

Bill of Materials

Project: McCune Alarm Siren

Date: May 4, 2011

Item	Quantity	Reference designator	Description	Value/Part #	Package	Manufacturer	Manufacturer Part #
1	2	D1,D2	Diode	1N4003	Through-Hole	NTE Electronics	1N4003
2	3	R1,R3,R4	Resistor	10 K Ω , 1/4W, \pm 5%	Through-Hole	Multicomp	std
3	1	R2	Resistor	82 K Ω , 1/4W, \pm 5%	Through-Hole	Multicomp	Std
4	1	R5	Resistor	200 Ω , 1/4W, \pm 5%	Through-Hole	Multicomp	Std
5	1	VR1	Potentiometer	220K Ω 1/4W, \pm 5%	Through-Hole	TE Connectivity	CB10LV224M
6	2	C1,C2	Capacitor	.01uF/25V Ceramic	Surface Mount	AVX	08053C103KAT2A
7	1	C3	Capacitor	10uF/25V Electrolytic	Through-Hole	Multicomp	MCGPR25V106M5X11-RH
8	1	C4	Capacitor	220uF/25V Electrolytic	Through-Hole	Illinois Capacitor	227CKR025M
9	1	S1	Switch	SPST	Surface Mount	Alps	SKQYAAE010
10	2	U1,U2	IC	LM555CN	8-THIC	Fairchild Semiconductor	LM555CN
11	1	Q1	Transistor	TIP41A	Through-Hole	Multicomp	TIP41A
12	1	SPKR	Piezo Buzzer	8 Ω		Multicomp	MCKPI-G3740-3990
13	1		Power Supply	12V		std	Std