

Material List and Budget

Name	Price	Qty (use)	Qty (buy)	Where	Specific Info and link	Extra fee
Screen	11.99	1	1	Amazon	SH1107 128x128 OLED Display	Group order
Heart rate sensor	12.99	0	1	Amazon	MAX30102 component didn't work	Group order
Battery	9.99	0	1	Amazon	3.7V 3000mAh LiPo battery too big	Group order
Pulse sensor	25.99	1	1	Adafruit	Pulse Sensor Amped (shipping and tax with pressure sensor)	13.02(s hipping)
Pressure sensor	6.95	1	1	Adafruit	Adafruit LPS22 Pressure Sensor	2(tax)
Microcontroller	19.90	1	1	Amazon	Arduino Nano ESP32 (tax with 200mah battery(1.74(ta x)
Battery	7.99	0	1	Amazon	3.7V 200mAh Lipo Battery	
Battery	8.99	1	1	Amazon	3.7V Lipo Battery 500mAh	0.56 (tax)
Voltage regulator	1.25	0	1	Adafruit	3.3V 800mA Linear Voltage Regulator TO-220 (broken)	Group order
Speaker	5.49	1	3	Digikey	OWS-091630W50A-8	Group order
Speaker Amplifier	3.95	1	1	Adafruit	2.5W Class D Audio Amplifier - PAM8302	Group order
Electrical tape	4.72	1	1	Amazon	Scotch 3M 700 Electrical Tape	0.3 (tax)
Screw&Nut	14.99	1	1	Amazon	304 Stainless Steel Metric Micro Screws Nuts	0.94(ta x)
Capacitors	3.90	0	2	Adafruit	10uF 50V Electrolytic Capacitors	owned
Charger	14.95	1	1	Adafruit	PowerBoost 500 Charger	Borrowed, no cost

Total (All)	168.70					
Spended	153.75					
Material Needs	115.51 (no tax & shippi ng)					