

No.	Quantity	Comment	Designator	Footprint	Value	Manufacturer Part	Manufacturer	Supplier Part	Supplier
1	24	100nF	C1,C16,C17,C18,C19,C20,C21,C22,C23,C24,C28,C35,C36,C39,C41,C42,C43,C44,C45,C47,C48,C49,C50,C51	C0603	100nF				
2	1	2.2uF	C2	C0603	2.2uF				
3	2	22pF	C12,C13	C0603	22pF				
4	3	1uF	C14,C62,C63	C0603	1uF				
5	1	10nF	C15	C0603	10nF				
6	6	100pF	C29,C30,C31,C32,C33,C34	C0603	100pF				
7	3	1nF	C37,C38,C40	C0603	1nF				
8	2	4.7uF	C56,C65	C1210	4.7uF	CL32B475KB UYNNE	SAMSUNG(三星)	C170099	LCSC
9	1	0.01uF	C64	C0603	0.01uF				
10	1	47uF	C66	C1210	47uF	HGC1210R5476M250NS VK	Chinocera(华瓷)	C7432791	LCSC
11	1	47nF	C67	C0603	47nF				
12	5	DB2EVC-3.81-2P-GN	CN1,CN2,CN3,CN4,CN5	CONN-TH_2P-P3.81_DB2EVC-3.81-2P-BK		DB2EVC-3.81-2P-GN	DORABO(地博电气)	C395686	LCSC
13	3	XH2.54-2PIN-直针	CN6,CN7,CN8	CONN-TH_XH2.54-2P		XH2.54-2PIN-直针		C9900011425	LCSC
14	1	XH2.54-6PIN	CN9	CONN-TH_6P-P2.50-V-M_753		XH2.54-6PIN		C9900014920	LCSC
15	4	XH2.54-LI-3PA	CN10,CN11,CN12,CN13	CONN-TH_XH2.54-3P		XH2.54-LI-3PA		C9900016298	LCSC
16	10	SMF33CA	D1,D2,D3,D4,D5,D6,D7,D8,D9,D10	SOD-123_L2.8-W1.8-LS3.7-BI		SMF33CA	SUNMATE(森美特)	C399266	LCSC
17	1	SMBJ28CA	D11	SMB_L4.6-W3.6-LS5.3-BI		SMBJ28CA	JJW(捷捷微)	C356756	LCSC
18	1	B340A	D12	SMA_L4.3-W2.6-LS5.1-RD		B340A	MDD(辰达半导体)	C64982	LCSC
19	1	120 @100M	L1	L0603		BLM18PG121SN1D	muRata(村田)	C14709	LCSC
20	1	22uH	L2	IND-SMD_L7.0-W6.6_FXL0630	22uH	FXL0630-220-M	cjiang(长江微电)	C177244	LCSC
21	6	LED_0603-R	LED1,LED2,LED3,LED4,LED5,LED6	LED_0603					
22	2	XH2.54-4P	P6,P7	CONN-TH_4P-P2.50-XH2.54-4P		XH2.54-4P		C9900003326	LCSC

23	2	AO3401A	Q2,Q3	SOT-23-3_L2 .9-W1.3-P1.9 0-LS2.4-BR		AO3401A	TECH PUBLI C(台舟)	C5122001	LCSC
24	8	10K	R1,R2,R3,R4,R38,R42,R46, R54	R0603	10K				
25	6	22	R6,R7,R8,R9,R31,R32	R0603	22				
26	1	200K	R12	R0805	200K				
27	1	40.2K	R13	R0805	40.2K				
28	5	120	R14,R17,R20,R25,R28	R0603	120				
29	10	1K	R15,R16,R18,R19,R21,R22 ,R40,R41,R44,R45	R0603	1K				
30	4	4.7K	R23,R24,R26,R27	R0603	4.7K				
31	4	5.1K	R29,R30,R39,R43	R0603	5.1K				
32	3	20K	R33,R34,R35	R0603	20K				
33	3	10K	R50,R51,R52	R0805	10K				
34	1	3.24K	R53	R0603	3.24K				
35	1	WS2812	RGB1	WS2812B_B					
36	3	M3螺丝	SCREW1,SCREW2,SCRE W3	M3螺丝					
37	1	Key_SMD_3 x4x2	SW1	Key_SMD_3 x4x2					
38	1	STM32H723 ZGT6	U1	LQFP-144_L 20.0-W20.0- P0.50-LS22. 0-BL		STM32H723 ZGT6	ST(意法半导 体)	C730146	LCSC
39	1	ZX-PZ2.54-2- 4PZZ	U17	HDR-TH_8P- P2.54-V-M-R 2-C4-S2.54		ZX-PZ2.54-2- 4PZZ	Megastar(兆 星)	C7501275	LCSC
40	3	MAX3051EK A+T	U18,U19,U22	SOT-23-8_L3 .0-W1.7-P0.6 5-LS2.8-TL		MAX3051EK A+T	ADI(亚德诺)/ MAXIM(美信)	C112005	LCSC
41	2	SP3485EN-L /TR	U20,U21	SOIC-8_L5.0 -W4.0-P1.27- LS6.0-BL		SP3485EN-L /TR	MaxLinear(迈 凌)	C8963	LCSC
42	1	CH340N	U23	SOP-8_L4.9- W3.9-P1.27- LS6.0-BL		CH340N	WCH(南京沁 恒)	C2977777	LCSC
43	1	ULN2001D(U MW)	U24	SOP-8_L4.9- W3.9-P1.27- LS6.0-BL		ULN2001D(U MW)	UMW(友台半 导体)	C22374961	LCSC
44	2	EL3H7(C)(TA ) -VG	U25,U26	OPTO-SMD- 4_L4.4-W2.7- P1.27-LS7.0- TL		EL3H7(C)(TA ) -VG	EVERLIGHT( 亿光)	C17549577	LCSC
45	1	XH2.54_4P_ 直插	U28	CONN-TH_4 P-P2.50-XH2 .54-4P		XH2.54_4P_ 直插		C990000861 6	LCSC
46	1	XT30U-M.G. B	U30	CONN-TH_X T30U-M		XT30U-M.G. B	AMASS(艾迈 斯)	C19268020	LCSC

47	1	TPAP2112K-3.3TRG1	U32	SOT-23-5_L2.9-W1.6-P0.95-LS2.8-BR		TPAP2112K-3.3TRG1	TECH PUBLI C(台舟)	C3021085	LCSC
48	1	TPS5430DDAR	U33	ESOP-8_L4.9-W3.9-P1.27-LS6.0-TL-EP		TPS5430DDAR	TI(德州仪器)	C9864	LCSC
49	1	TYPE-C 16P贴片四脚插L=7.35	USB2	USB-C-SMD_TYPE-C-6PIN-2MD-073		TYPE-C 16P贴片四脚插L=7.35		C9900004817	LCSC
50	1	OSC-3225	Y1	OSC-3225					



