

EV KIT BILL OF MATERIALS (IF=190MHz)

DESIGNATION	QTY	DESCRIPTION
C1, C6, C18, Z1, C19	5	100pF 5% ceramic capacitor (0402) Murata GRM36C0G101J050
C4, C22	2	0.068μF 10% ceramic capacitor (0402) Murata GRM36X7R682K25
C8	1	82pF 5% ceramic capacitor (0402) Murata GRM36C0G820J050
C2, C27,C7	2	0.8pF ±0.1pF ceramic capacitor (0402) Murata GRM36C0G0R8B50
C12, C13, C24, C25, C26	5	0.01μF 10% ceramic capacitors (0402) Murata GRM36X7R103K016
C14, C15	2	27pF ±0.1pF ceramic capacitor (0402) Murata GRM36C0G270J50
C16	1	18pF ±0.1pF ceramic capacitor (0402) Murata GRM36C0G180J50
C20	1	1000pF 10% ceramic capacitor (0603) Murata GRM39X7R102K050
C23	1	22pF 5% ceramic capacitor (0402) Murata GRM36C0G220J050
C21	1	10μF 10V 20% tant capacitor (B case) AVX TAJB106M010
C3, C5, C10, C11, C17	0	Not Installed
L1	1	2.2nH inductor (0402) Toko LL1005_FH_2N2S
L4	1	1.8nH Inductor (0402) Coilcraft 0402CS-1N8X_BG
L7	1	2.2nH Inductor (0402) Coilcraft 0402CS-2N2X_BG
L2, L3	2	36nH Inductor (0603) Coilcraft 0603CS_36NX_BC
R1	1	20Ω 5% resistor (0402)

R2, R3	2	10k Ω 5% resistor (0402)
R4	1	10k Ω 1% resistor (0402)
R5	1	24k Ω 1% resistor (0402)
T1	0	Not Installed
T2	1	Balun Transformer (B4F type) TOKO 617DB-1018
LNA_IN, LNA_OUT, LO, MIX_IN, IF	5	SMA Connector (PC Edge Mount) EF Johnson 142-0701-801
JU1, JU2	2	3 pin header
None	2	Shunt for JU1-JU12
VCC, GND,	2	Test Point Mouser 151-203
U1	1	MAX2387/88/89EGC (12 MLF)

EV KIT BILL OF MATERIALS (IF=380MHz)

Use the BOM in the previous section and replace the following components:

	DESIGNATION	QTY	DESCRIPTION	
	C14, C15	2	18pF $\pm$ 0.1pF ceramic capacitor (0402) Murata GRM36C0G180J50	
	C16	1	12pF $\pm$ 0.1pF ceramic capacitor (0402) Murata GRM36C0G120J50	
	L2, L3	2	12nH Inductor (0603) Coilcraft 0603CS_12NX_BC	
	R4	0	Not Installed	