

Resistors:

QTY	Value	Ref.	Mouser Part #
1	100Ω	R3	291-100-RC
1	390Ω	R13	291-390-RC
3	1kΩ	R2, R4, R10	291-1K-RC
1	10kΩ	R5	291-10K-RC

**TOTAL: 6**Capacitors:

QTY	Value	Ref.	Mouser Part #
2	100nF Ceramic	C2, C4	80-C322C104K5R
2	10μF Electrolytic	C1, C3	871-B41827A9106M000
1	100μF Electrolytic	C5	140-RGA101M1EBK0611G

**TOTAL: 5**Diodes:

QTY	Part	Ref.	Mouser Part #
1	5mm Red LED	JP10	604-WP7113ID
1	5mm Green LED	JP3	604-WP7113GD

**TOTAL: 2**Integrated Circuits:

QTY	Part	Ref.	Mouser Part #
1	8-Pin Socket	IC1	649-DILB8P-223TLF
1	14-Pin Socket	IC2	649-DILB14P-223TLF
1	555 Timer	IC1	595-TLC555CP
1	556 Timer	IC2	595-NE556N

**TOTAL: 4**Potentiometers:

QTY	Value	Ref.	Mouser Part #
1	100kΩ Linear	R10	858-P160KN0QC15B100K
1	500kΩ Linear	R12	858-P160KN0QC15B500K
1	10kΩ Audio	R7	858-P231-QC15AR10K
3	100kΩ Audio	R6, R8, R9	858-P160KN0QC15A100K
1	500kΩ Audio	R11	858-P160KN0QC15A500K

**TOTAL: 7**Switches:

QTY	Part	Ref.	Mouser Part #
3	SPST	Power, JP12, JP18	Various Suppliers

**TOTAL: 3**

Jacks/Connectors:

QTY	Part	Ref.	Mouser Part #
4	¼" Mono	See Instructions	550-10021
1	9V Battery Clip	9V Battery	12BC312-GR

**TOTAL: 5**

Other:

QTY	Part	Ref.	Mouser Part #
1	Vactrol	vactrol	Various Suppliers
1	5ft. Wire	Wire	Various Suppliers
7	Knob		Various Suppliers
1	PCB	PCB	Synthrotek

**TOTAL: 10**