



MAX2009EVKIT BILL OF MATERIAL

Date: 7/3/03
 BOM REV: B
 SCHEMATIC REV: B
 BOARD REV: B

	DESIGNATION	QTY	DESCRIPTION	Maxim Part #
	C1, C6, C8, C10	4	8.2 pF +/- 0.25pF 50V C0G CER CAP (0402) Murata: GRP1555C1H8R2C	ECM0037
	C2, C3	2	1.5pF +/- 0.1pF 50V C0G CER CAP (0402) Murata: GRP1555C1H1R5B	ECM0058
	C4, C5	2	0.01uF 10% 50V X7R CER CAP (0603) Murata: GRM188R71H103K	ECM0013
	C7, C9	2	0.5pF +/- 0.1pF 50V C0G CER CAP (0402) Murata: GRP1555C1HR50B	ECM0022
	C11, C12	0	Not Installed	
	R1, R2, R3	3	1K Ohm 5% Resistor (0402) Any	ER0504021001
	VR1, VR2	2	Hyperabrupt Varactor Diode Skyworks: SMV1232-079	
	J1, J2, J3, J4	4	PCB Edge Mount SMA RF Connector (Flat tab launch) Johnson: 142-0741-856	EH0092
	J5	1	Header 2x10 (0.100 spacing for .062 " thick board) Molex 10-89-1201 or Equivalent	EH0139
	U1	1	Pre_Distortor IC (5x5mm QFN28 exp paddle) Maxim: MAX2009ETI-T 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.	EU_____
	PCB	1	PC Board (2" x 2") MAX2009EVKIT REV B	