

OSSILOSCOPE SHAPES

WATSON CHASSIS SM - 1 MONO

TUBE	C 595	R 610	TUBE SOCKET	LOSS COIL
14" EKRANAS	6.8 nF	0.22R (0.5W)	NARROW NECK	-----
20" EKRANAS	7.8 nF	0.47R (1W)	NARROW NECK	56 uH
20" SAMSUNG	9.1 nF	0.47R (1W)	NARROW NECK	56 uH
21"EKRANAS	8.2 nF	0.47R (1W)	NARROW NECK	150 uH
21"VIDEOCOLOR	7.8 nF	0.22R (0.5W)	NARROW NECK	150 uH

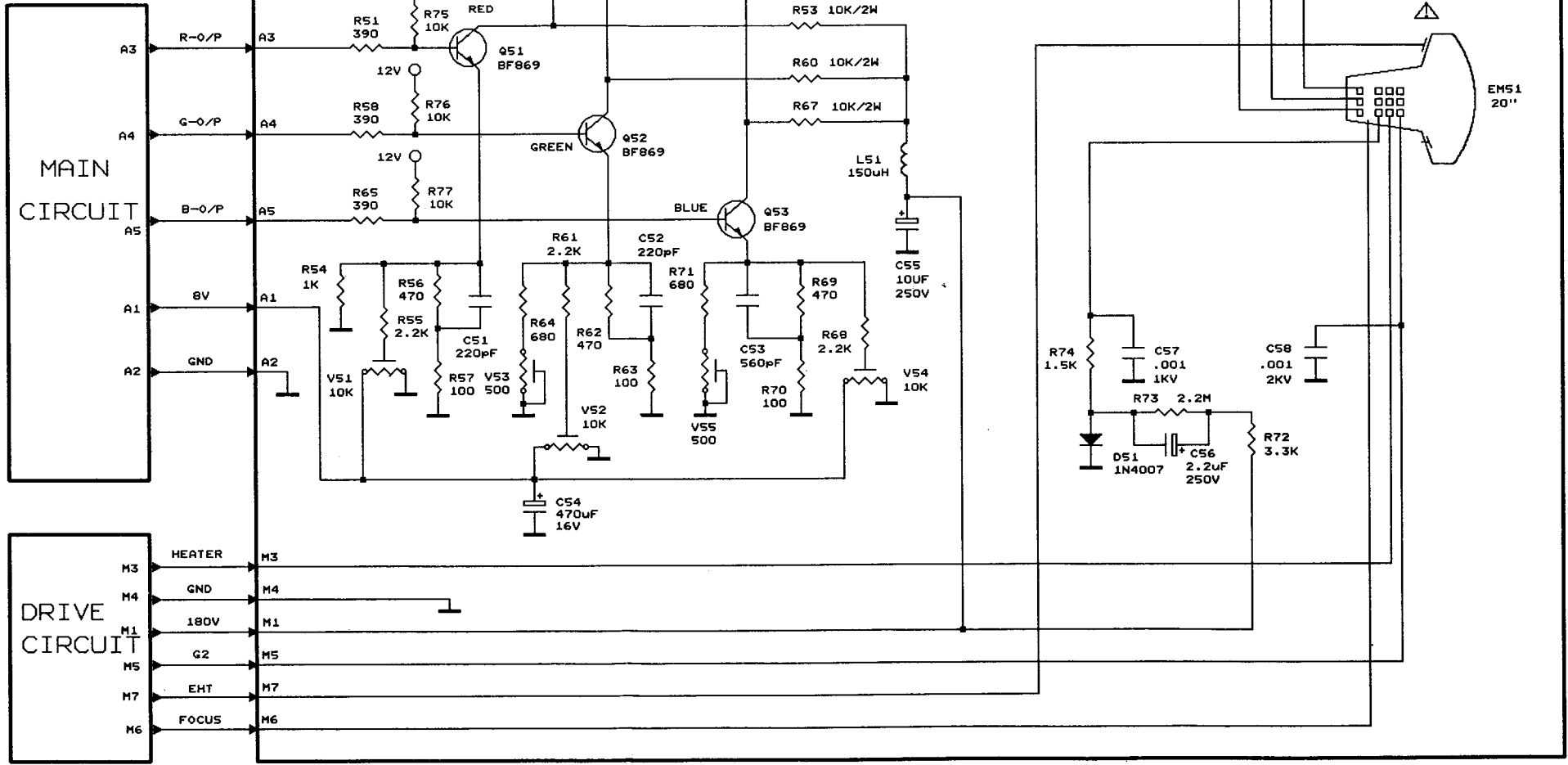
59

065 031 000 510



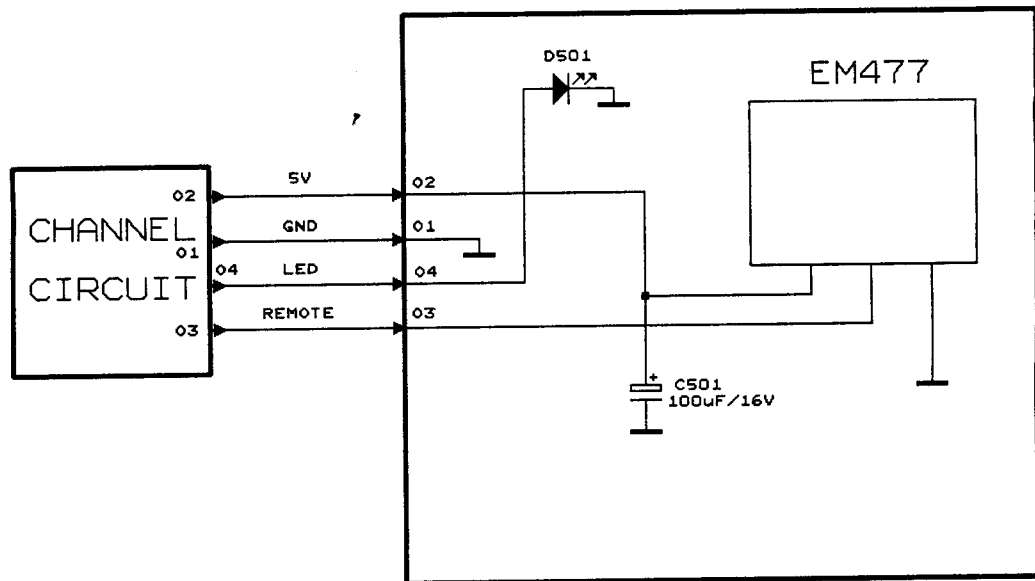
R51-R82
C51-C59
D51-D57
Q51-Q57
L51-
EM51-
VR51-VR55

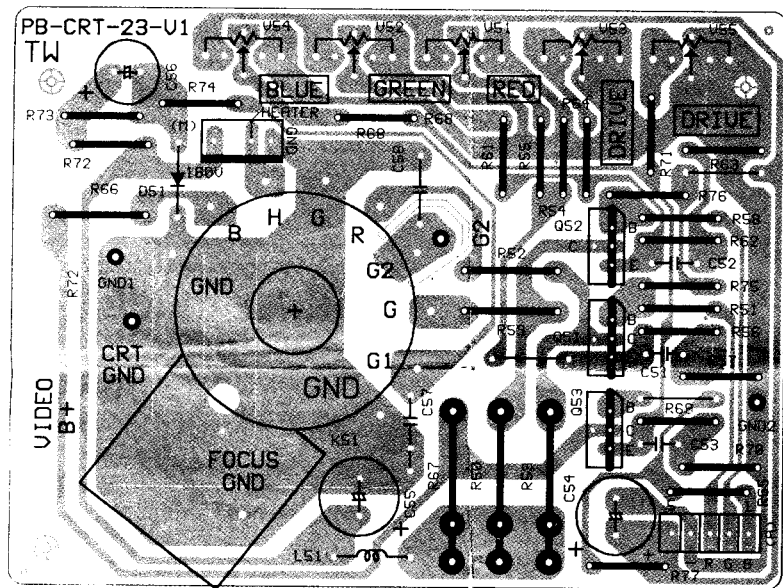
20" 21" CRT CIRCUIT



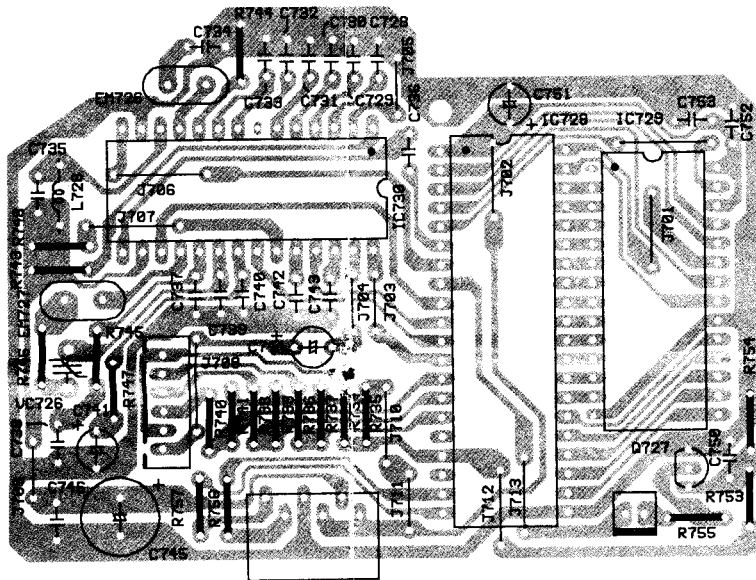
CRT CIRCUIT

20" 21" REMOTE SENSOR CIRCUIT



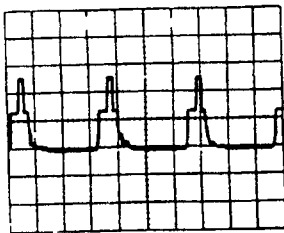


CRT PCB



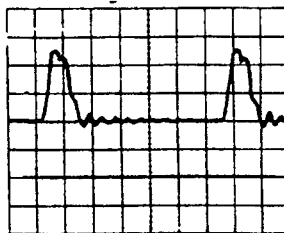
TELETEXT PCB

7) 20 usn/div 2 volt/div



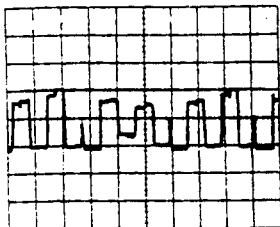
IC-181 pin 38

8) 10 usn/div 50 volt/div



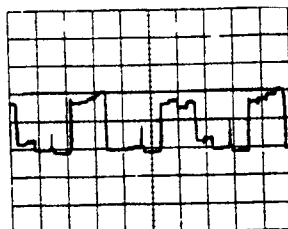
Cathode of D 584

9) 20 usn/div 2 volt/div



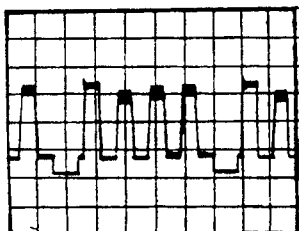
IC-181 pin 20

10) 20 usn/div 2 volt/div



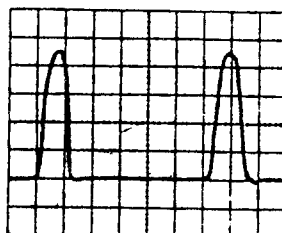
IC-181 pin 19

11) 10 usn/div 2 volt/div



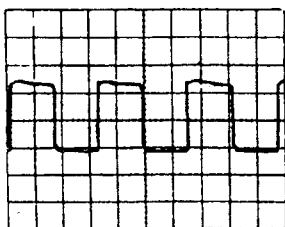
IC-181 pin 18

12) 10 usn/div 200 volt/div



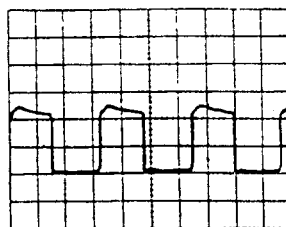
Collector of Q 580

13) 20 usn/div 0.5 volt/div



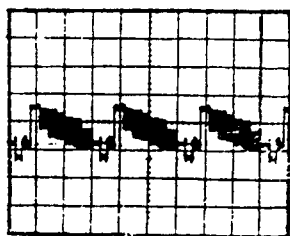
IC-181 pin 37

14) 20 usn/div 50 volt/div



Collector of Q 581

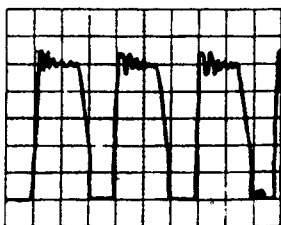
15) 20 usn/div 1 volt/div



IC-181 pin 13

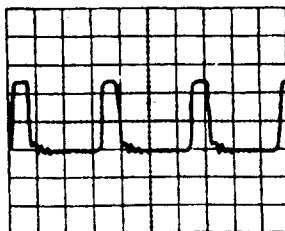
OSSILOSCOPE SHAPES

1) 5 usn/div 100 volt/div



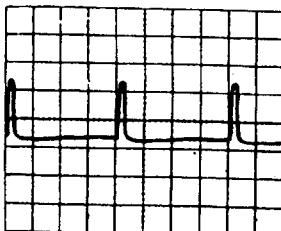
Collector of Q101

2) 20 usn/div 2volt/div



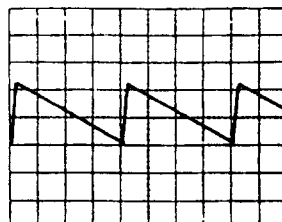
IC-476 pin 26

3) 5m sn/div 2volt/div



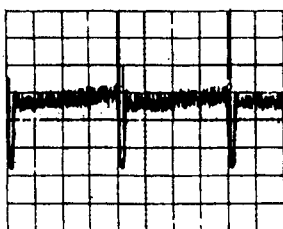
IC-476 pin 27

4) 5 msn/div 0,5 volt/div



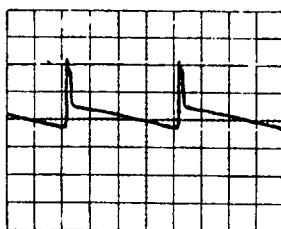
IC-181 pin 41

5) 5 msn/div 1 volt/div



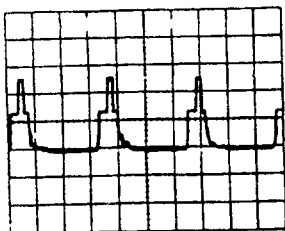
IC-577 pin 4

6) 5 msn/div 20 volt/div



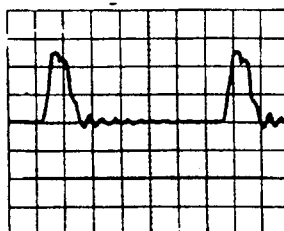
IC-577 pin 2

7) 20 usn/div 2 volt/div



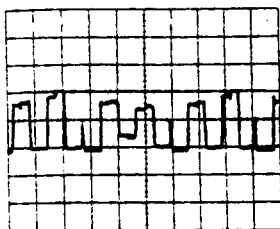
IC-181 pin 38

8) 10 usn/div 50 volt/div



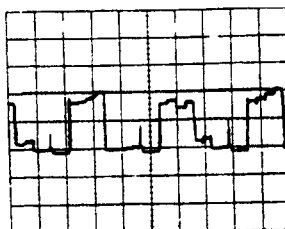
Cathode of D 584

9) 20 usn/div 2 volt/div



IC-181 pin 20

10) 20 usn/div 2 volt/div

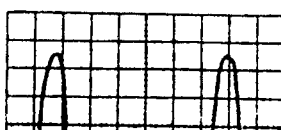


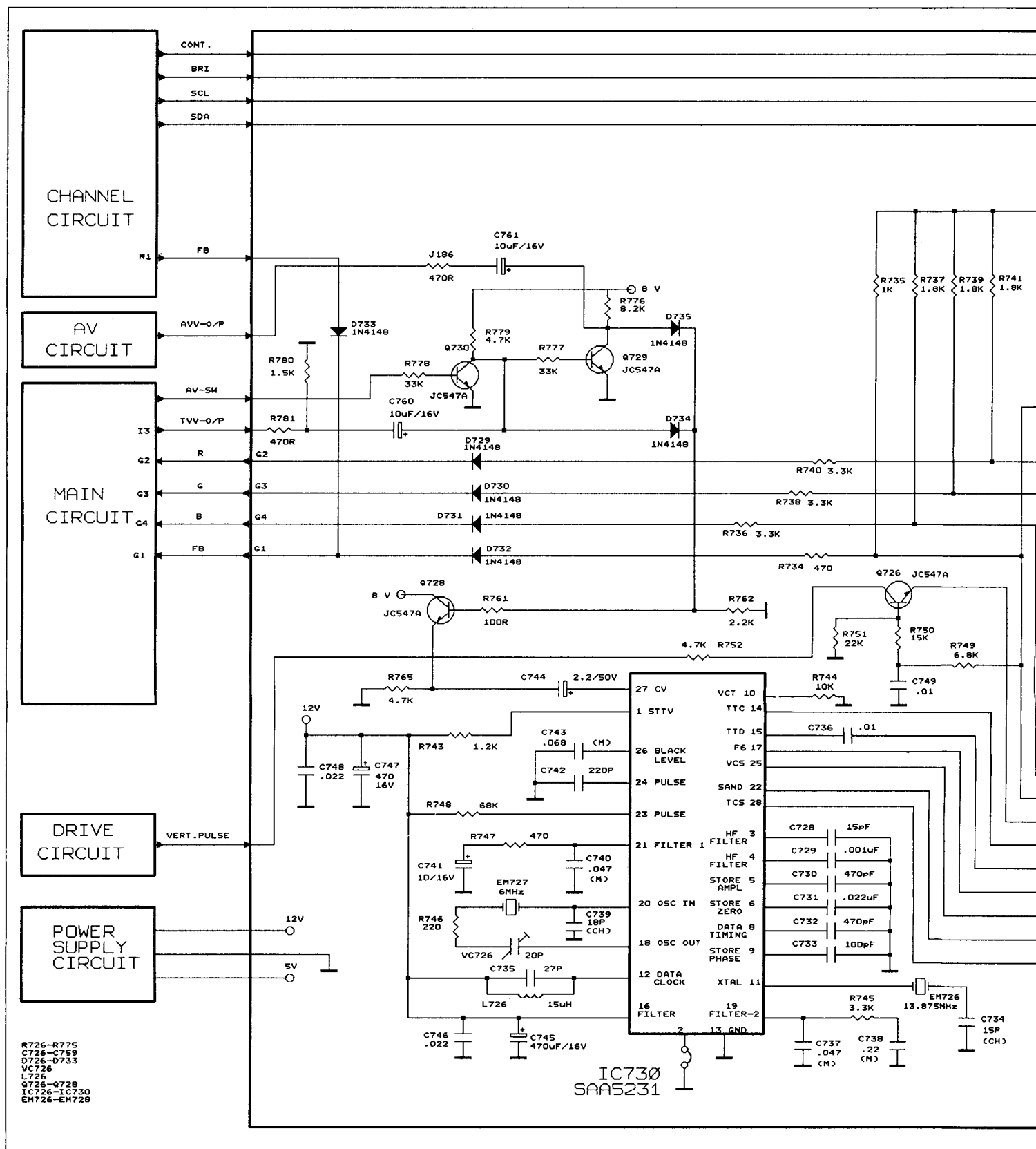
IC-181 pin 19

11) 10 usn/div 2 volt/div



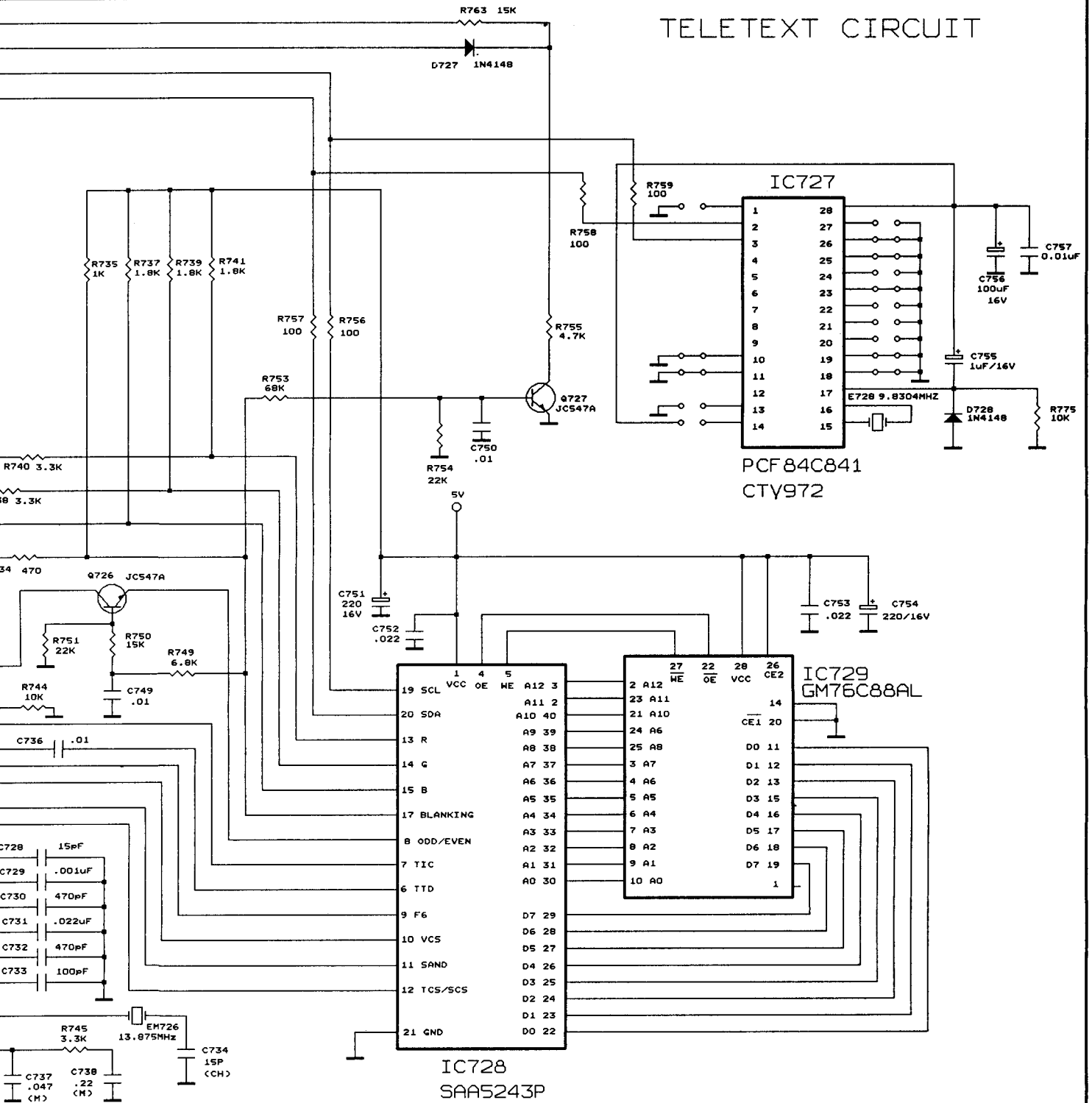
12) 10 usn/div 200 volt/div





TELETEXT CIRCUIT

TELETEXT CIRCUIT



F-20HMON.SCH TV PROCESSOR

R151-R156, R161-R174, R181-R208
R241-R242, R251-R254
C151-C154, C161-C169, C181-C216
C241-C247, C251-C256
L151-L156, L161-L185
L251-L256
D161-D163, D181-D187
D241-D242
Q151-Q163, Q181-Q187
F1181-F1183
EM181-EM182
IC181-IC241-IC251
VR181-VR182

FTZ

R26-R27
C26-C30
T26-T27

GERMAN STEREO

R901-R906
C901-C910
L901
EM901
IC901

SOUND SYSTEM

R326-R341
C326-C340
L326
T326
F1326-F1334
IC326-IC327
T326
VR326

20"/21" MAIN CIRCUIT

CHANNEL CIRCUIT

POWER SUPPLY CIRCUIT

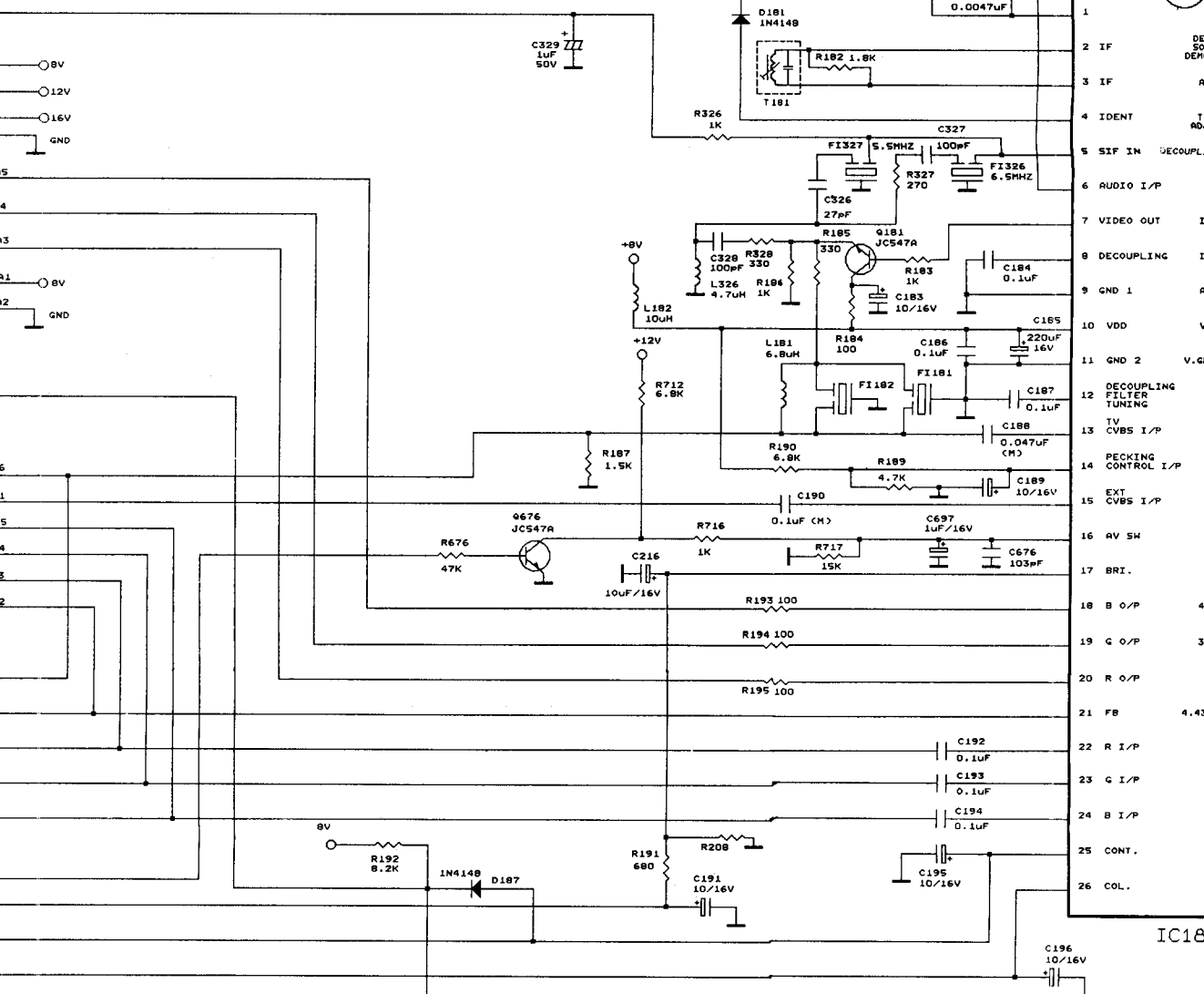
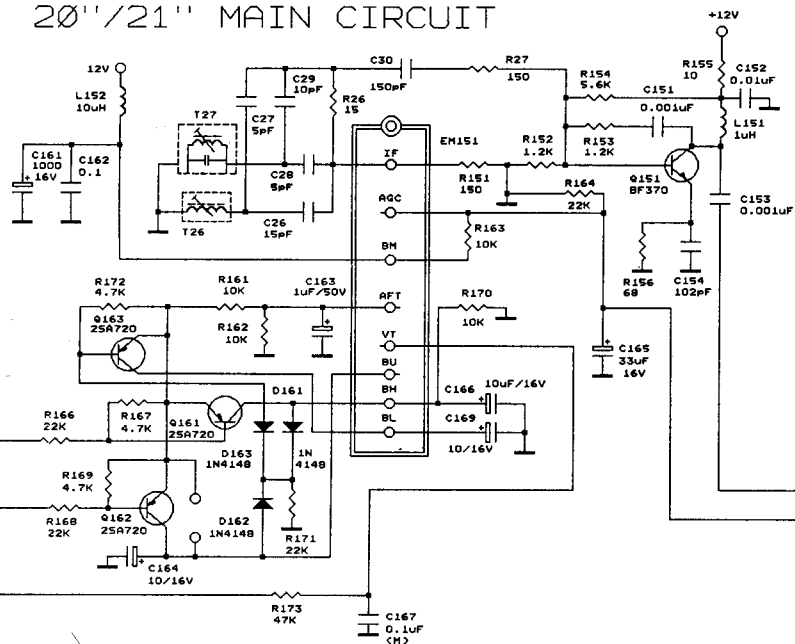
CRT CIRCUIT

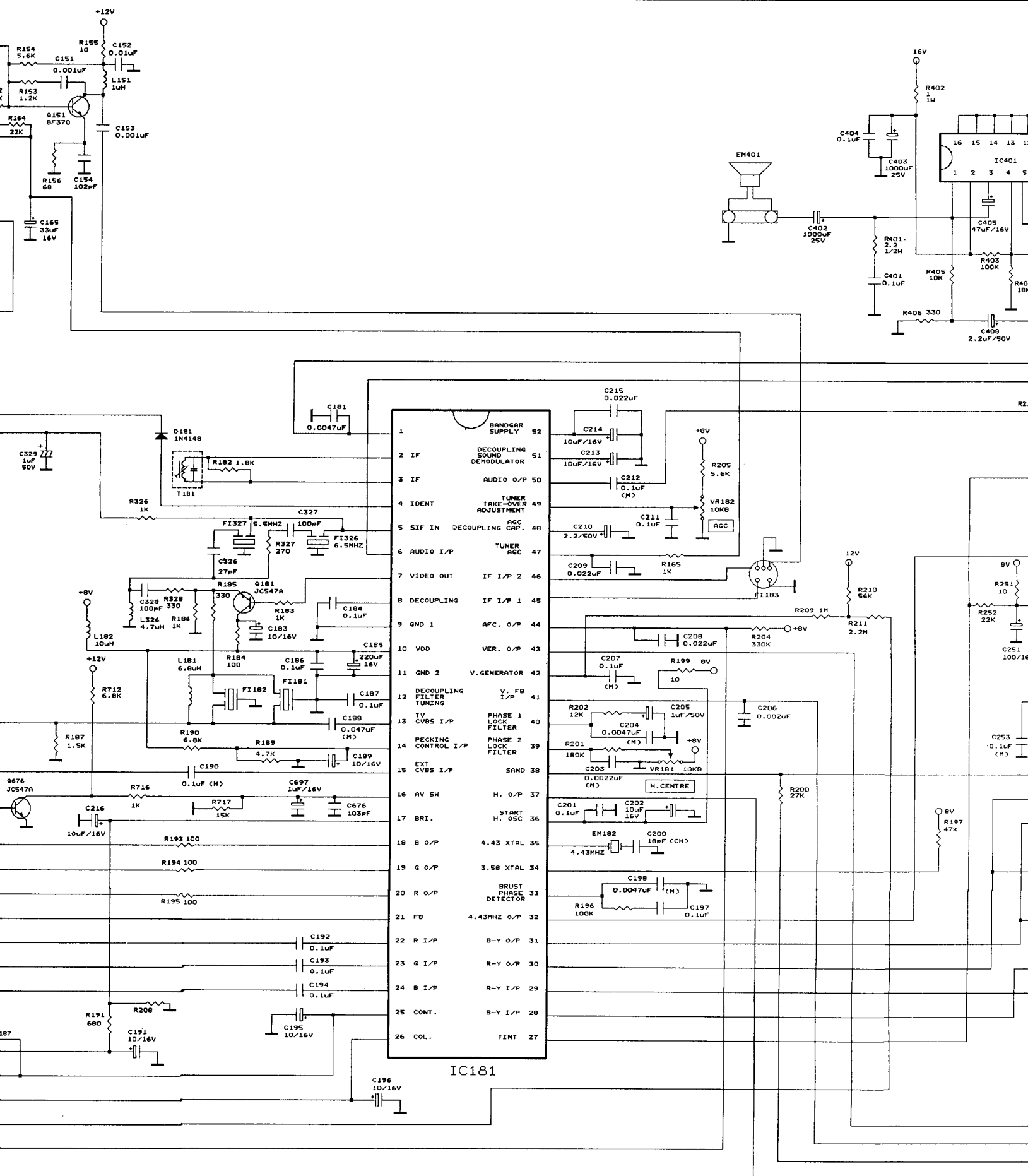
DRIVE CIRCUIT

AV CIRCUIT

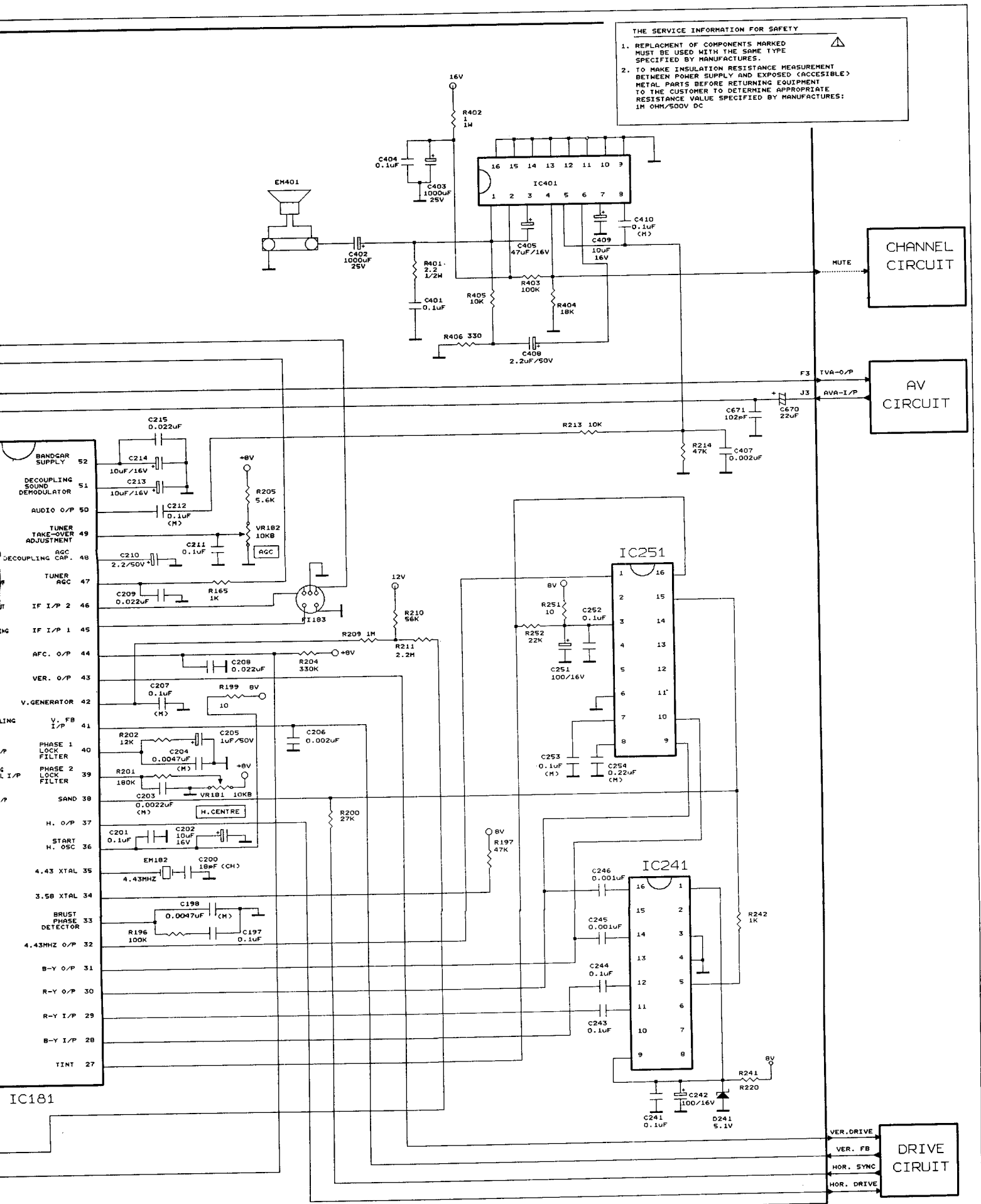
TELETEXT CIRCUIT

CHANNEL CIRCUIT



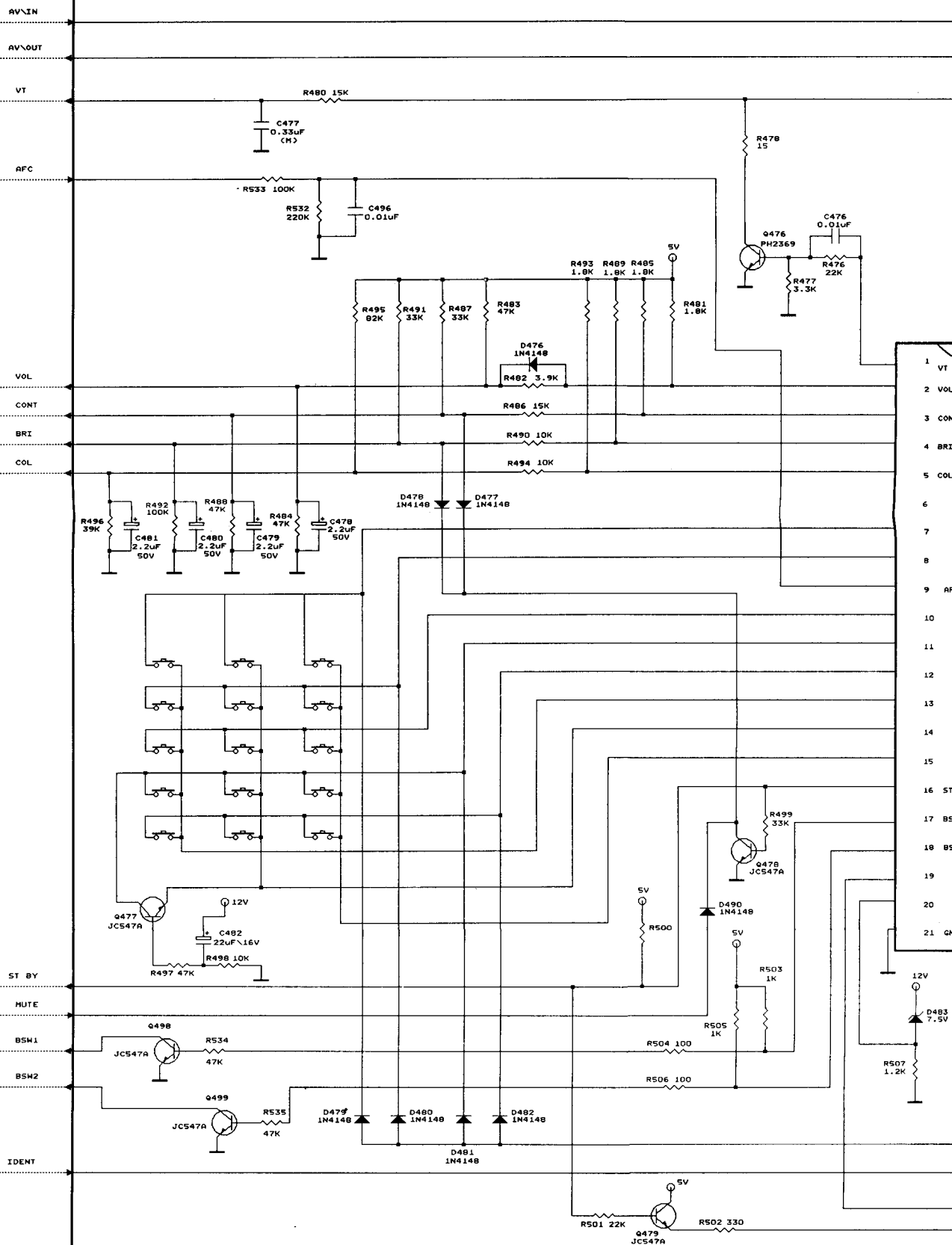


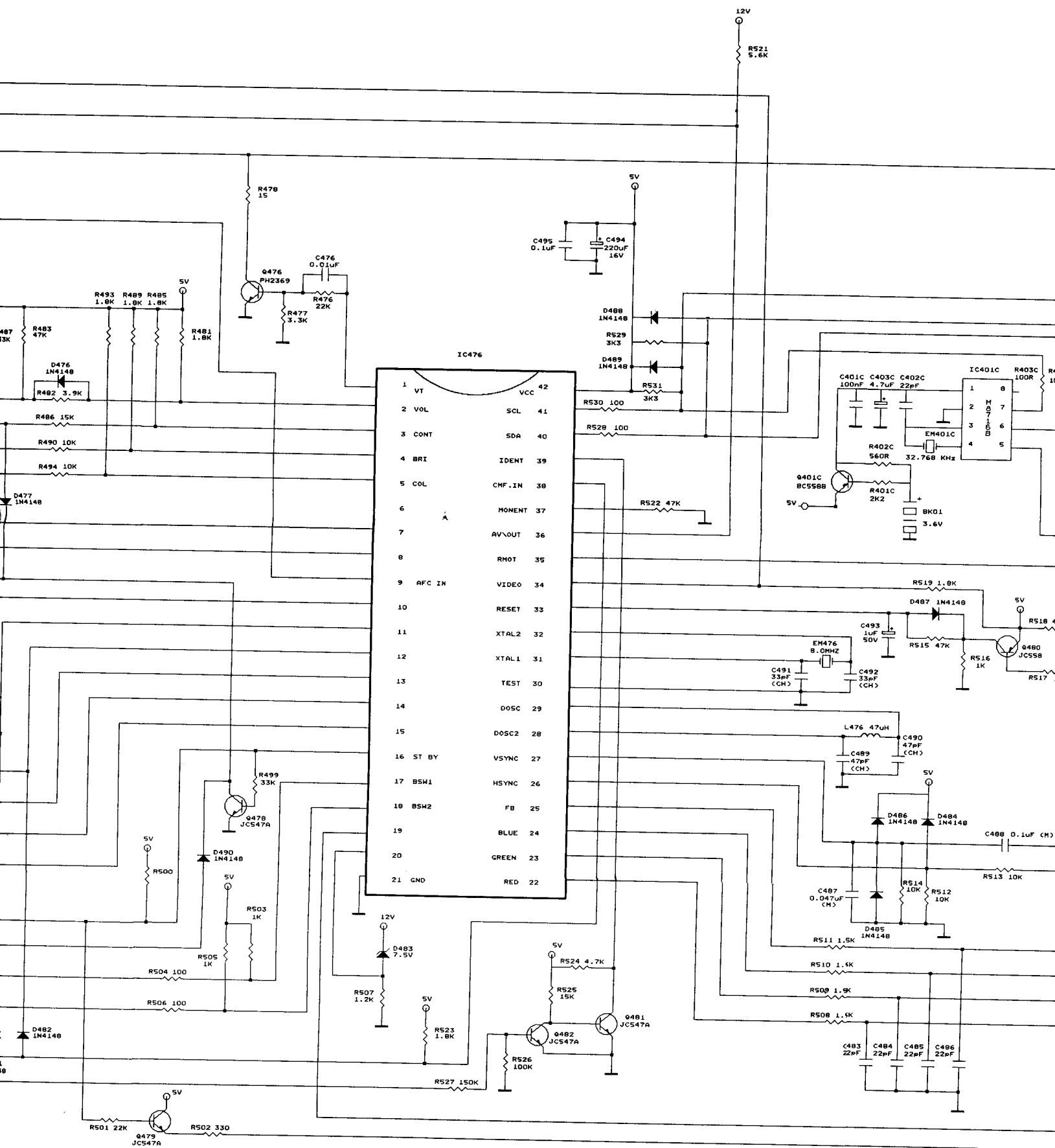
SM-1 MONO CHASSIS

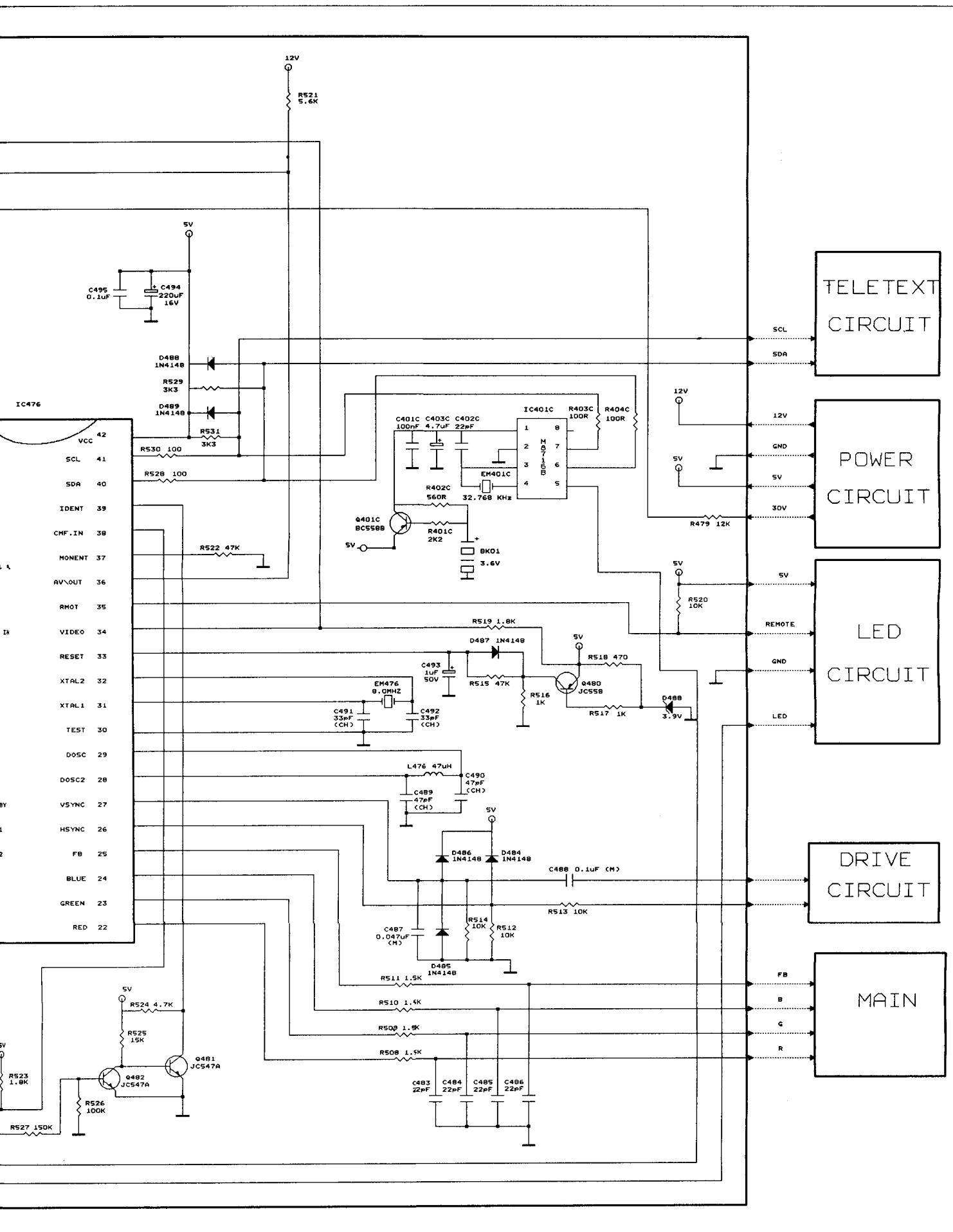


S CIRCUIT DIAGRAM

MAIN CIRCUIT



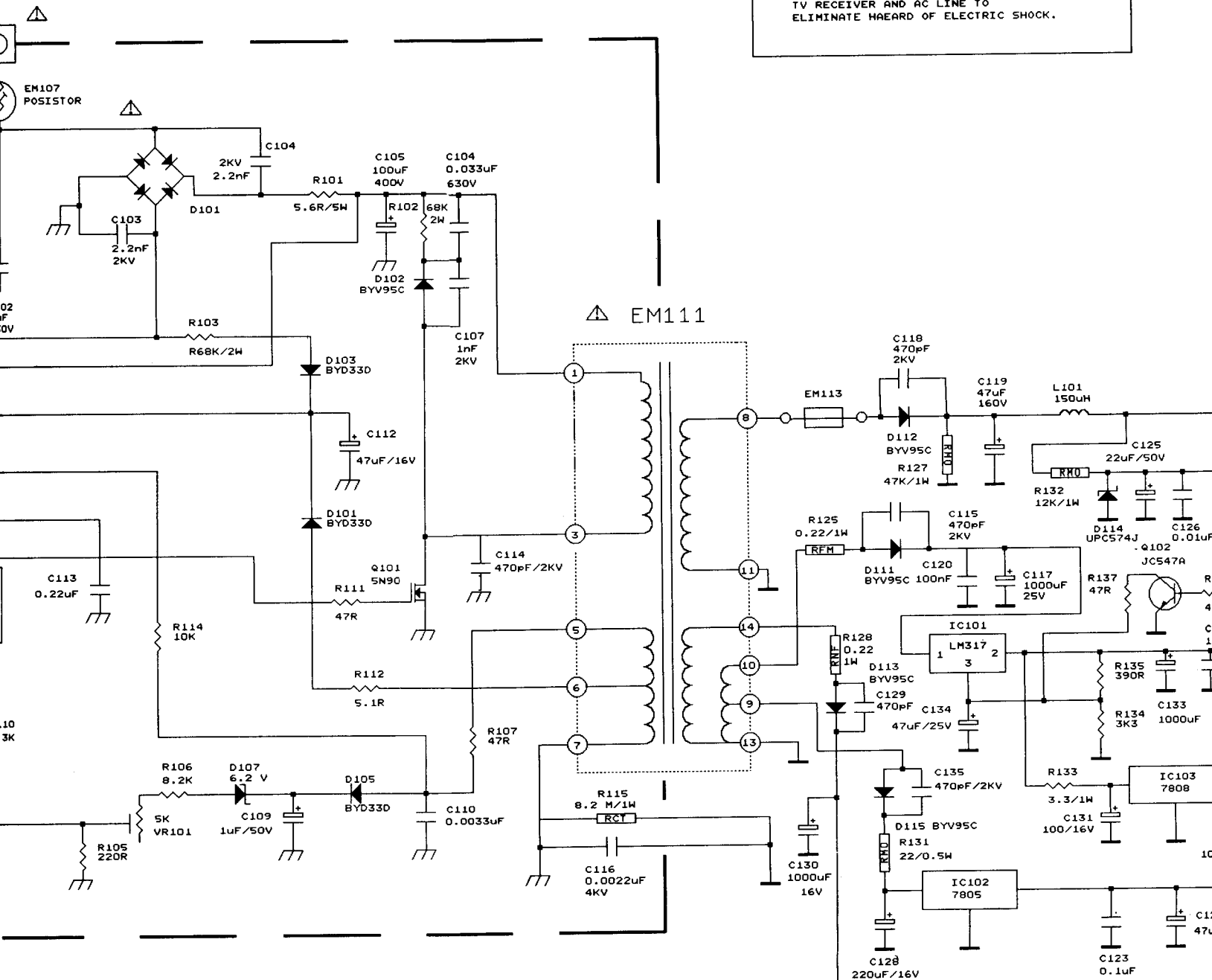




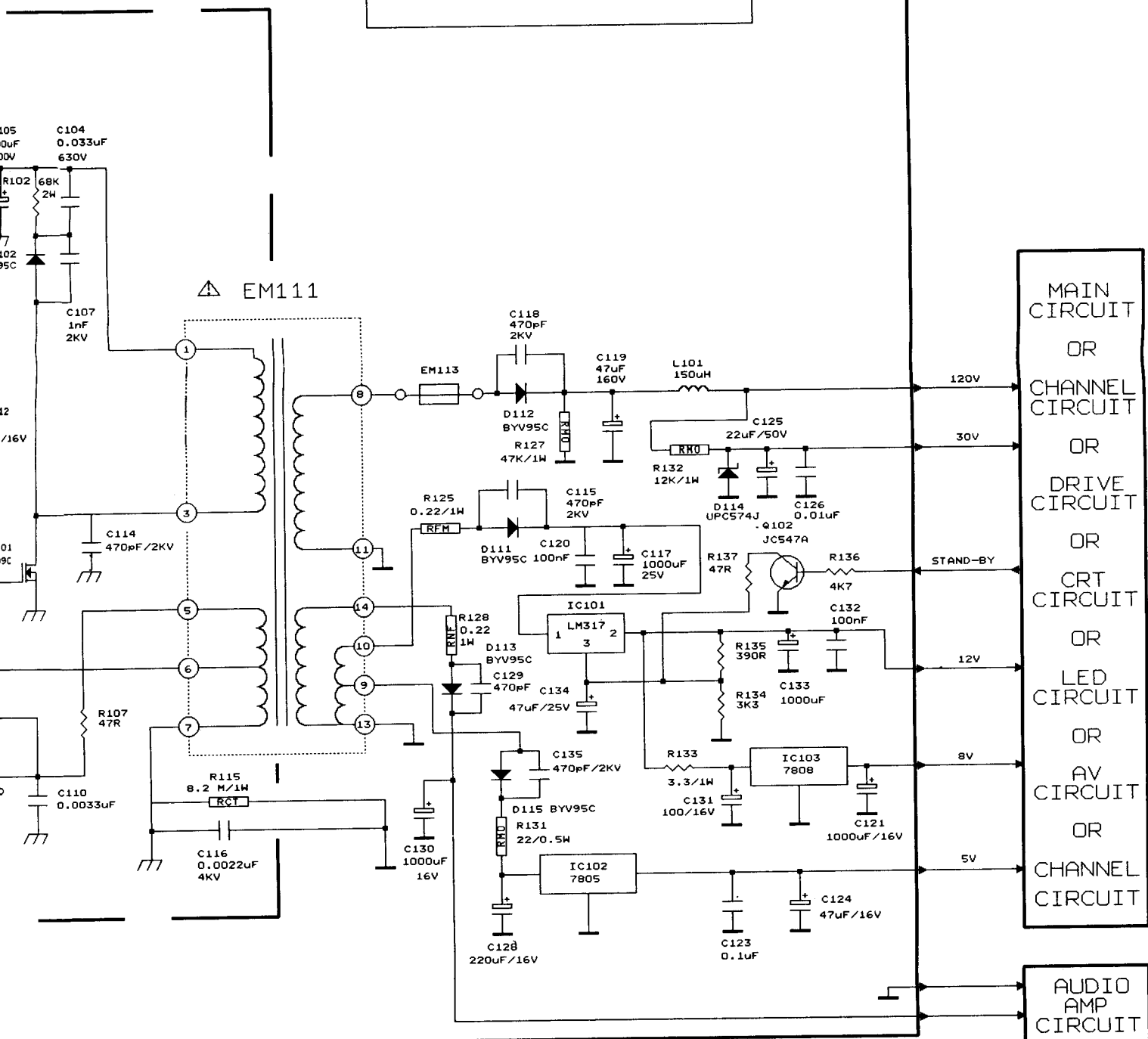


THE SERVICE INFORMATION FOR SAFETY

1. REPLACEMENT OF COMPONENTS MARKED MUST BE USED WITH THE SAME TYPE SPECIFIED BY MANUFACTURES.
2. THE AREA ENCLOSED BY THIS LINE (———) IS DIRECTLY CONNECTED WITH AC MAIN VOLTAGE WHEN SERVICING THE AREA, CONNECT AN ISOLATING TRANSFORMER BETWEEN TV RECEIVER AND AC LINE TO ELIMINATE HAEARD OF ELECTRIC SHOCK.



1. REPLACEMENT OF COMPONENTS MARKED MUST BE USED WITH THE SAME TYPE SPECIFIED BY MANUFACTURES.
2. THE AREA ENCLOSED BY THIS LINE (———) IS DIRECTLY CONNECTED WITH AC MAIN VOLTAGE WHEN SERVICING THE AREA, CONNECT AN ISOLATING TRANSFORMER BETWEEN TV RECEIVER AND AC LINE TO ELIMINATE HAZARD OF ELECTRIC SHOCK.



R576-R619
C576-C610
D576-D583
E576-E580
VR576-VR578
Q576-Q581
IC576
L576-L577

20"/21" DRIVE CIRCUIT

