

O-17 (AKA Ozark 17) Bill Of Materials – BOM

O-17 (AKA Ozark 17) Bill Of Materials – BOM					
R1,	280 Ω – 1206 SMD (value between 270 and 300Ω)		C1, C2, C11, C13, C14, C40, C44, C45, C46, C47, C48, C49, C50, C51, C52	0.01 uF – 1206 SMD	
R2, R3, R7, R30	475 (470Ω ok) – 1206	475Ω supplied	C3, C4, C5, C6	390 pF – 1206	
R4, R8, R26, R27, R34, R38	10 – 1206		C7, C56	270 pF – 1206	
R5, R24, R29	22k – 1206		C8, C22	120 pF – 1206	
R6, R9, R12, R28, R32, R36, R37, R39	10k – 1206		C9, C10, C12, C43	56 pF – 1206	
R10, R33,	3.3k – 1206		C15,	10 pF – 1206	
R11, R35, R40	120 – 1206		C16, C41, C42, C57	22 pF – 1206	
R13, R14, R31,	180 – 1206		C17, C18, C55	470 pF – 1206 SMD – 50 V	
R15	33 – 1206		C19, C20, C24, C25, C28, C31, C32, C35, C37, C38, C53	0.1 uF – 1206	
R16, R17	7.5k – 1206		C21	68 pF – 1206	
R18, R19, R22	510k – 1206		C23	0.047 uF – 1206	
R20	7.5M – 1206		C26, C27, C54	180 pF – 1206	
R21, R23, R25	1M – 1206		C29	2700 pF – 1206	
R41, R42, R43	3.3 – 1206		C30	1200 pF – 1206	
Rx VFO, RVol, TxVXO	10k POTs		C33, C36	1uF Elec. SMD 16v	
			C34, C39 (CVol)	33uF Elec. SMD 10v	

L1	26t # 30 – T37-2		Y1, Y2, Y3, Y5	6.000 MHz -Leaded	
L2	560nH – 1810 SMD or Leaded		Y4	12.096 MHz - Leaded	
L3, L6	4.7uH – 1810 SMD or Leaded		Y6	18.096 MHz - Leaded	
L4, L5	15uH – 1810 SMD or Leaded		Mixer	ADE-1	
L7, L8	6.8uH – 1810 SMD or Leaded		Q1, Q2, Q4, Q5	2N2222 – SOT or Leaded	
L9	6t #24 or #26 – T37-43		Q3	J310 – SOT or 2N5684 Leaded	
L10, L11	12t #24 or #26 – T37-6		Q6	2N3904 – SOT or Leaded	
T1	16t Pri. – 3t Sec. – #28 or #30 - T37-43		Q7, Q8, Q9	PZT2222 – SOT 223	
			U1	MMIC – GALI-S66+	
D1, D2, D4, D5, D6, D7, D8	1N4148 or 1N914 - SMD		U2	SA602 – SOIC or Leaded	
D3, D9	1N4004 Leaded		U3	NE5532 - Leaded or TS922 - SOIC	
DZ1	10V ½ to 1W Zener 1N4740 or 1N5249		U4	LM78L08 – Leaded or L78M08 SMD	