

REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
1		ENGINEERING RELEASE	11/14/13	Y.AYDIN
2		LAYOUT CHANGED	01/23/13	Y.AYDIN
3		HOLE ADDED AND LAYOUT UPDATED	02/03/15	Y.AYDIN
4		U1 PIN AND TP NAMES CHANGED	08/18/15	Y.AYDIN

NOTES:

UNLESS OTHERWISE SPECIFIED:

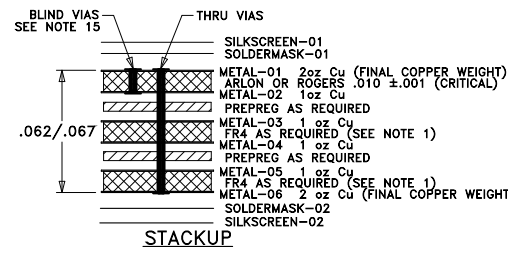
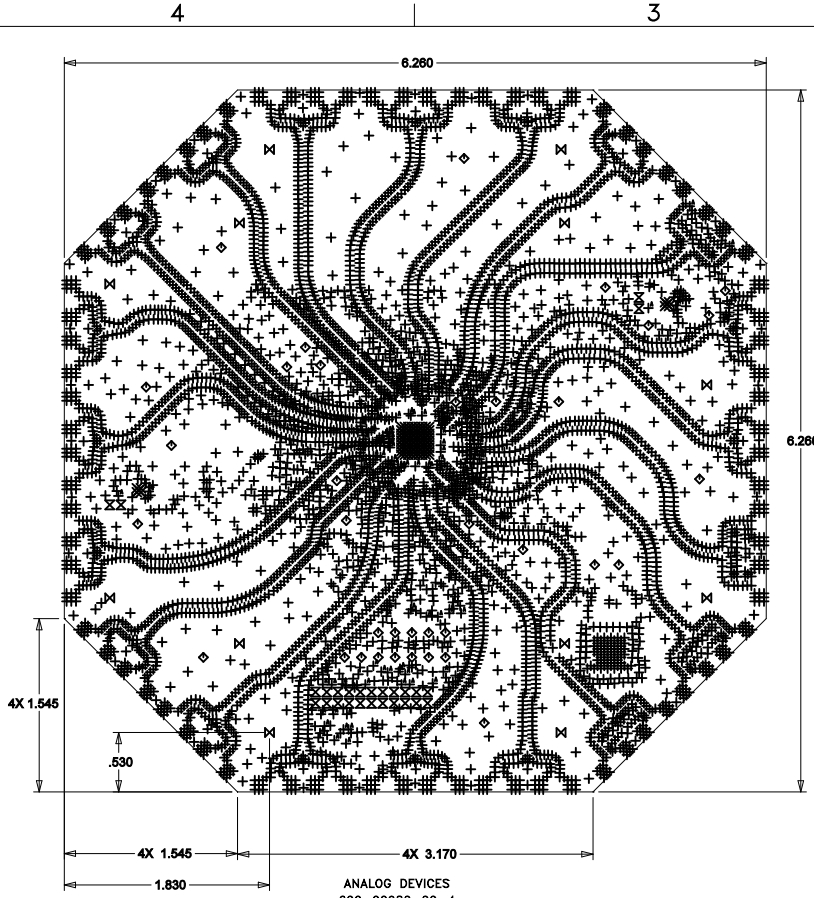
- MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ARLON 25FR OR ROGERS 4350B, HALF OUNCE COPPER BOTH SIDES. FR4 TO BE USED AS FILLER TO MEET CRITICAL OVERALL THICKNESS.
- FINISH: ENIG PER IPC-4552.
- PLATED THRU HOLES: .001 MINIMUM WALL THICKNESS.
- HOLE SIZES AND POSITIONS PER ARTWORK AND/OR DRILL FILE.
- ALL HOLES TO BE LOCATED WITHIN  $\pm .003$  OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
- FRONT TO BACK REGISTRATION  $\pm .003$  MAX.
- BOARD WARPAGE:  $< .010$  PER LINEAR INCH.
- SILKSCREEN BOTH SIDES WITH WHITE EPOXY INK.
- SOLDERMASK: LPI SOLDERMASK BOTH SIDES. COLOR: GREEN REGISTRATION:  $\pm .004$  MAX.
- "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
- MANUFACTURE PER IPC-6012 CLASS 2.
- PLATING THICKNESS  $.002 \pm .0005$  FOR MET-01 AND MET-06.
- ARTWORK IS 1:1 VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

- METAL-01: CRITICAL LINE WIDTH =  $.018 \pm .001$  ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH. METAL-01: DIFFERENTIAL IMPEDANCE OF 100 OHMS  $\pm 10\%$  ON DUAL 10 MIL TRACES WITH 6 MIL SPACING.
- BLIND VIAS: METAL LAYERS 1 - 2 PER DRILL FILE.
- ALL  $.010$  VIAS TO BE FILLED WITH NON-CONDUCTIVE VIA FILL AND OVERPLATED WITH Cu BOTH SIDES. TOLERANCE IS  $\pm / - .003$  FOR FILLED VIAS

VENDOR NOTES:

- VENDOR MAY ADD E-TEST STAMP TO PCB. VENDOR SHALL NOT ADD NAME, LOGO, DATE CODE, UL LISTING OR ANY OTHER MARKING TO ANY VISIBLE LAYER.
- BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.
- ANY CHANGES TO METAL LAYERS OR STACKUP MUST BE APPROVED BY ANALOG DEVICES. THIS INCLUDES CHANGES MADE FOR IMPEDANCE ADJUSTMENTS.



SIZE	QTY	SYM	PLATED	TOL
10	91	X	YES	+/-3
14	5886	+	YES	+/-3
63	36	◇	YES	+/-3
40	26	⊗	YES	+/-3
125	12	⊠	YES	+/-3
8	130	+	YES	+/-3

UNLESS OTHERWISE SPECIFIED:	DRAWN BY Y.AYDIN	DATE DRN 11/14/13
DIMENSIONS ARE IN INCHES [mm]	CHECKED BY A.OZ ENGINEER	
DRAWING PRACTICES PER ASME Y14.100		
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009		
TOLERANCES:		
.XX ± .01		
.XXX ± .005		
.XXXX ± .0020		
ANGLES ± .5 DEG.		
THIRD ANGLE PROJECTION		
DO NOT SCALE DRAWING		

PROPRIETARY TO ANALOG DEVICES			
		2 Elizabeth Drive Chelmsford, MA 01824 978-250-3343 Fax: 978-250-3373	
TITLE <b>PCB, EVAL</b>			
SIZE <b>B</b>	CODE ID NO. <b>1CN88</b>	DWG NO. <b>600-00980-00</b>	REV <b>4</b>
SCALE: 1:1		WT:	SHEET: 1 OF 1

XXXXXX  
NEXT ASSY USED ON