MAX2022 EV KIT BILL OF MATERIAL

Date:5/12/05
BOM REV: A
BOARD REV: A
Evkit Engineer: Steve Jurgiel

	DESIGNATION	QTY	DESCRIPTION	Maxim Part #
*	C2, C5, C8, C11, C12	5	0.1uF ±10% 16V X7R CER CAP (0603) Murata: GRM188R71C104K	ECM0061
*	C1, C3, C4, C6, C7, C10, C13	7	22 pF ±5% 50V C0G CER CAP (0402) Murata: GRM1555C1H220J	ECM0523
*	C9	1	1.2 pF ±0.1 pF 50V C0G CER CAP (0402) Murata: GRM1555C1H1R2B	ECM003
	R1	1	432 Ohm ±1% Resistor (0402) Any, Lead-free only	ER0104024320
	R2	1	562 Ohm ±1% Resistor (0402) Any, Lead-free only	ER0104025620
	R3	1	301 Ohm ±1% Resistor (0402) Any, Lead-free only	ER0104023010
	R4, R7, R8, R11	4	0 Ohm Resistor (0402) Any, Lead-free only	ER0104020R00
	R5, R6, R9, R10, R12, R13, R14, R15	0	Not Installed	
	J1, J2, J3, J4, J5, J6	6	PCB Edge Mount SMA RF Connector (Flat tab launch) Johnson: 142-0741-856	EH0092
*	U1	1	Active Mixer IC (6x6mm QFN36 exp paddle) Maxim: MAX2022ETX **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.**	EU01662
	TP1	1	Large Test Point for 0.062” PCB (Red) Mouser: 151-107 or Equivalent	EH0104
	TP2	1	Large Test Point for 0.062” PCB (Black) Mouser: 151-103 or Equivalent	EH0105
	TP3	0	Not Installed	
	N/A	1	PC Board MAX2022EVKIT	N/A

*** Maxim Supplied**

MAX2022 EV KIT BILL OF MATERIAL

Date:5/12/05
BOM REV: A
BOARD REV: A
Evkit Engineer: Steve Jurgiel

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	N/A
1	WEB instructions for Maxim Data Sheet	N/A
1	ESD BAG, Unsealed (sufficient in size to allow easy removal of circuit board assembly)	N/A
1	ESD Foam Packing Material (To prevent PCB from moving within the box)	N/A
1	MAX2022EVKIT Circuit board assembly	N/A

Revision History:
Rev A Release, Date: 5/12/05