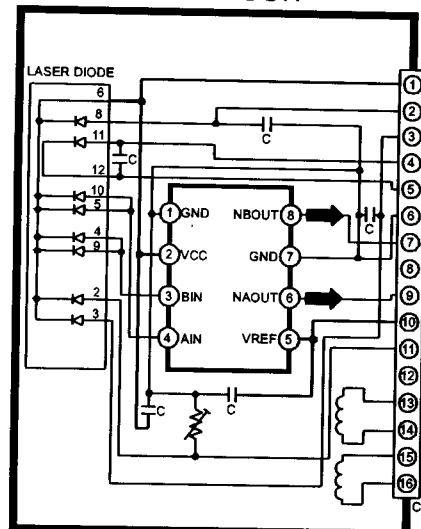


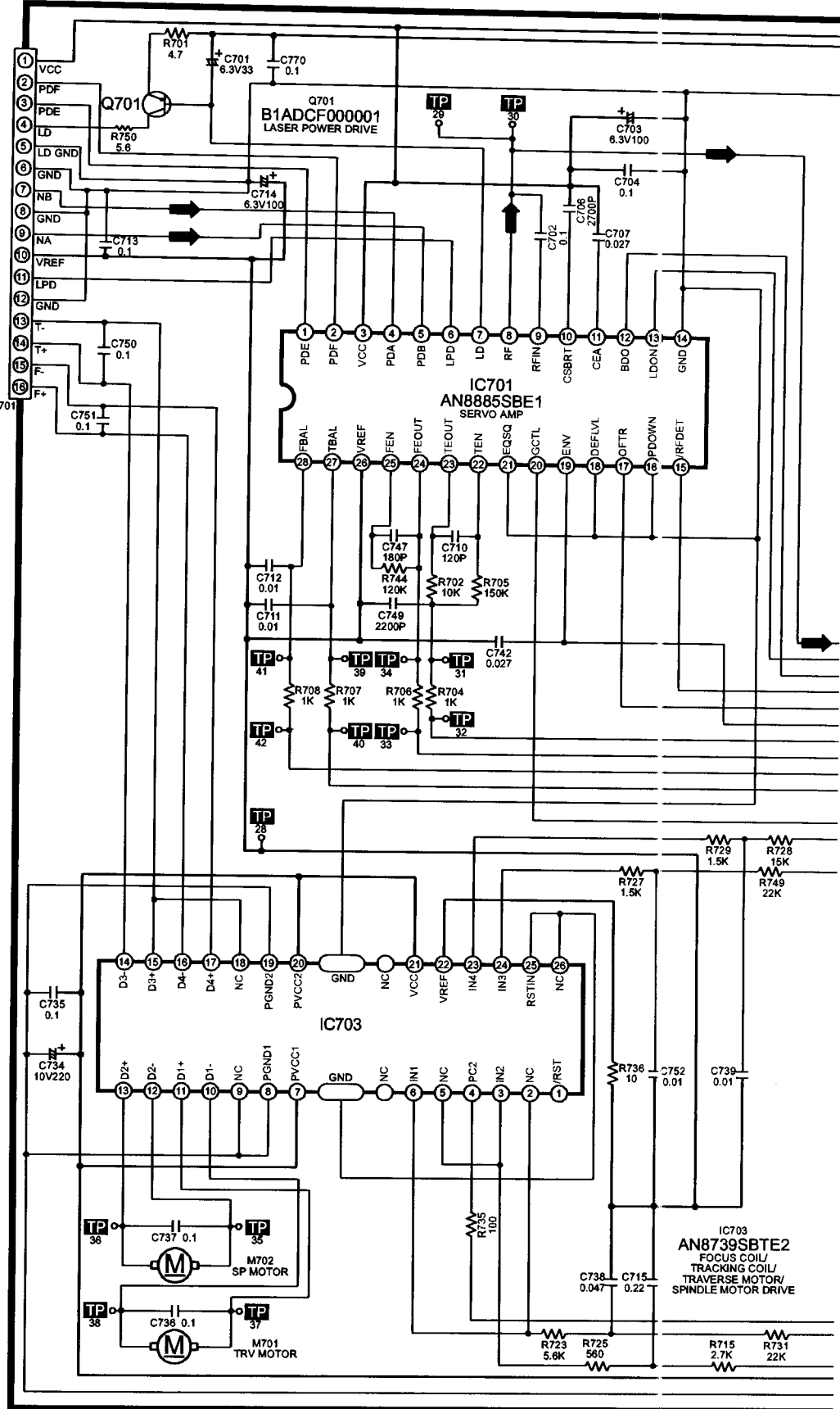
SCHEMATIC DIAGRAM -1

OPTICAL PICKUP CIRCUIT



A CD SERVO CIRCUIT

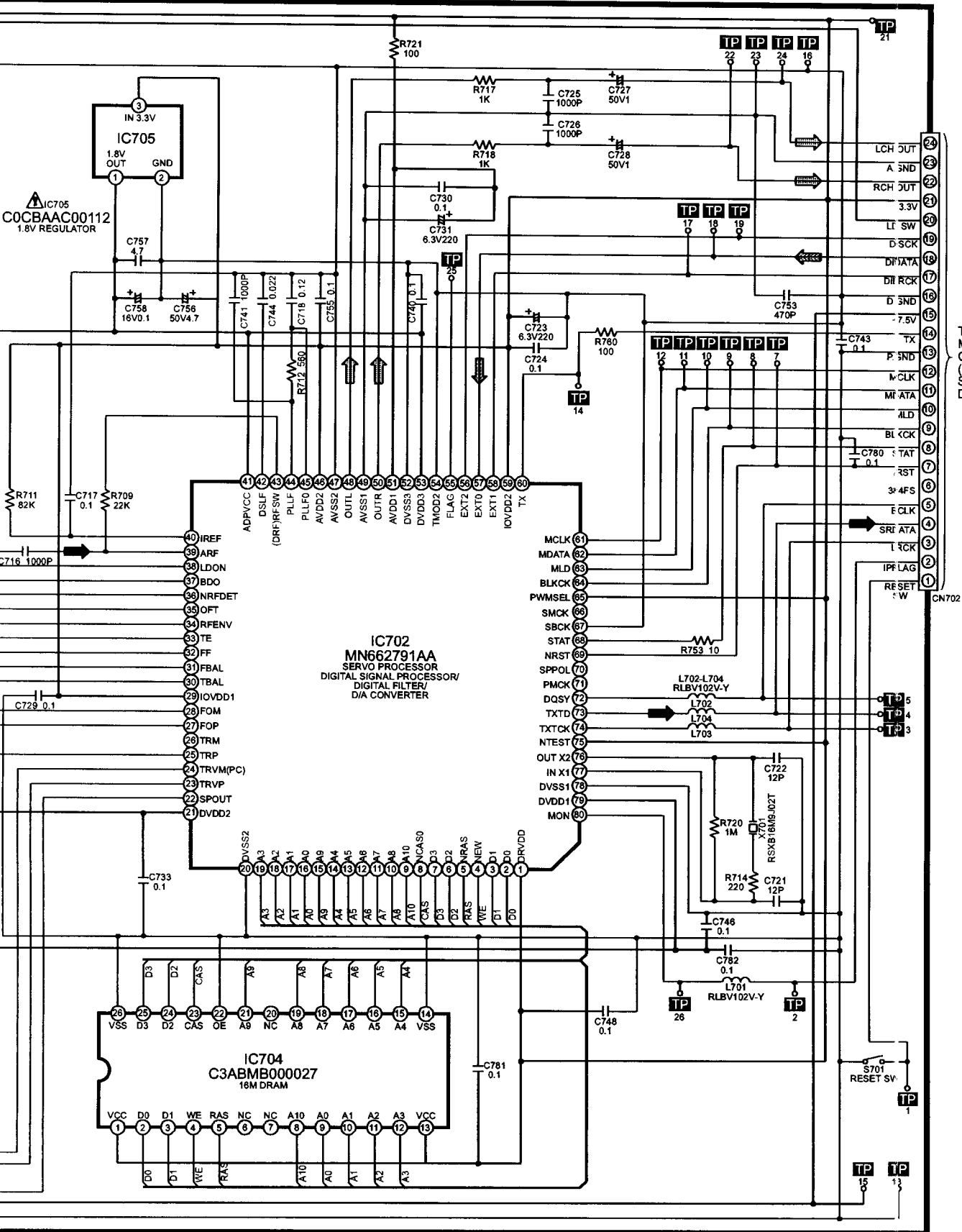
— : +B SIGNAL LINE ➡ : CD-DA SIGNAL LINE



SCHEMATIC DIAGRAM - 2

A CD SERVO CIRCUIT

— : +B SIGNAL LINE ➡ : CD-DA SIGNAL LINE ▤ : CD SIGNAL LINE ▤ : VCD AUDIO SIGNAL LINE



SCHEMATIC DIAGRAM - 4

— : +B SIGNAL LINE

⇨ : FM SIGNAL LINE

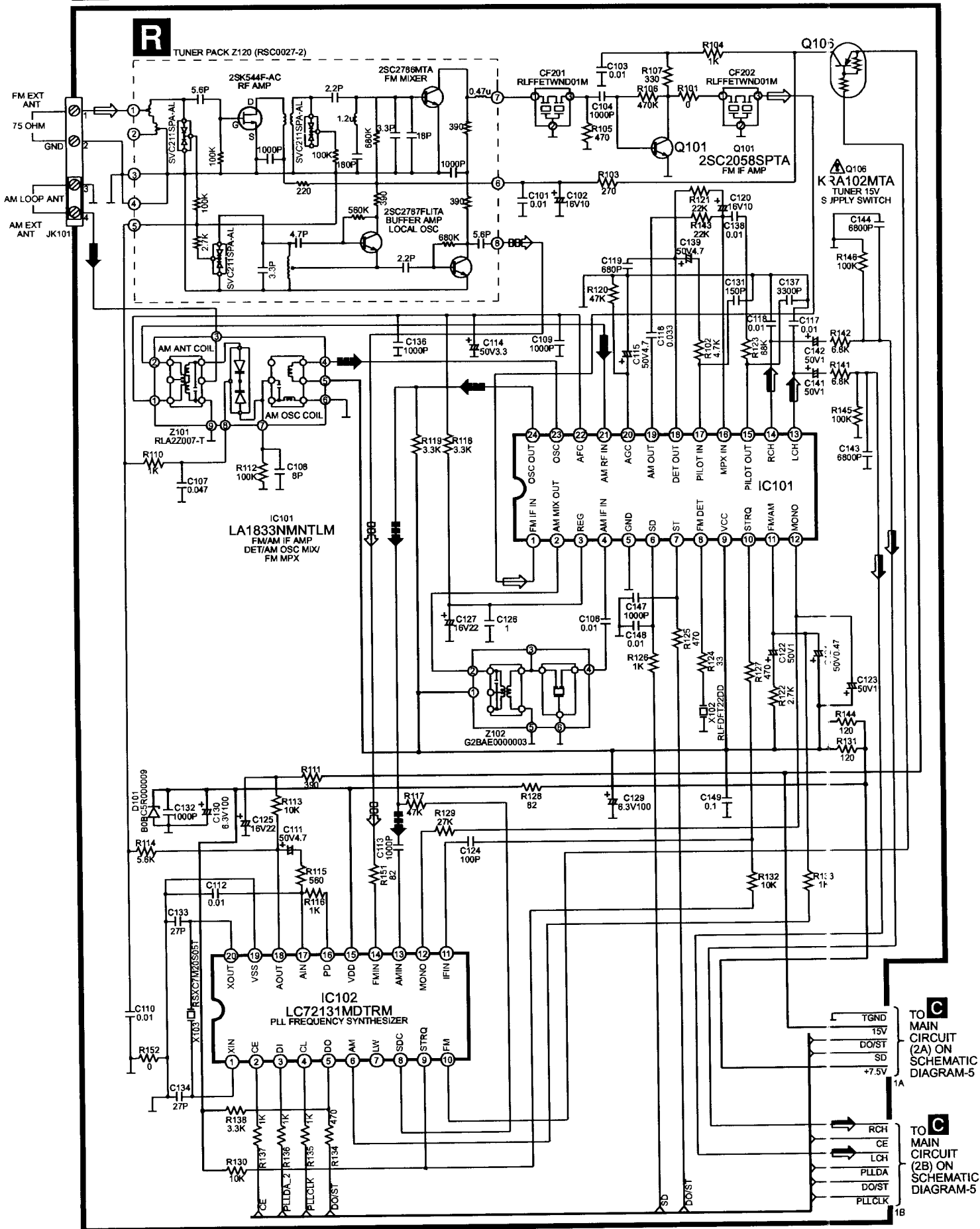
➡ : AM SIGNAL LINE

⇨ : FM/AM SIGNAL LINE

⇨ : FM OSC SIGNAL LINE

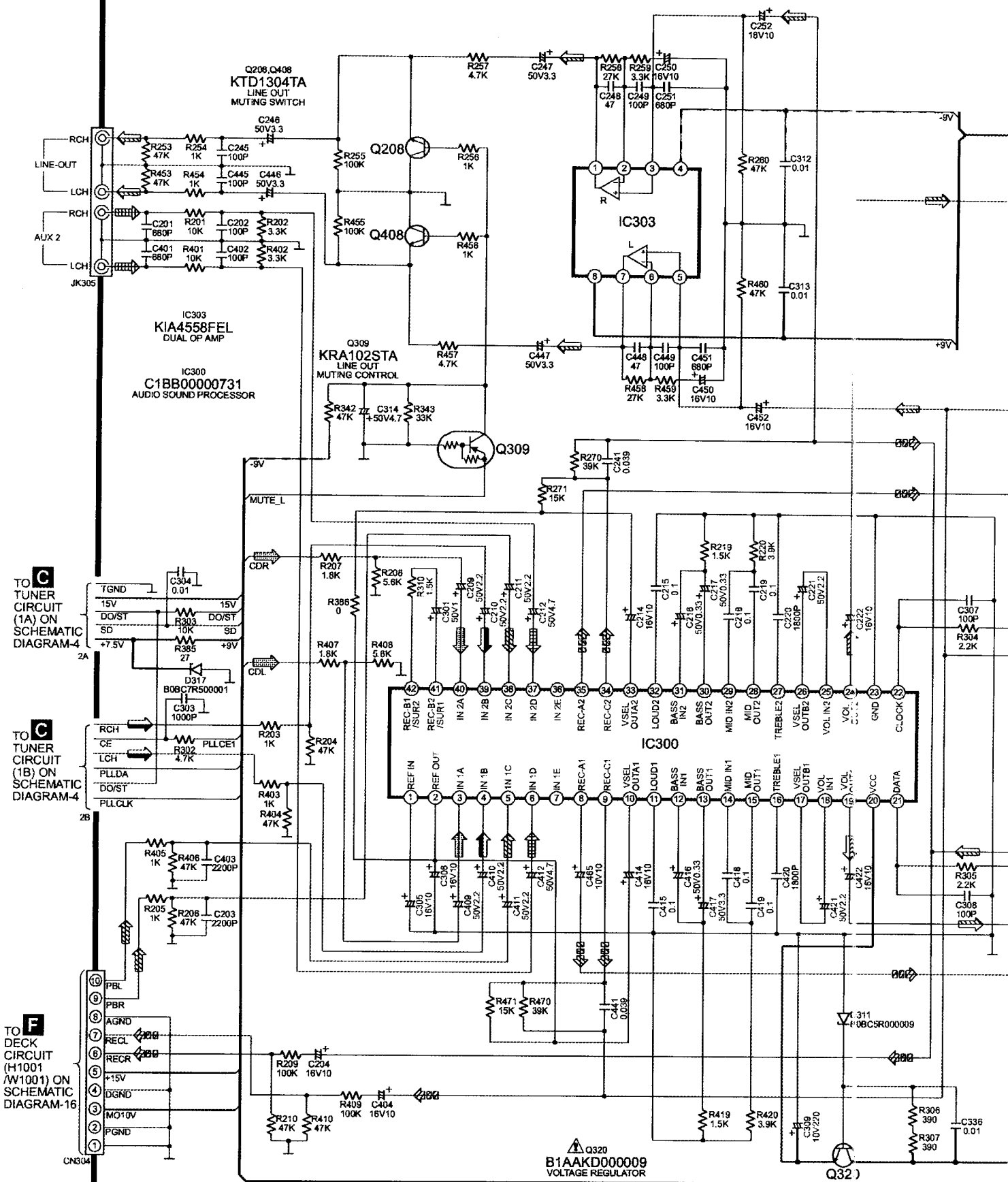
➡ : AM OSC SIGNAL LINE

C TUNER/MAIN CIRCUIT



C

— : +B SIGNAL LINE : CD SIGNAL LINE : AUX SIGNAL LINE : RECORD SIGNAL LINE
 - - : -B SIGNAL LINE : FM/AM SIGNAL LINE : MAIN SIGNAL LINE : PLAYBACK SIGNAL LINE



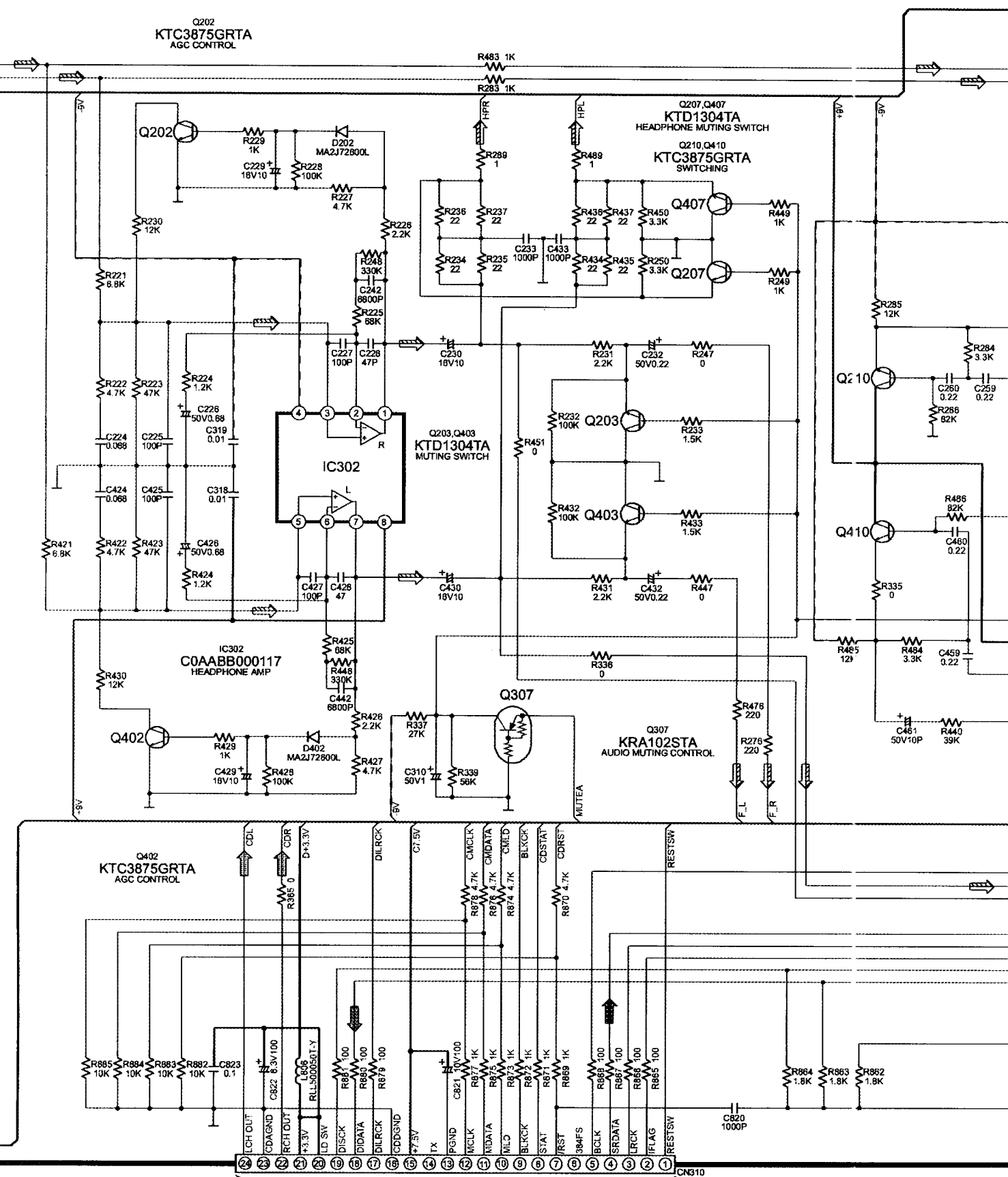
C MAIN CIRCUIT

TO **D**
PANEL CIRCUIT (CP601) ON
SCHEMATIC DIAGRAM-14

TO **P**
CD LOADING CIRCUIT
(CN1) ON SCHEMATIC DIAGRAM-22

C MAIN CIRCUIT

— : +B SIGNAL LINE  : CD SIGNAL LINE  : VCD AUDIO SIGNAL LINE
 - - : -B SIGNAL LINE : CD-DA SIGNAL LINE : MAIN SIGNAL LINE

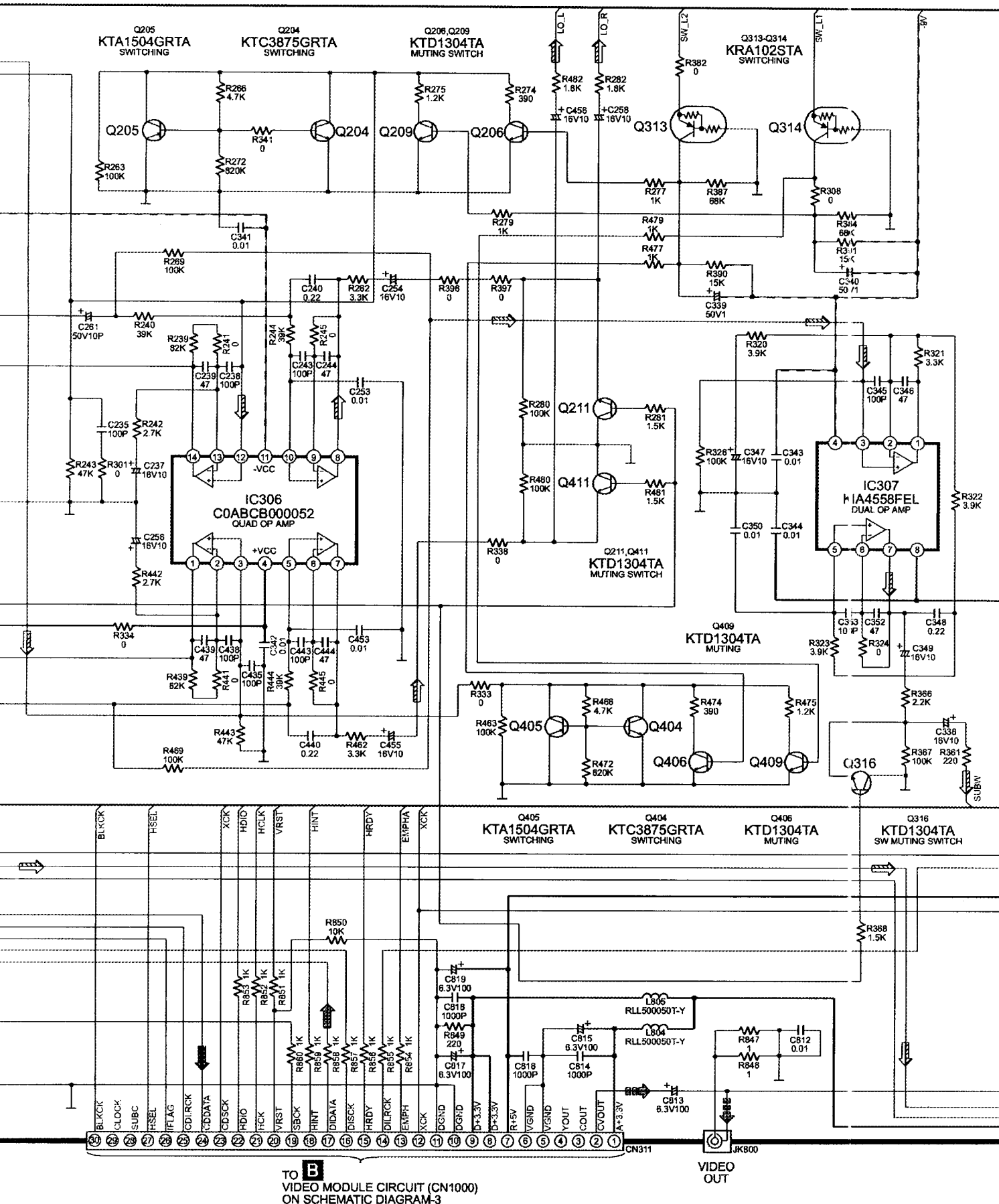


TO **A**
SERVO CIRCUIT (CN702)
ON SCHEMATIC DIAGRAM-2

SCHEMATIC DIAGRAM - 8

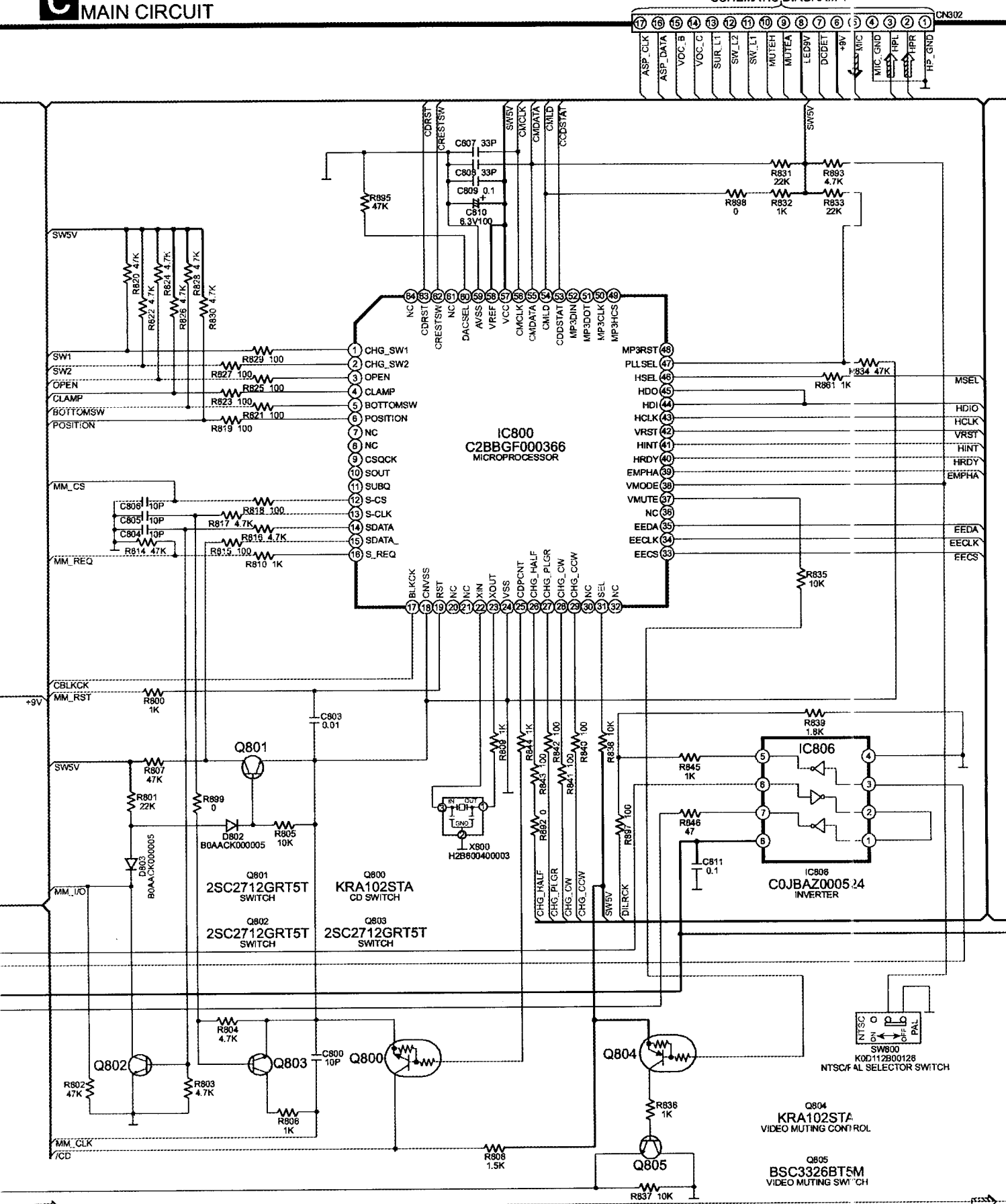
C MAIN CIRCUIT

— : +B SIGNAL LINE  : VCD AUDIO SIGNAL LINE  : CD-DA SIGNAL LINE
 - - : -B SIGNAL LINE  : VCD VIDEO SIGNAL LINE



C MAIN CIRCUIT

TO **D**
PANEL CIRCUIT (CP600) : ON
SCHEMATIC DIAGRAM-14

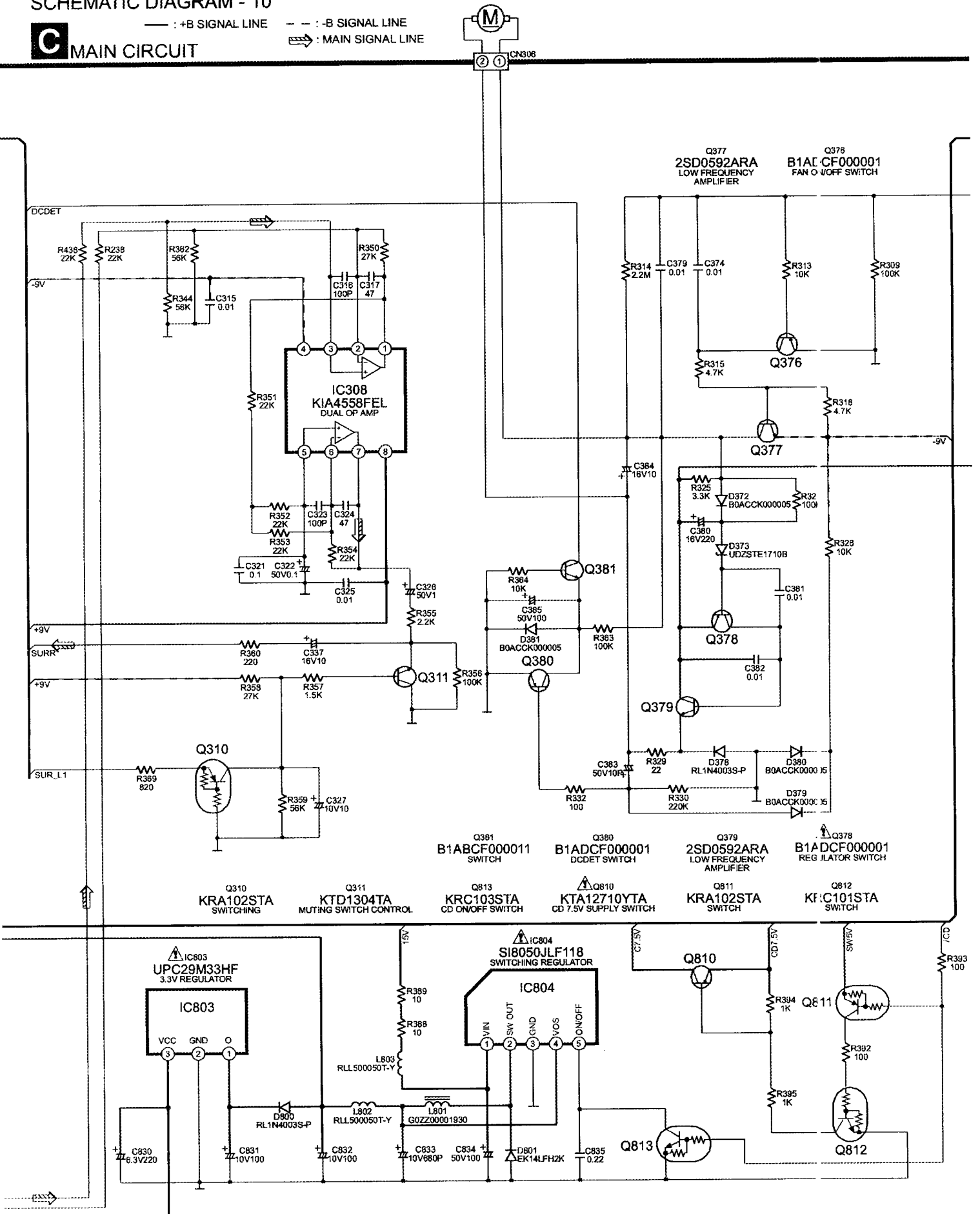


SCHEMATIC DIAGRAM - 10

C

MAIN CIRCUIT

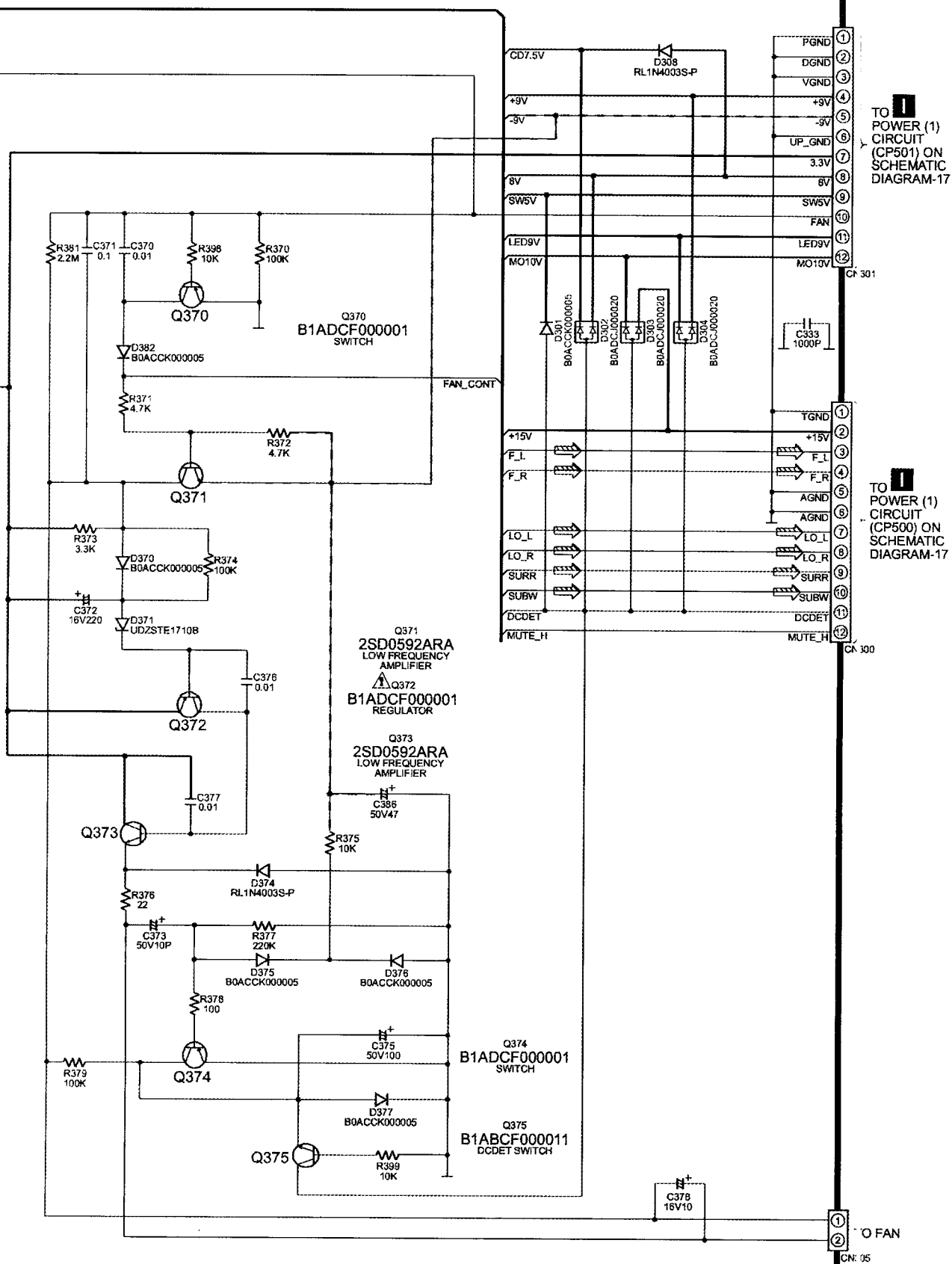
— : +B SIGNAL LINE - - - : -B SIGNAL LINE
 : MAIN SIGNAL LINE



SCHEMATIC DIAGRAM - 11

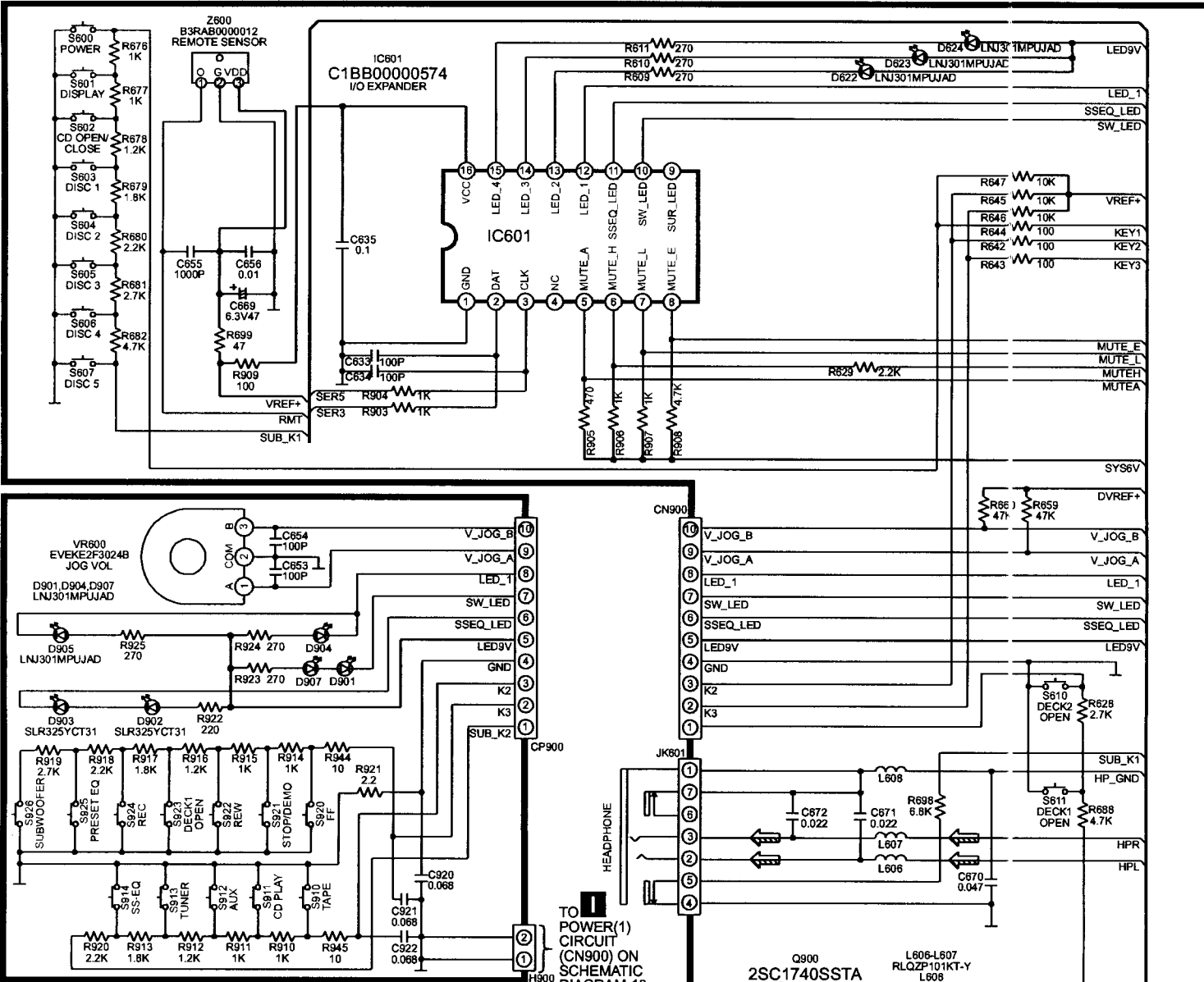
C MAIN CIRCUIT

— : +B SIGNAL LINE - - : -B SIGNAL LINE ⇨ : MAIN SIGNAL LINE

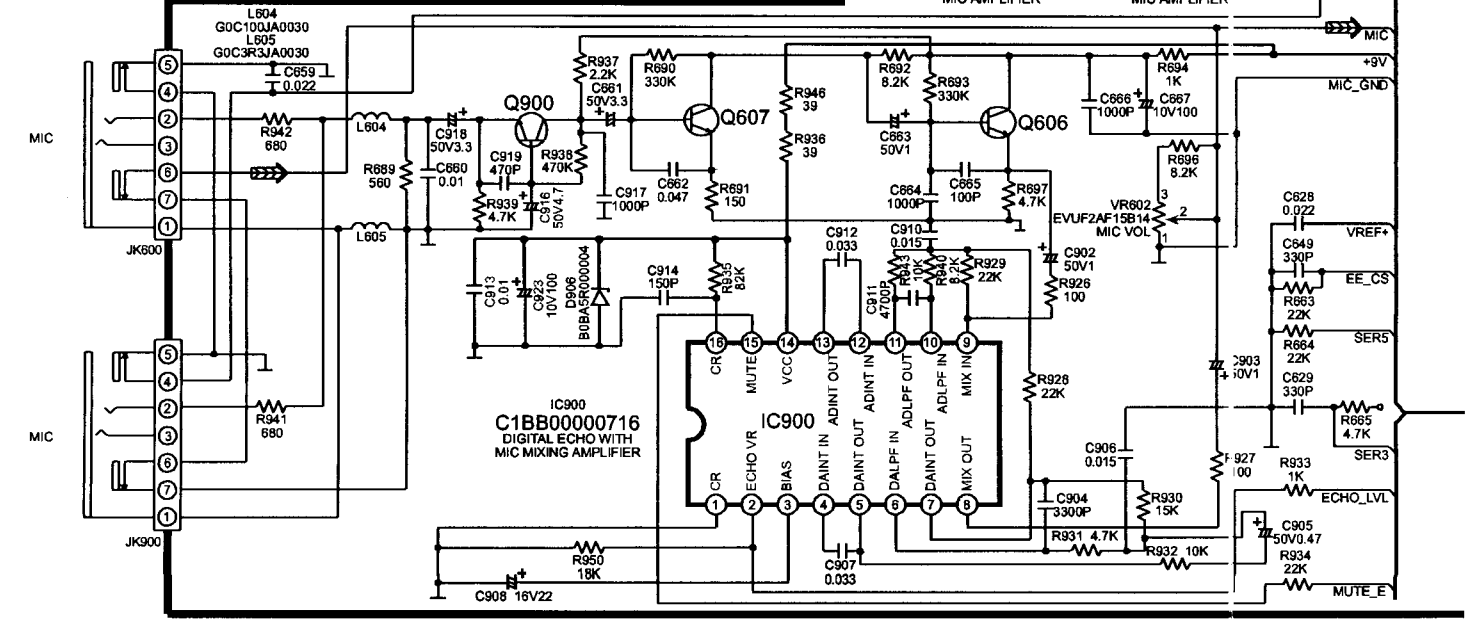


SCHEMATIC DIAGRAM - 12

D PANEL CIRCUIT



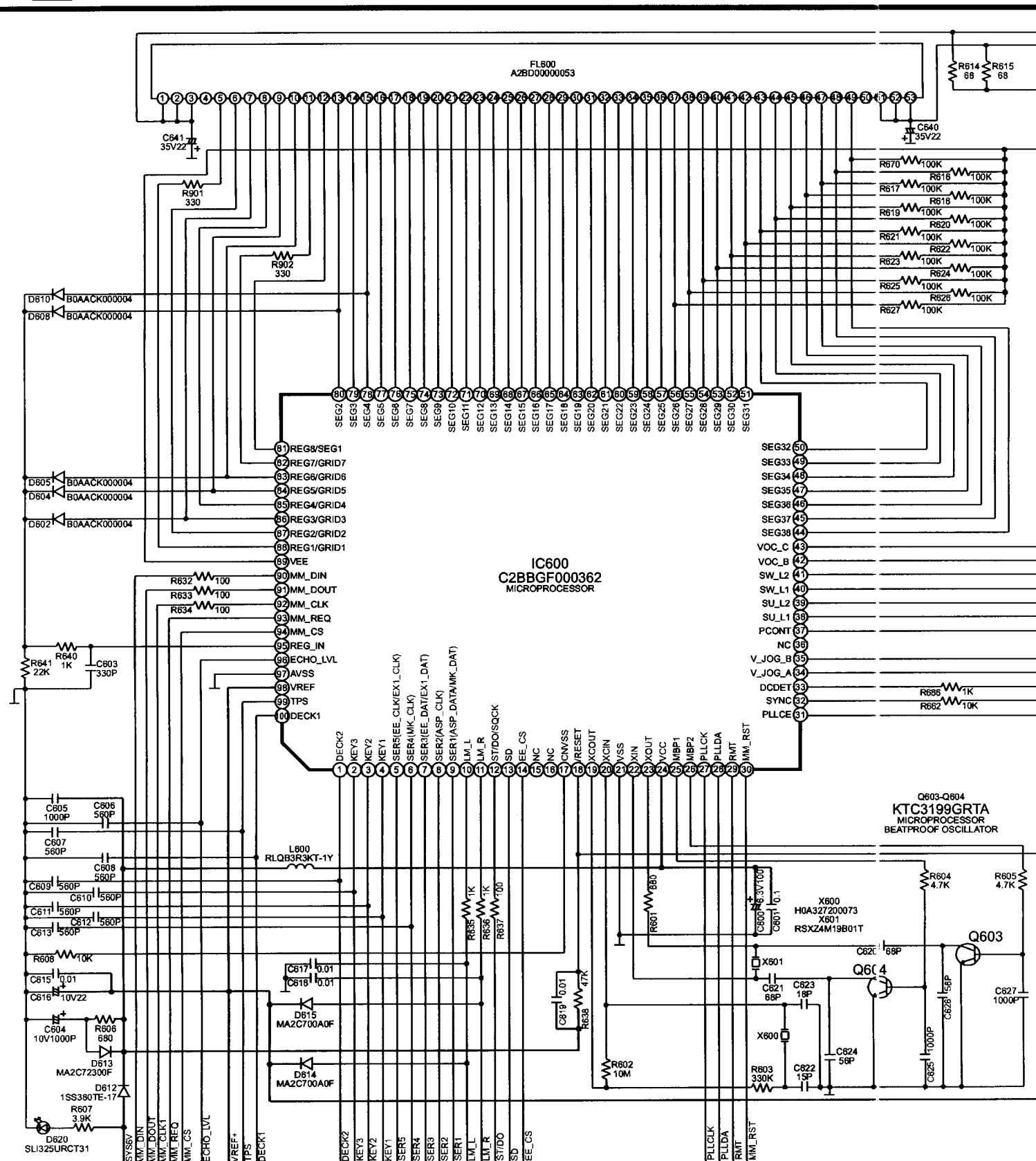
E TACT SWITCH CIRCUIT



D

— +B SIGNAL LINE

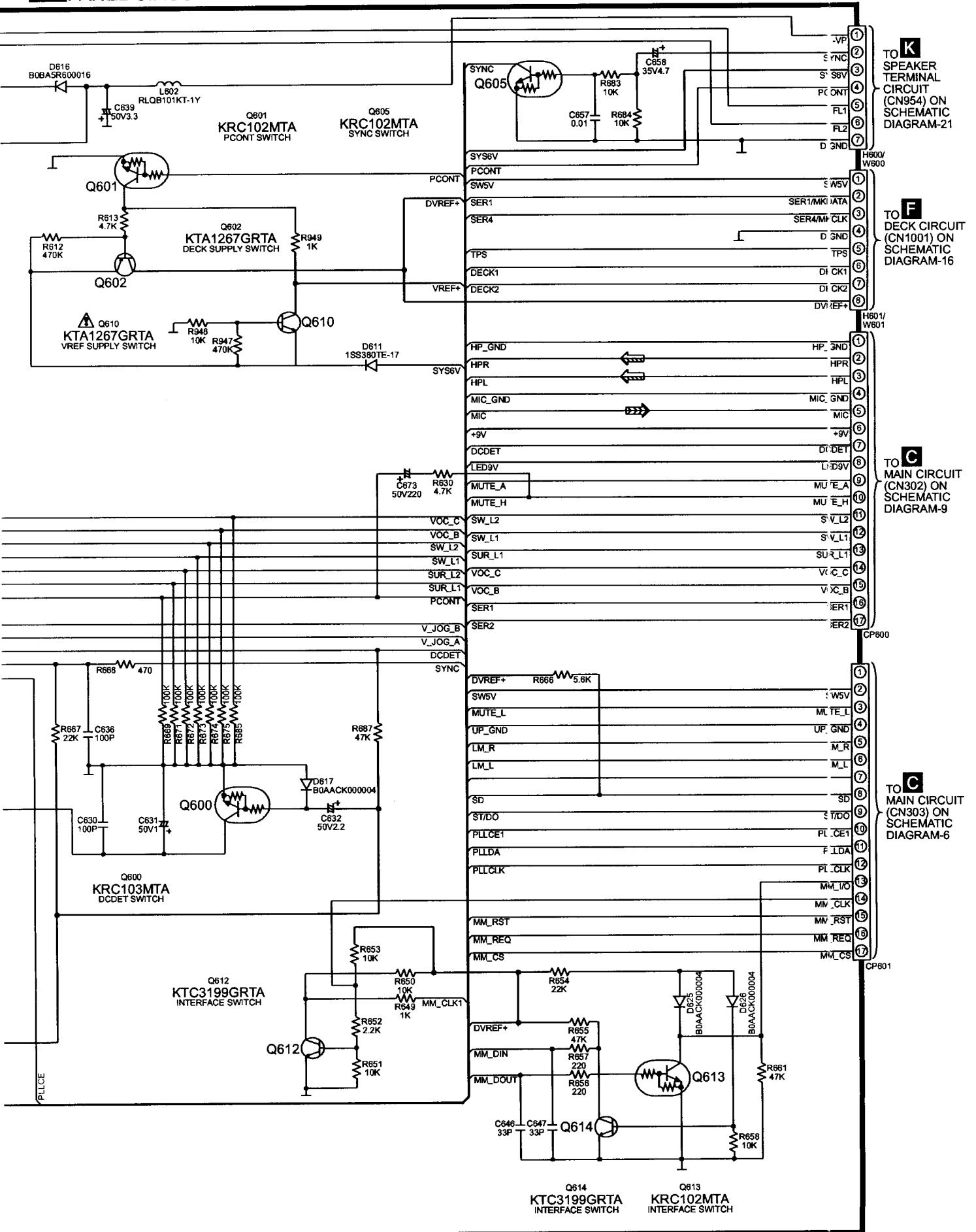
— — : -B SIGNAL LINE



SCHEMATIC DIAGRAM - 14

D PANEL CIRCUIT

— : +B SIGNAL LINE - - : -B SIGNAL LINE ➡ : MAIN SIGNAL LINE ⬅ : MIC SIGNAL LINE



— : +B SIGNAL LINE : PLAYBACK SIGNAL LINE
 - - : -B SIGNAL LINE : RECORD SIGNAL LINE

The diagram illustrates a Hi-Fi amplifier circuit with the following components and connections:

- IC1004 (C1AA00000612):** HIGH VOLTAGE AUDIO HEAD SELECTION. Pins 1-5 are connected to VCC, and pins 2-5 are connected to H=OFF. It includes a TP (Test Point) and a 4-pin connector.
- IC1001 (AN7348S-E1):** P.B. EQ/REC AMP/ALC/TPS AMP. It includes a NOR/CRO & HI/LO LOGIC section and a RIPLE REJECTION section. It has a 12-pin connector and a 4-pin connector.
- Transistors:** Q1001, Q1002, Q1003, Q1004, Q1005, Q1006, Q1007, Q1008, Q1009, Q1010. These are connected to various bias and signal lines.
- Diodes:** D1003, D1004. These are connected to the bias and signal lines.
- Resistors:** R1001, R1002, R1003, R1004, R1005, R1006, R1007, R1008, R1009, R1010, R1011, R1012, R1013, R1014, R1015, R1016, R1017, R1018, R1019, R1020, R1021, R1022, R1023, R1024, R1025, R1026, R1027, R1028, R1029, R1030, R1031, R1032, R1033, R1034, R1035, R1036, R1037, R1038, R1039, R1040, R1041, R1042, R1043, R1044, R1045, R1046, R1047, R1048, R1049, R1050, R1051, R1052, R1053, R1054, R1055, R1056, R1057, R1058, R1059, R1060, R1061, R1062, R1063, R1064, R1065, R1066, R1067, R1068, R1069, R1070, R1071, R1072, R1073, R1074, R1075, R1076, R1077, R1078, R1079, R1080, R1081, R1082, R1083, R1084, R1085, R1086, R1087, R1088, R1089, R1090, R1091, R1092, R1093, R1094, R1095, R1096, R1097, R1098, R1099.
- Capacitors:** C1001, C1002, C1003, C1004, C1005, C1006, C1007, C1008, C1009, C1010, C1011, C1012, C1013, C1014, C1015, C1016, C1017, C1018, C1019, C1020, C1021, C1022, C1023, C1024, C1025, C1026, C1027, C1028, C1029, C1030, C1031, C1032, C1033, C1034, C1035, C1036, C1037, C1038, C1039, C1040, C1041, C1042, C1043, C1044, C1045, C1046, C1047, C1048.
- Other components:** L1001, L1002, L1003, L1004, L1005, L1006, L1007, L1008, L1009, L1010, L1011, L1012, L1013, L1014, L1015, L1016, L1017, L1018, L1019, L1020, L1021, L1022, L1023, L1024, L1025, L1026, L1027, L1028, L1029, L1030, L1031, L1032, L1033, L1034, L1035, L1036, L1037, L1038, L1039, L1040, L1041, L1042, L1043, L1044, L1045, L1046, L1047, L1048, L1049, L1050, L1051, L1052, L1053, L1054, L1055, L1056, L1057, L1058, L1059, L1060, L1061, L1062, L1063, L1064, L1065, L1066, L1067, L1068, L1069, L1070, L1071, L1072, L1073, L1074, L1075, L1076, L1077, L1078, L1079, L1080, L1081, L1082, L1083, L1084, L1085, L1086, L1087, L1088, L1089, L1090, L1091, L1092, L1093, L1094, L1095, L1096, L1097, L1098, L1099.

The diagram is a detailed schematic of a Hi-Fi amplifier, showing the internal circuitry of the ICs and the external components. It includes a pinout for IC1001 at the bottom right.

IC951
CNB13030R2AU
PHOTO INTERRUPTER

MODE (1)
D1_CRO2 (2)
PL (4)
GND (3)
PHOTO_T (5)
HALF (6)
STBY_5V (7)
VREF_GND (8)
PHOTO_S (9)

S951
S953
S952
R952 820
R953 39K
D951 MAZC16500E

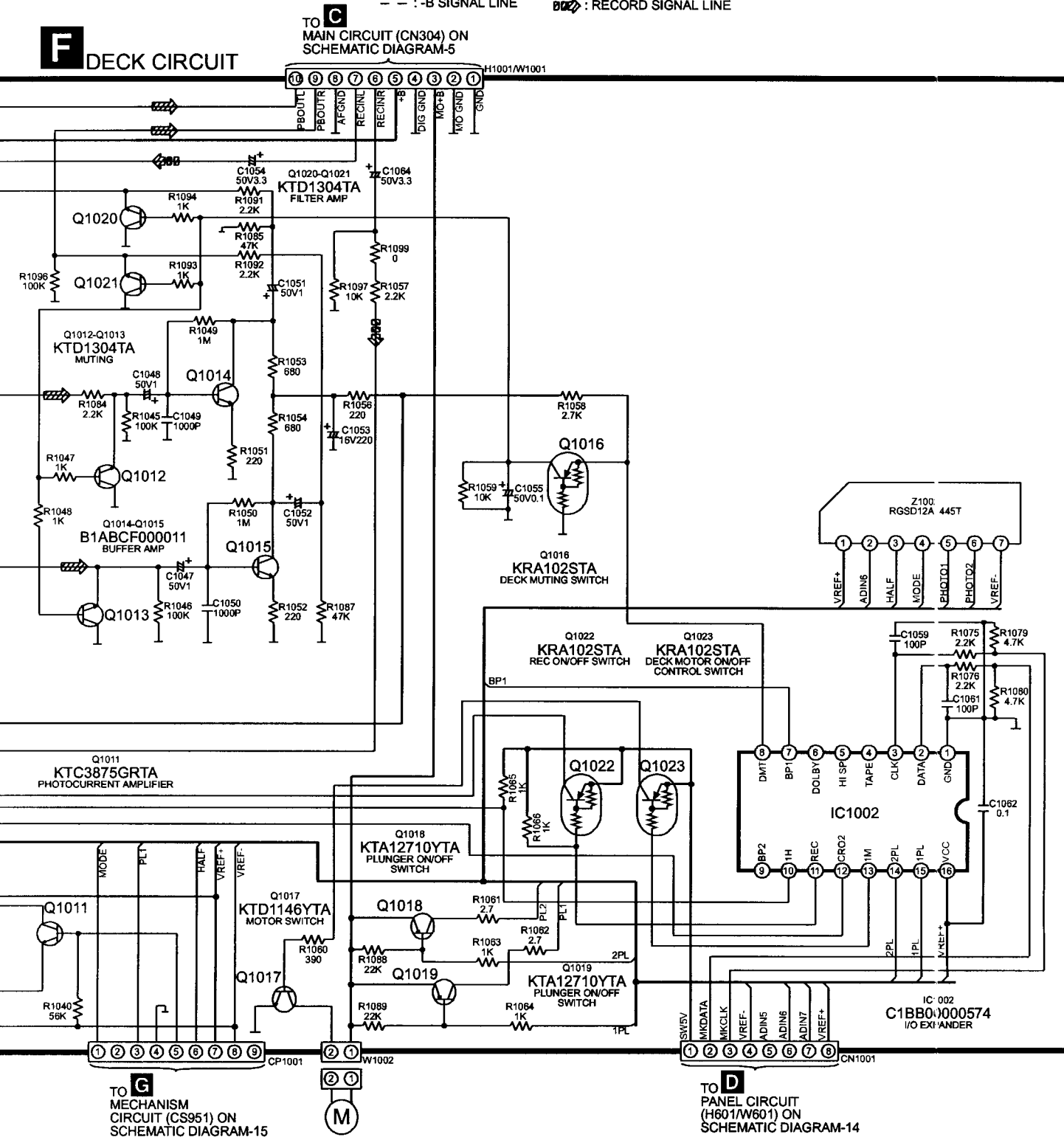
IC951

[illegible]

SCHEMATIC DIAGRAM - 16

— : +B SIGNAL LINE
 - - : -B SIGNAL LINE
 ▨ : PLAYBACK SIGNAL LINE
 ▩ : RECORD SIGNAL LINE

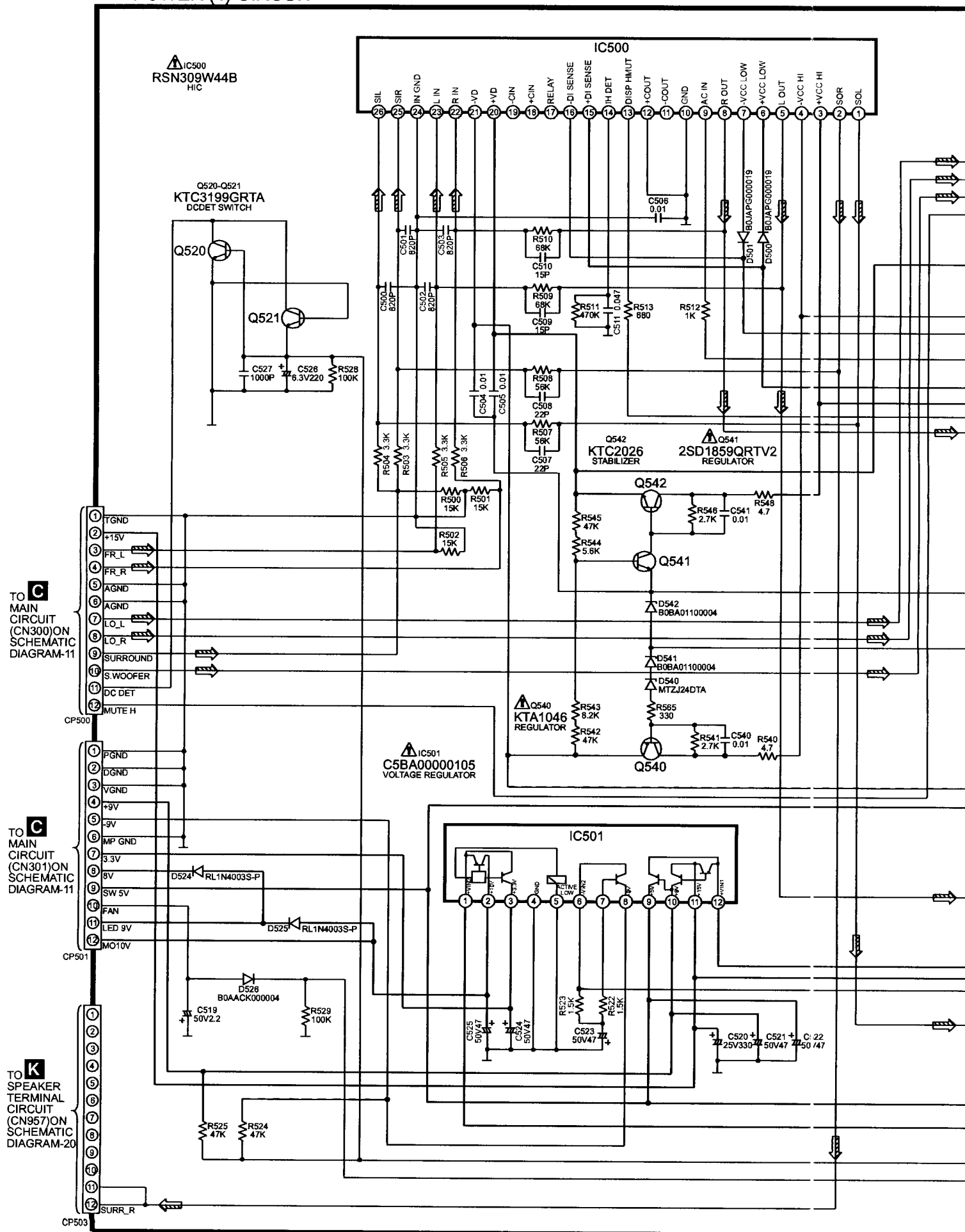
F DECK CIRCUIT



— : +B SIGNAL LINE

— — : -B SIGNAL LINE

 : MAIN SIGNAL LINE



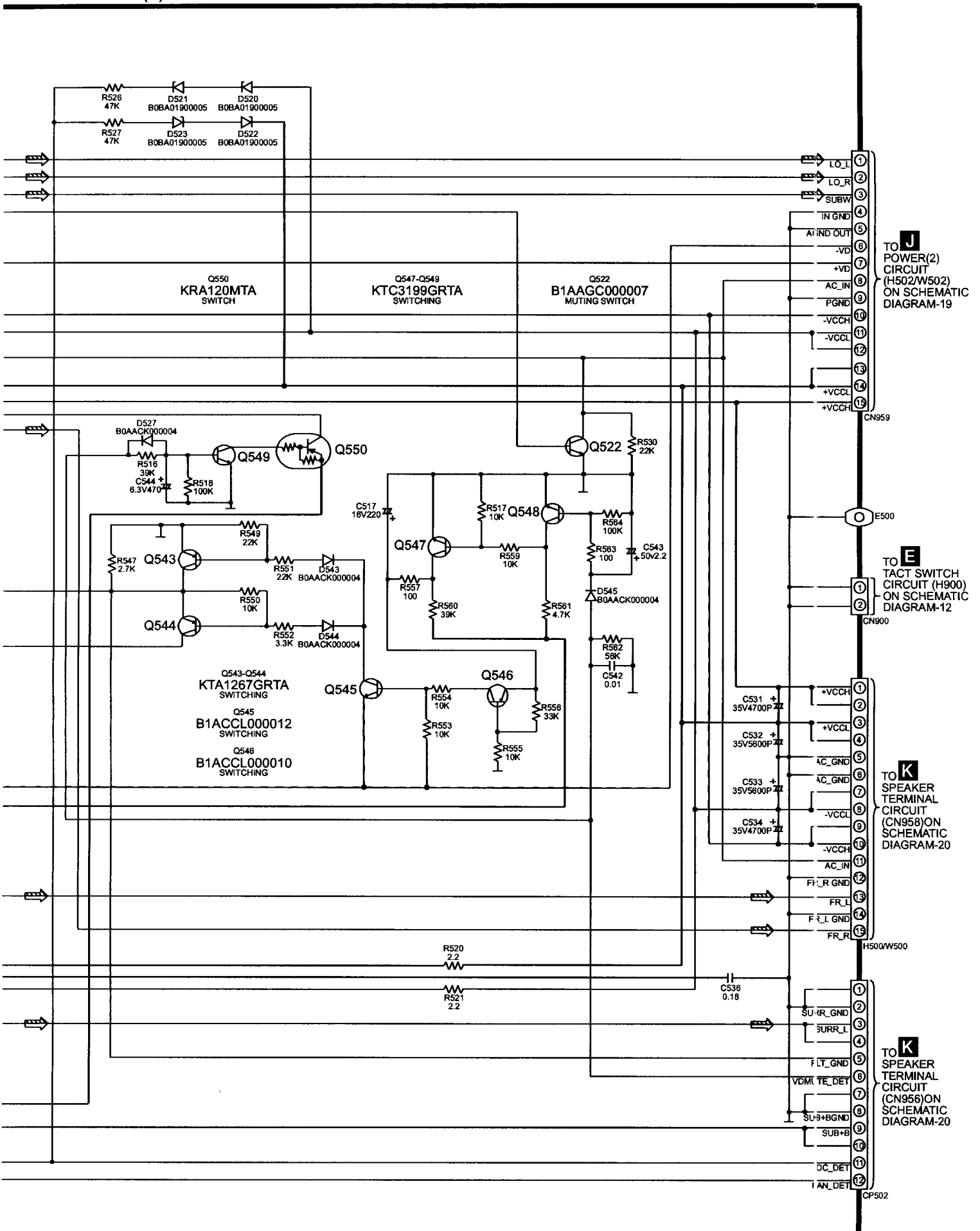
SCHEMATIC DIAGRAM - 18

— : +B SIGNAL LINE

- - - : -B SIGNAL LINE

⇒ : MAIN SIGNAL LINE

POWER (1) CIRCUIT



SCHEMATIC DIAGRAM - 19

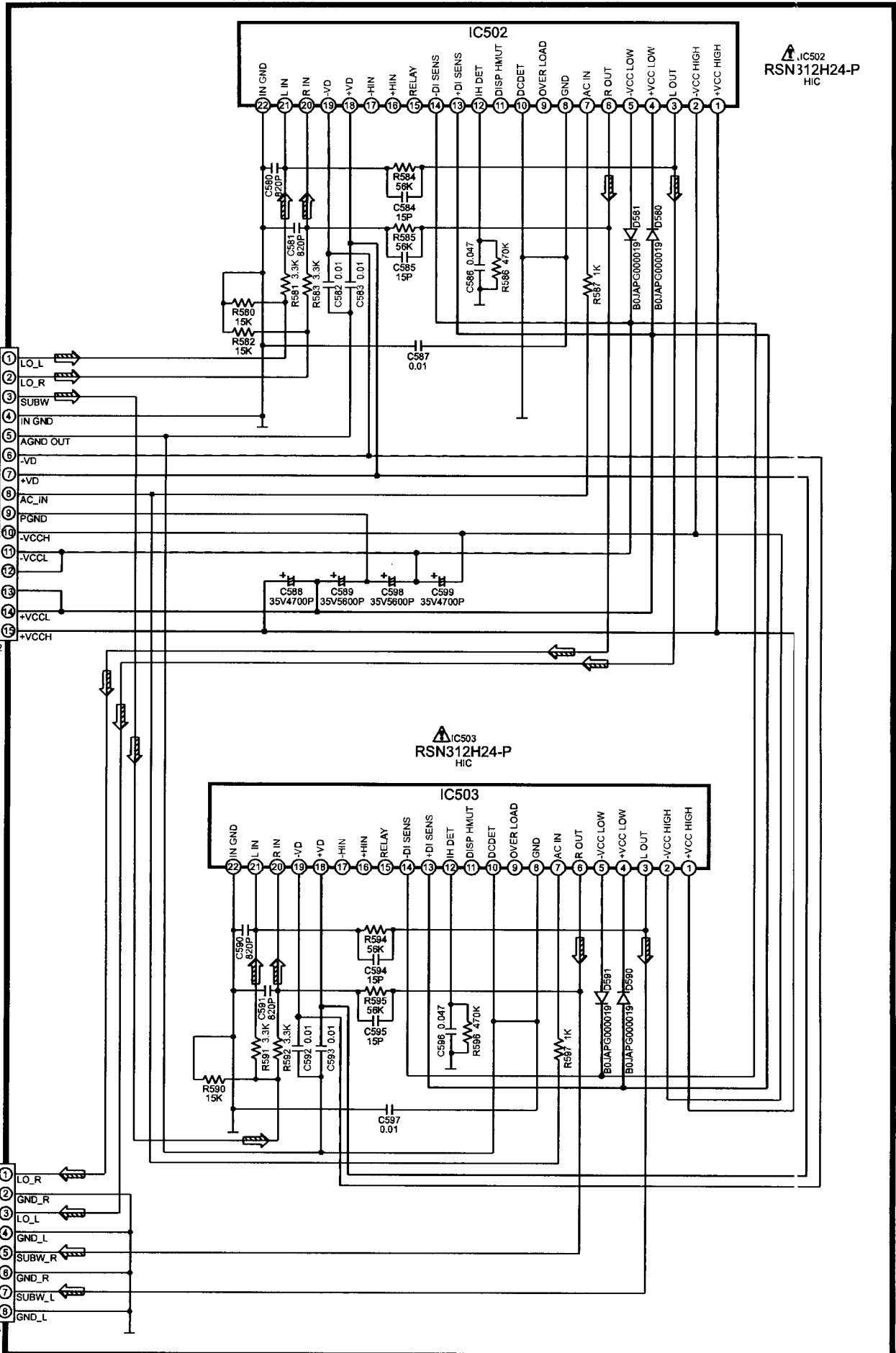
J

POWER CIRCUIT (2)

— : +B SIGNAL LINE

- - - : -B SIGNAL LINE

⇒ : MAIN SIGNAL LINE



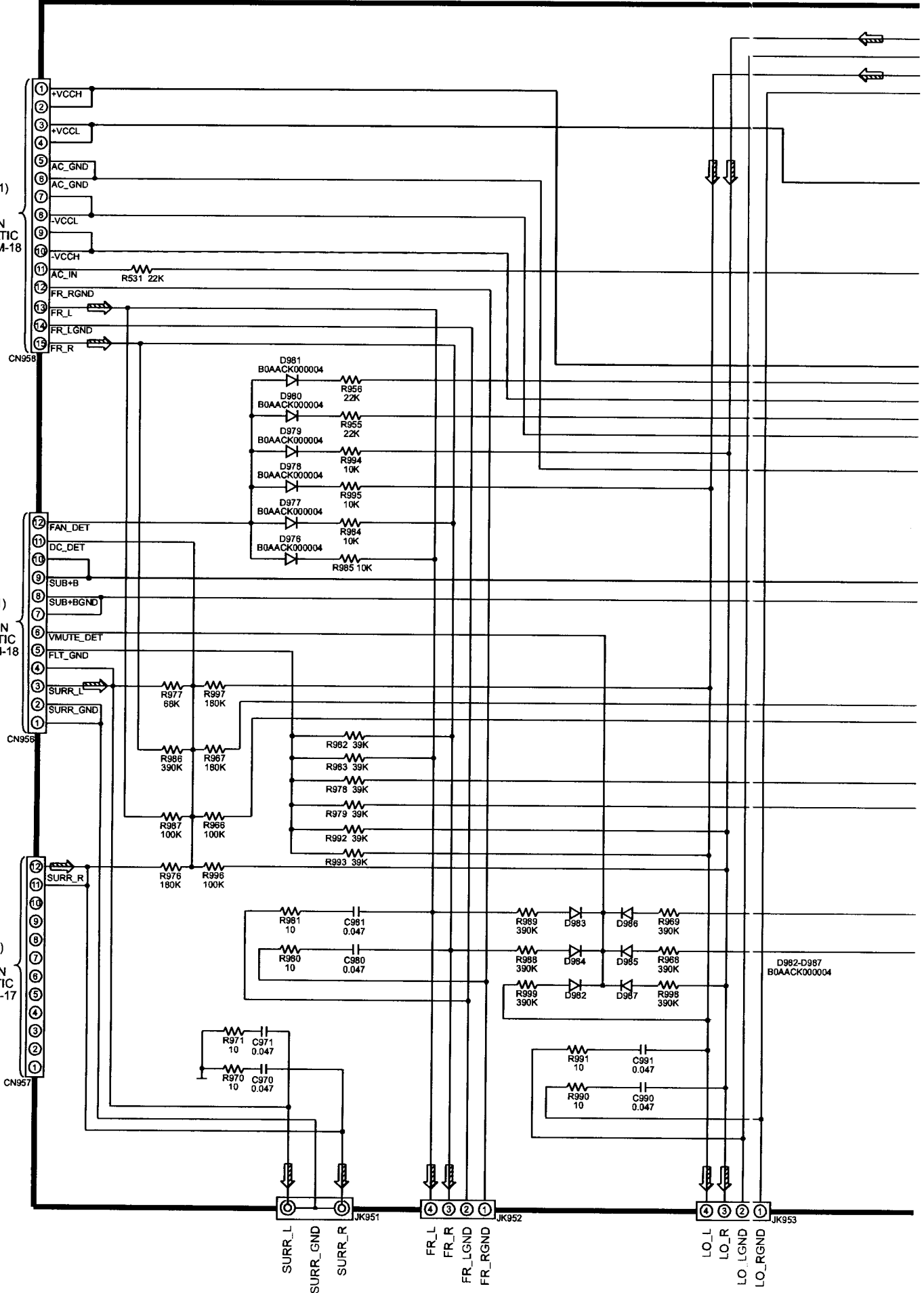
SCHEMATIC DIAGRAM - 20

K — : +B SIGNAL LINE - - : -B SIGNAL LINE ⇨ : MAIN SIGNAL LINE
SPEAKER TERMINAL CIRCUIT

TO POWER(1)
CIRCUIT
(H500/
W500) ON
SCHEMATIC
DIAGRAM-18

TO POWER(1)
CIRCUIT
(CP502) ON
SCHEMATIC
DIAGRAM-18

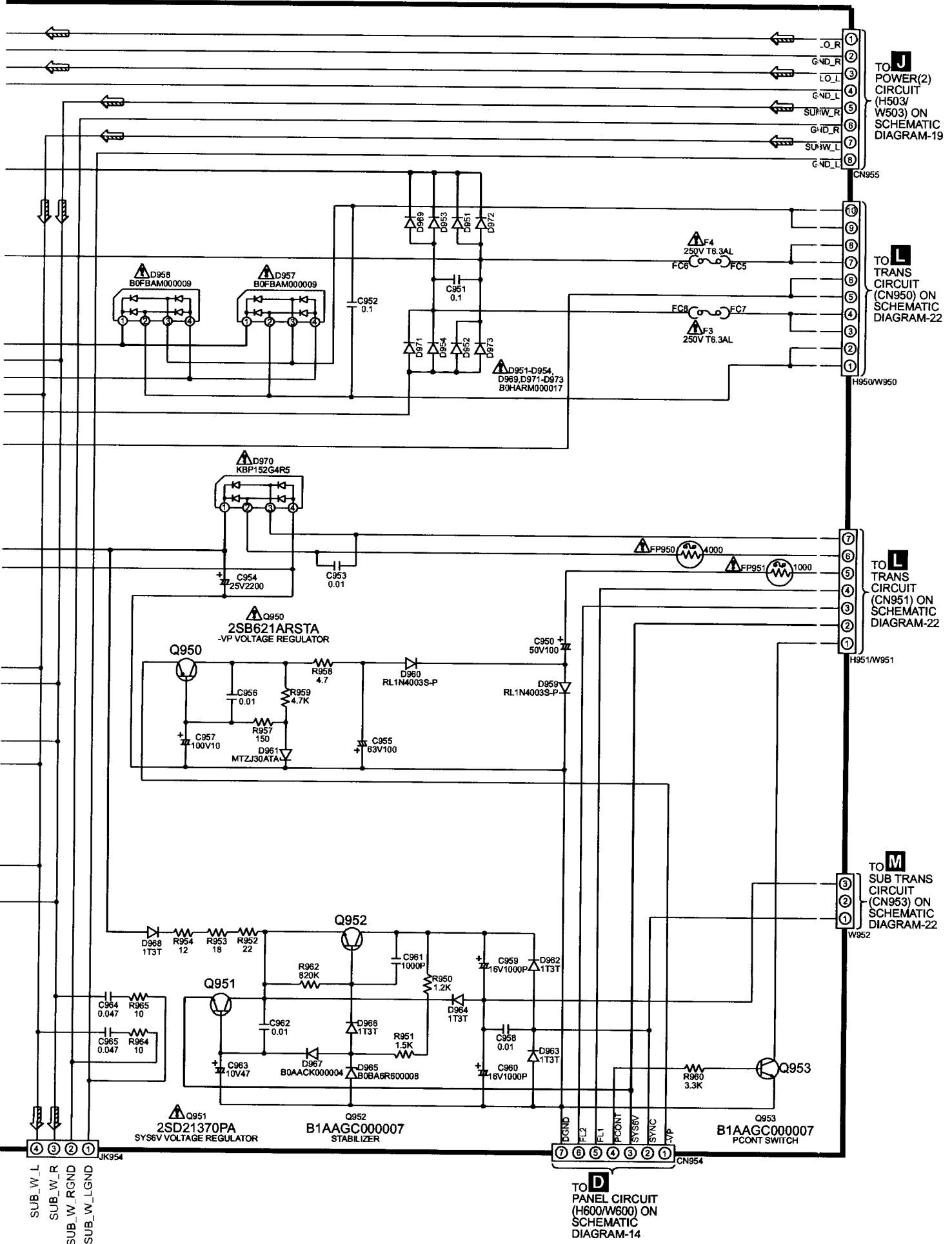
TO POWER(1)
CIRCUIT
(CP503) ON
SCHEMATIC
DIAGRAM-17



SCHEMATIC DIAGRAM - 21

K — : +B SIGNAL LINE - - : -B SIGNAL LINE ➡ : MAIN SIGNAL LINE

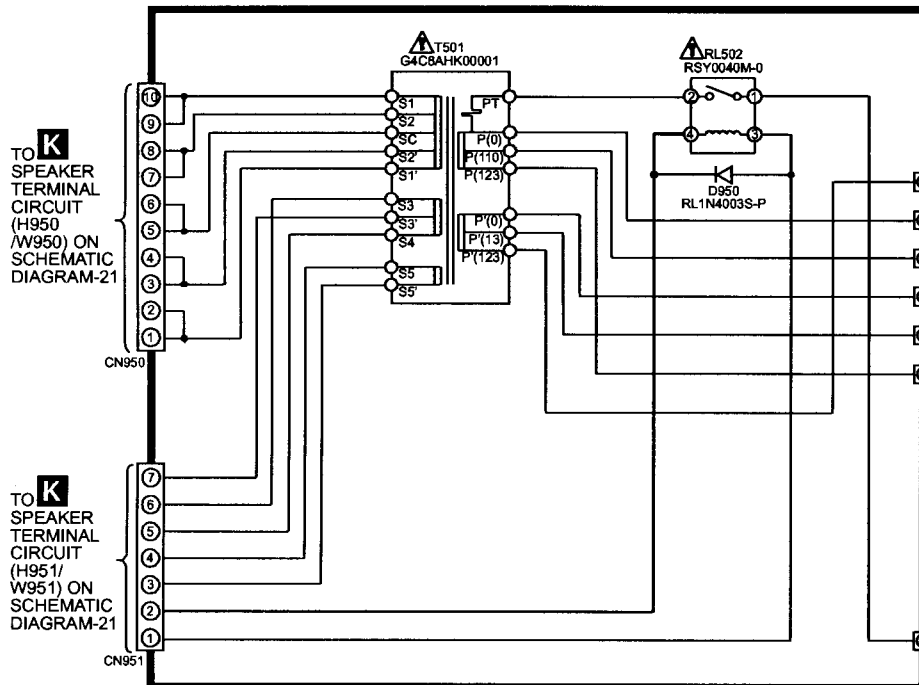
SPEAKER TERMINAL CIRCUIT



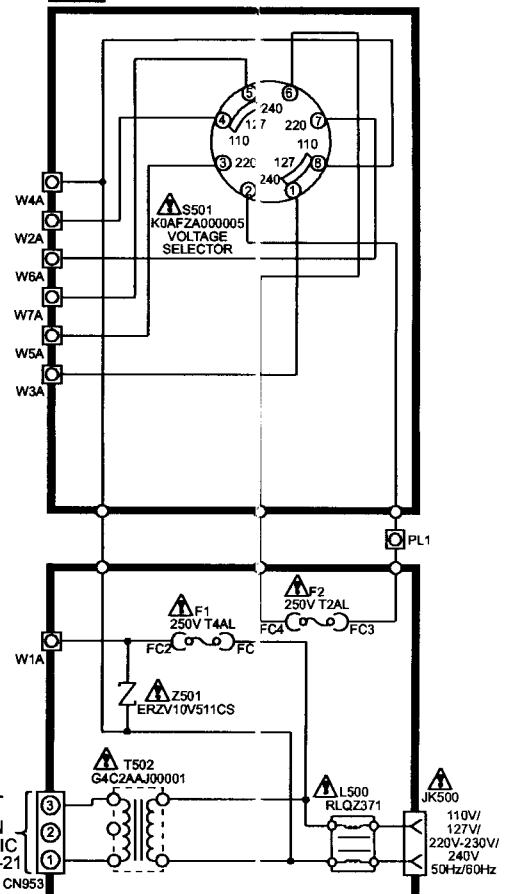
SCHEMATIC DIAGRAM - 22

— : +B SIGNAL LINE

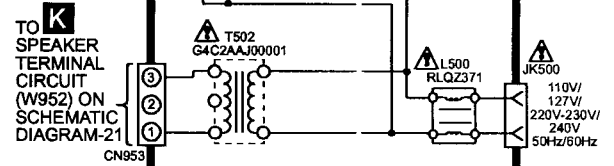
L AC TRANSFORMER CIRCUIT



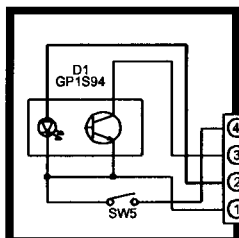
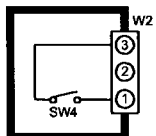
Q VOLTAGE SELECTOR CIRCUIT



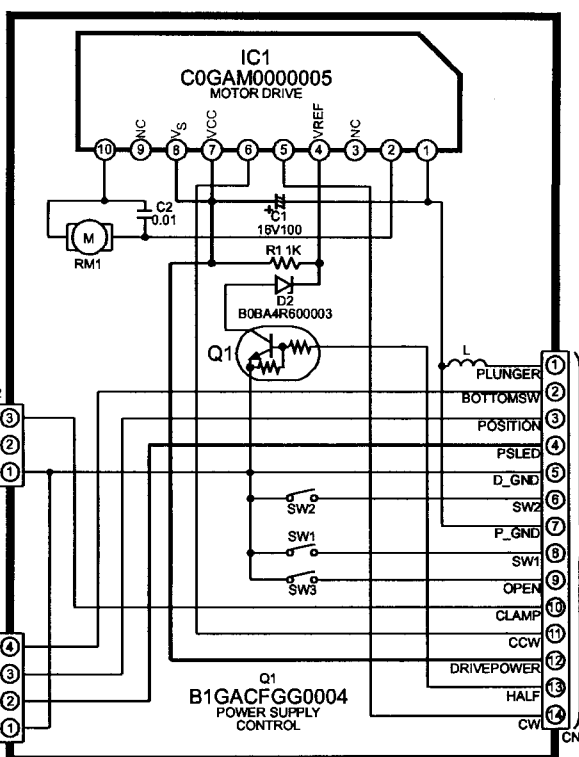
M SUB TRANSFORMER CIRCUIT



N CD DETECT CIRCUIT



O SPINDLE POSITION CIRCUIT

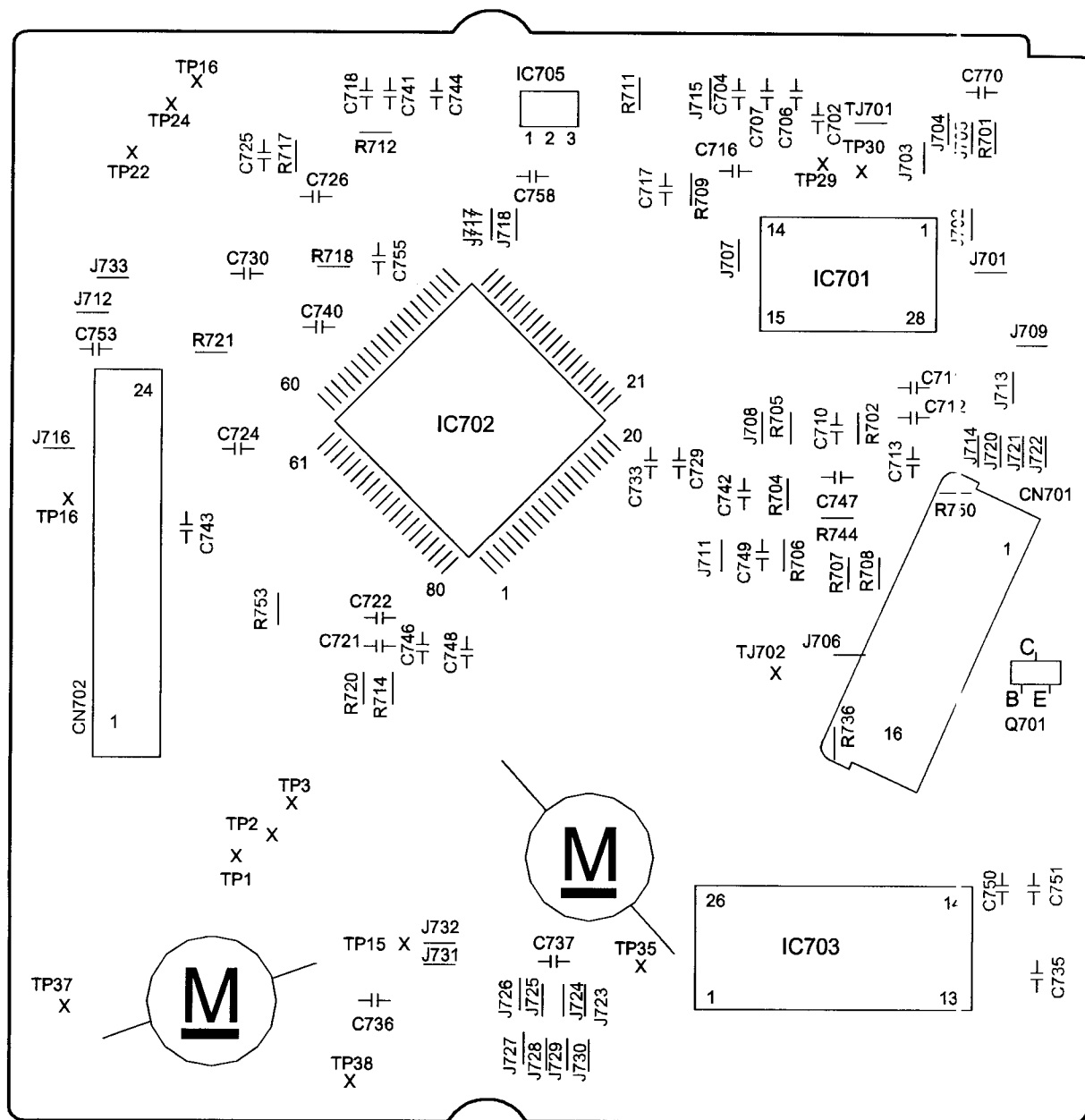


P CD LOADING CIRCUIT

TO C MAIN CIRCUIT (CN309) ON SCHEMATIC DIAGRAM-6

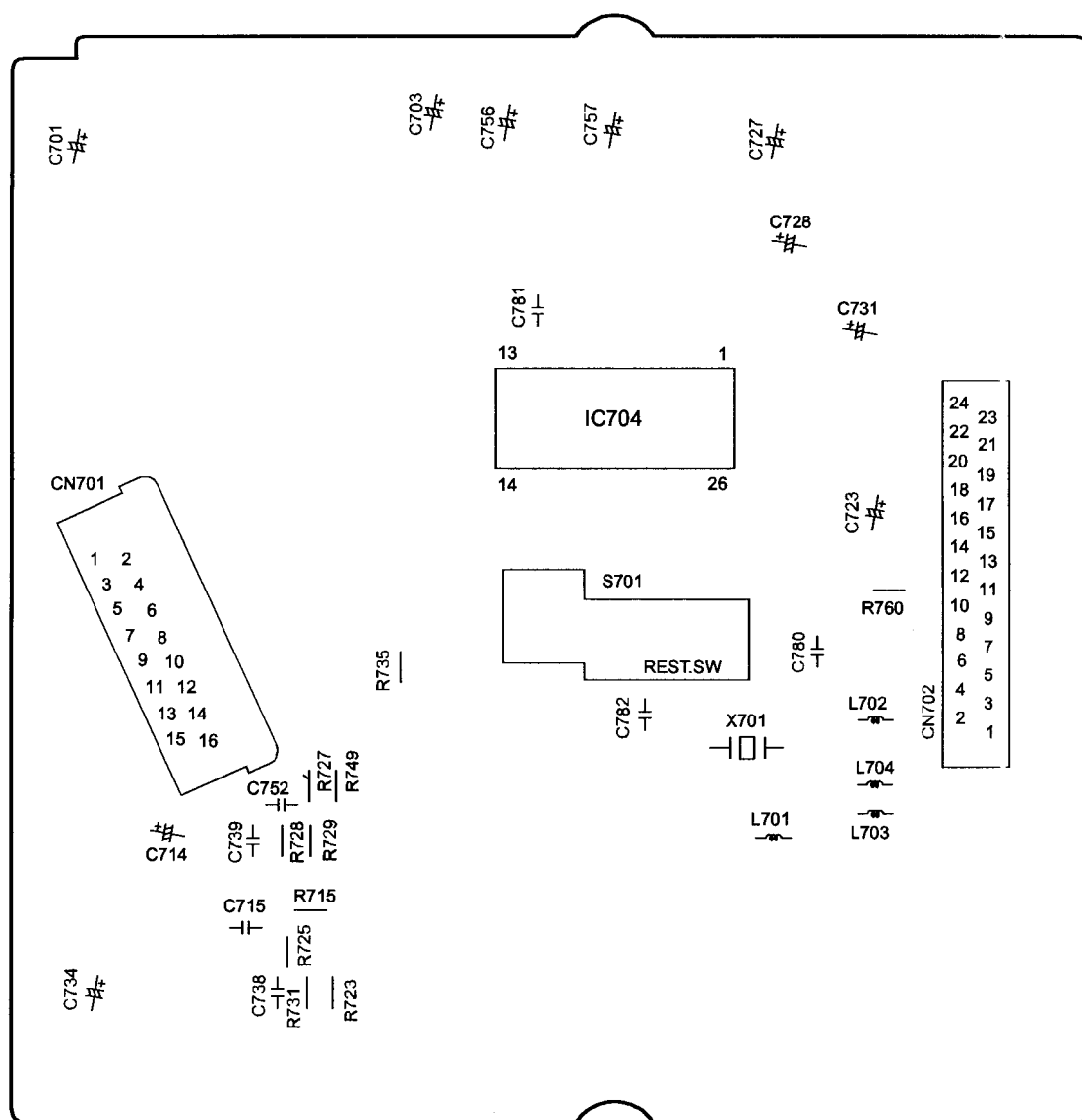
A B C D E F G

A CD SERVO P.C.B (Side: A) (REPX0295A)



G

CN701

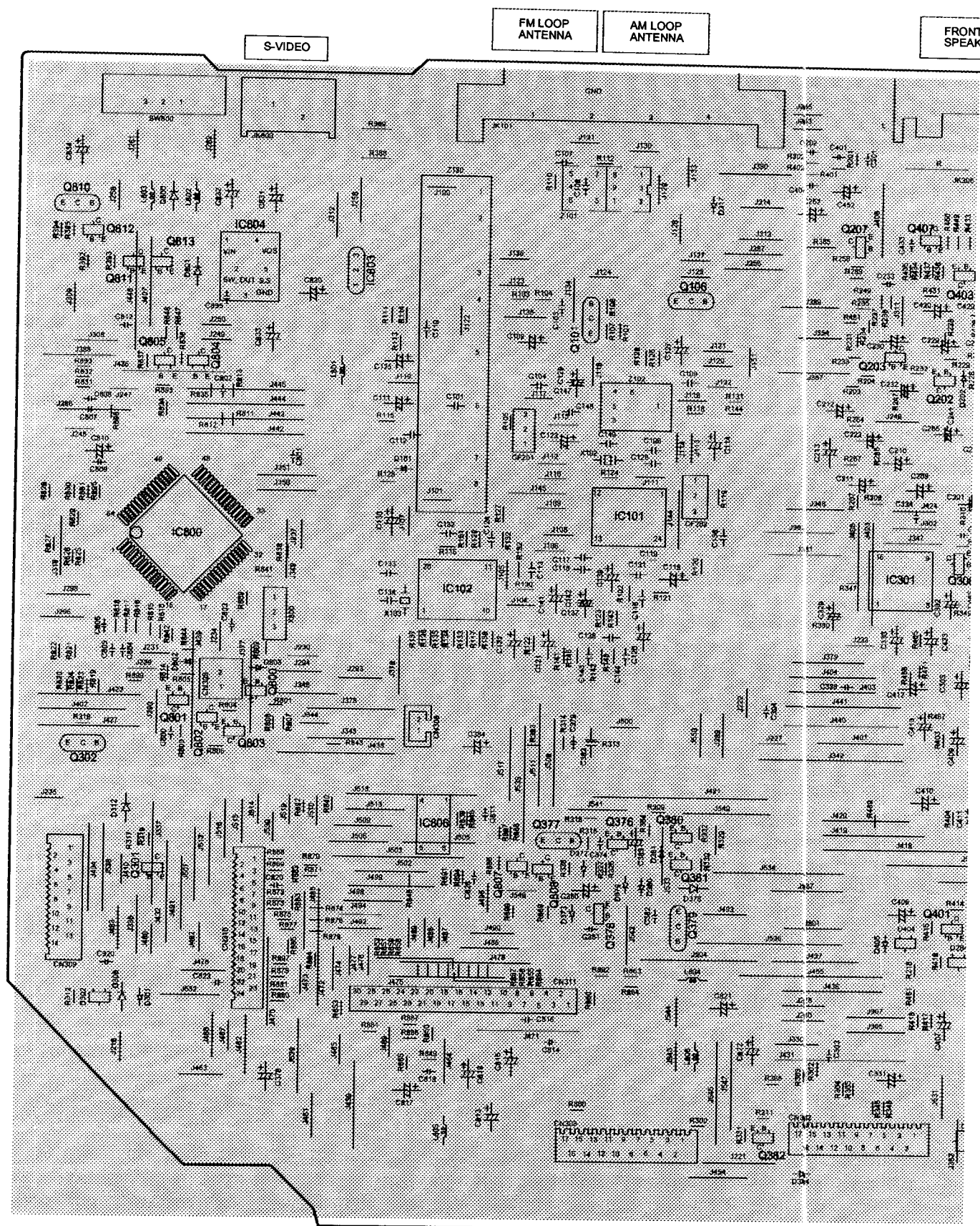


G

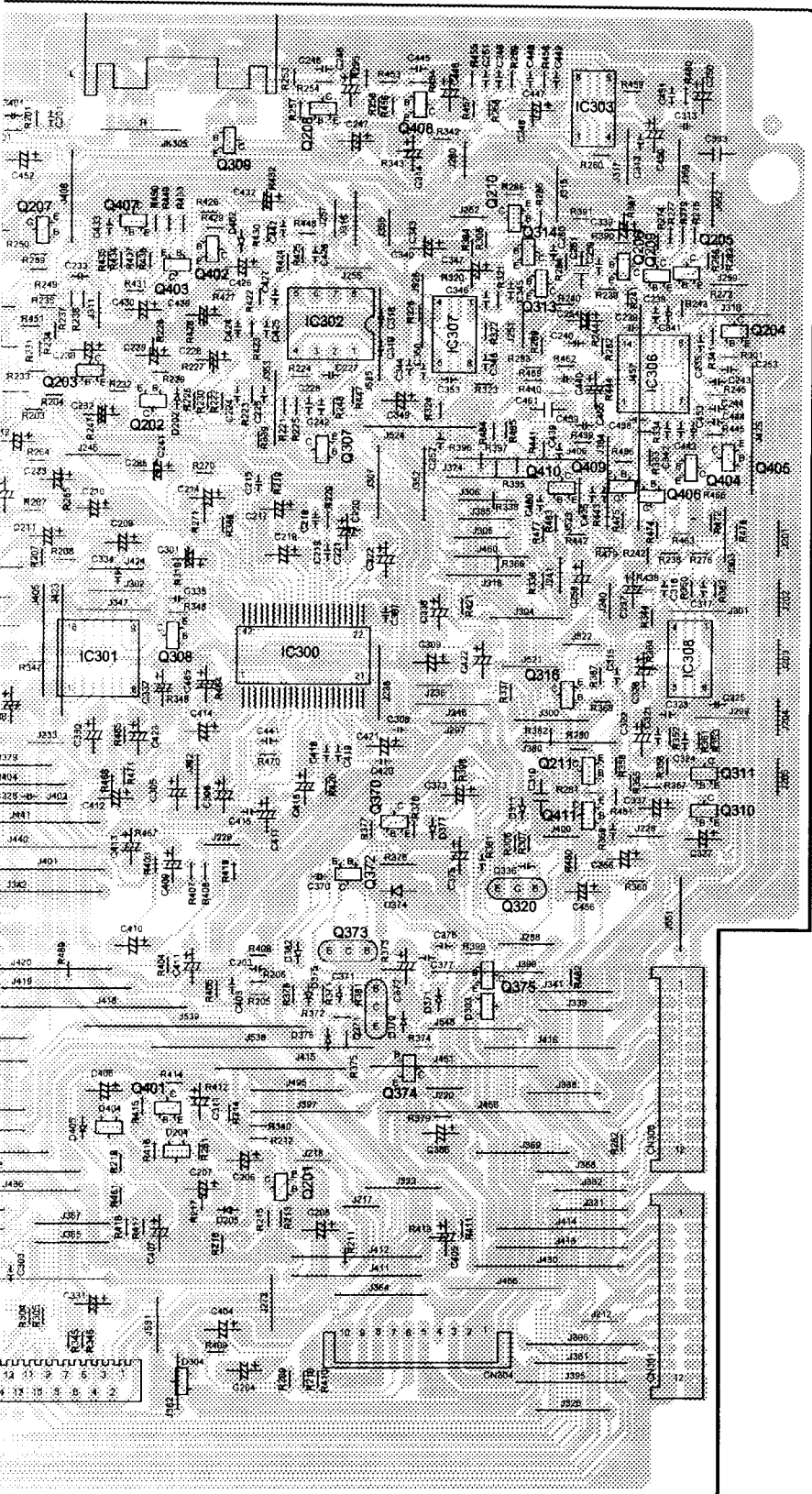
B

A B C D E F G

C MAIN / TUNER P.C.B. (REPX0309A)



M



D PANEL P.C.B. (REPX0308A)

G

H

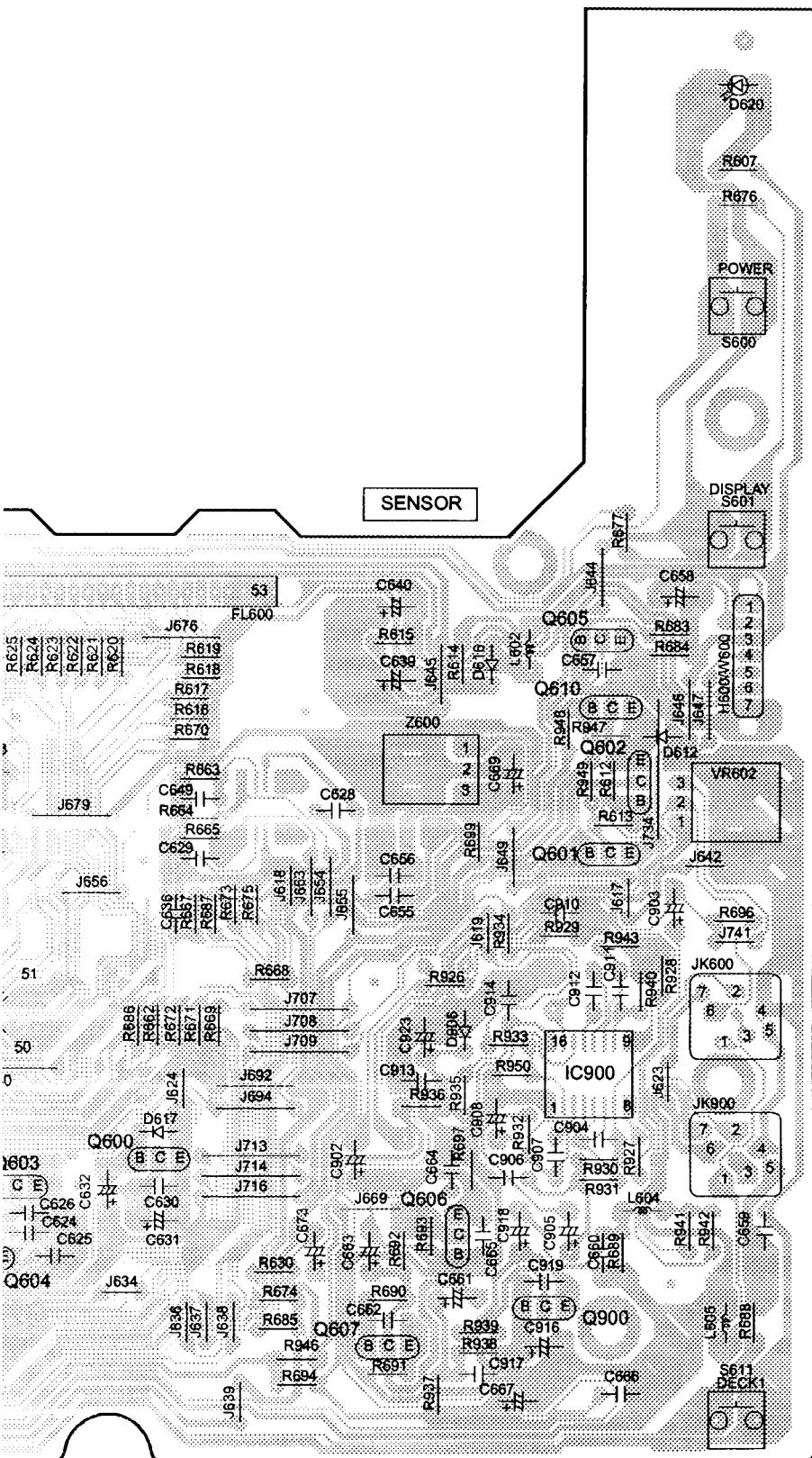
I

J

K

L

M

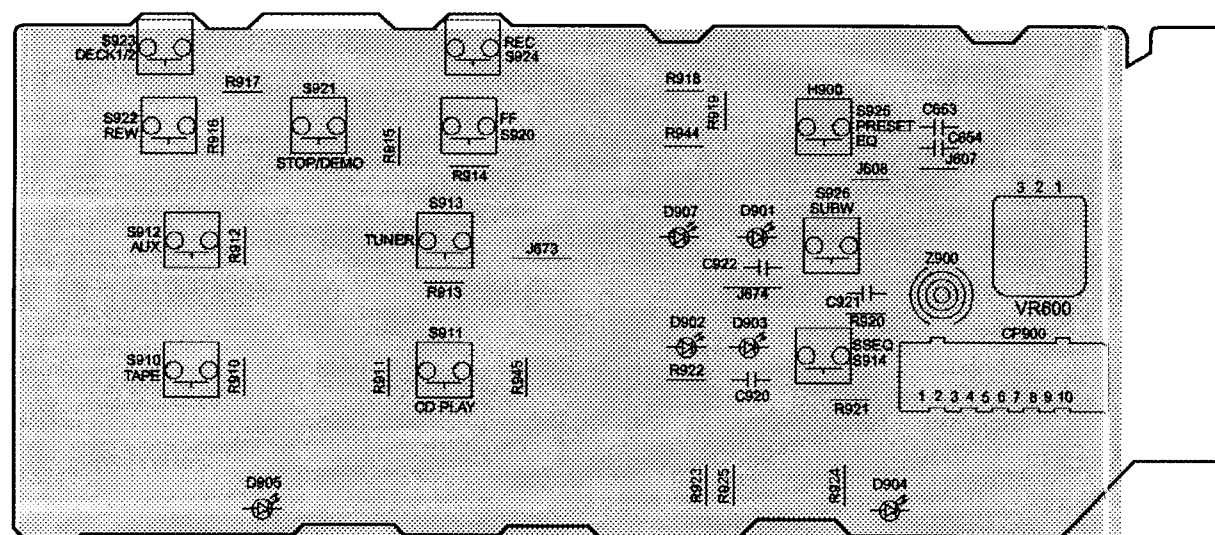


VOLUME

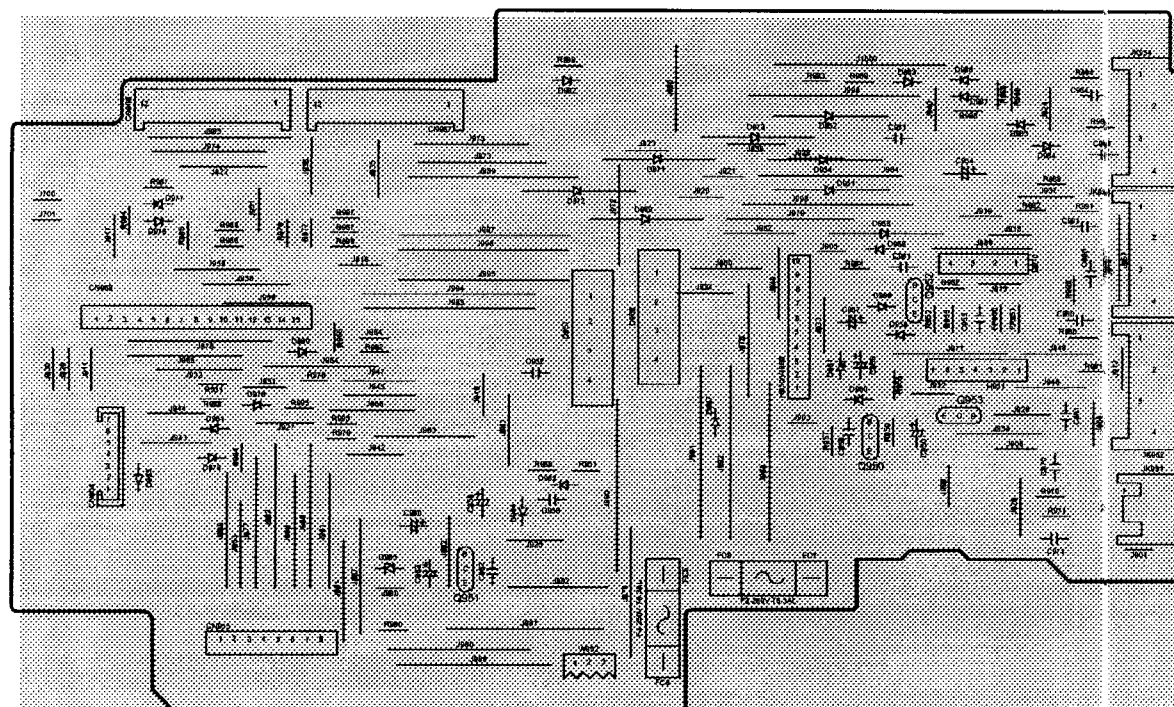
MIC

A B C D E F G

E TACT SWITCH P.C.B. (REPX0308A)

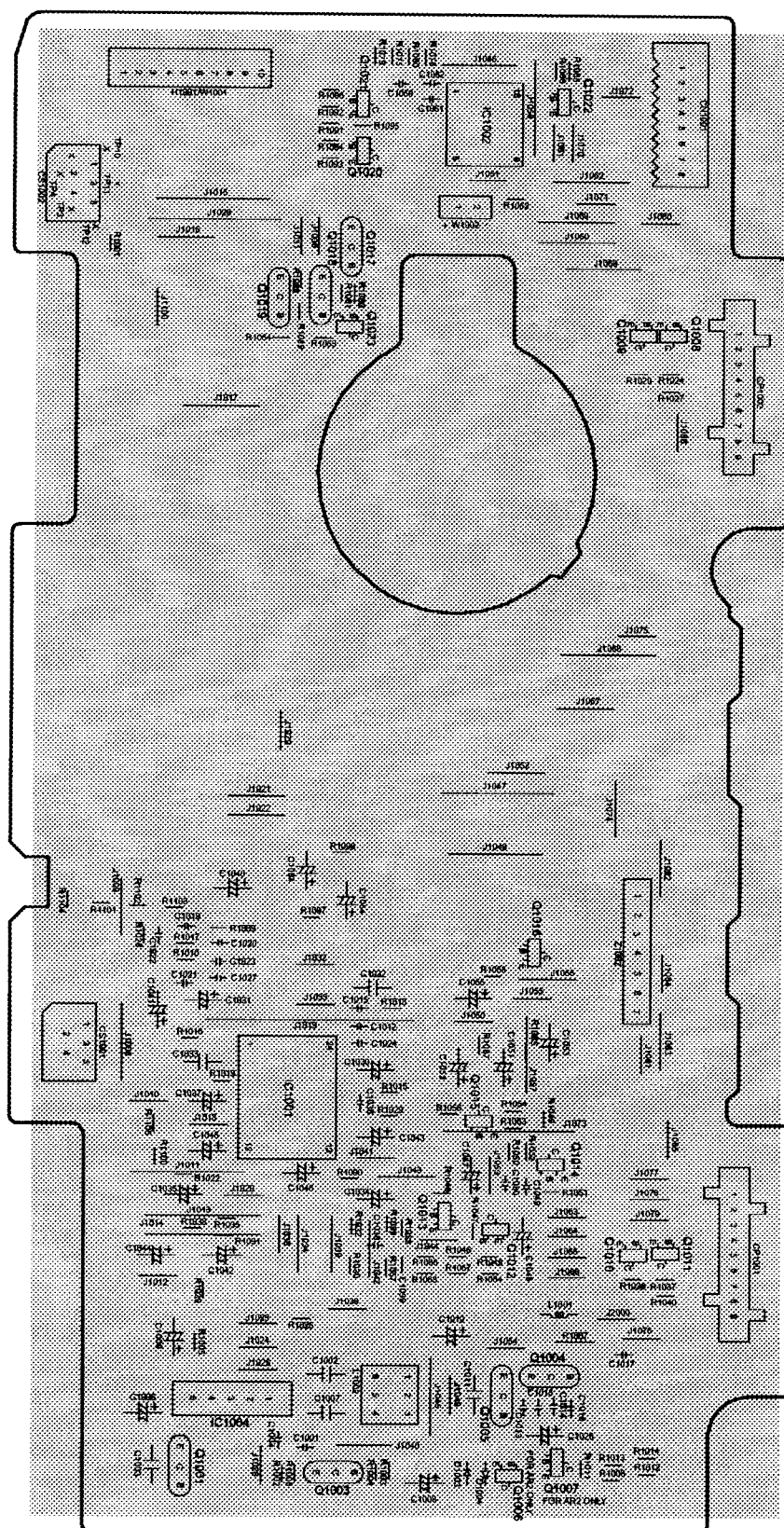


K SPEAKER TERMINAL P.C.B. (REPX0310A)



G

F



A

B

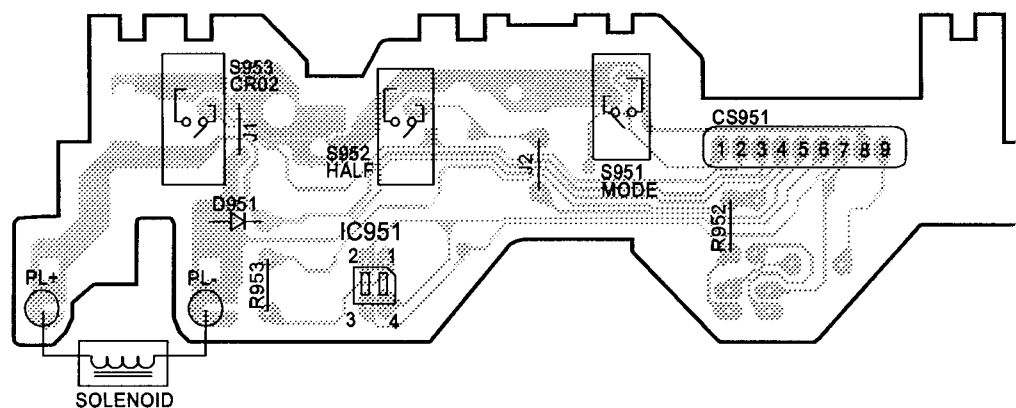
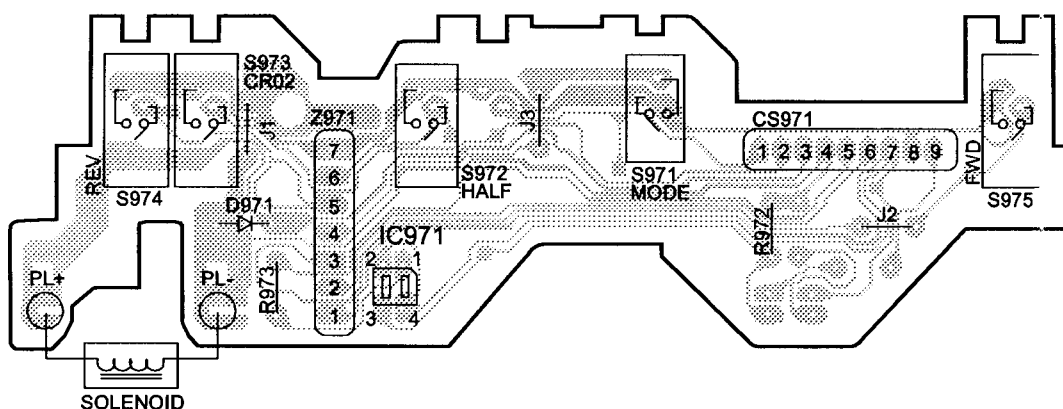
C

D

E

F

G

G MECHANISM (DECK1) P.C.B (REPX0108)**H** MECHANISM (DECK2) P.C.B (REPX0108A)

A

B

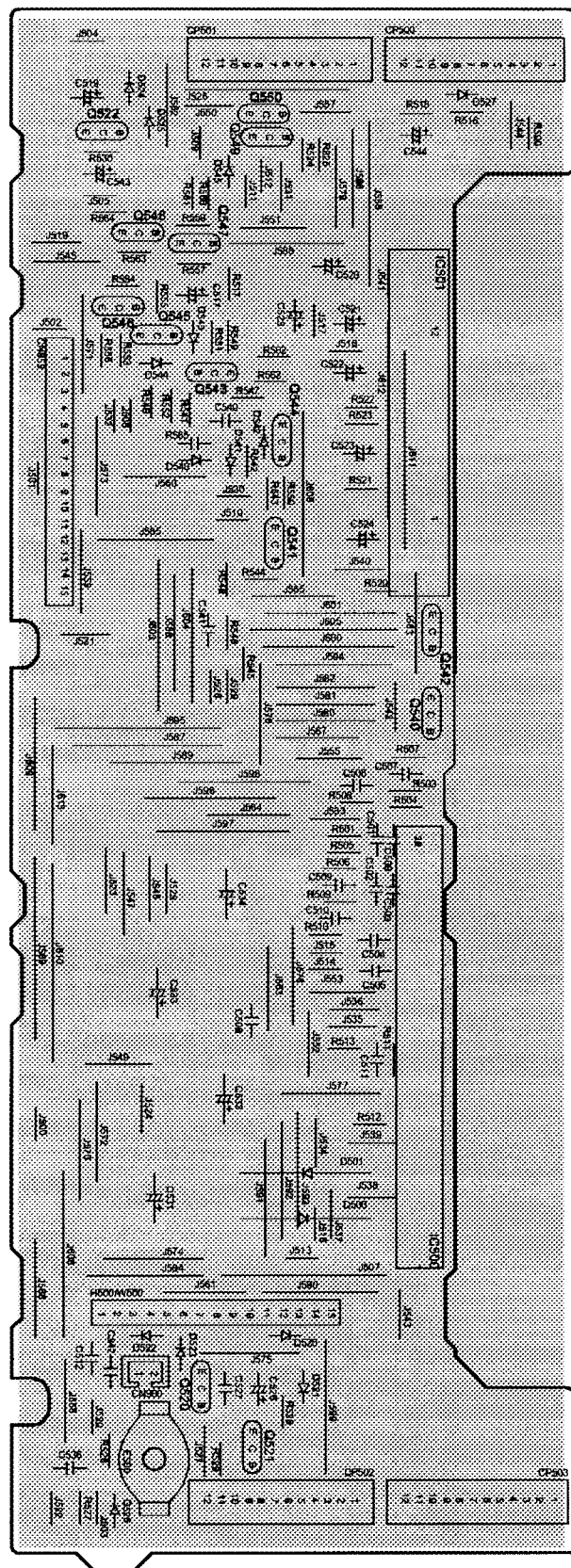
C

D

E

F

G

I POWER (1) P.C.B. (REPX0310A)

G

1



3

4

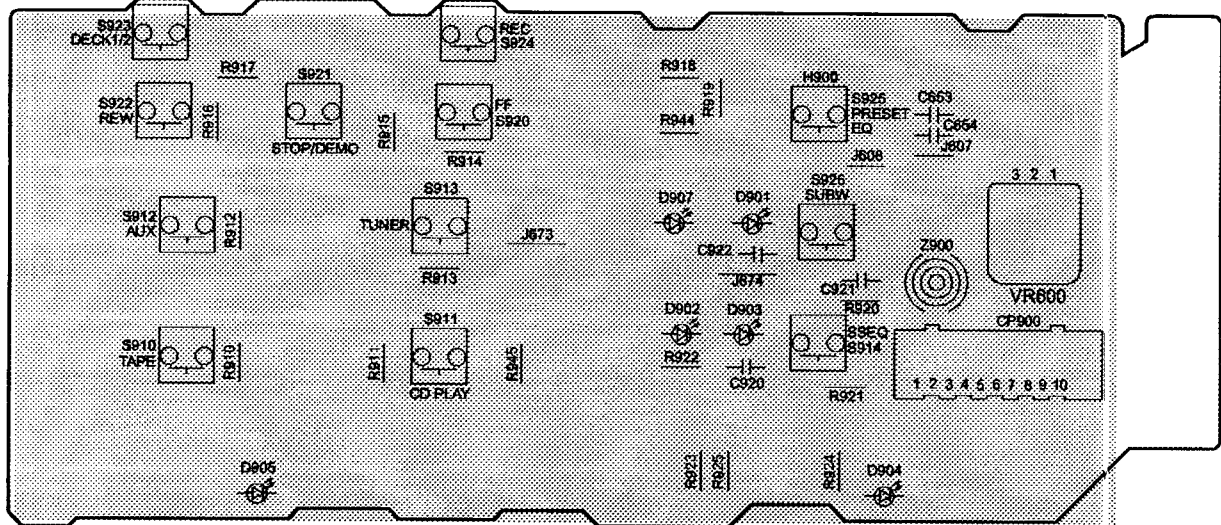
5

6

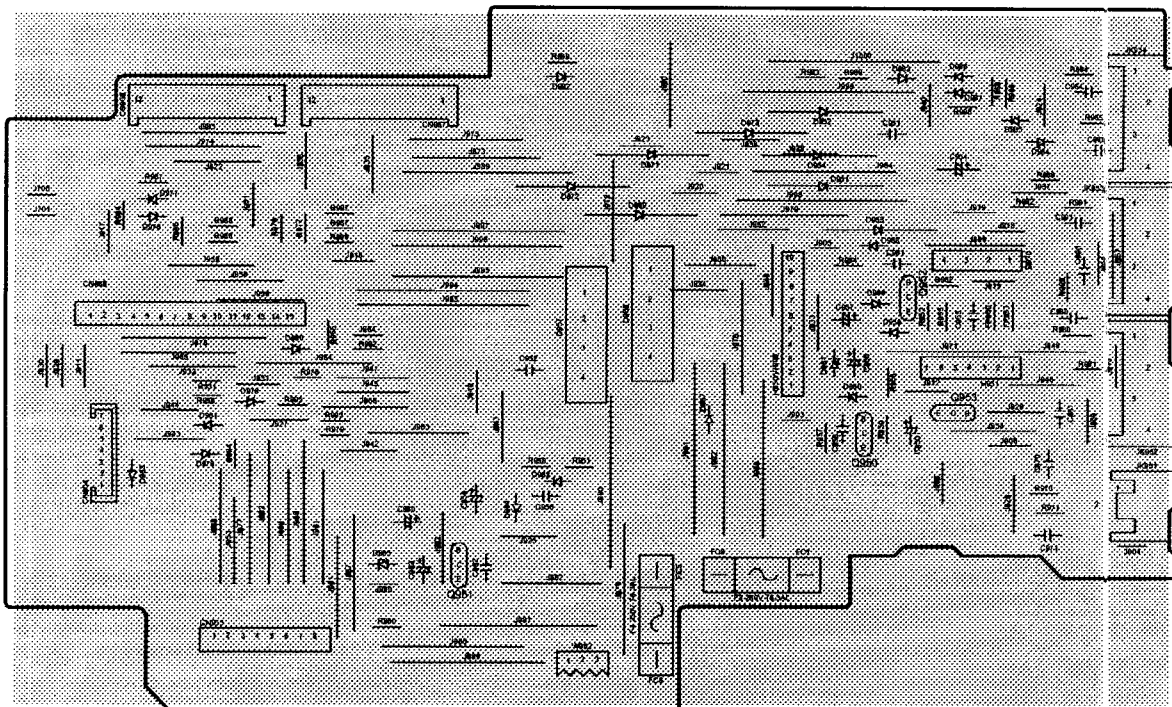
7

1

E



K



A

B

C

D

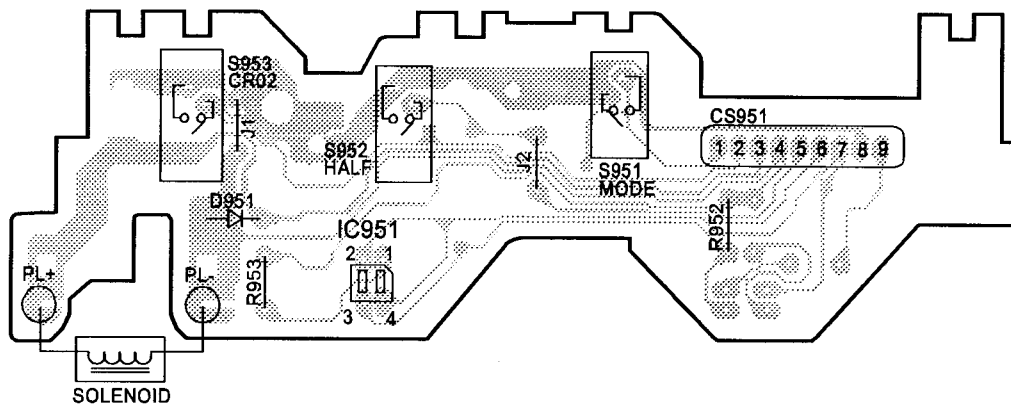
E

F

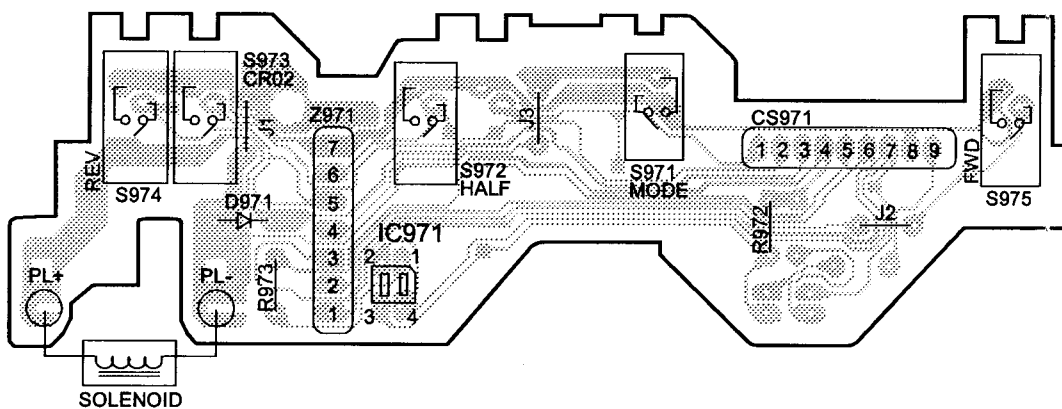
G

G

MECHANISM (DECK1) P.C.B (REPX0108)

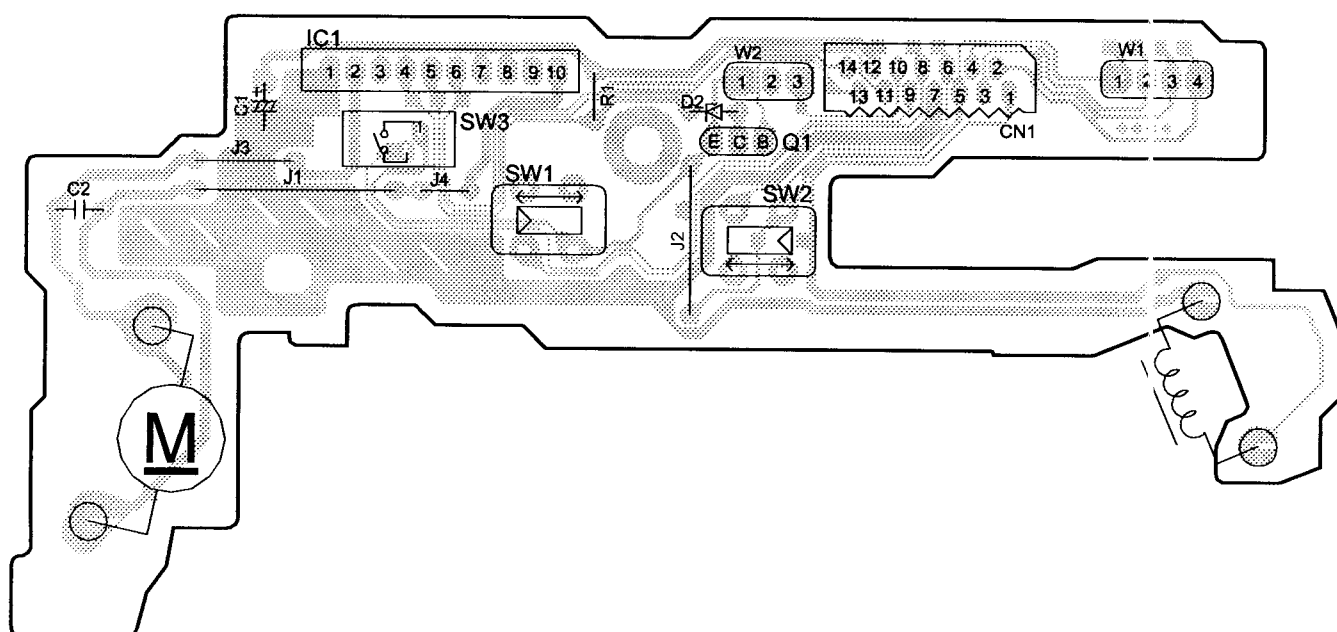
**H**

MECHANISM (DECK2) P.C.B (REPX0108A)

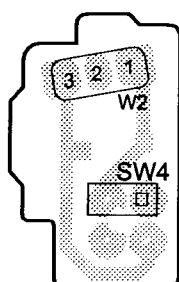


A B C D E F G

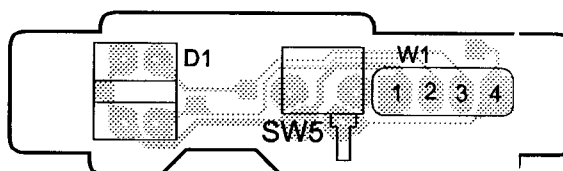
P CD LOADING P.C.B (REP2578A-N)



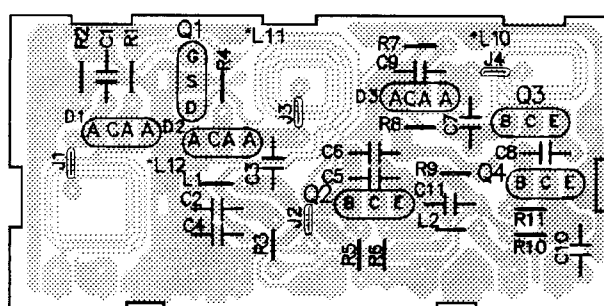
N CD DETECT P.C.B (REP2578A-N)



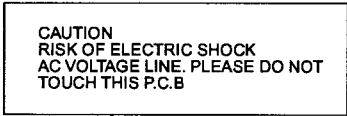
O SPINDLE POSITION P.C.B (REP2578A-N)



R TUNER PACK P.C.B (REP1999B)

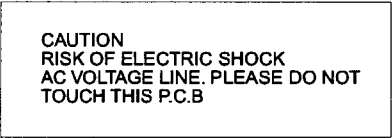


L



M

Q



AC IN ~

1) 110V
2) 127V
3) 220V-230V
4) 240V
50/60HZ

A

B

C

D

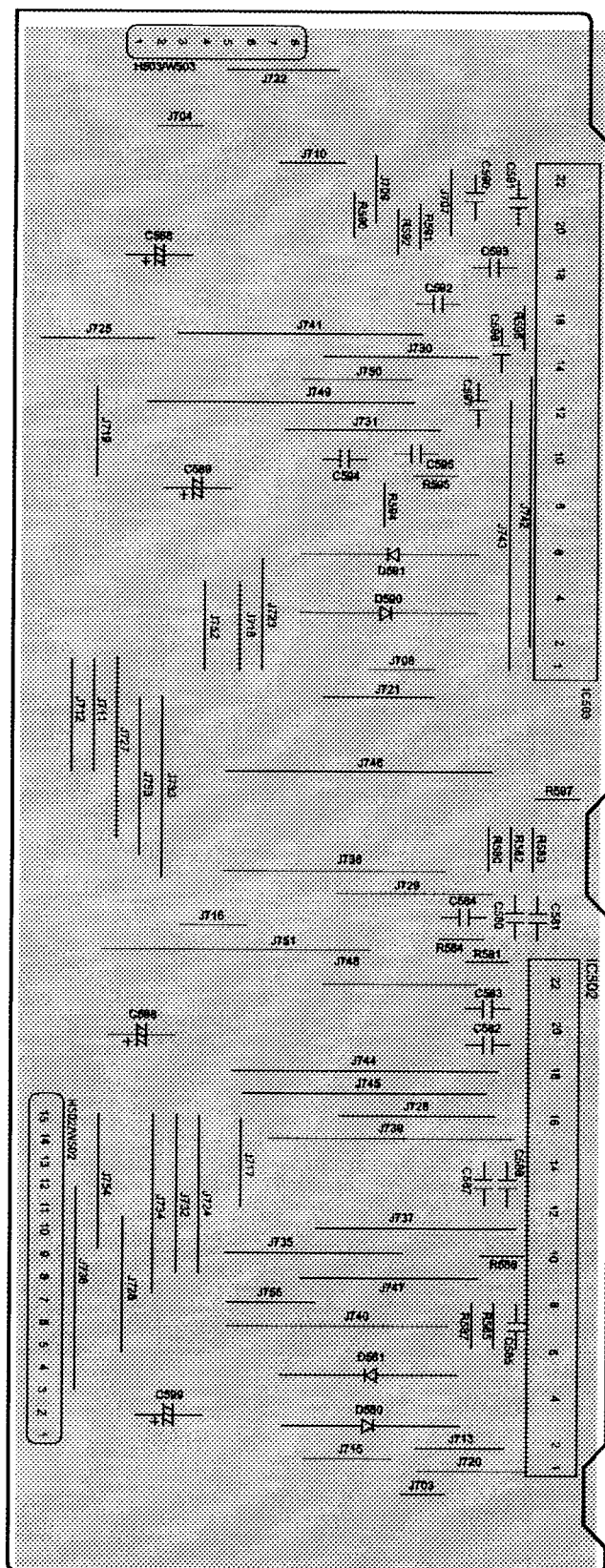
E

F

G

J

POWER (2) P.C.B. (REPX0310A)



A

B

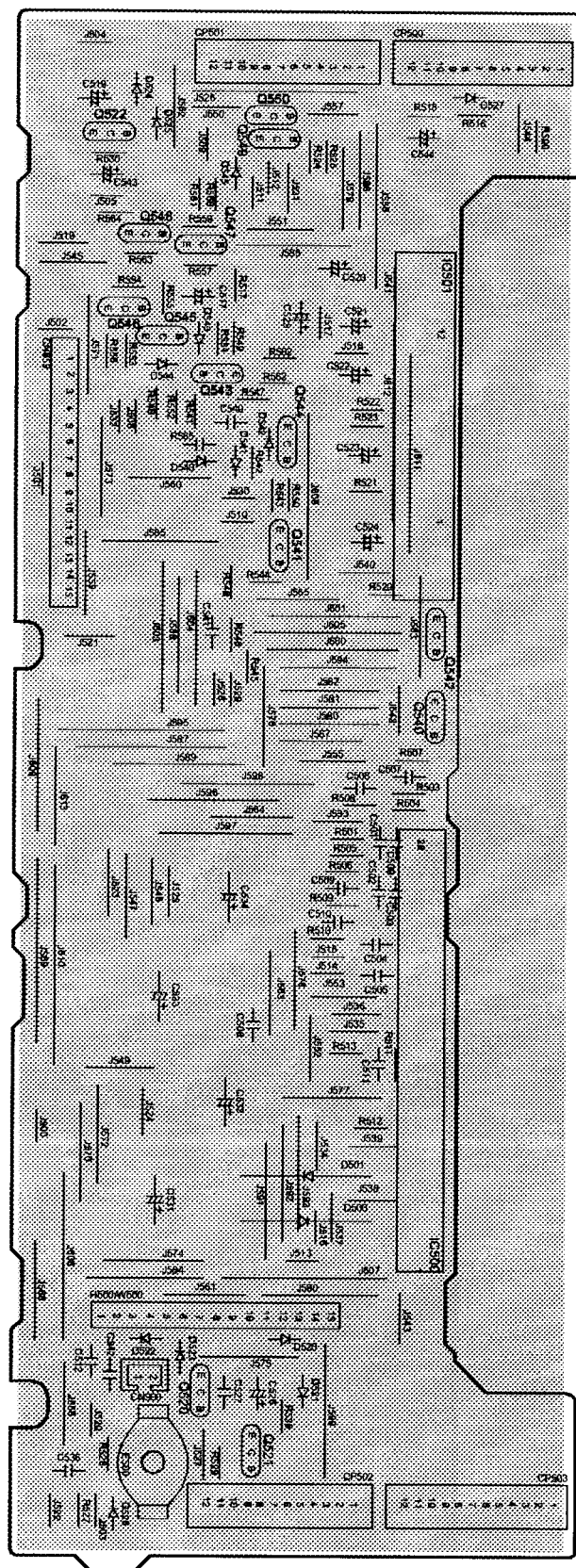
C

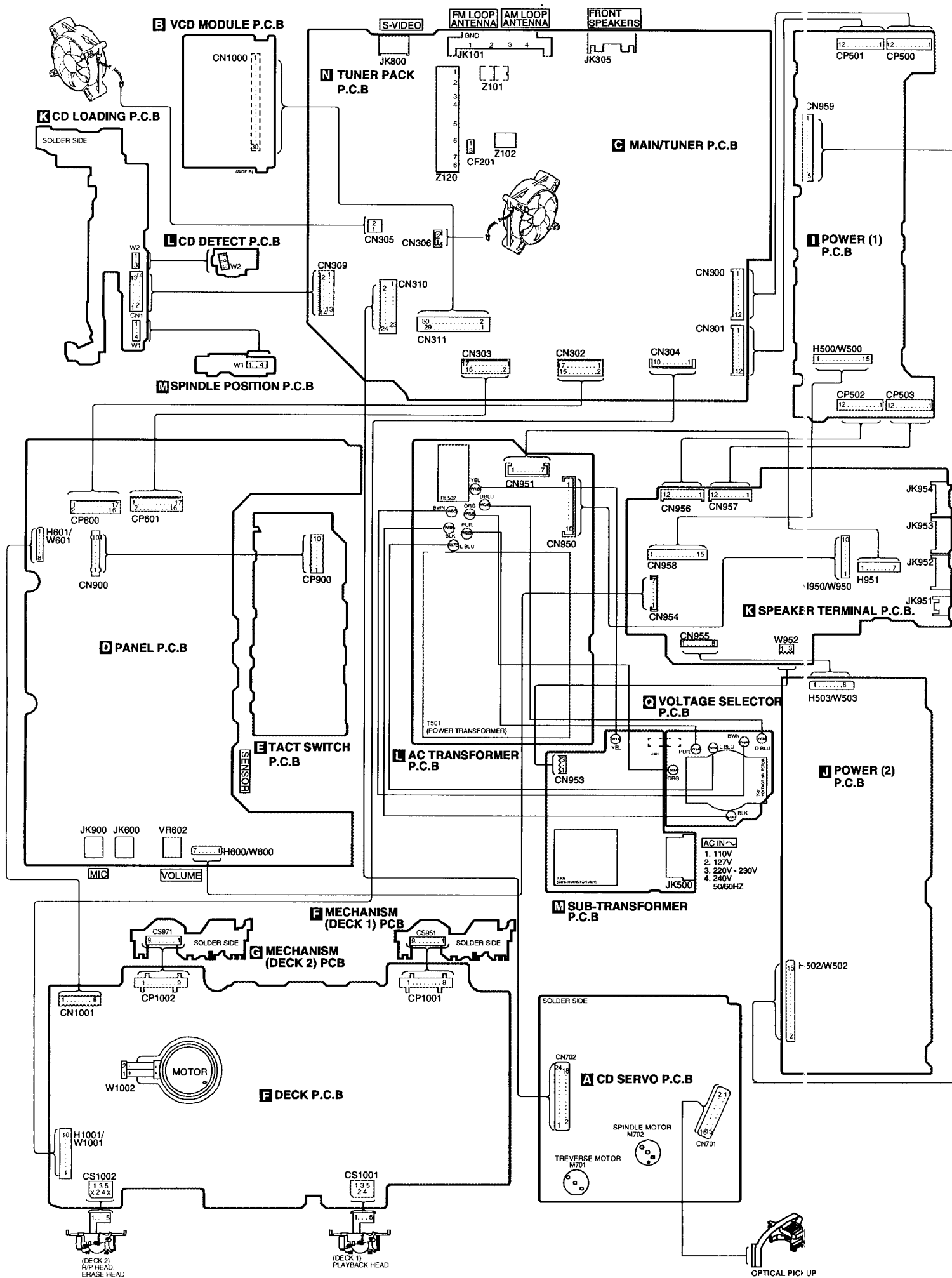
D

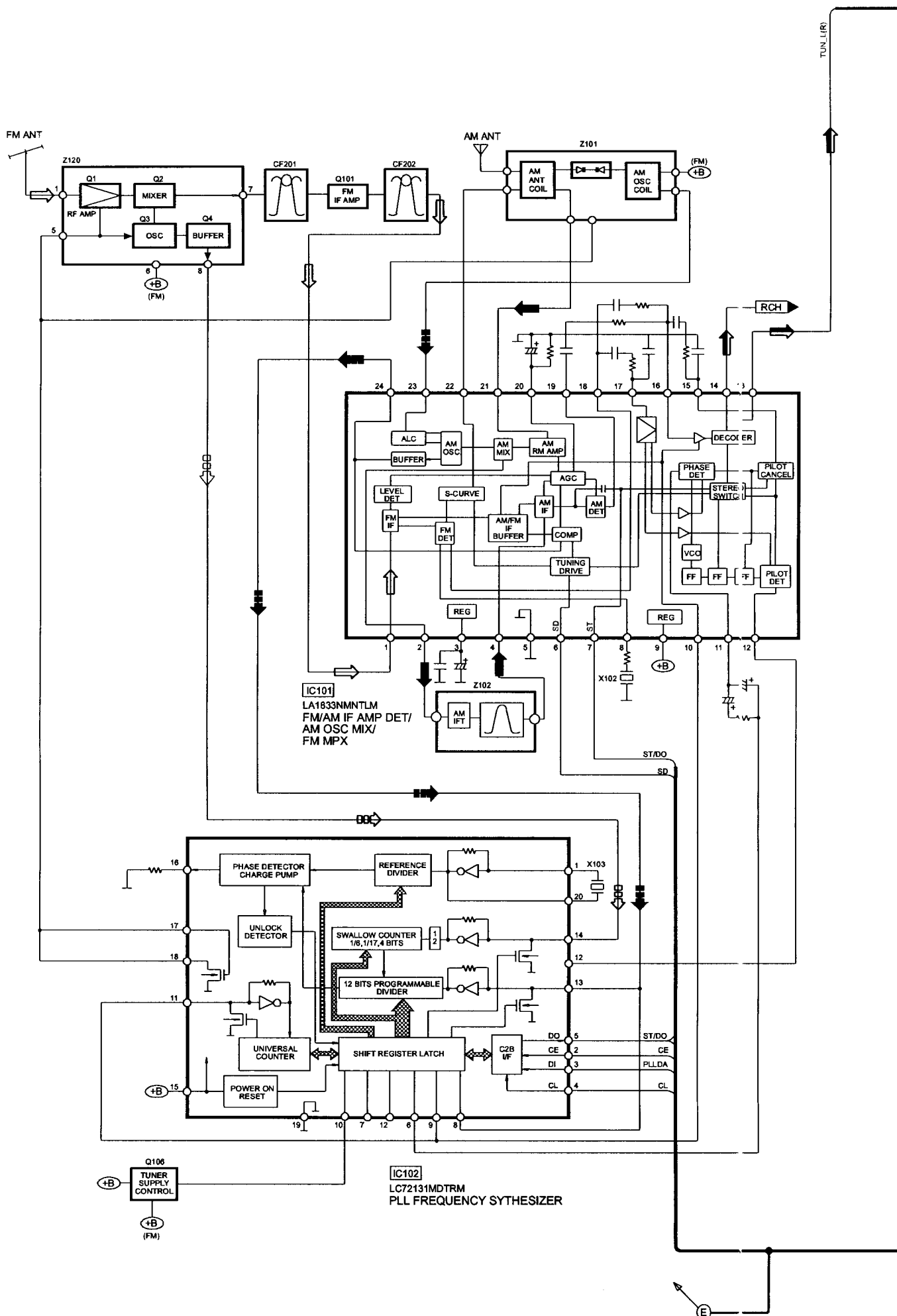
E

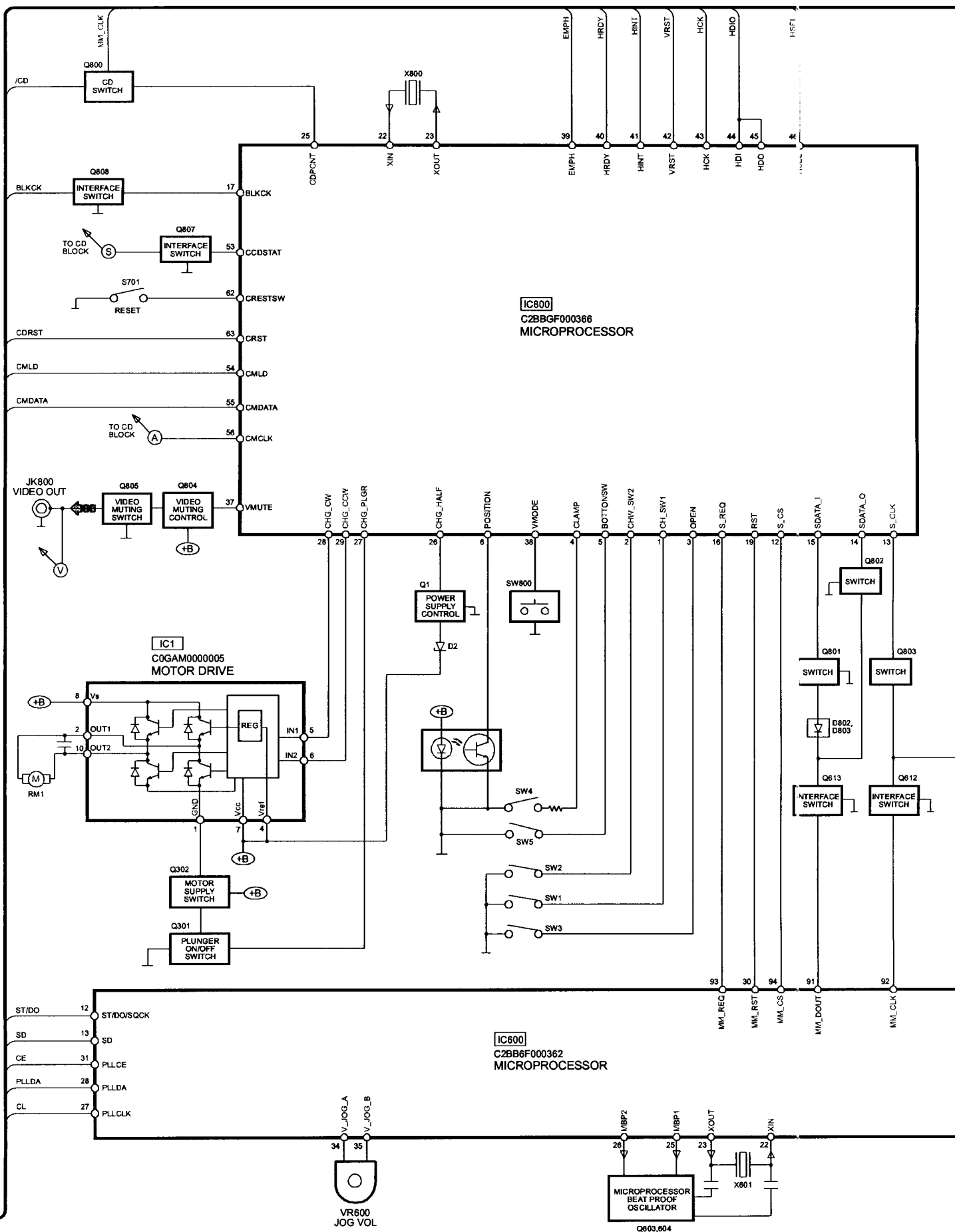
F

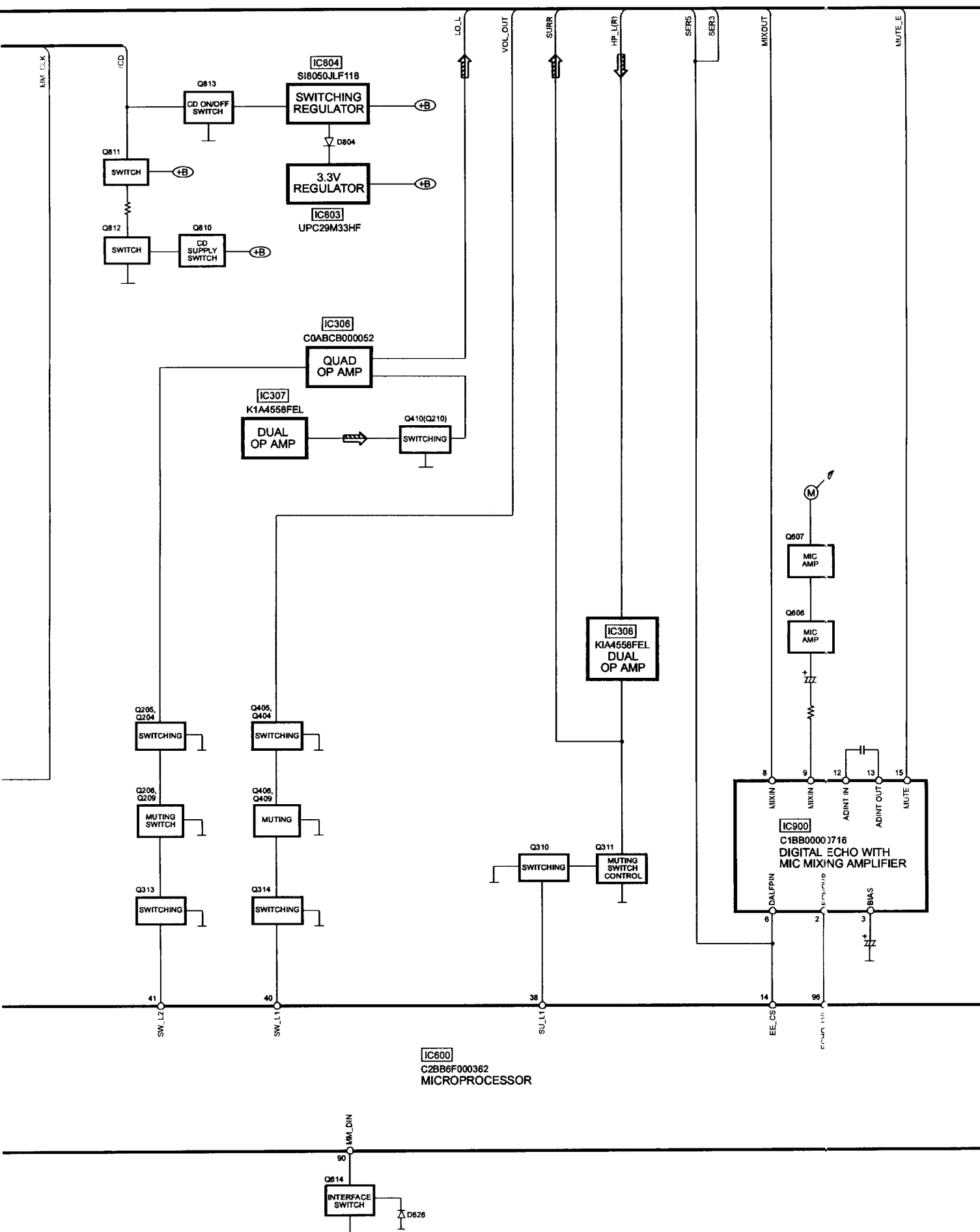
G

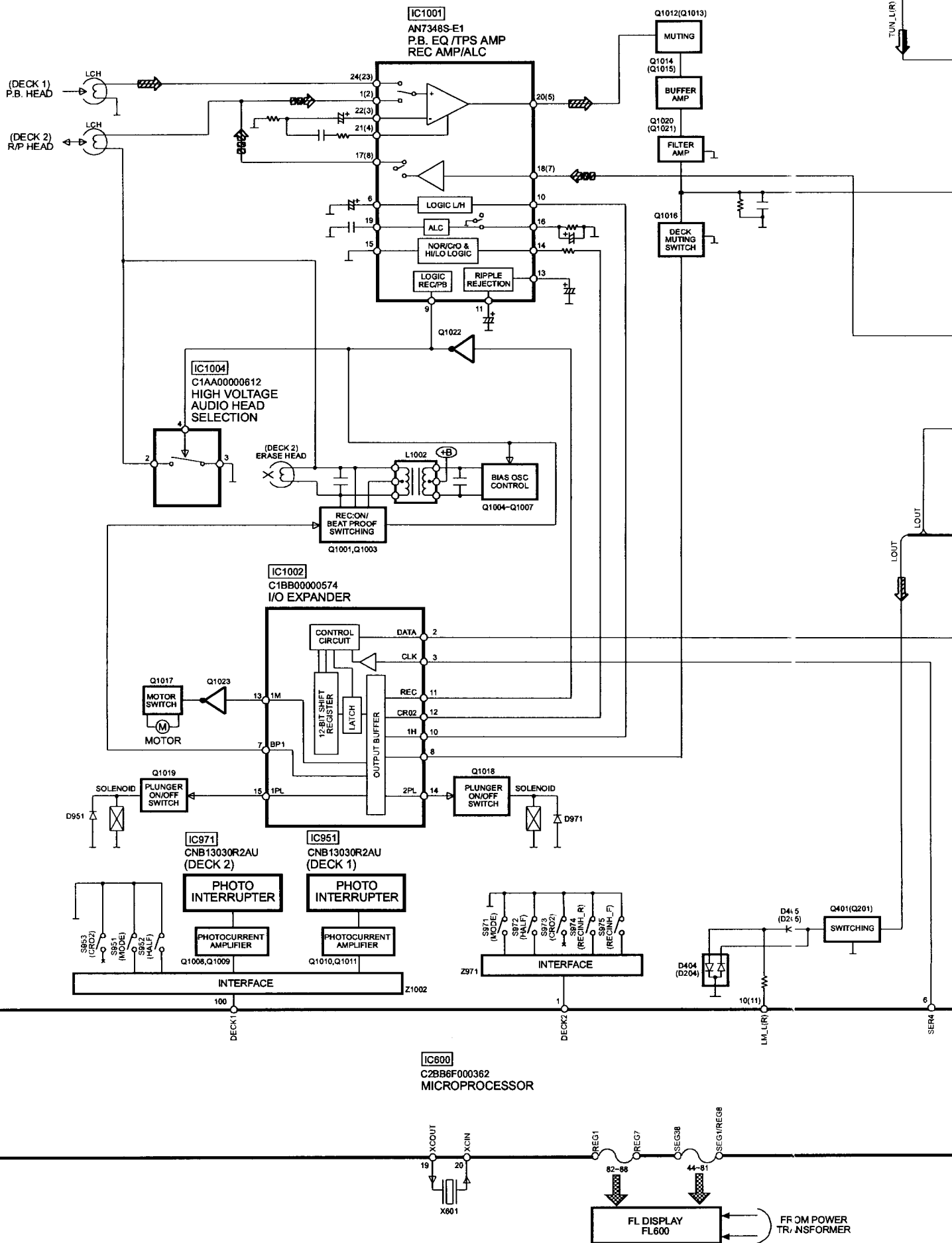
I POWER (1) P.C.B. (REPX0310A)

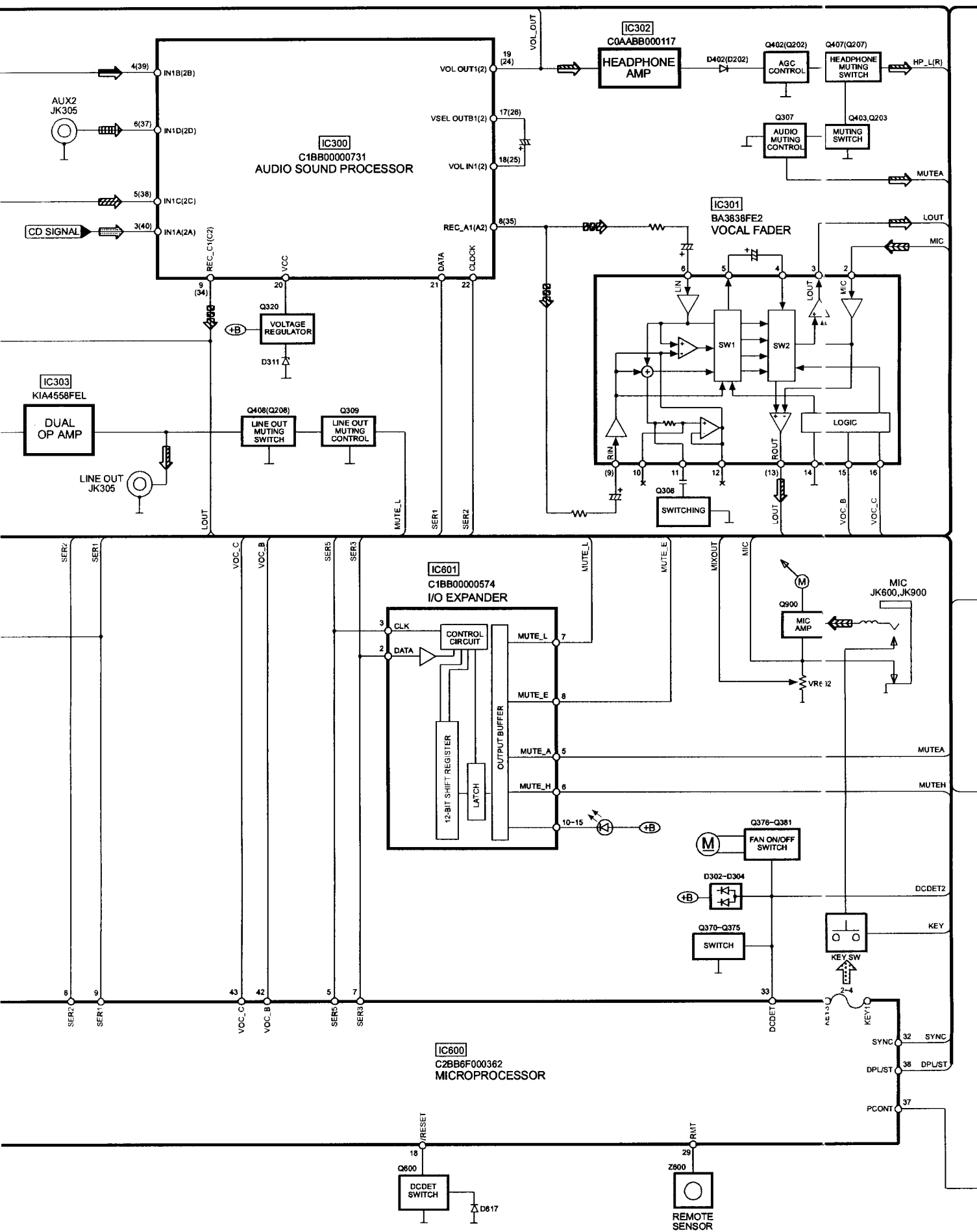


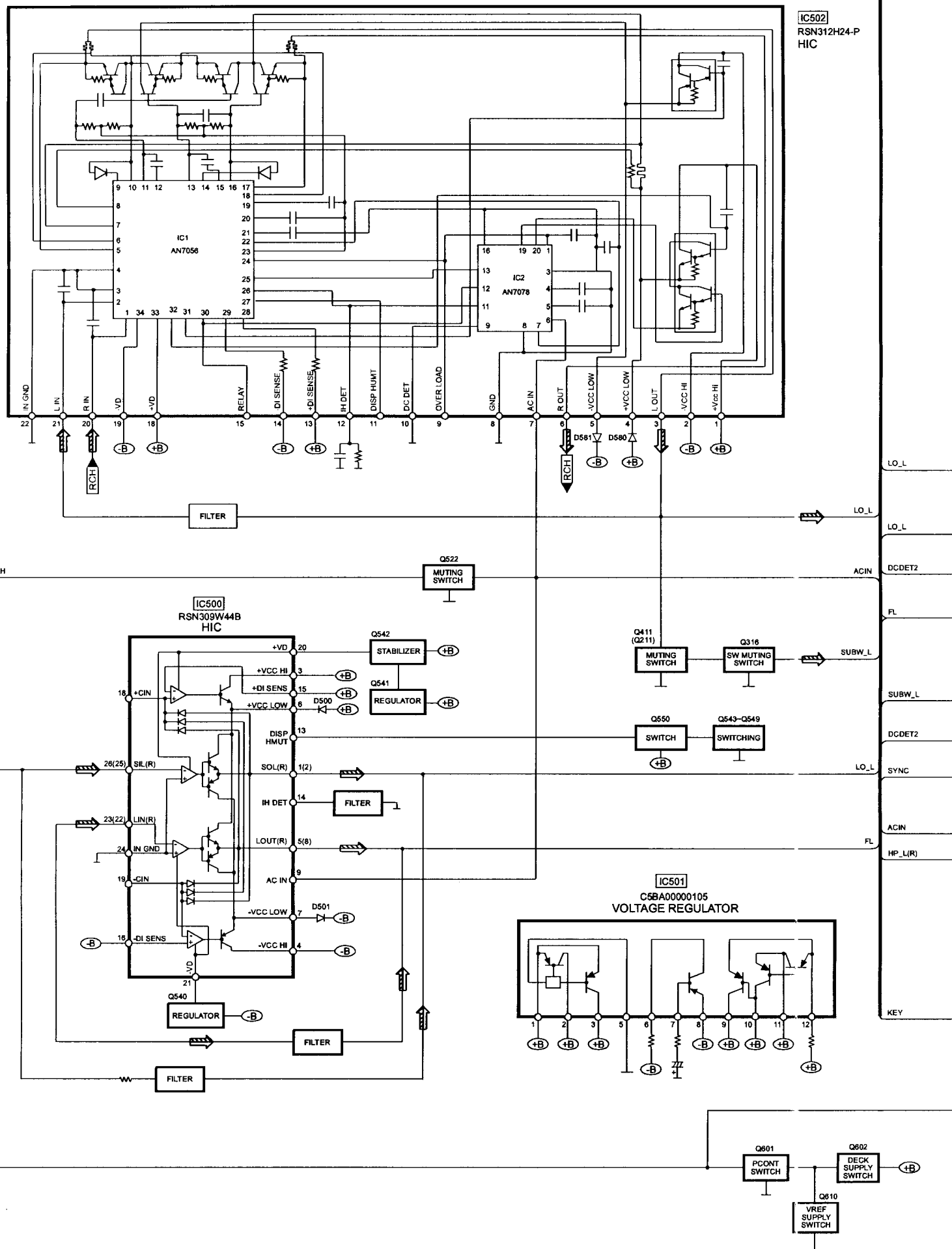


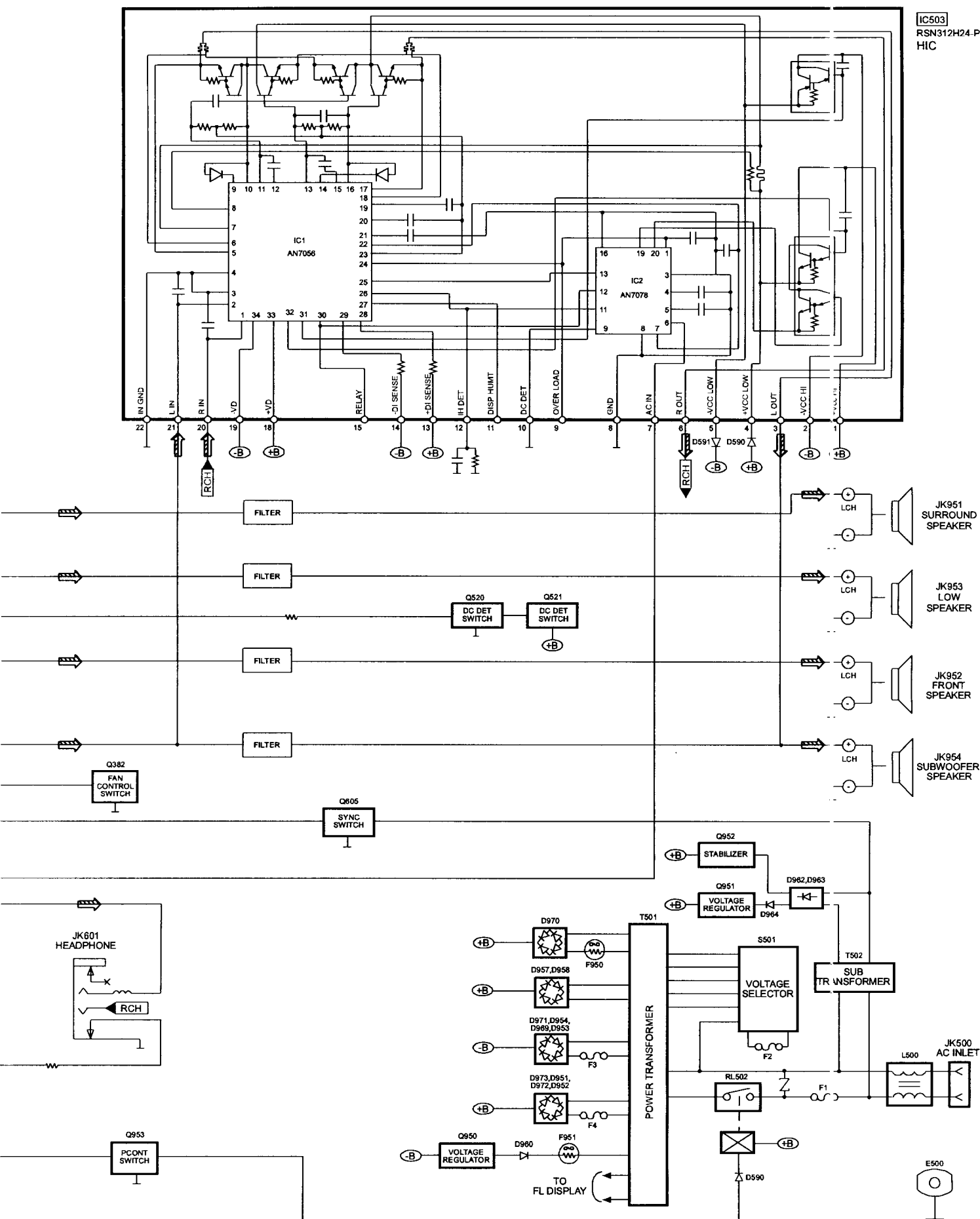








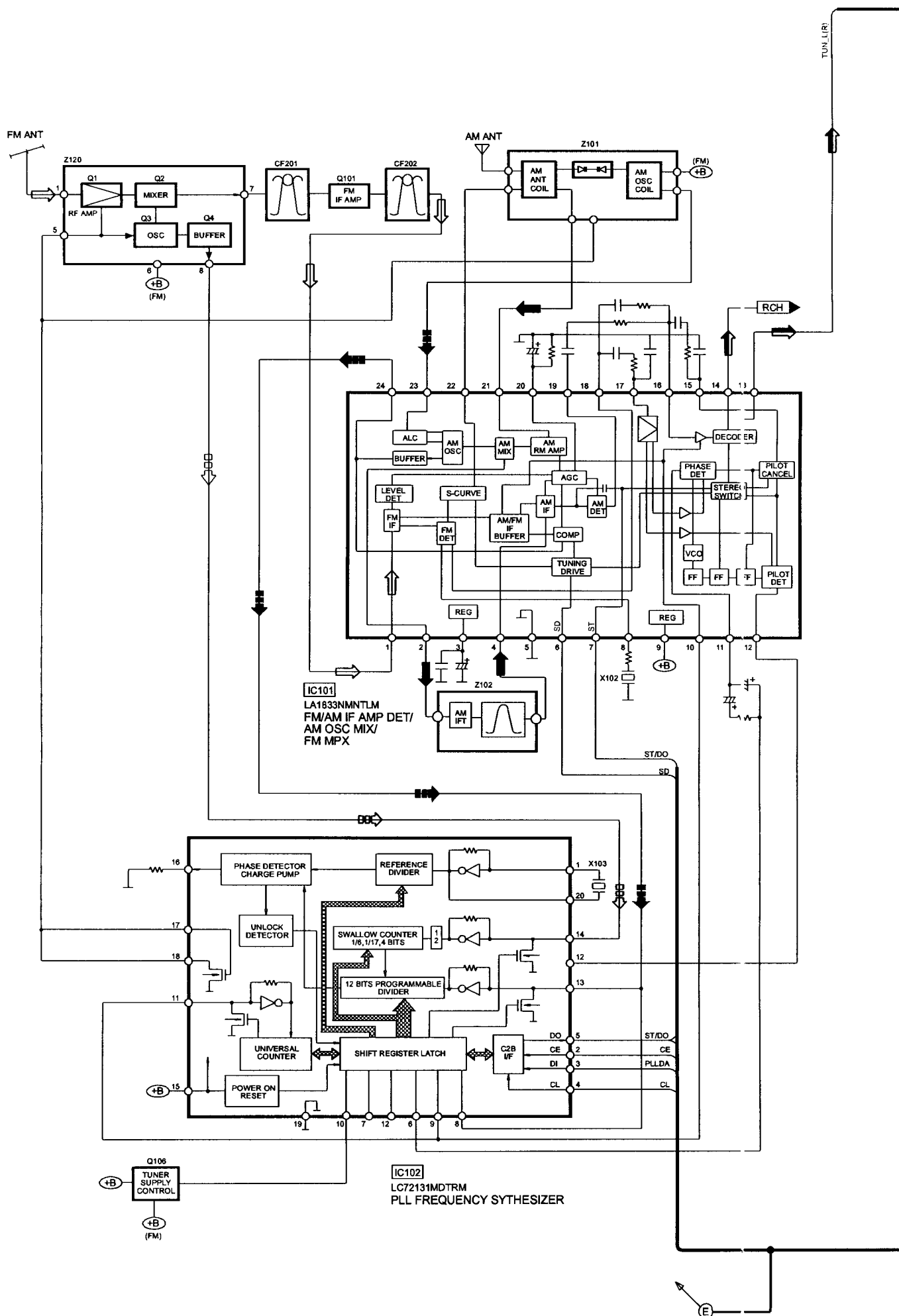


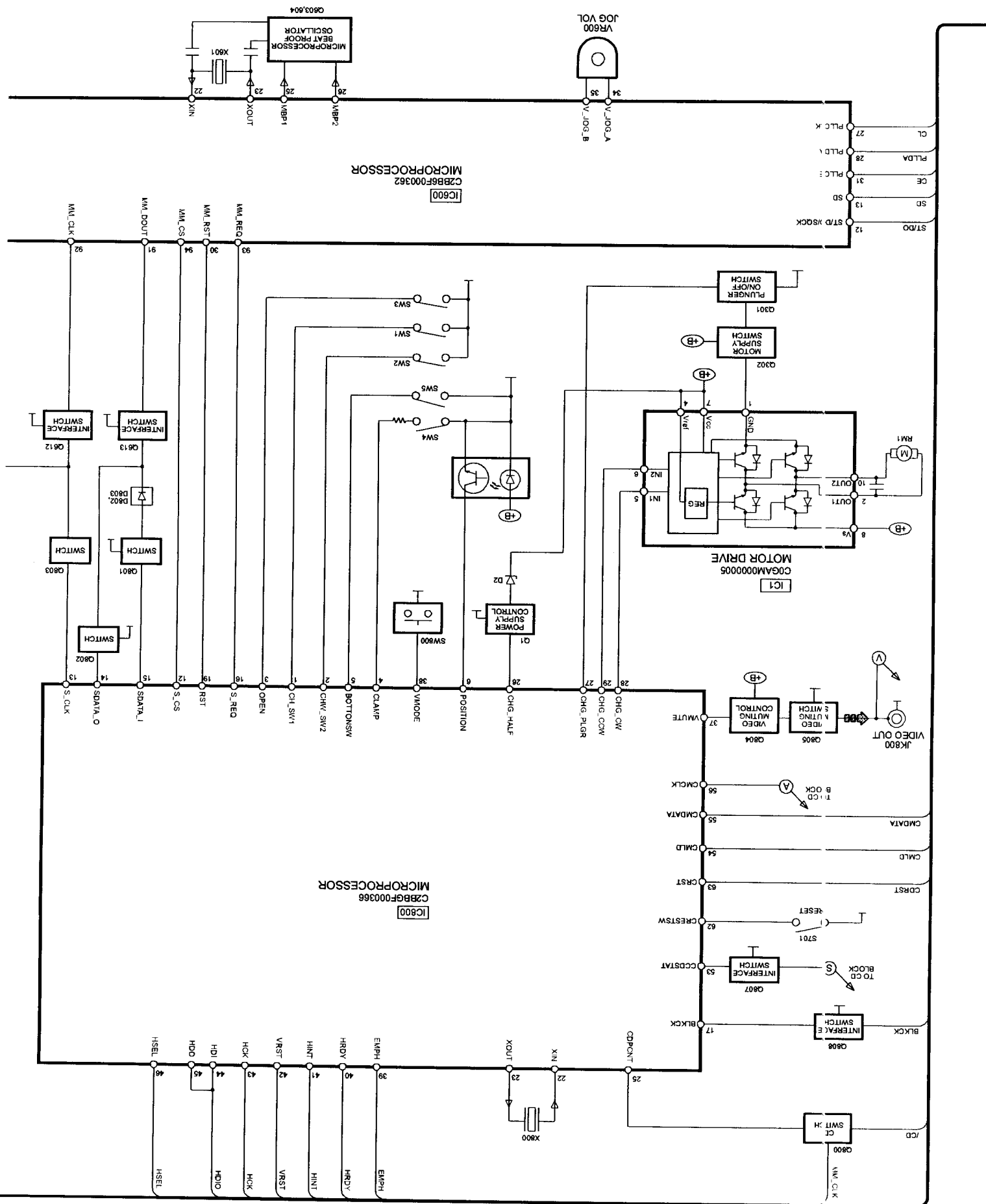


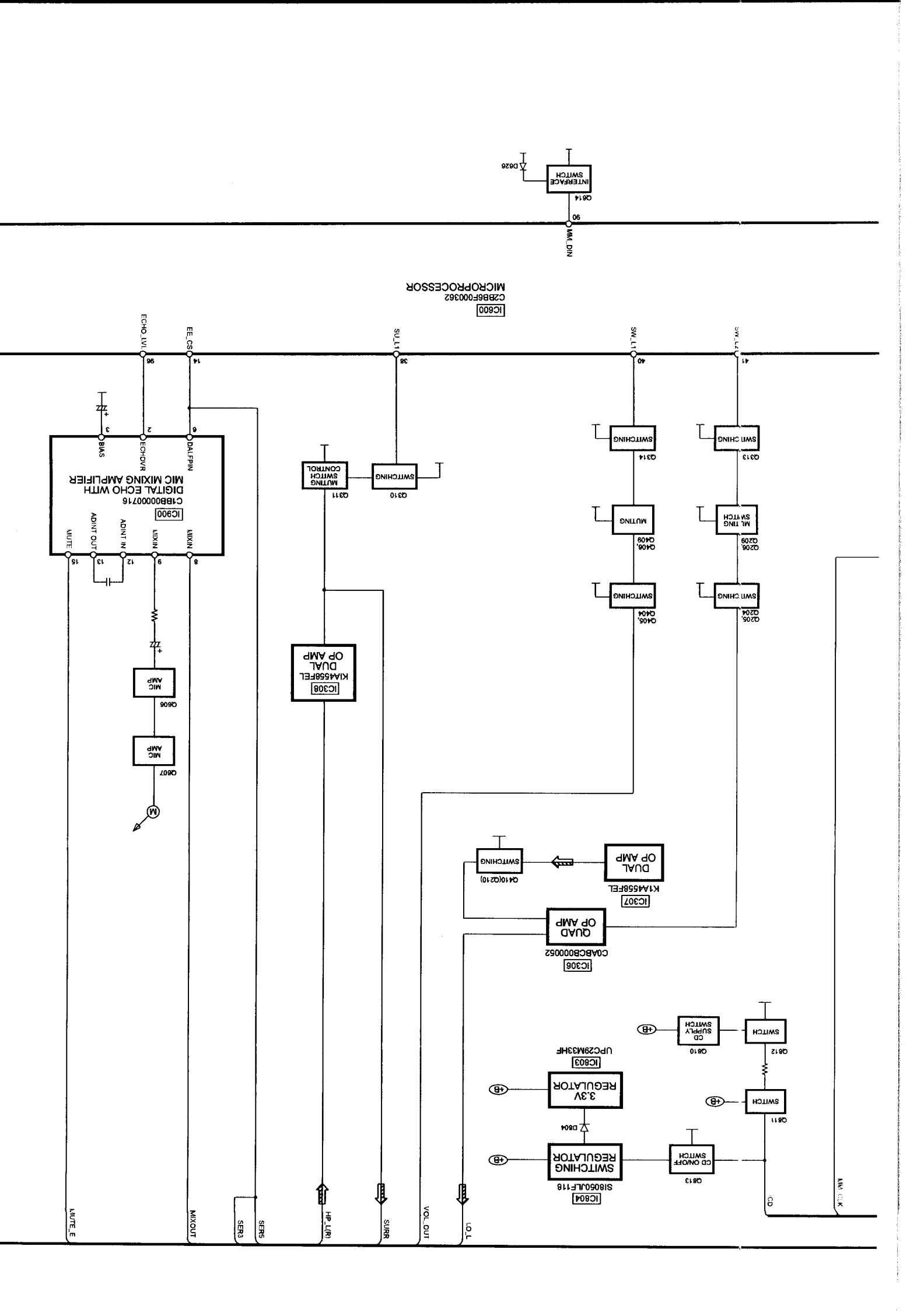
SIGNAL LINES

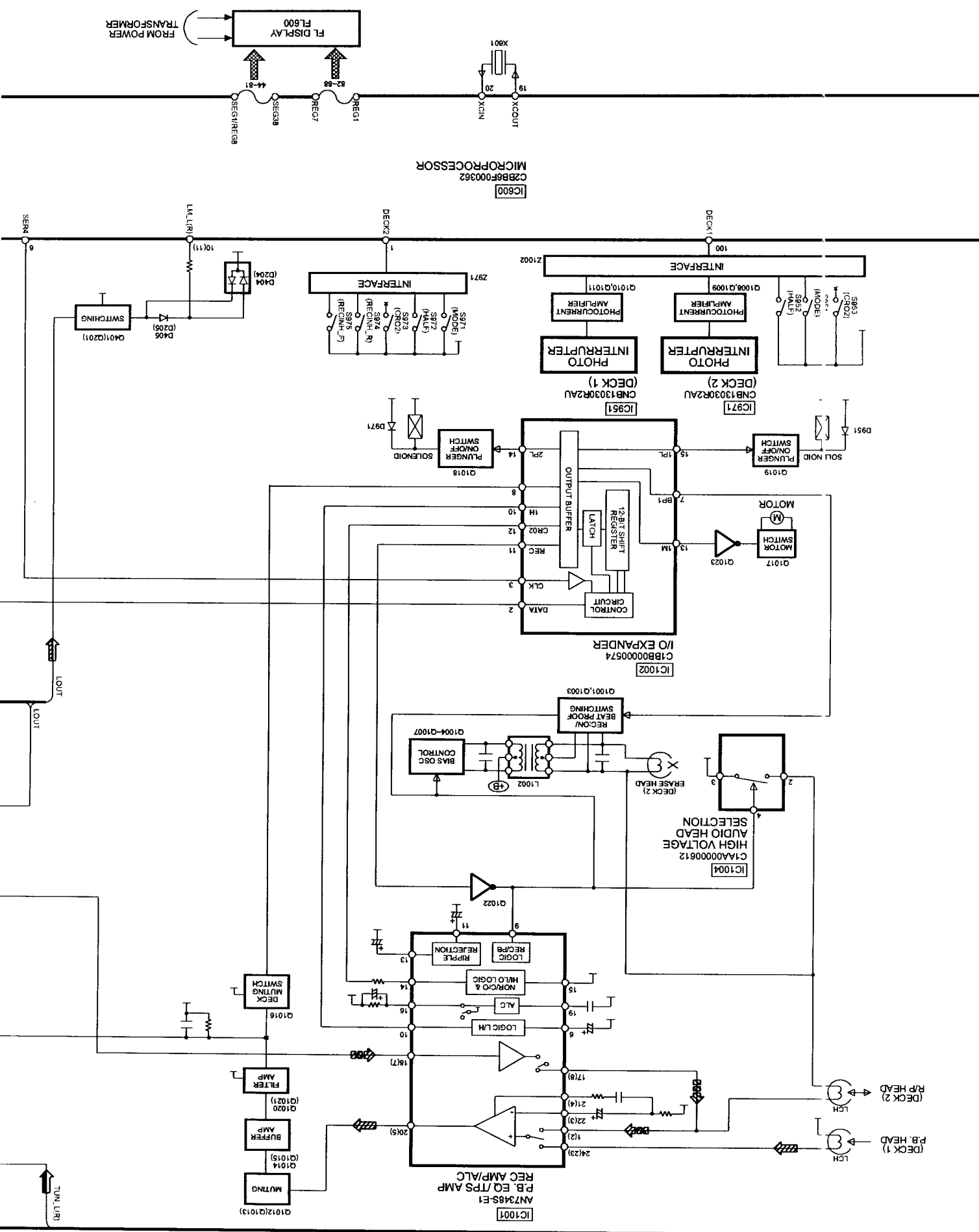
	MAIN SIGNAL LINE		VCD VIDEO SIGNAL LINE		FM & AM SIGNAL LINE		AM SIGNAL LINE		MIC SIGNAL LINE
	CD-DA SIGNAL LINE		RECORD SIGNAL LINE		PLAYBACK SIGNAL LINE		CD SIGNAL LINE		AUX SIGNAL LINE
	VCD AUDIO SIGNAL LINE		AM OSC SIGNAL LINE		FM SIGNAL LINE		FM OSC SIGNAL LINE		

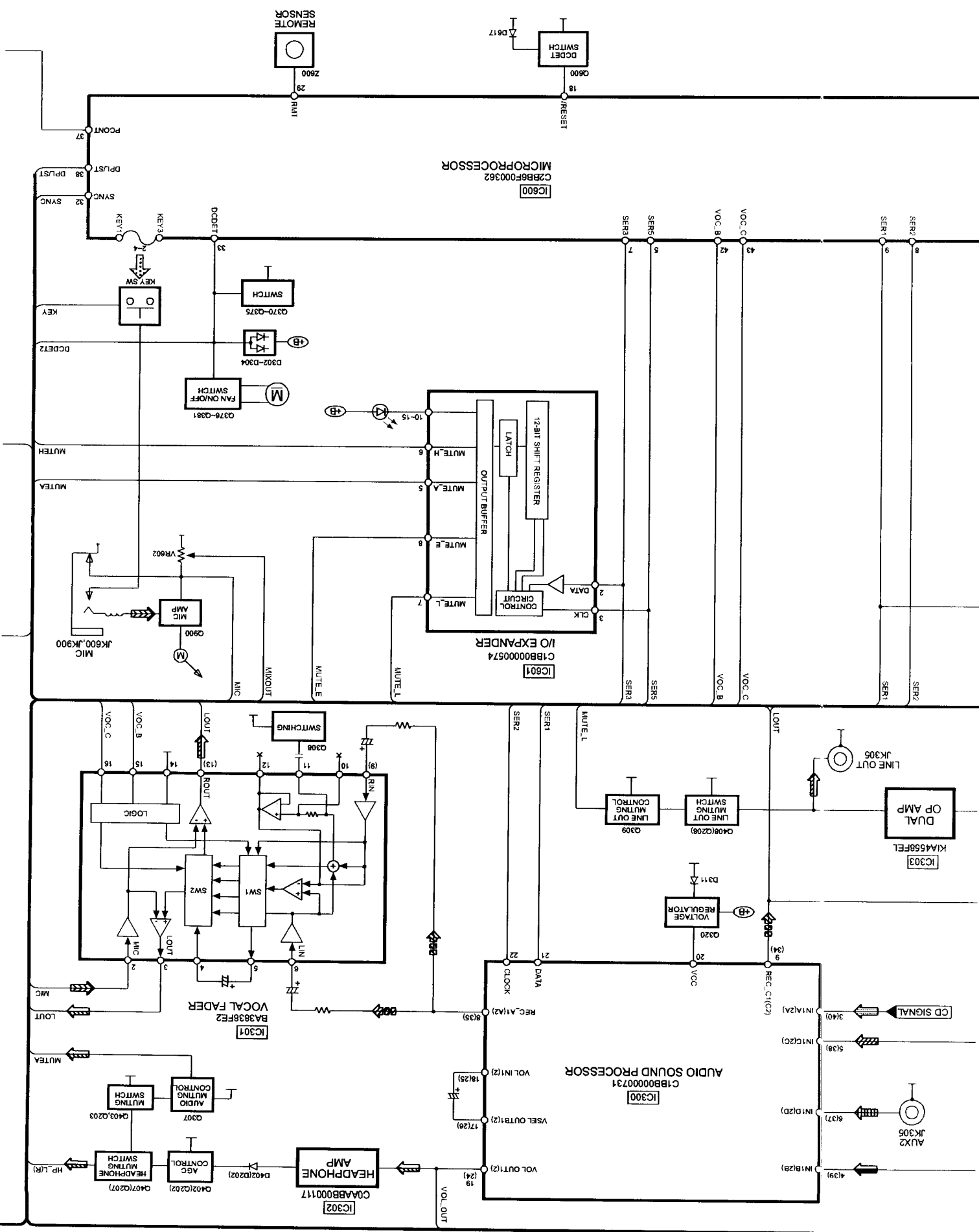
() indicates Pin No. of Right Channel

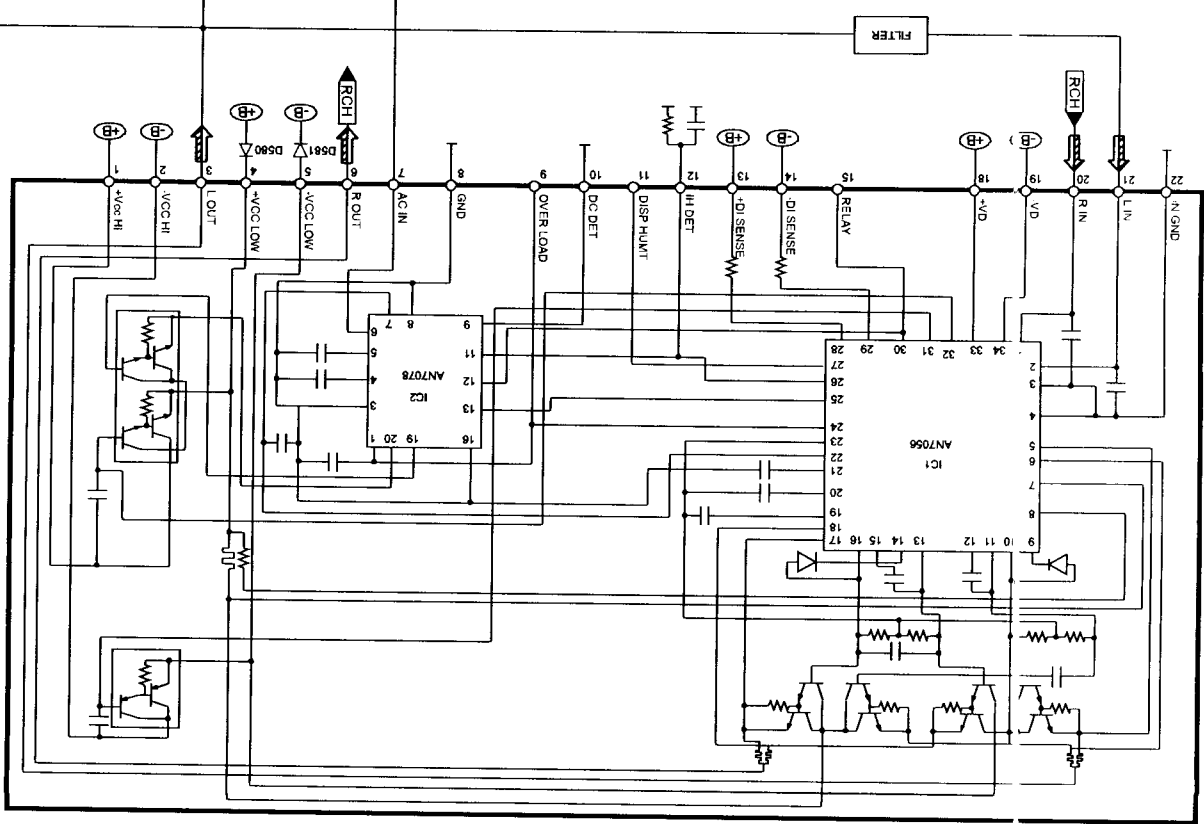
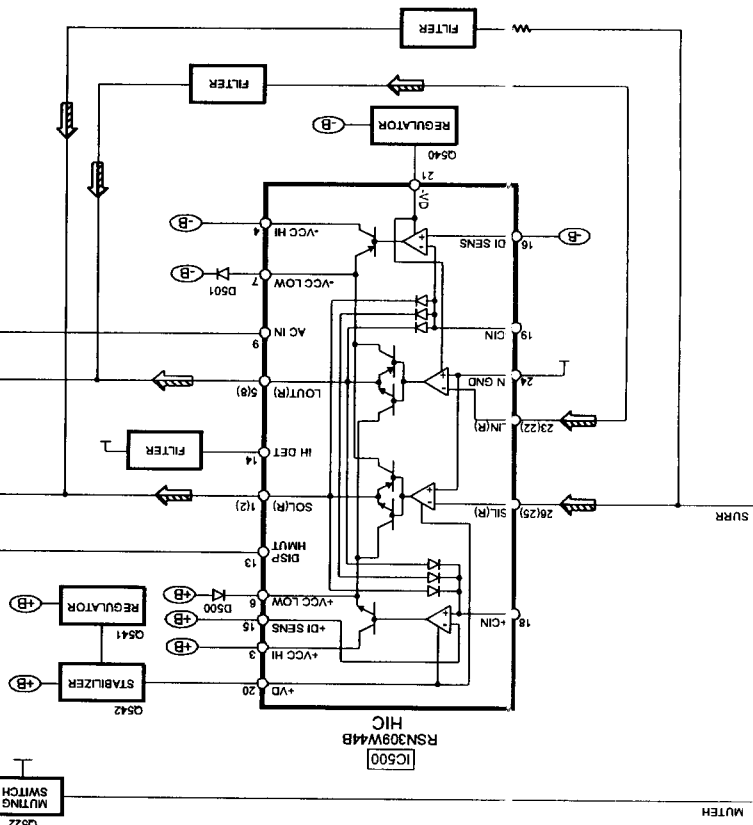
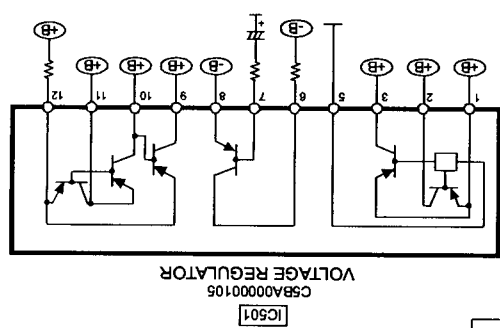
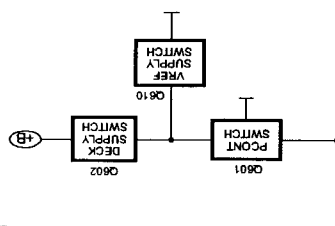












KEY
FL
ACIN
SYNC
DCDET2
SUBW.L
SUBW.L
FL
ACIN
DCDET2
LO.L
LO.L

MUTEH

