

Bill of Materials

ID	Name	Designator	Footprint	Quantity
1	Passive Buzzer	BUZZER1	BUZZER-R6.0-2P-6.5PITCH	1
2	.1uf	C1,C5	CAP-TH_BD5.0-P2.00-D0.8-FD	2
3	10uF	C2,C3,C4,C6,C7,C8	CAP-TH_BD5.0-P2.00-D0.8-FD	6
4	DT10123-M5W3-4F	DSUB1	DB9-TH_DT10123-M5W3-4F	1
5	JMP-2-NO-0603	JMP1	JMP-2-NO-0603	1
6	8550	Q1	TO-92-3_L4.8-W3.7-P2.54-L	1
7	1k	R1,R6,R7,R11,R12,R13	AXIAL10	6
8	10K	R2,R3,R4,R8,R9,R10	AXIAL10	6
9	1K	R5	AXIAL10	1
10	555	U1	DIP8	1
11	74HC14N,652	U2	DIP14	1
12	2Pin Dupont	U3	2PIN DUPONT	1
13	Connector_Dupont_1x8	U4	CONNECTOR DUPONT 1X8	1

-capacitor can be any type ceramic or electrolytic, as long as values are matched.

If using electrolytic watch polarity!

-Test circuit used 1% tol resistors and caps for timing accuracy.