

Comment	Description	Designator	Footprint	Quantity
106	Capacitor	C1	0805C	1
104	Capacitor	C2, C3, C4, C5,	0805C	5
47uF/350V	Polarized Capa	C6	CAPPR5-5x5	1
10uF	Polarized Capa	C7	TAJB	1
47uF/50V	Polarized Capa	C8	CAPPR5-5x5	1
2PIN		CON1	SIP2	1
PNP		CON2	SIP3	1
M7	Schottky Diode	D1	SMB	1
p4ke47 (one-w	Schottky Diode	D2	SMB	1
0.5A	Fuse	F1	1812	1
8050	8050	QS1	ST-32	1
100K	Resistor	R1, R6	0805	2
1K	Resistor	R2	0805	1
10K	Resistor	R3, R4, R5, R9	0805	4
22R	Resistor	R12	0805	1
EC-2540EM	bluetooth	U1	CC2540-EM	1
HT7533-3.3V	HOLTEK FOR PC	U2	SOT89	1
EL357		U3	TLP181	1
SI2309	MOSFET	V1	SOT-23	1
NJK-5002A	sensor	NPN		

Comment	Designator	Footprint	Quantity	Value
PCB				
Cap	C1	0402-A	1	C_2U2_0402
Cap	C101, C211, C241, C271, C311, C351	0402-A	6	C_100N_0402
Cap	C221, C231	0402-A	2	C_12P_0402
Cap	C251, C261	0402-A	2	C_18P_0402
Cap	C252, C253, C262	0402-A	3	C_1P0_0402
Cap	C272	0402-A	1	C_220P_0402
Cap	C321, C331	0402-A	2	C_15P_0402
Cap	C391, C401	0402-A	2	C_1U_0402
Res2	R301	0402-A	1	R_56K_0402
Inductor	L1	0402-A	1	L_BEAD_102_0402
Inductor	L252, L261	0402-A	2	L_2N0_0402
Inductor	L253	0402-A	1	L_3N0_0402
Inductor	L254	0402-A	1	L_1N0_0402

CC2540F256	U1	QFN40	1	
32M-3225	X1	X3225	1	32M
32K-3216	X2	3216[1206]	1	32.768K-3216