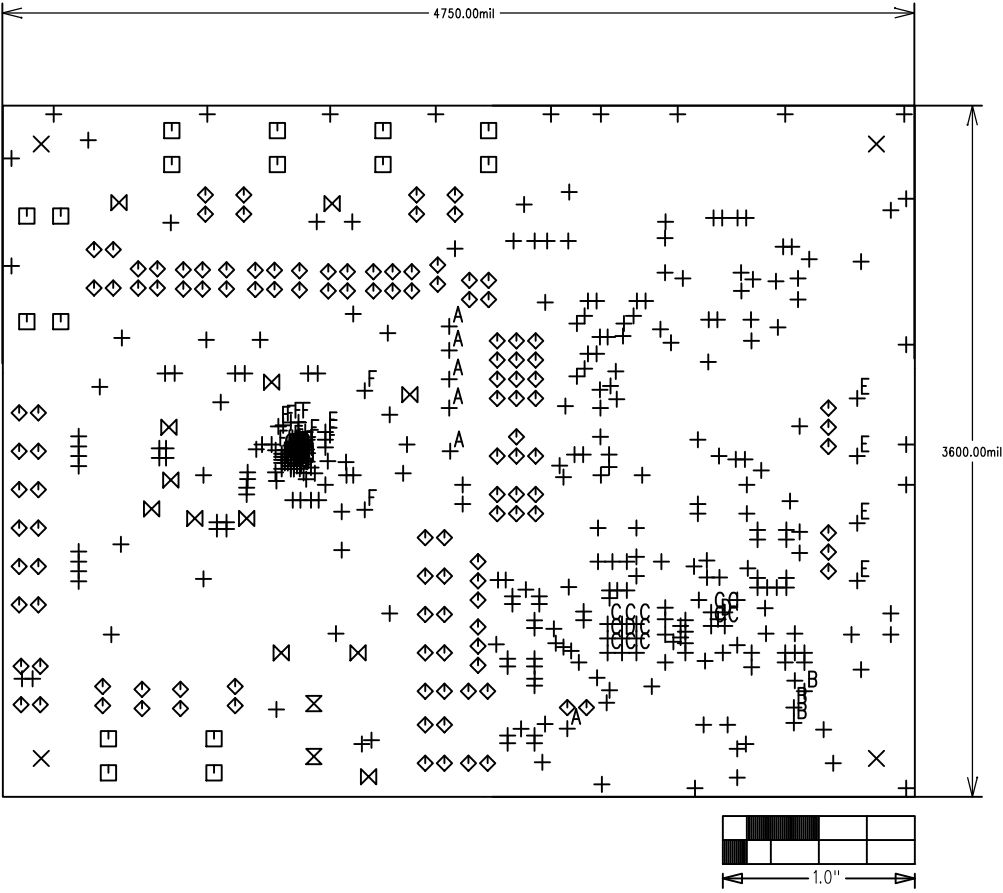


MAX98090 WLP EVALUATION KIT		
P/N: EPCB98090WLP		REV A
<div><div></div><div>maxim integrated™</div></div>		
LAYER	DRILL & MECHANICALS	
DATE:	ALL UNITS ARE IN 0.001"	



SIZE	QTY	SYM	PLATED	THR/PRTL	TOL
15	271	+	YES	THR	+/-3
125	4	×	YES	THR	+/-3
100	16	□	YES	THR	+/-3
37	122	◇	YES	THR	+/-3
67	2	⊗	NO	THR	+/-3
67	12	⊠	YES	THR	+/-3
40	6	+ ^A	YES	THR	+/-3
25	3	+ ^B	YES	THR	+/-3
20	12	+ ^C	YES	THR	+/-3
35	2	+ ^D	YES	THR	+/-3
130	4	+ ^E	YES	THR	+/-3
8	15	+ ^F	YES	THR	+/-3
4	22	+ ^G	YES	P1-2	+/-3
4	18	+ ^H	YES	P2-3	+/-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 Tg>=170 AND COMPATIBLE WITH LEAD-FREE SOLDERING PROCESS.
- BOARD DIMENSIONS: 4.75"X3.60" +/- 0.010".
BOARD THICKNESS: 0.062"
- LAYERS: 6. SEE LAYER STACKUP CHART.
- MINIMUM TRACE/SPACING: 4 MILS/5 MILS
- COPPER CLAD FINISH: 1oz ON ALL LAYERS.
- SURFACE MOUNT PADS: 662
- SOLDERMASK: GREEN TAIYO PSR-4000.
SOLDERMASK APERTURE TOLERANCE: +/-0.0005".
- LEGENDS: WHITE. SINGLE-SIDED. NON-CONDUCTIVE EPOXY INK OR EQUIVALENT.
CLIPPED ALL LEGENDS FROM EXPOSED METAL.
- PLATING: MUST BE LEAD FREE AND RoHS COMPLIANT.
- FINISH: 3-8u" IMMERSION Au OVER 100u" Ni.
- VENDOR LOGO & DATE CODE: ALLOWED IN INK ON BOTTOM SIDE ONLY.
- THRU HOLES: 0.001" MIN.
- TOLERANCES:
PLATED-THRU HOLES: +/-0.003"
PATTERN-TO-PATTERN: +/-0.005"
LEGEND TO LEGEND: +/-0.007"
- PARTIAL VIAS SHOULD BE FILLED WITH VIA FILL AND CAPPED.
SURFACE MOUNT PAD PLATING MUST BE FLAT.
LASER DRILLED PARTIAL VIAS FROM 1-2 AND 2-3
VIA NAME : 1-2 VIA COUNT : 22
VIA NAME : 2-3 VIA COUNT : 18

LAYER 1 TOP	1.4MIL
PRE-PREG AS NEEDED	
LAYER 2 GND	1.4MIL
PRE-PREG AS NEEDED	
LAYER 3 SIGNAL\GND	1.4MIL
CORE AS NEEDED	
LAYER 4 VCC\GND	1.4MIL
PRE-PREG AS NEEDED	
LAYER 5 GND	1.4MIL
PRE-PREG AS NEEDED	
LAYER 6 BOTTOM	1.4MIL

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