

Comment	Description	Designator	Footprint	LibRef	Quantity
FPC0.5-30P	FPC连接器	2	FPC0.5 2H-WS-30P	FPC-30P	1
TLV62569		AP1	SOT23-5N	AP3410	1
BATTERY	MX1.25mm 立贴	BAT1	MOLEX 53398-0271	Header 4	1
BOOT	Switch	BOOT1	TSW 3*6*4.3-S-W	SW-PB	1
105		C1, C4, C7, C14, C15, C16, C22, C23, C29, C50	CAP_0402	CAP	10
104	[NoValue], 10V	C2, C5, C8, C10, C12, C13, C24, C37, C39, C45, C48, C49	CAP_0402	CAP, MCD-00211	12
106		C3, C11, C35, C38, C51	C0603	CAP	5
106		C6, C25	CAP_0402	CAP	2
10uF/25V	10V	C9	C 1206_M	MCD-00211	1
22uF		C17, C18, C19	C0603	CAP	3
22PF		C36, C46, C47	CAP_0402	cap	3
绿灯 0603	发光二极管	D1	0603_LED_S1	0603 白灯	1
蓝灯 0603	发光二极管	D2	0603_LED_S1	0603 白灯	1
红灯 0603	发光二极管	D3	0603_LED_S1	0603 白灯	1
DSK24	肖特基二极管	D4, D5	SOD-123	SS34	2
LES5D5.0CT1G	极性:双向;反向截止电压(Vrwm):5V;最大钳位电压:18.6V;峰值脉冲电流 (Ipp)@10/1000us:9.4 A;击穿电压:5.6V;	D6, D7, D8, D9, D10	SOD-523	LES5D5.0CT1G	5
1N5819	二极管	D11, D12	SOD-323	1N4007	2
USB type C		J2	USB Type-C-16Pin_A	USB_C	1
HDR-1X4	4P接插件	JP1	MX 1.25-WS-4P	Header 4	1
2.2UH	电感, 贴片 功率电感 CD32	L1, L3	NR2520	L1, L	2
10uH	10uH, 4x4x3mm	L2	CD42	Inductor	1
MSM381A3729H9C P		MIC1	MIC-SMD_4P-L3.8-W3.0-P2.46-S1.70-TR	MSM381A3729H9C P	1
S8050		Q1, Q2	SOT23-3N	Q S9013	2
AO3401A	P沟道 30V/4.2A	Q3	SOT23-3N	AO3401	1
AON7401	MOSFET (P-Channel)	Q4	DFN_3X3_EP	AON7401	1
0R	普通电阻	R1, R7, R8, R9, R10	RES_0402	RES	5
100K	普通电阻	R2, R13	RES_0402	RES	2
1K	[NoValue], 普通电阻	R3, R46	RES_0402	10K, RES	2
10K	普通电阻, [NoValue]	R4, R12, R14, R34, R35, R36, R37, R38, R39, R41	RES_0402	RES, R_0Q_0603	10
10R	R1210	R5	R 0805_L	R 1M R0603 5%	1
0R	贴片电阻	R6	R 0603_L	Res1	1
1A	普通电阻	R11	0805_R	RES	1
22K	普通电阻	R16	RES_0402	RES	1
5.1K	普通电阻	R30, R32	RES_0402	RES	2
75K	普通电阻	R31, R33	RES_0402	RES	2
91K	普通电阻	R42	LC-0603_R	RES	1
2.2K	普通电阻	R44, R45	RES_0402	RES	2
RST	Switch	RST1	TSW 3*6*4.3-S-W	SW-PB	1
M2铜柱	铜柱	SP1, SP2, SP3, SP4	M2 1MM 3.5 6.5	铜柱小焊盘	4
SPEAKER	MX1.25mm 立贴	SPE1	MOLEX 53398-0271	Header 4	1
SS-1270R		SW1	SW-TH_MSK01-AG1.5	SS-1270R	1
CH343P		U1	QFN16_3*3_PAD	CH343P	1
ES8311		U4	ES8311	ES8311-S	1
ESP32S3-WROOM-1(N16R8)		U8	ESP32S3-WROOM-1	ESP32S3-WROOM-1	1
NS4150		U10	MSOP-8	LM4871	1
ETA9742		U11	SOIC-8(add 9pin)	ETA9742	1
SY7200		UP1	SOT23-6	SY7200	1