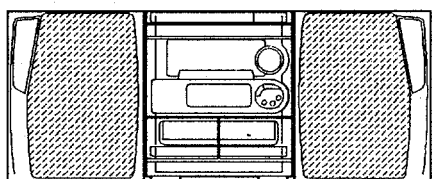


aiwa



NSX-S30 NSX-S32 NSX-S33 NSX-S35 NSX-S36



COMPACT DISC STEREO
CASSETTE RECEIVER

- BASIC TAPE MECHANISM : 6ZM-3 PR1NM<30EZ,35EZ,K,V>
6ZM-3 PR2NM<32HR>, 2ZM-3MK2 PR4NM<33EZ,36HR>
- BASIC CD MECHANISM : 4ZG-1 Z1DNM
- TYPE : HR,EZ,K,V

SYSTEM	SPEAKER	CD - CASSEIVER
NSX-S30 (TYPE : EZ,K,V)	SX - NS30	CX-NS30
NSX-S32 (TYPE : HR)		CX-NS32
NSX-S33 (TYPE : EZ)		CX-NS33
NSX-S35 (TYPE : EZ)	SX - NS30 SX - R270	CX-NS35
NSX-S36 (TYPE : HR)	SX - FNS36	CX-NS36

If requiring information about the CD mechanism, see Service Manual of 4ZG-1,
S/M Code No. 09-974-187-50T.

MANUAL
SERVICE

TRANSISTOR ILLUSTRATION



E C B

KTA1266GR
KTC3198GR



E C B

CSD1489B
CSB1058B



E C B

2SA933S



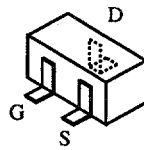
G D S

2SK2723

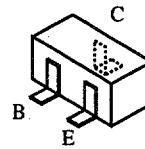


B C E

2SB1370
FN1016
FP1016



2SK2158



2SC2714
RN1410
2SC3052
2SA1235
RT1N141
CSA1362

RT1N144
CSD1306
CMBT5551
RT1P144
RT1P141



E B C

C2N5401

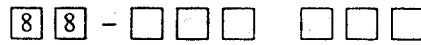


B C E

2SB1626
2SD2495

○ チップ抵抗部品コード/CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち
Chip Resistor Part Coding



A
抵抗部品コード
Resistor Code

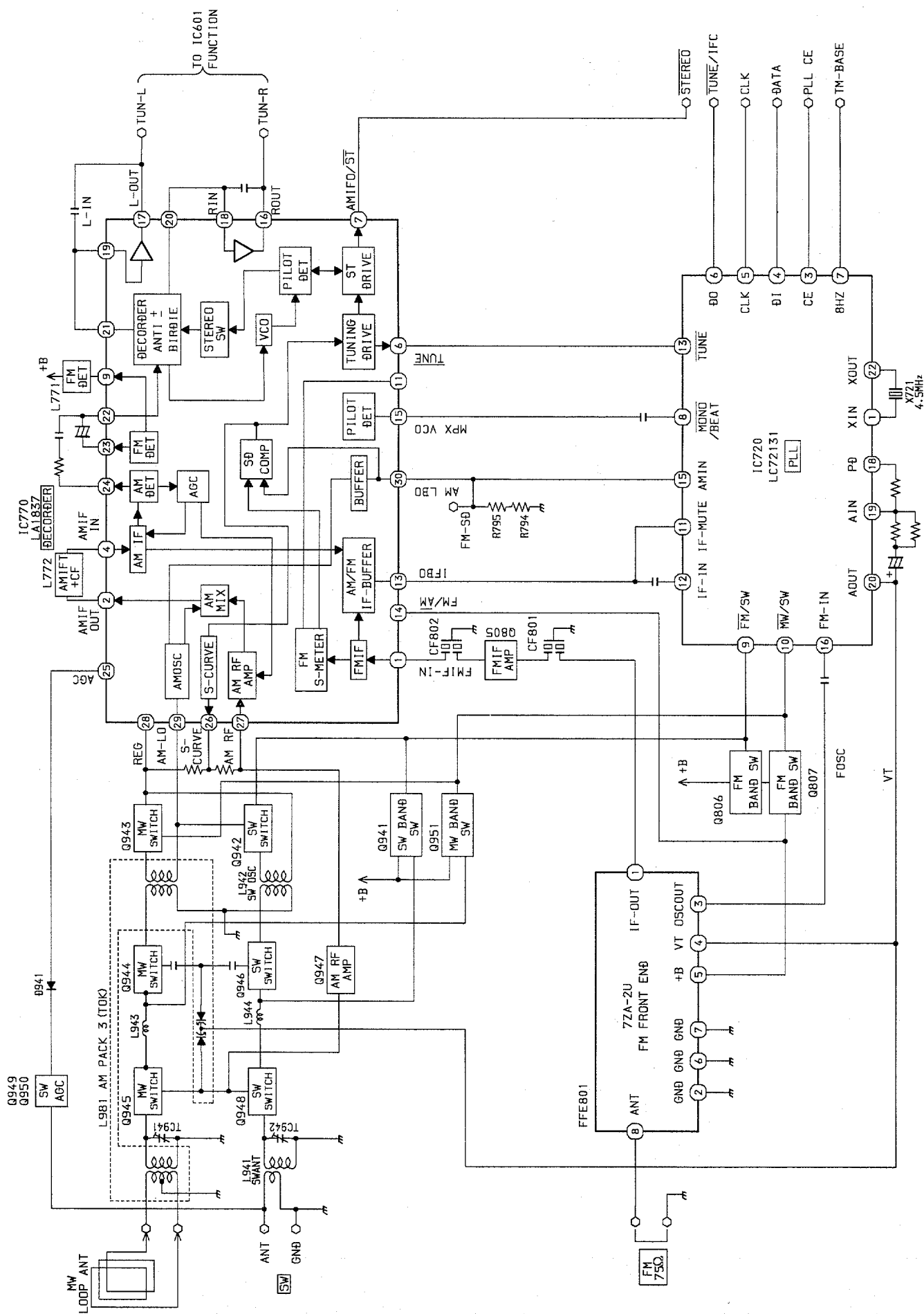
桁表示
Figure

抵抗値
Value of resistor

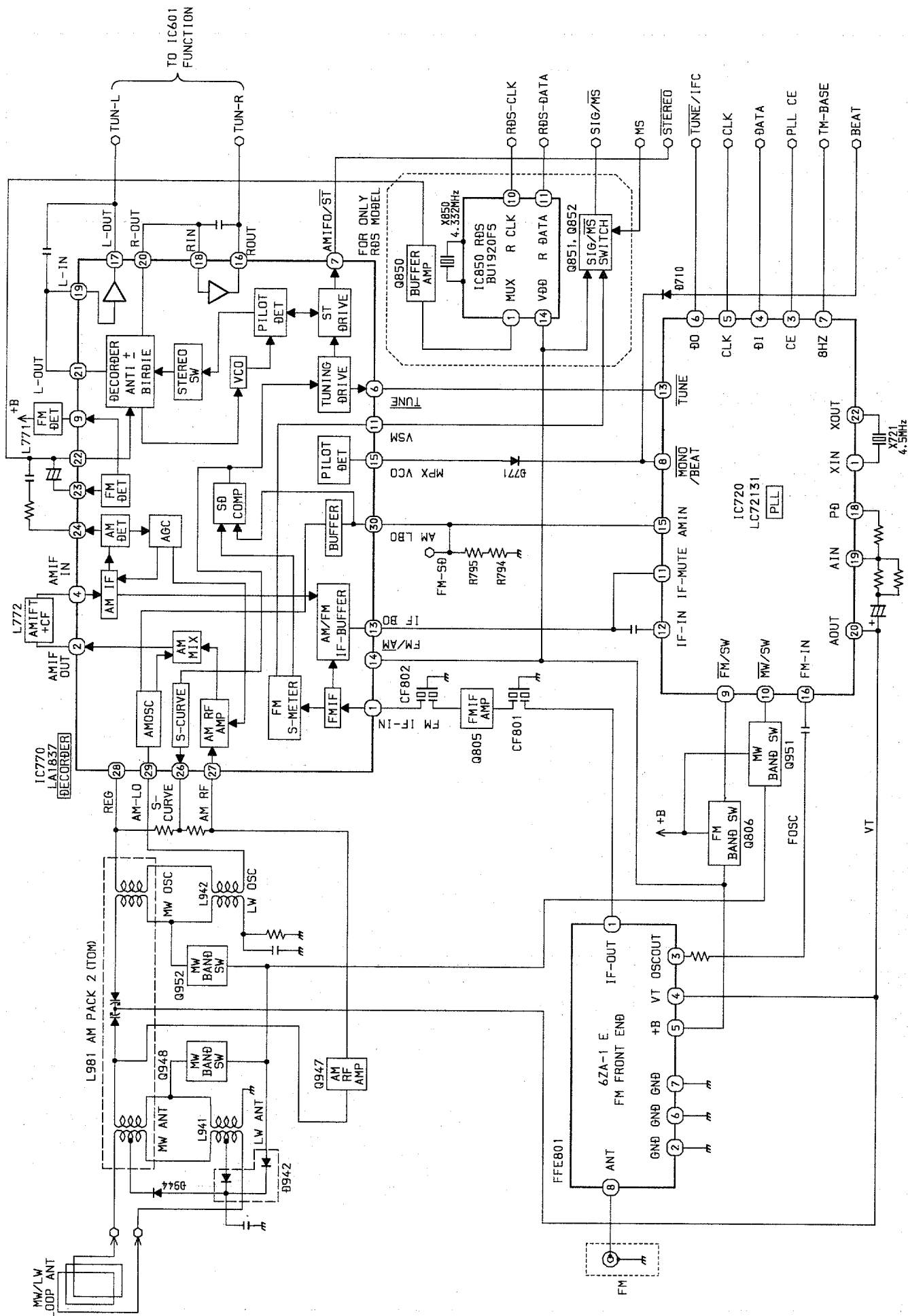
チップ抵抗
Chip resistor

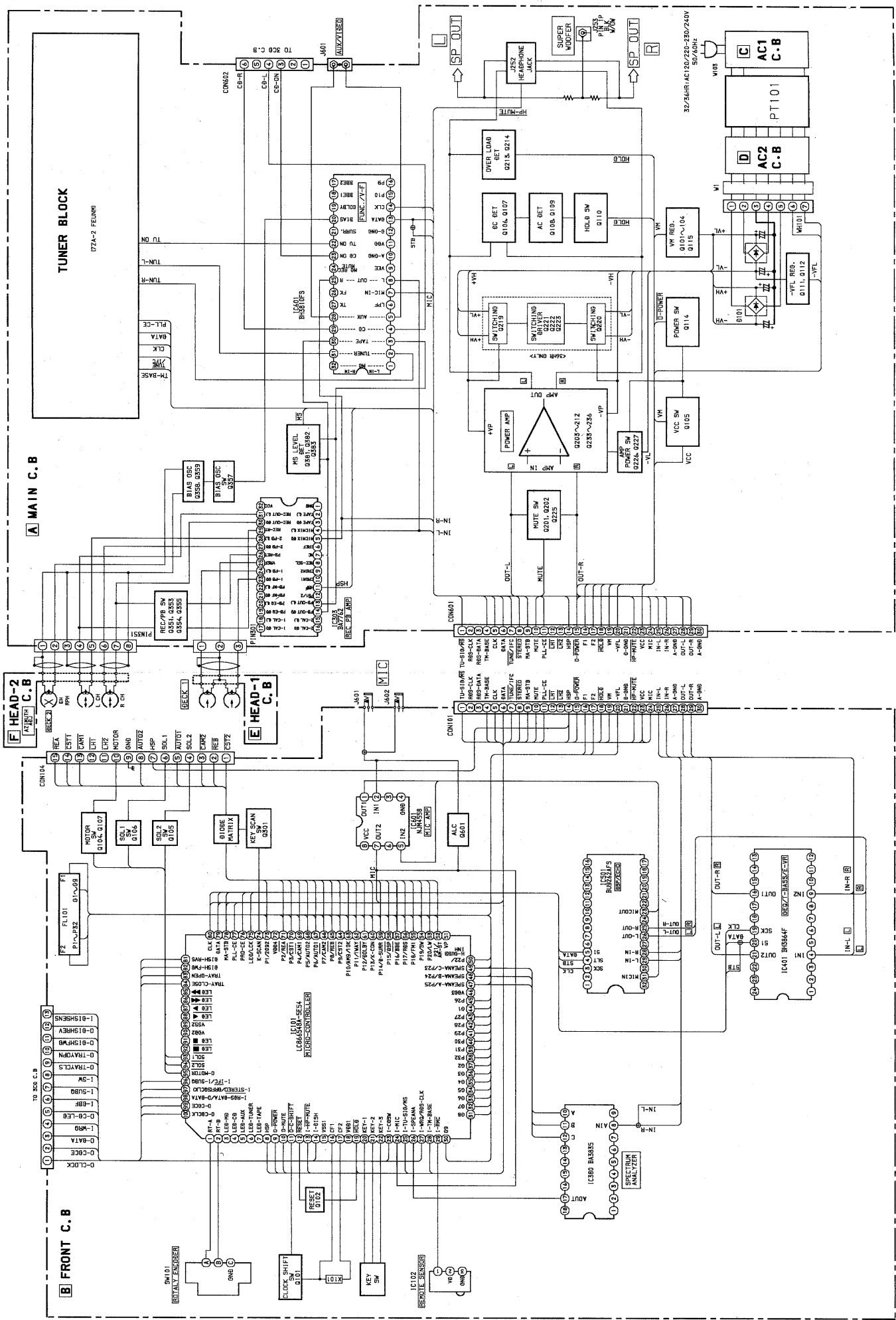
容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法/Dimensions (mm)				抵抗コード : A Resistor Code: A
				外形/Form	L	W	t	
1/16W	1608	±5%	CJ		1.6	0.8	0.45	108
1/10W	2125	±5%	CJ		2	1.25	0.45	118
1/8W	3216	±5%	CJ		3.2	1.6	0.55	128

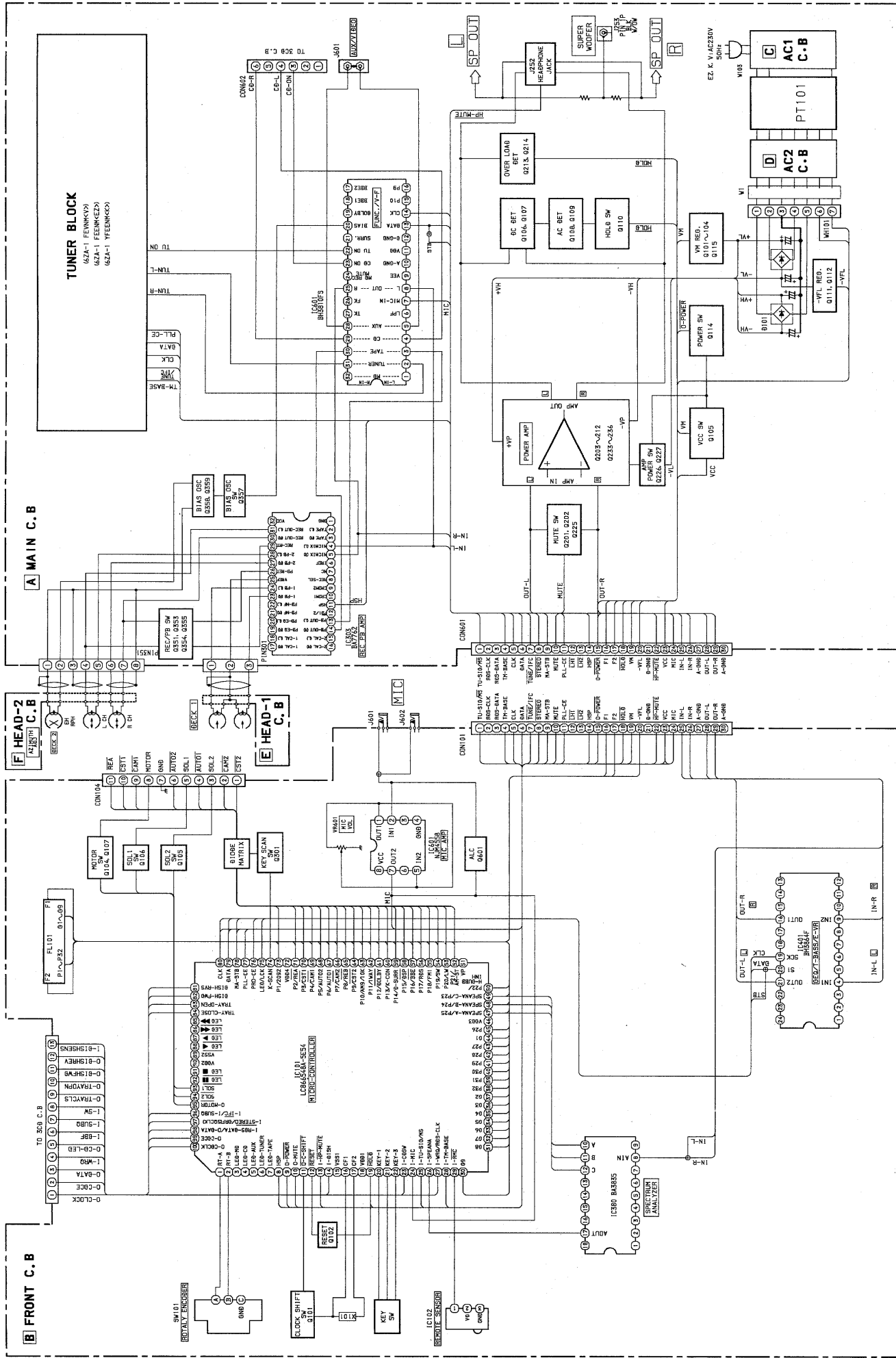
BLOCK DIAGRAM - 1 (TUNER : HR)



BLOCK DIAGRAM - 2 (TUNER : 30EZ, 33EZ, 35EZ, K)







1 2 3 4 5 6 7 8 9 10 11 12 13 14

A

B

C

D

E

F

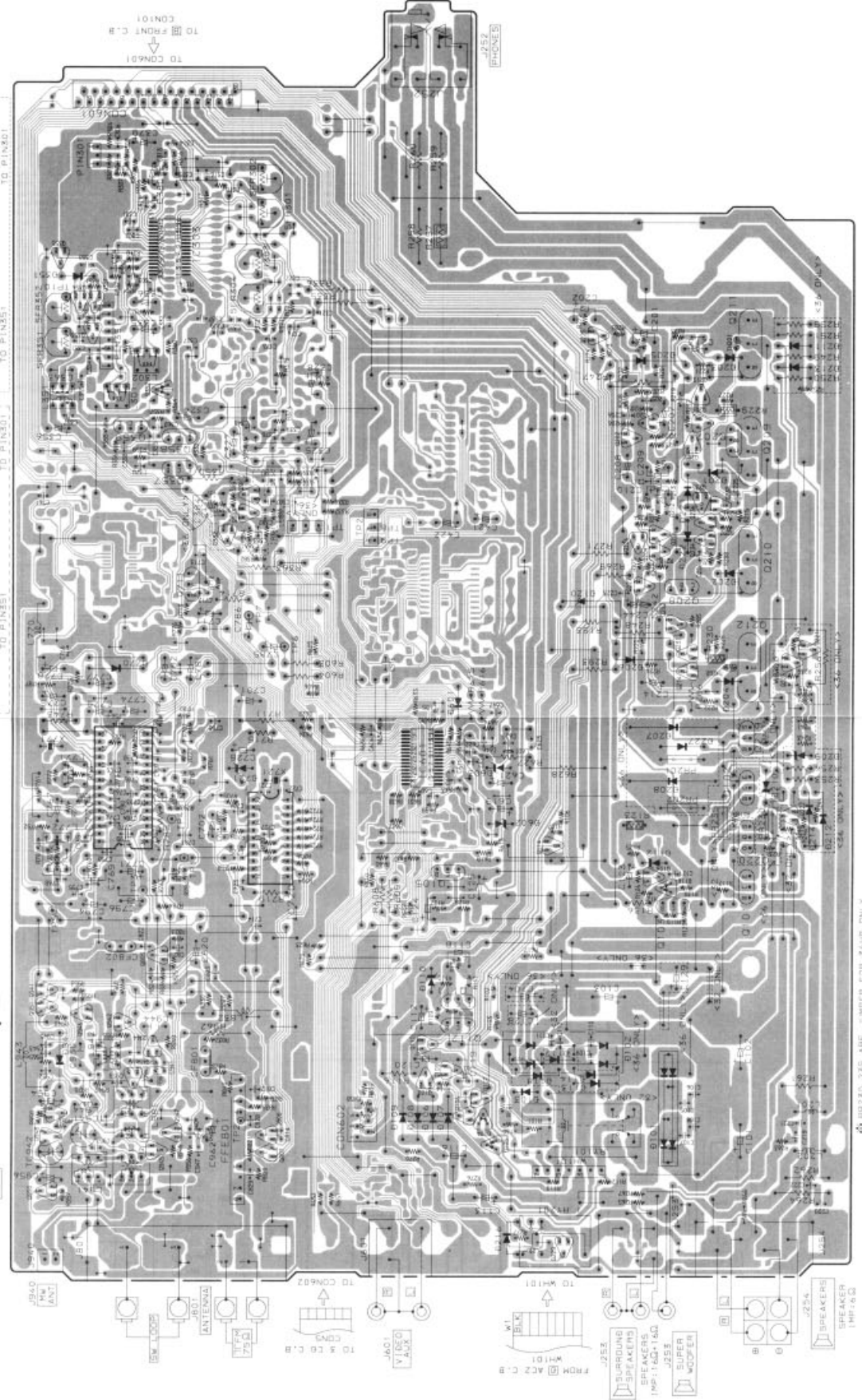
G

H

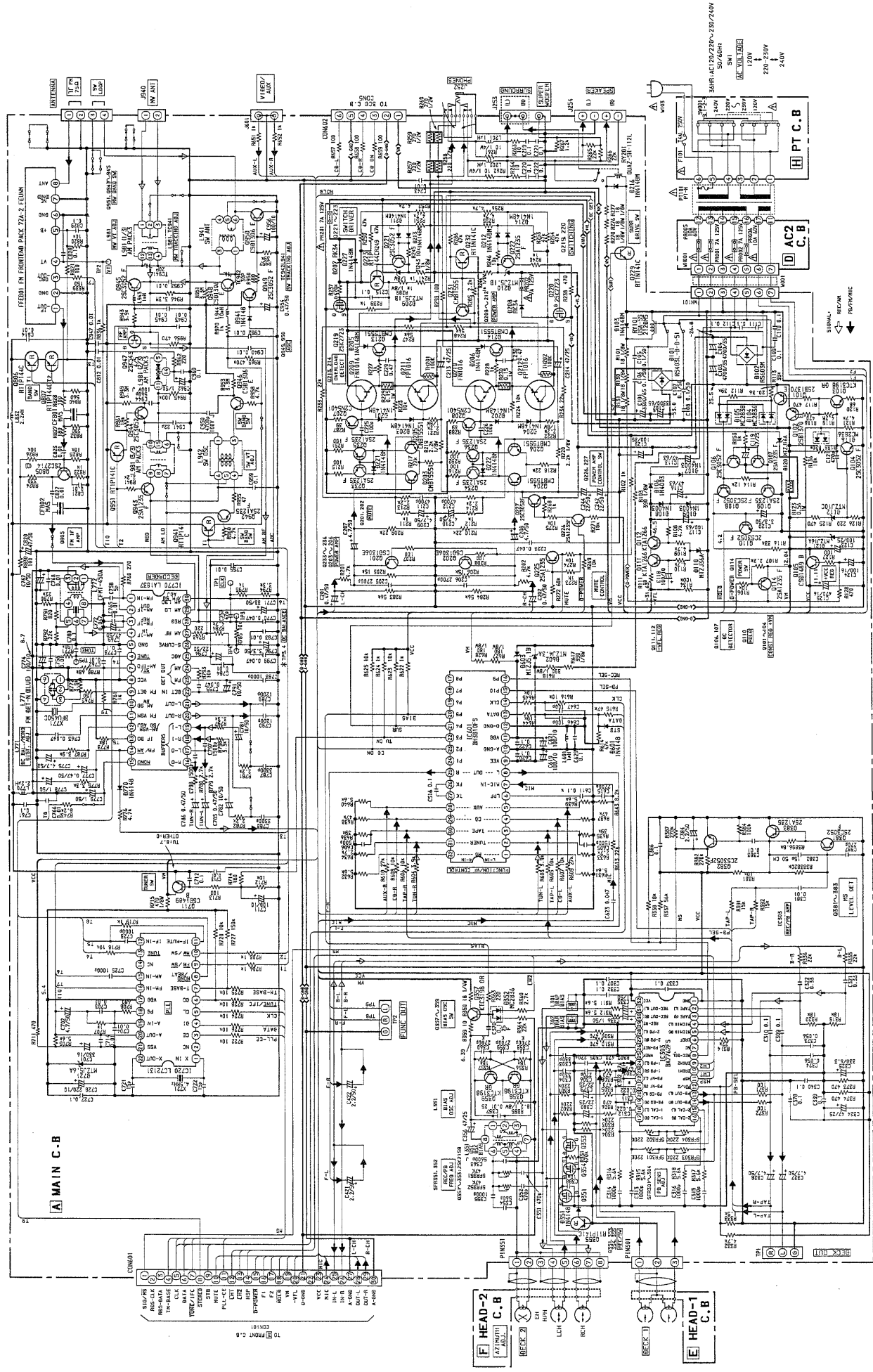
I

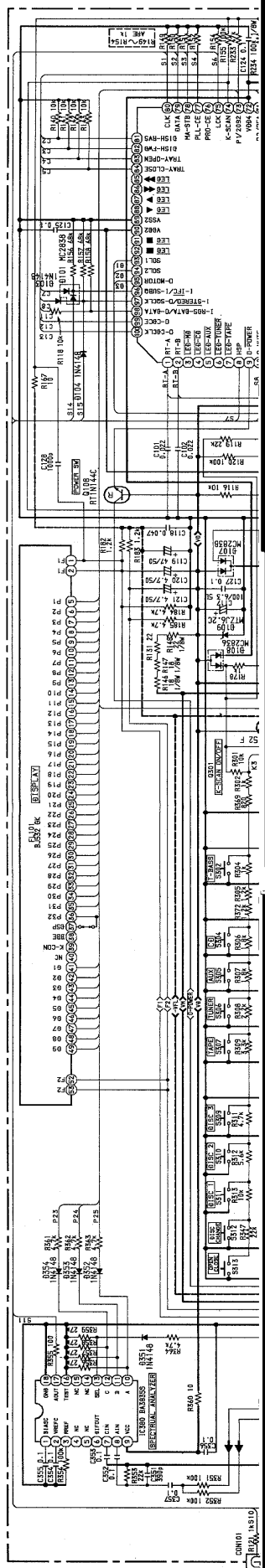
J

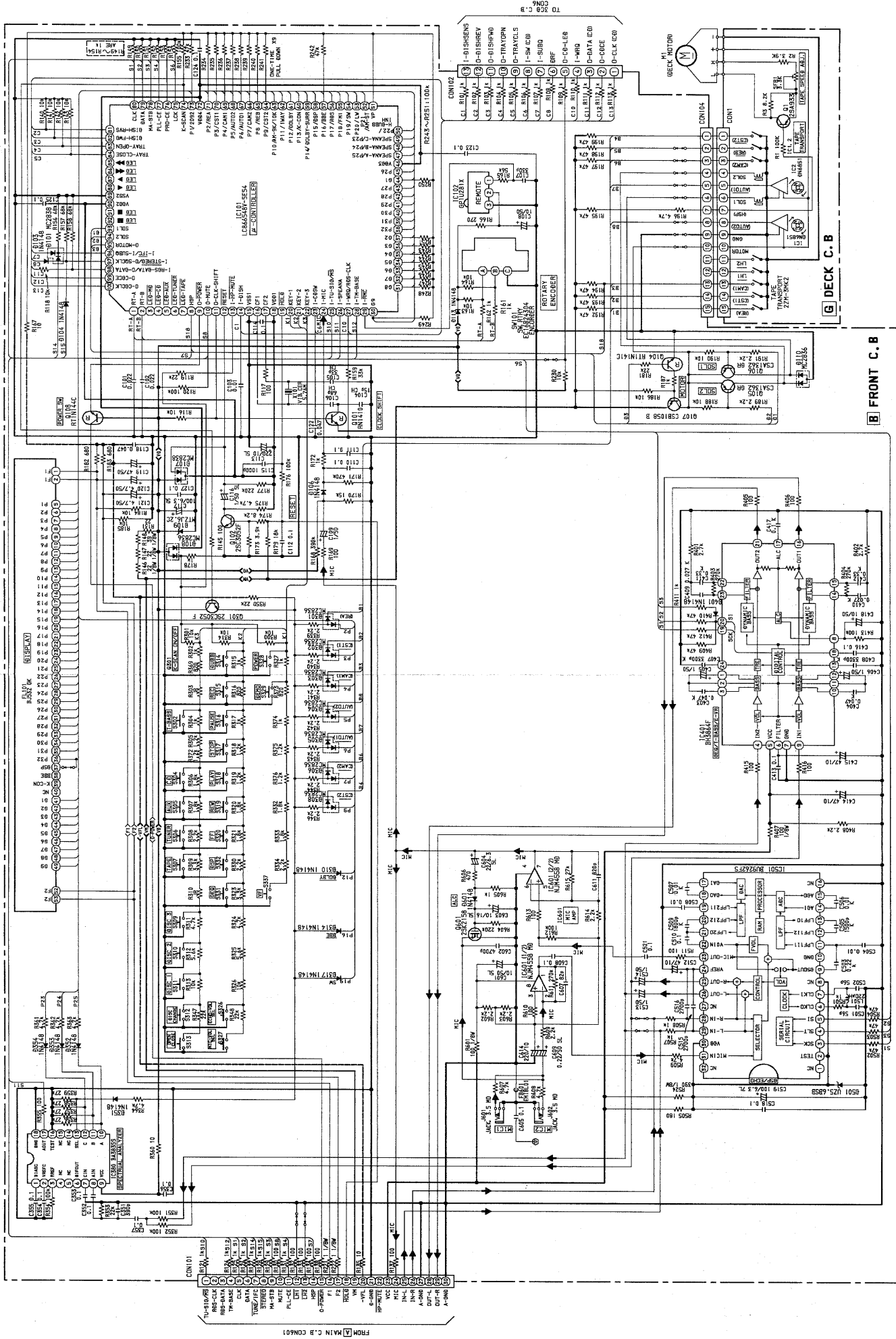
A MAIN C.B



PH230, 235 ARE JUMPER FOR 34HR ONLY

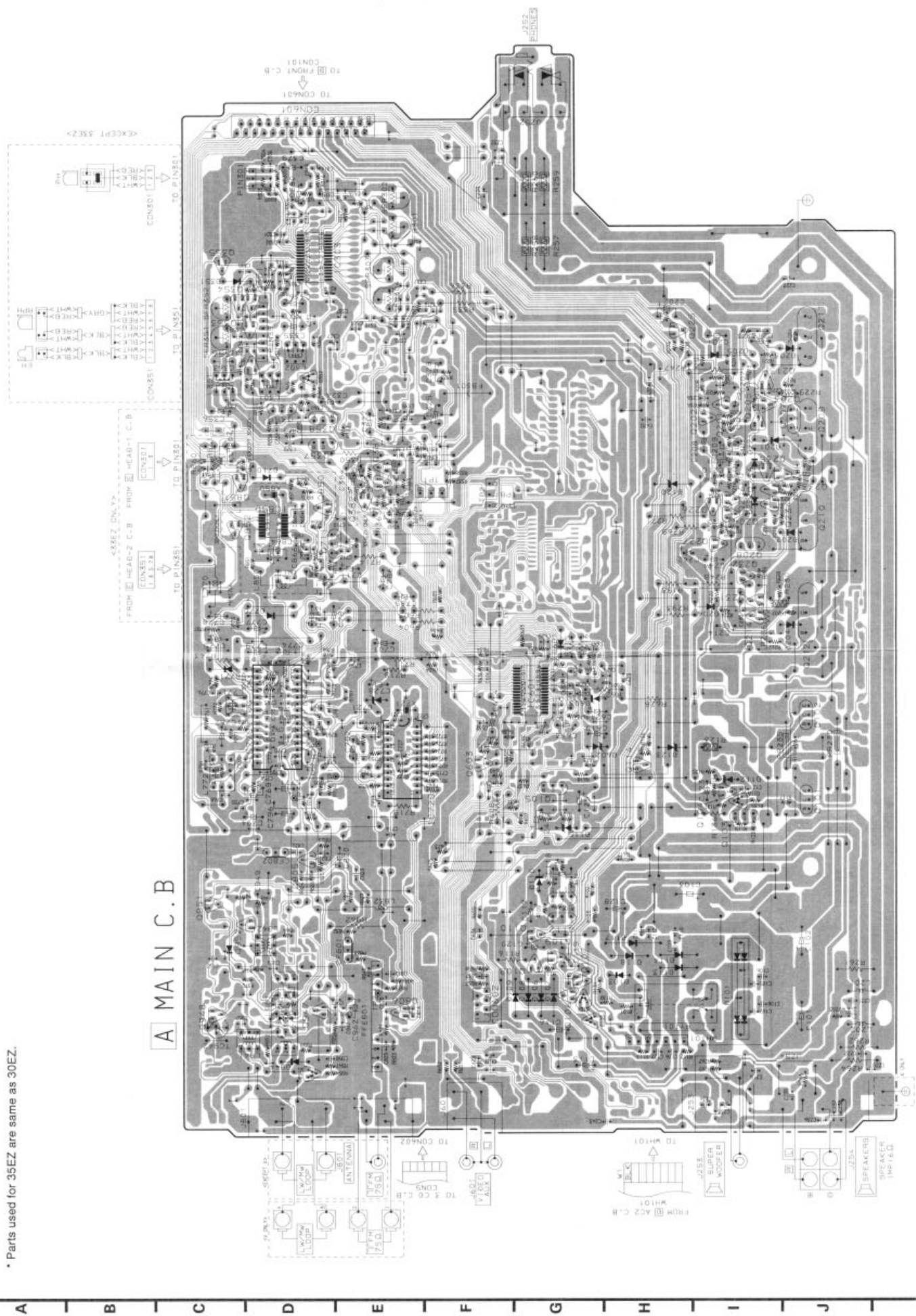


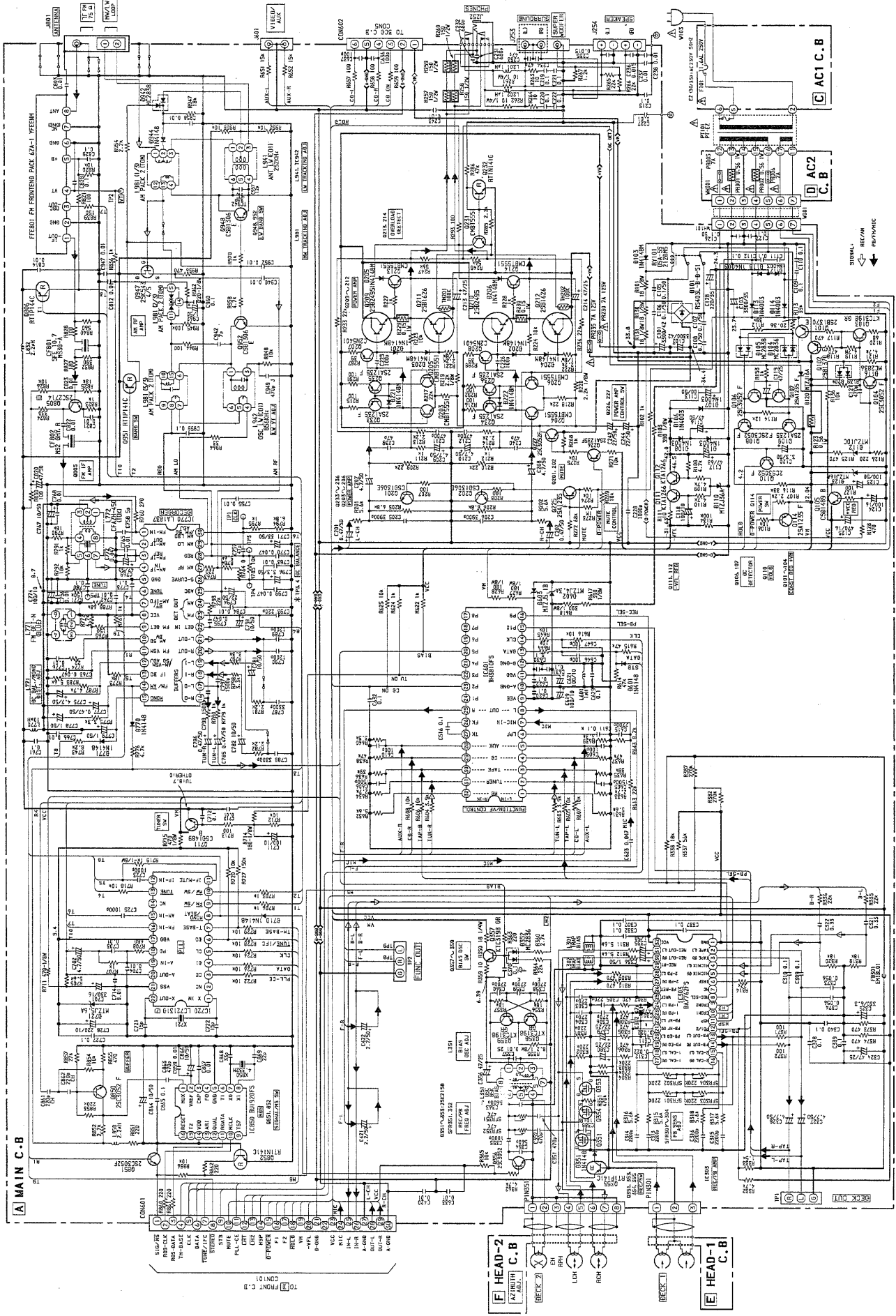


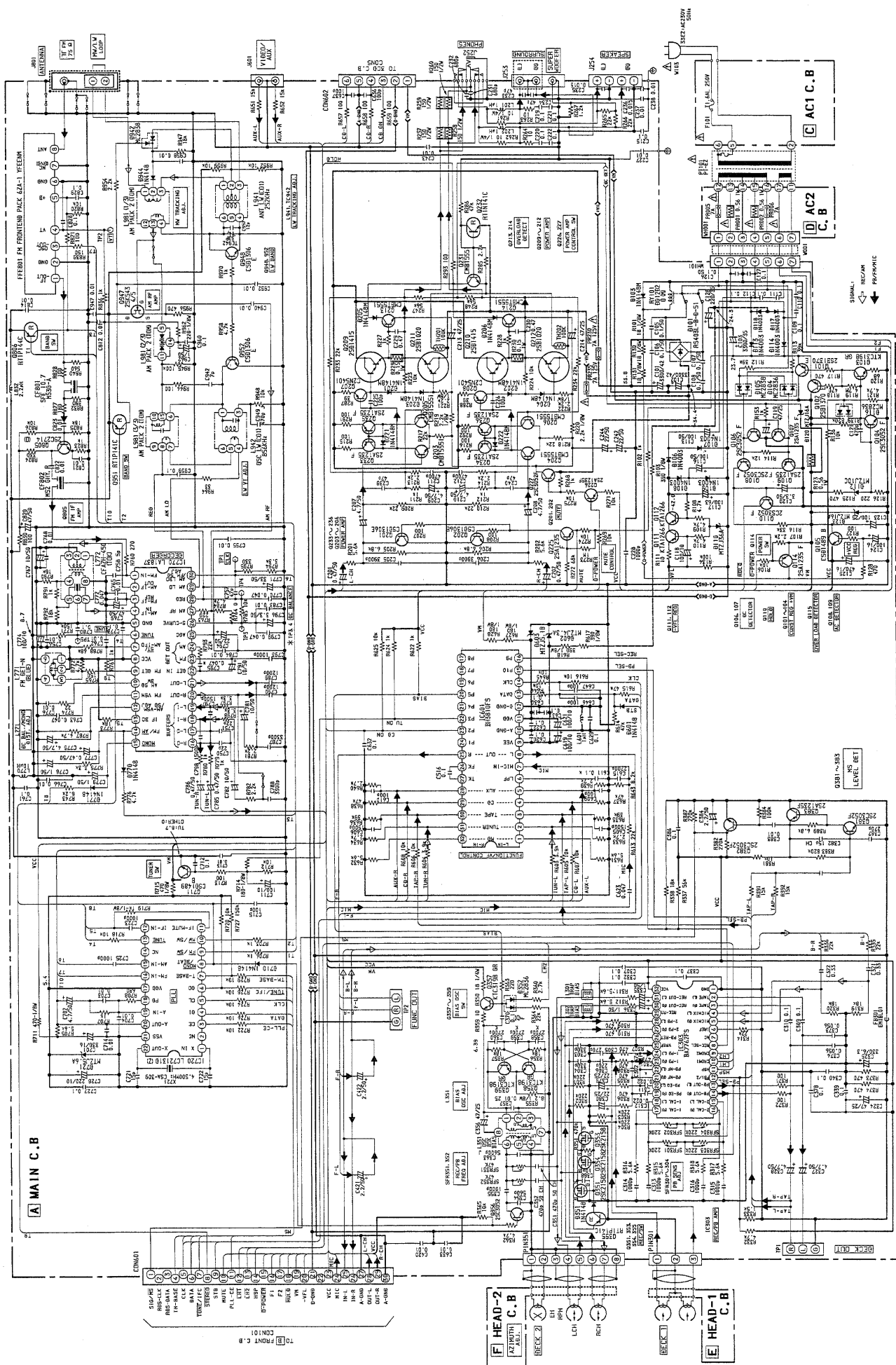


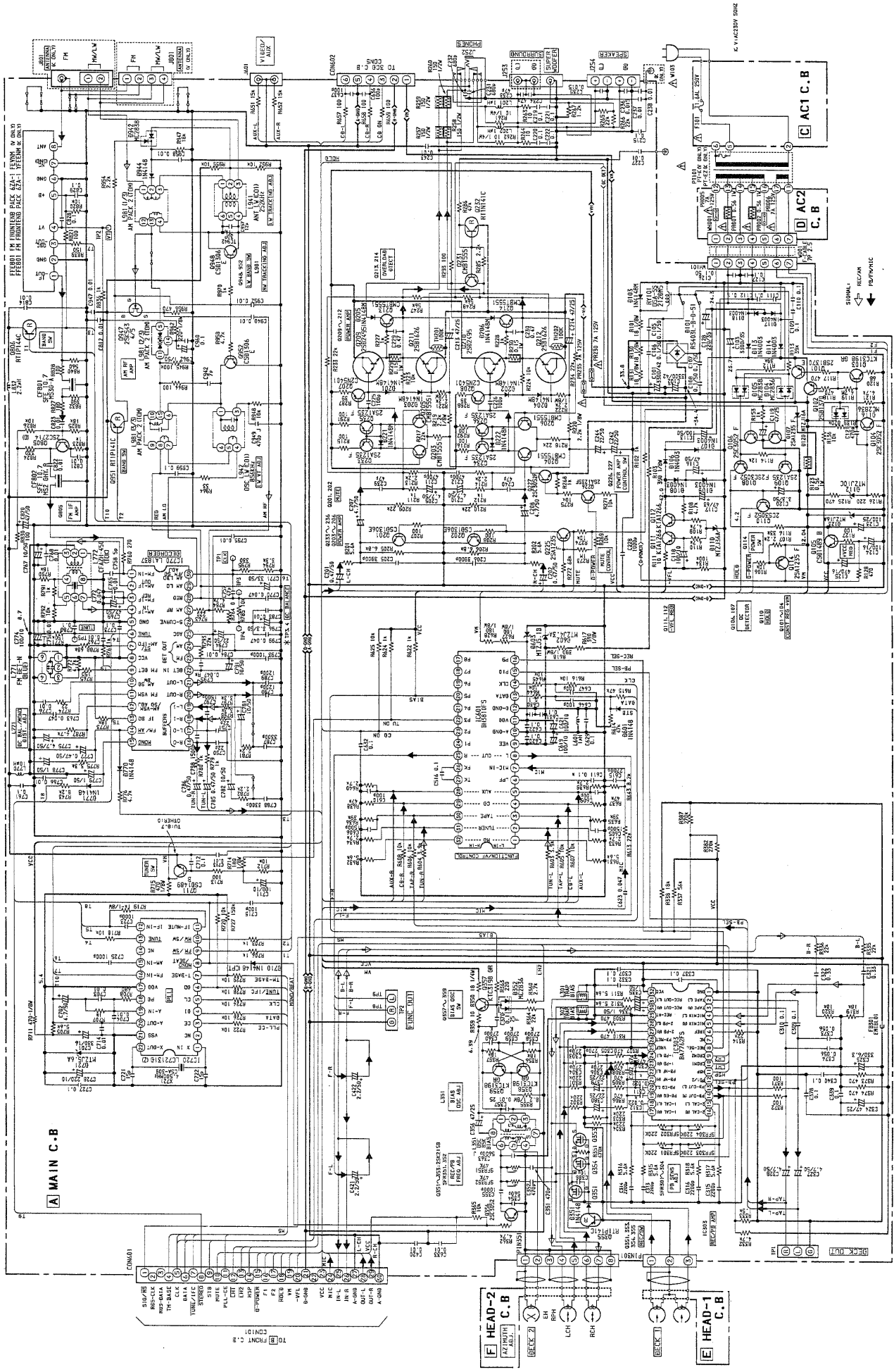
* Parts used for 35EZ are same as 30EZ.

A MAIN C.B

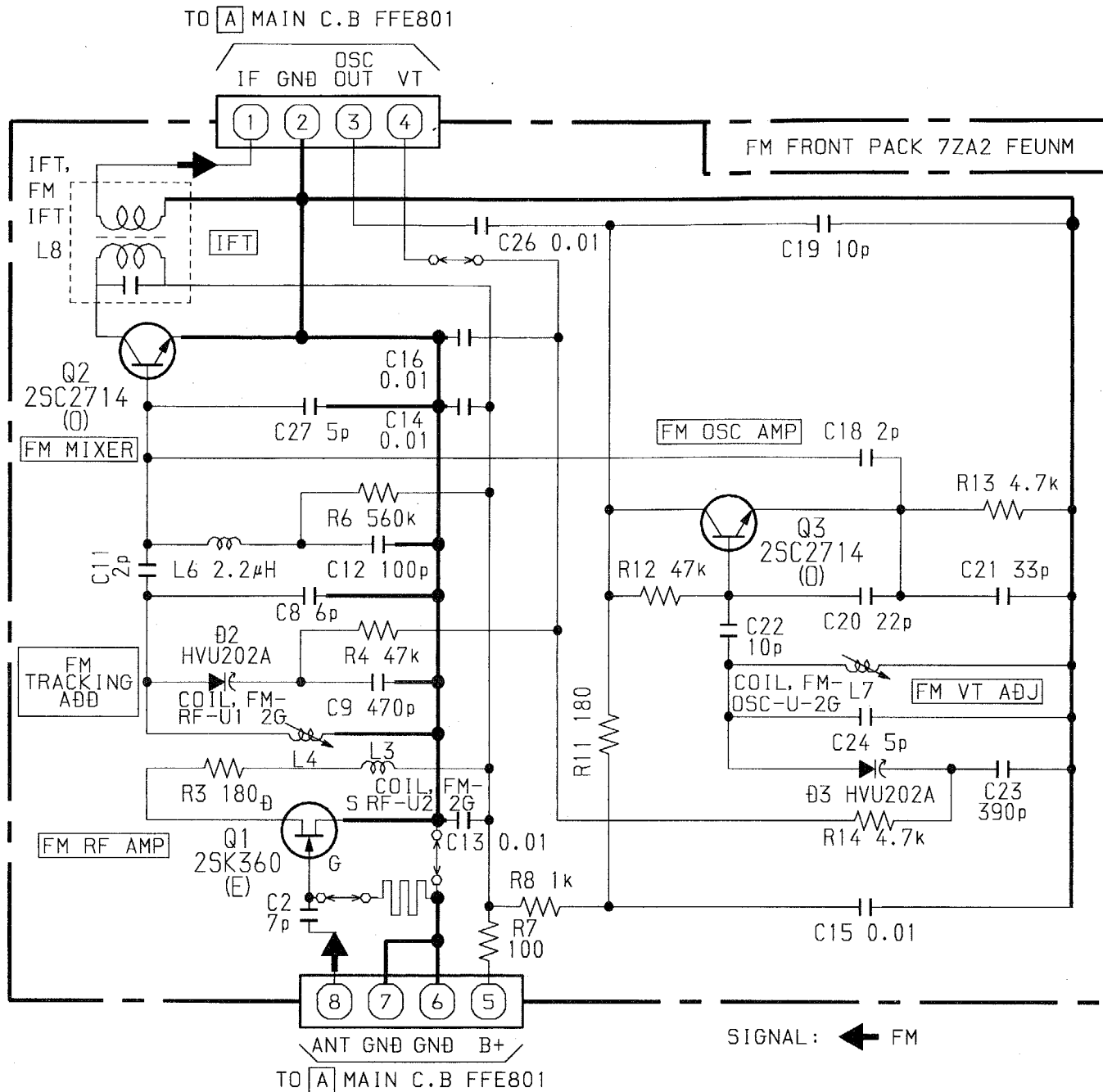








SCHEMATIC DIAGRAM - 8 (TUNER : 7ZA - 2)



B FRONT C.B

The diagram shows the front control board circuitry. It includes a power supply section at the top left with a transformer (T-1) and various filter capacitors (C100, C101, C102). The main signal processing area contains several integrated circuits, including a 74LS00 (NAND gate), a 74LS04 (inverter), and a 74LS161 (counter). There are also several resistors (R1 through R100) and capacitors (C1 through C100) used for timing and signal conditioning. A microphone input (MIC) is shown at the bottom left, connected to a preamplifier stage. The output section includes a speaker or earphone connection (SPK) and a volume control potentiometer (POT).

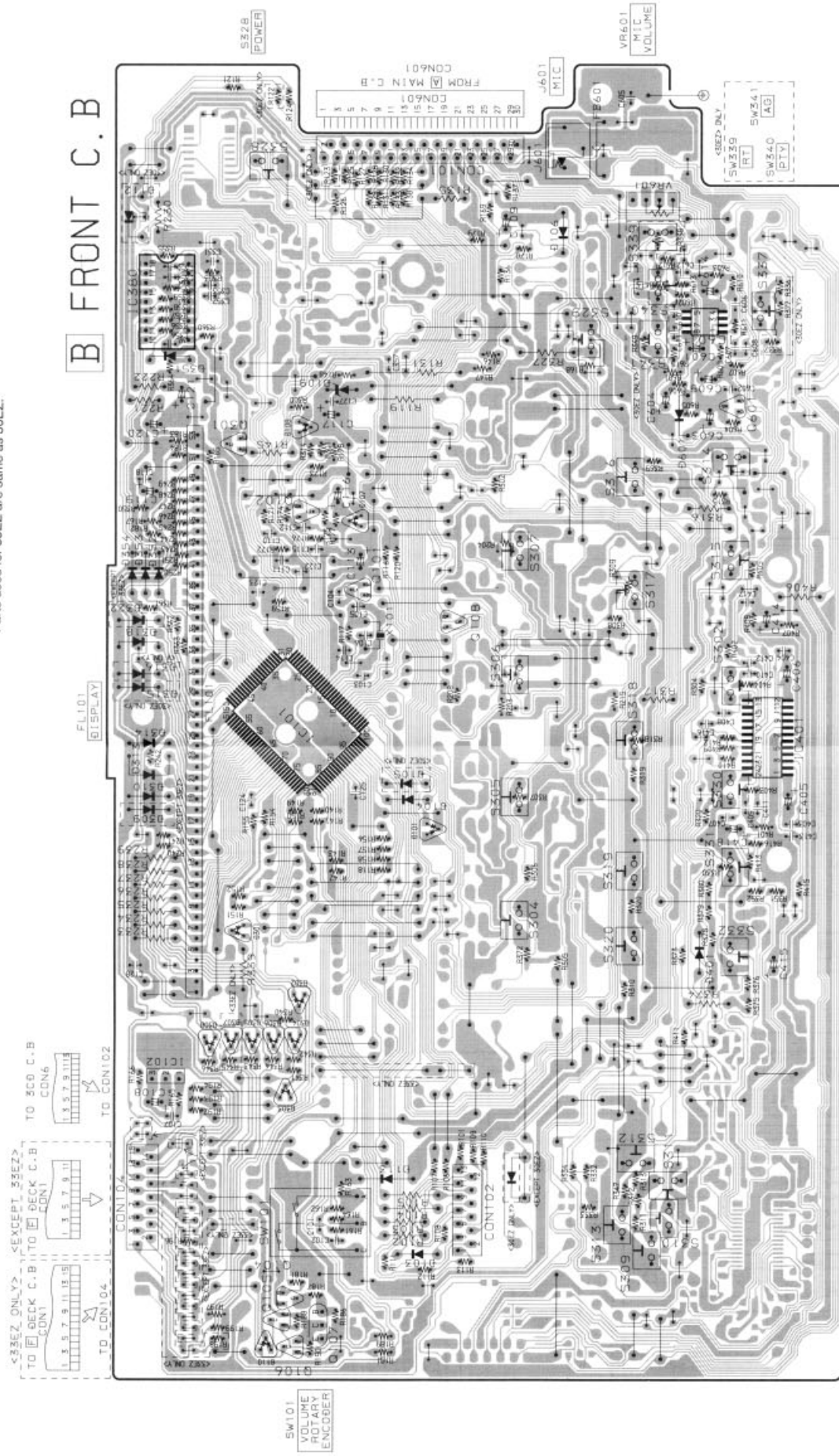
G DECK C.B

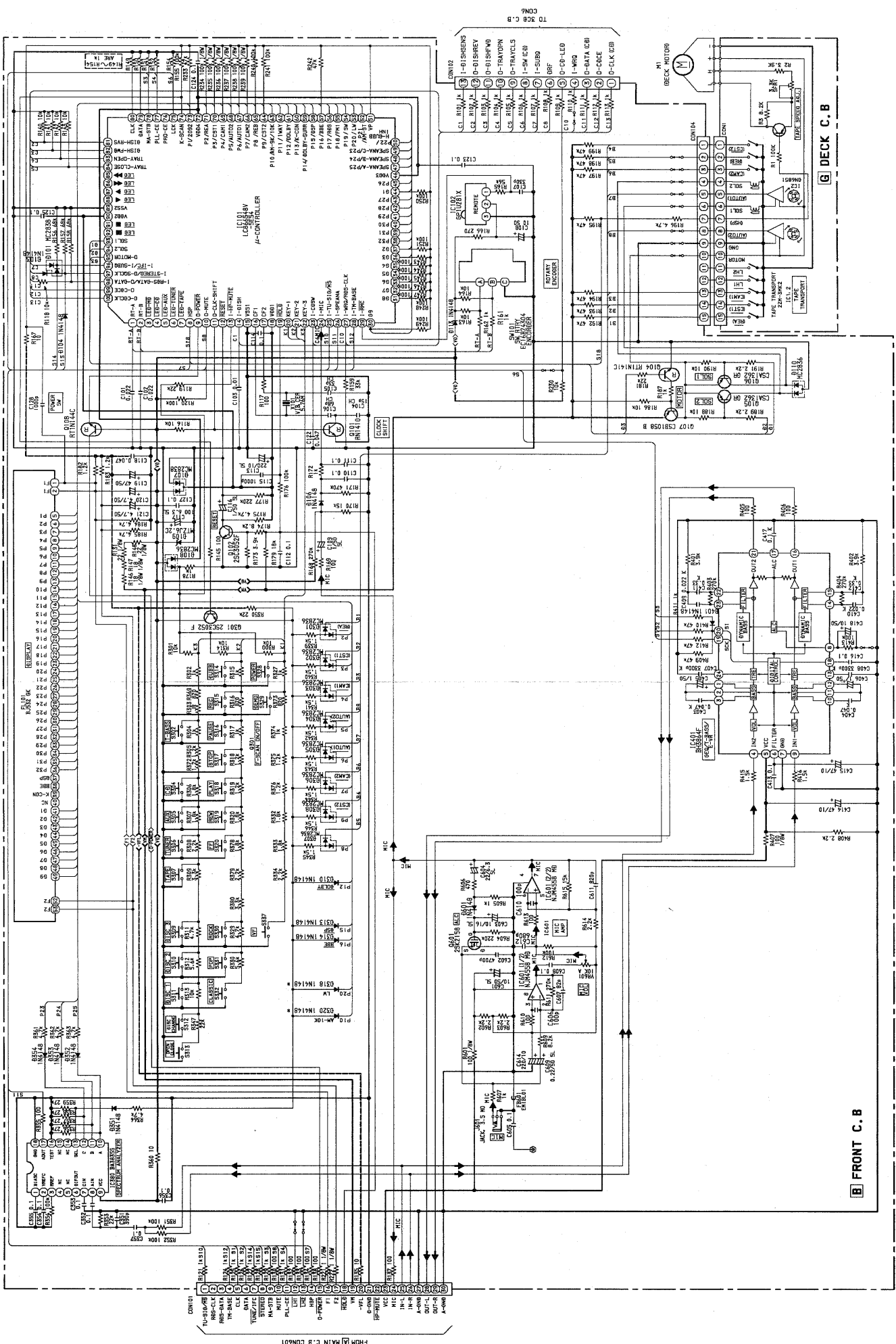
The diagram shows the deck control board circuitry. It features a motor driver section at the top right, which includes a relay (RELAY) and a motor (MOTOR). The central part of the diagram contains a complex network of transistors (Q1 through Q10), diodes (D1 through D10), and resistors (R1 through R100). This section likely controls the tape transport mechanism. At the bottom, there are connections for the tape transport mechanism, including TAPE TRANSPORT and TAPE MOTOR.

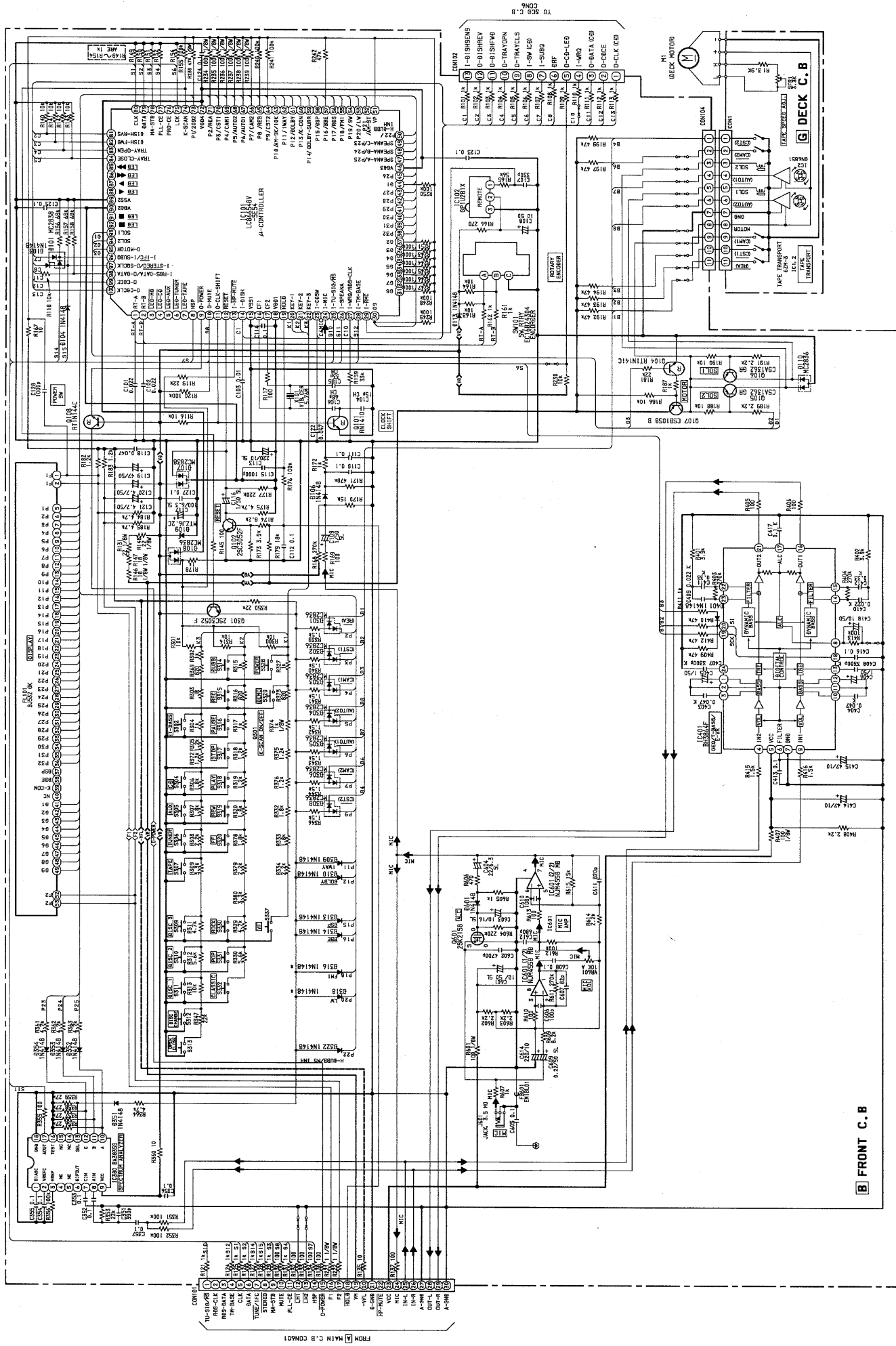
1 2 3 4 5 6 7 8 9 10 11 12 13 14

* Parts used for 35EZ are same as 30EZ.

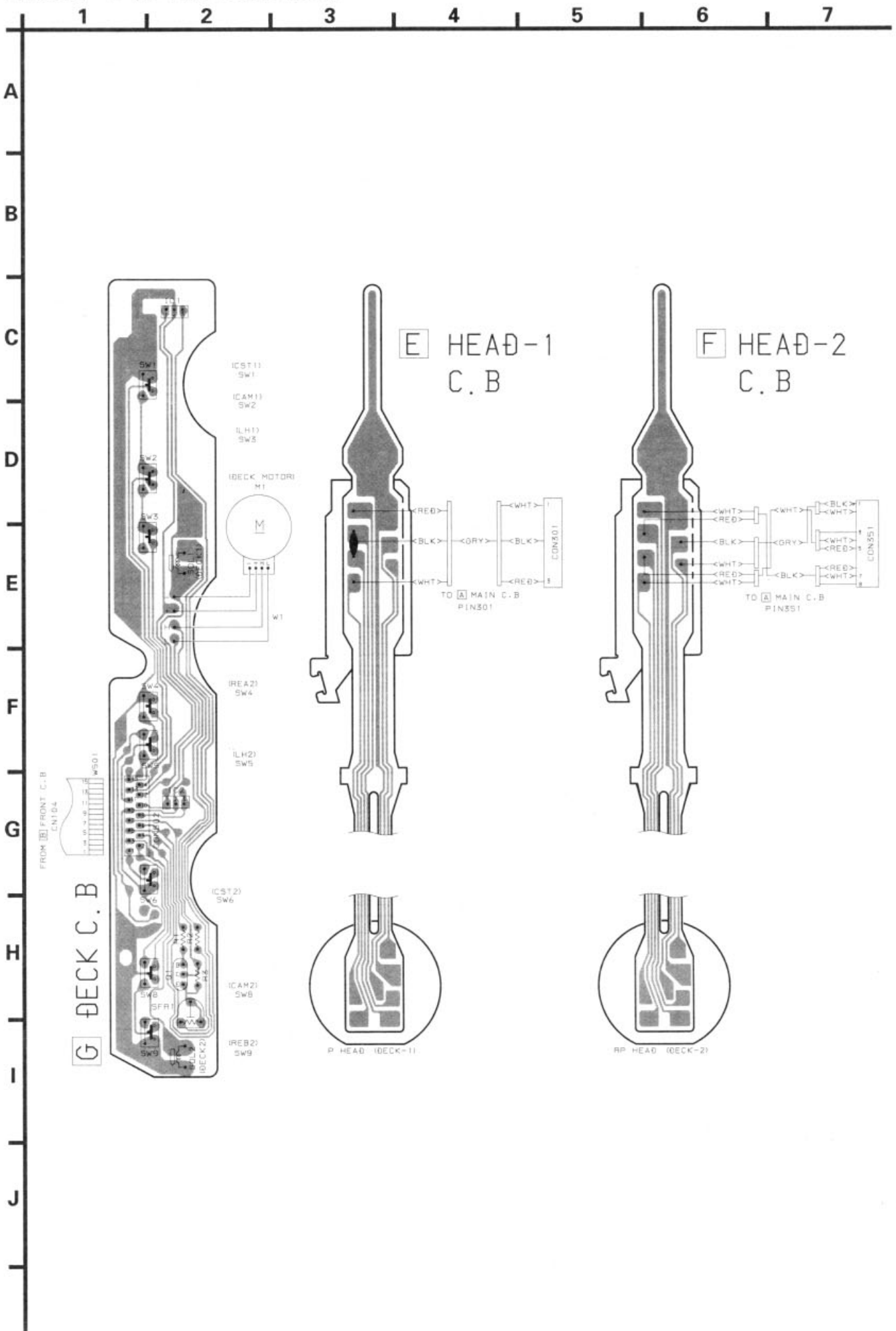
B FRONT C.B.

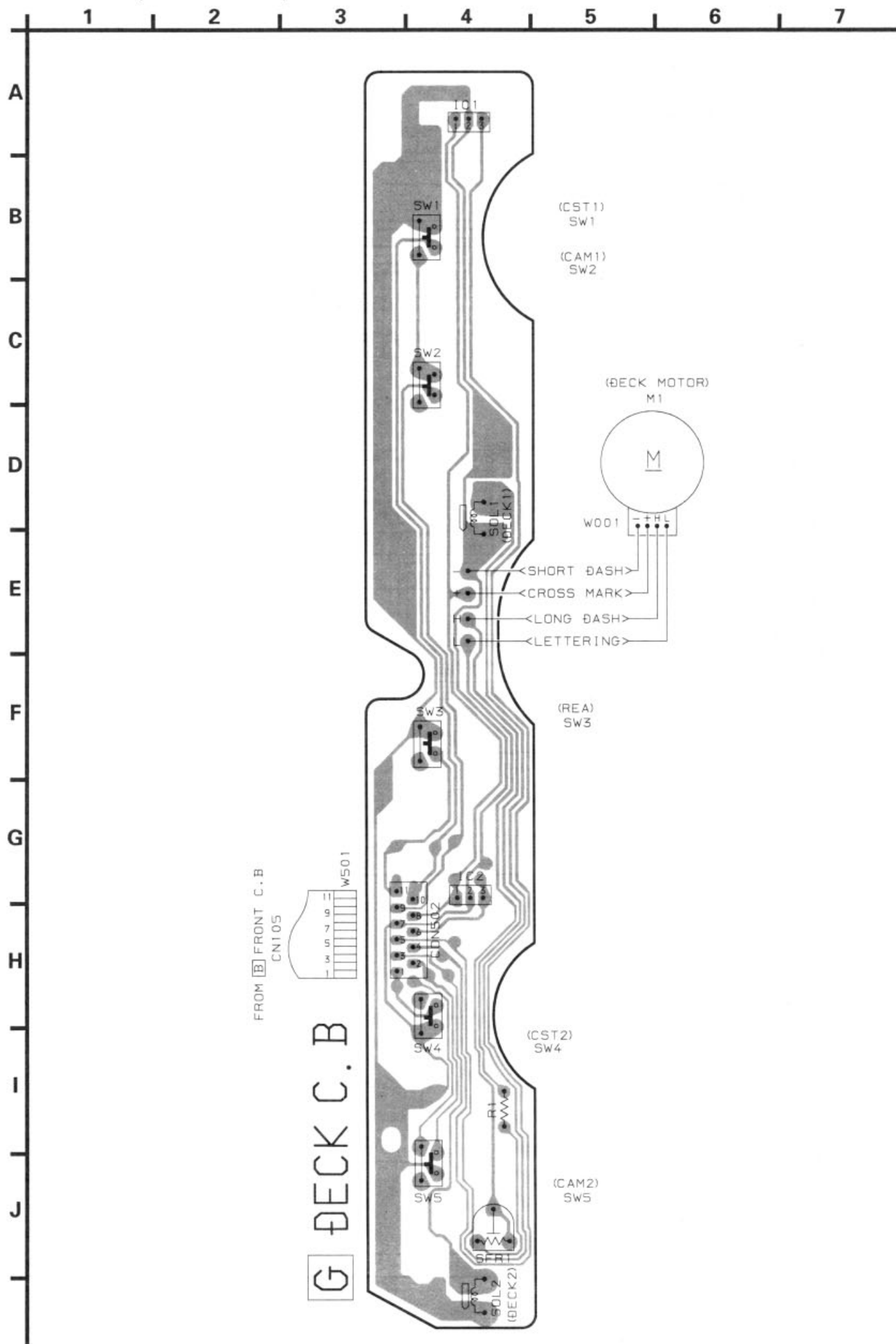


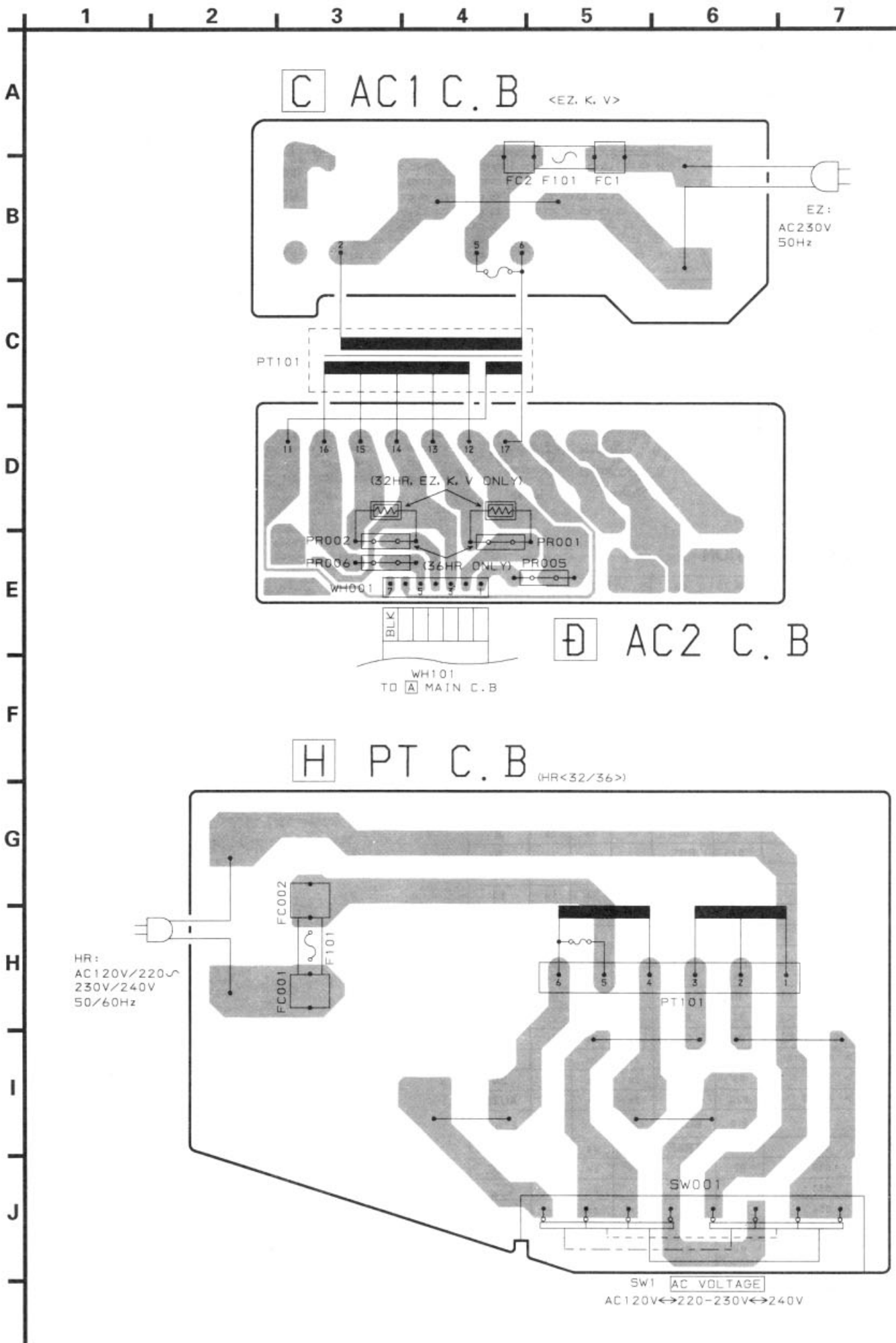




WIRING - 5 (DECK : 2ZM-3 MK2)



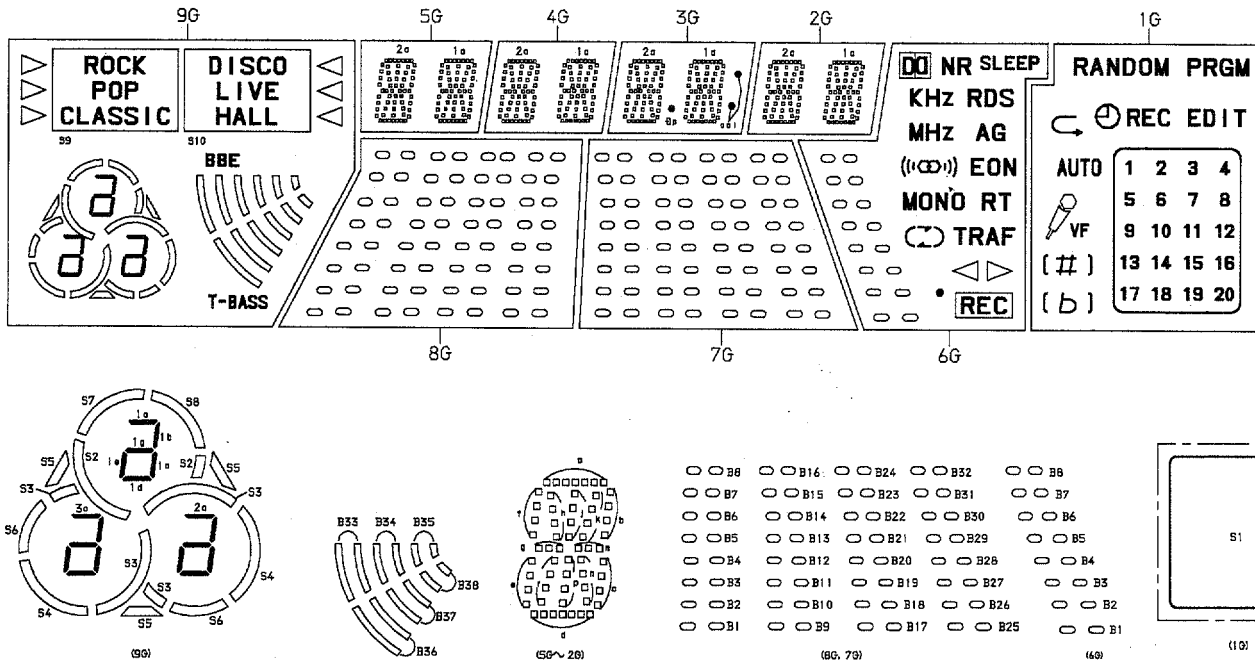




FL GRID ASSIGNMENT AND ANODE CONNECTION

FL, BJ532GK

GRID ASSIGNMENT

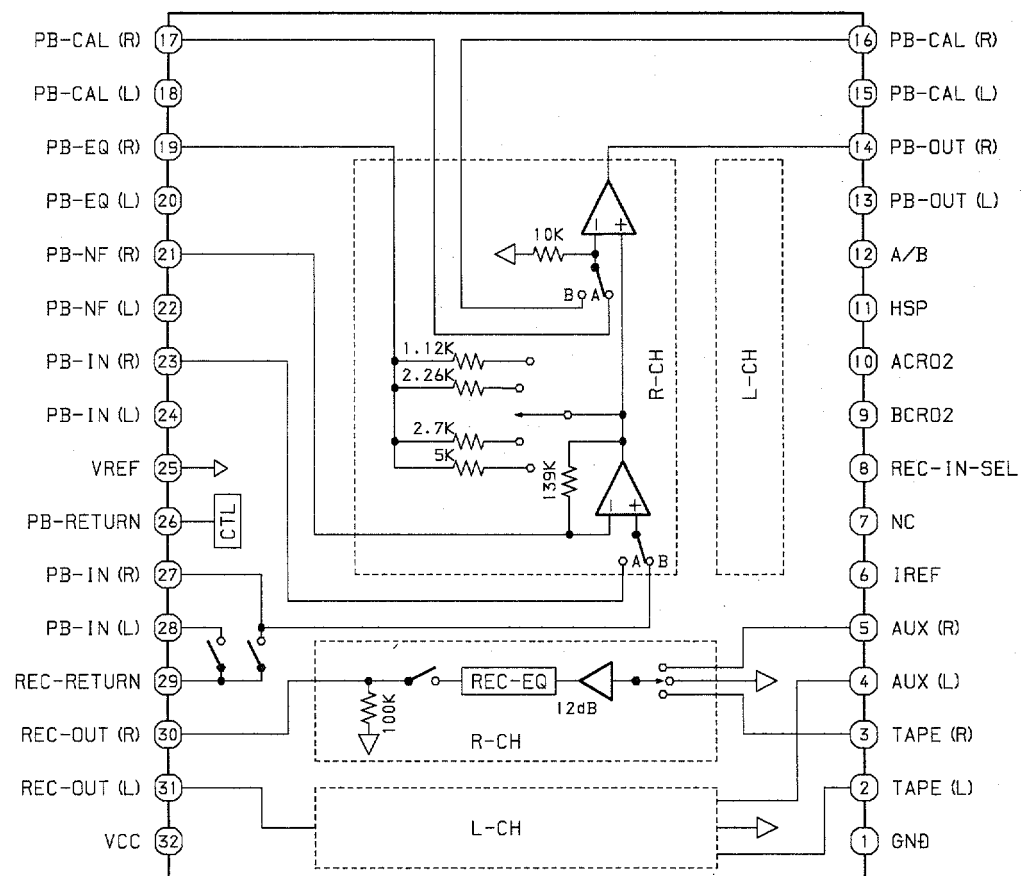


ANODE CONNECTION

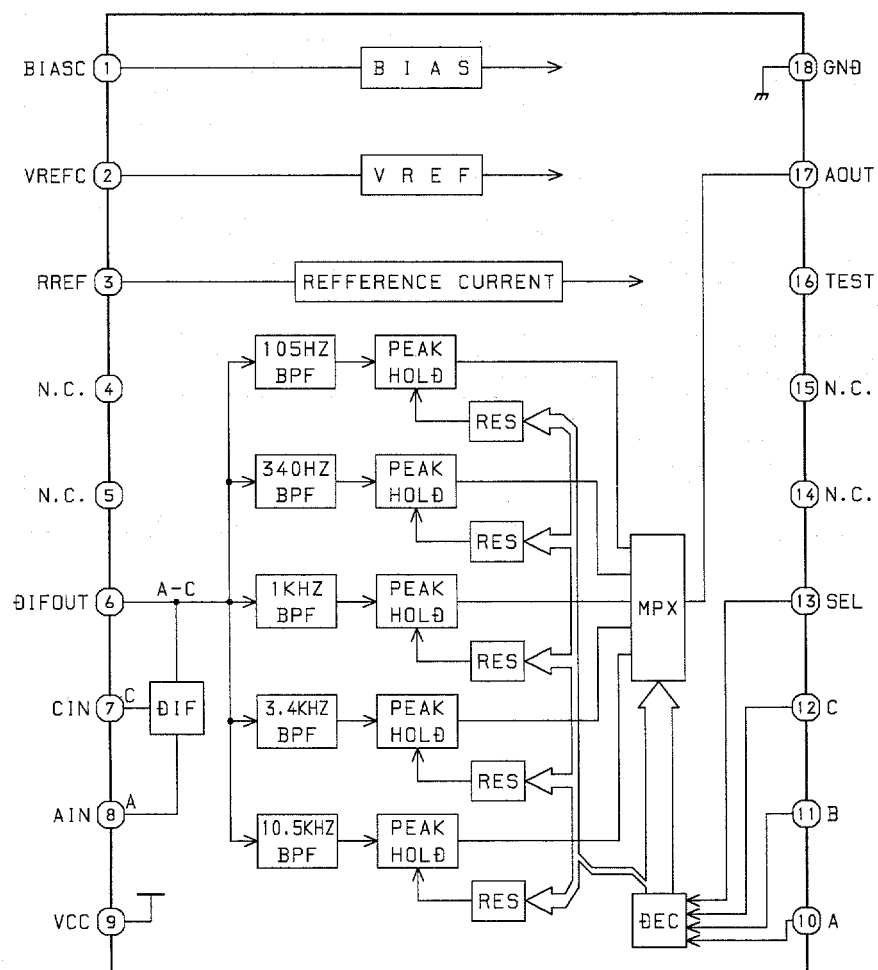
	9G	8G, 7G	6G	5G, 4G	3G	2G	1G
P1	S8	B32	▷	-	c o (DND)	-	RANDOM
P2	S2	B24	◁	1d	1d	1d	-
P3	1b	B16	SLEEP	1n	1n	1n	PRGM
P4	1c	B8	B8	1p	1p	1p	EDIT
P5	1e	B31	○	1r	1r	1r	1
P6	1a, 1d, 1g	B23	(REC)	1e	1e	1e	2
P7	2b	B15	KHz	1c	1c	1c	3
P8	2c	B7	B7	1q	1q	1q	4
P9	2e	B30	MHz	1a	1a	1a	5
P10	2a, 2d, 2g	B22	-	1f	1f	1f	6
P11	3b	B14	DO NR	1b	1b	1b	7
P12	3c	B6	B6	1k	1k	1k	8
P13	3e	B29	RDS	1j	1j	1j	9
P14	3a, 3d, 3g	B21	-	1h	1h	1h	10
P15	S3	B13	-	1o	1o	1o	11
P16	S5	B5	B5	-	c o (UP)	-	12
P17	S7	B28	-	-	0p	-	13
P18	S4	B20	-	2a	2a	2a	14
P19	S6	B12	-	2n	2n	2n	15
P20	(HALL) ◁	B4	B4	2p	2p	2p	16
P21	(LIVE) ◁	B27	AG	2r	2r	2r	17
P22	(DISCO) ◁	B19	((∞))	2e	2e	2e	18
P23	▷ (CLASSIC)	B11	EON	2c	2c	2c	19
P24	▷ (POP)	B3	B3	2q	2q	2q	20
P25	▷ (ROCK)	B26	RT	2m	2m	2m	AUTO
P26	B36	B18	MONO	2f	2f	2f	VF
P27	B37	B10	TRAF	2b	2b	2b	⊕
P28	B38	B2	B2	2k	2k	2k	REC
P29	B33	B25	)	2l	2l	2l	↻
P30	B34	B17	⌂	2h	2h	2h	((#))
P31	B35	B9	(	2o	2o	2o	((b))
P32	S9 T-BASS	B1	B1	-	-	-	S1
P33	S10	-	-	-	-	-	-
P34	BBE	-	-	-	-	-	-
P35	-	-	-	-	-	-	b #

IC BLOCK DIAGRAM

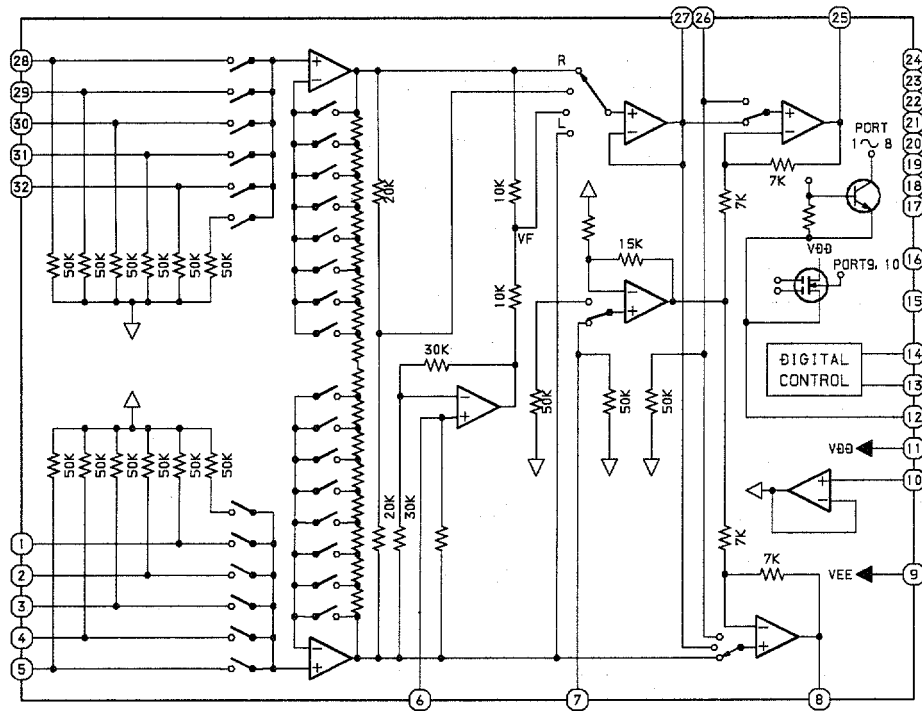
IC, BA7762FS



IC, BA3835S



IC, BH3810FS



IC, LA1837

