Item #	Designator	Description	Comment	Quantity	lumn Name Error:' Manufacturnn Name Error:' Manufacturer Part Nu	
1	BT1	Battery	BATTERY	1		
2	C1, C2, C3, C4, C9, C10, C12, C15, C17, C19, C21, C22		100nF	12		
3	C5, C6, C7, C8		22p	4		
4	C11, C13		10uF	2		
5	C14		470uF/35V	1		
6	C16		470uF/35V	1		
7	C18		1uF	1		
8	C20		10nF	1		
9	D1, D2, D4	[illegible]	1N4148	3		
10	D3		SS34	1		
11	E1	[illegible]	10uF/16V	1		
12	IC1, IC2	[illegible]	74HC595	2		
13	JP1	[illegible]	HDR-1X5	1		
14	JP2	[illegible]	HDR-1X2	1		
15	LS1	[illegible]	DC5V	1		
16	Q1	[illegible]	SS8050	1		
17	R1, R2, R3, R6, R8, R9, R10, R11, R12, R16, R17		10K	11		
18	R4		470	1		
19	R5		3.3K	1		
20	R7		1K	1		
21	R13		10R	1		
22	R14, R15		0R	2		
23	S1, S2, S3, S4	Switch	SW-PB	4		
24	SMG1, SMG2	[illegible]	8041B	2		
25	U1	Flaah:64/RAM:20/IO:36	STM32F103C8	1		
26	U2		AMS1117-3.3	1		
27	U3		AMS1117-5.0V	1		
28	X1	[illegible]	8M	1		
29	X2	[illegible]	32.768K	1		
30	[illegible]		[illegible]	1		

Footprint
VBAT
0603CC
0603CC
0603CC
CD A(3216)
C3216
0603CC
0603CC
SOD-323
SMA
CAP 2.5*6.3*11.2 - GD
SOP16_N
HDR2.54-LI-5P
18650*2
BEEP 5x9x5.5
SOT23-3N
0603RR
0603RR
0603RR
0603RR
0603RR
0603RR
TSW DIP-6*6*6_V
SMG 0.8-4P
LQFP48 7X7_M
SOT223_N
SOT223_N
OSC 3225-4P
OSC 3215-2P
CAP 2.5*5*11-H