

Resistors:

QTY	Value	Ref.	Mouser Part #
2	1Ω	R3, R4	291-1.0-RC
1	22Ω	R11	291-22-RC
2	220Ω	R37, R38	291-220-RC
2	390Ω	R34, R44	291-390-RC
2	1kΩ	R10, R25	291-1K-RC
5	2kΩ	R12, R26, R27, R28, R42	291-2K-RC
1	8.2kΩ	R31	291-8.2K-RC
5	10kΩ	R5, R8, R9, R18, R29	291-10K-RC
1	12kΩ	R39	291-12K-RC
3	15kΩ	R20, R24, R36	291-15K-RC
2	27kΩ	R13, R17	291-27K-RC
2	33kΩ	R40, R41	291-33K-RC
2	39kΩ	R14, R35	291-39K-RC
1	68kΩ	R1	291-68K-RC
3	100kΩ	R6, R7, R15	291-100K-RC
1	130kΩ	R16	291-130K-RC
3	470kΩ	R19, R30, R33	291-470K-RC
1	510KΩ	R21	291-510K-RC
1	1MΩ	R22	291-1M-RC
1	1.5MΩ	R23	291-1.5M-RC
3	NO POP	R2, R45, R46	

Total: 41

Diodes:

QTY	Part	Ref.	Mouser Part #
8	1N4148	D1, D2, D3, D4, D5, D6, D7, D8	512-1N4148
1	3mm Red LED	LED2	604-WP710A10ID
1	NO POP	D9	

Total: 10

Capacitors:

QTY	Value	Ref.	Mouser Part #
1	22pF Ceramic	C14	140-50N5-220J-RC
1	100pF Ceramic	C12	140-50S5-101J-RC
1	4.7nF Ceramic	C11	140-50Z5-472M-RC
1	10nF Ceramic	C15	594-D103Z25Z5VF63L6R
3	100nF Ceramic	C3, C4, C8	594-K104K15X7RF53L2
2	220nF Ceramic	C6, C10	810-FK28X5R1E224K
1	10μF Ceramic	C9	810-FK24X5R1C106K
1	2.2μF Electrolytic	C5	647-UVR1H2R2MDD
1	4.7μF Electrolytic	C7	667-EEU-HD1H4R7
2	10μF Electrolytic	C1, C2	667-ECE-A1CKA100

Total: 13

Transistors:

QTY	Part	Ref.	Mouser Part #
1	2N3904	Q2	512-2N3904BU
3	2N3906	Q1, Q3, Q4	610-2N3906

Total: 4Integrated Circuits:

QTY	Part	Ref.	Mouser Part #
1	LM13700D	U4	Various Suppliers
3	LM324N	U1, U3, U5	512-LM324N
3	14-Pin DIP Socket	U1, U3, U5	649-DILB14P-223TLF
1	16-Pin DIP Socket	U4	649-DILB16P-223TLF

Total: 8Potentiometers:

QTY	Value	Ref.	Mouser Part #
1	1kB Linear Trim Pot	R32	858-25PR1KLF
1	100Ω Linear Multi-Turn Trim Pot	R43	652-3296W-1-101LF
1	50kA Audio Vertical Mount	R6	Various Suppliers
4	50kB Linear Vertical Mount	R1, R2, R4, R5	Various Suppliers
2	500kB Linear Vertical Mount	R3, R7	Various Suppliers
7	Nylon potentiometer spacer		Synthrotek

Total: 16Switches:

QTY	Part	Ref.	Mouser Part #
1	SPDT On-Off-On	SW1	Various Suppliers

Total: 1Jacks/Connectors:

QTY	Part	Ref.	Mouser Part #
4	5-pin Female Header	J4, J5, J6, J7	Various Suppliers
4	5-pin Male Header	J4, J5, J6, J7	Various Suppliers
1	10-pin Keyed Shrouded Header	J1	649-69155-150
3	3.5mm Vertical Mount Mono Jack	J1, J2, J3	PJ301BM (from Synthrotek, Erthenvar, Thonk, etc.)

Total: 12Other:

QTY	Part	Ref.	Mouser Part #
1	10 to 16 Pin Power Cable		Various Suppliers
7	White Knobs		Various Suppliers
2	2.5mm Screws		Various Suppliers
2	3.0mm Screws		Various Suppliers
1	11mm standoff		Various Suppliers
2	Standoff screw		Various Suppliers
1	Panel	Panel	Synthrotek
2	PCB	PCB	Synthrotek

Total: 18