

## RF1100 PCB Parts List

PC Board		Component Recognized; Rated 94V-0
Integrated Circuit	U1	Microchip #PIC16LV54A Microcontroller
Integrated Circuit	U2	AMI #FS11009; Marked DSI24370
Transistor	Q1	MMBTH10; Silicon, NPN
Transistor	Q2	BFR183; Silicon, NPN
Diode	D1, 2	Type 4153; Silicon, 0.1A, 50V
Resonator	X1	800 KHz, 0.5%
Resonator	Y1	304 MHz, +/- 50 KHz
Coil	L2	39 nH, 20%
Coil	L3	47 nH, 10%
Coil	L4	100 Nh, 10%
Capacitor	C1, 2	Ceramic Chip, 33pF, 50V
Capacitor	C3, 4, 5	Ceramic Chip, 0.1 $\mu$ F, 50V
Capacitor	C6, 15, 18	Ceramic Chip, 47pF, 50V
Capacitor	C7, 9	Ceramic Chip, 12pF, 50V
Capacitor	C8	Ceramic Chip, 470pF, 50V
Capacitor	C10	Ceramic Chip, 6.8pF, 50V
Capacitor	C11	Ceramic Chip, 1pF, 50V
Capacitor	C12	Ceramic Chip, 2200pF, 50V
Capacitor	C13	Ceramic Chip, 4.7pF, 50V
Capacitor	C14	Ceramic Chip, 0.022 $\mu$ F, 50V
Resistor	R1	Thick film, 1/10W, 200K, 5%
Resistor	R2, 4	Thick film, 1/10W, 6.8K, 5%
Resistor	R3	Thick film, 1/10W, 100 ohms, 5%
Resistor	R5, 9, 11, 12, 16	Thick film, 1/10W, 100K, 5%
Resistor	R6	Thick film, 1/10W, 10 ohms, 5%
Resistor	R7, 17	Thick film, 1/10W, 1K, 5%
Resistor	R8	Thick film, 1/10W, 4.7M, 5%
Resistor	R10	Thick film, 1/10W, 2.2K, 5%
Resistor	R13	Thick film, 1/10W, 200K, 5%
Resistor	R14	Thick film, 1/10W, 6.2M, 5%
Resistor	R15	Thick film, 1/10W, 330 ohms, 5%