

Resistors:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
1	470Ω	R5	291-470-RC	<input type="checkbox"/>
3	1kΩ	R6, R12, R13	291-1K-RC	<input type="checkbox"/>
1	2.2kΩ	R9	291-2.2K-RC	<input type="checkbox"/>
1	10kΩ	R11	291-2.2K-RC	<input type="checkbox"/>
1	27kΩ	R1	291-27K-RC	<input type="checkbox"/>
6	47kΩ	R7, R8, R14*, R15*, R16*, R17*	291-47K-RC	<input type="checkbox"/>
2	100kΩ	R4, R10	291-100K-RC	<input type="checkbox"/>
2	390kΩ	R2, R3	291-390K-RC	<input type="checkbox"/>

TOTAL: 17

Diodes:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	Green LED	LED1	604-WP710A10GD	<input type="checkbox"/>
1	Red LED	LED2	604-WP710A10ID	<input type="checkbox"/>
4	1N4148	D1, D2, D3, D4	512-1N4148	<input type="checkbox"/>

TOTAL: 6

Capacitors:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
2	100nF Ceramic	C2, C3	140-50V5-104Z-RC	<input type="checkbox"/>
2	10μF Electrolytic	C1, C4	871-B41827A9106M000	<input type="checkbox"/>

TOTAL: 4

Integrated Circuits:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	14-Pin Socket	U1	649-DILB14P-223TLF	<input type="checkbox"/>
1	TL074 OpAmp	U1	595-TL074CN	<input type="checkbox"/>

TOTAL: 2

Potentiometers:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
5	B100k Vertical-Mount	VR1, VR2, VR3, VR4, VR5	Various Suppliers	<input type="checkbox"/>

TOTAL: 5

Switches:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
4	SPDT-ON-ON	SW1, SW2, SW3, SW4	Various Suppliers	<input type="checkbox"/>

TOTAL: 4

Jacks/Connectors:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	2-Pin Header	HDR1	571-826936-2	<input type="checkbox"/>
2	5-Pin Female Header	J3, J10	Various Suppliers	<input type="checkbox"/>
2	5-Pin Male Header	J1, J2	Various Suppliers	<input type="checkbox"/>
6	3.5mm Vertical Mount Mono Jack	J4, J5, J6, J7, J8, J9	PJ301BM (from Synthrotek, Erthenvar, Think, etc.)	<input type="checkbox"/>

TOTAL: 11

Other:

QTY	Part	Ref.	Mouser Part #	
2	2.5mm Screws		Various Suppliers	<input type="checkbox"/>
2	3mm Screws		Various Suppliers	<input type="checkbox"/>
4	11mm Standoff		Various Suppliers	<input type="checkbox"/>
8	Standoff Screw		Various Suppliers	<input type="checkbox"/>
1	16-Pin Power Cable		Various Suppliers	<input type="checkbox"/>
5	Black Knobs		Various Suppliers	<input type="checkbox"/>
6	3.5mm Jack Nuts		Various Suppliers	<input type="checkbox"/>
5	Potentiometer Nuts		Various Suppliers	<input type="checkbox"/>
1	Panel		Synthrotek	<input type="checkbox"/>
1	PCB		Synthrotek	<input type="checkbox"/>
1	16-Pin Shrouded Header	J100	Various Suppliers	<input type="checkbox"/>

TOTAL: 36

*These resistors are populated on the control board (the PCB that the jacks and pots mount to).