Q701	
	VOLT.
C	4.5V
B	0.2V
E	—

Q801	
	VOLT.
C	11V
B	3.6V
E	3V

Q802	
	VOLT.
C	—
B	7.2V
E	5.3V

Q803	
	VOLT.
C	—
B	3.6V
E	4.3V

Q821	
	VOLT.
C	5.5V
B	0V
E	—

Q741	
	VOLT.
C	11V
B	6.5V
E	5.8V

Q742	
	VOLT.
C	0.1V
B	1V
E	0.1V

Q711	
	VOLT.
C	4.9V
B	0V
E	0V

Q721	
	VOLT.
C	8V
B	0.4V
E	—

Q732	
	VOLT.
C	11V
B	10V
E	11V

Q733	
	VOLT.
C	0
B	11V
E	11V

Q371	
	VOLT.
C	16V
B	5.5V
E	5V

Q731	
	VOLT.
C	0V
B	11V
E	11V

Q311	
	VOLT.
C	37.5V
B	0.1V
E	38.0V

Q312		WAVEFORM
	VOLT.	
B	0V	1.1VP-P
C	-0.15V	1.3VP-P
E	0V	------

Q313		WAVEFORM
	VOLT.	
B	-0.15V	1.5VP-P
C	280V	560VP-P
E	0V	------

Q181	
	VOLT.
C	19.5V
B	-0.6V
E	—

Q121		WAVEFORM
	VOLT.	
B	1.9V	0.6VP-P HORIZ.
C	11V	------
E	1.2V	0.6VP-P HORIZ.

Q241		WAVEFORM
	VOLT.	
B	6.2V	8.5VP-P HORIZ.
C	0V	------
E	6.4V	8.5VP-P HORIZ.

Q401		WAVEFORM
	VOLT.	
B	3.8V	4.2VP-P HORIZ
C	104V	100VP-P HORIZ
E	3.3V	------

Q411		WAVEFORM
	VOLT.	
B	4.0V	4.2VP-P HORIZ
C	102V	100VP-P HORIZ
E	3.4V	------

Q421		WAVEFORM
	VOLT.	
B	3.9V	3.1VP-P HORIZ
C	100V	95VP-P HORIZ
E	3.3V	------

SECAM UNIT Q1305	
	VOLT.
C	11.8V(S)
B	11.1V(S)
E	10.7V(S)

Q1304	
	VOLT.
C	11.8V(S)
B	11.3V(S)
E	10.6V(S)

Q1303	
	VOLT.
C	11.5V(S)
B	0V(S)
E	—

Q1302	
	VOLT.
C	0V(S)
B	0.6V(S)
E	—

SECAM UNIT Q1301	
	VOLT.
B	6V
C	11V
E	5.1V

Q431		WAVEFORM
	VOLT.	
B	0.015V	2.1VP-P HORIZ
C	18.1V	60VP-P HORIZ
E	0V	------

Q432		WAVEFORM
	VOLT.	
B	1.9V	1.4VP-P HORIZ
C	137V	1050VP-P HORIZ
E	1.95V	1.2VP-P HORIZ

IC451	
1	1.5V
2	23V
3	23.5V
4	0.7V
5	0.9V
6	23V
7	14.9V
8	—

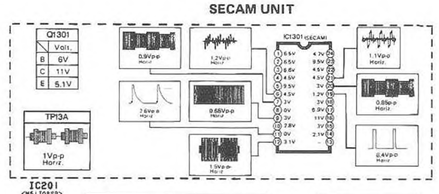
22Vp-p Vert.

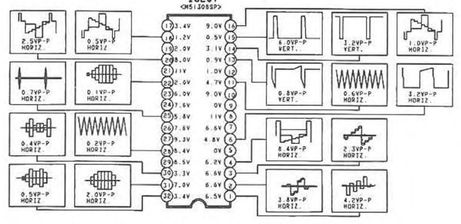
1Vp-p Vert.

44Vp-p Vert.

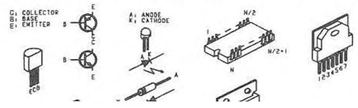
2SD1710/BU508A Pair
2SD1649/BU508D Pair
2SA608/BC558/BC308/B

SECAM UNIT

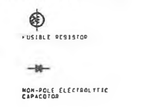




TRANSISTOR, DIODE & INTEGRATED CIRCUIT TERMINAL GUIDE

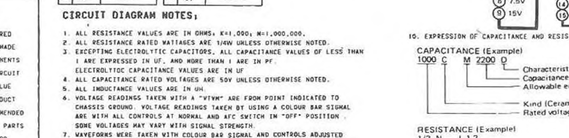


PARTICULAR PARTS SYMBOL



CIRCUIT DIAGRAM NOTES;

1. ALL RESISTANCE VALUES ARE IN OHMS; K=1,000, M=1,000,000.
2. ALL RESISTANCE RATED WATTAGES ARE 1/4W UNLESS OTHERWISE NOTED.
3. EXCEPTING ELECTROLYTIC CAPACITORS, ALL CAPACITANCE VALUES OF LESS THAN 1 ARE EXPRESSED IN UF, AND MORE THAN 1 ARE IN PF. ELECTROLYTIC CAPACITANCE VALUES ARE IN UF
4. ALL CAPACITANCE RATED VOLTAGES ARE 50V UNLESS OTHERWISE NOTED.
5. ALL INDUCTANCE VALUES ARE IN UH.
6. 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.
7. 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.
8. [illegible] TRANSISTORS IN THE AREA ENCLOSED BY A LINE [illegible]
9. [illegible] TRANSISTORS IN THE AREA ENCLOSED BY A LINE [illegible]
10. EXPRESSION OF CAPACITANCE AND RESISTANCE IN CIRCUIT DIAGRAM.



11. DIODE 1S1555 MAY BE REPLACED WITH 1S2473, 1S2076 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 (OA,BA) OR 2SA1015 (O,Y) UNLESS OTHERWISE NOTED.

VICE PRECAUTION;
REA ENCLOSED BY THIS LINE ( ) IS DIRECTLY CTED WITH AC MAINS VOLTAGE. WHEN SERVICING THE CONNECT AN ISOLATING TRANSFORMER BETWEEN THE VIEW AND AC LINE TO ELIMINATE HAZARD OF ELECTRIC

SANYO

COLOUR TELEVISION

A1 CHASSIS SERIES

SERVICE REF. NO. CED3011PV-30

PRODUCT SAFETY NOTICE

PRODUCT SAFETY SHOULD BE CONSIDERED WHEN A COMPONENT REPLACEMENT IS MADE IN ANY AREA OF A RECEIVER. COMPONENTS INDICATED BY A MARK ⚠ IN THIS CIRCUIT DIAGRAM SHOW COMPONENTS WHOSE VALUE HAVE SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS SPECIFIED ON THE PARTS LIST OF SERVICE MANUAL BE USED FOR COMPONENTS REPLACEMENT POINTED OUT