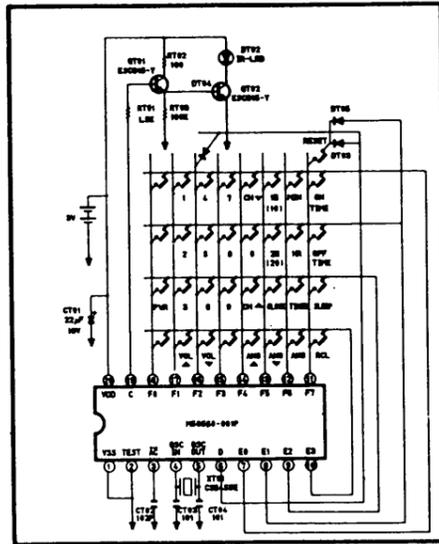


PWB-TRASMITTER



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

**EQUIVALENT PARTS TABLE**

STANDARD	REPLACEMENT
25C815-0.Y	E5C815-0.Y
25A1815-0.Y	E5A815-0.Y
25C2128-0.Y	E5C2128-0.Y
25C2228-0.Y	E5C2228-0.Y
25C2482 (FA-1)	E5C2482-0
25C5827H-0	E5A842-0
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
S37A769AP	KA2154
LATS28	KA219
MT812	MC7812
TAT600P	KA2154
EDA 82-86A	RD 5.0E82
EDA 82-86D	RD 6.2 E82
23C 2873	ESC 2873
23A 848	KSA 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
643	5W 27K	5W 10K
686A	5W 10K	5W 10K
747	1/2W 10K	1/2W 10K
744	1/2W 10K	1/2W 10K
844	2W 10K-Y	2W 10K-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.

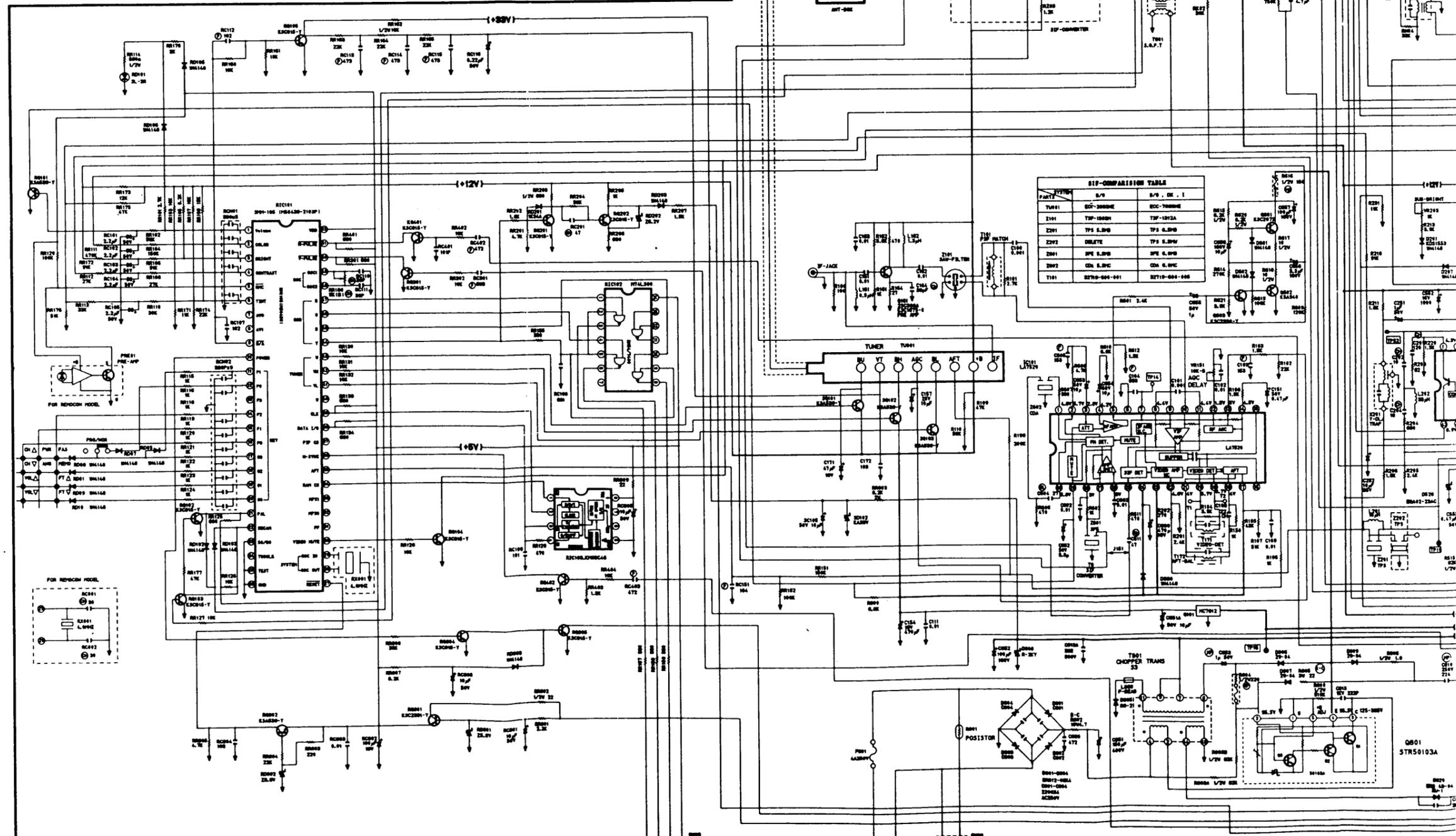
EXPRESSION

- 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-20000E	80C-20000E	
Z141	TPF-1000H	TPF-1000H	
Z201	TPS 6.0W	TPS 6.0W	
Z202	DELETE	TPS 6.0W	
Z301	SPE 6.0W	SPE 6.0W	
Z302	CSA 6.0W	CSA 6.0W	
T101	8270-001-001	8270-000-000	

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	
IC101 1/2W 270K	IC102 1/2W 270K
IC103 1/2W 270K	IC104 1/2W 270K
IC105 1/2W 270K	IC106 1/2W 270K
IC107 1/2W 270K	IC108 1/2W 270K
IC109 1/2W 270K	IC110 1/2W 270K
IC111 1/2W 270K	IC112 1/2W 270K
IC113 1/2W 270K	IC114 1/2W 270K
IC115 1/2W 270K	IC116 1/2W 270K
IC117 1/2W 270K	IC118 1/2W 270K
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IC121 1/2W 270K	IC122 1/2W 270K
IC123 1/2W 270K	IC124 1/2W 270K
IC125 1/2W 270K	IC126 1/2W 270K
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