



MAX2021 EVKIT BILL OF MATERIAL

Date:2/9/06
 BOM REV: B
 BOARD REV: B

	DESIGNATION	QTY	DESCRIPTION	Maxim Part #
*	C2, C5, C8, C11, C12	5	0.1uF ±10% 16V X7R CER CAP (0603) Murata: GRM188R71C104K Pb-Free	ECM0061
*	C1, C6, C7, C10, C13	5	33 pF ±5% 50V C0G CER CAP (0402) Murata: GRM1555C1H330J Pb-Free	ECM0066
*	C3	1	82pF ±5% 50V C0G CER CAP (0402) Murata: GRM1555C1H820J Pb-Free	ECM0050
	C9	1	8.2 pF ±0.25 pF 50V C0G CER CAP (0402) Murata: GRM1555C1H8R2C Pb-Free	ECM0037
	R1	1	432 Ohm ±1% Resistor (0402) Any, Pb-Free only	ER0104024320
	R2	1	619 Ohm ±1% Resistor (0402) Any, Pb-Free only	ER0104026190
	R3	1	332 Ohm ±1% Resistor (0402) Any, Pb-Free only	ER0104023320
	R4 – R7	0	Not Installed	
	R8 – R11	0	Not Installed	
	L1 – L4	0	Not Installed	
	C14 - C25	0	Not Installed	
	J1 - J6	6	PCB Edge Mount SMA RF Connector (Flat tab launch) Johnson: 142-0741-856 Pb-Free	EH0092
	J7, J8	2	Header 1X3 (0.100 spacing 0.062 inch thick board) 36 PIN HEADER 0.1 CENTERS (COMES IN 36 PIN STRIPS, CUT TO FIT) SULLINS: PTC36SAAN or Equivalent DIGIKEY: S1012-36-ND Pb-Free	EH0072
*	U1	1	Active Mixer IC (6x6mm QFN36 exp paddle) Maxim: MAX2021ETX+ Pb-Free 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.	EU01789
	TP1	1	Large Test Point for 0.062" PCB (Red) Kobiconn: 151-107-RC Mouser: 151-107-RC Pb-Free or Equivalent	EH0104



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TP2	1	Large Test Point for 0.062" PCB (Black) Kobiconn: 151-103-RC Mouser: 151-103-RC Pb-Free or Equivalent	EH0105
TP3, TP4	2	Large Test Point for 0.062" PCB (White) Kobiconn: 151-101-RC Mouser: 151-101-RC Pb-Free or Equivalent	EH0106
---	1	PC Board MAX2021EVKit REV B	---

* Maxim Supplied

Pack-Out BOM

QUANTITY	Description	E-Number
1	Box (Labeled with EVKIT Part Number and Date Code) Maxim Box 1 (Standard Box) size is: 9-3/16" x 7" x 7/8	---
1	WEB instructions for Maxim Data Sheet	---
1	ESD BAG, Unsealed (sufficient in size to allow easy removal of circuit board assembly)	---
1	ESD Foam Packing Material (To prevent PCB from moving within the box)	---
1	MAX2021EVKIT Circuit board assembly	---

Revision History:
Rev A Release, Date: 2/9/06