

Sheet1

Item	Qty	Reference(s)	Value	Price Each	Price per badge	Price shipping	Price Sub Total
1	1	BT1		18650	2.19	2.19	0
2	1	C1	10uF		0.009	0.009	
3	2	C2, C3	20pF		0.0073	0.0146	
4	2	C4, C5	1uF		0.0077	0.0154	
5	1	C6	4.7uF		0.0144	0.0144	
6	27	C7, C8, C9, C	100nF		0.0033	0.0891	
7	1	C34	800k		0.0015	0.0015	
8	1	C35	2M		0.0021	0.0021	
9	1	D1	LED_Small		0	0	
10	25	D2, D3, D4, D	SK6812MINI		0.05	1.25	
11	25	D27, D28, D29	D		0.0079	0.1975	
15	1	J4	Oled Display		3.5	3.5	
16	1	P1	USB_C_Plug		0.19	0.19	
17	1	Power->1	SW3		0.052	0.052	
18	1	R1	1k		0.0034	0.0034	
19	1	R2	R_Small				
20	1	RN1	5.1k		0.005	0.005	
21	1	SW1	SW_SPST		0.012	0.012	
22	1	SW2	Rotary_Encode		0.5005	0.5005	
23	25	SW3, SW4, SW5	Switch		0	0	
24	1	U1	HX4055M		0.066	0.066	
25	1	U2	TLV1117-33		0.0621	0.0621	
26	1	U3	E73-2G4M08S1C		5.86	5.86	
						14.0346	

Footprint

Capacitor_SMD:C_0805_2012Metric

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Capacitor_SMD:C_0805_2012Metric

Capacitor_SMD:C_0805_2012Metric

Resistor 0805

Resistor 0805

LED_SMD:LED_0805_2012Metric

LED_SMD:LED_SK6812MINI_PLCC4_3.5x3.5mm_P1.75mm

SOD-123FL

Connector_PinHeader_2.54mm:PinHeader_1x04_P2.54mm_Vertical

BadgePirates:USB_C_Receptical-Jing

BreadBoardPwr:SK-3296S_switch

Resistor 0805

Resistor 0805

1206 Resistor Network

Package_TO_SOT_SMD:SOT-223-3_TabPin2

E73:E73-2G4M08S1C

https://www.alibaba.com/product-detail/Hot-Selling-Programmable-0-2W-RGB_1600253693652.html

https://www.alibaba.com/product-detail/1-3-inch-White-OLED-Display_62196696716.html

https://lcsc.com/product-detail/USB-Connectors_Korean-Hroparts-Elec-TYPE-C-31-M-12_C165948.html

https://lcsc.com/product-detail/Toggle-Switches_Korean-Hroparts-Elec-K3-1296S-E1_C128955.html

https://lcsc.com/product-detail/Tactile-Switches_XKB-Connectivity-TS-1187A-B-A-B_C318884.html

https://lcsc.com/product-detail/Coded-Rotary-Switches_ALPSALPINE-EC11L1524E03_C2687297.html

https://lcsc.com/product-detail/PMIC-Battery-Management_HX-hengjiaying-HX4055M_C296276.html

https://lcsc.com/product-detail/Dropout-Regulators-LDO_Shanghai-Siproin-Microelectronics-SSP1117-3-3V_C

:277892.html