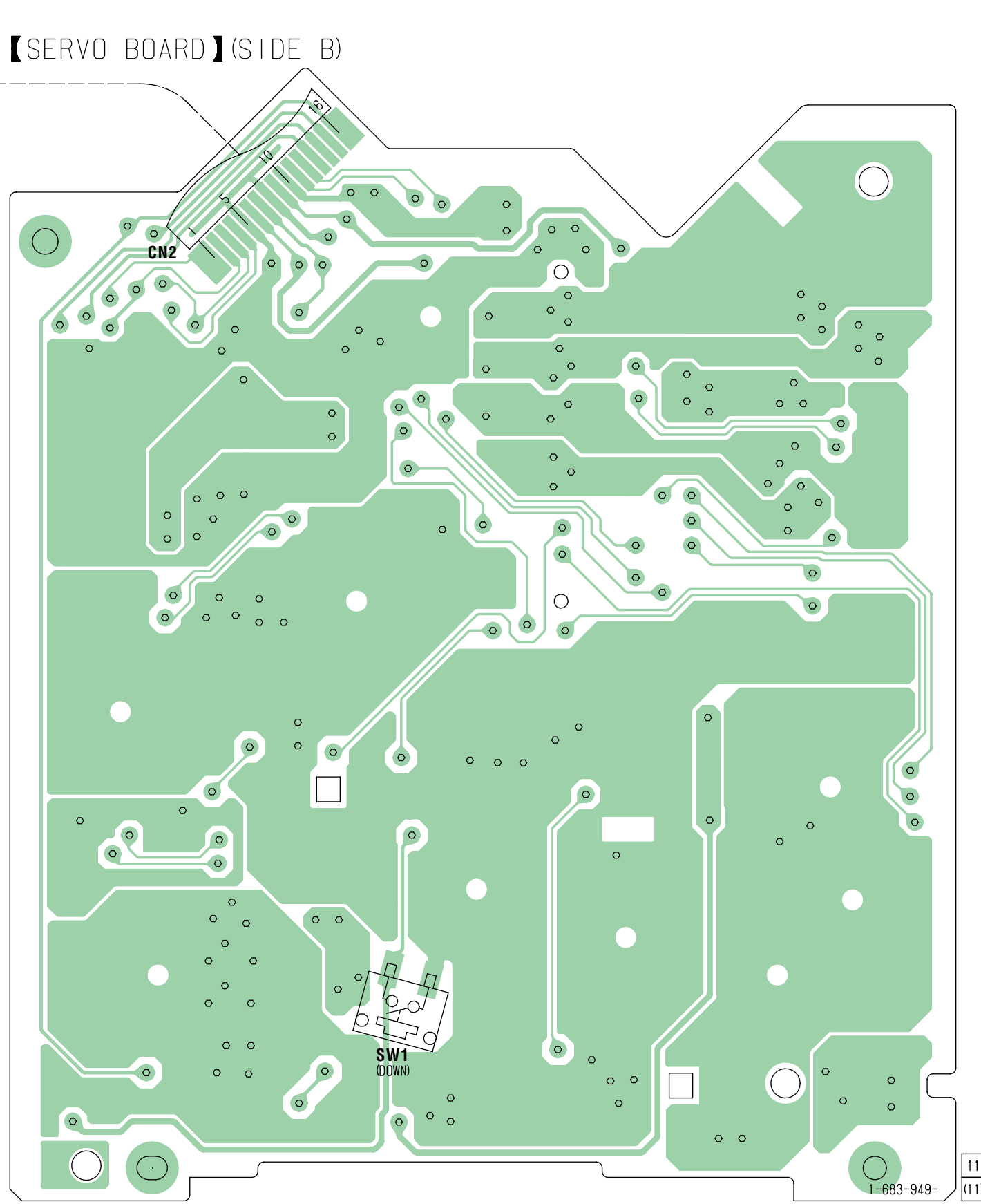
- $\circ$  : parts extracted from the component side.
- $\square$  : parts extracted from the conductor side.
- $\blacksquare$  : parts mounted on the conductor side.
- $\circ$  : Through hole.
- : Pattern from the side which enables seeing.  
 (The other layer's patterns are not indicated.)

**Caution:**  
 Pattern face side: Parts on the pattern face side seen from the pattern face are indicated.  
 Parts face side: Parts on the parts face side seen from the parts face are indicated.

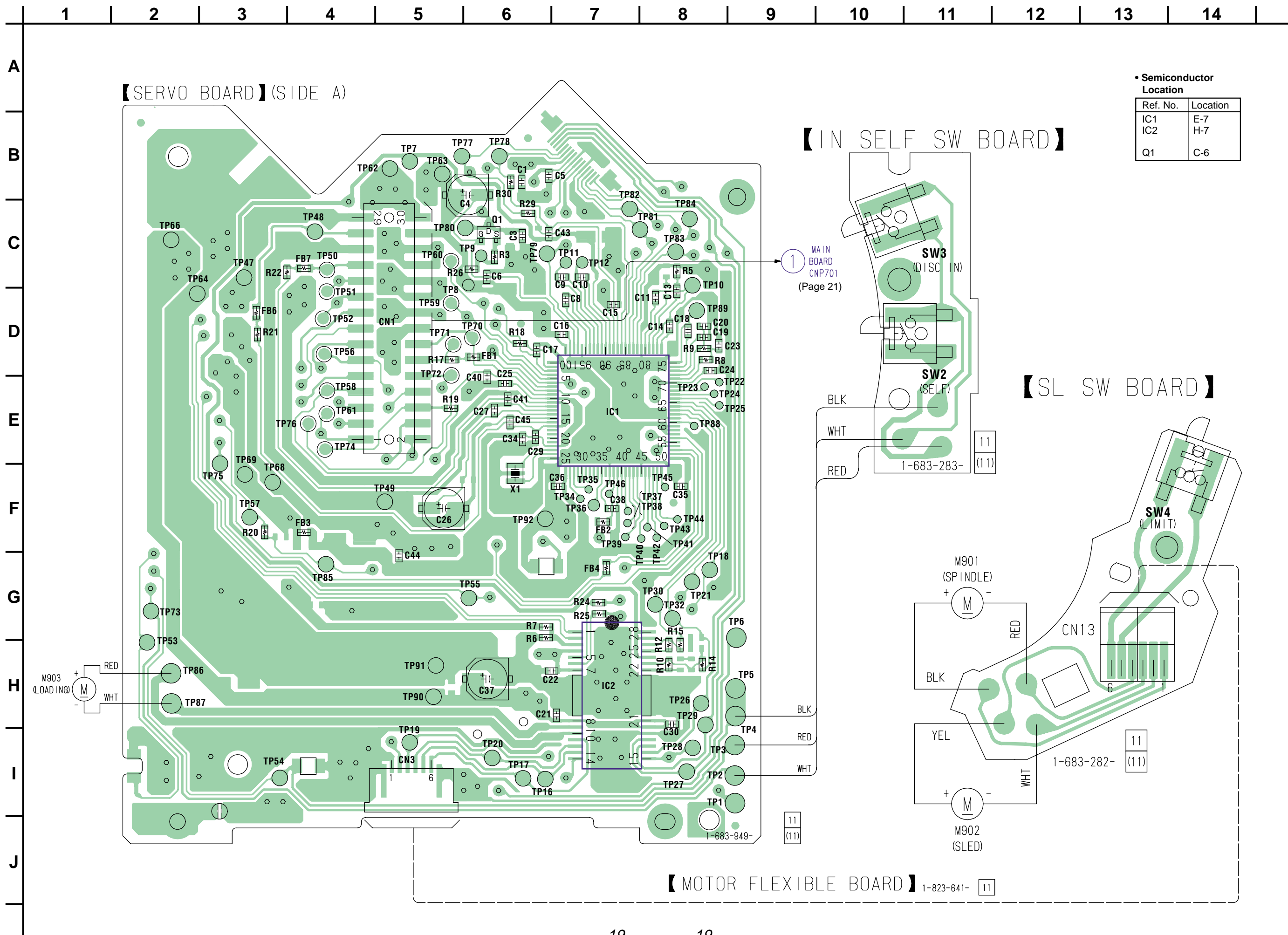
OPTICAL PICK-UP  
 KSS-720A

**PICK-UP FLEXIBLE BOARD**

1-683-284-11



A  
B  
C  
D  
E  
F  
G  
H  
I  
J

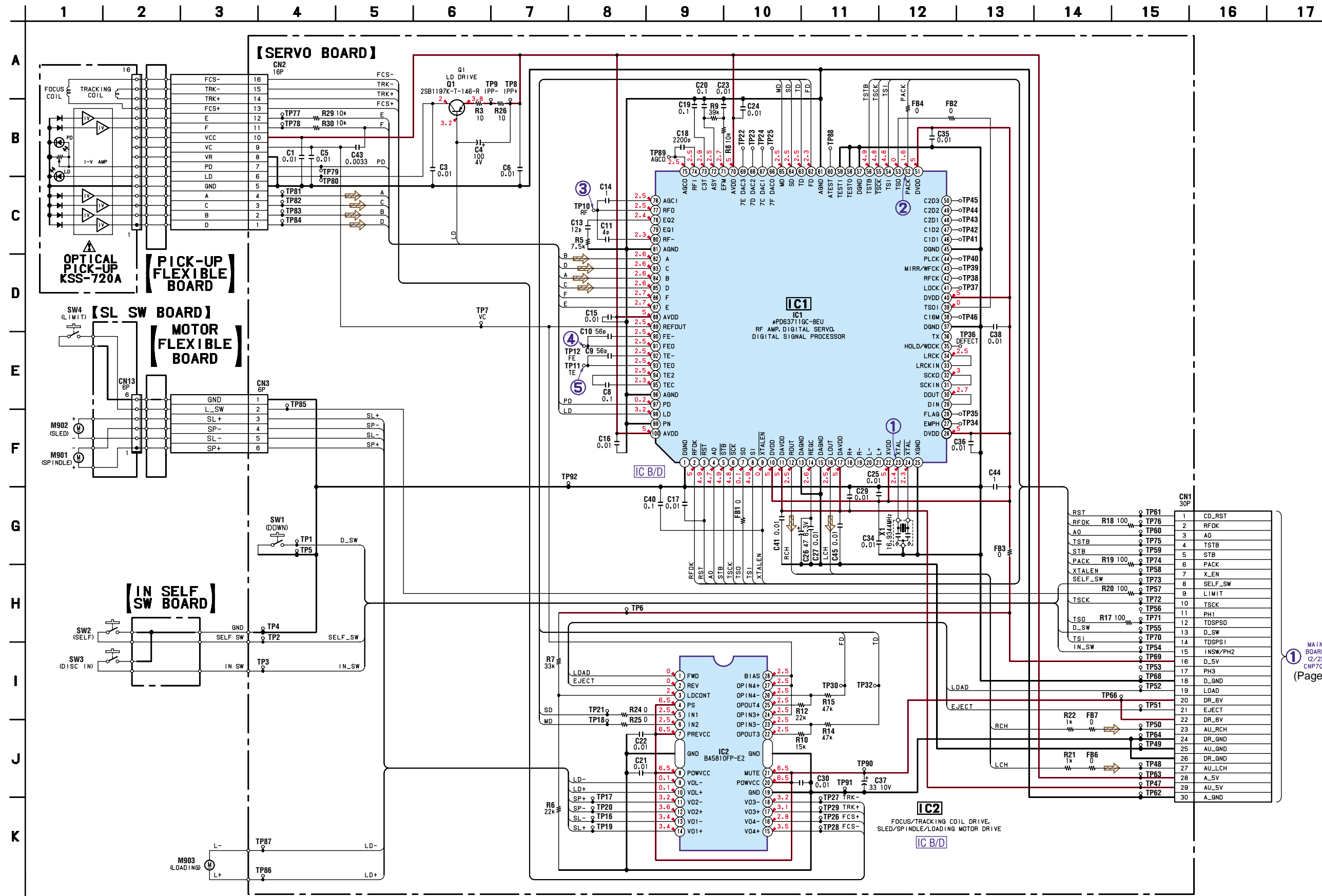


• Semiconductor Location

Ref. No.	Location
IC1	E-7
IC2	H-7
Q1	C-6

• Refer to page 17 for Waveforms.

3-7. SCHEMATIC DIAGRAM — CD MECHANISM SECTION — • Refer to page 26 for IC Block Diagrams.



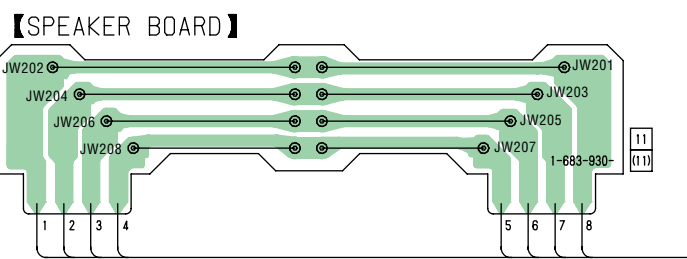
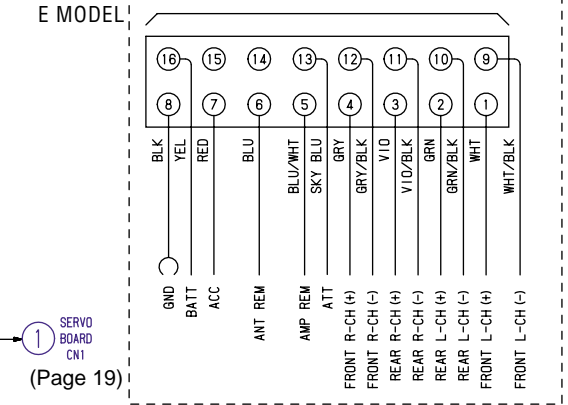
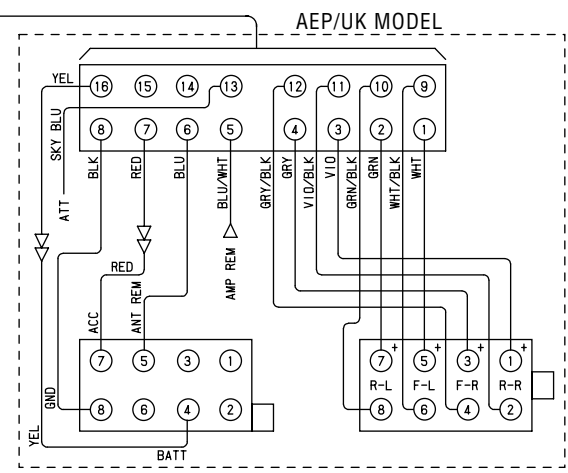
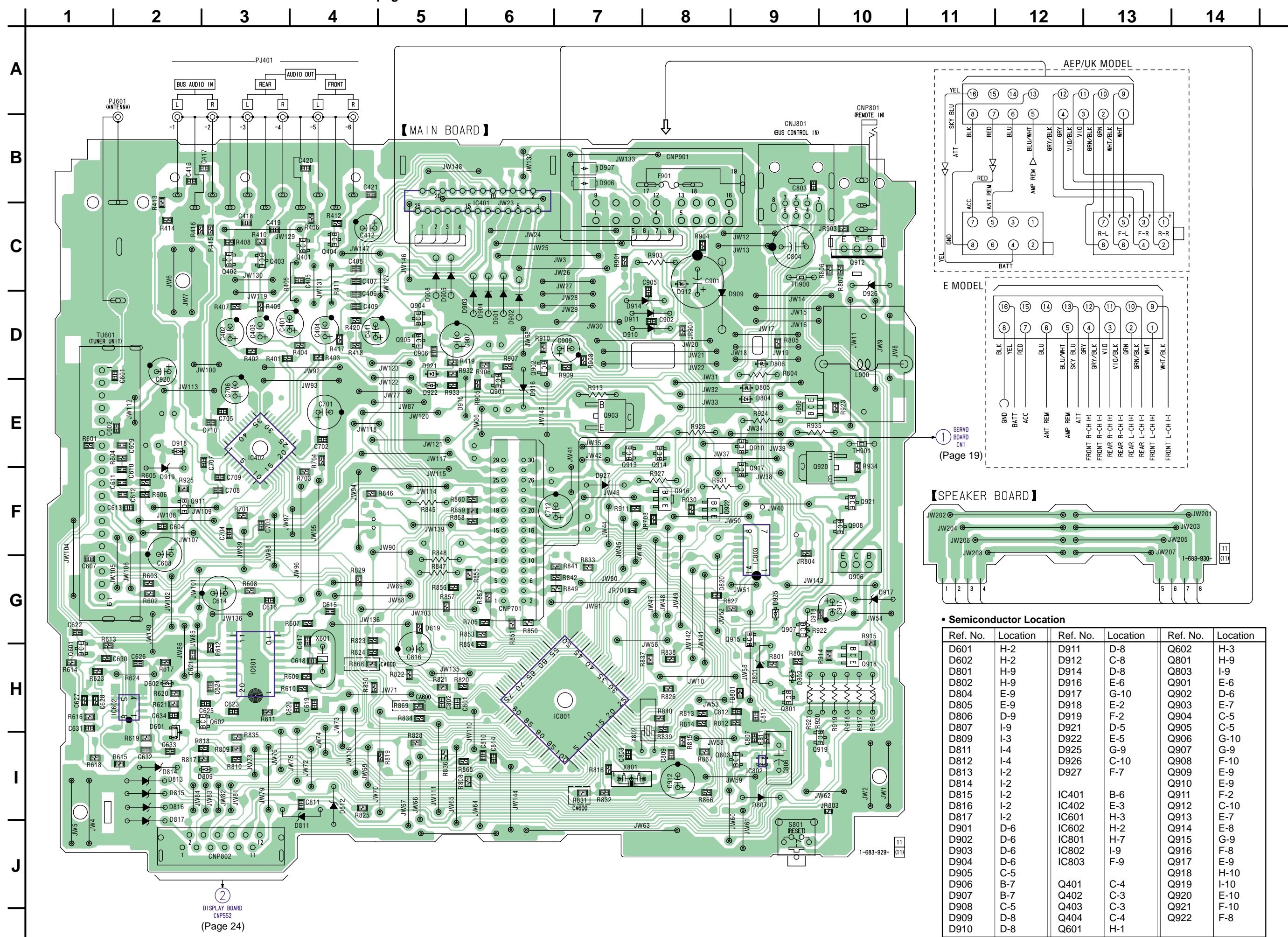
Pin	Signal	TP	Value
1	CD_RST	TP61	RST
2	RFDK	TP76	RFDK
3	AO	TP60	AO
4	TSTB	TP75	TSTB
5	STB	TP59	STB
6	PACK	TP74	PACK
7	X_EN	TP58	XTALEN
8	SELF_SW	TP73	SELF_SW
9	LIMIT	TP57	R20
10	TSCK	TP72	TSCK
11	PH1	TP71	TS0
12	TDSPSD	TP55	D_SW
13	D_SW	TP55	D_SW
14	TDSPS1	TP70	TS1
15	IN_SW/PH2	TP54	IN_SW
16	D_SW	TP69	
17	PH3	TP53	
18	D_GND	TP68	
19	LOAD	TP52	
20	DR_BV	TP51	
21	EJECT	TP50	
22	DR_BV	TP50	
23	AU_RCH	TP64	
24	DR_GND	TP49	
25	AU_GND	TP48	
26	DR_GND	TP48	
27	AU_LCH	TP63	
28	A_SV	TP47	
29	AU_SV	TP47	
30	A_GND	TP62	

① MAIN BOARD (2/2) CNP701 (Page 23)

**Note:**  
 • Voltage is dc with respect to ground under no-signal conditions.  
 no mark : CD PLAY



3-8. PRINTED WIRING BOARD — MAIN SECTION — • Refer to page 17 for Circuit Boards Location.



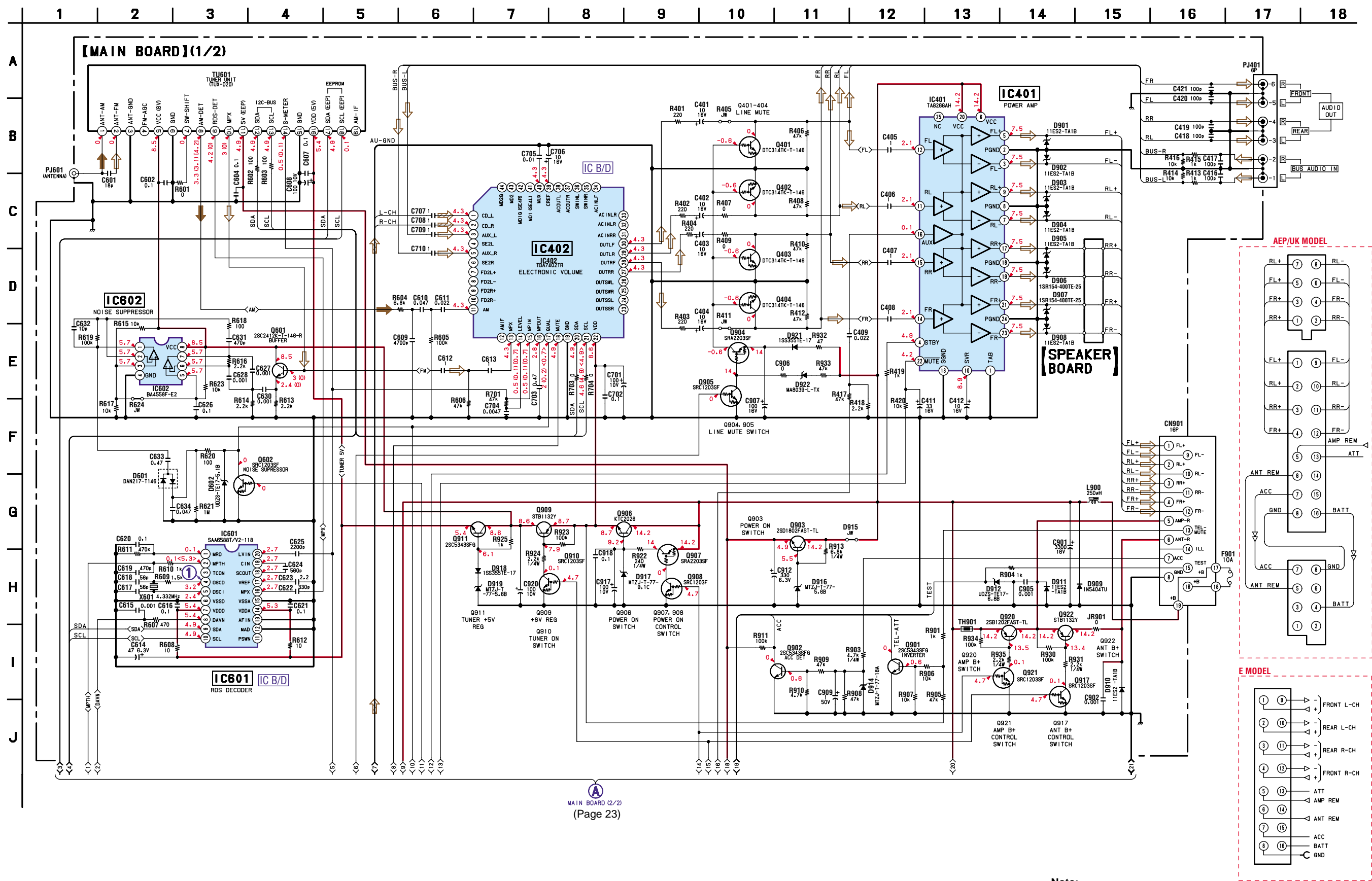
**• Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D601	H-2	D911	D-8	Q602	H-3
D602	H-2	D912	C-8	Q801	H-9
D801	H-9	D914	D-8	Q803	I-9
D802	H-9	D916	E-6	Q901	E-6
D804	E-9	D917	G-10	Q902	D-6
D805	E-9	D918	E-2	Q903	E-7
D806	D-9	D919	F-2	Q904	C-5
D807	I-9	D921	D-5	Q905	C-5
D809	I-3	D922	E-5	Q906	G-10
D811	I-4	D925	G-9	Q907	G-9
D812	I-4	D926	C-10	Q908	F-10
D813	I-2	D927	F-7	Q909	E-9
D814	I-2			Q910	E-9
D815	I-2	IC401	B-6	Q911	F-2
D816	I-2	IC402	E-3	Q912	C-10
D817	I-2	IC601	H-3	Q913	E-7
D901	D-6	IC602	H-2	Q914	E-8
D902	D-6	IC801	H-7	Q915	G-9
D903	D-6	IC802	I-9	Q916	F-8
D904	D-6	IC803	F-9	Q917	E-9
D905	C-5			Q918	H-10
D906	B-7	Q401	C-4	Q919	I-10
D907	B-7	Q402	C-3	Q920	E-10
D908	C-5	Q403	C-3	Q921	F-10
D909	D-8	Q404	C-4	Q922	F-8
D910	D-8	Q601	H-1		

2  
DISPLAY BOARD  
CNP552  
(Page 24)

• Refer to page 17 for Waveforms.  
 • Refer to page 26 for IC Block Diagrams.

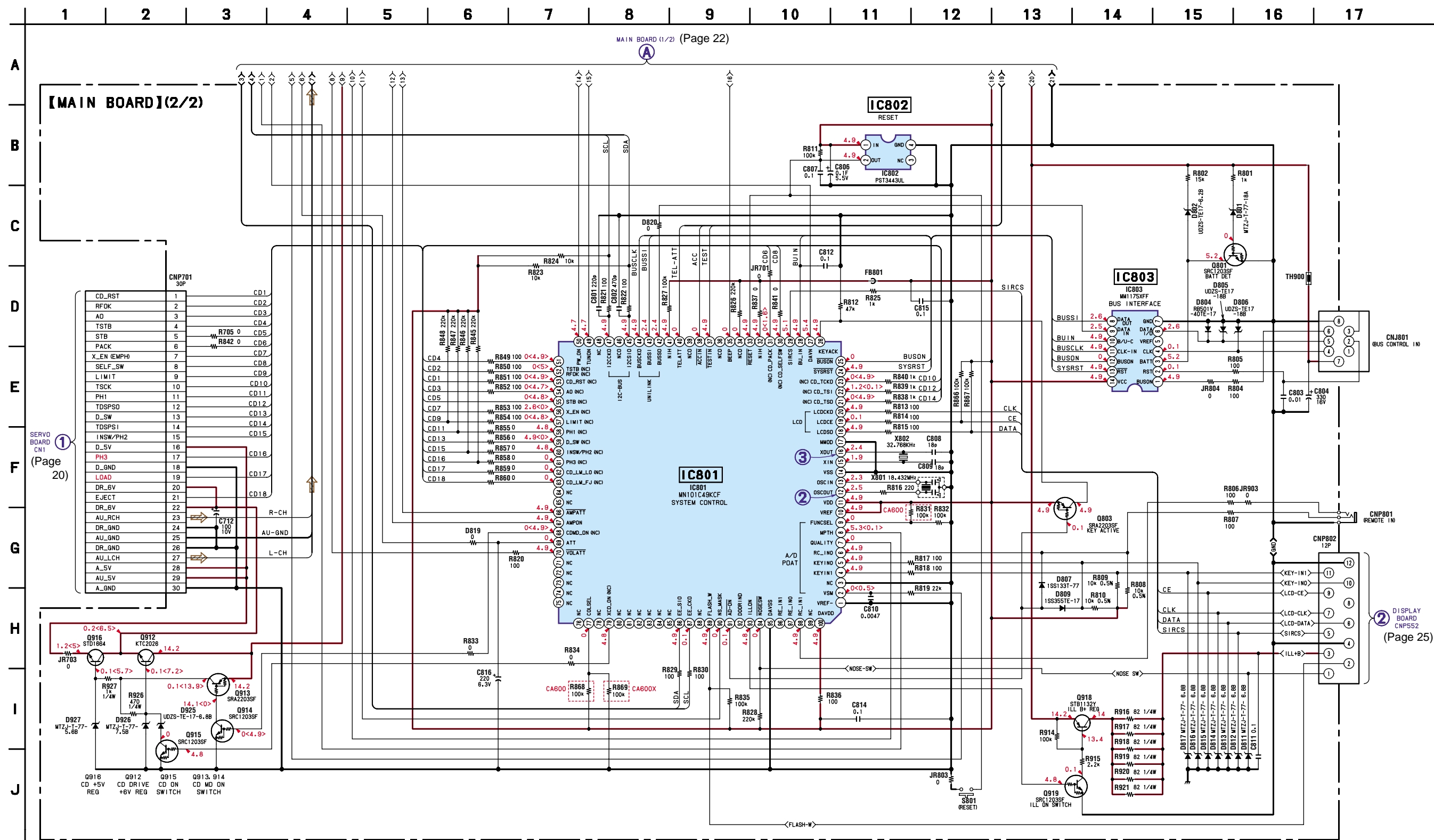
3-9. SCHEMATIC DIAGRAM — MAIN SECTION (1/2) —



MAIN BOARD (2/2)  
(Page 23)

**Note:**  
 • Voltage is dc with respect to ground under no-signal (detuned) condition.  
 no mark : FM  
 ( ) : MW/LW  
 < > : CD PLAY

3-10. SCHEMATIC DIAGRAM — MAIN SECTION (2/2) — • Refer to page 17 for Waveforms.



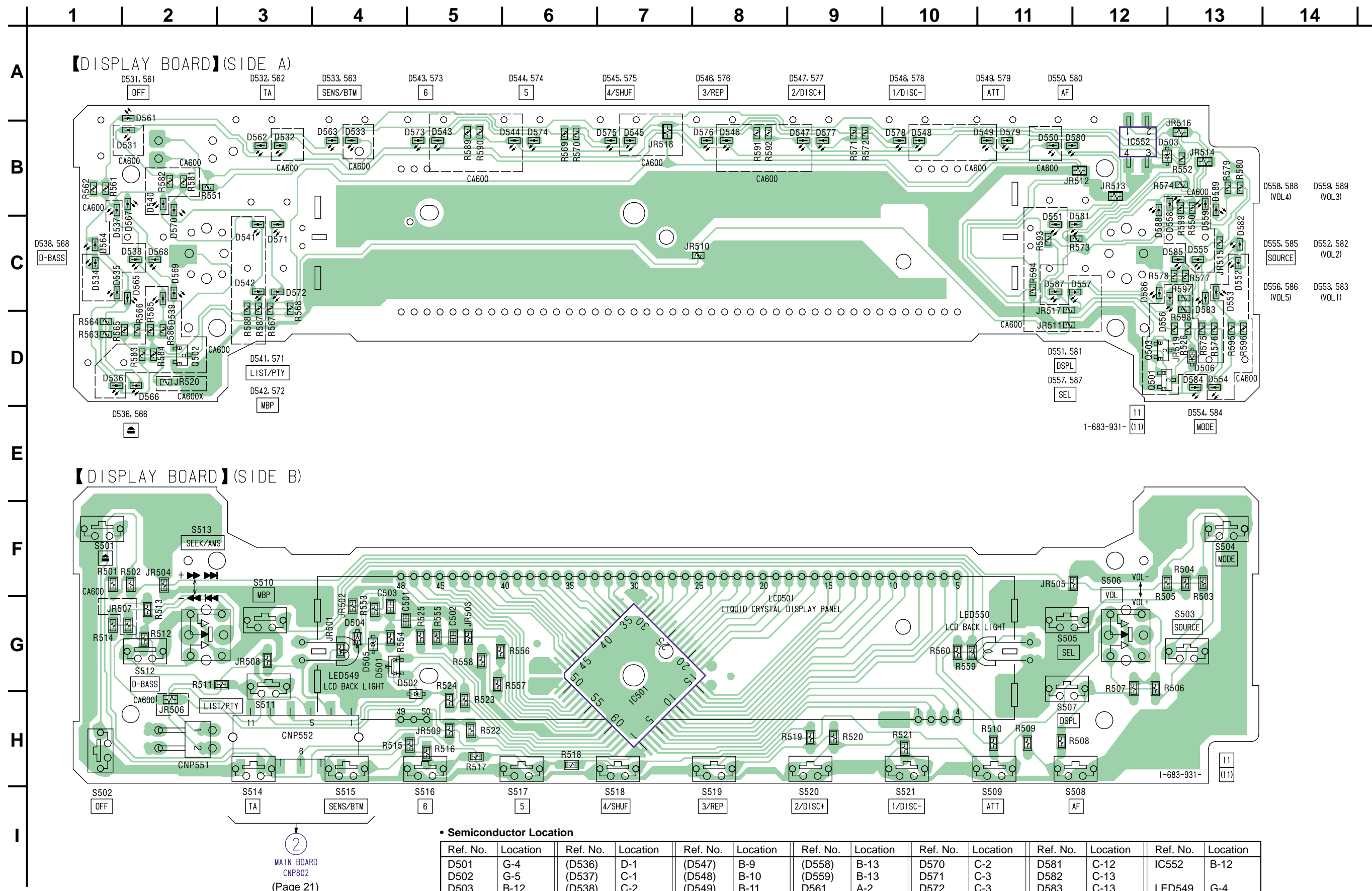
**Note:**

- Voltage is dc with respect to ground under no-signal (detuned) condition.
- no mark : FM
- ( ) : MW/LW
- < > : CD PLAY



CDX-CA600/CA600X

3-11. PRINTED WIRING BOARD — DISPLAY SECTION — • Refer to page 17 for Circuit Boards Location.



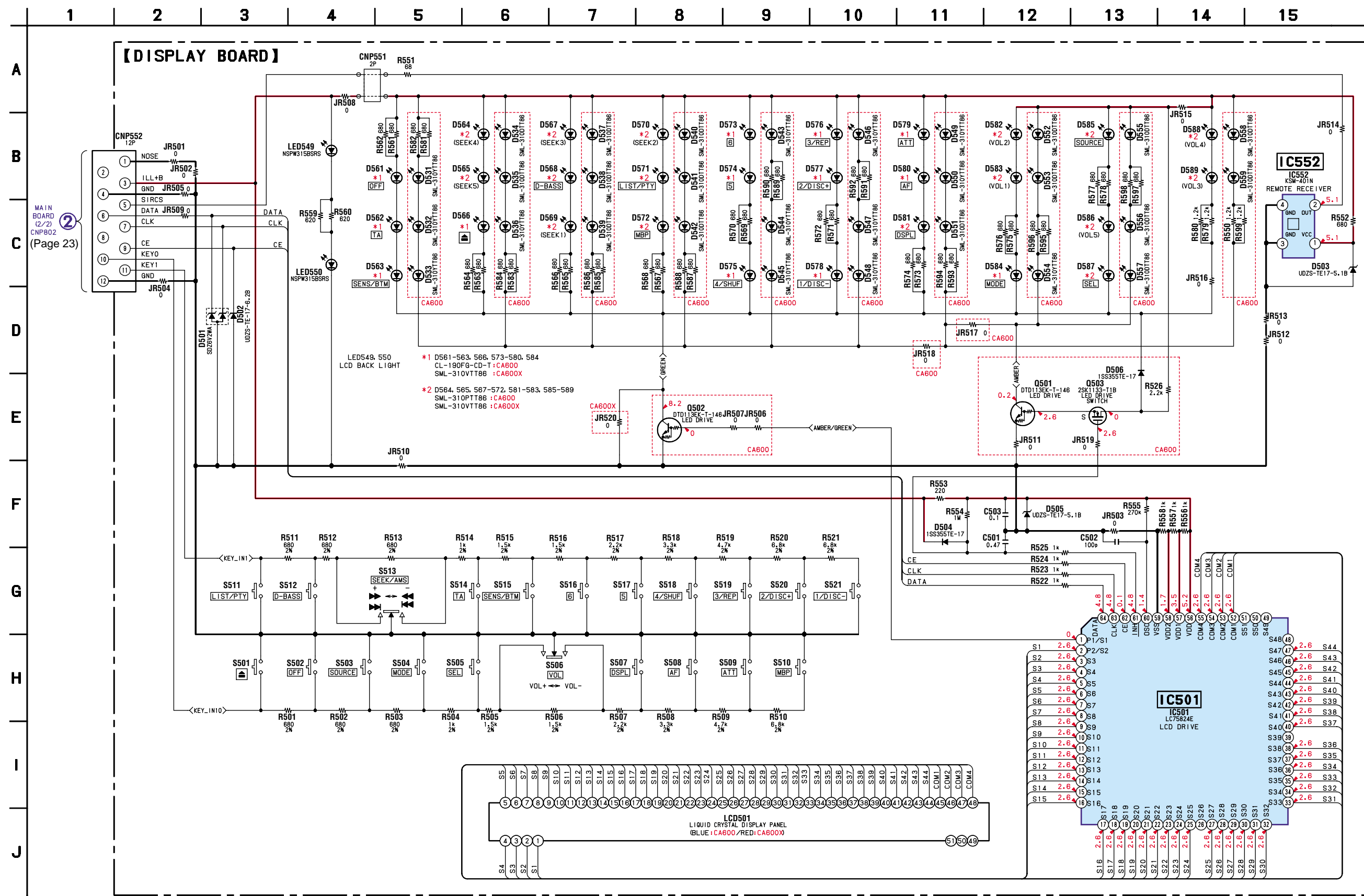
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D501	G-4	(D536)	D-1	(D547)	B-9	(D558)	B-13	D570	C-2	D581	C-12	IC552	B-12
D502	G-5	(D537)	C-1	(D548)	B-10	(D559)	B-13	D571	C-3	D582	C-13		
D503	B-12	(D538)	C-2	(D549)	B-11	D561	A-2	D572	C-3	D583	C-13	LED549	G-4
D504	G-4	(D539)	C-2	(D550)	B-11	D562	B-2	D573	B-5	D584	D-13	LED550	G-11
D505	G-4	(D540)	B-2	(D551)	C-11	D563	B-4	D574	B-6	D585	C-13		
(D506)	D-13	(D541)	C-3	(D552)	C-13	D564	C-1	D575	B-7	D586	C-12	(Q501)	D-12
(D531)	B-2	(D542)	C-3	(D553)	C-13	D565	C-2	D576	B-8	D587	C-11	(Q502)	D-2
(D532)	B-3	(D543)	B-5	(D554)	D-13	D566	D-2	D577	B-9	D588	C-12	(Q503)	D-12
(D533)	B-4	(D544)	B-6	(D555)	C-13	D567	B-2	D578	B-10	D589	B-13		
(D534)	C-1	(D545)	B-7	(D556)	D-12	D568	C-2	D579	B-11				
(D535)	C-1	(D546)	B-8	(D557)	C-12	D569	C-2	D580	B-12	IC501	H-7		

( ): CDX-CA600 only



3-12. SCHEMATIC DIAGRAM — DISPLAY SECTION —

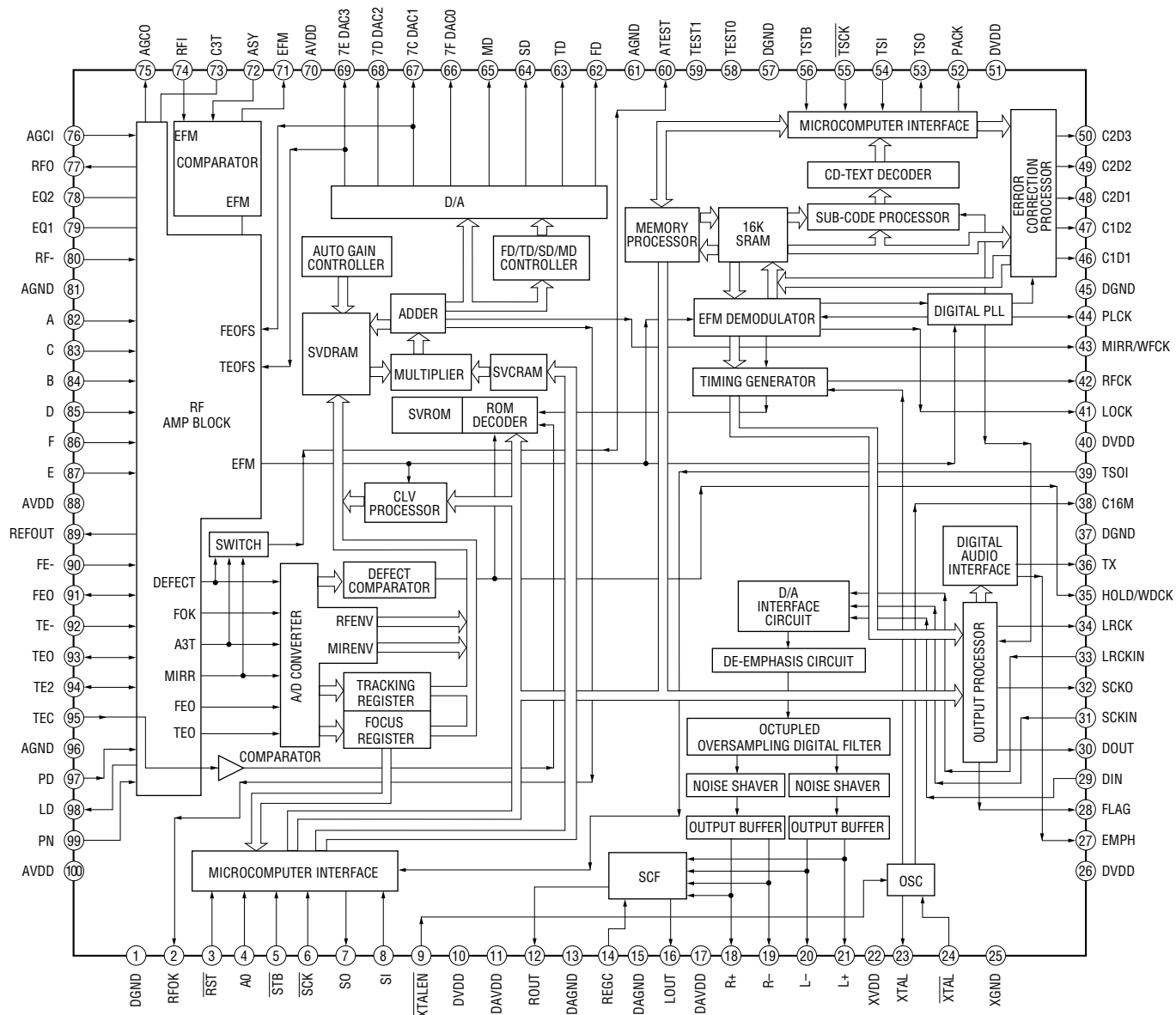


**Note:**

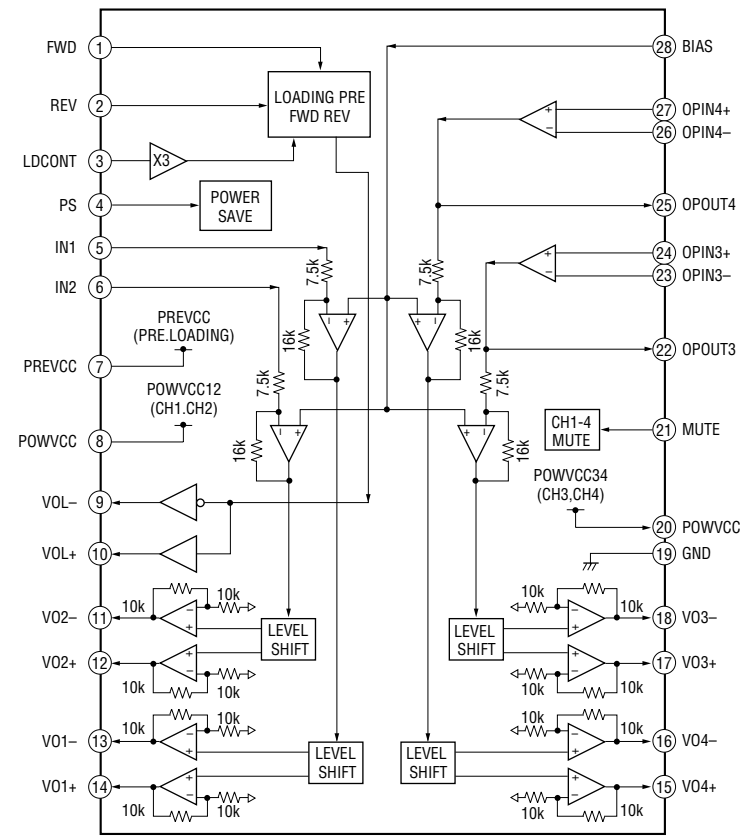
- Voltage is dc with respect to gsm under no-signal (detuned) condition.
- no mark : FM

• IC BLOCK DIAGRAMS

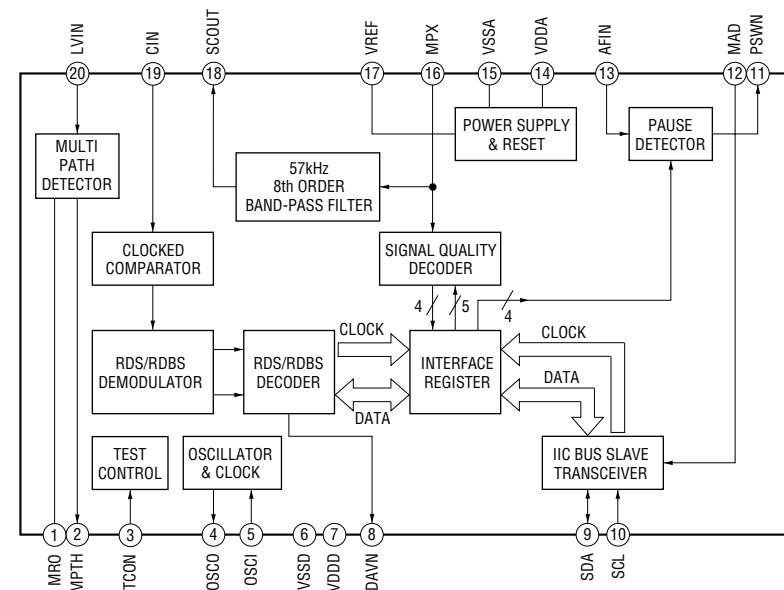
IC1  $\mu$ PD63711GC-8EU



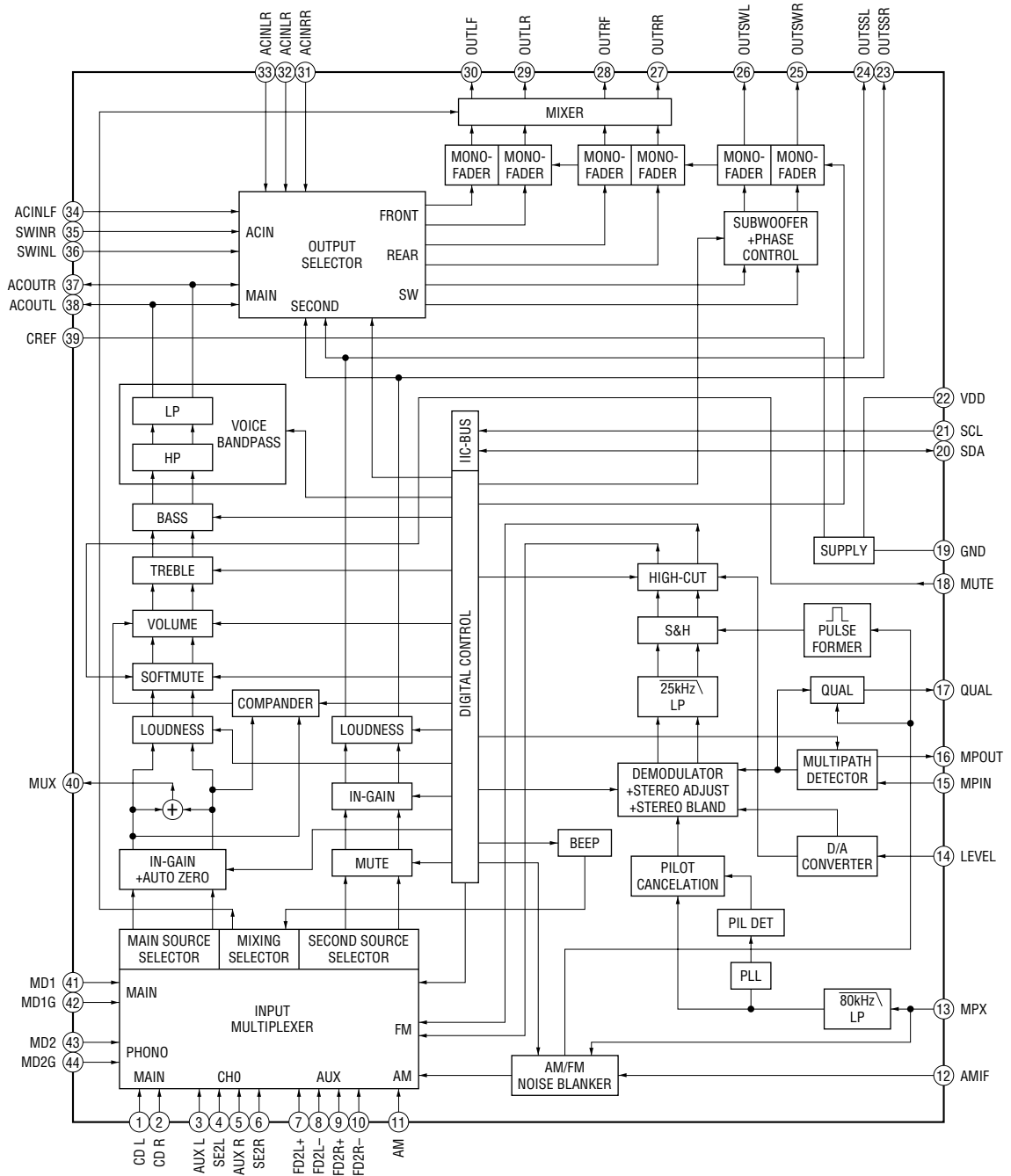
IC2 BA5810FP-E2



IC601 SAA6588T-118



IC402 TDA7402TR



## SECTION 4 EXPLODED VIEWS

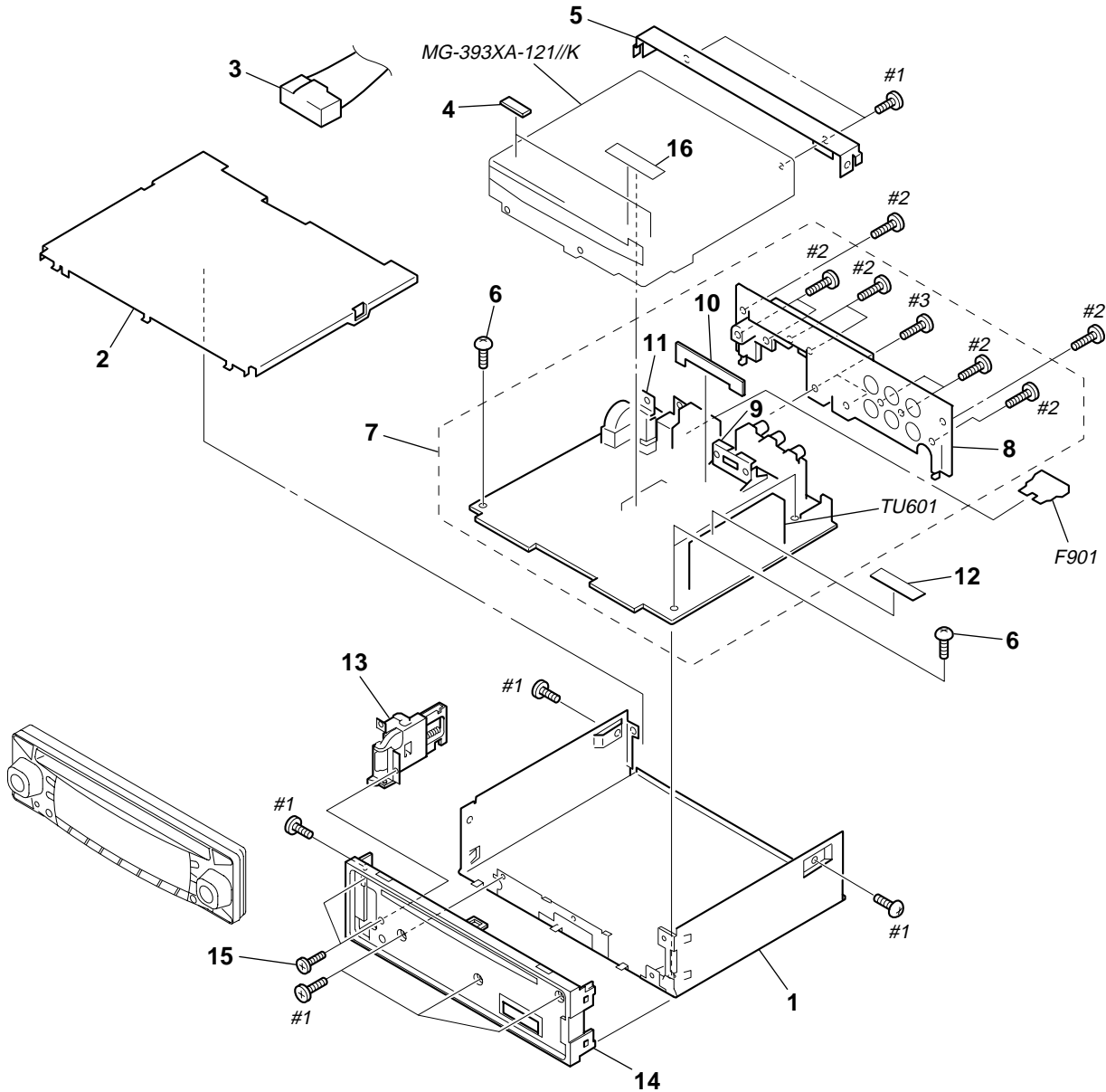
**NOTE:**

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

- Color Indication of Appearance Parts  
 Example :  
 KNOB, BALANCE (WHITE) ... (RED)  
 ↑                                    ↑  
 Parts Color    Cabinet’s Color
- Accessories are given in the last of this parts list.

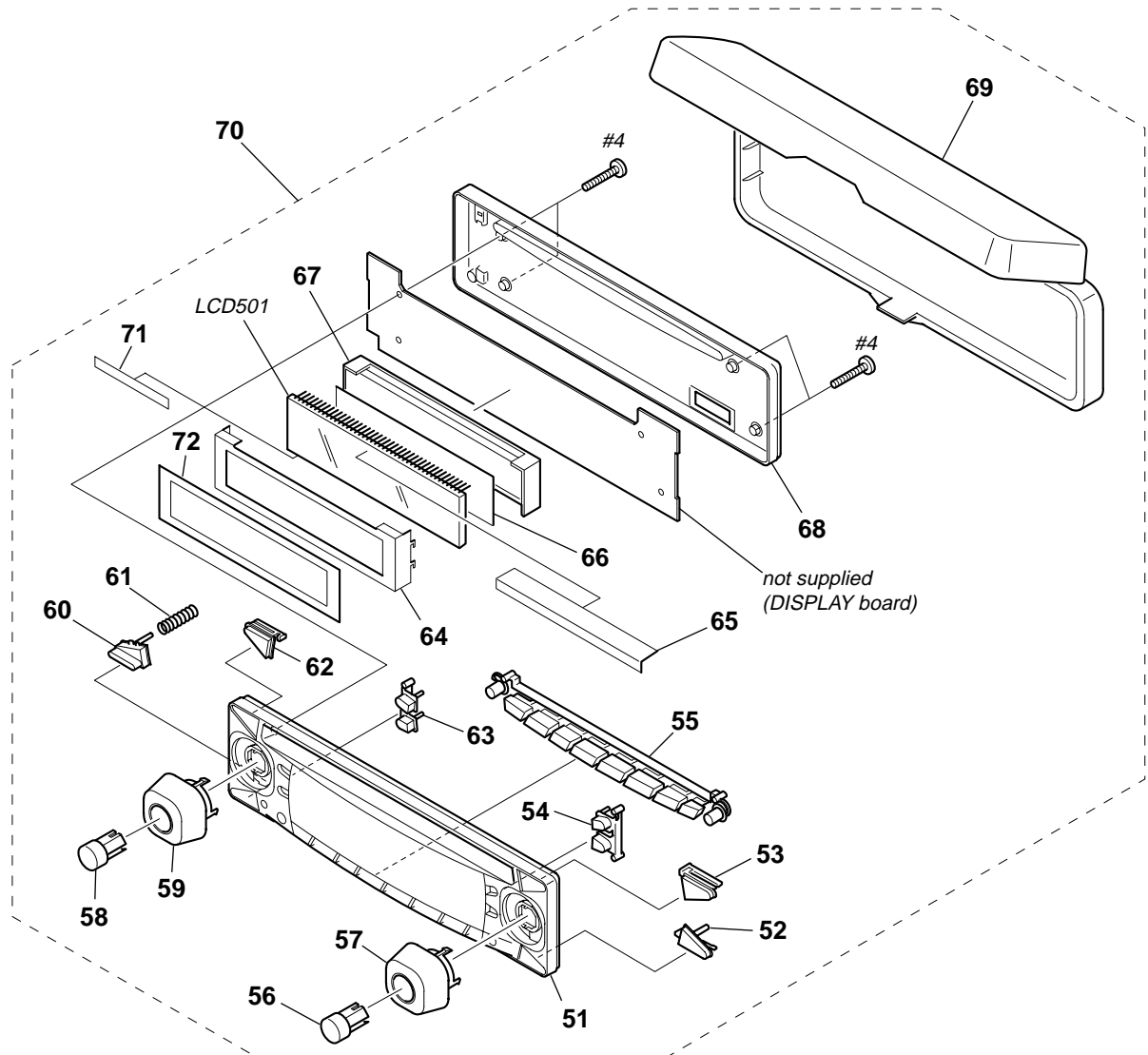
The components identified by mark  $\triangle$  or dotted line with mark  $\triangle$  are critical for safety. Replace only with part number specified.

### 4-1. CHASSIS SECTION



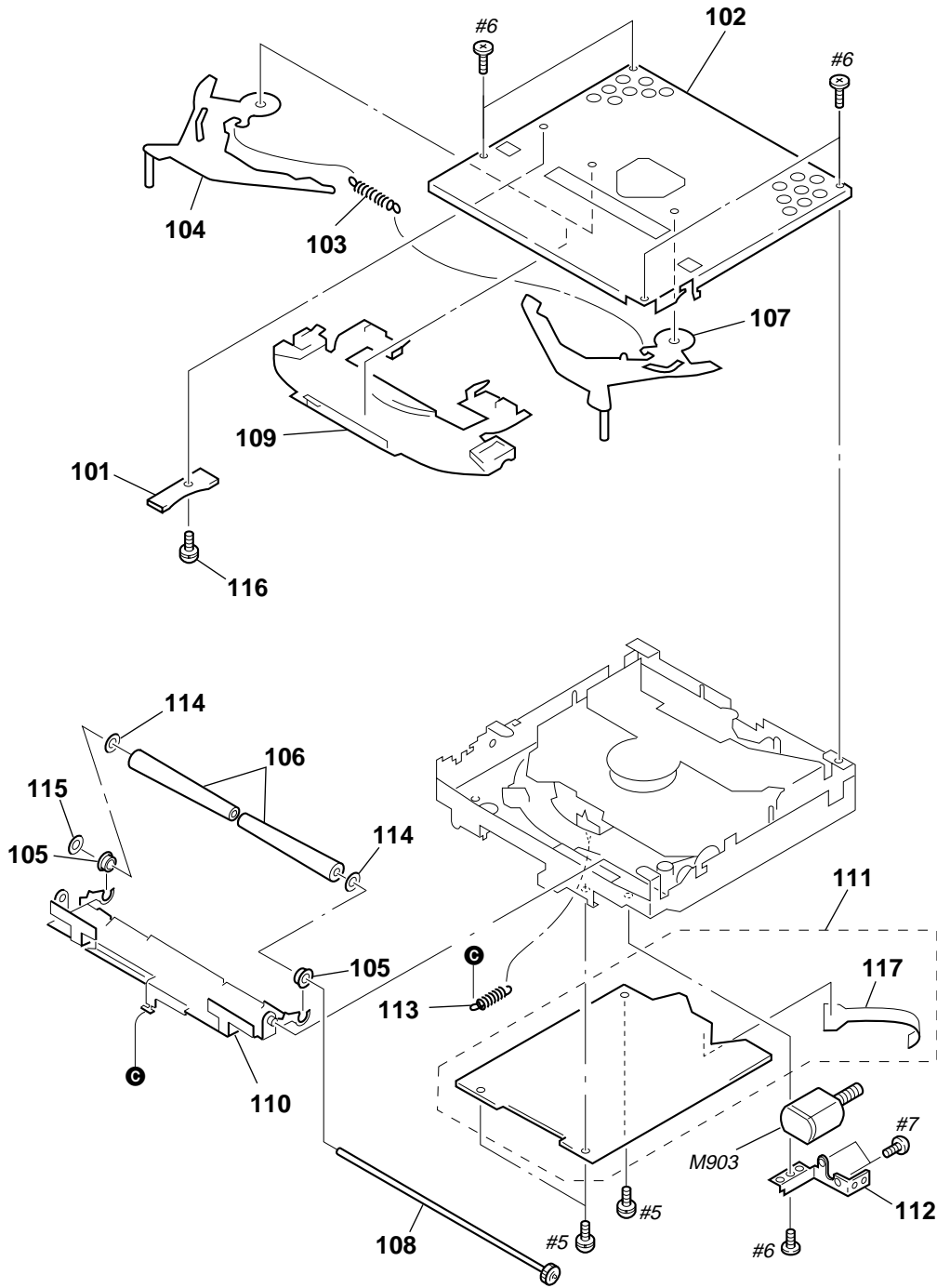
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
* 1	3-224-612-01	CHASSIS (CD)		10	1-683-930-11	SPEAKER BOARD	
2	3-224-309-21	COVER		11	3-041-261-11	BRACKET (TR)	
3	1-776-207-82	CORD (WITH CONNECTOR) (POWER) (E)		* 12	3-048-259-01	SHEET (E)	
3	1-776-527-61	CORD (WITH CONNECTOR) (ISO) (POWER)	(AEP,UK)	13	X-3380-594-3	LOCK ASSY (S)	
* 4	3-024-285-01	CUSHION (RUBBER)		14	X-3381-269-1	PANEL (1) ASSY, SUB	
* 5	3-041-173-11	BRACKET (CD)		15	3-231-472-01	SCREW (+B 2X4)	
6	3-922-535-11	SCREW (+BTT)		16	3-223-913-11	LABEL (OP CAUTION)	
7	A-3283-260-A	MAIN BOARD, COMPLETE (CA600)		F901	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) 10A	
7	A-3283-288-A	MAIN BOARD, COMPLETE (CA600X)		TU601	A-3220-812-A	TUNER UNIT (TUX-020)	
8	3-236-932-01	HEAT SINK (6 PIN)		#1	7-685-792-09	SCREW +PTT 2.6X6 (S)	
* 9	3-019-565-01	BRACKET (IC)		#2	7-685-793-09	SCREW +PTT 2.6X8 (S)	
				#3	7-685-795-09	SCREW +PTT 2.6X12 (S)	

4-2. FRONT PANEL SECTION



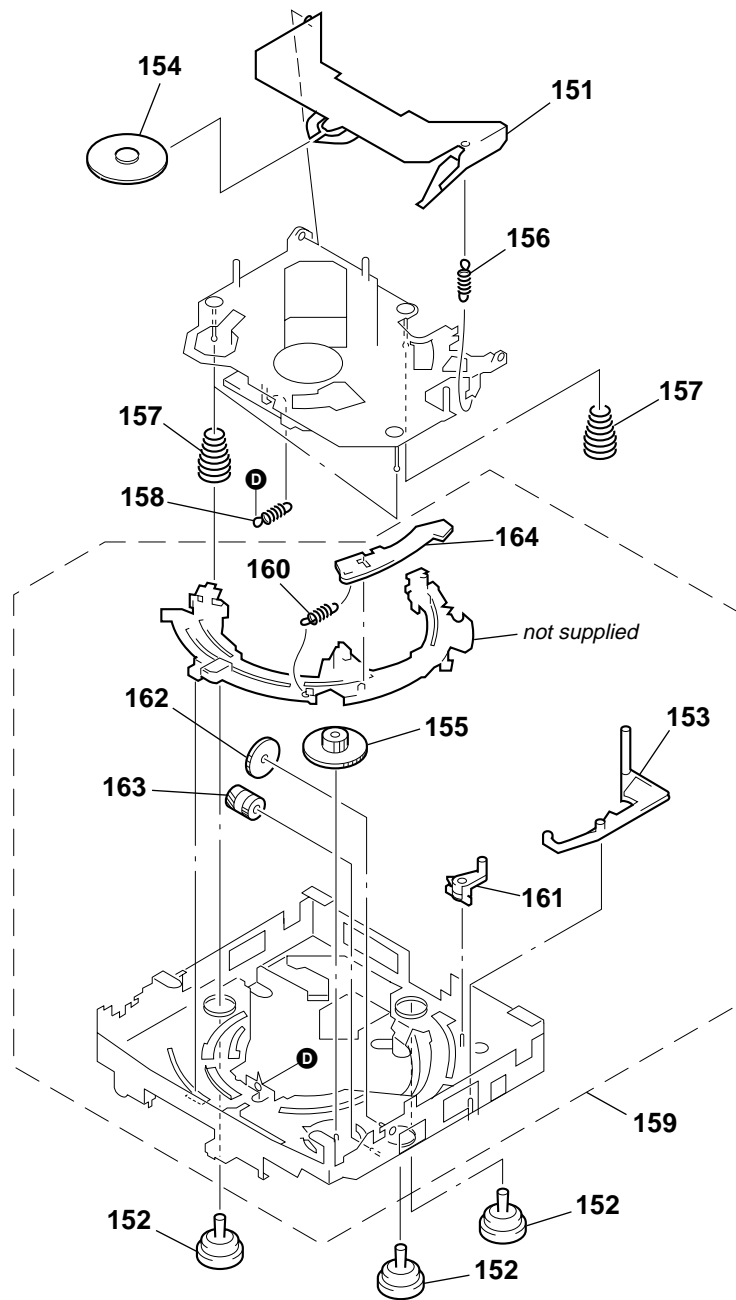
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-3381-643-1	PANEL (S) ASSY, FRONT (CA600)		64	3-236-921-01	PLATE (LCD), GROUND	
51	X-3381-644-1	PANEL (S) ASSY, FRONT (CA600X)		* 65	3-229-751-01	SHEET (LCD.UP)	
52	3-236-909-01	BUTTON (OFF)		66	3-236-920-01	SHEET (LCD), DIFFUSION	
53	3-236-912-01	BUTTON (EJECT)		67	X-3381-357-1	HOLDER (LCD) ASSY	
54	3-236-908-11	BUTTON (MBP)		68	3-236-902-01	PANEL, FRONT BACK	
55	3-236-910-11	BUTTON (1-6)		69	X-3380-054-2	CASE ASSY (for FRONT PANEL)	
56	3-236-905-01	BUTTON (D-BASS)		70	A-3337-076-A	PANEL COMPLETE ASSY, FRONT (CA600)	
57	X-3381-356-1	RING (SEEK) ASSY		70	A-3337-077-A	PANEL COMPLETE ASSY, FRONT (CA600X)	
58	3-236-904-01	BUTTON (SOURCE)		* 71	3-227-293-01	SHEET (LCD)	
59	X-3381-355-1	RING (VOL) ASSY		72	3-236-926-01	CUSHION (LCD)	
60	3-236-911-01	BUTTON (RELEASE)		LCD501	1-804-623-11	DISPLAY PANEL, LIQUID CRYSTAL (CA600)	
61	3-229-774-01	SPRING (RELEASE)		LCD501	1-804-623-21	DISPLAY PANEL, LIQUID CRYSTAL (CA600X)	
62	3-236-907-01	BUTTON (MODE)		#4	7-685-106-19	SCREW +P 2X10 TYPE2 NON-SLIT	
63	3-236-906-01	BUTTON (SEL)					

4-3. CD MECHANISM SECTION (1)  
(MG-393XA-121//K)



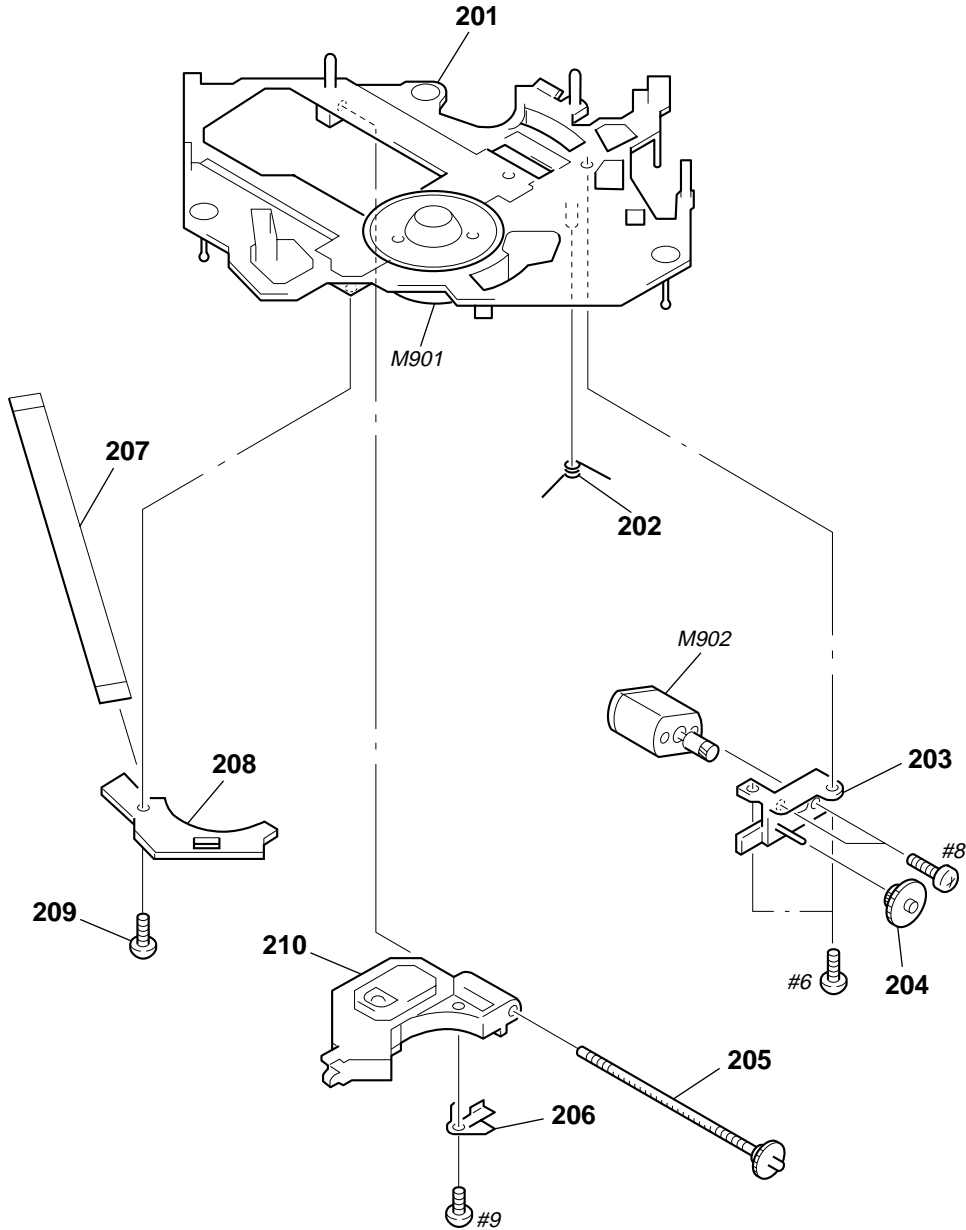
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	1-683-283-11	IN SELF SW BOARD		112	3-221-779-01	BRACKET (MOTOR)	
102	3-040-039-02	CHASSIS (T)		113	3-040-034-01	SPRING (RA), TENSION	
103	3-040-038-01	SPRING (LR), TENSION		114	3-040-042-01	WASHER	
104	3-040-050-01	LEVER (L)		115	3-043-880-01	RING (RA), RETAINING	
105	3-040-022-01	RETAINER (ROLLER), SHAFT		116	3-044-206-11	SCREW, SPECIAL	
106	3-040-044-01	ROLLER (S)		117	1-683-284-11	FLEXIBLE BOARD	
107	3-040-067-01	LEVER (R)		M903	A-3315-039-A	MOTOR SUB ASSY, LO (LOADING)	
108	A-3301-980-A	SHAFT ROLLER ASSY		#5	7-628-253-00	SCREW, SPECIAL	
109	3-040-037-01	GUIDE (DISC)		#6	7-627-553-37	SCREW, PRECISION +P 2X3 TYPE3	
110	3-040-040-02	ARM (ROLLER)		#7	7-627-553-17	SCREW, PRECISION +P 2X2 TYPE3	
111	A-3283-233-A	SERVO BOARD, COMPLETE					

4-4. CD MECHANISM SECTION (2)  
(MG-393XA-121//K)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	3-040-025-01	ARM, CHUCKING		158	3-040-033-01	SPRING (KF1), TENSION	
152	3-040-031-01	DAMPER (T)		159	A-3307-422-A	CHASSIS (M) COMPLETE ASSY	
153	3-040-056-01	LEVER (D)		160	3-040-059-01	SPRING (TR), TENSION	
154	3-040-024-01	RETAINER (DISC)		161	3-040-057-01	LEVER (LOCK)	
155	3-040-054-01	WHEEL (LW), WORM		162	3-040-058-01	GEAR (MDL)	
156	3-040-026-01	SPRING (CH), TENSION		163	3-040-052-01	WHEEL (U), WORM	
157	3-040-032-01	SPRING (FL), COMPRESSION		164	3-040-051-02	LEVER (TR)	

4-5. CD MECHANISM SECTION (3)  
(MG-393XA-121//K)



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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
201	X-3378-480-1	CHASSIS (OP) ASSY (including M901)		208	1-683-282-11	SL SW BOARD	
202	3-040-029-01	SPRING (SL), TORSION		209	3-909-607-01	SCREW	
203	3-040-045-01	BASE (DRIVING)		$\Delta$ 210	8-820-103-11	PICK-UP, OPTICAL KSS-720A/C-RP	
204	3-040-194-01	GEAR (MIDWAY)		M902	A-3301-985-A	MOTOR ASSY, SLED (SLED)	
205	A-3301-983-A	SHAFT (FEED) ASSY		#6	7-627-553-37	SCREW, PRECISION +P 2X3 TYPE3	
206	3-040-030-01	SPRING (FEED), PLATE		#8	7-627-850-28	SCREW, PRECISION +P 1.4X3	
207	1-823-641-11	CABLE, FLEXIBLE FLAT (6 CORE)		#9	7-685-780-01	SCREW +PTT 2X3 (S)	



## SECTION 5 ELECTRICAL PARTS LIST

DISPLAY

## 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.
- RESISTORS  
All resistors are in ohms.  
METAL: Metal-film resistor.  
METAL OXIDE: Metal oxide-film resistor.  
F: nonflammable

- Items marked “\*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS  
In each case, u :  $\mu$ , for example:  
uA.. :  $\mu$ A.. uPA.. :  $\mu$ PA..  
uPB.. :  $\mu$ PB.. uPC.. :  $\mu$ PC.. uPD.. :  $\mu$ PD..
- CAPACITORS  
uF :  $\mu$ F
- COILS  
uH :  $\mu$ H

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.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		DISPLAY BOARD *****		D552	8-719-053-08	LED SML-310DTT86 (VOL2) (CA600)	
				D553	8-719-053-08	LED SML-310DTT86 (VOL1) (CA600)	
				D554	8-719-077-34	LED SML-310YTT86 (MODE) (CA600)	
*	3-227-293-01	SHEET (LCD)		D555	8-719-053-08	LED SML-310DTT86 (SOURCE) (CA600)	
*	3-229-751-01	SHEET (LCD,UP)		D556	8-719-053-08	LED SML-310DTT86 (VOL5) (CA600)	
	3-236-920-01	SHEET (LCD), DIFFUSION					
	3-236-921-01	PLATE (LCD), GROUND					
		< CAPACITOR >		D557	8-719-053-08	LED SML-310DTT86 (SEL) (CA600)	
C501	1-117-863-11	CERAMIC CHIP 0.47uF	10% 6.3V	D558	8-719-053-08	LED SML-310DTT86 (VOL4) (CA600)	
C502	1-162-927-11	CERAMIC CHIP 100PF	5% 50V	D559	8-719-053-08	LED SML-310DTT86 (VOL3) (CA600)	
C503	1-164-156-11	CERAMIC CHIP 0.1uF	25V	D561	8-719-038-05	LED CL-190FG-CD-T (OFF) (CA600)	
		< CONNECTOR >		D561	8-719-053-09	LED SML-310VTT86 (OFF) (CA600X)	
* CNP551	1-779-131-11	PIN, CONNECTOR 2P		D562	8-719-038-05	LED CL-190FG-CD-T (TA) (CA600)	
CNP552	1-794-312-21	PIN, CONNECTOR 12P		D562	8-719-053-09	LED SML-310VTT86 (TA) (CA600X)	
		< DIODE >		D563	8-719-038-05	LED CL-190FG-CD-T (SENS/BTM) (CA600)	
D501	8-719-068-68	DIODE SDZ6V2WA		D563	8-719-053-09	LED SML-310VTT86 (SENS/BTM) (CA600X)	
D502	8-719-069-56	DIODE UDZS-TE-17-6.2B		D564	8-719-053-09	LED SML-310VTT86 (SEEK4) (CA600X)	
D503	8-719-069-54	DIODE UDZS-TE-17-5.1B					
D504	8-719-988-61	DIODE 1SS355TE-17		D564	8-719-078-21	LED SML-310PTT86 (SEEK4) (CA600)	
D505	8-719-069-54	DIODE UDZS-TE-17-5.1B		D565	8-719-053-09	LED SML-310VTT86 (SEEK5) (CA600X)	
				D565	8-719-078-21	LED SML-310PTT86 (SEEK5) (CA600)	
D506	8-719-988-61	DIODE 1SS355TE-17 (CA600)		D566	8-719-038-05	LED CL-190FG-CD-T ( $\triangle$ ) (CA600)	
D531	8-719-077-34	LED SML-310YTT86 (OFF) (CA600)		D566	8-719-053-09	LED SML-310VTT86 ( $\triangle$ ) (CA600X)	
D532	8-719-077-34	LED SML-310YTT86 (TA) (CA600)					
D533	8-719-077-34	LED SML-310YTT86 (SENS/BTM) (CA600)		D567	8-719-053-09	LED SML-310VTT86 (SEEK3) (CA600X)	
D534	8-719-053-08	LED SML-310DTT86 (SEEK4) (CA600)		D567	8-719-078-21	LED SML-310PTT86 (SEEK3) (CA600)	
				D568	8-719-053-09	LED SML-310VTT86 (D-BASS) (CA600X)	
D535	8-719-053-08	LED SML-310DTT86 (SEEK5) (CA600)		D568	8-719-078-21	LED SML-310PTT86 (D-BASS) (CA600)	
D536	8-719-077-34	LED SML-310YTT86 ( $\blacktriangle$ ) (CA600)		D569	8-719-053-09	LED SML-310VTT86 (SEEK1) (CA600X)	
D537	8-719-053-08	LED SML-310DTT86 (SEEK3) (CA600)					
D538	8-719-053-08	LED SML-310DTT86 (D-BASS) (CA600)		D569	8-719-078-21	LED SML-310PTT86 (SEEK1) (CA600)	
D539	8-719-053-08	LED SML-310DTT86 (SEEK1) (CA600)		D570	8-719-053-09	LED SML-310VTT86 (SEEK2) (CA600X)	
				D570	8-719-078-21	LED SML-310PTT86 (SEEK2) (CA600)	
D540	8-719-053-08	LED SML-310DTT86 (SEEK2) (CA600)		D571	8-719-053-09	LED SML-310VTT86 (LIST/PTY) (CA600X)	
D541	8-719-053-08	LED SML-310DTT86 (LIST/PTY) (CA600)		D571	8-719-078-21	LED SML-310PTT86 (LIST/PTY) (CA600)	
D542	8-719-053-08	LED SML-310DTT86 (MBP) (CA600)					
D543	8-719-077-34	LED SML-310YTT86 (6) (CA600)		D572	8-719-053-09	LED SML-310VTT86 (MBP) (CA600X)	
D544	8-719-077-34	LED SML-310YTT86 (5) (CA600)		D572	8-719-078-21	LED SML-310PTT86 (MBP) (CA600)	
				D573	8-719-038-05	LED CL-190FG-CD-T (6) (CA600)	
D545	8-719-077-34	LED SML-310YTT86 (4/SHUF) (CA600)		D573	8-719-053-09	LED SML-310VTT86 (6) (CA600X)	
D546	8-719-077-34	LED SML-310YTT86 (3/REP) (CA600)		D574	8-719-038-05	LED CL-190FG-CD-T (5) (CA600)	
D547	8-719-077-34	LED SML-310YTT86 (2/DISC +) (CA600)					
D548	8-719-077-34	LED SML-310YTT86 (1/DISC -) (CA600)		D574	8-719-053-09	LED SML-310VTT86 (5) (CA600X)	
D549	8-719-077-34	LED SML-310YTT86 (ATT) (CA600)		D575	8-719-038-05	LED CL-190FG-CD-T (4/SHUF) (CA600)	
				D575	8-719-053-09	LED SML-310VTT86 (4/SHUF) (CA600X)	
D550	8-719-077-34	LED SML-310YTT86 (AF) (CA600)		D576	8-719-038-05	LED CL-190FG-CD-T (3/REP) (CA600)	
D551	8-719-053-08	LED SML-310DTT86 (DSPL) (CA600)		D576	8-719-053-09	LED SML-310VTT86 (3/REP) (CA600X)	
				D577	8-719-038-05	LED CL-190FG-CD-T (2/DISC +) (CA600)	
				D577	8-719-053-09	LED SML-310VTT86 (2/DISC +) (CA600X)	
				D578	8-719-038-05	LED CL-190FG-CD-T (1/DISC -) (CA600)	
				D578	8-719-053-09	LED SML-310VTT86 (1/DISC -) (CA600X)	
				D579	8-719-038-05	LED CL-190FG-CD-T (ATT) (CA600)	

# CDX-CA600/CA600X

## DISPLAY

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
D579	8-719-053-09	LED SML-310VTT86 (ATT) (CA600X)				< LIQUID CRYSTAL DISPLAY >	
D580	8-719-038-05	LED CL-190FG-CD-T (AF) (CA600)					
D580	8-719-053-09	LED SML-310VTT86 (AF) (CA600X)		LCD501	1-804-623-11	DISPLAY PANEL, LIQUID CRYSTAL (CA600)	
D581	8-719-053-09	LED SML-310VTT86 (DSPL) (CA600X)		LCD501	1-804-623-21	DISPLAY PANEL, LIQUID CRYSTAL (CA600X)	
D581	8-719-078-21	LED SML-310PTT86 (DSPL) (CA600)				< DIODE >	
D582	8-719-053-09	LED SML-310VTT86 (VOL2) (CA600X)					
D582	8-719-078-21	LED SML-310PTT86 (VOL2) (CA600)		LED549	6-500-083-01	LED NSPW315BSRS (LCD BACK LIGHT)	
D583	8-719-053-09	LED SML-310VTT86 (VOL1) (CA600X)		LED550	6-500-083-01	LED NSPW315BSRS (LCD BACK LIGHT)	
D583	8-719-078-21	LED SML-310PTT86 (VOL1) (CA600)				< TRANSISTOR >	
D584	8-719-038-05	LED CL-190FG-CD-T (MODE) (CA600)					
D584	8-719-053-09	LED SML-310VTT86 (MODE) (CA600X)		Q501	8-729-904-66	TRANSISTOR DTD113EK-T-146 (CA600)	
D585	8-719-053-09	LED SML-310VTT86 (SOURCE) (CA600X)		Q502	8-729-904-66	TRANSISTOR DTD113EK-T-146 (CA600)	
D585	8-719-078-21	LED SML-310PTT86 (SOURCE) (CA600)		Q503	8-729-144-85	FET 2SK1133 (CA600)	
D586	8-719-053-09	LED SML-310VTT86 (VOL5) (CA600X)				< RESISTOR >	
D586	8-719-078-21	LED SML-310PTT86 (VOL5) (CA600)					
D587	8-719-053-09	LED SML-310VTT86 (SEL) (CA600X)		R501	1-219-286-11	RES-CHIP 680 2%	1/16W
D587	8-719-078-21	LED SML-310PTT86 (SEL) (CA600)		R502	1-219-286-11	RES-CHIP 680 2%	1/16W
D588	8-719-053-09	LED SML-310VTT86 (VOL4) (CA600X)		R503	1-219-286-11	RES-CHIP 680 2%	1/16W
D588	8-719-078-21	LED SML-310PTT86 (VOL4) (CA600)		R504	1-218-847-11	RES-CHIP 1K 2%	1/16W
D589	8-719-053-09	LED SML-310VTT86 (VOL3) (CA600X)		R505	1-218-851-11	RES-CHIP 1.5K 2%	1/16W
D589	8-719-078-21	LED SML-310PTT86 (VOL3) (CA600)		R506	1-218-851-11	RES-CHIP 1.5K 2%	1/16W
		< IC >		R507	1-218-855-11	RES-CHIP 2.2K 2%	1/16W
IC501	8-759-366-34	IC LC75824E		R508	1-218-859-11	RES-CHIP 3.3K 2%	1/16W
IC552	8-749-017-35	IC KSM-401N		R509	1-218-863-11	RES-CHIP 4.7K 2%	1/16W
		< JUMPER RESISTOR >		R510	1-218-867-11	RES-CHIP 6.8K 2%	1/16W
JR501	1-216-864-11	METAL CHIP 0 5%	1/16W	R511	1-219-286-11	RES-CHIP 680 2%	1/16W
JR502	1-216-864-11	METAL CHIP 0 5%	1/16W	R512	1-219-286-11	RES-CHIP 680 2%	1/16W
JR503	1-216-864-11	METAL CHIP 0 5%	1/16W	R513	1-219-286-11	RES-CHIP 680 2%	1/16W
JR504	1-216-864-11	METAL CHIP 0 5%	1/16W	R514	1-218-847-11	RES-CHIP 1K 2%	1/16W
JR505	1-216-864-11	METAL CHIP 0 5%	1/16W	R515	1-218-851-11	RES-CHIP 1.5K 2%	1/16W
JR506	1-216-295-11	SHORT 0	(CA600)	R516	1-218-851-11	RES-CHIP 1.5K 2%	1/16W
JR507	1-216-864-11	METAL CHIP 0 5%	1/16W (CA600)	R517	1-218-855-11	RES-CHIP 2.2K 2%	1/16W
JR508	1-216-864-11	METAL CHIP 0 5%	1/16W	R518	1-218-859-11	RES-CHIP 3.3K 2%	1/16W
JR509	1-216-864-11	METAL CHIP 0 5%	1/16W	R519	1-218-863-11	RES-CHIP 4.7K 2%	1/16W
JR510	1-216-864-11	METAL CHIP 0 5%	1/16W	R520	1-218-867-11	RES-CHIP 6.8K 2%	1/16W
JR511	1-216-864-11	METAL CHIP 0 5%	1/16W (CA600)	R521	1-218-867-11	RES-CHIP 6.8K 2%	1/16W
JR512	1-216-295-11	SHORT 0		R522	1-216-821-11	METAL CHIP 1K 5%	1/16W
JR513	1-216-864-11	METAL CHIP 0 5%	1/16W	R523	1-216-821-11	METAL CHIP 1K 5%	1/16W
JR514	1-216-295-11	SHORT 0		R524	1-216-821-11	METAL CHIP 1K 5%	1/16W
JR515	1-216-864-11	METAL CHIP 0 5%	1/16W	R525	1-216-821-11	METAL CHIP 1K 5%	1/16W
JR516	1-216-295-11	SHORT 0		R526	1-216-825-11	METAL CHIP 2.2K 5%	1/16W (CA600)
JR517	1-216-864-11	METAL CHIP 0 5%	1/16W (CA600)	R550	1-216-822-11	METAL CHIP 1.2K 5%	1/16W (CA600)
JR518	1-216-295-11	SHORT 0	(CA600)	R551	1-216-807-11	METAL CHIP 68 5%	1/16W
JR519	1-216-864-11	METAL CHIP 0 5%	1/16W (CA600)	R552	1-216-819-11	METAL CHIP 680 5%	1/16W
JR520	1-216-864-11	METAL CHIP 0 5%	1/16W (CA600X)	R553	1-216-813-11	METAL CHIP 220 5%	1/16W
				R554	1-216-857-11	METAL CHIP 1M 5%	1/16W
				R555	1-216-850-11	METAL CHIP 270K 5%	1/16W
				R556	1-216-821-11	METAL CHIP 1K 5%	1/16W
				R557	1-216-821-11	METAL CHIP 1K 5%	1/16W
				R558	1-216-821-11	METAL CHIP 1K 5%	1/16W
				R559	1-220-373-11	RES-CHIP 620 5%	1/16W

DISPLAY

IN SELF SW

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R560	1-220-373-11	RES-CHIP	620 5% 1/16W	R598	1-216-819-11	METAL CHIP 680 5% 1/16W	(CA600)
R561	1-216-819-11	METAL CHIP	680 5% 1/16W	R599	1-216-822-11	METAL CHIP 1.2K 5% 1/16W	(CA600)
R562	1-216-819-11	METAL CHIP	680 5% 1/16W			< SWITCH >	
R563	1-216-819-11	METAL CHIP	680 5% 1/16W	S501	1-572-704-31	SWITCH, KEYBOARD (▲)	
R564	1-216-819-11	METAL CHIP	680 5% 1/16W	S502	1-572-704-31	SWITCH, KEYBOARD (OFF)	
R565	1-216-819-11	METAL CHIP	680 5% 1/16W	S503	1-572-704-31	SWITCH, KEYBOARD (SOURCE)	
R566	1-216-819-11	METAL CHIP	680 5% 1/16W	S504	1-572-704-31	SWITCH, KEYBOARD (MODE)	
R567	1-216-819-11	METAL CHIP	680 5% 1/16W	S505	1-572-704-31	SWITCH, KEYBOARD (SEL)	
R568	1-216-819-11	METAL CHIP	680 5% 1/16W	S506	1-771-290-11	SWITCH, SLIDE (VOL)	
R569	1-216-819-11	METAL CHIP	680 5% 1/16W	S507	1-572-704-31	SWITCH, KEYBOARD (DSPL)	
R570	1-216-819-11	METAL CHIP	680 5% 1/16W	S508	1-572-704-31	SWITCH, KEYBOARD (AF)	
R571	1-216-819-11	METAL CHIP	680 5% 1/16W	S509	1-572-704-31	SWITCH, KEYBOARD (ATT)	
R572	1-216-819-11	METAL CHIP	680 5% 1/16W	S510	1-572-704-31	SWITCH, KEYBOARD (MBP)	
R573	1-216-819-11	METAL CHIP	680 5% 1/16W	S511	1-572-704-31	SWITCH, KEYBOARD (LIST/PTY)	
R574	1-216-819-11	METAL CHIP	680 5% 1/16W	S512	1-572-704-31	SWITCH, KEYBOARD (D-BASS)	
R575	1-216-819-11	METAL CHIP	680 5% 1/16W	S513	1-771-290-11	SWITCH, SLIDE (SEEK/AMS)	
R576	1-216-819-11	METAL CHIP	680 5% 1/16W	S514	1-572-704-31	SWITCH, KEYBOARD (TA)	
R577	1-216-819-11	METAL CHIP	680 5% 1/16W	S515	1-572-704-31	SWITCH, KEYBOARD (SENS/BTM)	
R578	1-216-819-11	METAL CHIP	680 5% 1/16W	S516	1-572-704-31	SWITCH, KEYBOARD (6)	
R579	1-216-822-11	METAL CHIP	1.2K 5% 1/16W	S517	1-572-704-31	SWITCH, KEYBOARD (5)	
R580	1-216-822-11	METAL CHIP	1.2K 5% 1/16W	S518	1-572-704-31	SWITCH, KEYBOARD (4/SHUF)	
R581	1-216-819-11	METAL CHIP	680 5% 1/16W	S519	1-572-704-31	SWITCH, KEYBOARD (3/REP)	
R582	1-216-819-11	METAL CHIP	680 5% 1/16W	S520	1-572-704-31	SWITCH, KEYBOARD (2/DISC +)	
R583	1-216-819-11	METAL CHIP	680 5% 1/16W	S521	1-572-704-31	SWITCH, KEYBOARD (1/DISC -)	
R584	1-216-819-11	METAL CHIP	680 5% 1/16W			*****	
R585	1-216-819-11	METAL CHIP	680 5% 1/16W		1-683-283-11	IN SELF SW BOARD	
R586	1-216-819-11	METAL CHIP	680 5% 1/16W			*****	
R587	1-216-819-11	METAL CHIP	680 5% 1/16W			< SWITCH >	
R588	1-216-819-11	METAL CHIP	680 5% 1/16W	SW2	1-529-566-31	SWITCH, PUSH (1 KEY) (SELF)	
R589	1-216-819-11	METAL CHIP	680 5% 1/16W	SW3	1-529-566-31	SWITCH, PUSH (1 KEY) (DISC IN)	
R590	1-216-819-11	METAL CHIP	680 5% 1/16W			*****	
R591	1-216-819-11	METAL CHIP	680 5% 1/16W		A-3283-260-A	MAIN BOARD, COMPLETE (including SPEAKER BOARD) (CA600)	
R592	1-216-819-11	METAL CHIP	680 5% 1/16W		A-3283-288-A	MAIN BOARD, COMPLETE (including SPEAKER BOARD) (CA600X)	
R593	1-216-819-11	METAL CHIP	680 5% 1/16W			*****	
R594	1-216-819-11	METAL CHIP	680 5% 1/16W	*	3-019-565-01	BRACKET (IC)	
R595	1-216-819-11	METAL CHIP	680 5% 1/16W		3-041-261-11	BRACKET (TR)	
R596	1-216-819-11	METAL CHIP	680 5% 1/16W		3-236-932-01	HEAT SINK (6 PIN)	
R597	1-216-819-11	METAL CHIP	680 5% 1/16W		7-685-793-09	SCREW +PTT 2.6X8 (S)	
					7-685-795-09	SCREW +PTT 2.6X12 (S)	
						< CAPACITOR >	
				C401	1-124-233-11	ELECT 10uF 20% 16V	
				C402	1-124-233-11	ELECT 10uF 20% 16V	
				C403	1-124-233-11	ELECT 10uF 20% 16V	
				C404	1-124-233-11	ELECT 10uF 20% 16V	

# CDX-CA600/CA600X

## MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C405	1-115-156-11	CERAMIC CHIP	1uF 10V	C712	1-124-584-00	ELECT	100uF 20% 10V
C406	1-115-156-11	CERAMIC CHIP	1uF 10V	C801	1-164-230-11	CERAMIC CHIP	220PF 5% 50V
C407	1-115-156-11	CERAMIC CHIP	1uF 10V	C802	1-164-315-11	CERAMIC CHIP	470PF 5% 50V
C408	1-115-156-11	CERAMIC CHIP	1uF 10V	C803	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C409	1-164-227-11	CERAMIC CHIP	0.022uF 10% 25V	C804	1-124-119-00	ELECT	330uF 20% 16V
C411	1-124-242-00	ELECT	33uF 20% 25V	C806	1-128-647-11	DOUBLE LAYERS	0.1F 5.5V
C412	1-124-233-11	ELECT	10uF 20% 16V	C807	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C416	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	C808	1-162-918-11	CERAMIC CHIP	18PF 5% 50V
C417	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	C809	1-162-918-11	CERAMIC CHIP	18PF 5% 50V
C418	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	C810	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V
C419	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	C811	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C420	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	C812	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C421	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	C814	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C601	1-162-918-11	CERAMIC CHIP	18PF 5% 50V	C815	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C602	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C816	1-124-635-00	ELECT	220uF 20% 6.3V
C604	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C901	1-135-473-21	ELECT	3300uF 20% 16V
C607	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C902	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C608	1-124-584-00	ELECT	100uF 20% 10V	C905	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C609	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	C906	1-216-864-11	METAL CHIP	0 5% 1/16W
C610	1-165-176-11	CERAMIC CHIP	0.047uF 10% 16V	C907	1-125-972-61	ELECT	100uF 20% 16V
C611	1-164-227-11	CERAMIC CHIP	0.022uF 10% 25V	C909	1-126-160-11	ELECT	1uF 20% 50V
C612	1-125-837-00	CERAMIC CHIP	1uF 10% 6.3V	C912	1-128-057-11	ELECT	330uF 20% 6.3V
C613	1-125-837-00	CERAMIC CHIP	1uF 10% 6.3V	C917	1-124-584-00	ELECT	100uF 20% 10V
C614	1-124-589-11	ELECT	47uF 20% 16V	C918	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C615	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	C920	1-124-584-00	ELECT	100uF 20% 10V
C616	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	< CONNECTOR >			
C617	1-162-924-11	CERAMIC CHIP	56PF 5% 50V	CNJ801	1-580-907-31	PLUG, CONNECTOR 2P (BUS CONTROL IN)	
C618	1-162-924-11	CERAMIC CHIP	56PF 5% 50V	CNP701	1-815-260-11	CONNECTOR, BOARD TO BOARD 30P	
C619	1-164-315-11	CERAMIC CHIP	470PF 5% 50V	CNP802	1-794-311-21	PLUG, CONNECTOR 12P	
C620	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	CNP901	1-774-701-11	PIN, CONNECTOR 16P	
C621	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	< JACK >			
C622	1-162-959-11	CERAMIC CHIP	330PF 5% 50V	CNP801	1-764-270-21	JACK, STEREO MINIATURE (DIA.3.5)	(REMOTE IN)
C623	1-125-838-11	CERAMIC CHIP	2.2uF 10% 6.3V	< DIODE >			
C624	1-164-739-11	CERAMIC CHIP	560PF 5% 50V	D601	8-719-987-69	DIODE DAN217	
C625	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	D602	8-719-069-54	DIODE UDZS-TE-17-5.1B	
C626	1-164-156-11	CERAMIC CHIP	0.1uF 25V	D801	8-719-110-49	DIODE RD18ES-B2	
C627	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	D802	8-719-069-56	DIODE UDZS-TE-17-6.2B	
C628	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	D804	8-719-058-24	DIODE RB501V-40TE-17	
C630	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	D805	8-719-056-93	DIODE UDZ-TE-17-18B	
C631	1-164-315-11	CERAMIC CHIP	470PF 5% 50V	D806	8-719-056-93	DIODE UDZ-TE-17-18B	
C632	1-162-915-11	CERAMIC CHIP	10PF 0.5PF 50V	D807	8-719-991-33	DIODE 1SS133T-77	
C633	1-125-891-11	CERAMIC CHIP	0.47uF 10% 10V	D809	8-719-988-61	DIODE 1SS355TE-17	
C634	1-165-176-11	CERAMIC CHIP	0.047uF 10% 16V	D811	8-719-109-97	DIODE RD6.8ES-B2	
C701	1-124-584-00	ELECT	100uF 20% 10V	D812	8-719-109-97	DIODE RD6.8ES-B2	
C702	1-164-156-11	CERAMIC CHIP	0.1uF 25V	D813	8-719-109-97	DIODE RD6.8ES-B2	
C703	1-125-891-11	CERAMIC CHIP	0.47uF 10% 10V	D814	8-719-109-97	DIODE RD6.8ES-B2	
C704	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	D815	8-719-109-97	DIODE RD6.8ES-B2	
C705	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	D816	8-719-109-97	DIODE RD6.8ES-B2	
C706	1-124-233-11	ELECT	10uF 20% 16V	D817	8-719-109-97	DIODE RD6.8ES-B2	
C707	1-125-837-00	CERAMIC CHIP	1uF 10% 6.3V				
C708	1-125-837-00	CERAMIC CHIP	1uF 10% 6.3V				
C709	1-125-837-00	CERAMIC CHIP	1uF 10% 6.3V				
C710	1-125-837-00	CERAMIC CHIP	1uF 10% 6.3V				

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
D901	8-719-200-82	DIODE 11ES2		< TRANSISTOR >			
D902	8-719-200-82	DIODE 11ES2		Q401	8-729-920-21	TRANSISTOR DTC314TK-T-146	
D903	8-719-200-82	DIODE 11ES2		Q402	8-729-920-21	TRANSISTOR DTC314TK-T-146	
D904	8-719-200-82	DIODE 11ES2		Q403	8-729-920-21	TRANSISTOR DTC314TK-T-146	
D905	8-719-200-82	DIODE 11ES2		Q404	8-729-920-21	TRANSISTOR DTC314TK-T-146	
D906	8-719-053-18	DIODE 1SR154-400TE-25		Q601	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D907	8-719-053-18	DIODE 1SR154-400TE-25		Q602	8-729-055-96	TRANSISTOR SRC1203SF	
D908	8-719-200-82	DIODE 11ES2		Q801	8-729-055-96	TRANSISTOR SRC1203SF	
D909	8-719-049-38	DIODE 1N5404TU		Q803	8-729-055-92	TRANSISTOR SRA2203SF	
D910	8-719-200-82	DIODE 11ES2		Q901	8-729-049-40	TRANSISTOR 2SC5343SFG	
D911	8-719-200-82	DIODE 11ES2		Q902	8-729-049-40	TRANSISTOR 2SC5343SFG	
D912	8-719-978-33	DIODE DTZ-TT11-6.8B		Q903	8-729-015-11	TRANSISTOR 2SD1802FAST-TL	
D914	8-719-110-49	DIODE RD18ES-B2		Q904	8-729-055-92	TRANSISTOR SRC1203SF	
D916	8-719-109-89	DIODE RD5.6ES-B2		Q905	8-729-055-96	TRANSISTOR SRC1203SF	
D917	8-719-110-14	DIODE RD9.1ES-B3		Q906	8-729-019-00	TRANSISTOR 2SD2394-G	
D918	8-719-988-61	DIODE 1SS355TE-17		Q907	8-729-055-92	TRANSISTOR SRA2203SF	
D919	8-719-109-89	DIODE RD5.6ES-B2		Q908	8-729-055-96	TRANSISTOR SRC1203SF	
D921	8-719-988-61	DIODE 1SS355TE-17		Q909	8-729-049-43	TRANSISTOR STB1132Y	
D922	8-719-422-16	DIODE MA8039-L-TX		Q910	8-729-055-96	TRANSISTOR SRC1203SF	
D925	8-719-978-33	DIODE DTZ-TT11-6.8B		Q911	8-729-049-40	TRANSISTOR 2SC5343SFG	
D926	8-719-921-63	DIODE MTZJ-7.5B		Q912	8-729-019-00	TRANSISTOR 2SD2394-G	
D927	8-719-109-89	DIODE RD5.6ES-B2		Q913	8-729-055-92	TRANSISTOR SRA2203SF	
		< FERRITE BEAD >		Q914	8-729-055-96	TRANSISTOR SRC1203SF	
FB801	1-414-235-22	INDUCTOR, FERRITE BEAD		Q915	8-729-055-96	TRANSISTOR SRC1203SF	
		< IC >		Q916	8-729-920-85	TRANSISTOR 2SD1664-QR	
IC401	8-759-827-14	IC TA8268AH		Q917	8-729-055-96	TRANSISTOR SRC1203SF	
IC402	8-759-653-27	IC TDA7402TR		Q918	8-729-049-43	TRANSISTOR STB1132Y	
IC601	8-759-492-59	IC SAA6588T-118		Q919	8-729-055-96	TRANSISTOR SRC1203SF	
IC602	8-759-909-71	IC BA4558F		Q920	8-729-820-46	TRANSISTOR 2SB1202FAS	
IC801	6-801-174-01	IC MN101C49KCF		Q921	8-729-055-96	TRANSISTOR SRC1203SF	
IC802	6-701-405-01	IC PST3443UL		Q922	8-729-049-43	TRANSISTOR STB1132Y	
IC803	8-759-096-16	IC MM1175XFF		< RESISTOR >			
		< JUMPER RESISTOR >		R401	1-216-813-11	METAL CHIP 220 5% 1/16W	
D819	1-216-295-11	SHORT 0		R402	1-216-813-11	METAL CHIP 220 5% 1/16W	
D820	1-216-295-11	SHORT 0		R403	1-216-813-11	METAL CHIP 220 5% 1/16W	
JR701	1-216-864-11	METAL CHIP 0 5% 1/16W		R404	1-216-813-11	METAL CHIP 220 5% 1/16W	
JR703	1-216-864-11	METAL CHIP 0 5% 1/16W		R406	1-216-841-11	METAL CHIP 47K 5% 1/16W	
JR803	1-216-295-11	SHORT 0		R407	1-216-864-11	METAL CHIP 0 5% 1/16W	
JR804	1-216-864-11	METAL CHIP 0 5% 1/16W		R408	1-216-841-11	METAL CHIP 47K 5% 1/16W	
JR901	1-216-864-11	METAL CHIP 0 5% 1/16W		R409	1-216-864-11	METAL CHIP 0 5% 1/16W	
JR903	1-216-864-11	METAL CHIP 0 5% 1/16W		R410	1-216-841-11	METAL CHIP 47K 5% 1/16W	
		< COIL >		R412	1-216-841-11	METAL CHIP 47K 5% 1/16W	
L900	1-419-476-31	COIL, CHOKE 250uH		R413	1-216-821-11	METAL CHIP 1K 5% 1/16W	
		< JACK >		R414	1-216-833-11	METAL CHIP 10K 5% 1/16W	
PJ401	1-774-700-11	JACK, PIN 6P (BUS AUDIO IN, AUDIO OUT FRONT/REAR)		R415	1-216-821-11	METAL CHIP 1K 5% 1/16W	
PJ601	1-793-598-11	JACK (ANTENNA)		R416	1-216-833-11	METAL CHIP 10K 5% 1/16W	
				R417	1-216-841-11	METAL CHIP 47K 5% 1/16W	
				R418	1-216-825-11	METAL CHIP 2.2K 5% 1/16W	
				R419	1-216-821-11	METAL CHIP 1K 5% 1/16W	
				R420	1-216-833-11	METAL CHIP 10K 5% 1/16W	
				R601	1-216-864-11	METAL CHIP 0 5% 1/16W	
				R602	1-216-809-11	METAL CHIP 100 5% 1/16W	

# CDX-CA600/CA600X

## MAIN

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R603	1-216-809-11	METAL CHIP	100	5%	1/16W	R831	1-216-845-11	METAL CHIP	100K	5%	1/16W
R604	1-218-867-11	RES-CHIP	6.8K	5%	1/16W						(CA600)
R605	1-216-845-11	METAL CHIP	100K	5%	1/16W	R832	1-216-845-11	METAL CHIP	100K	5%	1/16W
R606	1-216-841-11	METAL CHIP	47K	5%	1/16W	R833	1-216-864-11	METAL CHIP	0	5%	1/16W
R607	1-216-817-11	METAL CHIP	470	5%	1/16W	R834	1-216-864-11	METAL CHIP	0	5%	1/16W
						R835	1-216-845-11	METAL CHIP	100K	5%	1/16W
R608	1-216-797-11	METAL CHIP	10	5%	1/16W	R836	1-216-809-11	METAL CHIP	100	5%	1/16W
R609	1-216-823-11	METAL CHIP	1.5K	5%	1/16W	R837	1-216-864-11	METAL CHIP	0	5%	1/16W
R610	1-216-821-11	METAL CHIP	1K	5%	1/16W	R838	1-216-821-11	METAL CHIP	1K	5%	1/16W
R611	1-216-853-11	METAL CHIP	470K	5%	1/16W	R839	1-216-821-11	METAL CHIP	1K	5%	1/16W
R612	1-216-797-11	METAL CHIP	10	5%	1/16W	R840	1-216-821-11	METAL CHIP	1K	5%	1/16W
R613	1-216-825-11	METAL CHIP	2.2K	5%	1/16W	R841	1-216-864-11	METAL CHIP	0	5%	1/16W
R614	1-216-825-11	METAL CHIP	2.2K	5%	1/16W	R842	1-216-864-11	METAL CHIP	0	5%	1/16W
R615	1-216-833-11	METAL CHIP	10K	5%	1/16W	R845	1-247-887-00	CARBON	220K	5%	1/4W
R616	1-216-825-11	METAL CHIP	2.2K	5%	1/16W	R846	1-216-849-11	METAL CHIP	220K	5%	1/16W
R617	1-216-833-11	METAL CHIP	10K	5%	1/16W	R847	1-247-887-00	CARBON	220K	5%	1/4W
R618	1-216-809-11	METAL CHIP	100	5%	1/16W	R848	1-247-887-00	CARBON	220K	5%	1/4W
R619	1-216-845-11	METAL CHIP	100K	5%	1/16W	R849	1-216-809-11	METAL CHIP	100	5%	1/16W
R620	1-216-809-11	METAL CHIP	100	5%	1/16W	R850	1-216-809-11	METAL CHIP	100	5%	1/16W
R621	1-216-857-11	METAL CHIP	1M	5%	1/16W	R851	1-216-809-11	METAL CHIP	100	5%	1/16W
R623	1-216-833-11	METAL CHIP	10K	5%	1/16W	R852	1-216-809-11	METAL CHIP	100	5%	1/16W
R701	1-216-841-11	METAL CHIP	47K	5%	1/16W	R853	1-216-809-11	METAL CHIP	100	5%	1/16W
R703	1-216-864-11	METAL CHIP	0	5%	1/16W	R854	1-216-809-11	METAL CHIP	100	5%	1/16W
R704	1-216-864-11	METAL CHIP	0	5%	1/16W	R855	1-216-864-11	METAL CHIP	0	5%	1/16W
R705	1-216-864-11	METAL CHIP	0	5%	1/16W	R856	1-216-864-11	METAL CHIP	0	5%	1/16W
R801	1-216-821-11	METAL CHIP	1K	5%	1/16W	R857	1-216-864-11	METAL CHIP	0	5%	1/16W
R802	1-216-835-11	METAL CHIP	15K	5%	1/16W	R858	1-216-864-11	METAL CHIP	0	5%	1/16W
R804	1-247-807-31	CARBON	100	5%	1/4W	R859	1-216-864-11	METAL CHIP	0	5%	1/16W
R805	1-216-809-11	METAL CHIP	100	5%	1/16W	R860	1-216-864-11	METAL CHIP	0	5%	1/16W
R806	1-216-809-11	METAL CHIP	100	5%	1/16W	R866	1-216-845-11	METAL CHIP	100K	5%	1/16W
R807	1-216-809-11	METAL CHIP	100	5%	1/16W	R867	1-216-845-11	METAL CHIP	100K	5%	1/16W
R808	1-218-716-11	METAL CHIP	10K	0.5%	1/16W	R868	1-216-845-11	METAL CHIP	100K	5%	1/16W
R809	1-218-716-11	METAL CHIP	10K	0.5%	1/16W						(CA600)
R810	1-218-716-11	METAL CHIP	10K	0.5%	1/16W	R869	1-216-845-11	METAL CHIP	100K	5%	1/16W
R811	1-216-845-11	METAL CHIP	100K	5%	1/16W	R901	1-216-821-11	METAL CHIP	1K	5%	1/16W
R812	1-216-841-11	METAL CHIP	47K	5%	1/16W	R903	1-249-425-11	CARBON	4.7K	5%	1/4W
R813	1-216-809-11	METAL CHIP	100	5%	1/16W	R904	1-216-821-11	METAL CHIP	1K	5%	1/16W
R814	1-216-809-11	METAL CHIP	100	5%	1/16W	R905	1-216-841-11	METAL CHIP	47K	5%	1/16W
R815	1-216-809-11	METAL CHIP	100	5%	1/16W	R906	1-216-833-11	METAL CHIP	10K	5%	1/16W
R816	1-216-813-11	METAL CHIP	220	5%	1/16W	R907	1-216-833-11	METAL CHIP	10K	5%	1/16W
R817	1-216-809-11	METAL CHIP	100	5%	1/16W	R908	1-216-841-11	METAL CHIP	47K	5%	1/16W
R818	1-216-809-11	METAL CHIP	100	5%	1/16W	R909	1-216-841-11	METAL CHIP	47K	5%	1/16W
R819	1-216-837-11	METAL CHIP	22K	5%	1/16W	R910	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R820	1-216-809-11	METAL CHIP	100	5%	1/16W	R911	1-216-845-11	METAL CHIP	100K	5%	1/16W
R821	1-216-809-11	METAL CHIP	100	5%	1/16W	R913	1-249-427-11	CARBON	6.8K	5%	1/4W
R822	1-216-809-11	METAL CHIP	100	5%	1/16W	R914	1-216-845-11	METAL CHIP	100K	5%	1/16W
R823	1-216-833-11	METAL CHIP	10K	5%	1/16W	R915	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R824	1-216-833-11	METAL CHIP	10K	5%	1/16W	R916	1-249-404-00	CARBON	82	5%	1/4W
R825	1-216-821-11	METAL CHIP	1K	5%	1/16W	R917	1-249-404-00	CARBON	82	5%	1/4W
R826	1-216-849-11	METAL CHIP	220K	5%	1/16W	R918	1-249-404-00	CARBON	82	5%	1/4W
R827	1-216-845-11	METAL CHIP	100K	5%	1/16W	R919	1-249-404-00	CARBON	82	5%	1/4W
R828	1-216-849-11	METAL CHIP	220K	5%	1/16W	R920	1-249-404-00	CARBON	82	5%	1/4W
R829	1-216-809-11	METAL CHIP	100	5%	1/16W	R921	1-249-404-00	CARBON	82	5%	1/4W
R830	1-216-809-11	METAL CHIP	100	5%	1/16W						

MAIN

SERVO

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R922	1-247-816-11	CARBON 240	5% 1/4W	C22	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
R923	1-216-845-11	METAL CHIP 100K	5% 1/16W	C23	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
R924	1-249-421-11	CARBON 2.2K	5% 1/4W	C24	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
R925	1-216-821-11	METAL CHIP 1K	5% 1/16W	C25	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
R926	1-249-413-11	CARBON 470	5% 1/4W	C26	1-126-391-11	ELECT CHIP 47uF	20% 6.3V
R927	1-249-417-11	CARBON 1K	5% 1/4W	C27	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
R930	1-216-845-11	METAL CHIP 100K	5% 1/16W	C29	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
R931	1-249-421-11	CARBON 2.2K	5% 1/4W	C30	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
R932	1-216-805-11	METAL CHIP 47	5% 1/16W	C34	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
R933	1-216-841-11	METAL CHIP 47K	5% 1/16W	C35	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
R934	1-216-845-11	METAL CHIP 100K	5% 1/16W	C36	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
R935	1-249-421-11	CARBON 2.2K	5% 1/4W	C37	1-126-393-11	ELECT CHIP 33uF	20% 10V
		< SWITCH >		C38	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
S801	1-762-638-21	SWITCH, TACTILE (RESET)		C40	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
		< THERMISTOR (POSITIVE) >		C41	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
TH900	1-801-792-21	THERMISTOR, POSITIVE		C43	1-162-967-11	CERAMIC CHIP 0.0033uF	10% 50V
TH901	1-810-940-11	THERMISTOR, POSITIVE		C44	1-125-837-00	CERAMIC CHIP 1uF	10% 6.3V
		< TUNER >		C45	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
TU601	A-3220-812-A	TUNER UNIT (TUX-020)				< CONNECTOR >	
		< VIBRATOR >		CN1	1-815-352-11	CONNECTOR, BOARD TO BOARD 30P	
X601	1-760-556-31	VIBRATOR, CRYSTAL (4.332MHz)		CN3	1-816-275-11	CONNECTOR, FFC/FPC 6P	
X801	1-781-822-21	VIBRATOR, CERAMIC (18.432MHz)				< JUMPER RESISTOR >	
X802	1-567-098-41	VIBRATOR, CRYSTAL (32.768kHz)		FB1	1-216-864-11	METAL CHIP 0	5% 1/16W
*****				FB2	1-216-864-11	METAL CHIP 0	5% 1/16W
	A-3283-233-A	SERVO BOARD, COMPLETE		FB3	1-216-864-11	METAL CHIP 0	5% 1/16W
		*****		FB4	1-216-864-11	METAL CHIP 0	5% 1/16W
	1-683-284-11	FLEXIBLE BOARD		FB6	1-216-864-11	METAL CHIP 0	5% 1/16W
		< CAPACITOR >		FB7	1-216-864-11	METAL CHIP 0	5% 1/16W
C1	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V			< IC >	
C3	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	IC1	8-759-699-98	IC uPD63711GC-8EU	
C4	1-104-609-11	ELECT CHIP 100uF	20% 4V	IC2	8-759-658-87	IC BA5810FP-E2	
C5	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V			< TRANSISTOR >	
C6	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	Q1	8-729-904-87	TRANSISTOR 2SB1197K-R	
C8	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V			< RESISTOR >	
C9	1-162-924-11	CERAMIC CHIP 56PF	5% 50V	R3	1-216-797-11	METAL CHIP 10	5% 1/16W
C10	1-162-924-11	CERAMIC CHIP 56PF	5% 50V	R5	1-218-344-11	RES-CHIP 7.5K	5% 1/16W
C11	1-162-909-11	CERAMIC CHIP 4PF	0.25PF 50V	R6	1-216-837-11	METAL CHIP 22K	5% 1/16W
C13	1-162-916-11	CERAMIC CHIP 12PF	5% 50V	R7	1-216-839-11	METAL CHIP 33K	5% 1/16W
C14	1-125-837-00	CERAMIC CHIP 1uF	10% 6.3V	R8	1-216-833-11	METAL CHIP 10K	5% 1/16W
C15	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	R9	1-216-840-11	METAL CHIP 39K	5% 1/16W
C16	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	R10	1-216-835-11	METAL CHIP 15K	5% 1/16W
C17	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	R12	1-216-837-11	METAL CHIP 22K	5% 1/16W
C18	1-162-966-11	CERAMIC CHIP 0.0022uF	10% 50V	R14	1-216-841-11	METAL CHIP 47K	5% 1/16W
C19	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	R15	1-216-841-11	METAL CHIP 47K	5% 1/16W
C20	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	R17	1-216-809-11	METAL CHIP 100	5% 1/16W
C21	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	R18	1-216-809-11	METAL CHIP 100	5% 1/16W
				R19	1-216-809-11	METAL CHIP 100	5% 1/16W

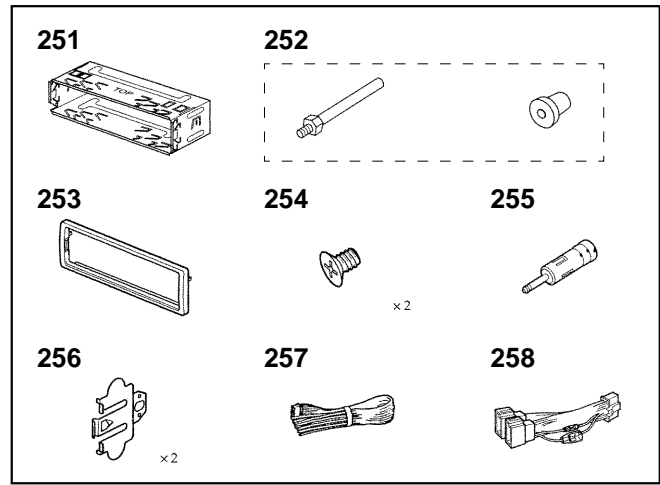
# CDX-CA600/CA600X

**SERVO**    **SL SW**    **SPEAKER**

Ref. No.	Part No.	Description	Remark
R20	1-216-809-11	METAL CHIP	100 5% 1/16W
R21	1-216-821-11	METAL CHIP	1K 5% 1/16W
R22	1-216-821-11	METAL CHIP	1K 5% 1/16W
R24	1-216-864-11	METAL CHIP	0 5% 1/16W
R25	1-216-864-11	METAL CHIP	0 5% 1/16W
R26	1-216-797-11	METAL CHIP	10 5% 1/16W
R29	1-216-833-11	METAL CHIP	10K 5% 1/16W
R30	1-216-833-11	METAL CHIP	10K 5% 1/16W
< SWITCH >			
SW1	1-762-944-12	SWITCH, DETECTION (SMALL TYPE) (DOWN)	
< VIBRATOR >			
X1	1-795-520-21	VIBRATOR, CERAMIC (16.9344MHz)	
*****			
	1-683-282-11	SL SW BOARD	
*****			
< SWITCH >			
SW4	1-529-565-41	SWITCH, PUSH (1 KEY) (LIMIT)	
*****			
	1-683-930-11	SPEAKER BOARD (supplied with MAIN BOARD, COMPLETE)	
*****			
*****			
MISCELLANEOUS			
*****			
3	1-776-207-82	CORD (WITH CONNECTOR) (POWER) (E)	
3	1-776-527-61	CORD (WITH CONNECTOR) (ISO) (POWER) (AEP,UK)	
201	X-3378-480-1	CHASSIS (OP) ASSY (including M901)	
207	1-823-641-11	CABLE, FLEXIBLE FLAT (6 CORE)	
△210	8-820-103-11	PICK-UP, OPTICAL KSS-720A/C-RP	
F901	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) 10A	
M902	A-3301-985-A	MOTOR ASSY, SLED (SLED)	
M903	A-3315-039-A	MOTOR SUB ASSY, LO (LOADING)	
*****			

Ref. No.	Part No.	Description	Remark
ACCESSORIES			
*****			
	1-476-526-31	REMOTE COMMANDER (RM-X115) (E)	
	3-230-047-01	LID, BATTERY CASE (for RM-X115) (E)	
	3-238-730-11	MANUAL, INSTRUCTION (ENGLISH,GERMAN, FRENCH,ITALIAN,DUTCH) (AEP,UK)	
	3-238-730-21	MANUAL, INSTRUCTION (ENGLISH, TRADITIONAL CHINESE) (E)	
	3-238-731-11	MANUAL, INSTRUCTION, INSTALL (ENGLISH, GERMAN,FRENCH,ITALIAN,DUTCH) (AEP,UK)	
	3-238-731-21	MANUAL, INSTRUCTION, INSTALL (ENGLISH, TRADITIONAL CHINESE) (E)	
	X-3380-054-2	CASE ASSY (for FRONT PANEL)	
*****			

PARTS FOR INSTALLATION AND CONNECTION			
*****			
251	3-014-370-21	FRAME, FITTING	
252	X-3366-405-1	SCREW ASSY (EXP), FITTING	
253	3-236-923-01	COLLAR	
254	3-934-325-01	SCREW (+K 5X8 TP)	
255	1-465-459-21	ADAPTOR, ANTENNA (AEP,UK)	
256	3-030-929-04	SPRING, FITTING	
257	1-776-207-82	CORD (WITH CONNECTOR) (POWER) (E)	
258	1-776-527-61	CORD (WITH CONNECTOR) (ISO) (POWER) (AEP,UK)	



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



**MEMO**

