
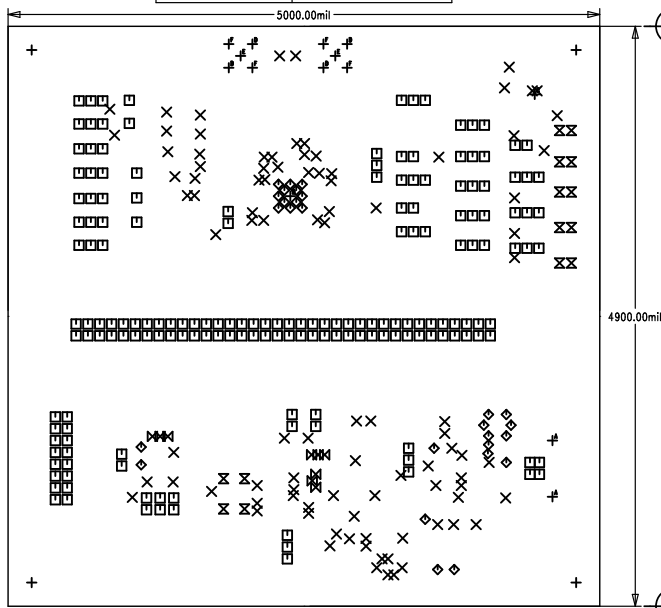


MAX9276A/MAX9280A EVKIT	
	REV A
 maxim integrated	
LAYER	DRILL & MECHANICALS
DATE:	ALL UNITS ARE IN 0.001"



NOTES: UNLESS OTHERWISE SPECIFIED

1. FABRICATE USING PROVIDED GERBER FILES PER LATEST REVISION OF IPC-A-600 UNLESS OTHERWISE NOTED.
2. MATERIAL: RoHS COMPLIANT FR-408 WITH $T_g \geq 170$ AND COMPATIBLE WITH LEAD-FREE SOLDERING PROCESS.
3. BOARD DIMENSIONS: 5.00"X4.90" ± 0.010 ". BOARD THICKNESS: 0.062"
4. LAYERS: 4. SEE LAYER STACKUP CHART.
5. MINIMUM TRACE/SPACING: 4.5 MILS/8MILS.
6. COPPER CLAD FINISH: 1oz MINIMUM ALL LAYERS
7. SURFACE MOUNT PADS: 337.
8. SOLDERMASK: GREEN LPI SMOBC.
9. LEGENDS: WHITE, SINGLE-SIDED, NON-CONDUCTIVE EPOXY INK OR EQUIVALENT. CLIPPED ALL LEGENDS FROM EXPOSED METAL.
10. PLATING: MUST BE LEAD FREE AND RoHS COMPLIANT.
11. FINISH: VENDOR SHOULD USE THE MOST ECONOMICAL LEAD FREE AND RoHS COMPLIANT PROCESS AVAILABLE OR AS SPECIFIED IN PURCHASE ORDER. APPROVED FINISH:
HASL LEAD-FREE
IMMERSION TIN
IMMERSION GOLD
12. VENDOR LOGO & DATE CODE REQUIRED IN INK ON BOTTOM SIDE ONLY. DATE CODE FORMAT MUST BE YYYY ONLY.
13. THRU HOLES: 0.001" MIN.
14. TOLERANCES:
PLATED-THRU HOLES: ± 0.003 "
PATTERN-TO-PATTERN: ± 0.005 "
LEGEND TO LEGEND: ± 0.007 "
SOLDERMASK TO PATTERN: ± 0.005 ".

	100 OHM DIFFERENTIAL		50 OHM SINGLE-ENDED		25 OHM SINGLE-ENDED		
	TRACE WIDTH	SPACING	TRACE WIDTH	TRACE WIDTH	TRACE WIDTH		
LAYER 1	N/A	N/A	N/A	4.5	N/A	1.4MIL	62 mil
LAYER 2 GND	PREPREG $\epsilon_r=3.8$					3MIL	
						1.4MIL	
	CORE					AS NEEDED	
LAYER 3 POWER						1.4MIL	
	PREPREG $\epsilon_r=3.8$					3MIL	
LAYER 4	N/A	N/A	N/A	N/A	N/A	1.4MIL	

ALL DIMENSION IN MIL (0.001 INCH) UNLESS OTHERWISE SPECIFIED.
N/A - NOT AVAILABLE. DO NOT ROUTE TRACES OF THIS TYPE ON THE INDICATE LAYERS.
IMPEDANCE TOLERANCE: $\pm 10\%$

SIZE	QTY	SYM	PLATED	TOL
125	4	+	YES	± 3.0
15	96	X	YES	± 3.0
37	180	□	YES	± 3.0
20	27	◇	YES	± 3.0
40	14	⊗	YES	± 3.0
25	9	⊕	YES	± 3.0
100	2	⊕ ^A	YES	± 3.0
35	1	⊕ ^B	YES	± 3.0
39	1	⊕ ^C	YES	± 3.0
74.8	4	⊕ ^D	YES	± 3.0
60	2	⊕ ^E	YES	± 3.0
61	4	⊕ ^F	YES	± 3.0

