

PARTS LIST FOR 5 WATT TRANSMITTER

Resistors (1/4 Watt unless specified)

		Color code
R1	10KOhms -	brown black orange
R2	15K	brown green orange
R3	10k	brown black orange
R4	100K potentiometer	
R5	500 Ohm potentiometer	
R6,R7,R8	68K	blue gray orange
R9	150 Ohms	brown green brown
R10	22K	red red orange
R11	1K	brown black red
R12	110 Ohms 1 wattt	brown brown brown
R13	56 Ohms	green blue black

Capacitors (16 or 25 volt min. rating)

C1	.005 or .0047 mfd disc	
C2	1 uf electrolytic	
C3,	33pf - 47 pf ceramic disc (NPO)	
C4, C8	12 pF disc (NPO type)	
C5	3-30 variable trimmer	green plastic
C6, C16	22 or 47 uf electrolytic	
C7, C13	.1 uF disc	
C9, C10	9-50 trimmer	orange or green ceramic
C11,C12	10-100 trimmer	black plastic
C14, C15	1000 or 2000pf (.001mfd or .002 mfd)	

Inductors: (#20 tinned, solid bus wire, 1/4" I.D.)

L1	6 turns tapped at 2 1/2 turns
L2	5 turns tapped at center
L3	4 turns
L4	2 1/2 turns
L5	4 1/2 turns
(All turns are spaced one wire diameter apart)	
L6	1uh inductor

Semiconductors

D1	1N4739 9.1 volt zener diode
D2	MV2113 varicap tuning diode
Q1	2N4416 Field Effect Transistor
Q2	2N3866 or 2N4427 (NPN)
Q3	2SC1971 RFpower (NPN)

Top Hat Heatsink for 2N4427 or 2N3866, thermal pad for Q3, SO-239 socket, 1/8 " mini jack & plug, wire & such.