
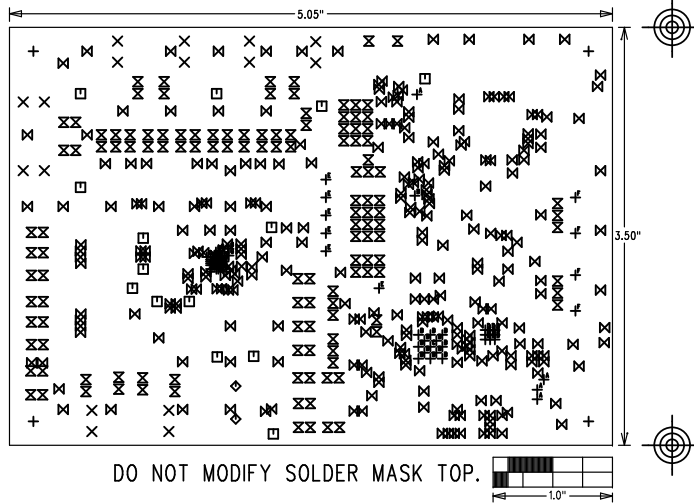


SIZE	QTY	SYM	PLATED	THR/PRTL	TOL
0.125	4	+	YES	THR	+/-0.003"
0.1	16	X	YES	THR	+/-0.003"
0.067	14	□	YES	THR	+/-0.003"
0.06713	2	◇	NO	THR	+/-0.003"
0.037	132	⊗	YES	THR	+/-0.003"
0.015	288	⊕	YES	THR	+/-0.003"
0.025	4	⊕ ^A	YES	THR	+/-0.003"
0.02	13	⊕ ^B	YES	THR	+/-0.003"
0.035	2	⊕ ^C	YES	THR	+/-0.003"
0.013	8	⊕ ^D	YES	THR	+/-0.003"
0.04	6	⊕ ^E	YES	THR	+/-0.003"
0.132	4	⊕ ^F	NO	THR	+/-0.003"
0.008	7	⊕ ^G	YES	THR	+/-0.003"
0.0041	18	⊕ ^H	YES	P2-3	Must be filled and capped
0.004	21	⊕ ^I	YES	P1-2	Must be filled and capped

MAX98091 EVKIT	
P/N: EPCB98091	REV A
	
LAYER DRILL & MECHANICALS	
DATE:	ALL UNITS ARE IN 0.001"



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: 5.05"X3.50" +/- 0.010".
BOARD THICKNESS: 0.062"
- LAYERS: 6. SEE LAYER STACKUP CHART.
- MINIMUM TRACE/SPACING: 5 MILS/ 5 MILS
- COPPER CLAD FINISH: 1oz ON ALL LAYERS.
- SURFACE MOUNT PADS: 665.
- 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. 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"
- 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 : 21 (N/C DRILL_6 = LAYER 1-2)
VIA NAME : 2-3 VIA COUNT : 18 (N/C DRILL_7 = LAYER 2-3)
NOTE: BOTH DRILL SIZE OF LASER DRILL PARTIAL VIA1-2 AND VIA2-3 ARE THE SAME 4MILS DRILL
VIA2-3 WAS MADE TO 4.1MILS IN ORDER TO SEPRATE THE TWO LASER VIAS ON DRILL CHART FOR ODB++

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.