
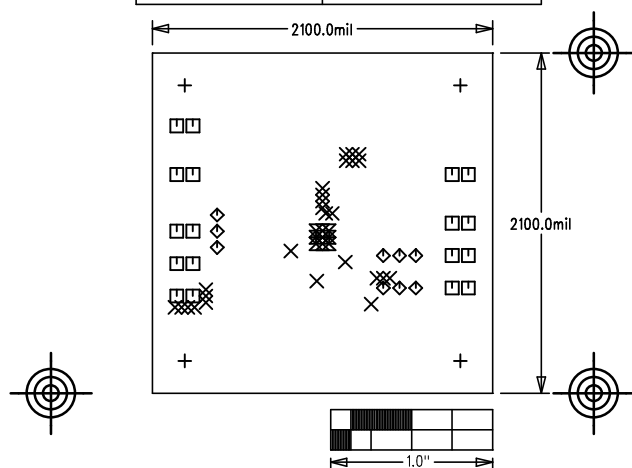


MAX17504 - 5V OUTPUT EVKIT	
P/N: EPCB17504B	REV A
 <b>maxim integrated™</b>	
LAYER	DRILL & MECHANICALS
DATE:	ALL UNITS ARE IN 0.001"



SIZE	QTY	SYM	PLATED	TOL
125	4	+	YES	+/-3
15	26	X	YES	+/-3
40	18	□	YES	+/-3
37	9	◇	YES	+/-3
20	8	⊠	YES	+/-3
35	1	⊠	YES	+/-3

## NOTES: UNLESS OTHERWISE SPECIFIED

- FABRICATE USING PROVIDED GERBER FILES PER LATEST REVISION OF IPC-A-600 UNLESS OTHERWISE NOTED.
- MATERIAL: RoHS COMPLIANT FR-408 OR SIMILAR LAMINATE MATERIAL WITH  $T_g \geq 170$  AND COMPATIBLE WITH LEAD-FREE SOLDERING PROCESS.
- BOARD DIMENSIONS: 2.10"X2.10" +/- 0.010".  
BOARD THICKNESS: 0.062"
- LAYERS: 4. SEE LAYER STACKUP CHART.
- MINIMUM TRACE/SPACING: 10MILS/8MILS.
- COPPER CLAD FINISH: 1oz MINIMUM ON ALL LAYERS.
- SURFACE MOUNT PADS: 55.
- SOLDERMASK: GREEN LPI SMOBC.
- LEGENDS: WHITE, DOUBLE-SIDED, NON-CONDUCTIVE EPOXY INK OR EQUIVALENT.  
CLIPPED ALL LEGENDS FROM EXPOSED METAL.
- PLATING: MUST BE LEAD FREE AND RoHS COMPLIANT.
- 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
- PUT VENDOR LOGO & DATE CODE IN INK ON BOTTOM SIDE ONLY. DATE CODE FORMAT MUST BE YYWW ONLY.
- THRU HOLES: 0.001" MIN.
- TOLERANCES:  
PLATED-THRU HOLES: +/-0.003"  
PATTERN-TO-PATTERN: +/-0.005"  
LEGEND TO LEGEND: +/-0.007"  
SOLDERMASK TO PATTERN: +/-0.005"

LAYER 1 TOP	1.4MIL
PRE-PREG AS NEEDED Er=3.8	
LAYER 2	1.4MIL
CORE AS NEEDED Er=3.8	
LAYER 3	1.4MIL
PRE-PREG AS NEEDED Er=3.8	
LAYER 4 BOTTOM	1.4MIL

ALL DIMENSION IN MIL (0.001 INCH) UNLESS OTHERWISE SPECIFIED.