



Comment	Description	Designator	Footprint	LibRef	Quantity
10nF	Capacitor	C2	SMD_805	Cap	1
100nF	Capacitor	C3, C4, C5, C10, C11	SMD_805	Cap	5
330uF	Polarized Capacitor (Radial)	C6	C_CYL_SMD	Cap Pol1	1
100uF	Polarized Capacitor (Radial)	C7, C8	C_B	Cap Pol1	2
22pF	Capacitor	C21	SMD_805	Cap	1
1uF	Polarized Capacitor (Radial)	C22	CAP_SMD_A	Cap Pol1	1
SM5822	Schottky Rectifier	D1	DO_214_AB_SMC	Diode 11DQ03	1
LED0	Typical INFRARED GaAs LED	D2, D7	SMD_805	LED0	2
FERRIT	Fuse	FB1, FB2	smd_805	Fuse 1	2
COAX-F	RF Coaxial PCB Connector, MCX; Thru-Hole, Right-Angle Mount Socket, Blunt Post Terminal, 50 Ohm Impedance	J1	SMA	COAX-F	1
33uH	Inductor	L1	INDUC_SMD	Inductor	1
Screw	Board Screw With Spacer	M1, M2	Board Screw_No Silk	Board Screw	2
Header 7X2	Header, 7-Pin, Dual row	P1	HDR2X7	Header 7X2	1
BC817	NPN Bipolar Transistor, NPN General Purpose Amplifier	Q1, Q2, Q3, Q4	SOT23	NPN, 2N3904	4
RPot	Potentiometer	R8	POT	RPot	1
10K	Resistor	R9, R17, R18, R32	SMD_805	Res1	4
680	Resistor	R12, R14, R28	SMD_805	Res1	3
6.8K	Resistor	R13	SMD_805	Res1	1
1K	Resistor	R15, R16, R19, R20, R27, R31	SMD_805	Res1	6
5.6K	Resistor	R21	SMD_805	Res1	1
47	Resistor	R33, R55, R56	SMD_805	Res1	3
SIM_CARD_SOCKET		SIM1	SIM_CARD HOLDER	SIM_CARD_SOCKET	1
SMF05C		TVS1	SMF05C_6L	TVS_ARRAY	1
LM2596T-ADJ	SIMPLE SWITCHER Power Converter 150 KHz 3A Step-Down Voltage Regulator	U2	LM2576_SMD	LM2596T-ADJ	1
SIM800C		U4	SIM800C_3D	SIM800C	1