

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:

1. 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.
2. FINISH: ENIG PER IPC-4552.
3. PLATED THRU HOLES: .001 MINIMUM WALL THICKNESS.
4. HOLE SIZES AND POSITIONS PER ARTWORK AND/OR DRILL FILE.
5. ALL HOLES TO BE LOCATED WITHIN  $\pm .003$  OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
6. FRONT TO BACK REGISTRATION  $\pm .003$  MAX.
7. BOARD WARPAGE:  $< .010$  PER LINEAR INCH.
8. SILKSCREEN BOTH SIDES WITH WHITE EPOXY INK.
9. SOLDERMASK: LPI SOLDERMASK BOTH SIDES. COLOR: GREEN REGISTRATION:  $\pm .004$  MAX.
10. "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
11. MANUFACTURE PER IPC-6012 CLASS 2.
12. PLATING THICKNESS .002  $\pm .0005$  FOR MET-01 AND MET-06.
13. ARTWORK IS 1:1 VENDOR TO ADJUST FOR ETCH FACTOR.



## SPECIAL REQUIREMENTS:

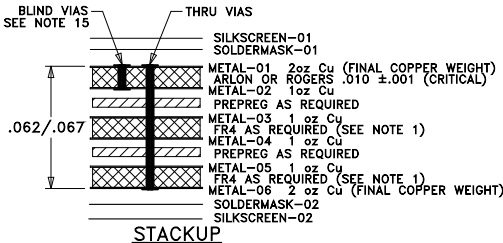
14. METAL-01: CRITICAL LINE WIDTH =  $.018 \pm .001$  ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH. METAL-01: DIFFERENTIAL IMPEDANCE OF 100 OHMS  $\pm 10\%$  ON DUAL 10 MIL TRACES WITH 6 MIL SPACING.
15. BLIND VIAS: METAL LAYERS 1 - 2 PER DRILL FILE.
16. ALL .010 VIAS TO BE FILLED WITH NON-CONDUCTIVE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

## VENDOR NOTES:

17. 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.
18. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.
19. ANY CHANGES TO METAL LAYERS OR STACKUP MUST BE APPROVED BY ANALOG DEVICES. THIS INCLUDES CHANGES MADE FOR IMPEDANCE ADJUSTMENTS.

PROPRIETARY TO ANALOG DEVICES

UNLESS OTHERWISE SPECIFIED:		DRAWN BY	DATE DRN	 <div>2 Elizabeth Drive Chelmsford, MA 01824 978-250-3343 Fax: 978-250-3373</div>	
DIMENSIONS ARE IN INCHES [mm]		Y.AYDIN	11/14/13		
DRAWING PRACTICES PER ASME Y14.100		CHECKED BY		TITLE	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009		A.OZ ENGINEER			
TOLERANCES:		THIRD ANGLE PROJECTION 		SIZE	CODE ID NO.
.XX	$\pm .01$	DO NOT SCALE DRAWING		B	1CN88
.XXX	$\pm .005$			DWG NO.	600-00980-00
.XXXX	$\pm .0020$			REV	4
ANGLES	$\pm .5$ DEG.			SCALE: 1:1	WT:
NEXT ASSY		USED ON		SHEET: 1 OF 1	



ANALOG DEVICES  
600-00980-00-4  
DRILL DRAWING

SIZE	QTY	SYM	PLATED	TOL
10	91	✕	YES	$\pm .3$
14	5886	+	YES	$\pm .3$
63	36	◇	YES	$\pm .3$
40	26	⊗	YES	$\pm .3$
125	12	⊠	YES	$\pm .3$
8	130	⊕	YES	$\pm .3$