





## Freq-Mite BOM

Qty	Components	Description	Designation
<i>Capacitors</i>			
3	22p	Ceramic Disk 22	C2,C3, input
2	0.01 uF	Ceramic Monolithic 103	coupling, bypass
1	.1 uF	Ceramic Monolithic 104	C1
<i>Resistors</i>			
1	1k	1/4W Brown Black Red	R2
1	1.5k	1/4W Brown Green Red	R3
2	100k	1/4W Brown Black Yellow	R1, R4
1	100k	Resistor Network	R6
<i>Semiconductors</i>			
1	16C622A	Pre programmed PIC	U1
1	78L05	Voltage Regulator IC (TO-92)	U2
2	2N4401	Transistors	Q1, Q2
<i>Other</i>			
1	4.096 MHz	Crystal	
1	Socket	18 pin IC Socket	
1	PCB	Printed Circuit Board "SWL 11/02"	
9	Jumpers	Shorting Jumpers	
1	Header	1-20 pin male header strip (or 2-10 pin strips)	
5	hookup wire	Five 6" lengths (or 1 piece 6" ribbon cable)	
<i>Hardware</i>			
2	Machine Screw	#4-40 1/4" Mounting Screw	
1	L- Bracket	Threaded Mounting Bracket	