

#	RefDes	Quantity	Value	Name	Manufacturer/Source	Part Number
1	C14	1	100pF	NP0 Ceramic Capacitor	Mouser	810-FA28NP02A101JNU6
2	C6, C15	2	0.01uF	MLCC	Tayda Electronics	A-1366
3	C2, C3, C4, C5, C8, C9, C10, C11, C13	9	0.1uF	MLCC	Tayda Electronics	A-5705
4	C7, C12	2	1uF	X7S Ceramic Capacitor	Mouser	810-FG24X7S2A105KRT0
5	C1	1	47uF	25 VDC Electrolytic	Tayda Electronics	A-5713
6	D1	1	1N5817/8	Schottky Diode	Tayda Electronics	A-159
7	D2, D4, D6	3	1N4007	Si Diode	Tayda Electronics	A-155
8	D3, D5, D7, D8	4	1N914	Si Diode	Tayda Electronics	A-615
9	J1	1	12 Volts	Power Jack 2.1mm	Tayda Electronics	A-4118
10	J2	1	Interconnect	5-Pin Header	Tayda Electronics	A-197
11	J3	1	Pwr Switch	2-pin header	Tayda Electronics	Part of A-197
12	J4	1	Pwr LED	2-pin header	Tayda Electronics	Part of A-197
13	J5	1	Rx_Input	BNC Connector	TE Connectivity (Mouser)	571-2269901
14	J6	1	Tx_Input	BNC Connector	TE Connectivity (Mouser)	571-2269901
15	J7	1	Antenna	BNC Connector	TE Connectivity (Mouser)	571-2269901
16	L1/Molded, L6/Molded, L7/Molded, L8/Molded, L9/Molded	5	100uH	Molded Inductor	Tayda Electronics	A-193
17	Q1, Q2, Q4, Q5, Q7	5	BS170	MOSFET	Tayda Electronics	A-096
18	Q3, Q6	2	PN2907A	PNP Transistor	Tayda Electronics	A-108
19	R2, R7, R9	3	220/2W	Metal Film Resistor	Tayda Electronics	A-2538
20	R3, R8	2	470	1/4 Watt Resistor	Tayda Electronics	A-2247
21	R1, R6	2	1.5k	1/4 Watt Resistor	Tayda Electronics	A-2202
22	R12	1	2.2k	1/4 Watt Resistor	Tayda Electronics	A-2341
23	R4, R5, R10, R11	4	10k	1/4 Watt Resistor	Tayda Electronics	A-2203
24	Misc. part	6	2-56 X 1/4	Self Tapping Screw	McMaster-Carr	94629A110