

Part Number: MAX9930EVKIT+
BOM REV: B

- Lead-free & RoHS Compliant.**
 RoHS Compliant Only.
 Non-Compliant. Explain:

Supplied by Maxim = *

Component Status: Lead-free & RoHS Compliance = Y, Non-Compliant = N, RoHS Compliant Only = R

RoHS	DESIGNATION	QTY	PART DESCRIPTION	E-Number
* Y Y	C1	1	33pF ±5%, 50V C0G ceramic capacitor (0402) TDK C1005C0G1H330J	EC0774
* Y Y	C2,C4	2	100pF ±5%, 50V COG ceramic capacitor (0402) TDK C1005COG1H101J	ECM0122
* Y Y	C3	1	2200pF ±10%, 50V X7R ceramic capacitor (0402) TDK C1005X7R1H222K Taiyo Yuden UMK105BJ222KW	EC1164 EC0658
* Y	C5, C7, C8	3	0.1µF ±10%, 10V X5R ceramic capacitor (0402) TDK C1005X5R1A104K Taiyo Yuden LMK105BJ104KV	ECM0070
---	C6		Not Installed, capacitor (0402)	---
* Y Y	C9	1	22nF ±10%, 16V X7R ceramic capacitor (0402) TDK C1005X7R1C223K	EC1082
Y	JU1, JU2	2	3-pin Header 2.54MM, Comes in 36-40 Pin Strips (CUT TO FIT) RoHS Compliant Only Jameco: 160882	EH0072
Y	JU3	1	2-pin Header 2.54MM, Comes in 36-40 Pin Strips (CUT TO FIT) RoHS Compliant Only Jameco: 160882	EH0072
Y	VCC	1	TEST POINT "MINIATURE" 40MIL DRILL SIZE (RED) KEYSTONE ELECTRONICS 5000	EH0066
Y	OUT	1	TEST POINT "MINIATURE" 40MIL DRILL SIZE (YELLOW) KEYSTONE ELECTRONICS 5004	EH0486
Y	GND	1	TEST POINT "MINIATURE" 40MIL DRILL SIZE (BLACK) KEYSTONE ELECTRONICS 5001	EH0129
Y	SET	1	TEST POINT "MINIATURE" 40MIL DRILL SIZE (WHITE) KEYSTONE ELECTRONICS 5002	EH0618
Y	R1	1	52.3Ω ±1%, resistor (0402)	ER01040252R3
	R2	1	0Ω ±5%, resistor (0402)	ER0504020R00
---	R3	0	Not Installed, resistor (0402)	---
Y	R4, R5, R8	3	10kΩ ±1%, resistor (0402)	ER0104021002
Y	R6	1	100Ω 1% Resistor (0402)	ER0104021000
Y	R7	1	14.0 kΩ 1% resistor (0402)	ER0104021402
Y	RFIN	1	SMA connector (PC edge mount) EF Johnson 142-0701-801	EH0052
*Y	U1	1	MAX9930EUA+ (8-pin uMAX)	EU02090 MAX9930EUA+
* Y	U2	1	High Output Drive Op-Amp (SC70-5) Maxim MAX4412EXK+	MAX4412EXK+ EU0952
Y	---	3	Shunts Digikey S9000-ND or Equivalent	EH0071
*	---	1	PCB: MAX9930 Evaluation Kit+	---

Jumper Settings

JU1	Installed on pins 1-2
JU2	Installed on pins 2-3

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JU3	Installed
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Pack-Out BOM

RoHS	QTY	Description	E-Number
---	1	Box (Labeled with Part Number and Lot Number) Maxim Box 1: Standard Small	---
---	1	WEB instructions for Maxim Data Sheet	---
Y	1	ESD BAG, Unsealed (sufficient in size to allow easy removal of circuit board assembly)	---
Y	1	ESD Foam Packing Material (To prevent PCB from moving within the box)	---
Y	1	MAX9930EVKIT+ Circuit board assembly	---