

Resistors:

QTY	Value	Ref.	Mouser Part #
2	470Ω	R20, R22	291-470-RC
1	820Ω	R4	291-820-RC
7	1kΩ	R3, R6, R8, R11, R18, R19, R24	291-1k-RC
1	2kΩ	R13	291-2k-RC
1	20kΩ	R15	291-20k-RC
1	27kΩ	R12	291-27k-RC
1	47kΩ	R10	291-47k-RC
5	100kΩ	R7, R14, R16, R17, R23	291-100k-RC
3	270kΩ	R1, R9, R21	291-270k-RC
1	1.5MΩ	R2	291-1.5M-RC
1	10MΩ	R5	291-10M-RC

TOTAL: 24Diodes:

QTY	Part	Ref.	Mouser Part #
1	1N5237 Zener Diode (8.2v)	D1	78-1N5237B
6	1N4148 Diode	D2, D3, D5, D6, D7, D8	512-1N4148
1	SD103C	D4	625-SD103C

TOTAL: 8Capacitors:

QTY	Value	Ref.	Mouser Part #
1	1nF Ceramic	C3	140-50P2-102K-RC
2	10nF Ceramic	C5, C8	594-D103Z25Z5VF63L6 R
6	100nF Ceramic	C1, C4, C6, C7, C10, C12	140-50V5-104Z-RC
1	470nF Ceramic	C2	810-FK22X7R2E474K
1	470nF Kemet	C9	80-R82DC3470AA60K
2	10μF Electrolytic	C11, C13	871-B41827A9106M000

TOTAL: 13Transistors/Voltage Regulators:

QTY	Part	Ref.	Mouser Part #
1	J175 JFET Transistor	Q1	512-J175D26Z

TOTAL: 1Integrated Circuits:

QTY	Part	Ref.	Mouser Part #
2	14 Pin DIP Socket	U1, U2	649-DILB14P-223TLF
2	TL074P Op Amp	U1, U2	595-TL074CN

TOTAL: 4

Potentiometers:

QTY	Value	Ref.	Mouser Part #
1	500kΩ Linear Trim Pot	RT1	Various Suppliers
3	50kΩ Linear Trim Pot	RT2, RT3, RT4	Various Suppliers

TOTAL: 4Switches:

QTY	Part	Ref.	Mouser Part #
1	SPDT (on-on) Switch	SW1	Various Suppliers

TOTAL: 1Jacks/Connectors:

QTY	Part	Ref.	Mouser Part #
6	3.5mm Side Mount Jack	J1, J2, J3, J4, J5, J7	502-35RAPC2AV
1	16 Pin Shrouded Male Header	J6	517-30316-6002

TOTAL: 7Other:

QTY	Part	Ref.	Mouser Part #
2	2.5mm Machine Screws		Various Suppliers
2	3.0mm Machine Screws		Various Suppliers
1	16 Pin Power Cable		Various Suppliers
6	3.5mm Audio Jack Nut		Various Suppliers
1	Panel	Panel	Synthrotek
1	PCB	PCB	Synthrotek

TOTAL: 13