

Resistors:

QTY	Value	Ref.	Mouser Part #
1	47Ω	R2	291-47-RC
1	100Ω	RX2	291-100-RC
1	560Ω	R9	291-560-RC
2	1kΩ	R1, R10	291-1K-RC
1	1.5kΩ	R12	291-1.5K-RC
1	10kΩ	R13	291-1.5K-RC
2	100kΩ	R3, R4	291-100K-RC
4	1MΩ	R6, R7, R8, R11	291-1M-RC

Total: 13Capacitors:

QTY	Value	Ref.	Mouser Part #
1	30pF Ceramic	C6	581-SR151A300JAR
1	100pF Ceramic	C9	140-50S5-101J-RC
1	1nF Ceramic	C5	140-50P2-102K-RC
1	2.2nF Ceramic	C12	140-50Z5-222M-RC
1	3.3nF Ceramic	C11	810-FK24C0G2A332J
1	22nF Ceramic	C4	140-50Q5-223Z-RC
1	47nF Ceramic	C3	810-FK28X7R1H473K
1	1μF Electrolytic	C13	667-EEU-HD1H1R0
1	2.2μF Electrolytic	C8	647-UVR1H2R2MDD
2	4.7μF Electrolytic	C7, C10	667-EEU-HD1H4R7
1	47μF Electrolytic	C2	667-ECE-A1CK5470
1	100μF Electrolytic	C1	140-RGA101M1EBK0611 G

Total: 13Diodes:

QTY	Part	Ref.	Mouser Part #
1	5mm Red LED	LED1	604-WP7113ID
2	Germanium Diodes	D5, D6	526-1N34A
4	1N4148	D1, D2, D3, D4	512-1N4148

Total: 7Transistors/Voltage Regulators:

QTY	Part	Ref.	Mouser Part #
1	2N5458 JFet	Q1	610-2N5458

Total: 1

Integrated Circuits:

QTY	Part	Ref.	Mouser Part #
1	LM308N	U1	Various Suppliers
1	8-Pin Socket	U1	649-DILB8P-223TLF

Total: 2

Potentiometers:

QTY	Value	Ref.	Mouser Part #
1	20kΩ 16mm Knurled	VR2	Various Suppliers
1	100kΩ 16mm Knurled	VR4	Various Suppliers
2	100kΩ 16mm Knurled	VR1, VR3	Various Suppliers

Total: 4

Switches:

QTY	Part	Ref.	Mouser Part #
1	4x SPST DIP (push on pins 1 and 2)	SW2	774-2084
1	3PDT Switch	SW1	Various Suppliers

Total: 2

Jacks/Connectors:

QTY	Part	Ref.	Mouser Part #
1	¼" Solder Lug Mono Jack	J3	550-10021
1	¼" Solder Lug Stereo Jack	J2	568-NYS212
1	9V Battery Clip	9V Battery	12BC312-GR
1	2.1mm DC Jack	J1	163-7620E-E
1	Metal LED Bezel w/ plastic insert		Various Suppliers

Total: 5

Other:

QTY	Part	Ref.	Mouser Part #
1	5ft. Wire		Various Suppliers
3	NO POP	RX1, RX3, RX4	
4	Pot Nuts		Various Suppliers
4	Pot Washers		Various Suppliers
4	White Knobs		Various Suppliers
1	Drilled Case (optional)		Synthrotek
1	PCB	PCB	Synthrotek

Total: 18