

Item	Quantity	Reference	Part
1	13	C1, C2, C3, C4, C5, C6, C9, C10, C11, C12, C16, C18, C22	0. 1uF
2	2	C7, C8	15pF
3	2	C13, C14	5pF
4	2	C15, C17	220uf/35V
5	3	C19, C20, C21	10uF
6	1	D1	BAT54C
7	1	D2	SMBJ12A
8	1	D3	SS34
9	8	H1, H2, H3, H4, H5, H6, H7, H8	NC/mechanical pad
10	1	JP SWD1	XH-4A
11	2	JP 1, J3	XH-2A
12	1	JS BAT1	BAT
13	1	JS USART1	NC/XH-4A
14	2	J1, J8	HEADER 8
15	1	J2	HEADER 5
16	1	J4	HEADER 20X2
17	1	J5	HEADER 2
18	2	J6, J7	0
19	1	J9	LCD
20	1	KS REST	KEY 3x6x2d5 2p SMD
21	1	L1	47UH
22	1	R1	220K
23	9	R2, R3, R4, R5, R6, R7, R9, R10, R11	10K
24	1	R8	10R
25	4	SW1, SW2, SW3, SW4	SW PUSHBUTTON 0
26	5	T1, T2, T3, T4, T5	NC/TEST
27	1	U1	USBLC6-2SC6
28	1	U2	STM32F103RB
29	1	U3	PCF8563T
30	1	U4	XL1509-5. 0
31	1	U5	LM1117-3. 3
32	1	Y1	8M
33	1	Y2	32. 768KHz