

All Parts for ANC Headphones Catalog									
Part	Model #		Price	Amount	Total Price	Product Link	Datasheet Link	Approved	Delivered
MCU/DSP	PJRC Teensy 4.0 USB Development Board		\$23.80	1	\$23.80	Adafruit		✓	✓
Mode Switch	Tactile Switch Buttons		\$4.95	1	\$4.95	Adafruit	Here	✓	✓
DAC Breakout Board	Adafruit TLV320DAC3100		\$6.95	2	\$13.90	Adafruit	Here	✓	✓
Power Switch	Three Way Switch		\$5.49	1	\$5.49	Amazon		✓	✓
Battery	103454 Lipo Rechargeable		\$11.99	1	\$11.99	Amazon		✓	✓
Boost Converter	1528-4654-ND		\$3.95	2	\$7.90	Amazon		✓	✓
Noise Dampening Foam	Polyethylene Foam Roll		\$9.99	1	\$9.99	Amazon		✓	✓
Recylce PLA	Protopasta Recycled PLA		\$15.00	1	\$15.00	Amazon		✓	✓
Headphone Driver	CE38MB-32		\$3.49	2	\$6.98	Dayton Audio	Here	✓	✓
Volume Rocker Switch	R4GBLKBLEF0		\$2.21	1	\$2.21	DigiKey	Here	✓	✓
Single 2:1 Data Mux	SN74LVC2G157		\$0.38	1	\$0.38	Digikey	Here	✓	✓
100nF SM Capacitor	C0603C104K4RACTU		\$0.08	6	\$0.48	Digikey	Here	✓	✓
Digital MEMS Microphone	ICS-52000		\$3.49	6	\$20.94	Digikey	Here	✓	✓
25 Ohm SM Resistor	SN74LVC2G161		\$0.68	6	\$4.08	Digikey	Here	✓	✓
100K ohm Resistor	RC0603FR-07100KL		\$0.10	2	\$0.20	Digikey	Here	✓	✓
Headphone Jack	SJ2-35863B1-SMT-TR		\$1.07	2	\$2.14	Digikey	Here	✓	✓
LiPo Charging Port	SparkFun LiPo Charger Plus		\$11.50	1	\$11.50	Digikey	Here	✓	✓
FPC 5 Wire 304.8 mm			\$1.08	2	\$2.16	Digikey	Here	✓	✓
FPC 5 Wire Connector	527930570		\$0.60	4	\$2.40	Digikey	Here	✓	✓
FPC 4 wire Connector	527930470		\$0.51	10	\$5.10	Digikey	Here	✓	✓
FPC 4 wire 30 mm(1.18")	151670701		\$1.28	2	\$2.56	Digikey	Here	✓	✓
FPC 4 wire 51 mm(2") cab	151670707		\$1.97	2	\$3.94	Digikey	Here	✓	✓
FPC 4 wire 76 mm(3") cab	151670707		\$1.86	2	\$3.72	Digikey	Here	✓	✓
FPC 4 wire 101.6 mm(4")	151670707		\$1.70	6	\$10.20	Digikey	Here	✓	✓
220 uF Capacitors			\$0.81	4	\$3.24	Digikey	Here	✓	✓
Connector PCB 1						Oshpark		✓	✓
Connector PCB 2						Oshpark		✓	✓
Digital Microphone PCB						Oshpark		✓	✓
Stockinette	Nuanchu Cotton Stockinette Tubular Elastic Bandage		\$14.99	1	\$14.99	Amazon		✓	✓
Metal Dowels	3 x 12mm metal dowels		\$6.19	1	\$6.19	Amazon		✓	✓
ADC	PCM1802 Audio Stereo A/D Converter ADC Decoder 24bit 96kHz Digital		\$10.99	1	\$10.99	Amazon		✓	✓
	Don't order yet								
Total (Current)	\$207.42								
Max	\$400.00								
Remaining	\$192.58								
Adarfruit Total	\$61.07								
Dayton Audio	\$17.44								
Oshpark	\$59.20								
DigiKey	\$94.99	\$94.99	\$53.11	\$41.88					
Amazon	\$105.39	\$105.39	\$71.21	\$34.18					
TRUE TOTAL	\$338.09								
TRUE REMAINING	\$61.91								