

Resistors, 1/4W 5%:

QTY	Value	Ref.	Mouser Part #
1	10Ω	R1	CFR-25JB-52-10R

TOTAL: 1

Diodes:

QTY	Value	Ref.	Mouser Part #
1	1N4148	D1	512-1N4148

TOTAL: 1

Capacitors:

QTY	Value	Ref.	Mouser Part #
1	47nF Ceramic	C2	K473K15X7RF53L2
1	100nF Ceramic	C1	K104K15X7RF53L2
3	10μF 25V Electrolytic	C3, C4, C5	ESK106M035AC3AA
1	220μF 25V Electrolytic	C6	RGA221M1CBK0811G

TOTAL: 6

Integrated Circuits:

QTY	Value	Ref.	Mouser Part #
1	8-Pin Socket	U1	571-1-2199298-2
1	LM386N	U1	LM386N-4/NOPB

TOTAL: 2

Potentiometers:

QTY	Value	Ref.	Mouser Part #
1	B1k 16mm	GAIN	P160KN0QD15B1K
1	A10k 16mm	VOLUME	P160KNP-0QC20A10K

TOTAL: 2

Jacks/Connectors:

QTY	Value	Ref.	Mouser Part #
3	2-Pin Screw Clamp Header, 3.5mm (optional)	IN, OUT, POWER	284391-2
2	3-Pin Screw Clamp Header, 3.5mm (optional)	GAIN, VOLUME	284391-3
2	¼" Metal Mono Jack*	IN, OUT	NYS229
2	3.5mm Mono Jack*	IN, OUT	16PJ138
1	2.1mm Wired DC Jack**	POWER	PJ-011A
1	9V Battery Snap Connector**	POWER	12BC312-GR

TOTAL: 11

Switches:

QTY	Value	Ref.	Mouser Part #
1	SPST Mini Toggle	n/a	55TA101A1-B

TOTAL: 1

*The circuit can use 3.5mm or ¼" jacks, or a combination of the two. Only two jacks are needed.

**The circuit can use either a DC jack or a 9V snap connector. Only one is needed.

Other:

QTY	Value
1	PCB
1	Wood screw
1	Nylon spacer
1	8Ω 2W Speaker
	7 Feet 26AWG Wire