





Comment	Description	Designator	Footprint	LibRef	Quantity
SIP-1		BAT+, BAT-, L+, L-, LED+, LED-, PV+, PV-	SIP-1	SIP-1	8
105/ 100V		C1	0805-C	C-3	1
104		C2, C4, C7, C8, C9, C11, C13, C14, C15, C18, C19, C20, C21, C22, C25, C26, C31, C33, C38	0805-C	C-3	19
100UF/ 63V		C3	CAP10*12.5MM	C-4	1
100UF/ 100V		C5, C6	CAP10*12.5MM	C-4	2
106		C10, C12, C27, C30, C34	0805-C	C-3	5
22UF		C16, C17	1210-C	C-3	2
100UF/ 25V		C23	CAP4*7MM	C-4	1
100UF/ 63V		C24	CAP4*7MM	C-4	1
104/ 100V		C28	0805-C	C-3	1
22UF/ 100V		C32	1210-C	C-3	1
LED1	Typical RED GaAs LED	D1, D2, D3	LED-1	LED1	3
SMBJ60CA		D4	SMB-1	VDz	1
		D5	SMC-1	VDz	1
SD101AW		D6, D7	SOD-123	D	2
1N5822		D8	D_M7	D	1
SS14		D10, D15	D_M7	D	2
1N5822		D12	D_M7	D	1
BZT52-C12		D13	SOD-123	D-Z	1
MBP30100DC		D14	TO220H2	D	1
SIP-4		J1, J3	sip-4	SIP-4	2
COAX-F	RF Coaxial PCB Connector, MCX; Thru-Hole, Right-Angle Mount Socket, Blunt Post Terminal, 50 Ohm Impedance	J9	MCX5.08-H5	COAX-F	1
INDUCTOR		L1	L-1	INDUCTOR	1
68UH		L2	L-7.5*7.5	INDUCTOR	1
47K		NTC1	HDR1X2	NTC	1
Header 3	Header, 3-Pin	P1	HDR1X3	Header 3	1
8050		Q2	SOT23	8050-S	1
8550-S		Q3	SOT23	8550-S	1
1K		R1, R2, R4, R34, R36, R38	0805-R	R-2	6
10K		R5, R15, R16, R45	0805-R	R-2	4
1.5K		R6	0805-R	R-2	1
10R		R7, R11	0805-R	R-2	2
300K、 1%		R8, R9, R22, R24	0805-R	R-2	4
30K		R10, R25	0805-R	R-2	2
10K、 1%		R12, R14, R18, R19, R31, R32, R40	0805-R	R-2	7
62K		R13	0805-R	R-2	1
20mR、 1%		R17, R20, R21	2512	R-2	3
560		R27	0805-R	R-2	1
100K、 1%		R28	0805-R	R-2	1
180K、 1%		R29, R41	0805-R	R-2	2
2.7K、 1%		R30	0805-R	R-2	1
300K		R33	0805-R	R-2	1
0		R35	0805-R	R-2	1
2.7K		R42	0805-R	R-2	1
100		R44	0805-R	R-2	1
3.3K		R46	0805-R	R-2	1
IRFB4110		U1, U2	TO220H2	MOS-N	2
LM258		U3	SOP8	LM358	1
RU75230S		U4, U6	TO-263	MOS-N	2
AZ1117-3V3	Voltage Regulator	U7	TO-252-1	Volt Reg	1
4463RF		U9	4463RF	4463RF	1
IR2110S		U*1	SOIC16W	IR2110S	1
STM32F030C8T6		U*2	SOP-48	STM32F030C8T6	1
LM2596-12		VR1	TO-263-5	LM25XX	1