

Comment	Description	Designator	Footprint	LibRef	Quantity
Battery	Multicell Battery	BAT 1	BAT-3	Battery	1
22pF		C1, C2, C35, C38	LC-0402_C	C	4
1uF/ 50V	Capacitor	C3, C4, C10, C12, C13, C21, C31	LC-0603_C	Cap	7
1uF/ 6.3V		C5, C24, C29, C36	LC-0402_C	C	4
100nF		C6, C7, C8, C17, C19, C28, C33, C34, C37, C40, C41	LC-0402_C	C	11
3nF		C9	LC-0402_C	C	1
10nF		C11, C39	LC-0402_C	C	2
4.7uF/ 50V	Capacitor	C14, C18, C20, C26, C30	LC-0603_C	Cap	5
22uF/ 10V	Polarized Capacitor (Surface Mount)	C15, C55	LC-0805_C	C, Cap Pol3	2
10uF/ 10V		C16	LC-0603_C	C	1
1.0pF		C22	LC-0402_C	C	1
NC		C23, Cm1, Cn2	LC-0402_C	C	3
270pF		C25, C27	LC-0402_C	C	2
10uF/ 16V		C32, C42, C48, C53	LC-0603_C	C, CAP NP	4
100nF		C43, C46, C47, C50, C52, C56	LC-0603_C	C, CAP NP	6
1uF/ 6.3V		C44, C45	LC-0603_C	C	2
22uF/ 16V	Polarized Capacitor (Surface Mount)	C49	LC-0805_C	Cap Pol3	1
47uF/ 16V	Polarized Capacitor (Surface Mount)	C51	LC-0805_C	Cap Pol3	1
47uF/ 10V	Polarized Capacitor (Surface Mount)	C54	LC-0805_C	Cap Pol3	1
100pF		Cv1	LC-0402_C	C	1
MBR0530		D1, D2, D3	LC-SOD-323	M7	3
1N4148	Default Diode	D4, D9, D10	LC-SOD-323	Diode, M7	3
D202		D5	LC-SOD-323	M7	1
1N4148		D6, D8	LC-SOD-323	M7	2
IN5819		D7	SDO123	DIODE ZENER 4_1	1
2.0nH(高频)	Power Inductor, 4.7uH, 0.7A, 260mR DCR	L1	LC-0402_L		1
FB0603/ 600R/ 500 MA	Inductor	L2, L5	LC-0603_L	Inductor	2
BRC2016T100K	Power Inductor, 4.7uH, 0.7A, 260mR DCR	L3	0806		1
47nH	Inductor	L4	LC-0603_L	Inductor	1
Blue		LED1	LC-0402_R	LED	1
Red		LED2	LC-0402_R	LED	1
6P		P1	EPD1.54_LED	6P	1
锂电池	Header, 2-Pin	P2	2P~1.27mm	MHDR1X2	1
SI1308EDL	N-Channel Power MOSFET	Q1	SOT-23 - GDS	NMOS-2	1
AO3400		Q2, Q3	SOT-23 - GDS	FDN335N	2
SI2307		Q4	SOT-23 - GDS	PWRMOSFET_EP DGS_0	1
PMBT3904		Q5	SOT-23 - BCE	PMBT3904	1
SI2301		Q6, Q7	SOT-23 - GDS	PWRMOSFET_EP DGS_0	2
20K		R1	LC-0402_R	R	1
100K		R2, R3, R15, R16, R19, R20, R21, R24	LC-0402_R	R	8
2K		R4, R22, R25	LC-0402_R	R	3
10K		R5, R17	LC-0402_R	R	2
0.47R		R6	LC-0402_R	R	1
0R		R7, Rx1	LC-0402_R	R	2
100K%1	Resistor	R8, R10	LC-0402_R	Res2	2
1K	Resistor	R9, R12, R18, RM1	LC-0402_R	R, Res2	4
22R		R11, R13, R14	LC-0402_R	R	3
FASU(0603~750M A)		R23	LC-0603_L	R	1
100R	Resistor	RM2	LC-0402_R	Res2	1
SW-PB	Switch	S1, S2	TS-019B	SW-PB	2
40MHZ		U1	XTAL3225	CRY-D3225	1
FPC24(0.5MM)		U2	EPD1.54(上接翻盖, 0.5MM)	EPAPER	1
W25Q32		U3	SOIC8_L5.3-W5.3-P1.27-LS8.0-BL	GD25LQ128DSIGR	1
ESP32		U4	QFN48	ESP32	1
LG776L		U5(NC)	LG776L	LG776L	1
SGM2202-2.8AYN5G/ TR		U6	LC-SOT-23-5	SGM2202-3.3AYN5G/ TR	1
TYPEY-C		U7	TYPE-C3.0	TYPEY-C	1
TP4054		U8	LC-SOT-23-5	TP4054	1
AP2112K-3.3V(IRT9013)		U9	LC-SOT-23-5	AP2112K-3.3V	1
TIANX		XX1	ANT_L_TYPEA_M RROR	TIANX	1
TIAN		XX2	ANT_JACK	TIANX	1
32.768KHZ(SMD-20)	XTAL SMD 2012_32	Y1	FC-12M_L2.0-W1.2	XTAL_SMD2012_32	1