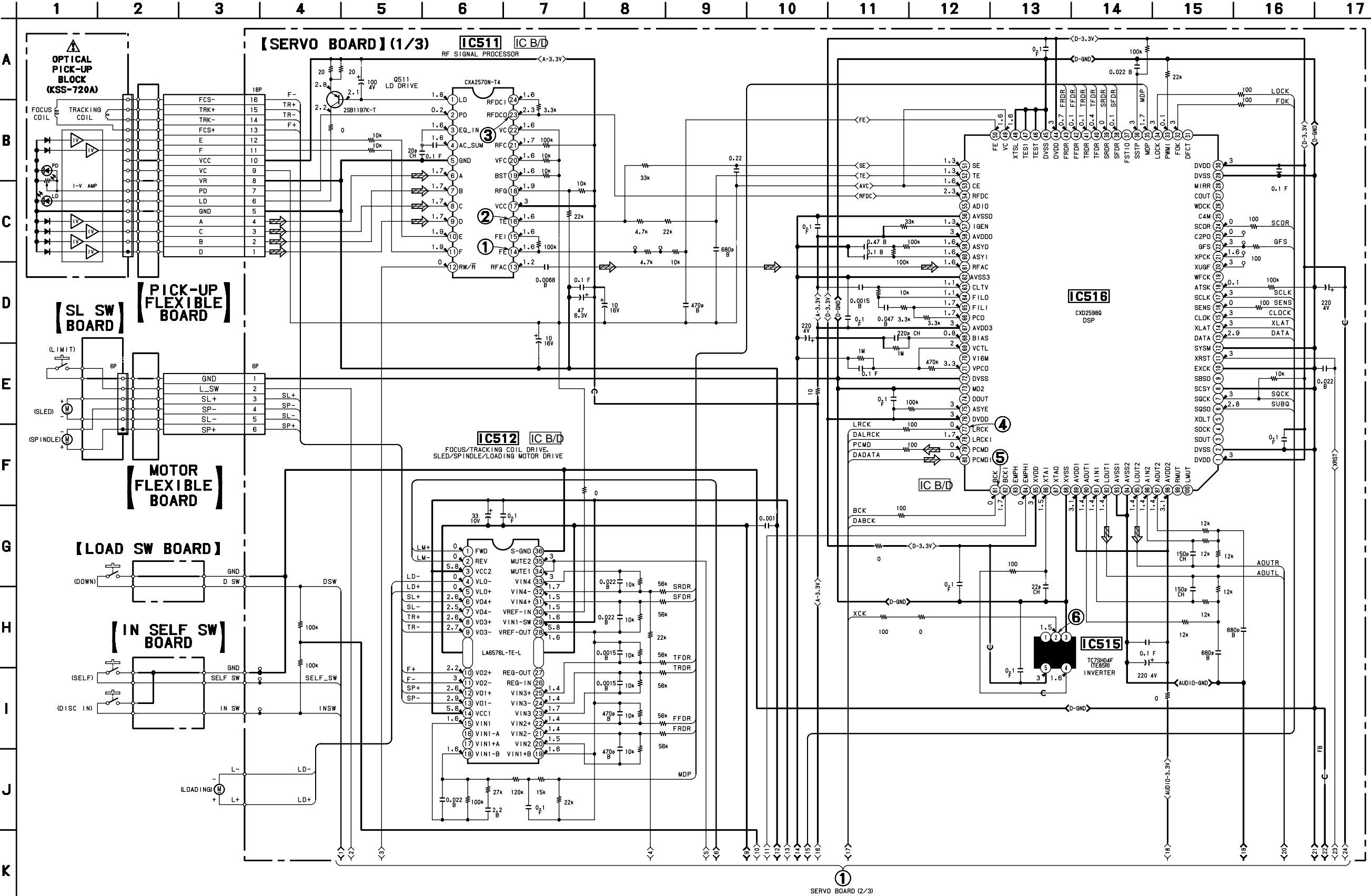
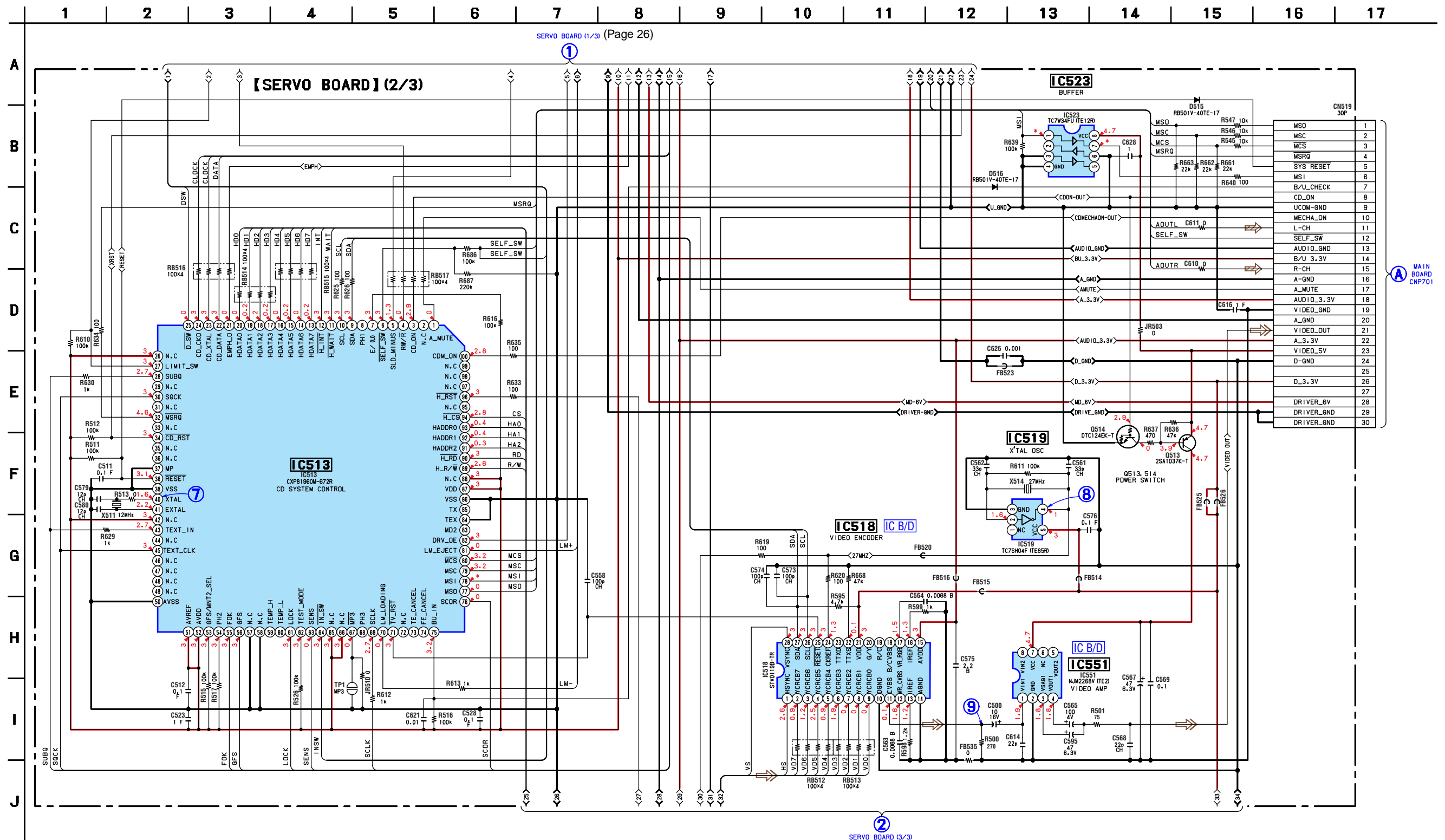


SCHEMATIC DIAGRAM — CD MECHANISM SECTION (1/3)



Note:
• Voltage and waveforms are dc with respect to ground under no-signal conditions.
no mark : CD PLAY
: Impossible to measure

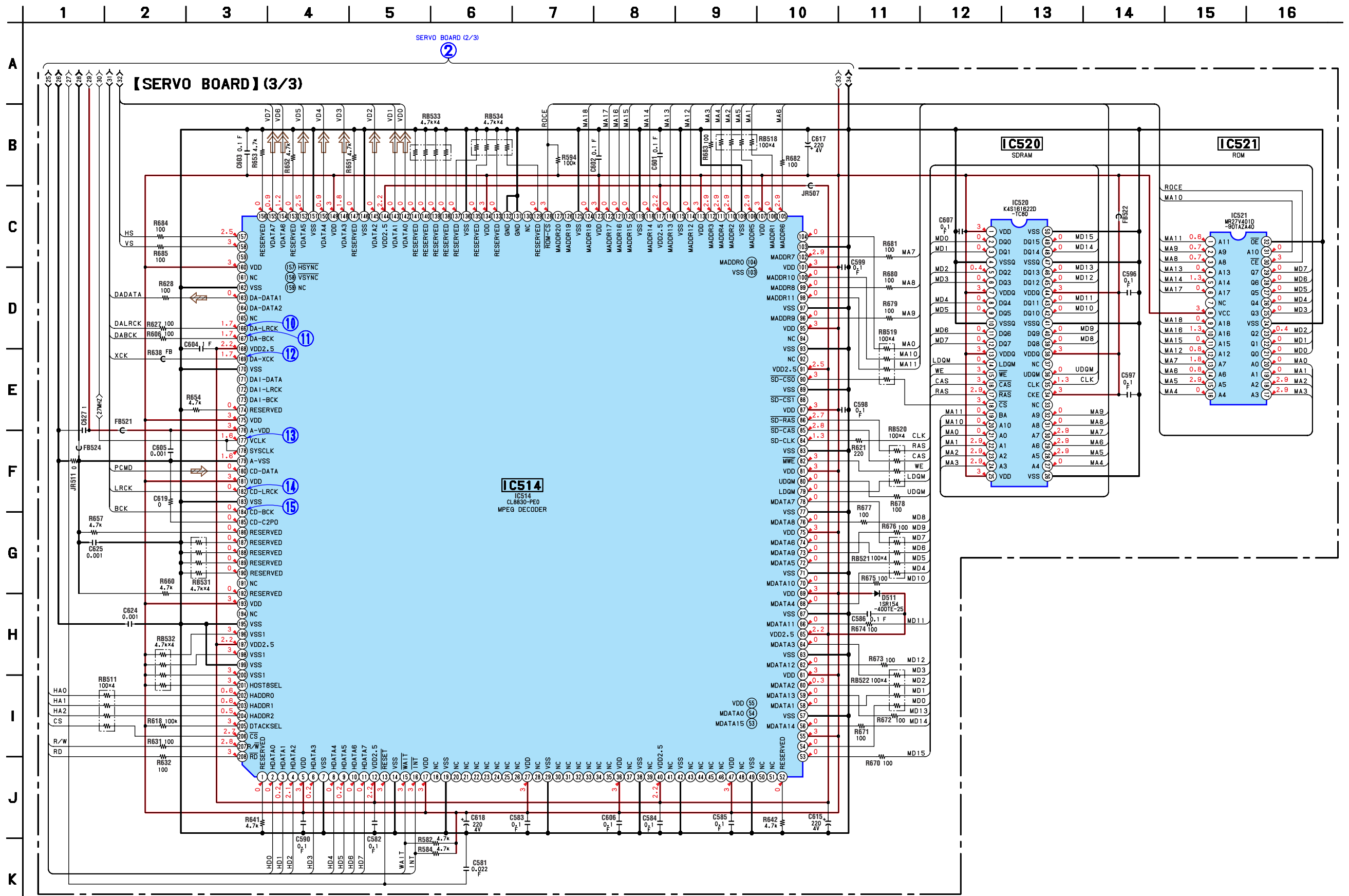
SCHEMATIC DIAGRAM — CD MECHANISM SECTION (2/3)



Note:

- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- no mark : CD PLAY
- * : Impossible to measure

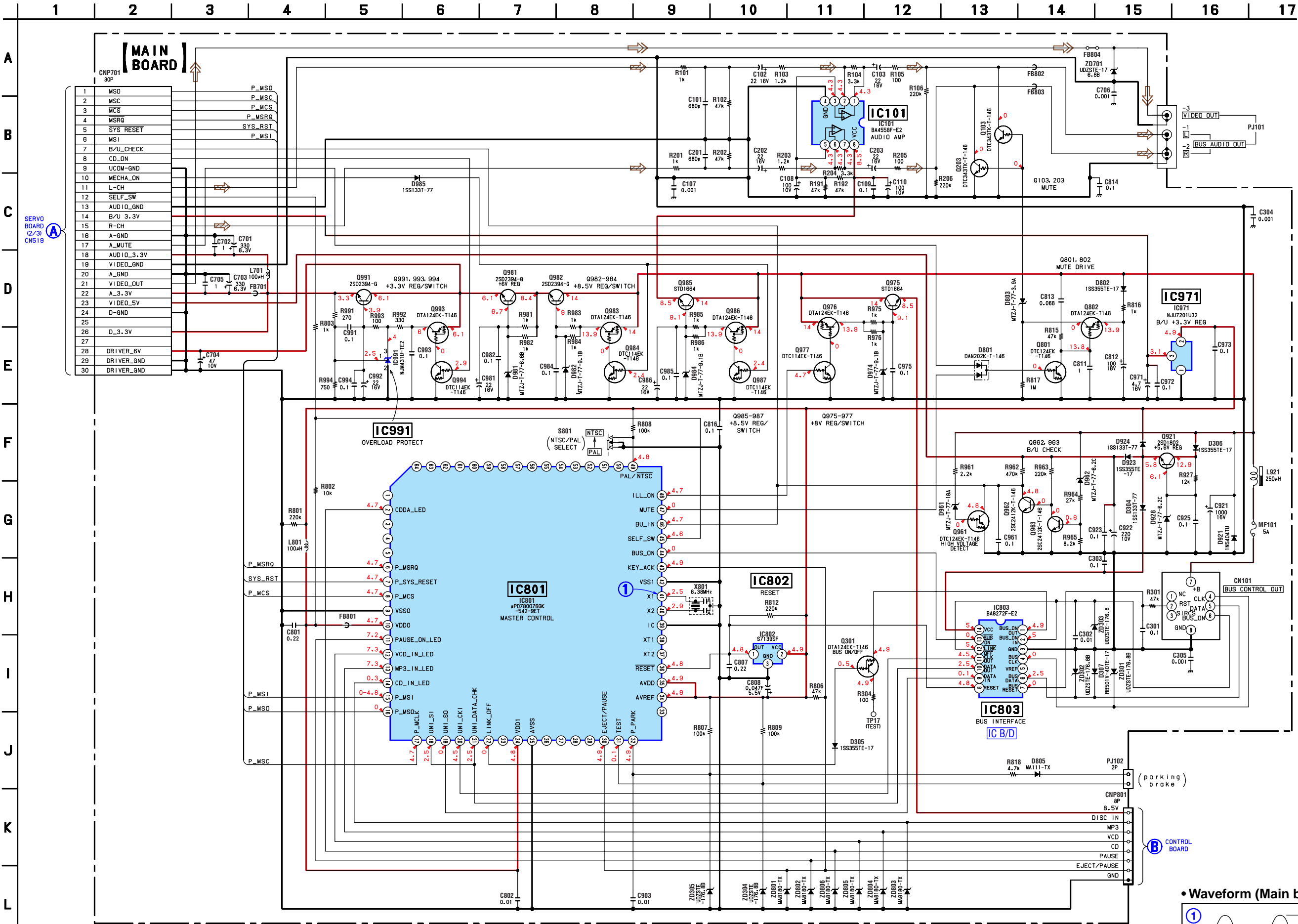
SCHEMATIC DIAGRAM — CD MECHANISM SECTION (3/3)



Note:

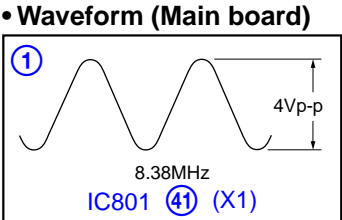
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- no mark : CD PLAY

3-12. SCHEMATIC DIAGRAM — MAIN SECTION



Note:

- Voltage is dc with respect to ground under no-signal condition.
- no mark : CD PLAY



MAIN BOARD CNP801

【CONTROL BOARD】

LD501 PAUSE

LD502 (CD INDICATOR)

LD503

LD504

LD505

LD506

LD507

LD508

R501

R502

R503

R504

R505

R506

R507

R508

S511

S512 EJECT

Q501

1-686-009-

11 (11)

DISC IN VCD MP3 CD

• Semiconductor

Ref. No.	Location
LD501	D-3
LD502	C-7
LD503	D-11
LD504	C-11
LD505	C-12
LD506	C-13
LD507	C-3
LD508	B-13
Q501	B-11

The schematic diagram illustrates the control board (CNP801) for a CD player. It features a central IC, LD501-508 (SLR325VR-T31), which controls eight LEDs: LD501 (PAUSE), LD502 (CD INDICATOR), LD503 (DISC IN), LD505 (MP3), LD504 (VCD), LD506 (CD), LD507 (PAUSE), and LD508 (EJECT). The board is powered by an 8.5V supply from the main board (CNP801) and includes a 4.7V Zener diode (Q501, DTC343TK-T-146) for voltage regulation. The board also includes two push buttons, S511 (PAUSE) and S512 (EJECT), and a 2.7k resistor (R511). The main board (CNP801) is connected to the control board via a 10-pin connector (A, B, C) with pins 1 through 7 labeled.

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

no mark : CD PLAY