

Component	Quantity	Price
<b>Main Processor</b>		
Arduino Uno R4	1	\$27.49
Arduino Stackable Header Kit	2	\$3.50
Blackfin Processor	1	\$88.31
<b>Input and Error</b>		
Electret Microphone	4	\$6.24
Op Amp (Set of 8)	1	\$8.54
Pre Amp	4	12.72
<b>Output</b>		
Audio Amplifier Board	2	\$16.98
4 OHM 10 W Speaker	4	\$15.37
<b>Power</b>		
36 W AC Adaptor	1	\$15.99
2-Pack Buck Converter	1	\$5.49
2"x4" Protoboard	1	\$4.59
<b>Passives</b>		
82 nF Capacitor	4	\$0.43
1 $\mu$ F Capacitor	10	\$0.12
0.1 $\mu$ F Capacitor	4	\$0.23
MicroUSB type B	1	\$6.13
3.28 Ft 3.5mm Aux Cord	2	\$4.99
Audio Jack to Pinout Adapter	1	\$7.99
<b>Total</b>		\$225.11