

RECOMMENDABLE STANDARD 6-TRANSISTOR RADIO

Frequency Range: 535-1605Kc

Sensitivity: 100 μ V/m

Output: 100MW at 6 V or
200MW at 9 V power supply

Vc Trackingless Variable capacitor, Ant. section 150 pF
Osc. section 20 pF

ANT. COIL 30r Antenna Coil, inductance 600 μ H

OSC. COIL Oscillator Coil, inductance 300 μ H (O) RED

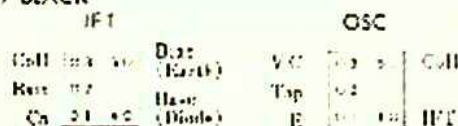
IFT₁ 50K Ω :1K Ω , 455KC (A) YELLOW

IFT₂ 30K Ω :500 Ω , 455KC (B) WHITE

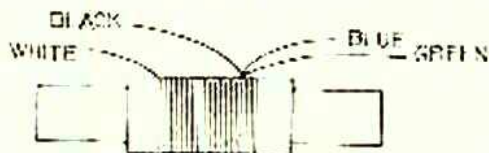
IFT₃ 20K Ω :5K Ω , 455KC (C) BLACK

C ₁ 5pF	C ₁₁ 0.02 μ F
C ₂ 50 μ F/10WV	C ₁₂ 0.04 μ F
C ₃ 0.01 μ F	C ₁₃ 0.01 μ F
C ₄ 0.005 μ F	C ₁₄ 0.01 μ F
C ₅ IFT built-in	C ₁₅ 10 μ F/6WV
C ₆ 3-5pF (di)	C ₁₆ 70 μ F/6WV
C ₇ 50 μ F/6WV	C ₁₇ 0.002 μ F
C ₈ 0.05 μ F	C ₁₈ 0.05 μ F
	C ₂₆ 50 μ F/10WV

R ₂ 6.8K Ω	R ₁₁ 5.6K Ω
R ₃ 5.6K Ω	R ₁₂ 1K Ω
R ₄ 470 Ω	R ₁₃ 220 Ω
R ₅ 5.6K Ω	R ₁₄ 220 Ω
R ₆ 1K Ω	R ₁₅ 1022A
R ₁₀ 1K Ω	R ₁₆ 10 Ω
R ₁₁ 5K Ω VR	



(BOTTOM VIEW)



FUNCTION	TOSHIBA	TEC	NEC	HITACHI	ROCA	GE	PHILIPS	RAYTHEON	SYLVANIA
Osc, Conv	2SA67	2SA30	2SA160	2SA15	2N409	2N136	OC44	2N113	2N429
I.F. Amp	2SA49	2SA31	2SA55	2SA12	2N140	2N135	OC45	2N799	2N140
I.F. Amp	2SA63	2SA31	2SA55	2SA12	2N139	2N135	OC45	2N413	2N139
Driver	2SB37	2SB37	2SB117	2SB75	2N403	2N150	OC70	2N360	2N405
Output	2SB56	2SB33	2SB117	2SB77	2N217	2N188A	OC72	2N637	2N217

	6 V	9 V
R ₁	77K Ω	22K Ω
R ₂	2.2K Ω	3.3K Ω
R ₃	82K Ω	120K Ω
R ₄	77K Ω	33K Ω
R ₁₁	77K Ω	33K Ω
R ₁₆	3.9K Ω	5.6K Ω
T ₁	15K Ω CT VC	15K Ω CT VC
T ₂	450 Ω CT VC	450 Ω CT VC