

ID	Name	Designator	Quantity	Part ID	Supplier	Manufacturer	Supplier Part	Price (HKD)	Supplier Part Link	Comments
1	0603 Cap 22pF	C1, C2	2	1	Taobao / Telesky			6.29	https://detail.tmall.co	Minimum 100, 5%, 50V (TC: 6.29)
				2	LCSC	YAGEO	C519390	0.0243	https://lcsc.com/prod	Minimum 50, 5%, 25V (TC: 1.22)
2	0603 Cap 10uF	C3, C5, C7, C12	4	1	Taobao / Telesky			11.91	https://detail.tmall.co	Minimum 100, 10%, 10V (TC: 11.91)
				2	LCSC	Samsung Electro Mechanics	C95839	0.103	https://lcsc.com/prod	Minimum 50, 10%, 10V (TC: 5.16)
3	0603 Cap 0.1uF	C4, C6, C8, C9, C10, C11	6	1	Taobao / Telesky			8.88	https://detail.tmall.co	Minimum 100, 10%, 16V (TC: 8.88)
				2	LCSC	YAGEO	C108079	0.0296	https://lcsc.com/prod	Minimum 50, 10%, 16V (TC: 1.48)
4	1N4148WS	D1	1	1	LCSC	VISHAY INTE...	C448648	0.259	https://lcsc.com/prod	Minimum 20 (TC: 5.18)
				2	Taobao / RiSyn			3.83	https://detail.tmall.co	Minimum 100, SOD323 (TC: 3.83)
5	OLED SSD1306 0.96" I2C	DISP1	1	1	Taobao / Jin Yichen Electronics			11	https://item.taobao.c	Minimum 1 (TC: 11)
				2	Taobao / Telesky			24.29	https://detail.tmall.co	Minimum 1 (TC: 24.29)
6	Header Female 2x6	H1	1	1	LCSC	BOOMELE	C36191	0.428	https://lcsc.com/prod	Minimum 10 (TC: 4.28)
7	Header Female 1x6	H2	1	1	LCSC	BOOMELE	C40877	0.404	https://lcsc.com/prod	Minimum 10 (TC: 4.04)
8	0603 Green LED	LED1, LED2	2	1	LCSC	LITEON	C72043	0.135	https://lcsc.com/prod	Minimum 20 (TC: 2.71)
9	BSS138	Q1, Q2	2	1	LCSC	FAIRCHILD	C52895	0.32	https://lcsc.com/prod	Minimum 10 (TC: 3.2)
				2	Taobao / Telesky			4.2	https://detail.tmall.co	Minimum 20 (TC: 4.20)
10	0603 Res 1k	R1, R2, R3, R4	6	1	Taobao / Telesky			2.97	https://detail.tmall.co	Minimum 100, 1% (TC: 2.97)
					LCSC	KOA	C160009	0.0213	https://lcsc.com/prod	Minimum 100, 1% (TC: 2.13)
11	0603 Res 10k	R5, R6, R7, R8	4	1	Taobao / Telesky			2.97	https://detail.tmall.co	Minimum 100, 1% (TC: 2.97)
					LCSC	ROHM	C253330	0.144	https://lcsc.com/prod	Minimum 20, 1%, (TC: 2.89)
12	0603 Res 140 ohm	R9	1	1	LCSC	Walsin Tech Corp	C170466	0.0119	https://lcsc.com/prod	Minimum 100, 1%, (TC: 1.19)
13	0603 Res 56 ohm	R10	1	1	LCSC	Walsin Tech Corp	C384209	0.00737	https://lcsc.com/prod	Minimum 100, 5%, (TC: 0.74)
14	Button	SW1	1	1	LCSC	C&K	C221729	4.07	https://lcsc.com/prod	Minimum 1 (TC: 4.07)
15	ATMEGA2560	U1	1	1	LCSC	MICROCHIP	C22460	56.033	https://lcsc.com/prod	Minimum 1 (TC: 56.033)
				2	Taobao / YouXin Electronics			27.8	https://item.taobao.c	Minumum 1 (TC: 27.8)
16	CH330N	U2	1	1	LCSC	WCH	C108996	3.991	https://lcsc.com/prod	Minimum 1 (TC: 3.991)
				2	Taobao / Xianhecheng			1.4	https://item.taobao.c	Minimum 1 (TC: 1.4)
17	AP2112K-3.3TRG1	U3	1	1	LCSC	DIODES	C51118	1.001	https://lcsc.com/prod	Minumum 5 (TC: 5.005)
				2	Taobao / Xikke Zhineng			0.3	https://item.taobao.c	Minumum 1 (TC: 0.3)
18	Micro USB	USB1	1	1	LCSC	SHOU HAN	C393940	0.201	https://lcsc.com/prod	Minimum 20 (TC: 4.02)
19	16MHz Crystal	X1	1	1	LCSC	TAE	C111377	0.792	https://lcsc.com/prod	Minimum 5 (TC: 3.96)
				2	Taobao / RiSyn			3.03	https://detail.tmall.co	Minimum 10 (TC: 3.03)