

LoFi Audio Amp BOM

Updated: 06-17-2013

QTY	Part	Reference	Mouser Part #
1	10Ω Resistor	R1	291-10-RC
1	47nF Ceramic Capacitor	C4	810-FK28X7R1H473K
1	100nF Ceramic Capacitor	C3	140-50V5-104Z-RC
2	10μF Ceramic Capacitor	C1, C2	810-FK24X5R1C106K
1	220μF Electrolytic Capacitor	C5	140-RGA221M1CBK0811G
1	8 Pin Socket	U1	649-DILB8P-223TLF
1	LM386 Op Amp IC	U1	Various Suppliers
1	100kΩA Audio Potentiometer	POT1	858-P160KN0QC15A100K
1	1/4" Stereo Jack	J1	550-20301
1	9v Battery Clip	9V Batt. Jack	12BC312-GR
1	DC Jack	DC Jack	Various Suppliers
1	8Ω Speaker	SPKR	Various Suppliers
1	5ft. Wire	Wire	Various Suppliers
1	Audio Amplifier PCB	PCB	Synthrotek