

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

Q761	
VOLT.	
B	0.4V
C	12V
E	0.05V

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

Q181	
VOLT.	
B	0.7V
C	0.1V
E	0V

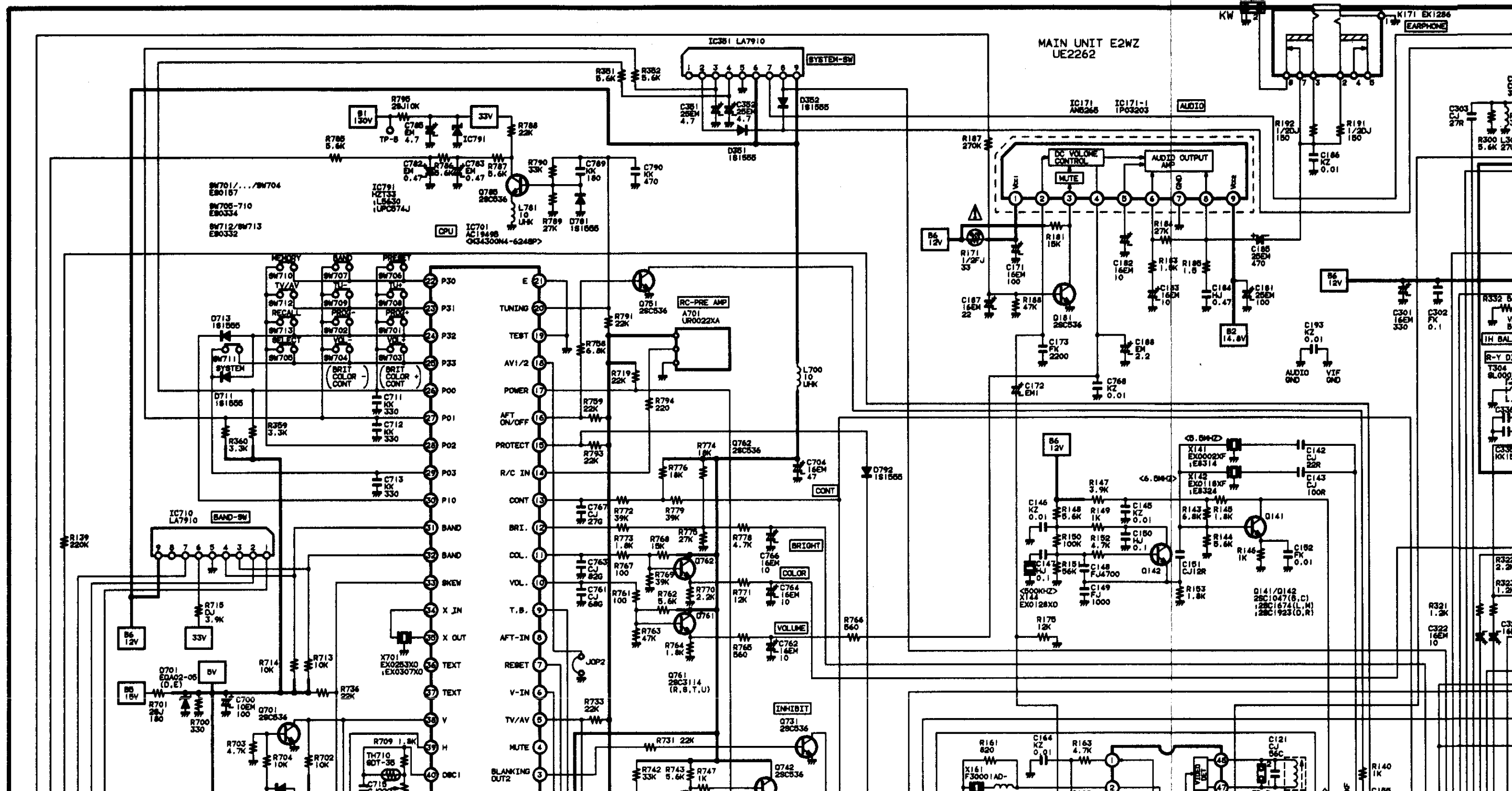
Q751	
VOLT.	
B	0.03V
C	7.2V
E	0V

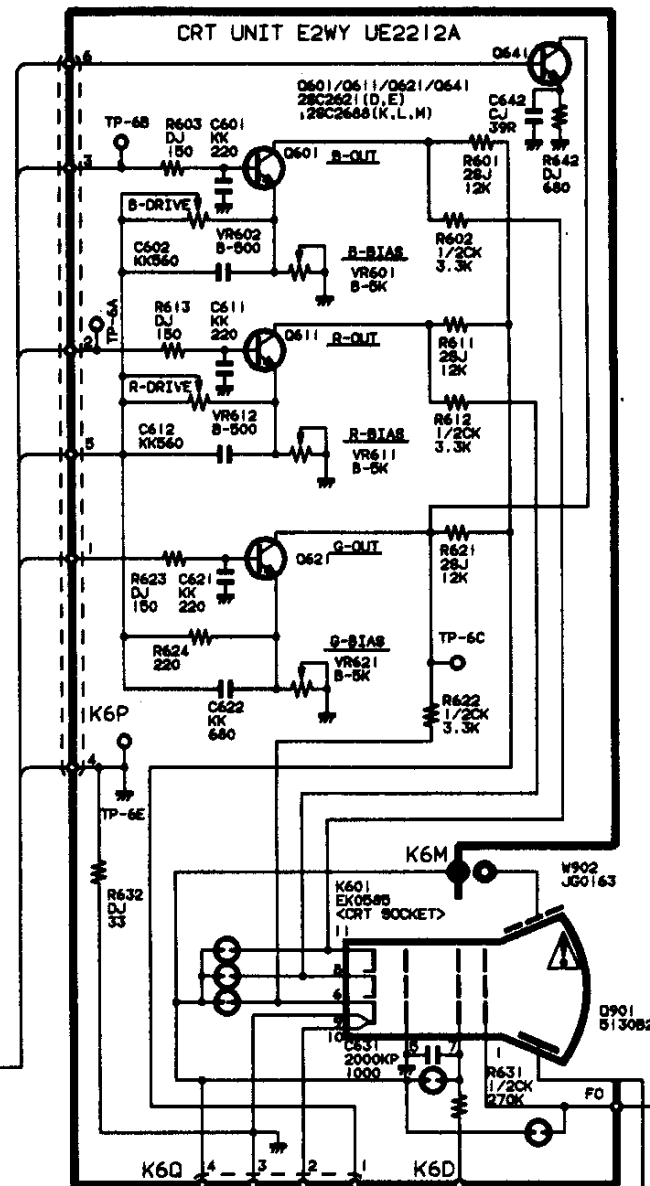
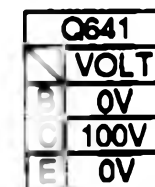
Q785	
VOLT.	
B	0.5V
C	4.6V
E	0V

Q792	
VOLT.	
B	0V
C	11V
E	0V

1	11.5V
2	5V
3	0V
4	0.1V
5	7V
6	7.4V
7	-
8	7.5V
9	15V

IC351	
1	1.3V
2	0.2V
3	0.3V
4	12V
5	0.8V
6	-
7	-
8	-
9	-

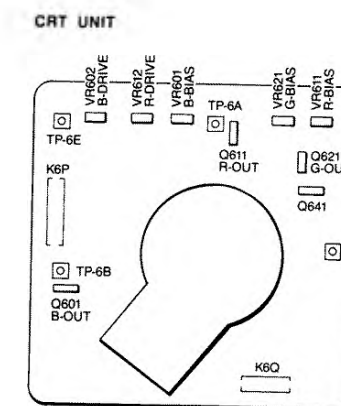




. 220 :		
	VOLT.	WAVEFORM
B	6.6V	 4.2VP-P HORIZ
C	104V	 100VP-P HORIZ
E	6.4V	-----

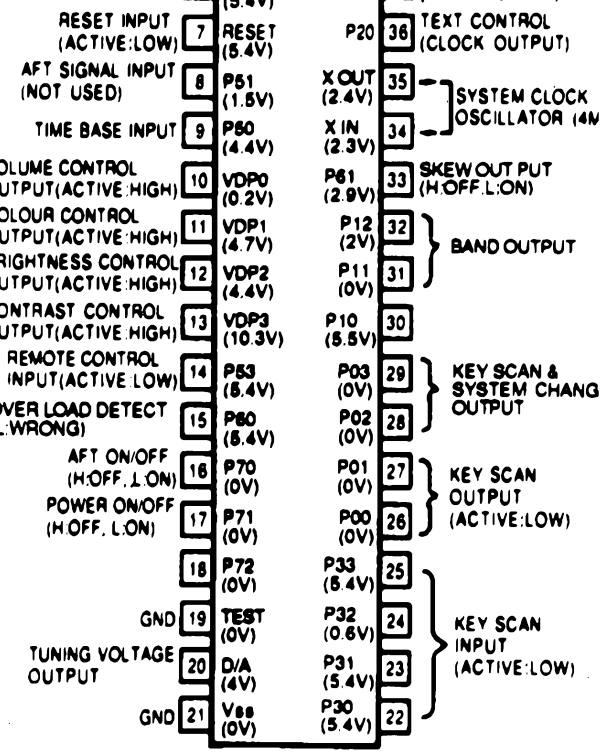
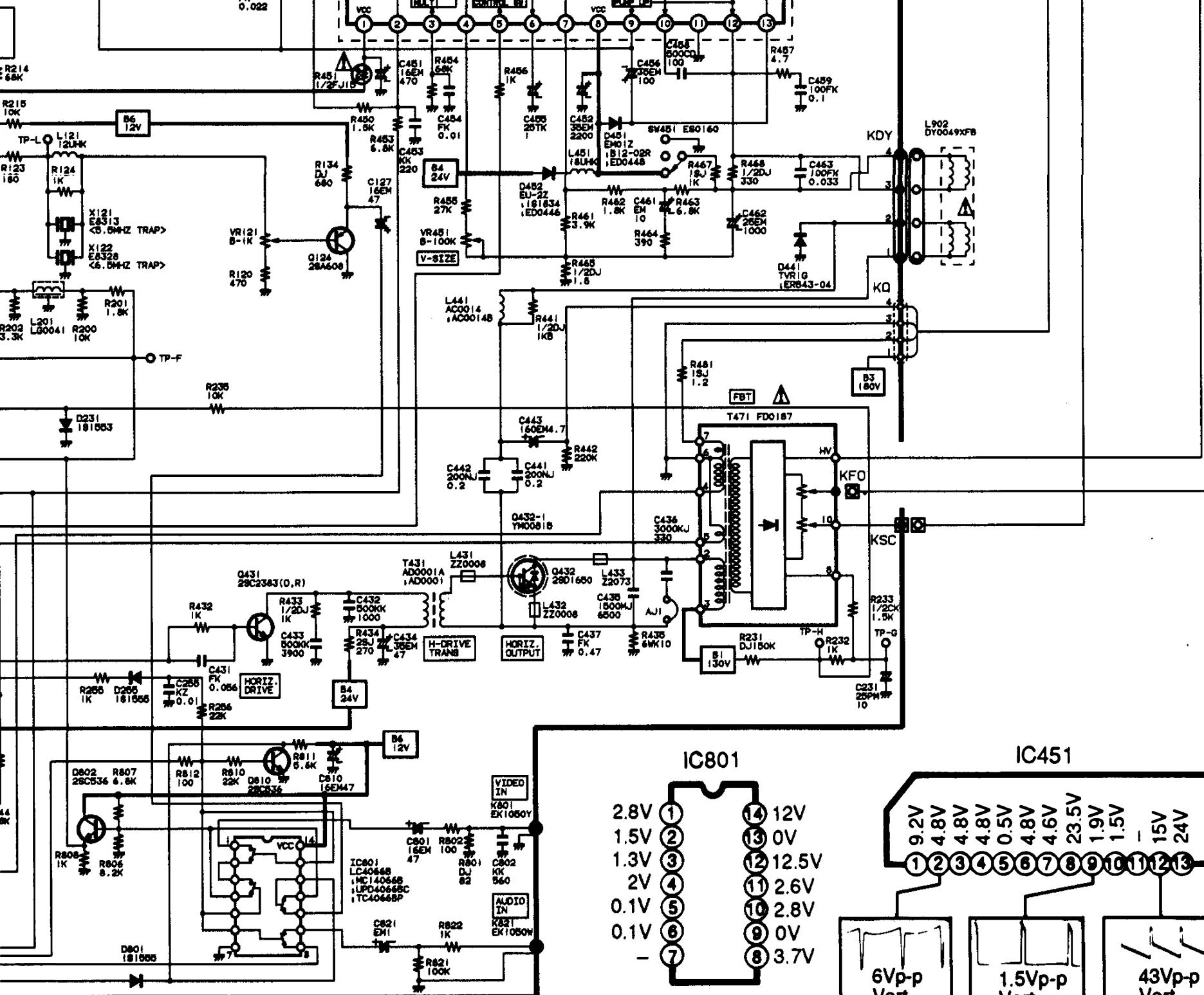
D611		
	VOL T.	WAVEFORM
B	5.6V	 4.2VP-P MOD 12
C	103V	 106VP-P MOD 12
E	6.4V	 6.4VP-P MOD 12

0421		
	VOL 1	WAVEFORM
B	5.0V	 3.3V-P MOB12
C	100V	 93V-P MOB12
E	5.4V	----

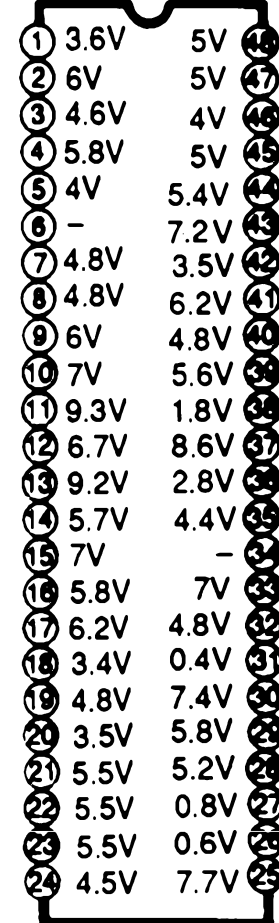


IC701

Pin	Function	Internal Label	Notes
1	ON-SCREEN BLANKING OUTPUT	OUT (0.1V)	
2	ON-SCREEN (NOT USED) DISPLAY OUTPUT	B	
3	ON-SCREEN BLANKING OUTPUT	G (0.03V)	
4		R	
5	TV/AV MODE OUTPUT (H TV L AV MODE)	P4 (8V)	
6		P82	
7		Vcc (8V)	-5 volts Supply
8		OSC2 (0.4V)	
9		OSC1 (0.8V)	
10		Hayne (4.8V)	
11		Vayne (8.4V)	
12		P21	
13		ON-SCREEN DISPLAY (ACTIVE:LOW)	
14		HORIZONTAL SYNCHRONISATION PULSE	
15		ON-SCREEN DISPLAY (ACTIVE:LOW)	
16		VERTICAL SYNCHRONISATION PULSE	
17		TEXT CONTROL (DATA OUTPUT)	

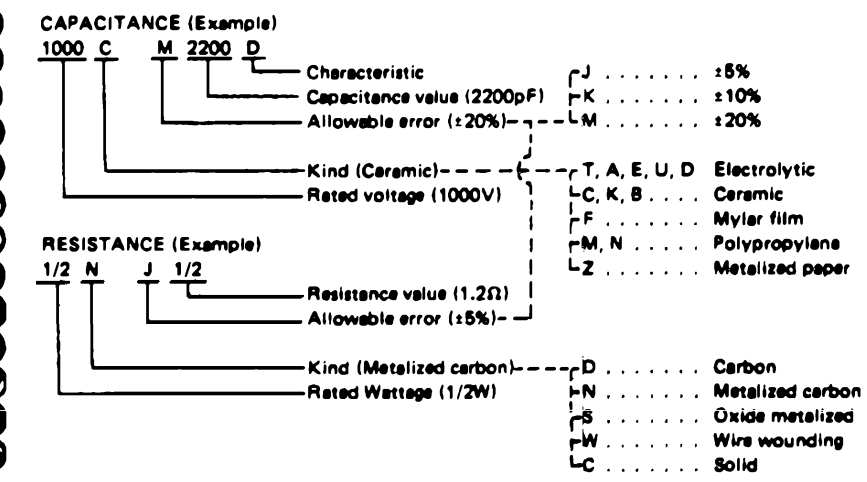


IC101



11. DIODE 1S1555 MAY BE REPLACED WITH 1S2473, 1S2078 OR D8442 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 2SA808 (E, F) MAY BE REPLACED WITH 2SA933 (Q, R), 2SA864 (Q, R, P) OR 2SA1015 (O, Y) UNLESS OTHERWISE NOTED.

10. EXPRESSION OF CAPACITANCE AND RESISTANCE IN CIRCUIT DIAGRAM.



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

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

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.

SANYO **COLOUR TELEVISION** **A3 CHASSIS SERIES** **CEM6022P-00**

MAIN UNIT

