

JVC

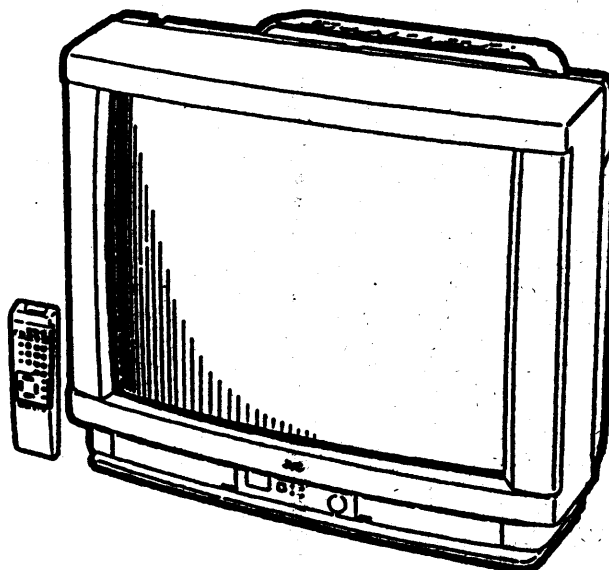
SERVICE MANUAL

66cm (29") COLOUR TV

AV-S29M1S

BASIC CHASSIS

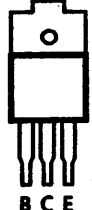
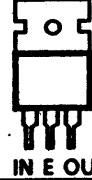
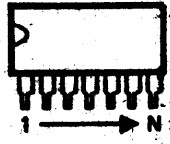
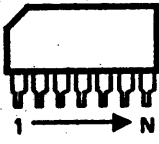
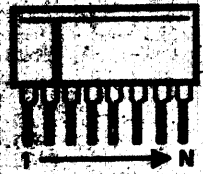
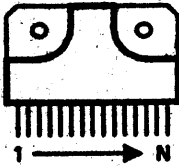
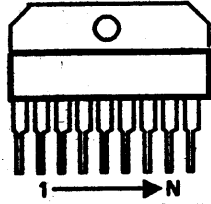
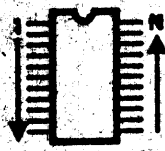
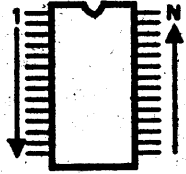
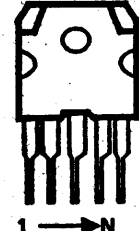
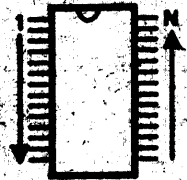
KX



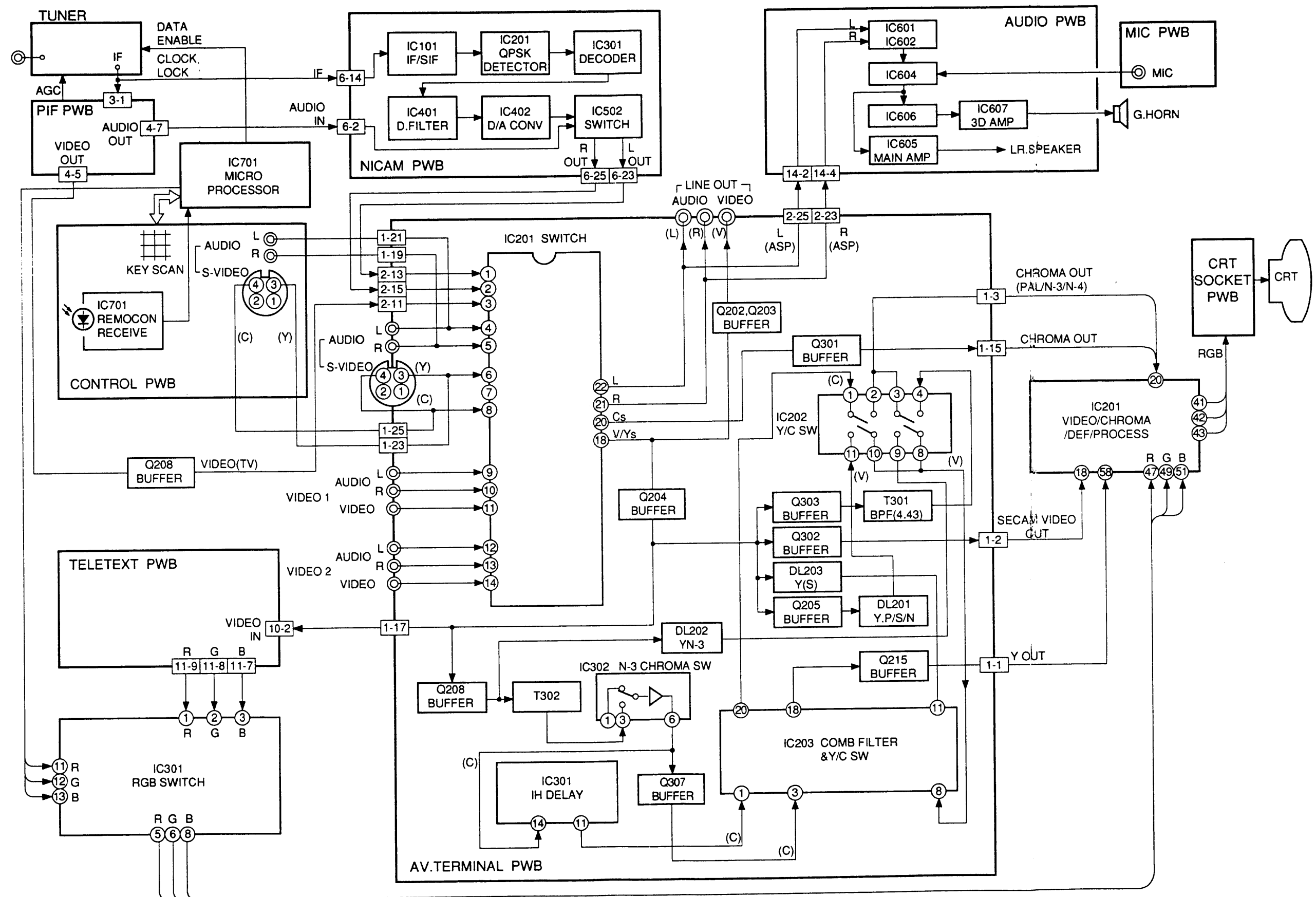
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BASING OF TRANSISTORS & ICS (* = Bottom view)

 2SC1815(YG) 2SA1015(YG) 2SA995(OY) 2SC2655(Y) 2SC1360 2SC1859(Y) 2SC2878(B)	 2SC3669(OY)	 2SC4502-T
 2SK301(P)	 2SA1309A DTC124ES DTC323TS	 2SD1408(OY)
 2SC4237	 2SC2068-LB 2SD1133(CD)	 2SC4589-C1
 MN1280-Q	 RC78L05A-Y	 TA78005AP TA78012AP AN7805
 CAT35C104HP MN3007 MN3101 PCF8562AP NE4558N TDA1543A	 LA7210	 TA7347P
 AN8862K M5218AL AN8900	 TA8216H	 UPC1498H
 TC4066BP UPD6326C VUC2003	 TA8759AN TA8720AN M661098SP M51365SP TA8662N	 STR10006 STR81145A
 TDA1029 LM324N SM5807EP M51486P SAA5243P/E	PCF84C61P/064 M37201M6-540SP TDA3810 TDA1526 M52005P	CXL5005P FCB61C65-70P SAA5231 MC14066BCP
		 UPC574J

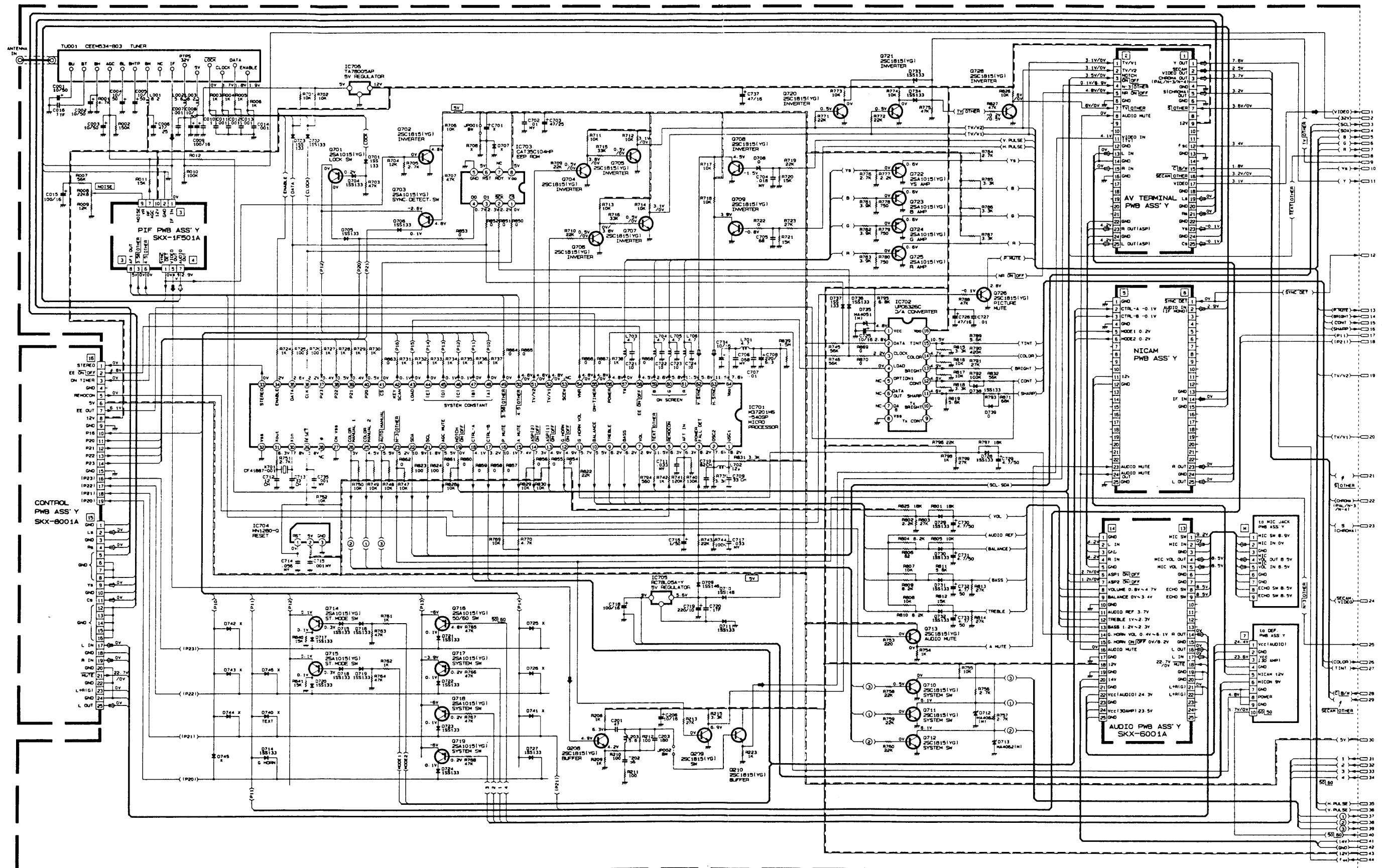
BLOCK DIAGRAM



CIRCUIT DIAGRAMS AND PWB PATTERNS

MAIN PWB CIRCUIT DIAGRAMS

REFER TO THE FOLLOWING PWB PATTERN: MAIN PWB 2-31 page.



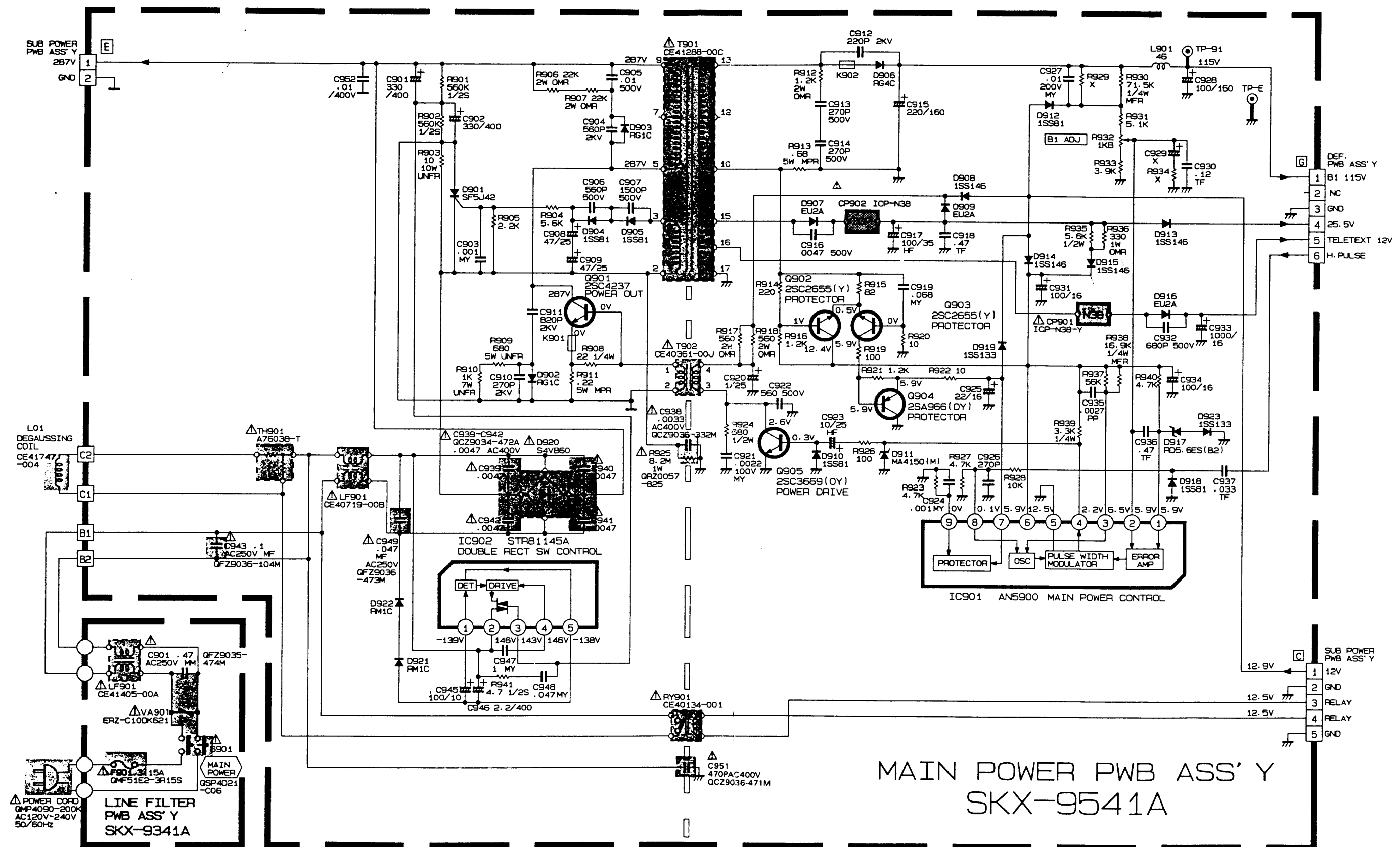
NOTES X: OPEN
BW: BUS WIRE

REFER TO THE FOLLOWING PWB PATTERN: MAIN PWB 2-31 page CRT SOCKET PWB 2-33 page.



MAIN POWER PWB, LINE FILTER CIRCUIT DIAGRAMS

REFER TO THE FOLLOWING PWB PATTERN: MAIN POWER PWB 2-35 page, LINE FILTER PWB 2-33 page.

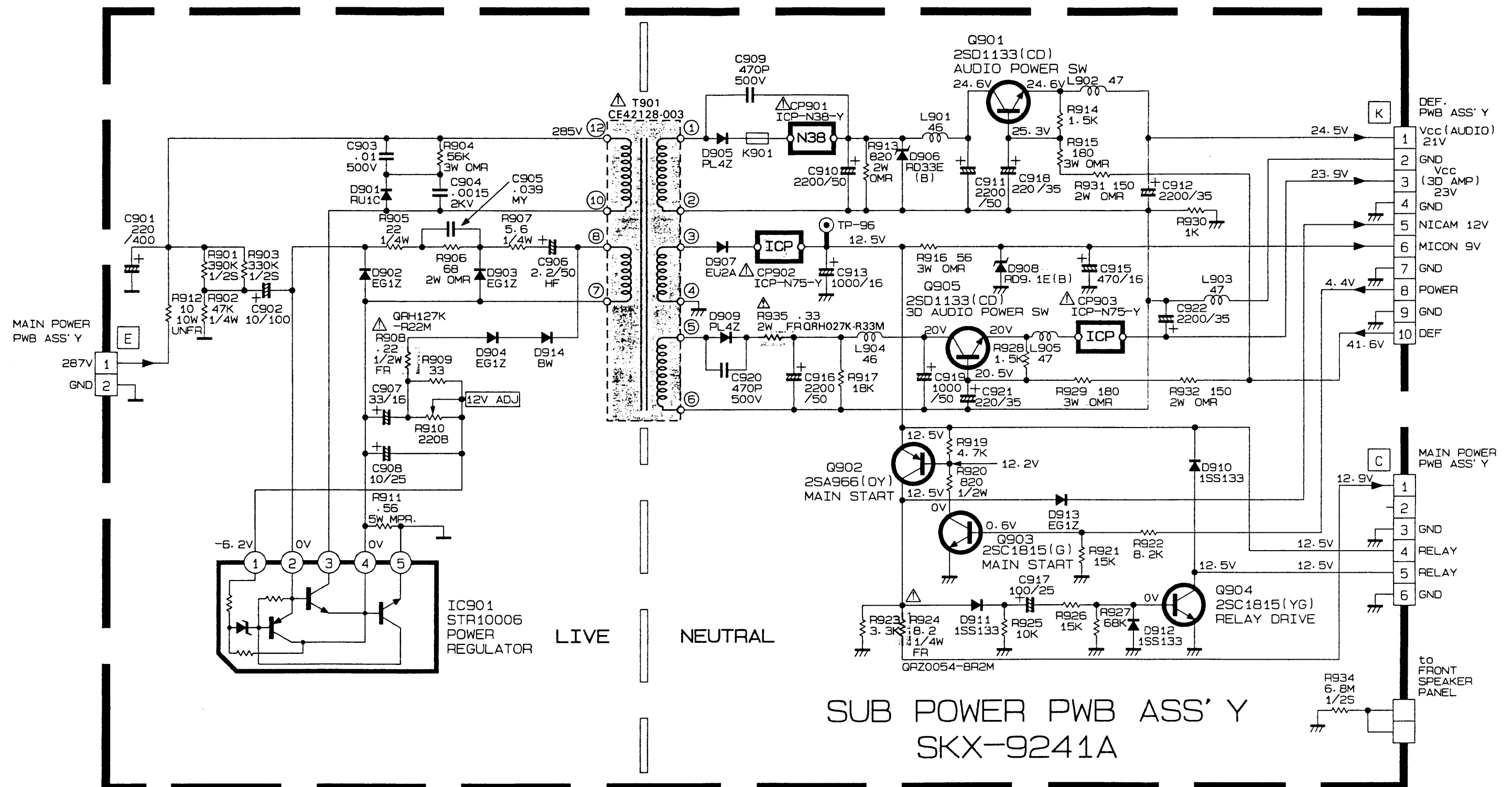


NOTES

X : OPEN

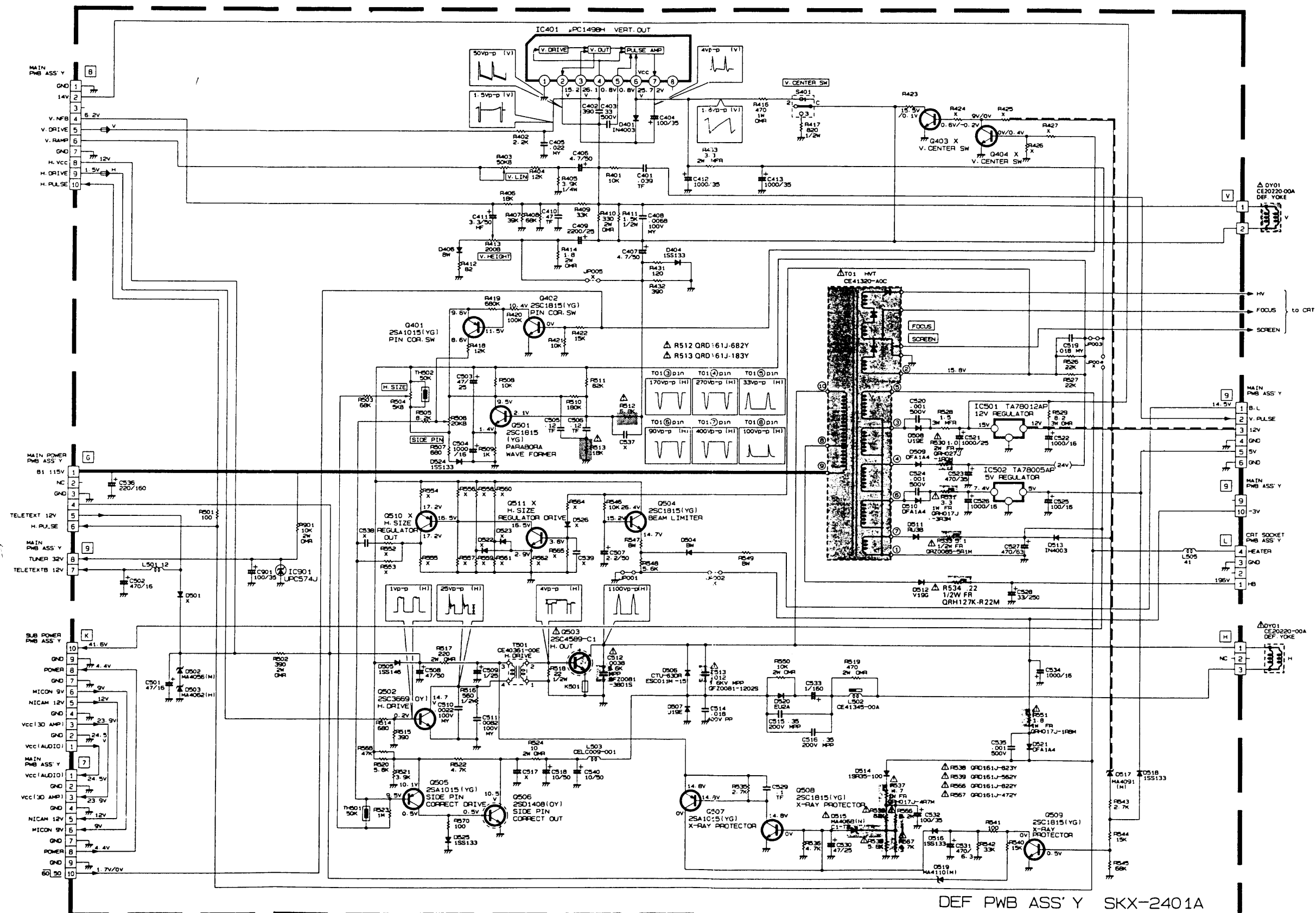
SUB POWER PWB CIRCUIT DIAGRAMS

REFER TO THE FOLLOWING PWB PATTERN: SUB POWER PWB 2-36 page.



DEF. PWB CIRCUIT DIAGRAMS

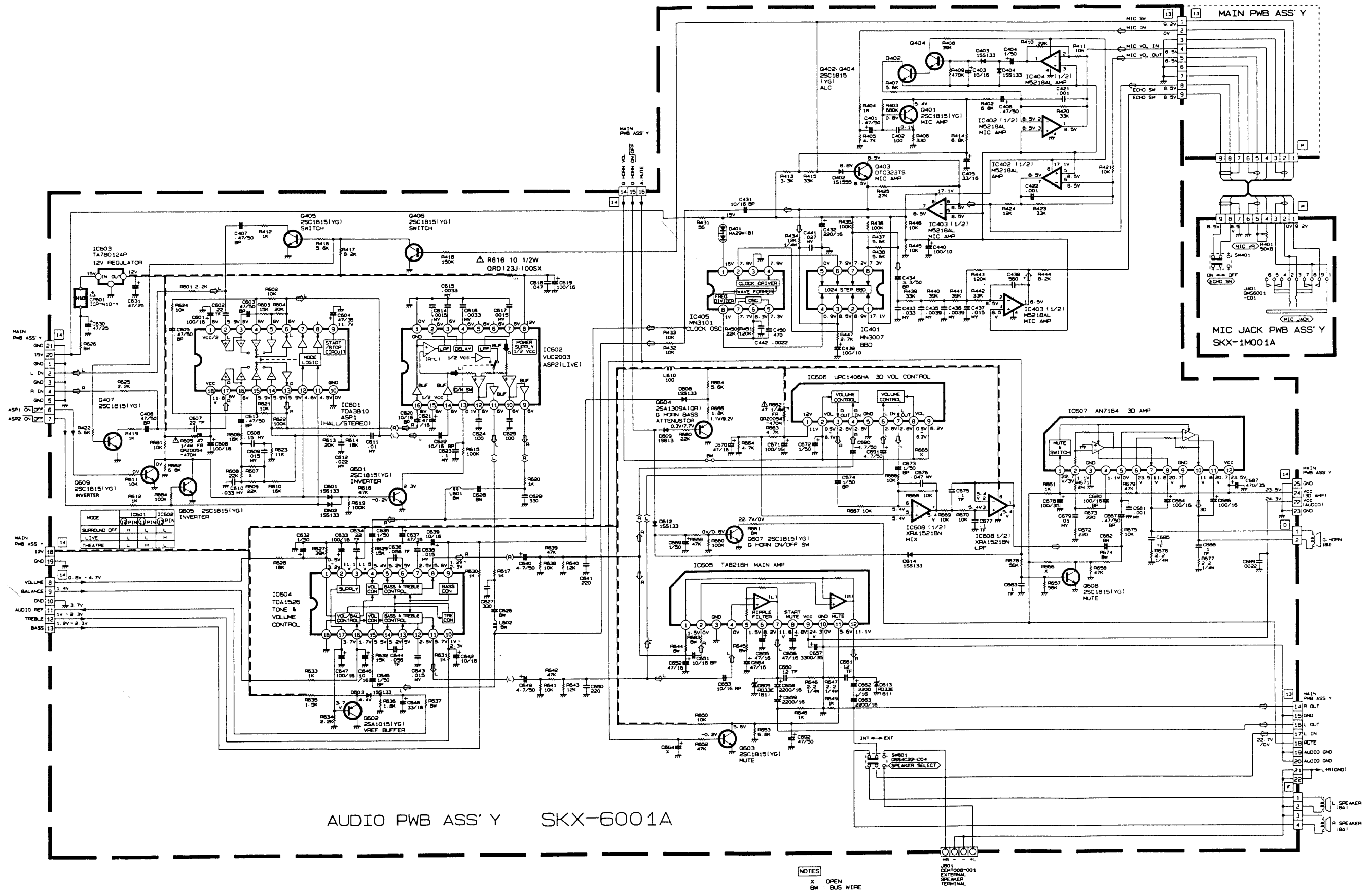
REFER TO THE FOLLOWING PWB PATTERN: DEF. PWB 2-37 page.



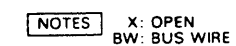
DEF PWB ASS'Y SKX-2401A

NOTES
 X OPEN
 BW BUS WIRE

REFER TO THE FOLLOWING PWB PATTERN: AUDIO PWB 2-38 page, MIC JACK PWB 2-33 page.

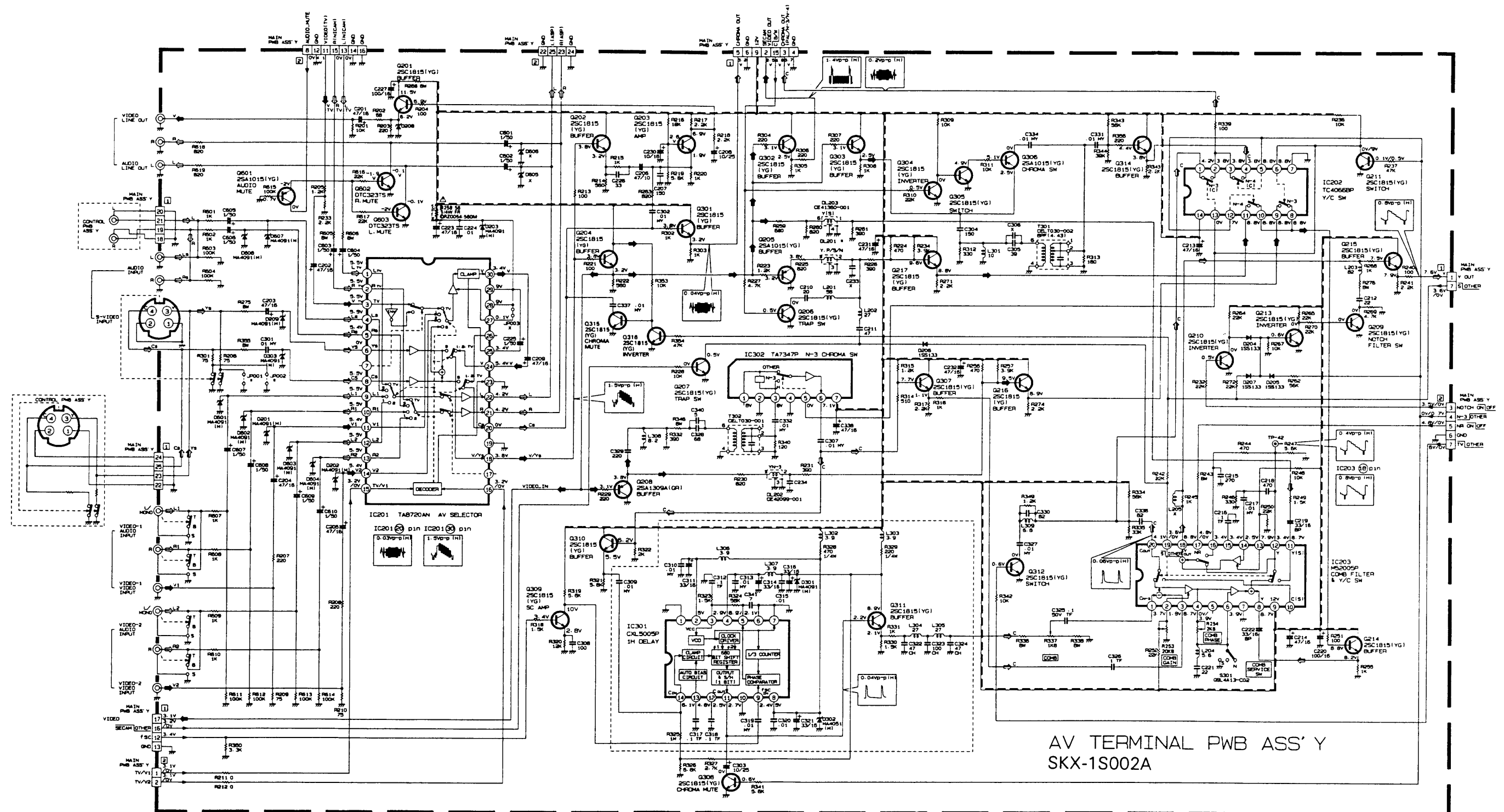


REFER TO THE FOLLOWING PWB PATTERN: NICAM PWB 2-39 page.



AV PWB CIRCUIT DIAGRAMS

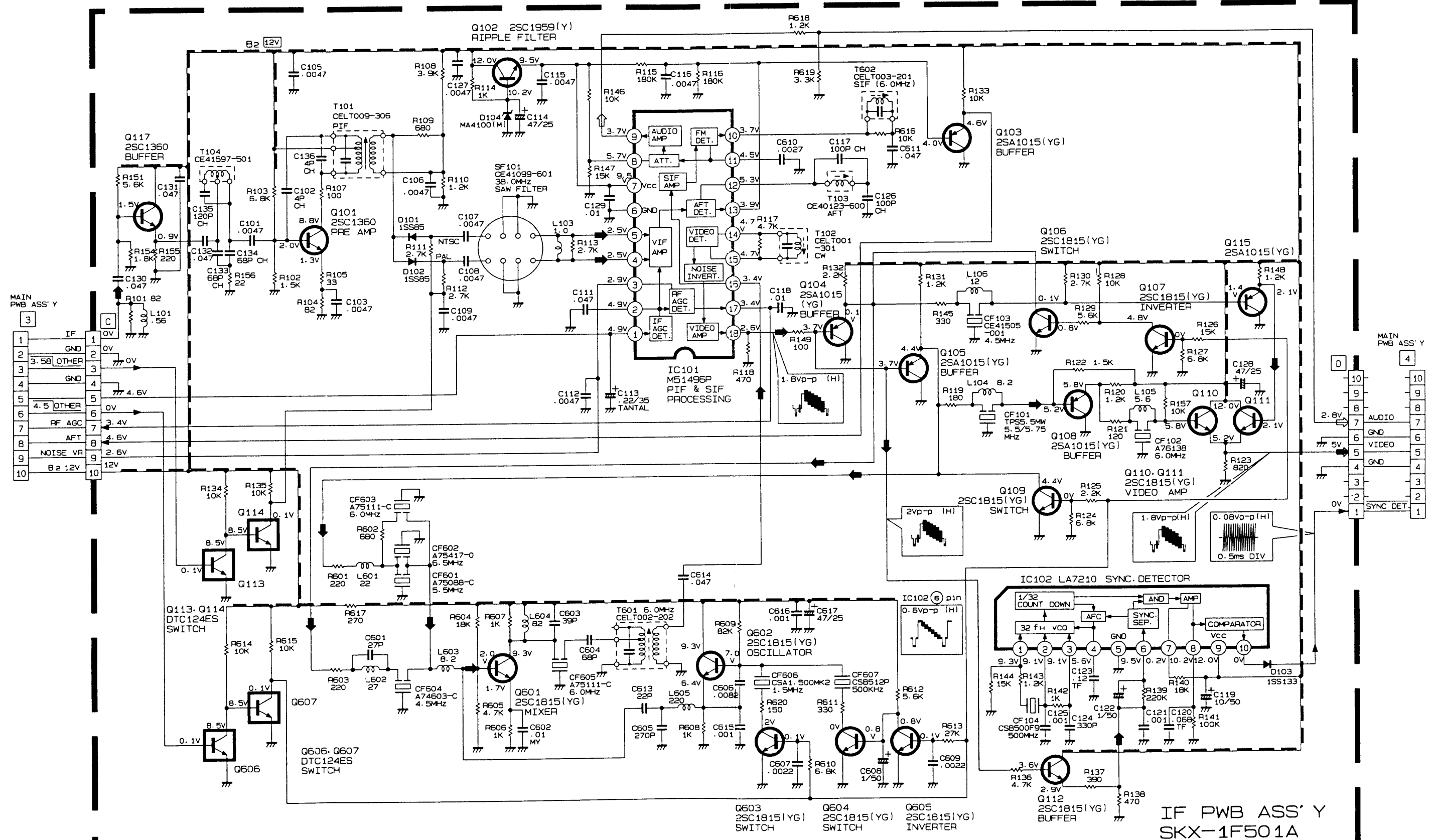
REFER TO THE FOLLOWING PWB PATTERN: AV TERMINAL PWB 2-40 page.

AV TERMINAL PWB ASS'Y
SKX-1S002A

PCB ASS'Y NO.	MODEL	NAME	CL201	JPO01
SKX-15001A	AV-S29	CE42098	OPEN	JPO02
SKX-15002A	M18	CE42099	OPEN	
SKX-15003A	AV-S29	CE42098	BN	
SKX-15004A	AV-S29	CE42099	BN	

IF PWB CIRCUIT DIAGRAMS

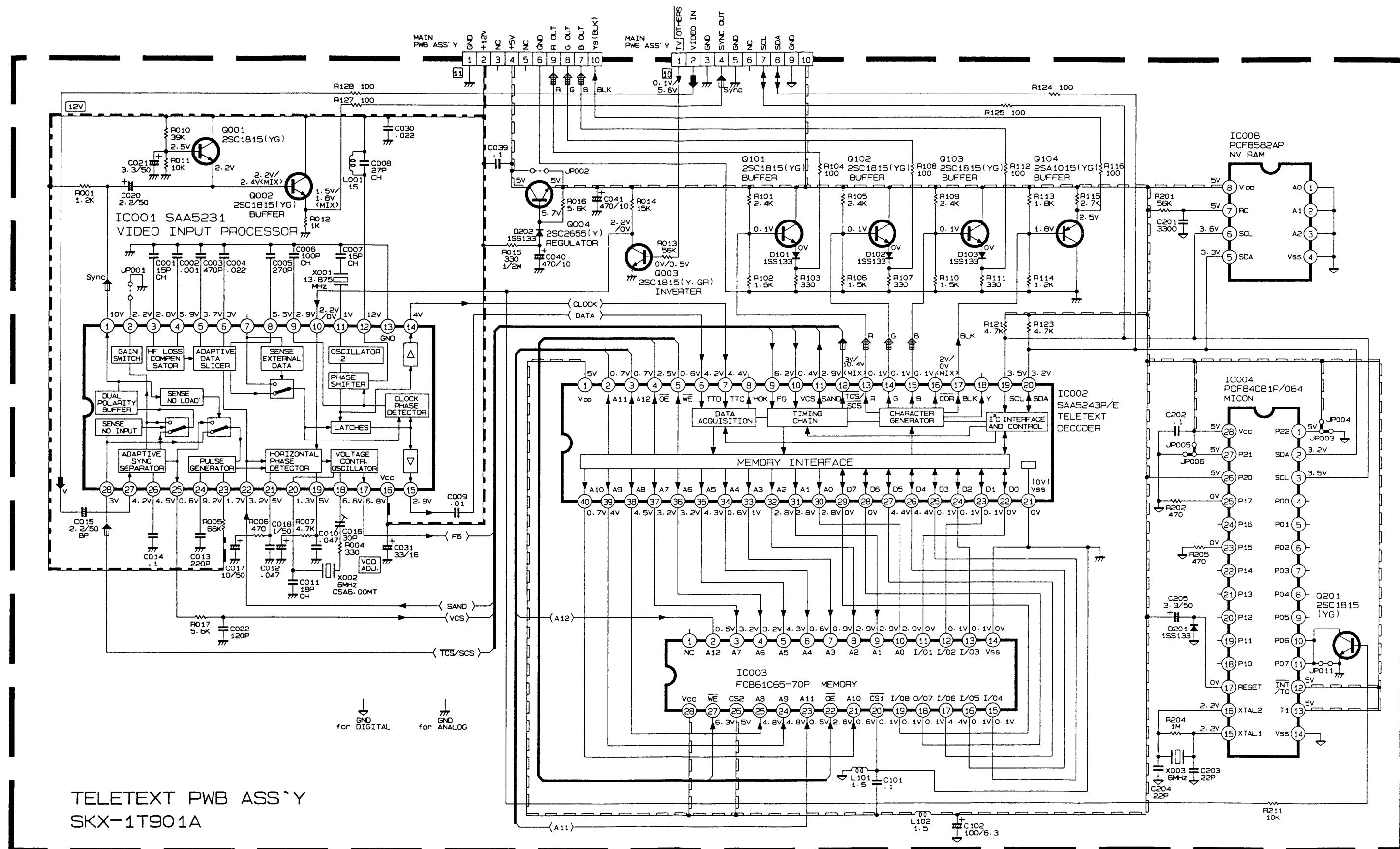
REFER TO THE FOLLOWING PWB PATTERN: IF PWB 2-41 page.



TELETEXT PWB

CIRCUIT DIAGRAMS

REFER TO THE FOLLOWING PWB PATTERN: TELETEXT PWB 2-42 page.



(RM-C960)

REMOTE CONTROL TRANSMITTER
RM-C960

IC1
UPD6124G-127
PULSE GENERATOR & DECODER

Q1
25B1188R
DRIVER

Q2
25C2412K
DRIVER

1ED1
1N66A

R1
1
1/4

R2
68
1/10

R3
5.6K
1/10

R4
330
1/10

C1
47/6.3

C2
100P
100P

C3
100P
100P

C4
100P
100P

X1
455KHZ

X2
1.5V

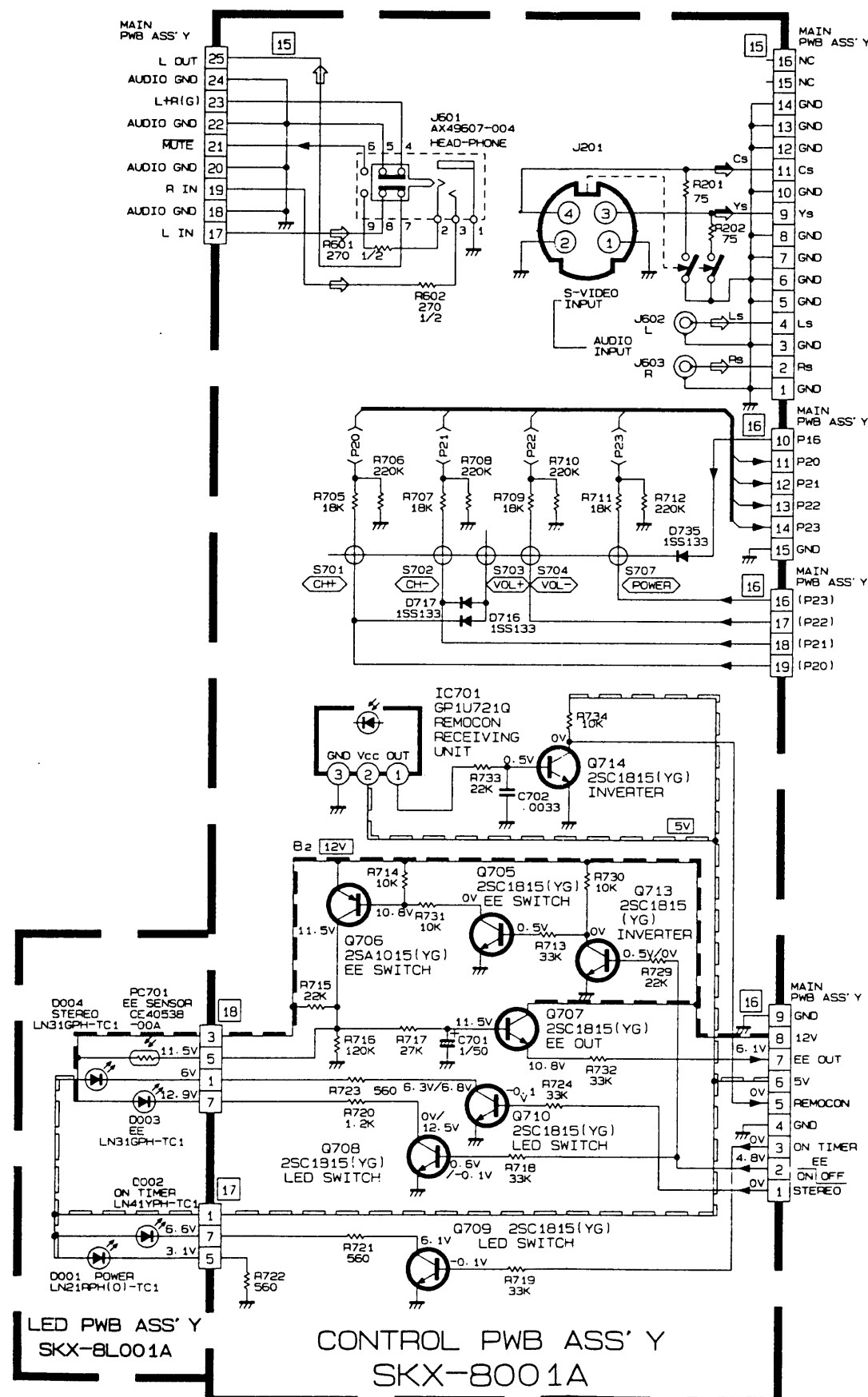
K1 **K2** **K3** **K4**
K5 **K6** **K7** **K8**
K9 **K10** **K11** **K12**
K13 **K14** **K15** **K16**
K17 **K18** **K19** **K20** **K33** **K37**
K21 **K22** **K23** **K24** **K34** **K38**
K25 **K26** **K27** **K28** **K35** **K39**
K29 **K30** **K31** **K32** **K36** **K40**

D1 **D3**
D2 **D4** **D5**

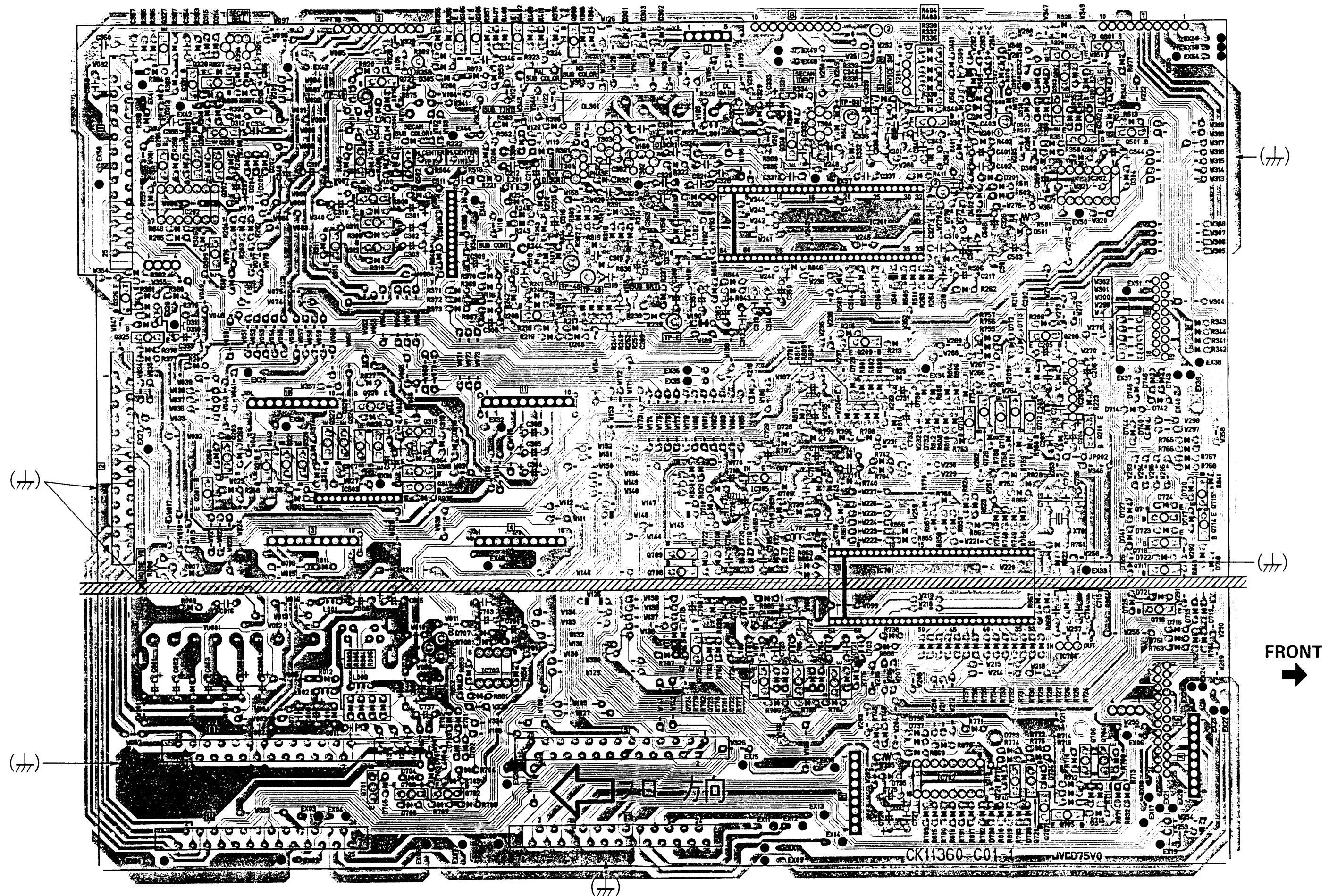
SW1

D1-D5
DAP202K

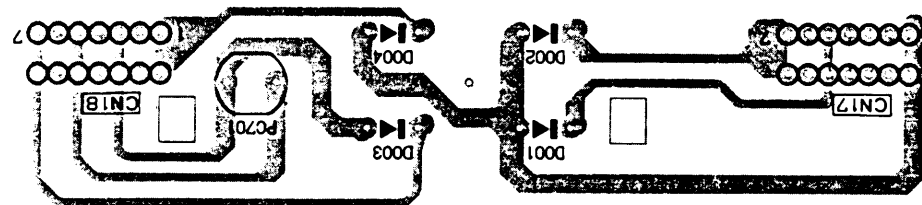
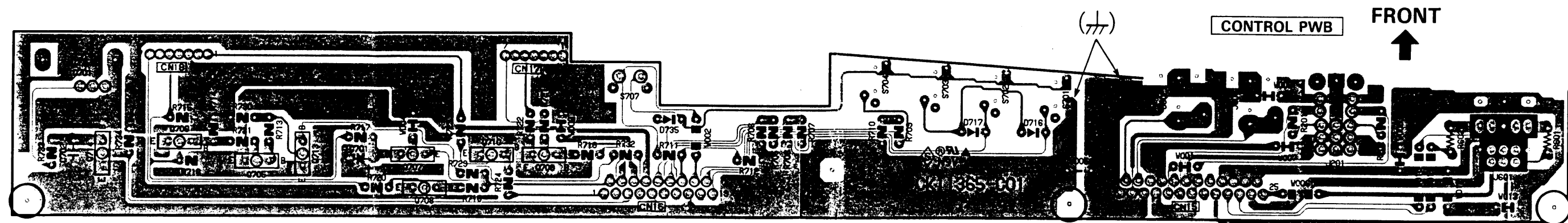
KEY. NO	FUNCTION		KEY. NO	FUNCTION	
	TV SIDE	VCR SIDE		TV SIDE	VCR SIDE
1		REW	21		SOUND SYSTEM
2	VIDEO1	STOP	22		COLOUR SYSTEM
3	NOTCH	FF	23	0	0
4	POWER	POWER	24	--	TV/TXT/MIX
5	TV	REC	25		CANCEL
6	VNR	PLAY	26	FUNCTION BACK	TIME PAGE
7	VIDEO2	PAUSE	27		REVEAL
8	S-IN +E	EJECT	28	VSM	MODE
9	MENU	CHANNEL A	29	FUNCTION-	STORE
10	1	1	30		RESET
11	2	2	31	FUNCTION+	SIZE
12	3	3	32	HYPER SURROUND	HOLD
13	DISPLAY	CHANNEL V	33		RED
14	4	4	34	FUNCTION FORWARD	GREEN
15	5	5	35		YELLOW
16	6	6	36	MUTE	CYAN (BLUE)
17	MAIN/SAP	EE	37	CHANNEL PAGE V	CHANNEL PAGE V
18	7	7	38	CHANNEL PAGE A	CHANNEL PAGE A
19	8	8	39	VOLUME-	VOLUME-
20	9	9	40	VOLUME+	VOLUME+



(SKX-1001A)

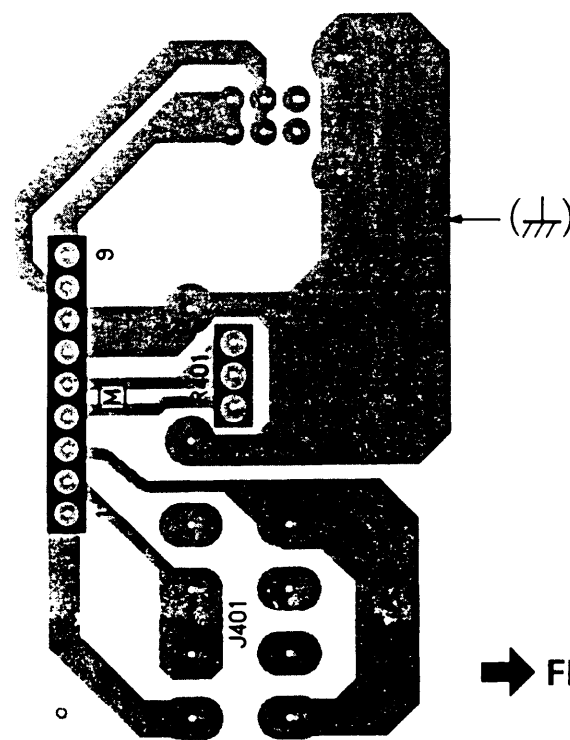


CRT SOCKET PWB PATTERN, CONTROL PWB PATTERN, LINE FILTER PWB PATTERN, MIC JACK PWB PATTERN, LED PWB PATTERN
(SKX-3001A) (SKX-8001A) (SKX-9341A) (SKX-1M001A) (SKX-8L001A)



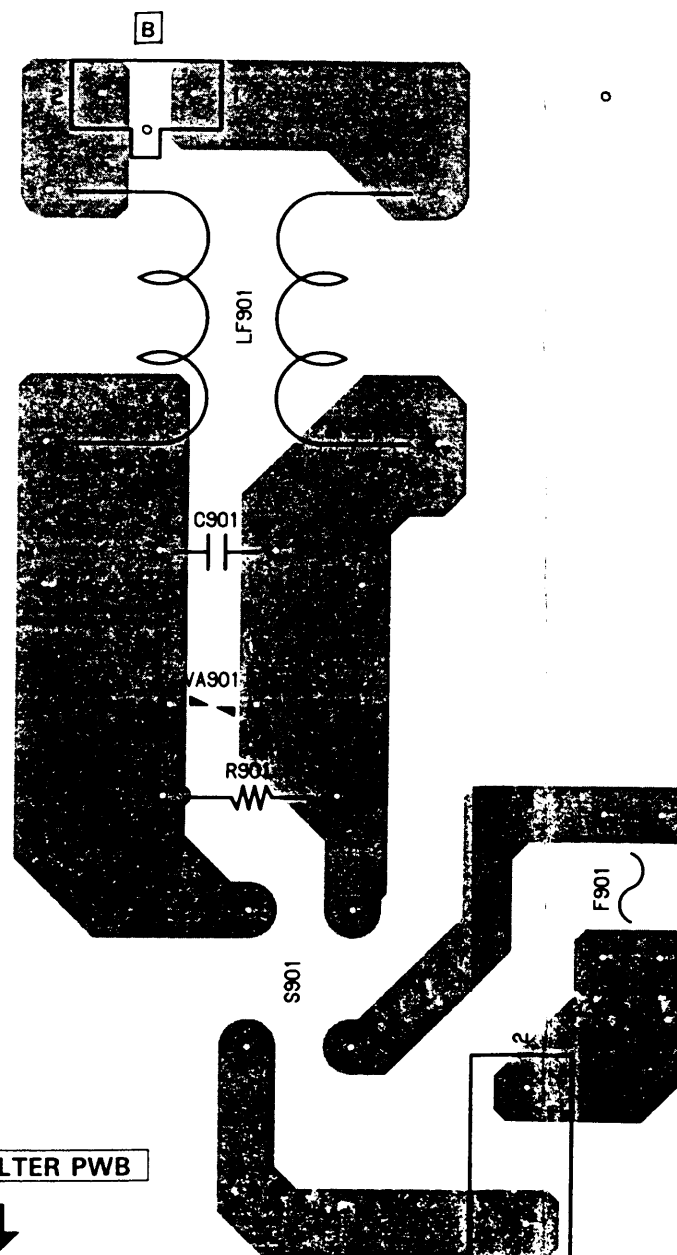
LED PWB

TOP



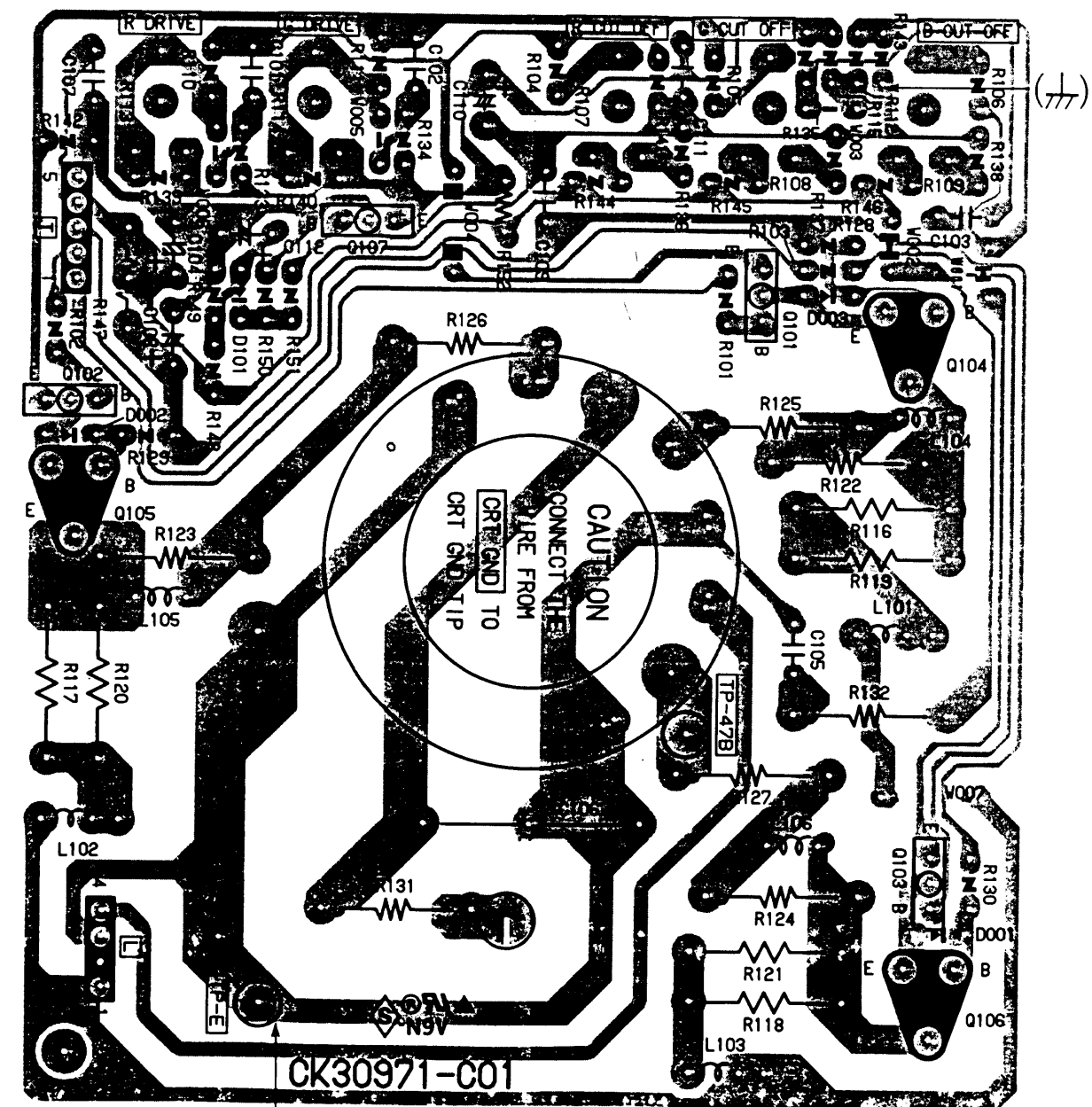
MIC JACK PWB

→ FRONT



LINE FILTER PWB

FRONT



CRT SOCKET PWB

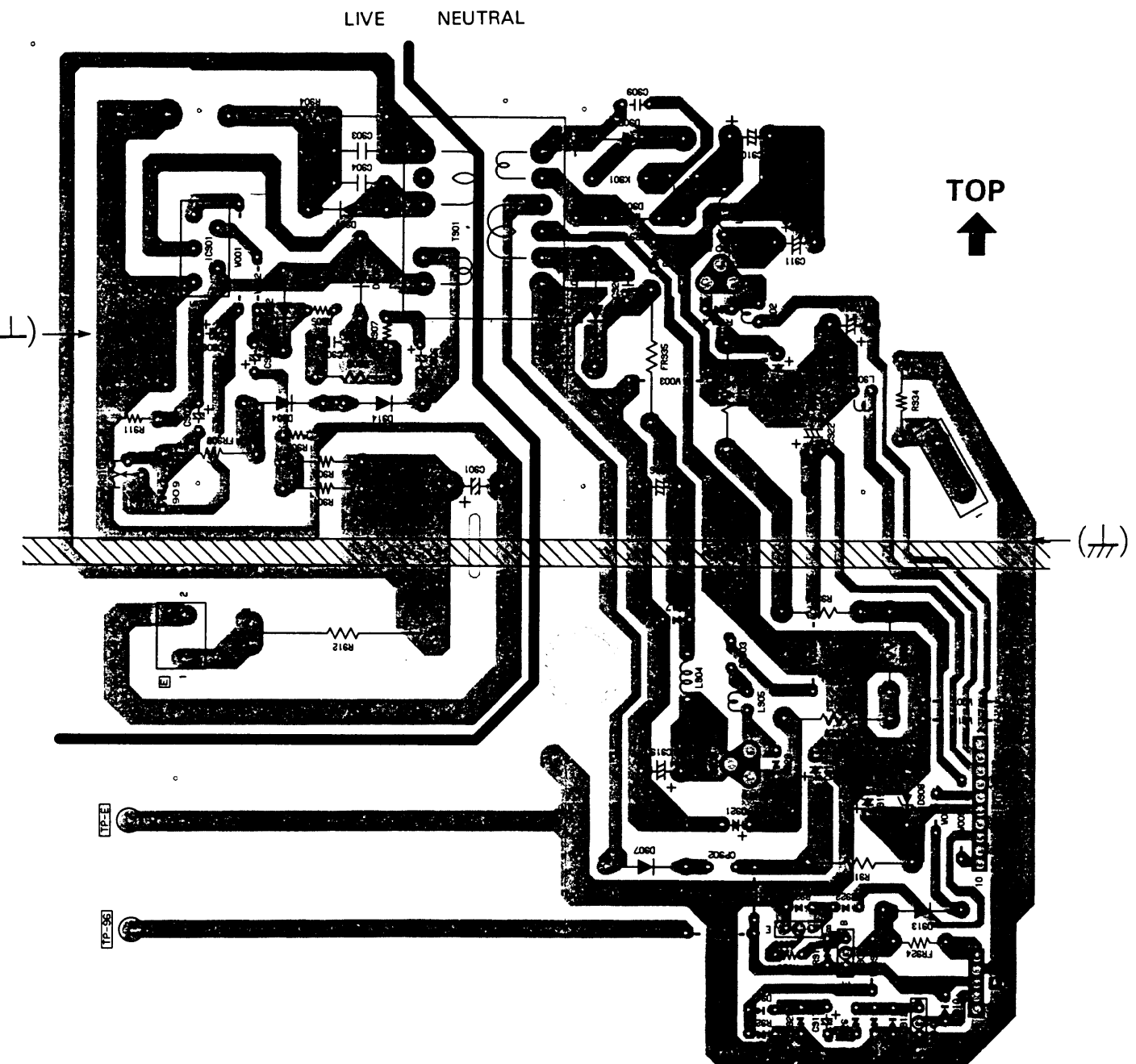
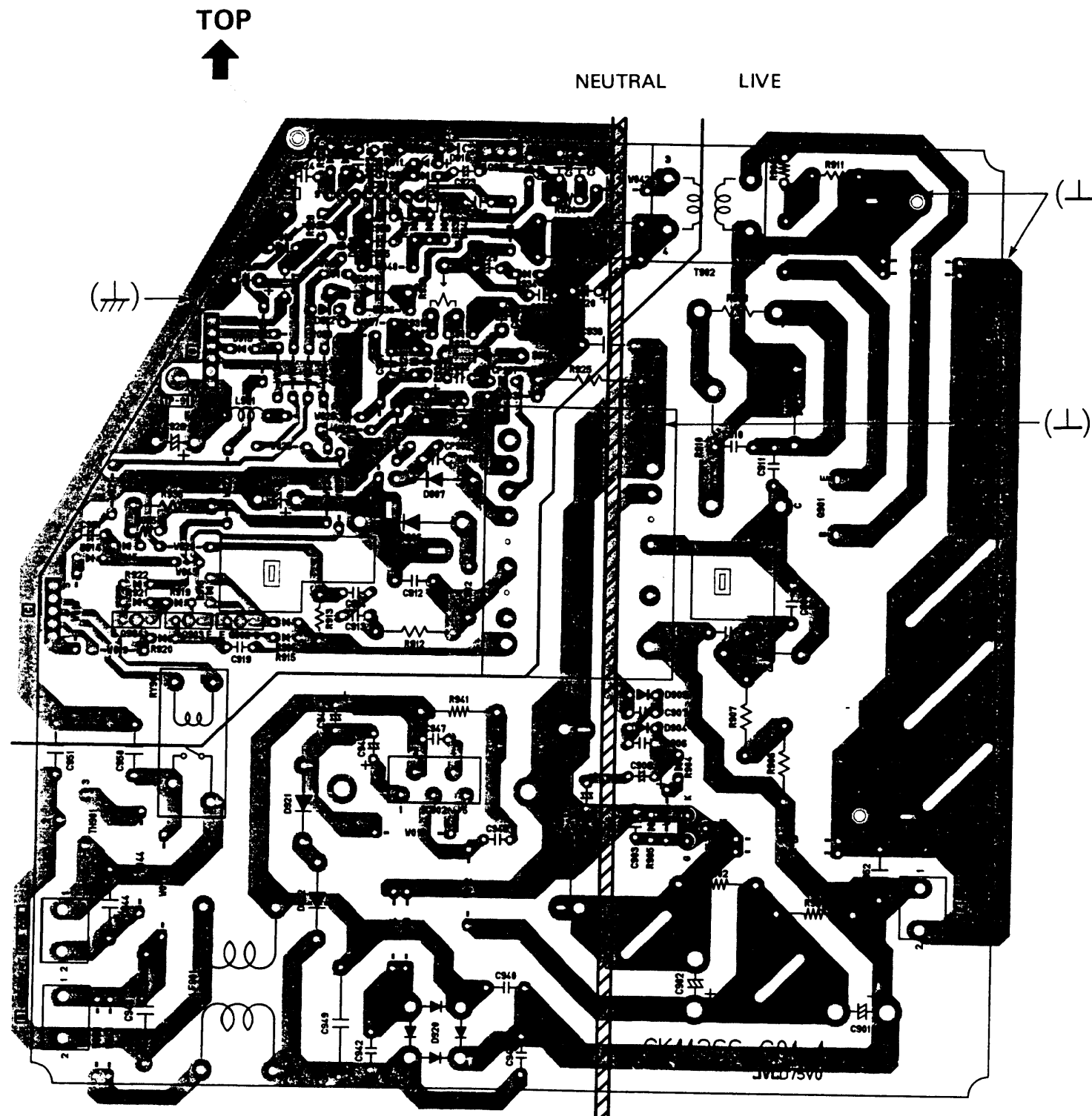
➔ TOP

MAIN POWER PWB PATTERN

(SKX-9541A)

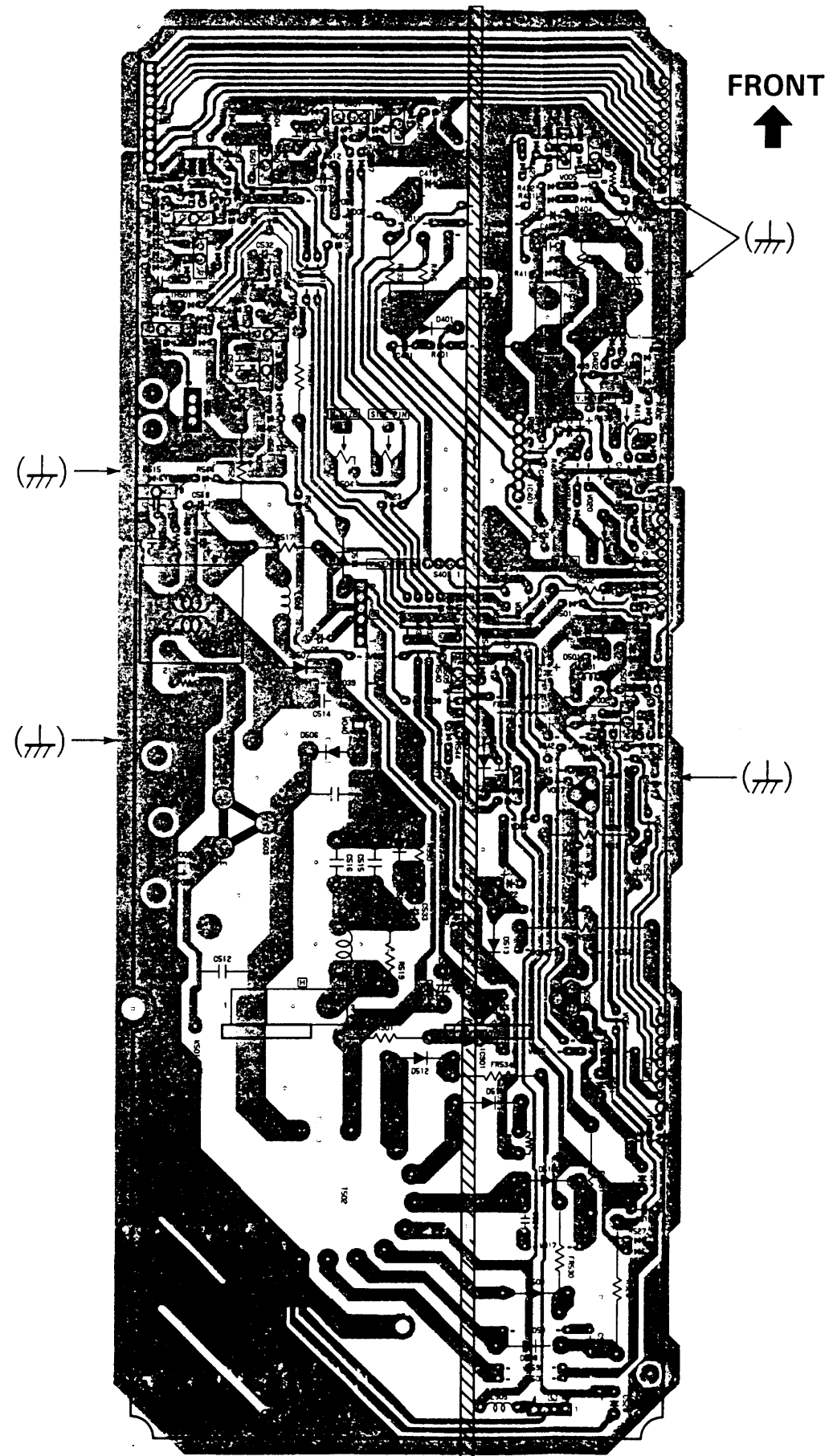
SUB POWER PWB PATTERN

(SKX-9241A)



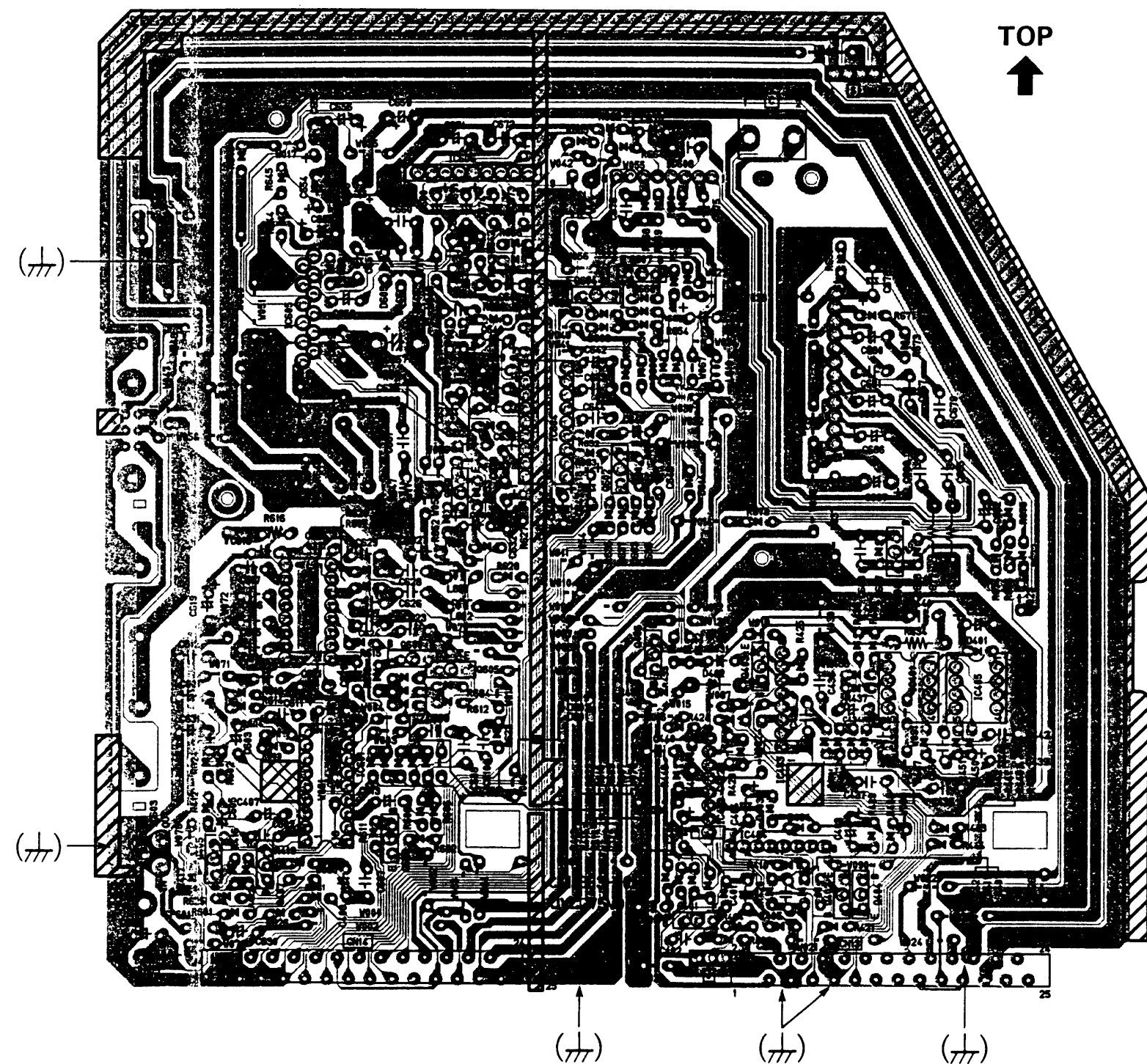
DEF. PWB PATTERN

(SKX-2401A)



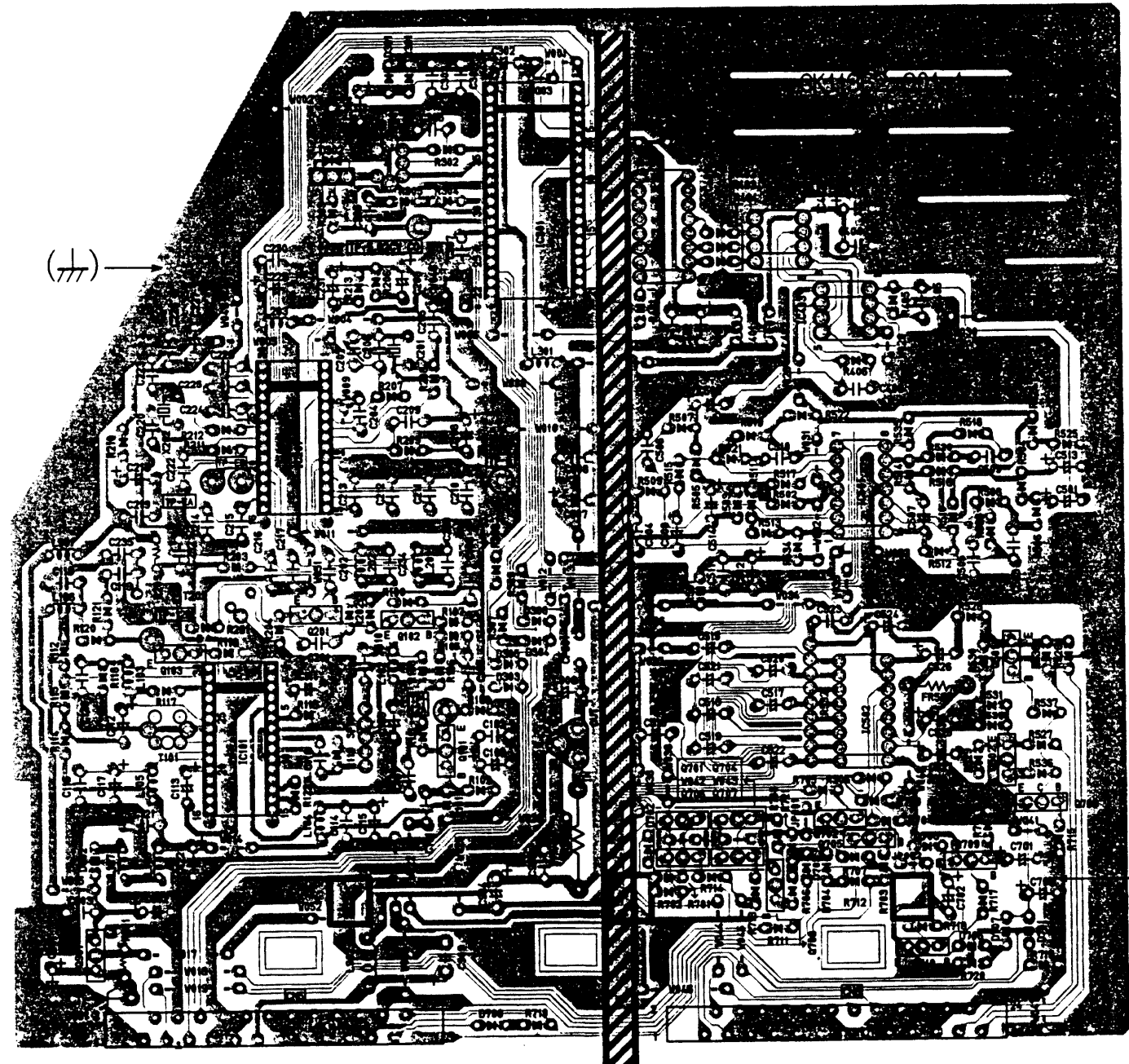
AUDIO PWB PATTERN

(SKX-6001A)



NICAM PWB PATTERN

(SKX-1A601A)

TOP
↑

AV. TERMINAL PWB PATTERN

(SKX-1S002A)

TOP
→