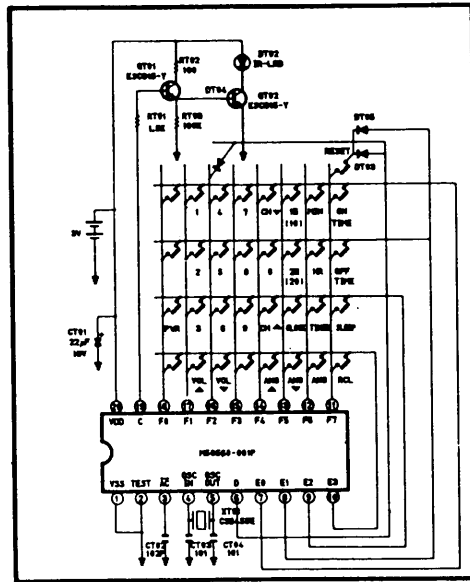


PWB-TRASMITTER



**SCHEMATIC DIAGRAM**  
CHASSIS NO : P545C  
CODE-NO : 38104-183-640

**EQUIVALENT PARTS TABLE**

STANDARD	REPLACEMENT
25C815-0.Y	E3C815-0.Y
25A1815-0.Y	E3A329-0.Y
25C2128-0.Y	E3C2318-0.Y
25C2228-0.Y	E3C2318-0.Y
25C2482 (FA-1)	E3C2328-0
25C5827H-0	E3A842-0
W6148	S-99 (1355)
552956	RLA E98 29-84,TVR100
RU-1	RLA 43-84,TVR060
RU-2	ERC24-96,3MP100
151600	CR12-96,3M04
S3/TAT69AP	KA2154
LATS28	KA219
MT812	MC7812
TAT600P	KA2154
EDA 82-86A	RD 5.0E82
EDA 82-86D	RD 6.2 E82
23C 2873	E3C 2873
23A 848	K3A 848
3R-2P	R-2KY
RP2	ROP150

**REPLACEMENT TABLE**

NO.	1" - 10"	10" - 20"
808	1/2W 27K	1/4W 50K-J
809	1/2W 5K-E	1/2W 48.3K-F
649	5W 27K	5W 10K
686A	5W 10K	5W 10K
747	E-20-14	E-10-10
744	POP-1418-P1	POP-2000-L
844	250 100-Y	250001-Y

OBSERVATION OF VOLTAGES AND WAVEFORMS

- 1 Voltages read with "VTVM" from point shown to chassis ground. line voltage 220/240V colour bar signal.
- 2 Voltages reading may vary  $\pm 20\%$ .
- 3 The schematic shown is representative only.
- 4 All waveforms are taken using a wide band oscilloscope and a low capacity probe.
- 5 Check FINE TUNING, AGC, BRIGHTNESS, CONTRAST, and COLOUR controls for best picture.
- 6 Waveforms are taken using a standard colour bar signal.

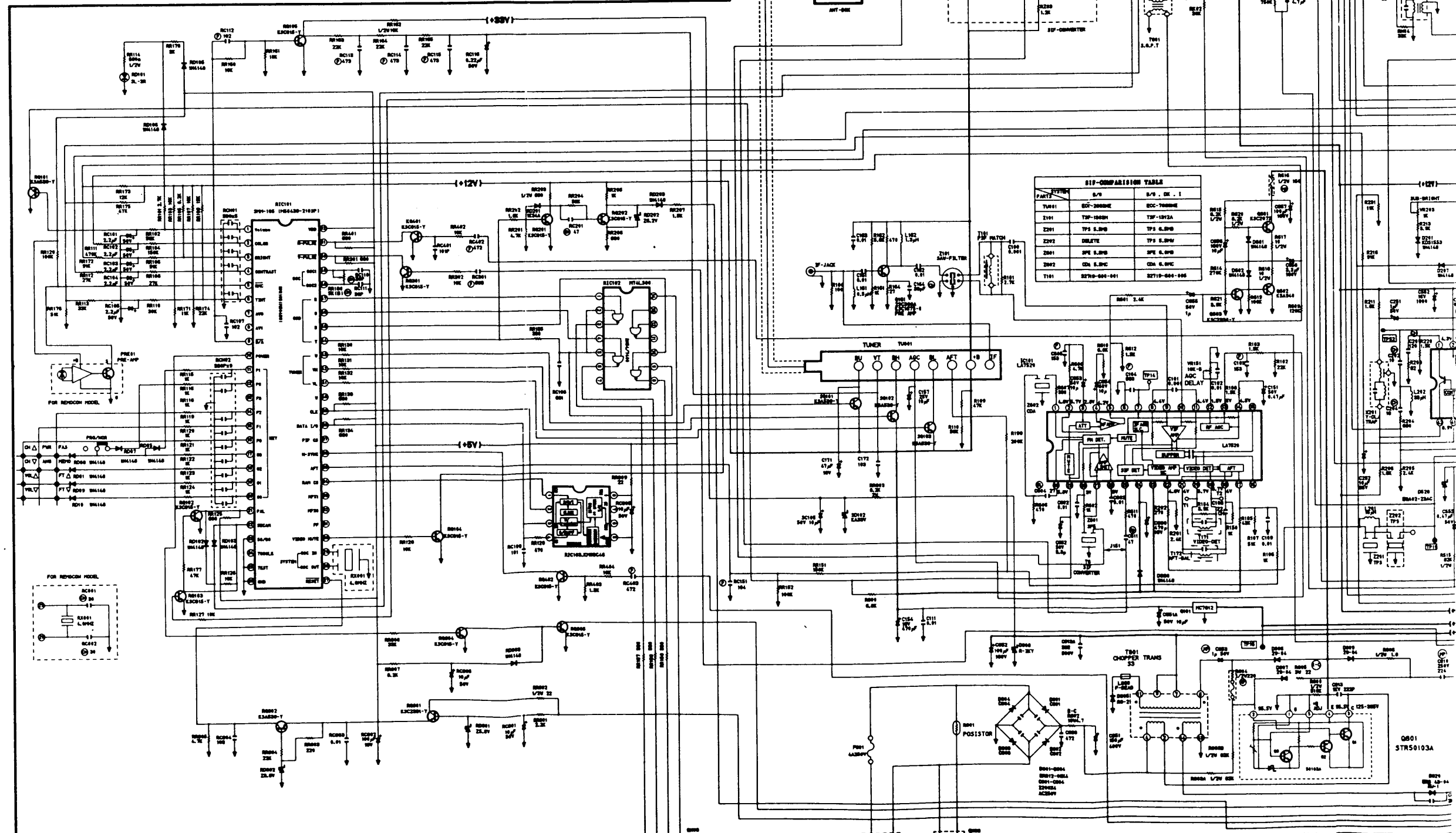
EXPRESSION

- 1 Resistance is shown ohm K=1,000 M=1,000,000.
- 2 Unless otherwise noted in schematic, all capacitor than 1 are expressed in mfd, the values more than 1
- 3 Unless otherwise noted in schematic all inductor ressed in uH, and the values less than 1 in mH.

NOTE

The circuits are subject to change without notice the quality

PWB-MAIN



**SIP-COMPARISON TABLE**

PART	TYPE	S/S	S/S DE-1
TUN01	80C-2000DE	80C-2000DE	
Z141	TP3 6.80K	TP3 6.80K	
Z201	TP3 6.80K	TP3 6.80K	
Z202	DELETE	TP3 6.80K	
Z301	SPE 6.80K	SPE 6.80K	
Z302	CDN 6.80K	CDN 6.80K	
T101	8270-001-001	82710-000-000	

STR50103A

OBSERVATION OF VOLTAGES AND WAVEFORMS

- 1 Voltages read with "VTVM" from point shown to chassis ground, line voltage 220/240V colour bar signal.
- 2 Voltages reading may vary  $\pm 20\%$ .
- 3 The schematic shown is representative only.
- 4 All waveforms are taken using a wide band oscilloscope and a low capacity probe.
- 5 Check FINE TUNING, AGC, BRIGHTNESS, CONTRAST, and COLOUR controls for best picture.
- 6 Waveforms are taken using a standard colour bar signal.

EXPRESSION

- 1 Resistance is shown ohm K=1,000 M=1,000,000.
- 2 Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in mfd, the values more than 1 in pF.
- 3 Unless otherwise noted in schematic all inductor values are expressed in uH, and the values less than 1 in mH.

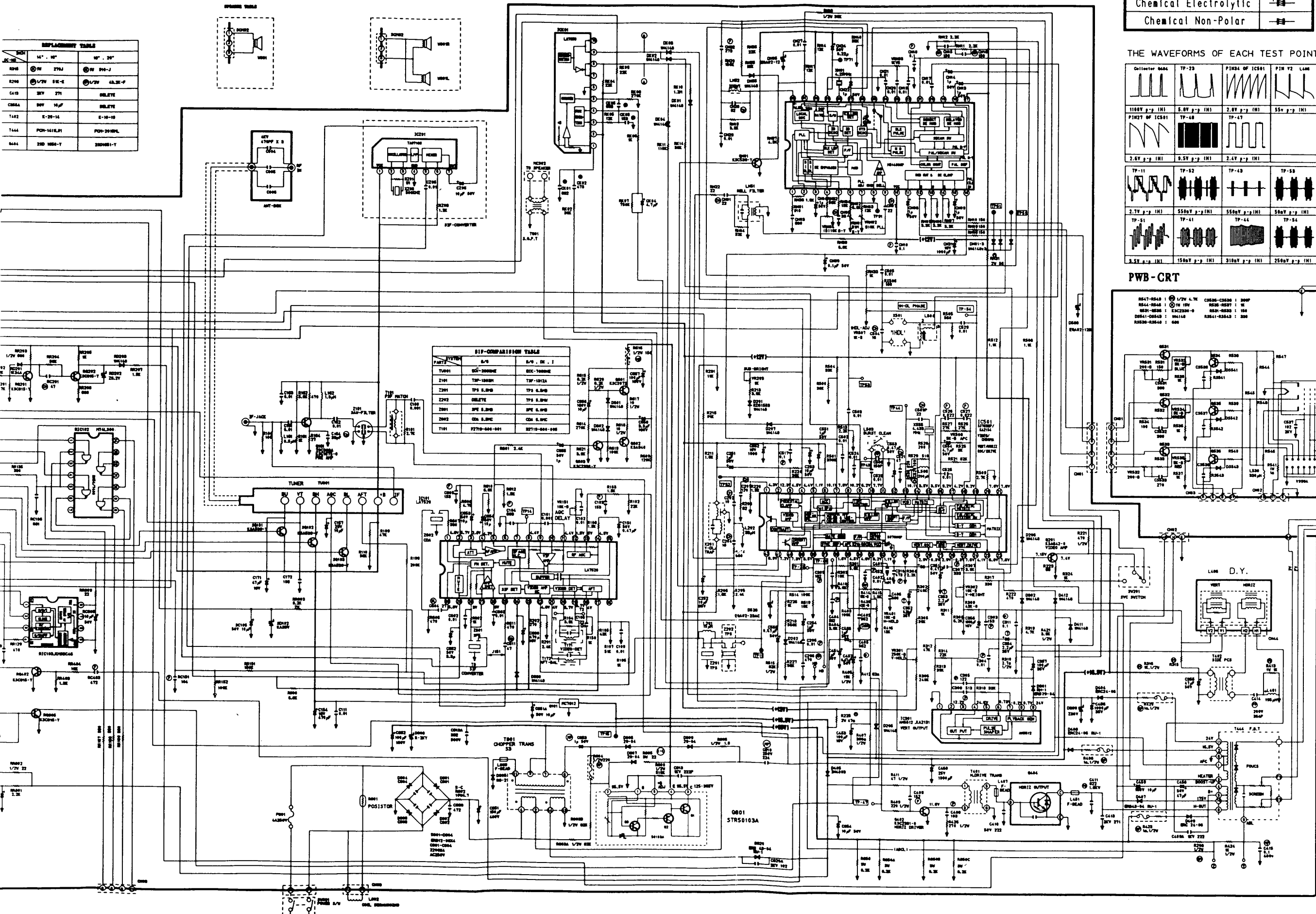
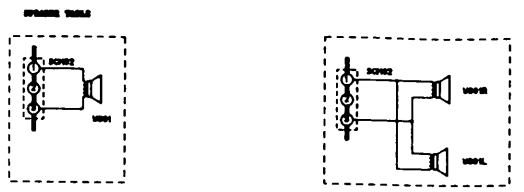
NOTE

The circuits are subject to change without notice to improve the quality

RESISTOR	
TYPE	MARK
Carbon Composition	C
Oxide Metal Film	M
Metal Film	RM
Cement	R-C
Variable Resistor	
Positive Resistor	

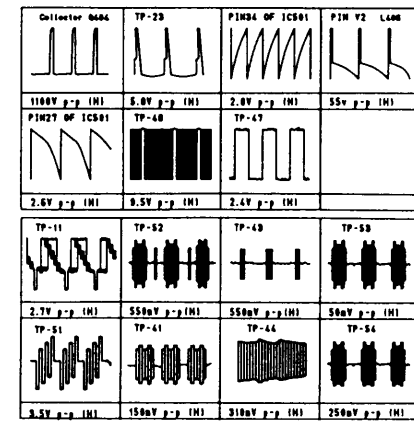
CAPACITOR	
TYPE	MARK
Ceramic	No Mark
Polyester	P
Tantalum	T
Metal Polyester	MP
Polypropylene	P.P
Polyester Polypro	DSR
Chemical Electrolytic	
Chemical Non-Polar	

REPLACEMENT TABLE		
REF	4" - 10"	10" - 20"
R208	1W 270K	1W 270K
R209	1/2W 5K-6	1/2W 4.7K-5
C419	5KV 271	5KV 271
C58A	5KV 10 $\mu$ F	5KV 10 $\mu$ F
T422	E-20-14	E-20-14
T444	PCB-141L01	PCB-2050L
B444	2SD 185A-Y	2SD1851-Y



DIP-COMPARISON TABLE			
PARTS	4-PIN	5-PIN	6-PIN
T401	EC-20080E	EC-20080E	
Z101	TP-1002A	TP-1002A	
Z102	TP-6.800	TP-6.800	
Z103	DELETE	DELETE	
Z104	SPE 6.800	SPE 6.800	
Z105	CM 6.800	CM 6.800	
T101	2270-000-001	2270-000-000	

THE WAVEFORMS OF EACH TEST POINT



PWB-CRT

