

ID	Name	Designator	Footprint	Quantity	Manufacturer Part	Manufacturer	Supplier	Supplier Part	Price	Mounted	LCSC Assembly
1	micro USBFemale	USB1	MICRO-USB-1	1	micro USBFemale	ValuePro	LCSC	C10418		Yes	
2	AMS1117-3.3	U2	SOT-223	1	AMS1117-3.3	AMS	LCSC	C6186		Yes	Yes
3	Header 3X2	BOOT	HDR2X3	1	?					Yes	
4	Female header 1*6p	ANALOG,POWER	HDR-6X1/2.54	2	Female header 1*6p	BOOMELE	LCSC	C40877		Yes	
5	Header2.54mm_1*8P	DIGITAL1	HDR-8X1/2.54	1	Header2.54mm 1*8P	ReliaPro	LCSC			Yes	
6	K2-1104DZ-C4CW-01	RESET	KEY-6.0*6.0-4	1	K2-1104DZ-C4CW-01	HRO	LCSC	C145889		Yes	
7	2.54mm 1*10P Straight Female header Gold-plated	DIGITAL2	HDR-10X1/2.54	1	2.54mm 1*10P Straight Female header Gold-plated	BOOMELE	LCSC	C35445		Yes	
8	32.768KHz	X2	SMD-2012_2P	1	ST20125B32768E0HPWBB-	Kyocera	LCSC	C132735		Yes	
9	8MHz	X1	HC-49S	1	9B0808LCSC-AAK2S	TXC	LCSC	C93660		Yes	
10	1KΩ(1001)	R6,R3	0402	2	CR0402FF1001G	LIZ	LCSC	C100195		Yes	
11	1.5KΩ(152)	R2	0603	1	CR0603JA0152G	LIZ	LCSC	C101276		Yes	
12	1uF	C10,C12	0805	2	CL21B105KAFNFNE	SAMSUNG	LCSC	C1712		Yes	
13	100nF	C5,C6,C7,C8,C13	0402	5	CL05B104K05NNNC	SAMSUNG	LCSC	C1525		Yes	
14	10MΩ(1005)	R1		1206	1 RTT061005FTP	RALEC	LCSC	C104598		Yes	
15	XL-0603QYGC	ON,LED1	0603	2	XL-0603QYGC	KENTO	LCSC	C2289		Yes	
16	210S-2*3P L=11.6MMGold-plated black	SPI	DIP-2X3P-2.54MM-M	1	210S-2*3P L=11.6MMGold-plated black	Ckmtw	LCSC	C124384		Yes	
17	10KΩ(1002)	R7	0402	1	CR0402FF1002G	LIZ	LCSC	C100196		Yes	
18	Headers Pins 1*4P	SWD	HDR-4X1/2.54	1	Headers Pins 1*4P	ReliaPro	LCSC			Yes	
19	100uF	C11	CAP-D5.0XH5.5	1	RVT1A101M0505	HONOR	LCSC	C3347		Yes	
20	330uF	C9	CAP-D6.3XH7.7	1	EEE0JA331XP	PANASONIC	LCSC	C128452		Yes	
21	2.54mm 1*2P	UART,EXT	HDR-2X1/2.54	2	2.54mm 1*2P	ReliaPro	LCSC			Yes	
22	22pF	C2,C1,C4,C3	0402	4	0402CG220J500NT	FH	LCSC	C1555		Yes	
23	100KΩ	R4,R5	0805	2	0805W8J0104T5E	UniOhm	LCSC	C25611		Yes	
24	1uF	C14	0402	1	0402B105K100NT	FH	LCSC	C1526		Yes	
25	1SMB5925BT3G(SMB)	D1	SMB	1	1SMB5925BT3G	ON	LCSC	C53170		Yes	
26	STM32F103C8T6	U1	LQFP-48_7X7X05P	1	STM32F103C8T6	STMicroelectronics	LCSC	C8734		Yes	Yes