Group name: HAIL-MET

Description of part	Cost per	Quantity	Total cost	URL	Received
Group budget:	$1,000.00				
SMD LED driver	$1.73	4	$6.92	http://www.digikey.com/product-detail/en/TLC5917IDR/296-21995-1-ND/1643154	
Button type 1 for chinstrap	$1.09	3	$3.27	http://www.digikey.com/product-detail/en/D6R90%20F1%20LFS/401-1978-ND/1466335	
Button type 4 for chinstrap	$2.23	3	$6.69	http://www.digikey.com/product-detail/en/MSPS103C0/450-1664-ND/529502	
JST connectors (board side)	$0.52	10	$5.21	http://www.digikey.com/product-detail/en/S2B-PH-SM4-TB(LF)(SN)/455-1749-1-ND/926846	
JST connector (cable housing)	$0.08	10	$0.78	http://www.digikey.com/product-detail/en/PHR-2/455-1165-ND/608607	
JST connector (cable pins)	$0.05	30	$1.45	http://www.digikey.com/product-detail/en/SPH-001T-P0.5L/455-2147-1-ND/1634655	
NPN Transistor (for CREE)	$0.62	4	$2.48	http://www.digikey.com/product-detail/en/FMMT620TA/FMMT620CT-ND/386031	
Thermistor	$0.39	4	$1.56	http://www.digikey.com/product-detail/en/NTCLE100E3103JB0/BC2301-ND/769411	
Voltage Regulator (L4931)	$0.99	4	$3.96	http://www.digikey.com/product-detail/en/L4931CZ33-AP/497-7246-1-ND/1884870	
Voltage Regulator (MCP1755)	$0.82	2	$1.64	http://www.digikey.com/product-detail/en/MCP1755ST-3302E%2FDB/MCP1755ST-3302E%2FDBCT-ND/3986465	
Ambient light sensor	$1.53	4	$6.12	http://www.digikey.com/product-detail/en/TEMT6000X01/751-1055-1-ND/1681410	
AND Gates	$0.44	4	$1.76	http://www.digikey.com/product-detail/en/SN74ALVC08PWR/296-5109-1-ND/373976	
NOT Gates	$0.51	4	$2.04	http://www.digikey.com/product-detail/en/SN74AUP3G04DQER/296-25621-1-ND/2202285	
Diode for power supply	$0.55	4	$2.20	http://www.digikey.com/product-detail/en/MBR120VLSFT1G/MBR120VLSFT1GOSCT-ND/893874	
Micro USB Jack	$0.46	4	$1.84	http://www.digikey.com/product-detail/en/10118193-0001LF/609-4616-1-ND/2785380	
ATmega328P TQFP	$3.85	4	$15.40	http://www.digikey.com/product-detail/en/ATMEGA328P-AUR/ATMEGA328P-AURCT-ND/3789455	
Solar cells (small)	$10.24	10	$102.38	http://www.digikey.com/product-detail/en/SLMD121H9L/SLMD121H9L-ND/2754277	
Resistor - 805 - 240	$0.10	4	$0.40	http://www.digikey.com/product-detail/en/RMCF0805JT240R/RMCF0805JT240RCT-ND/1942545	
Resistor - 805 - 390	$0.10	4	$0.40	http://www.digikey.com/product-detail/en/RMCF0805JT390R/RMCF0805JT390RCT-ND/1942549	
Capacitor - 805 - 0.1uF	$0.05	10	$0.49	http://www.digikey.com/product-detail/en/C0805C104K5RACTU/399-1170-1-ND/411445	
Resistor - 805 - 100K	$0.10	4	$0.40	http://www.digikey.com/product-detail/en/RMCF0805JT100K/RMCF0805JT100KCT-ND/1942592	
Resistor - 805 - 10K	$0.03	16	$0.46	http://www.digikey.com/product-detail/en/RMCF0805FT10K0/RMCF0805FT10K0CT-ND/1942435	
CAPACITOR - C0805K - 10uF	$0.12	13	$1.50	http://www.digikey.com/product-detail/en/LMK212F106ZG-T/587-1312-1-ND/931089	
Resonator - RESONATOR-SMD - 16MHZ	$0.38	4	$1.52	http://www.digikey.com/product-detail/en/AWSCR-16.00CV-T/535-10008-1-ND/2001631	
Resistor - 805 - 1K	$0.08	10	$0.79	http://www.digikey.com/product-detail/en/ESR10EZPJ102/RHM1.0KKCT-ND/1762951	
Resistor - 805 - 20k	$0.10	13	$1.30	http://www.digikey.com/product-detail/en/ERJ-6GEYJ203V/P20KADKR-ND/577840	
Capacitor - 805 - 22pF	$0.05	4	$0.20	http://www.digikey.com/product-detail/en/C0805C220J5GACTU/399-1113-1-ND/411388	
Resistor - 805 - 2K	$0.10	4	$0.40	http://www.digikey.com/product-detail/en/ERJ-6ENF2001V/P2.00KCCT-ND/119044	
POLARIZED CAPACITOR - E5-13 - 4700uF	$1.01	4	$4.04	http://www.digikey.com/product-detail/en/ECA-1CM472/P5145-ND/245004	
AVR ISP 6 Pin - 2X3 - AVR_SPI_PRG_6PTH	$0.40	4	$1.60	http://www.digikey.com/product-detail/en/67996-206HLF/609-3210-ND/1878485	
LED - 805 - GREEN	$0.30	4	$1.20	http://www.digikey.com/product-detail/en/LTST-C171GKT/160-1423-1-ND/386792	
LED - 805 - ORANGE	$0.32	4	$1.28	http://www.digikey.com/product-detail/en/LTST-C170KFKT/160-1413-1-ND/386774	
LED - 805 - RED	$0.32	4	$1.28	http://www.digikey.com/product-detail/en/LTST-C171KRKT/160-1427-1-ND/386800	
Capacitor Polarized - - 220uF	$0.30	16	$4.80	http://www.digikey.com/product-detail/en/ECA-1CHG221/P5530-ND/245129	
CAPACITOR - C0805K - 100uF	$0.85	13	$11.05	http://www.digikey.com/product-detail/en/F950G107MPAAQ2/478-8358-1-ND/4005658	
Resistor - 805 - 100	$0.03	50	$1.44	http://www.digikey.com/product-detail/en/ERJ-6ENF1000V/P100CCT-ND/118668	
Solder paste	$22.80	2	$45.60	http://www.digikey.com/product-detail/en/SMD291SNL10/SMD291SNL10-ND/2057272	
VENDOR COST	**$245.84**				
Tactile Buttons for Ear Piece	$0.50	8	$4.00	https://www.sparkfun.com/products/12992	
Button type 3 for chinstrap	$0.95	3	$2.85	https://www.sparkfun.com/products/11996	
VENDOR COST	**$6.85**				
Solar cells (medium)	$25.00	1	$25.00	http://www.adafruit.com/products/200	
Button type 2 for chinstrap	$0.95	3	$2.85	http://www.adafruit.com/products/1503	
VENDOR COST	**$27.85**				
3D Printing Filament	$37.50	1	$37.50	http://www.bhphotovideo.com/bnh/controller/home?O=&sku=985325&gclid=CjwKEAiAj-KiBRC48YzhnLSg0D0SJAClOhK3KhZvYpw8Zi4E3HhM27CrTZeh-a7IwkZmVul_ADsnhRoCspDw_wcB&Q=&is=REG&A=details	
VENDOR COST	**$37.50**				

			This Order Total		
			$318.04		

Running Total Before Order:	$326.22			
After this order:	$644.26			