

Quantity	RefDes	Value	Mouser Part #
1	J1	DC Jack	163-7620E-E
1	J3	1/4 audio jack	NMJ4HCD2
1	D1	Schottkey Diode	512-1N4447
2	R1, R2	1k	603-MFR-25FRF521K
1	C5	100nf Ceramic	21RZ310-RC
1	C1	330nf Ceramic	810-FK14X7R1H334K
1	U2	8 pin DIP socket	575-11041308410010
1	U1	78L05 voltage regulator	512-LM78L05ACZ
1	D2	5mm LED	696-SLX-LX5093ID
1	J2	6 pin ISP Header	90131-0123
1	C2	1uf Electrolytic	140-REA1R0M2CBK0511P
1	C4	10uf Electrolytic	140-REA100M1HBK0511P
1	C3	100uf Electrolytic	140-REA101M1CBK0611P
2	S1, S2	SPDT sub mini toggle switch	10TC610
4	R3, R4, R5, R6	100K linear potentiometer	317-2080F-100K
1	"+, -"	9v Battery Snap	12BH610-GR
1	U2	ATTINY85 microcontroller	556-ATTINY85-20PU
SUBTOTAL = 22			
	Purpose/Location	Hardware	McMaster-Carr Part #
4	Joins PCB to base: PCB corners	1 Hex Standoffs M3 X 30mm	95947A060
8	Joins PCB to base: PCB corners	M3 X 8mm pan machine screw	92005A118
3	Joins battery clip to PCB: base center holes	2-56 X 3/8 flat machine screw	90273A065
3	Joins battery clip to PCB: base center holes	2-56 3/16 x 1/16 nut	90480A003
4	Base spacer: between bottom screw head and base underside	M3 X 0.5 nut	90695A033
SUBTOTAL = 22			
TOTAL = 44			