

Resistors:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
4	1k Ω	R15, R18, R23, R25	291-1K-RC	<input type="checkbox"/>
1	2k Ω	R1	291-2K-RC	<input type="checkbox"/>
1	2.2k Ω	R16	291-2.2K-RC	<input type="checkbox"/>
2	4.7k Ω	R17, R24	291-4.7K-RC	<input type="checkbox"/>
4	10k Ω	R2, R8, R13, R21	291-10K-RC	<input type="checkbox"/>
1	11k Ω	R19	291-11K-RC	<input type="checkbox"/>
1	20k Ω	R5	291-20K-RC	<input type="checkbox"/>
2	39k Ω	R7, R10	291-39K-RC	<input type="checkbox"/>
2	100k Ω	R3, R11	291-100K-RC	<input type="checkbox"/>
2	120k Ω	R6, R14	291-120K-RC	<input type="checkbox"/>
1	200k Ω	R22	291-200K-RC	<input type="checkbox"/>
1	270k Ω	R4	291-270K-RC	<input type="checkbox"/>
1	680k Ω	R12	291-680K-RC	<input type="checkbox"/>
1	2M Ω	R20	291-2M-RC	<input type="checkbox"/>
1	4.7M Ω	R9	291-4.7M-RC	<input type="checkbox"/>

TOTAL: 25

Diodes:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
6	1N4148	D1, D2, D3, D4, D5, D6	512-1N4148	<input type="checkbox"/>
1	3mm Red	LED1	604-WP710A10ID	<input type="checkbox"/>
1	3mm Green	LED2	604-WP710A10GD	<input type="checkbox"/>

TOTAL: 8

Capacitors:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
1	100pF Ceramic	C1	140-50S5-101J-RC	<input type="checkbox"/>
1	10nF Ceramic	C2	594-D103Z25Z5VF63L6R	<input type="checkbox"/>
2	100nF Ceramic	C3, C6	140-50V5-104Z-RC	<input type="checkbox"/>
2	10uF Electrolytic	C4, C5	871-B41827A9106M000	<input type="checkbox"/>

TOTAL: 6

Transistors/Voltage Regulators:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
3	2N3904	Q1, Q4, Q5	512-2N3904BU	<input type="checkbox"/>
2	2N3906	Q2, Q3	610-2N3906	<input type="checkbox"/>

TOTAL: 5

Integrated Circuits:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	16-Pin DIP Socket	U2	649-DILB16P-223TLF	<input type="checkbox"/>
1	14-Pin DIP Socket	U1	649-DILB14P-223TLF	<input type="checkbox"/>
1	LM13700	U2	513-NJM13700D	<input type="checkbox"/>
1	TL074	U1	595-TL074CN	<input type="checkbox"/>

TOTAL: 4

Potentiometers:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
2	B100kΩ Side Mount	VR1, VR3	Various Suppliers	<input type="checkbox"/>
1	B500kΩ Side Mount	VR2	Various Suppliers	<input type="checkbox"/>

TOTAL: 3

Jacks/Connectors:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	16-Pin Shrouded Header	J5	517-30316-6002	<input type="checkbox"/>
4	3.5mm Side Mount Mono Jack	J1, J2, J3, J4	502-35RAPC2AV	<input type="checkbox"/>

TOTAL: 5

Other:

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

TOTAL: 17