

# CDX-L350/L360

## SERVICE MANUAL

Ver 1.1 2001. 02

AEP Model

UK Model

CDX-L350/L360

E Model

CDX-L350



Photo: CDX-L350

- The tuner and CD sections have no adjustments.

Model Name Using Similar Mechanism	CDX-CA650
CD Drive Mechanism Type	MG-393X-121//Q
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	45 W $\times$ 4 (at 4 ohms)

#### General

Outputs	Power aerial relay control lead
Inputs	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 ground)
Dimensions	Approx. 178 $\times$ 50 $\times$ 177 mm (w/h/d)
Mounting dimension	Approx. 182 $\times$ 53 $\times$ 162 mm (w/h/d)
Mass	Approx. 1.2 kg
Supplied accessories	Parts for installation and connections (1 set) Front panel case (1)

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

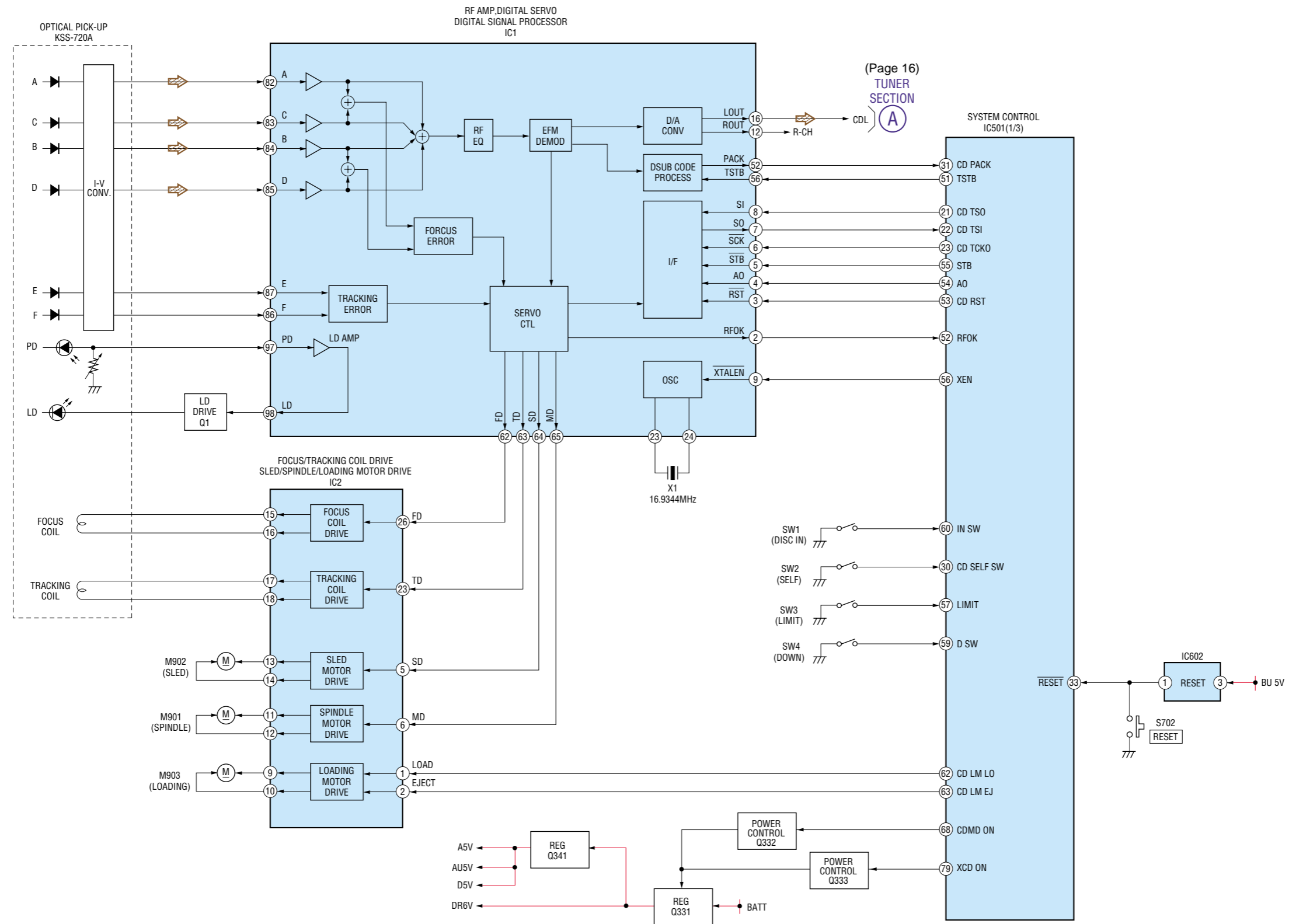
## FM/MW/LW COMPACT DISC PLAYER

9-870-278-12  
2001B0400-1  
© 2001. 2

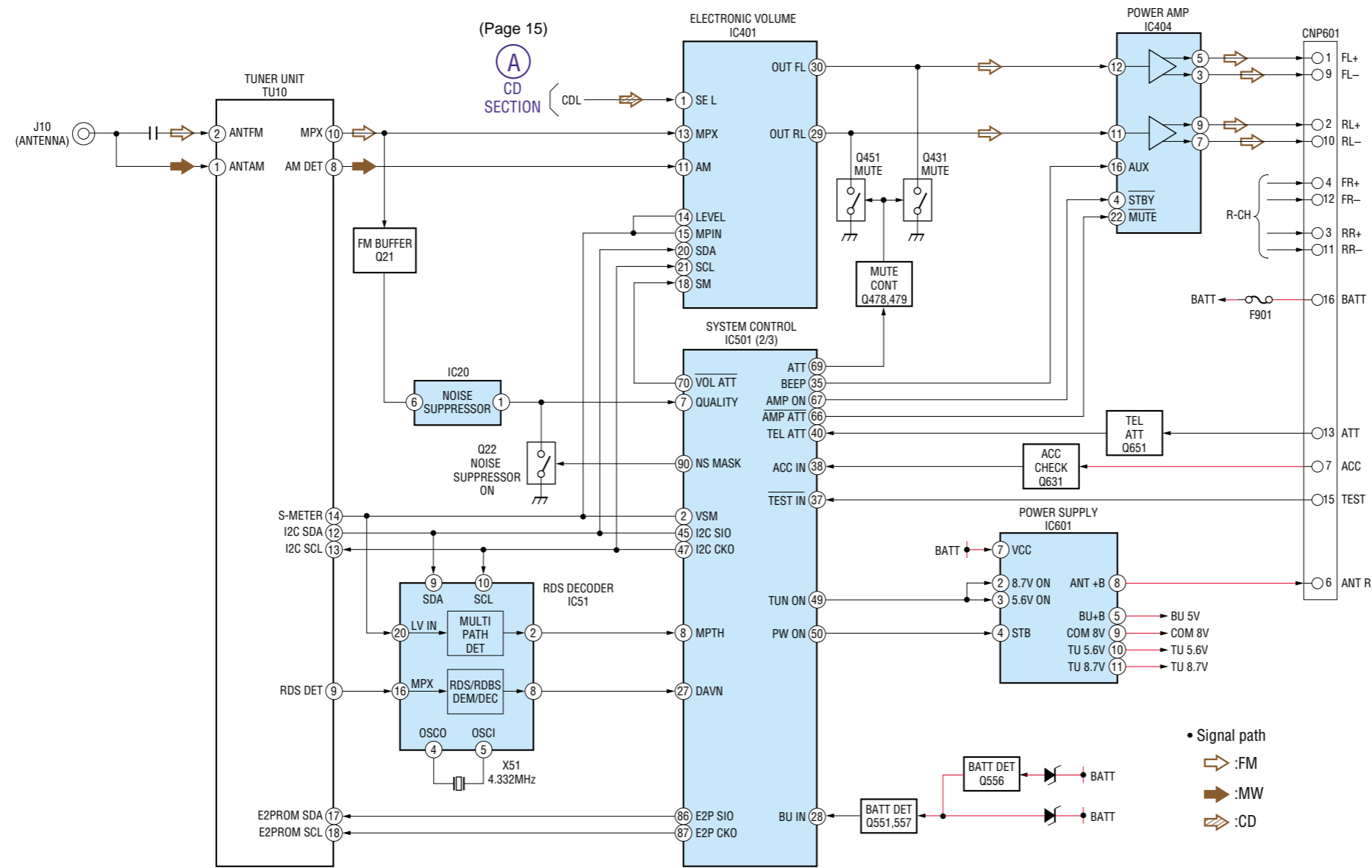
**Sony Corporation**  
Audio Entertainment Group  
General Engineering Dept.

# SONY®

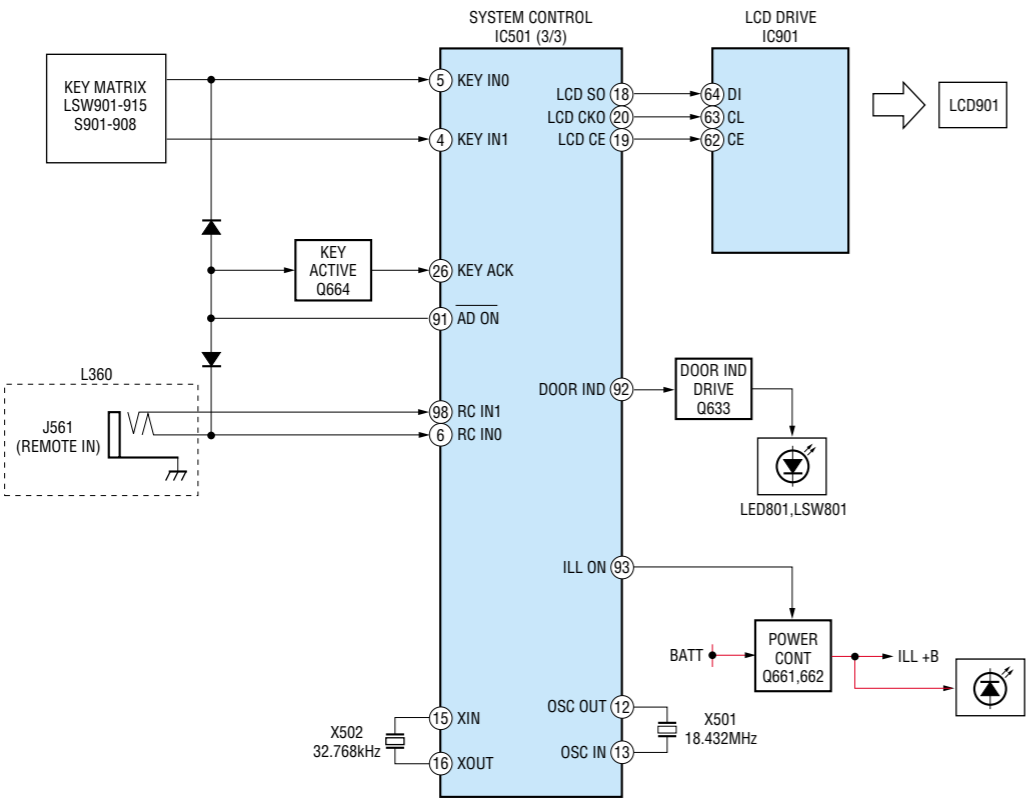
## 15



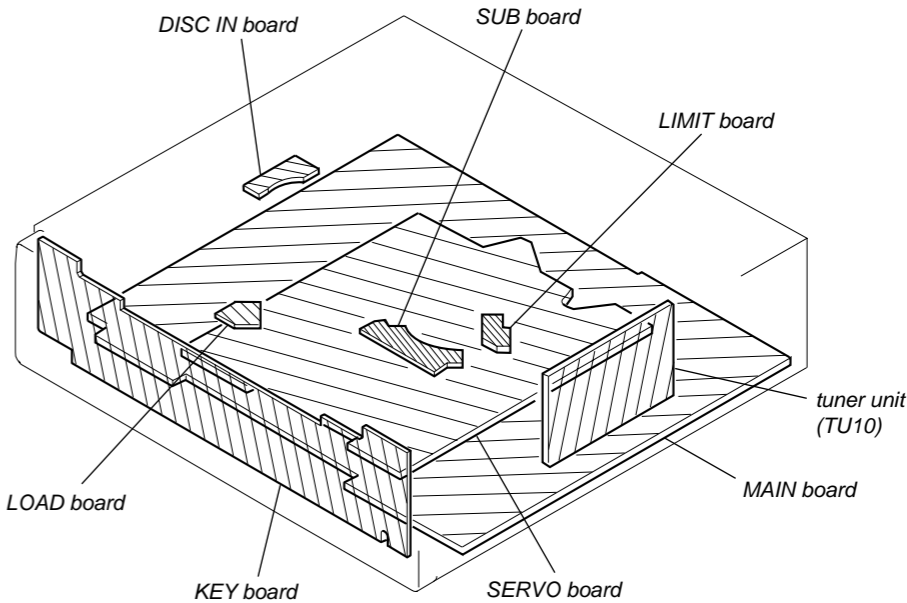
3-3. BLOCK DIAGRAM — TUNER SECTION —



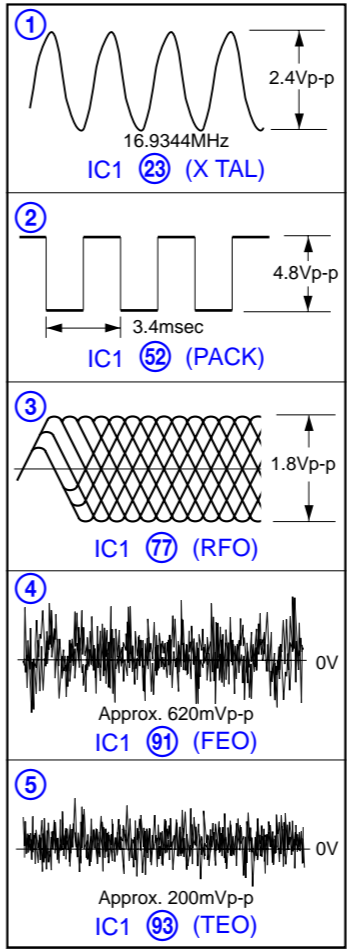
3-4. BLOCK DIAGRAM — DISPLAY SECTION —



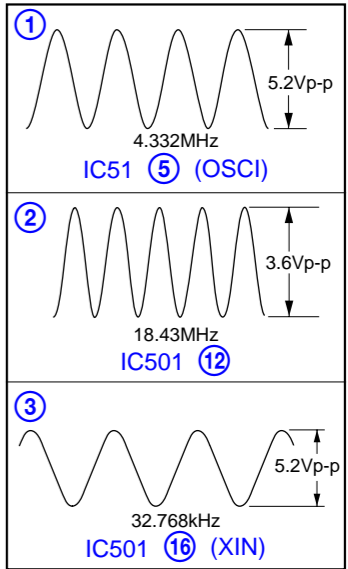
3-5. CIRCUIT BOARDS LOCATION



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

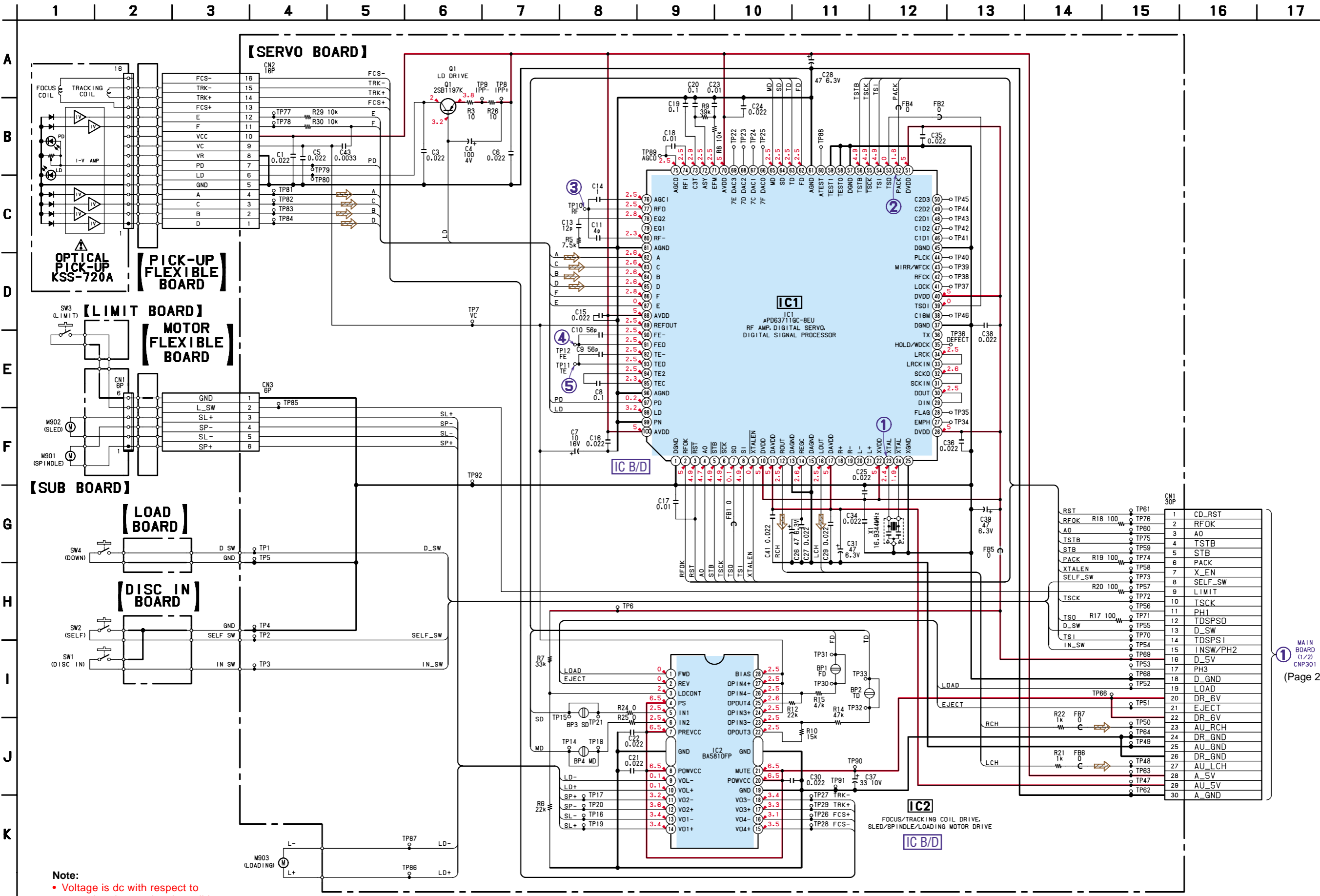


— Main Board —



• Refer to page 17 for Waveforms.

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

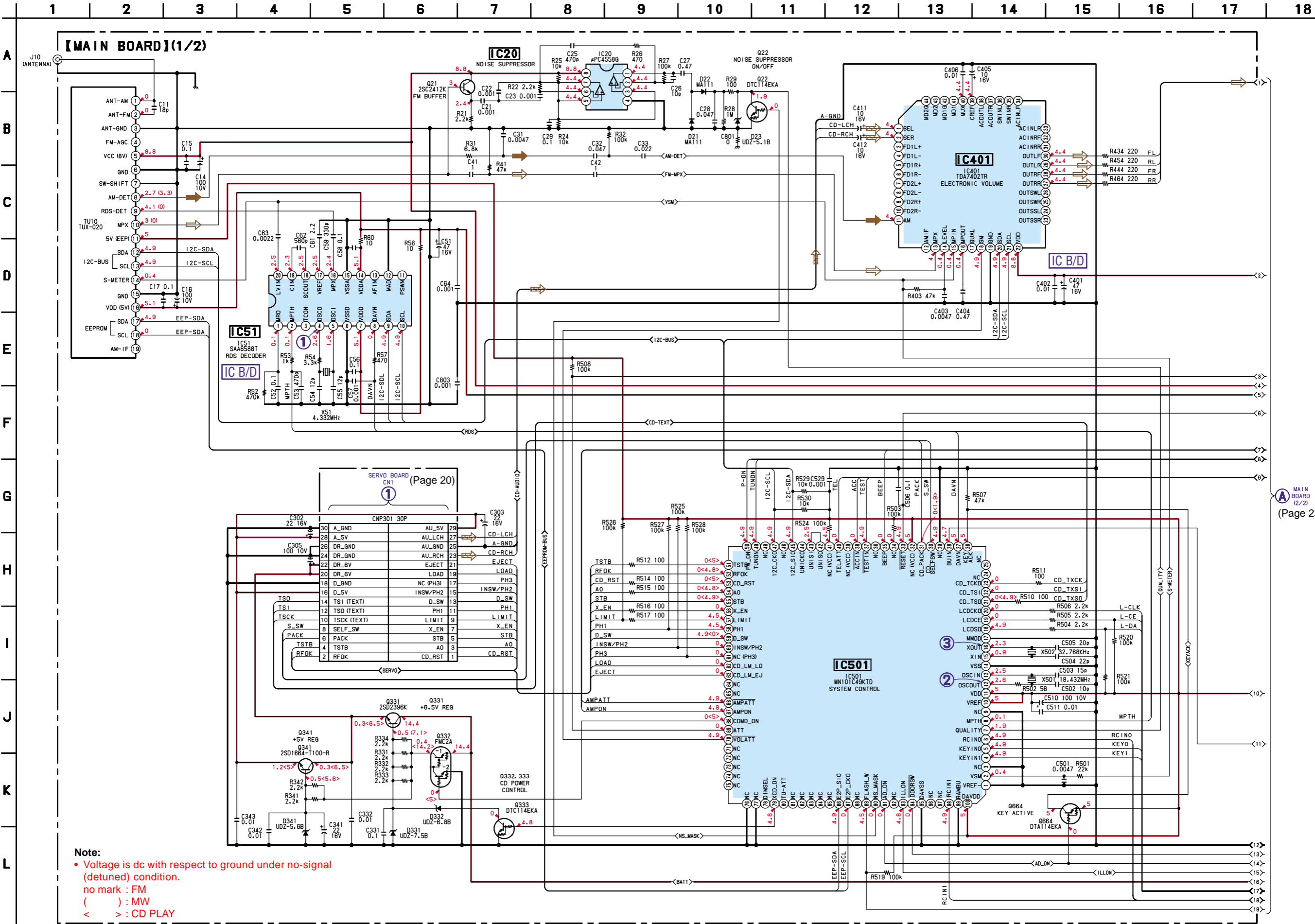


CN1 30P	
1	CD_RST
2	RFOK
3	AO
4	TSTB
5	STB
6	PACK
7	X_EN
8	SELF_SW
9	LIMIT
10	TSCK
11	PH1
12	TDSPSO
13	D_SW
14	TDSPSI
15	IN SW/PH2
16	D_5V
17	PH3
18	D_GND
19	LOAD
20	DR_6V
21	EJECT
22	DR_6V
23	AU_RCH
24	DR_GND
25	AU_GND
26	DR_GND
27	AU_LCH
28	A_5V
29	AU_5V
30	A_GND

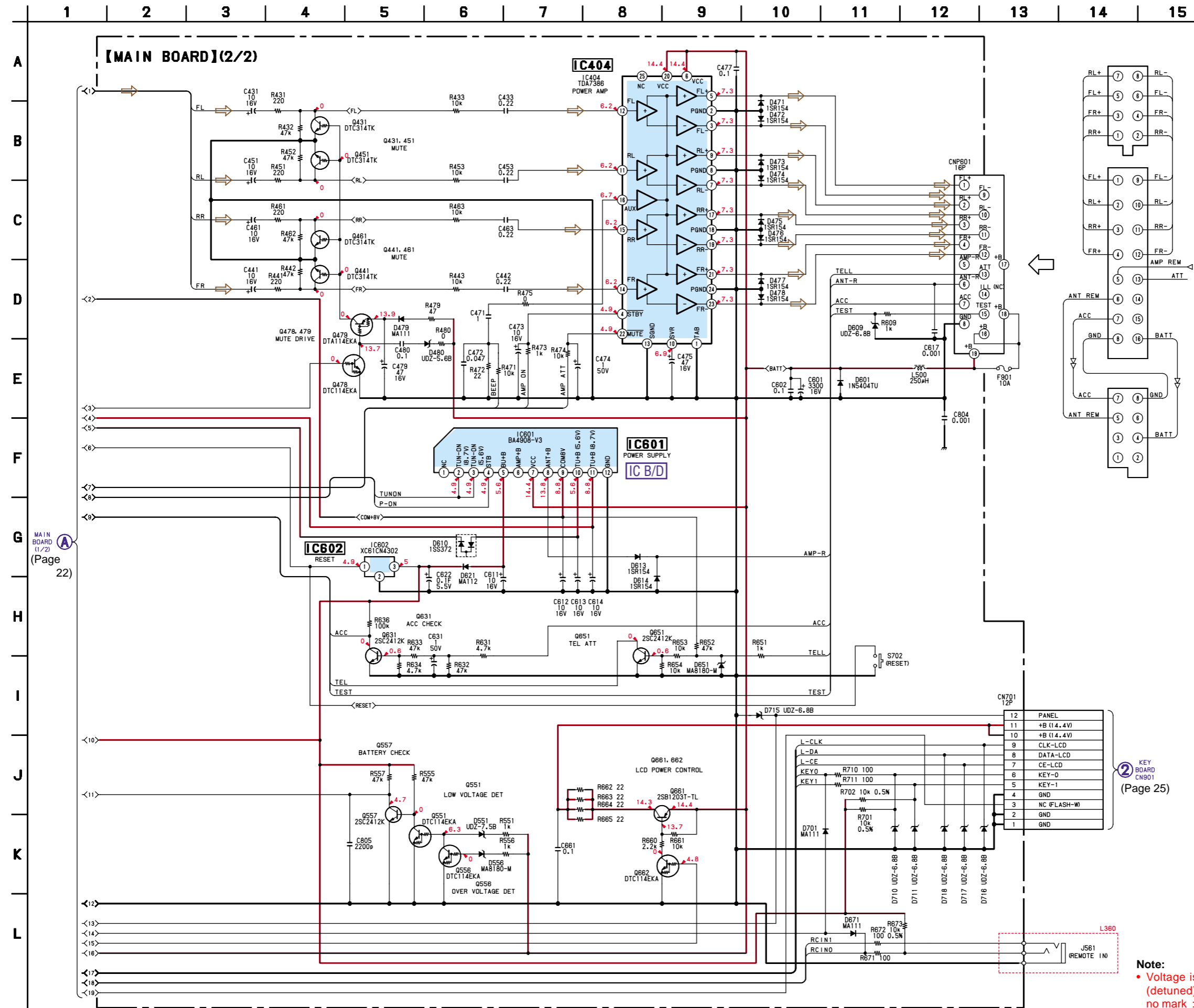
1 MAIN BOARD (1/2) CNP301 (Page 22)

• Refer to page 17 for Waveforms.

3-9. SCHEMATIC DIAGRAM — MAIN SECTION (1/2) — • Refer to page 26 for IC Block Diagrams.



**3-10. SCHEMATIC DIAGRAM — MAIN SECTION (2/2) — • Refer to page 26 for IC Block Diagrams.**

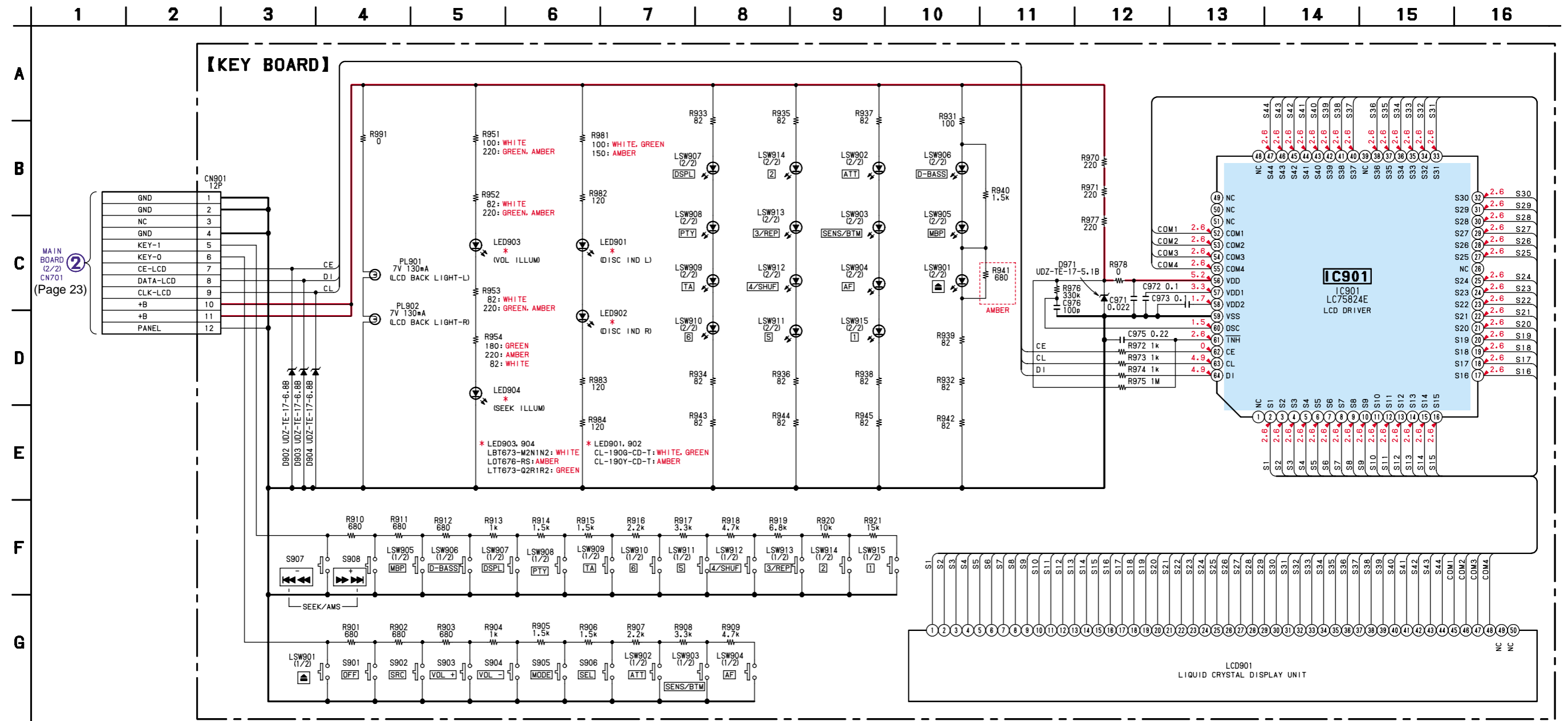


**Note:**

- Voltage is dc with respect to ground under no-signal (detuned) condition.

no mark : FM

### 3-12. SCHEMATIC DIAGRAM — KEY SECTION —



**Note:**

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