

Resistors:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
1	47Ω	R1	291-47-RC	<input type="checkbox"/>
1	560Ω	R9	291-560-RC	<input type="checkbox"/>
3	1kΩ	R4, R5, R10	291-1K-RC	<input type="checkbox"/>
1	1.5kΩ	R11	291-1.5K-RC	<input type="checkbox"/>
1	10kΩ	R13	291-10K-RC	<input type="checkbox"/>
2	100kΩ	R2, R3	291-100K-RC	<input type="checkbox"/>
4	1MΩ	R6, R7, R8, R12	291-1M-RC	<input type="checkbox"/>

TOTAL: 13

Capacitors:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
1	30pF Ceramic	C6	581-SR151A300JAR	<input type="checkbox"/>
1	100pF Ceramic	C9	140-50S5-101J-RC	<input type="checkbox"/>
1	1nF Ceramic	C5	140-50P2-102K-RC	<input type="checkbox"/>
1	2.2nF Ceramic	C12	140-50Z5-222M-RC	<input type="checkbox"/>
1	3.3nF Ceramic	C11	810-FK24C0G2A332J	<input type="checkbox"/>
1	22nF Ceramic	C4	140-50Q5-223Z-RC	<input type="checkbox"/>
1	47nF Ceramic	C3	810-FK28X7R1H473K	<input type="checkbox"/>
1	1μF Electrolytic	C13	667-EEU-HD1H1R0	<input type="checkbox"/>
1	2.2μF Electrolytic	C8	647-UVR1H2R2MDD	<input type="checkbox"/>
2	4.7μF Electrolytic	C7, C10	667-EEU-HD1H4R7	<input type="checkbox"/>
1	47μF Electrolytic	C2	667-ECE-A1CKS470	<input type="checkbox"/>
1	100μF Electrolytic	C1	140-RGA101M1EBK0611G	<input type="checkbox"/>

TOTAL: 13

Diodes:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	1N4002	D1	863-1N4002G	<input type="checkbox"/>
2	1N4148	D3, D4	512-1N4148	<input type="checkbox"/>
2	Germanium Diode	D5, D6	Various Suppliers	<input type="checkbox"/>
1	Red LED	LED	604-WP7113ID	<input type="checkbox"/>

TOTAL: 9

Transistors/Voltage Regulators:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	2N5458	Q1	Various Suppliers	<input type="checkbox"/>

TOTAL: 1

Integrated Circuits:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	8-Pin Socket	IC1	649-DILB8P-223TLF	<input type="checkbox"/>
1	LM308	IC1	Various Suppliers	<input type="checkbox"/>

TOTAL: 2

Wired RAT Clone BOM

Updated: 3/11/2014

Potentiometers:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
1	1k Ω Linear	R-Tone	858-P160KN0QD15B1K	<input type="checkbox"/>
3	100k Ω Audio	Drive, Filter, Volume	858-P160KN0QC15A100K	<input type="checkbox"/>

TOTAL: 4

Switches:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	3PDT Stomp	SW1	Various Suppliers	<input type="checkbox"/>
1	4x SPST DIP	SW2	774-1954MST	<input type="checkbox"/>

TOTAL: 2

Jacks/Connectors:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	1/4" Mono	Out	550-10021	<input type="checkbox"/>
1	1/4" Stereo	In	568-NYS212	<input type="checkbox"/>
1	DC Jack	DC Jack	Various Suppliers	<input type="checkbox"/>
1	9V Battery Clip	9V Battery	12BC312-GR	<input type="checkbox"/>

TOTAL: 4

Other:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	5ft. Wire	Wire	Various Suppliers	<input type="checkbox"/>
1	PCB	PCB	Synthrotek	<input type="checkbox"/>

TOTAL: 1