



MAX2047EVKit BILL OF MATERIAL

Date:1/20/03
 BOM REV: A
 SCHEMATIC REV: A
 BOARD REV: B

	DESIGNATION	QTY	DESCRIPTION	Maxim Part #
*	C1- C16	16	47pF 5% 50V C0G CER CAP (0402) Murata: GRP1555C1H470J	ECM0128
*	C17	1	0.01uF 10% 25V X7R CER CAP (0402) Murata: GRP155R71E103K	EC0447
*	L1	1	15 nH 5% CHIP IND (0402) Toko: LL1005-FH15NJ	EL0708
*	L2	1	39nH 5% CHIP IND (0402) Toko: LL1005-FH39NJ	EL0709
	R1	1	280 Ohm 1% Resistor (0402) Any	ER0104022800
	R3, R5	2	0 Ohm Resistor (0402) Any	ER0104020R00
	R2, R4, R6	0	Not Installed	
*	T1	1	1:1 Balun (50:50) Murata LDB20C500A900	ET0105
*	T2	1	4:1 Balun (200:50) Murata LDB20C201A900	ET0106
	J3	1	Header 2x10 (0.100 spacing for .062 " thick board) Molex 10-89-1201 or Equivalent	EH0139
*	J1, J2	2	PCB Edge Mount SMA RF Connector (Flat tab launch) Johnson: 142-0741-856	EH0092
*	U1	1	Vector Multiplier IC (5x5mm QFN32 exp paddle) Maxim: MAX2047ETJ NOTE:U1 HAS AN EXPOSED PADDLE CONDUCTOR WHICH REQUIRES IT TO BE SOLDER ATTACHED TO A GROUNDED PAD ON THE CIRCUIT BOARD TO ENSURE A PROPER ELECTRICAL/THERMAL DESIGN.	EU01082
	PCB	1	PC Board (2" x 2") MAX2047EVKIT Rev B	