



Item	Qty	Reference(s)	Value	Footprint
1	1	BT1	Battery_Cell	Battery:BatteryHolder_MPD_BH-18650-PC2
2	7	C1, C2, C3, C4, C5, C6, C8	0.1	Capacitor_SMD:C_0603_1608Metric_Pad1.05x0.95mm_HandSolder
3	1	C7	47u	Capacitor_Tantalum_SMD:CP_EIA-3216-18_Kemet-A_Pad1.58x1.35mm_HandSolder
4	1	D1	LED0	LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder
5	1	D2	LED1	LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder
6	2	D3, D4	SS14	Diode_SMD:D_SMB_Handsoldering
7	1	J1	4P4C	my_footprints:RJ9-4P4C
8	2	J2, J3	Conn	TerminalBlock_Phoenix:TerminalBlock_Phoenix_MKDS-1,5-2-5.08_1x02_P5.08mm_Horizontal
9	1	J4	SPI_screen	Connector_PinSocket_2.54mm:PinSocket_1x07_P2.54mm_Vertical
10	1	P1	USB_B	Connectors_USB:USB_B_OST_USB-B1HSxx_Horizontal
11	1	P2	USART_BOOT	Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical
12	4	P3, P4, P5, P6	Hole	my_footprints:Hole_3mm
13	1	Q1	AO3407	TO_SOT_Packages_SMD:SOT-23_Handsoldering
14	3	R1, R2, R9	22	Resistor_SMD:R_0603_1608Metric_Pad1.05x0.95mm_HandSolder
15	2	R3, R4	51k	Resistor_SMD:R_0603_1608Metric_Pad1.05x0.95mm_HandSolder
16	2	R5, R6	330	Resistor_SMD:R_0603_1608Metric_Pad1.05x0.95mm_HandSolder
17	2	R7, R8	4k7	Resistor_SMD:R_0603_1608Metric_Pad1.05x0.95mm_HandSolder
18	2	R10, R11	10k	Resistor_SMD:R_0603_1608Metric_Pad1.05x0.95mm_HandSolder
19	1	R12	510	Resistor_SMD:R_0603_1608Metric_Pad1.05x0.95mm_HandSolder
20	1	SW1	Reset	Buttons_Switches_SMD:SW_SPST_FSMSM
21	1	SW2	Boot	Buttons_Switches_SMD:SW_SPST_FSMSM
22	1	SW3	Poweron	Button_Switch_THT:SW_PUSH_6mm_H13mm
23	1	U1	USBL6-2SC6	TO_SOT_Packages_SMD:SOT-23-6_Handsoldering
24	1	U2	STM32F042C6Tx	Package_QFP:LQFP-48_7x7mm_P0.5mm
25	1	U3	LM1117-3.3	TO_SOT_Packages_SMD:SOT-223