

ID	Name	Designator	Qty	Price Qty 1	Price	Price W/ Tax	Notes	Link to product
1	0.1u	C1,C6,C8,C9,C11,C12	6	\$0.10	\$0.60	\$0.69		
2	10k	R1,R4,R5,R8,R9,R10,R11,R13	9	\$0.05	\$0.41	\$0.47		
3	100k	R14, R16	2	\$0.66	\$1.32	\$1.52		
4	1k	R3,R15, R17	3	\$0.05	\$0.14	\$0.16		
5	Speaker A4100	SP1	1	\$15.90	\$15.90	\$18.29		woofers
6	TEA5767	U2	1	\$9.09	\$9.09	\$10.45		TEA 5767
7	1K	R2	1	\$0.05	\$0.05	\$0.05		
8	10 ohm	R12	1	\$0.05	\$0.05	\$0.05		
9	Radio Volume	RP1	1	\$0.39	\$0.39	\$0.44		100K Pot
10	PAM8403 Audio Amp	U3	1	\$0.91	\$0.91	\$1.05	PCB Mount with no pot	PAM 8403
11	1N4007	D1	1	\$0.13	\$0.13	\$0.14		
12	100u	C10	1	\$0.04	\$0.04	\$0.05		
15	Announce Volume 10K	RP2	1	\$0.39	\$0.39	\$0.45		Trimmer Pots
16	Beeps Volume 10K	RP3	1	\$0.39	\$0.39	\$0.45		Trimmer Pots
17	ATMEGA328P	U1	1	\$3.34	\$3.34	\$3.84	Buy one with bootloader on it already	ATMEGA328P
18	22pf	C2,C3	2	\$0.18	\$0.37	\$0.42		
19	47nf	C4	1	\$0.04	\$0.04	\$0.05		
20	1u	C5	2	\$0.04	\$0.08	\$0.09		
21	2.2u	C7	1	\$0.04	\$0.04	\$0.05		

22	Resettable FUSE 1.6A	F1	1	\$0.56	\$0.56	\$0.65	Resettable Fuse	BK60-160-DZ YAGEO Mouser Canada
23	Prgm	H1	1	\$0.05	\$0.05	\$0.06	Programmin g Jack - Male Header pins	
24	HK19F-DC5V- SHG(Y)	K1	1	\$3.17	\$3.17	\$3.65		5V Relay
25	Power SW1A	P1	1	\$3.46	\$3.46	\$3.98	46-151-0 (black button on-off)	Switches
26	SW2 - Announce	P3	1	\$0.94	\$0.94	\$1.08		Pushbutton Switch
27	SW3- F1 Preset	P4	1	\$0.94	\$0.94	\$1.08		Pushbutton Switch
28	SW5 - F3 Preset	P5	1	\$0.94	\$0.94	\$1.08		Pushbutton Switch
29	SW4- F2 Preset	P6	1	\$0.94	\$0.94	\$1.08		Pushbutton Switch
30	USB-C 5V DC Charger	P7	1	\$3.00	\$3.00	\$3.45		Lithium Li- ion Battery Charger Board 3.7V 4.2V
31	4.7K	R6,R7	2	\$0.05	\$0.09	\$0.10		
32	Rotary Encoder	ROT1	1	\$2.38	\$2.38	\$2.73		Rotary Encoder Code Switch

								Freenove I2C IIC LCD 1602 Module
33	2x16 I2C LCD	U4	1	\$8.98	\$8.98	\$10.32	I2C Type	
34	16MHZ	X1	1	\$0.28	\$0.28	\$0.32		
35	1000uF	C13	1	\$0.10	\$0.10	\$0.12		
36	PCB	PCB	1	\$7.54	\$7.54	\$8.67	From PCBWay	PCBWay
37	PCB Shipping/Duty from PCBWay	PCB	1	\$9.34	\$9.34	\$10.74	Includes shipping, duty, bank fees	PCBWay
38	Wire	Wire	1	\$1.80	\$1.80	\$2.07	#24 AWG wire	
39	PLA	Plastic Case	1	\$5.59	\$5.59	\$6.43		Crealitty Ender PLA Filament 1.75mm 4KG
40	Battery Holder	Battery Holder	1	\$1.00	\$1.00	\$1.15		18650 Battery Holder

41	Battery	18650	1	\$18.00	\$18.00	\$20.70	Price Highly variable based on capacity and quality. Samsung, LG, Sony, Panasonic, Cameron Sino and Molicel recommend ed as the safest brands.	https://www.canadianbatteries.com/collections/18650/products/battery-for-cameron-sino-icr18650-inr18650-nr18650-37v-2600mah-962wh
42	Machine Screws	#8 1/4 or 3/8"	13	\$0.05	\$0.65	\$0.75		
43	XTC-3D	Plastic Finish	1	\$3.66	\$3.66	\$4.21		XTC-3D High Performance 3D Print Coating - 24oz.
						\$123.09	Canadian \$	