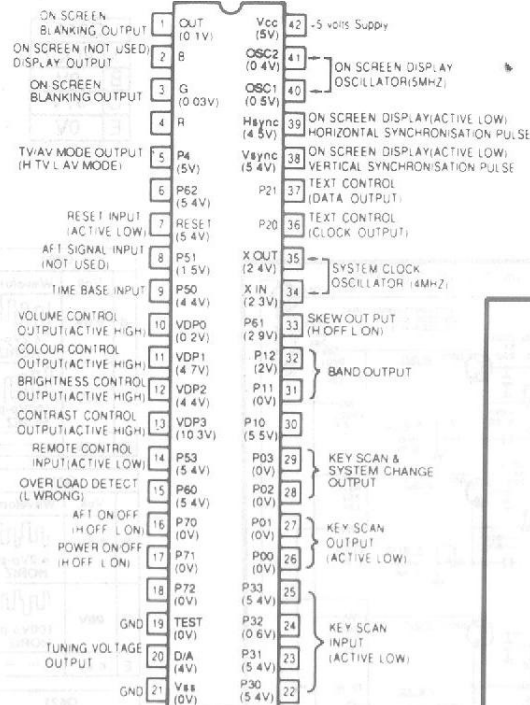


DIAGRAMA ESQUEMÁTICO - CTP-3771

IC701



Q701
VOLT
B 0V
C 5.4V
E 0V

Q721
VOLT
B 4.6V
C 5.2V
E 5.3V

Q731
VOLT
B 0.03V
C 7V
E 0V

Q732
VOLT
B 0.7V
C 0.06V
E 0V

Q733
VOLT
B 0.7V
C 0.03V
E 0V

Q741
VOLT
B 0.15V
C 0.1V
E 0.9V

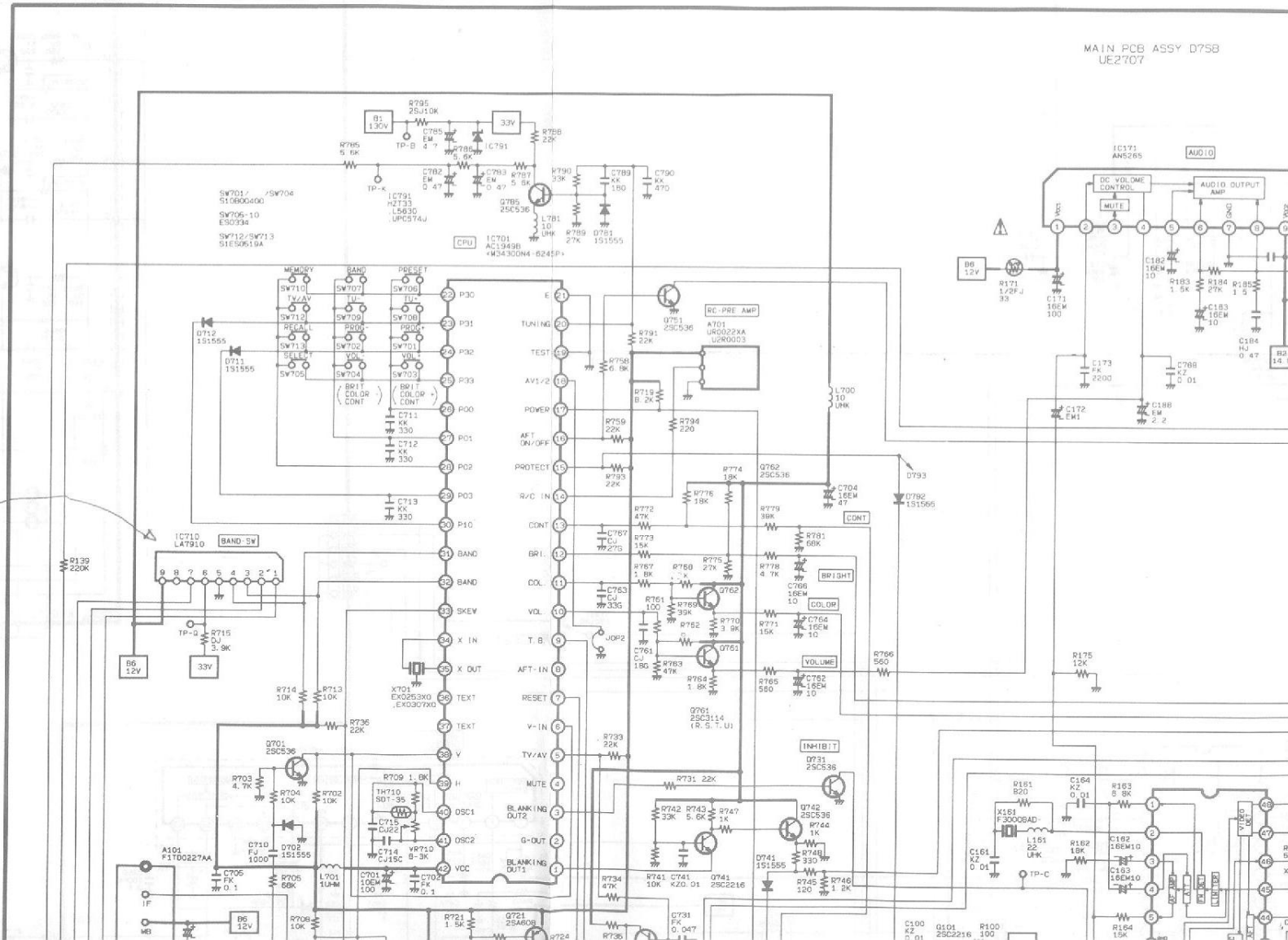
Q742
VOLT
B 0.17V
C 12V
E 12V

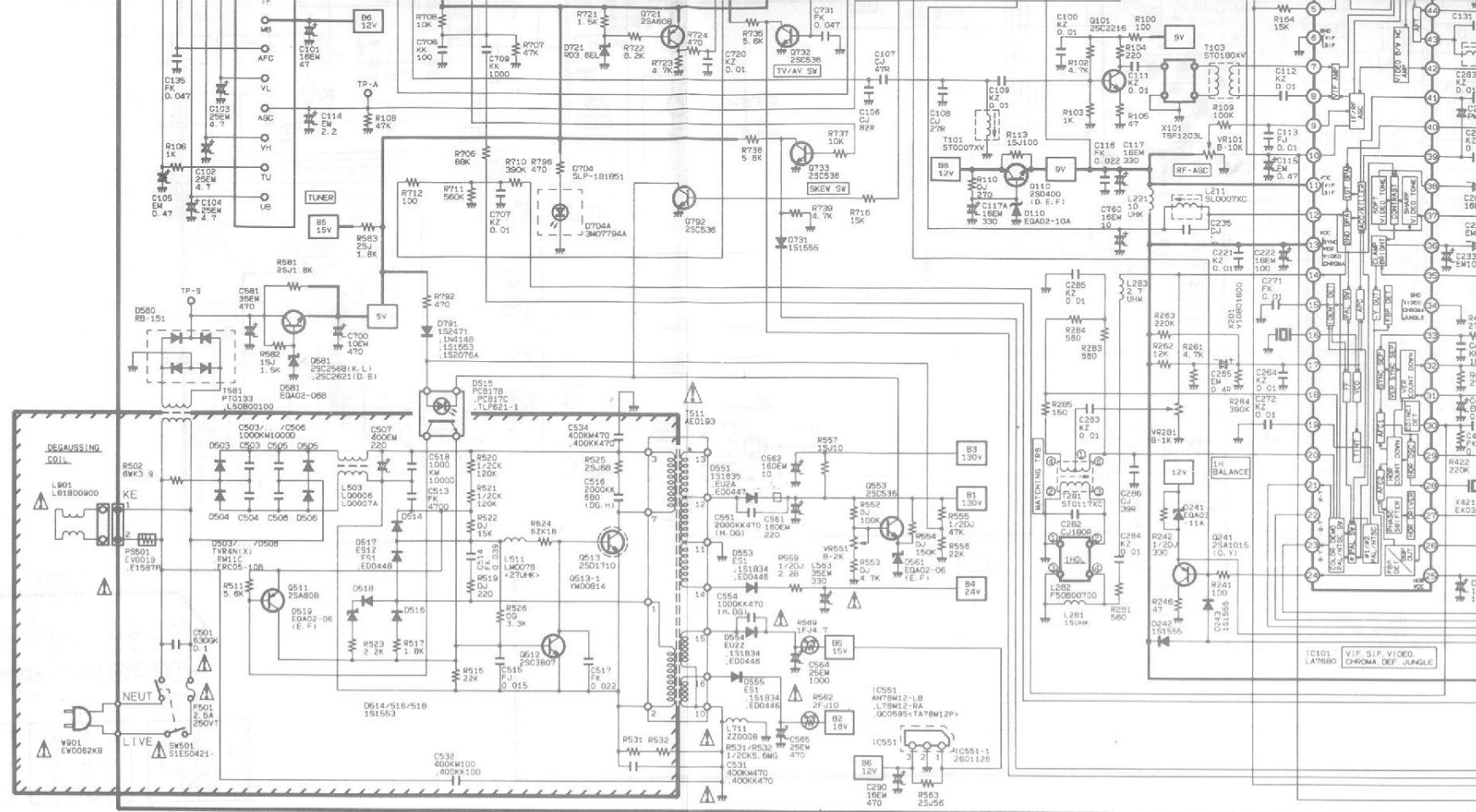
Q751
VOLT
B 0.03V
C 7.2V
E 0V

Q785
VOLT
B 0.5V
C 4.6V
E 0V

Q792
VOLT
B 0V
C 11V
E 0V

11.5V
5V
0V
0.1V
7V
7.4V
7.5V
15V





Q511	VOLT.
B	10V
C	-0.8V
E	10.8V

Q512	Volt.	Waveform
B	-2.7V	1.1Vp-p
C	-1.5V	1.5Vp-p
E	0V	---

Q513	Volt.	Waveform
B	-1.5V	5.0Vp-p
C	280V	580Vp-p
E	0V	---

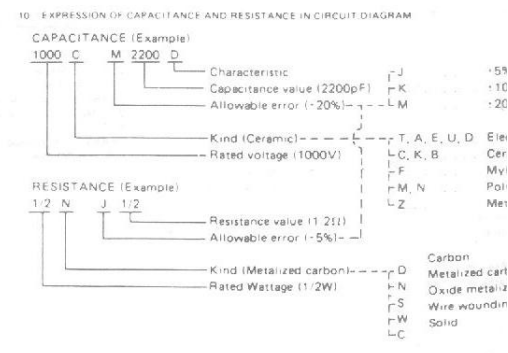
Q553	VOLT.
B	7V
C	40V
E	6.5V

Q110	VOLT.
B	10V
C	12V
E	9V

Q101	VOLT.
B	1.2V
C	0.4V
E	4.2V



CIRCUIT DIAGRAM NOTES



- ALL RESISTANCE VALUES ARE IN OHMS. K = 1,000. M = 1,000,000.
- ALL RESISTANCE RATED WATTAGES ARE 1/4W UNLESS OTHERWISE NOTED.
- EXCEPTING ELECTROLYTIC CAPACITORS, ALL CAPACITANCE VALUES OF LESS THAN 1 ARE EXPRESSED IN P.F. AND MORE THAN 1 ARE IN P.F.
- ALL CAPACITANCE RATED VOLTAGES ARE IN V.F.
- ALL INDUCTANCE VALUES ARE IN UH.
- VOLTAGE READINGS TAKEN WITH A "VTVM" ARE FROM POINT INDICATED TO CHASSIS GROUND. VOLTAGE READINGS TAKEN BY USING A COLOUR BAR SIGNAL ARE WITH ALL CONTROLS AT NORMAL AND AFC SWITCH IN "OFF" POSITION. SOME VOLTAGES MAY VARY WITH SIGNAL STRENGTH.
- WAVEFORMS WERE TAKEN WITH COLOUR BAR SIGNAL AND CONTROLS ADJUSTED FOR NORMAL PICTURE. WAVEFORMS WERE TAKEN BY USING A WIDE BAND OSCILLOSCOPE AND A LOW CAPACITY PROBE.
- VOLTAGE AND WAVEFORM VALUES OF TRANSISTORS IN THE AREA ENCLOSED BY LINE ARE MEASURED TO BASE. THE ELECTRIC POTENTIAL AT PIN 3 OF T311.
- THIS CIRCUIT DIAGRAM COVERS A BASIC OR REPRESENTATIVE CHASSIS ONLY. THERE MAY BE SOME COMPONENTS OR PARTIAL CIRCUIT DIFFERENCES BETWEEN THE ACTUAL CHASSIS AND THE CIRCUIT DIAGRAM.





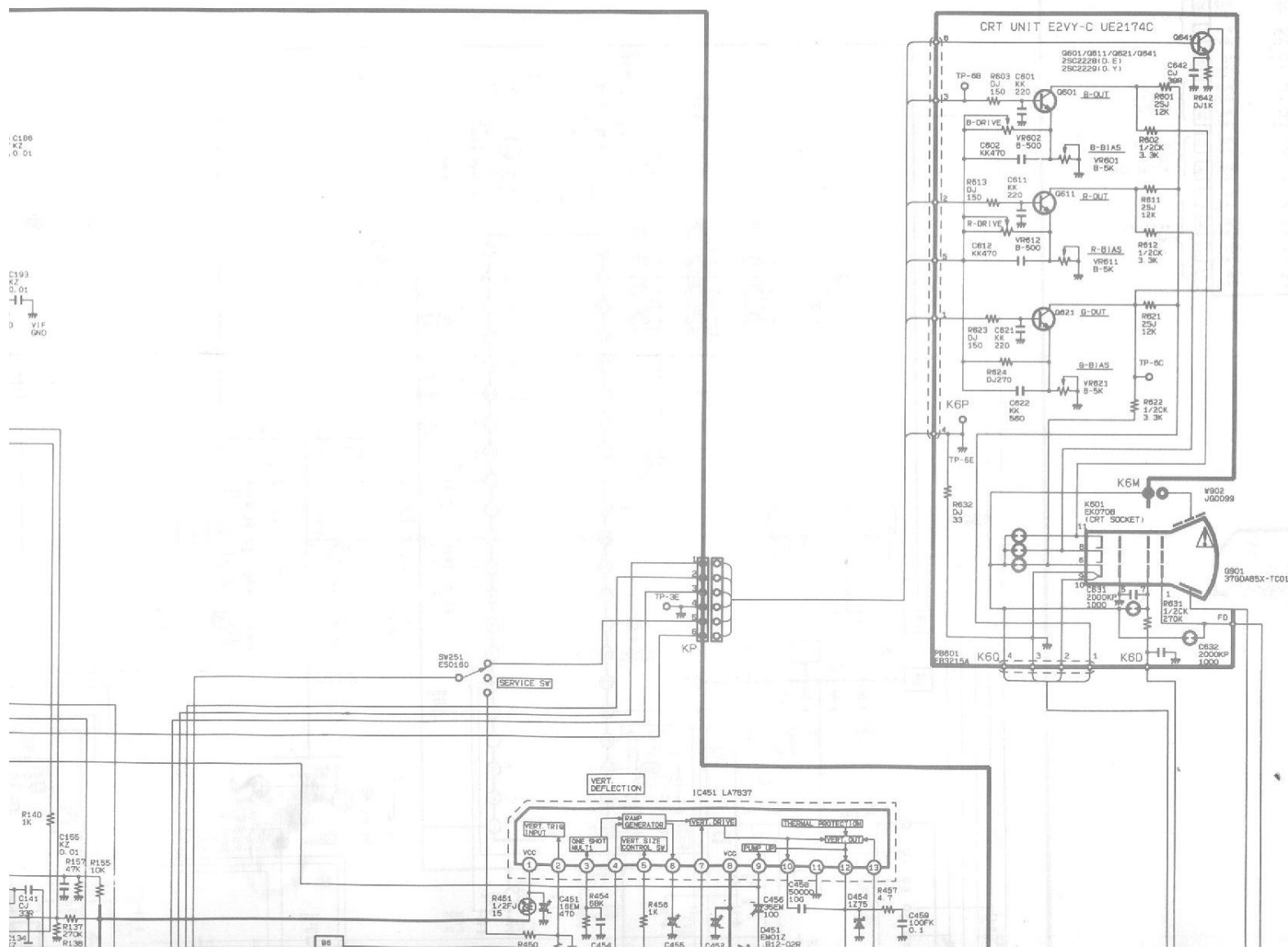
Q762	
	VOLT.
B	8.6V
C	12V
E	8V

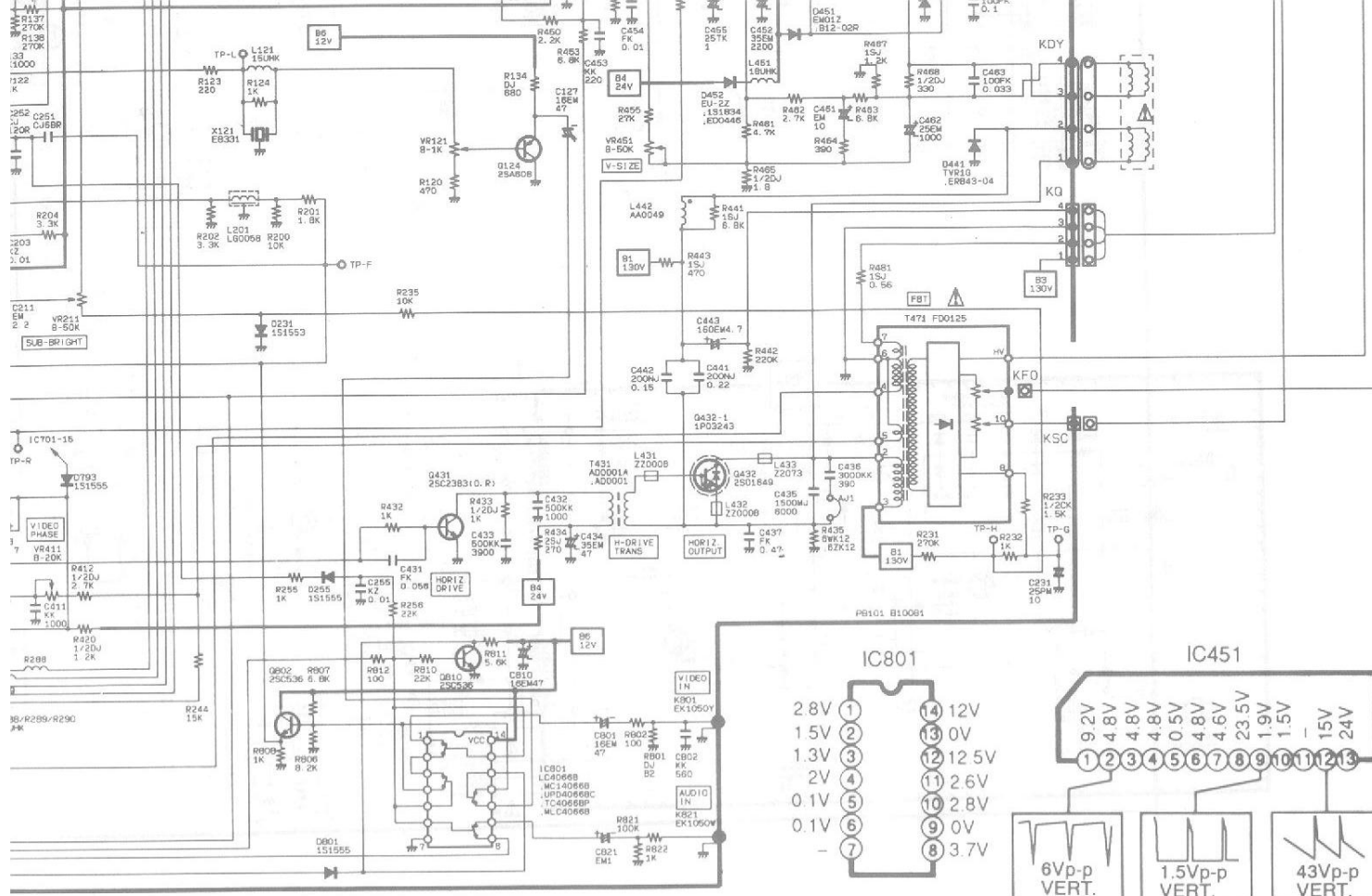
Q641	
	VOLT
B	0V
C	97V
E	0V

Q601		
	Volt.	Waveform
B	0.6V	 4.2Vp-p HORIZ.
C	94V	 100Vp-p HORIZ.
E	0.4V	— — —

Q811		
	Volt.	Waveform
B	0.5V	 4.2Vp-p HORIZ.
C	98V	 100Vp-p HORIZ.
E	0.4V	— — —

Q821		
	Volt.	Waveform
B	8.8V	 3.7Vp-p HORIZ.
C	97V	 95Vp-p HORIZ.
E	8.4V	— — —





Q241		
	Volt.	Waveform
B	4.8V	8.5Vp-p HORIZ.
C	1.2V	—
E	5.3V	5.5Vp-p HORIZ.

Q802	
	VOLT.
B	6.6V
C	12V
E	6V

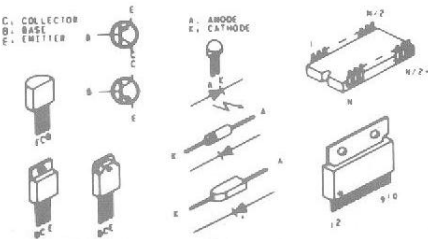
Q810	
	VOLT.
B	0.06V
C	12.5V
E	0V

Q431	
	Volt. Waveform
B	0.08V 2.1Vp-p HORIZ.
C	19V 40Vp-p HORIZ.
E	0V —

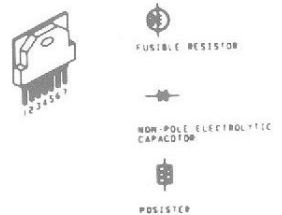
Q432	
	Volt. Waveform
B	2.3V 1.4Vp-p HORIZ.
C	80V 1000Vp-p HORIZ.
E	2.4V 1.2Vp-p HORIZ.

IC101			
1	3.6V	5V	48
2	6V	5V	47
3	4.6V	4V	46
4	5.8V	5V	45
5	4V	5.4V	44
6	—	7.2V	43
7	4.8V	3.5V	42
8	4.8V	6.2V	41
9	6V	4.8V	40
10	7V	5.6V	39
11	9.3V	1.8V	38
12	6.7V	8.6V	37
13	9.2V	2.8V	36
14	5.7V	4.4V	35
15	7V	—	34
16	5.8V	7V	33
17	6.2V	4.8V	32
18	3.4V	0.4V	31
19	4.8V	7.4V	30
20	3.5V	5.8V	29
21	5.5V	5.2V	28
22	5.5V	0.8V	27
23	5.5V	0.6V	26
24	4.5V	7.7V	25

TRANSISTOR, DIODE & INTEGRATED CIRCUIT TERMINAL GUIDE



PARTICULAR PARTS SYMBOL



DIODE IS1555 MAY BE REPLACED WITH IS2473, IS2076 OR DS442 UNLESS OTHERWISE NOTED
 TRANSISTOR 2SC536 (E, F, G) MAY BE REPLACED WITH 2SC1740S (Q, R, S), 2SC1740 (Q, R, S), 2SC945A (Q, R, P) OR 2SC1815 (G, O, Y) UNLESS OTHERWISE NOTED
 TRANSISTOR 2SA608 (E, F) MAY BE REPLACED WITH 2SA933 (Q, R), 2SA564 (Q, A), RA1 OR 2SA1015 (O, Y) UNLESS OTHERWISE NOTED