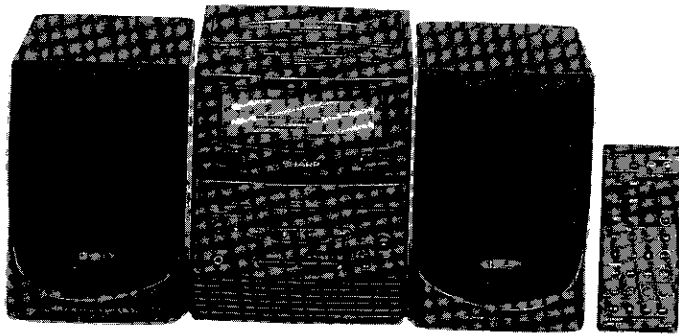


SHARP

SERVICE MANUAL / SERVICE-ANLEITUNG / MANUEL DE SERVICE

S8253CDQ10HGY



CD-Q10H(GY)
For Germany / New Zealand

CD-Q10G(GY)
For UK

CP-Q10H(GY)
For Germany / UK / New Zealand

COMPACT
disc
DIGITAL AUDIO

Active Servo
Technology

- CD-Q10H(GY) and CP-Q10H(GY) constitute SYSTEM-Q10H(GY)
- CD-Q10G(GY) and CP-Q10H(GY) constitute SYSTEM-Q10G(GY)

Note for users in UK

Recording and playback of any material may require consent which SHARP is unable to give. Please refer particularly to the provisions of Copyright Act 1956, the Dramatic and Musical Performers Protection Act 1958, the Performers Protection Acts 1963 and 1972 and to any subsequent statutory enactments and orders.

- In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.
- Im Interesse der Benutzer-Sicherheit sollte dieses Gerät wieder auf seinen ursprünglichen Zustand eingestellt und nur die vorgeschriebenen Teile verwendet werden.
- Dans l'intérêt de la sécurité de l'utilisateur, l'appareil devra être reconstruit dans sa condition première et seules des pièces identiques

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INHALTSVERZEICHNIS

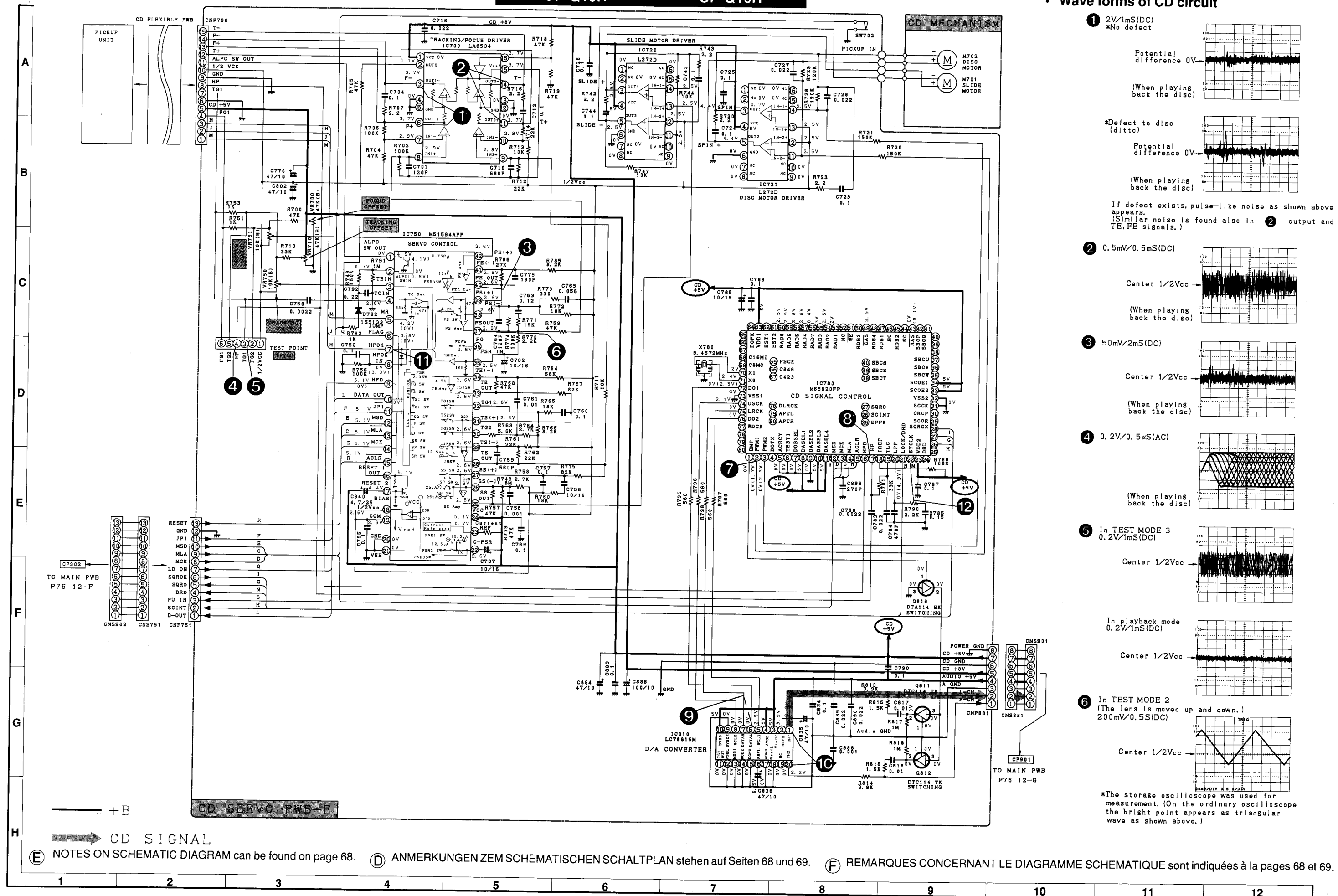
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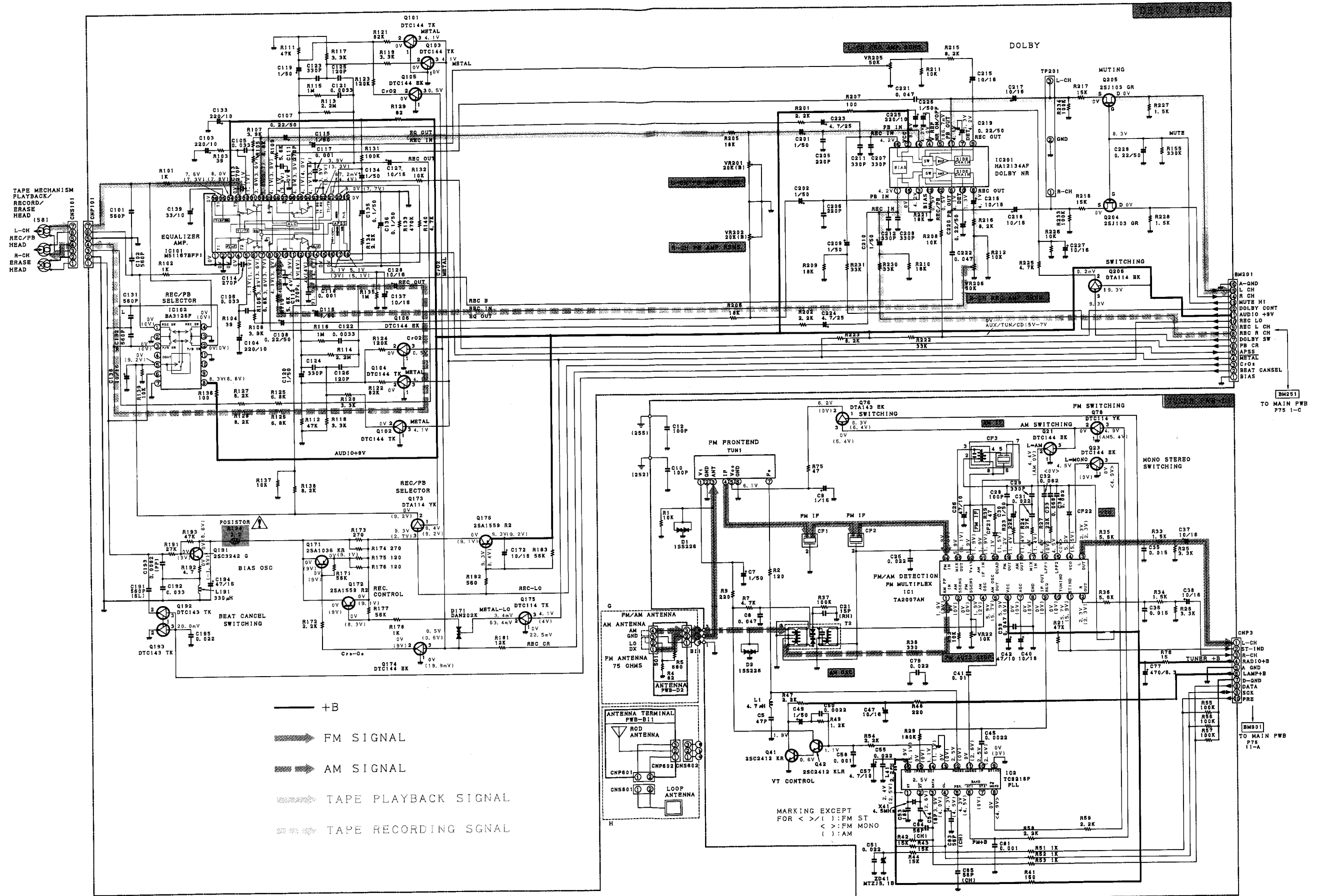
Wave forms of CD circuit



- ① 2V/1mS(DC)
*No defect
Potential difference 0V
(When playing back the disc)
 - *Defect to disc (ditto)
Potential difference 0V
(When playing back the disc)
If defect exists, pulse-like noise as shown above appears. (Similar noise is found also in ② output and TE, PE signals.)
 - ② 0.5mV/0.5mS(DC)
Center 1/2Vcc
(When playing back the disc)
 - ③ 50mV/2mS(DC)
Center 1/2Vcc
(When playing back the disc)
 - ④ 0.2V/0.5μS(AC)
(When playing back the disc)
 - ⑤ In TEST MODE 3
0.2V/1mS(DC)
Center 1/2Vcc
 - In playback mode
0.2V/1mS(DC)
Center 1/2Vcc
 - ⑥ In TEST MODE 2
(The lens is moved up and down.)
200mV/0.5S(DC)
Center 1/2Vcc
- *The storage oscilloscope was used for measurement. (On the ordinary oscilloscope the bright point appears as triangular wave as shown above.)

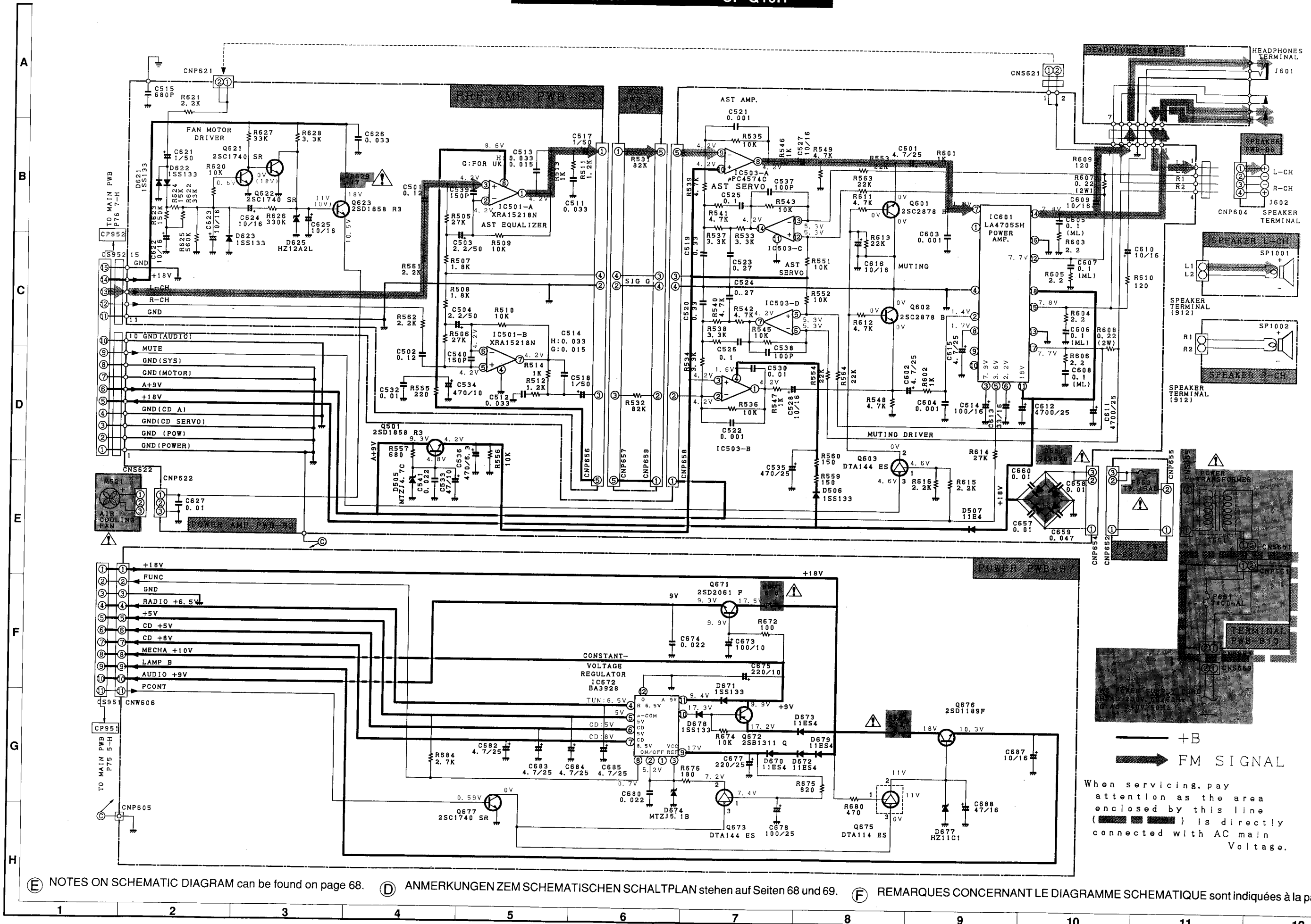
(E) NOTES ON SCHEMATIC DIAGRAM can be found on page 68. (D) ANMERKUNGEN ZEM SCHEMATISCHEN SCHALTPLAN stehen auf Seiten 68 und 69. (F) REMARQUES CONCERNANT LE DIAGRAMME SCHEMATIQUE sont indiquées à la pages 68 et 69.

Figure 89 SCHEMATIC DIAGRAM (4/5)



Ⓔ NOTES ON SCHEMATIC DIAGRAM can be found on page 68. Ⓓ ANMERKUNGEN ZEM SCHEMATISCHEN SCHALTPLAN stehen auf Seiten 68 und 69. Ⓕ REMARQUES CONCERNANT LE DIAGRAMME SCHEMATIQUE sont indiquées à la pages 68 et 69.

Figure 85 SCHEMATIC DIAGRAM (3/5)



(E) NOTES ON SCHEMATIC DIAGRAM can be found on page 68. (D) ANMERKUNGEN ZEM SCHEMATISCHEN SCHALTPLAN stehen auf Seiten 68 und 69. (F) REMARQUES CONCERNANT LE DIAGRAMME SCHEMATIQUE sont indiquées à la pages 68 et 69.

Figure 81 SCHEMATIC DIAGRAM (2/5)

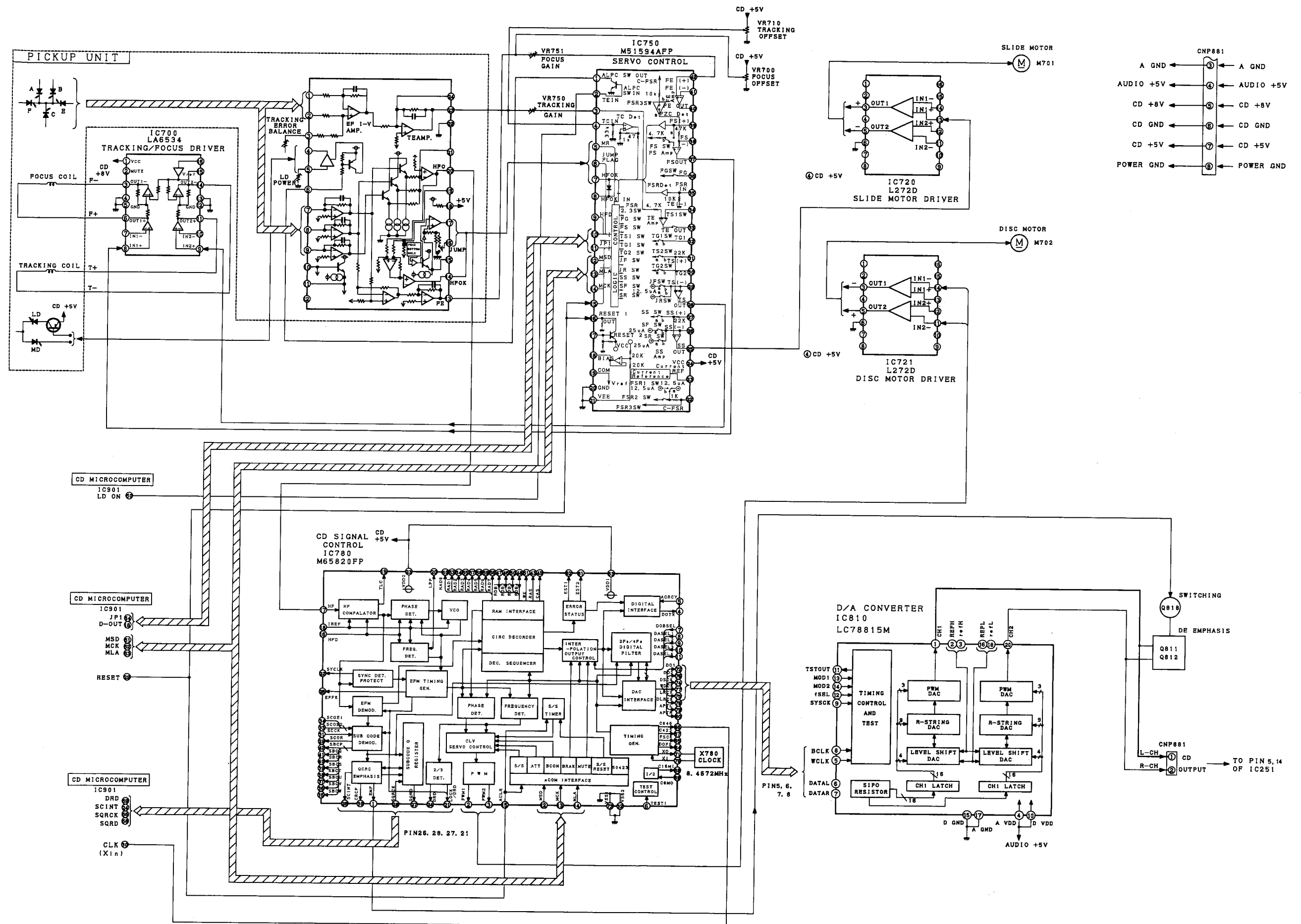


Figure 73 BLOCK DIAGRAM (2/2)

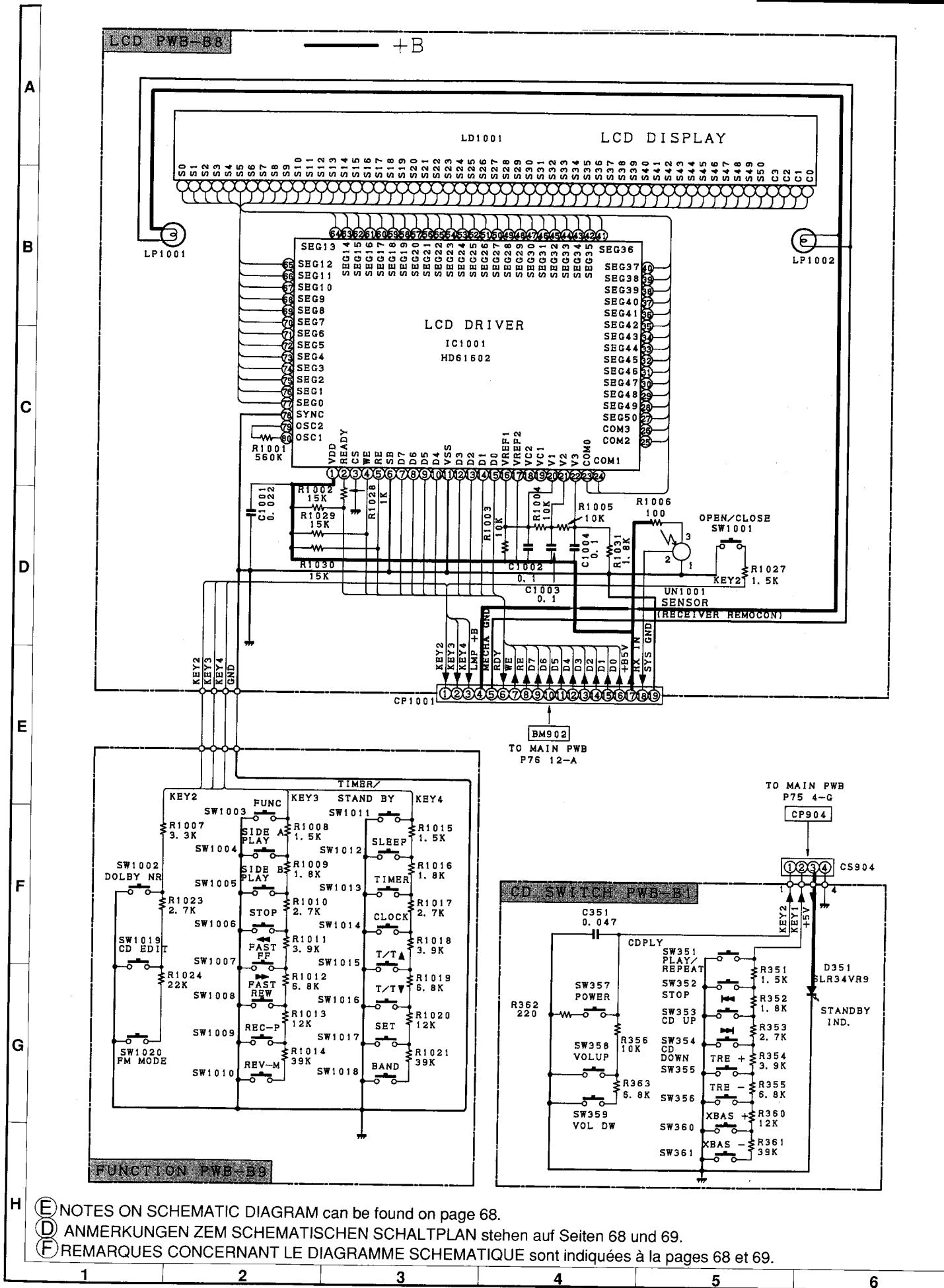


Figure 93 SCHEMATIC DIAGRAM (5/5)

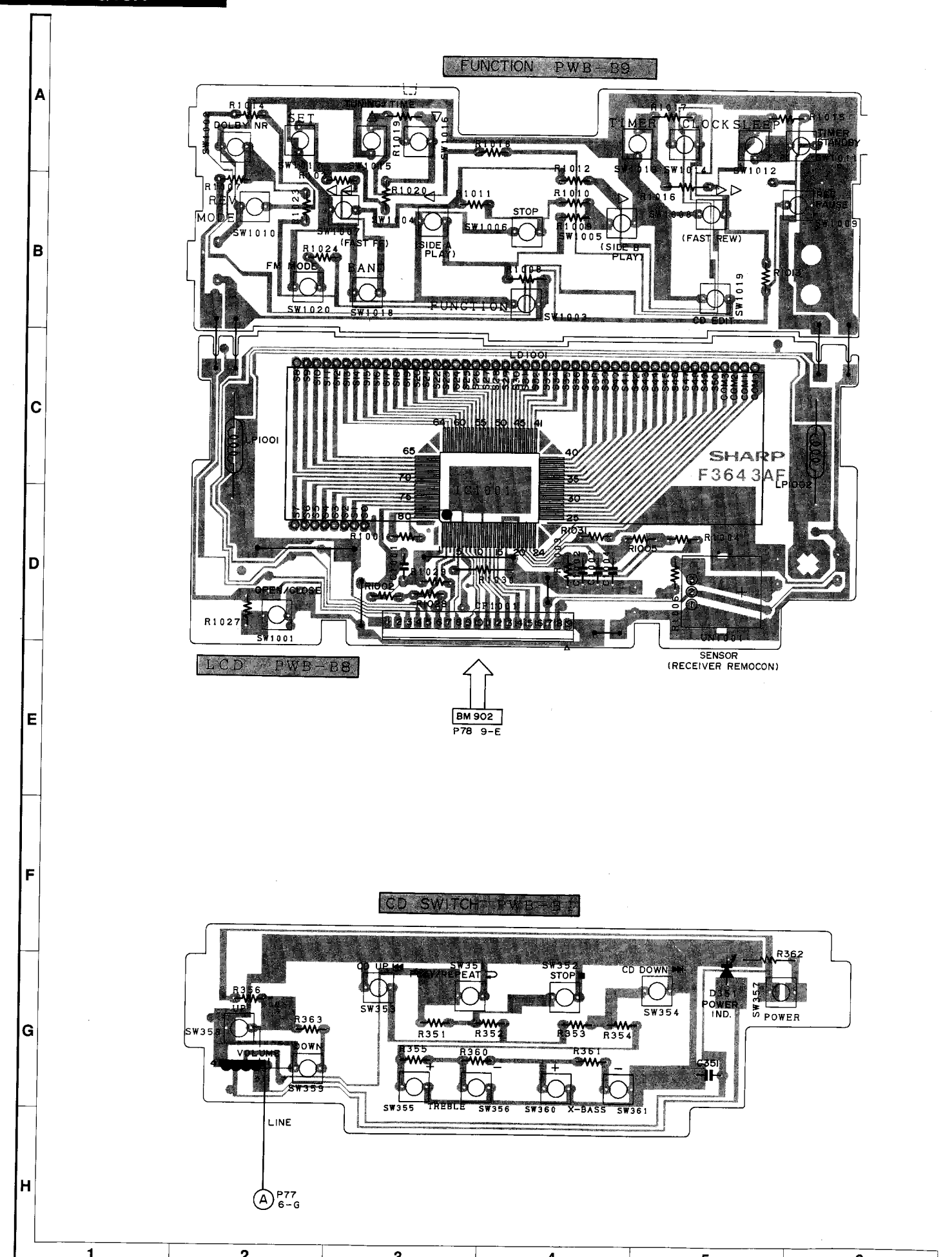


Figure 94 WIRING SIDE OF P.W. BOARD (6/6)

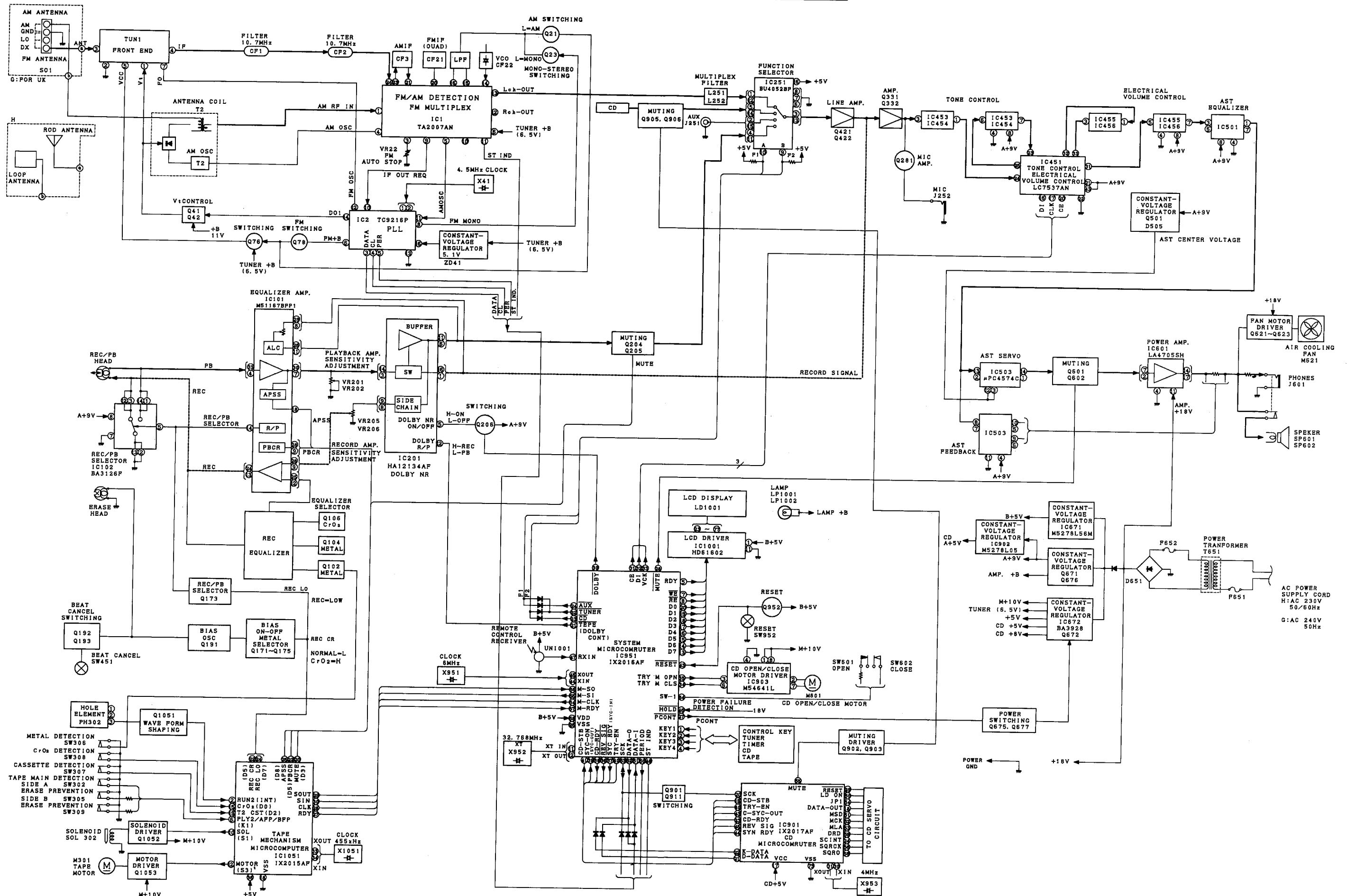


Figure 71 BLOCK DIAGRAM (1/2)