

RefDes	Value	Quantity	Mouser P/N	Digi-Key P/N			Kits&Parts P/N	Mini-Circuits	Canville Labs	Type	Cost
C1, C2	15pf	2		311-1060-1-ND						CAP_0805	0.095
C10, C13, C18, C20, C22, C5, C6, C7, C8, C9	.1uf	10	603-CC206KRX7R9BBI04							CAP_1206	0.21
C11, C12, C14	.01uf	3		445-2331-1-ND						CAP_0805	0.22
C16, C17	180pf	2		311-4220-2-ND						CAP_0805	0.054
C19	10uf	1	1810-CNC5LX7R1E106K16							CAP_1206	0.713
C3, C4	10pf	2	603-CC805JRNPO9BN100							CAP_0805	0.043
Choke1	80 uh 8T #30 on BN-43-2402	1					BN-43-2402			IND BN-43-2402	0.24
D1, D2	1N5711W	2	621-1N5711W-F							DIODE_0805	0.198
EEPROM1	1K	1	1700-DS28E07+							DS28E07	1.14
IC1, IC2	AD8307	2	584-AD8307ARZ-R7							Log Amp	16.58
IC3	LM358FVJ-E2	1	755-LM358FVJ-E2							LM388	0.63
IC4	LMH6647MF/NOPB	1	926-LMH6647MF/NOPB							SOT-363/Q2.7	1.88
J1	Transciever	1							SO-239A	SO-239	1.25
J2	Antenna	1							SO-239A	SO-239	1.25
J3	Coupler Output	1	806-GDLX-A-88							RJ45F	0.62
L1, L2, L3, L4	82nH	4	994-0805CS-820XJLC							IND_1206	0.952
L5, L6	22nH	2	994-0805CS-220XJLC							IND_1206	0.925
L7	680uH	1	963-LB3218T681K							IND_1210	0.089
P10, P11, P12, P9		4								Ground Mounting Hole	
Pad1, Pad2	15db	2						TB-PAT-15+		Fixed Attenuator	3.65
R1, R2, R5, R6	100 ohm	4	279-CRGP2512F100R							RES_2512	0.223
R10, R8, R9	4.7k	3	652-CR1206-JW-472ELF							RES_1206	0.008
R11, R12	52.3 ohm	2	71-CRCW1206-52.3-E3							RES_1206	0.033
R13, R23	20k	2	652-CR1206-JW-100ELF							RES_1206	0.02
R14, R17, R18, R22	1k	4		311-130HRCT-ND						CR0805	0.009
R15	32.4K	1	652-CR1206-JW-100ELF							RES_1206	0.02
R16	32.4k	1	652-CR1206-JW-100ELF							RES_1206	0.02
R19	1k	1	652-CR1206-JW-102ELF							RES800	0.008
R20, R21	130 ohm	2		311-130HRCT-ND						CR0805	0.009
R3, R4	68 ohm	2	279-CRGP2512F68R							RES_2512	0.428
R7	100 ohm	1	652-CR1206JW-101ELF							RES_1206	0.02
T1	FT50-43	1					FT50-43			SWR Bridge Current	0.26
T2	FT82-43x2	1					FT82-43			SWR Bridge Voltage	1.4
U1	IC	1	139-MAR-6SM							MAR-6SM+	2.81
VR1, VR2, VR3, VR4	50k	4	81-PVG5A503C03B00							POT	2.56

0.19
2.1
0.66
0.108
0.713
0.086
0.24
0.396
1.14
33.16
0.63
1.88
1.25
1.25
0.62
3.808
1.85
0.089
0
7.3
0.892
0.024
0.066
0.04
0.036
0.02
0.02
0.008
0.018
0.856
0.02
0.26
1.4
2.81
10.24
74.18