DRILL DRAWING

.665
.355
1380
R 2X.032
.515
.040
.140
.438
.550

ANALOG DEVICES, INC.
600-01291-00-2
DRILL DRAWING

SIZE	QTY	SYM	PLATED	TOL
10	9	✕	YES	+/-3
14	166	+	YES	+/-3
63	6	◇	YES	+/-3

LAYER STACKUP

SILKSCREEN-01
SOLDERMASK-01
METAL-01 1/2oz Cu
ARLON OR ROGERS Core .010 ±.001 (CRITICAL)
METAL-02 1/2oz Cu
.062/.067 PREPREG AS REQUIRED
METAL-03 1/2oz Cu
FR4 AS REQUIRED(SEE NOTE 1)
METAL-04 1/2oz Cu
SOLDERMASK-02

LAYER STACKUP

REVISION

LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	09/11/14	Y.AYDIN
2	J5 REMOVED	03/05/15	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 ±.003 OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.

6. FRONT TO BACK REGISTRATION ±.003 MAX.

7. BOARD WARPAGE: <.010 PER LINEAR INCH.

8. SILKSCREEN TOP SIDE ONLY WITH WHITE EPOXY INK.

9. SOLDERMASK: LPI SOLDERMASK BOTH SIDES. COLOR: GREEN REGISTRATION: ±.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 ±.0005 FOR MET-01 AND MET-04.

13. ARTWORK IS 1:1 VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

14. METAL-01: CRITICAL LINE WIDTH = .018 ±.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.
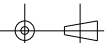
VENDOR NOTES:

15. 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.

16. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.

ANALOG DEVICES
2 Elizabeth Drive
Chelmsford, MA 01824
978-250-3343
Fax: 978-250-3373

DRAWN BY Y.AYDIN	DATE DRN 09/11/14
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [mm]	
CHECKED BY	
DRAWING PRACTICES PER ASME Y14.100	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009	ENGINEER H.SAVCI

TITLE

PCB, EVAL01

TOLERANCES:
.XX   ± .01
.XXX   ± .005
.XXXX   ± .0020
ANGLES   ± .5 DEG.

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

SIZE	CODE ID NO.	DWG NO.	REV
A	1CN88	600-01291-00	2

SCALE: 1:1 | WT: | SHEET: 1 OF 1

NEXT ASSY | USED ON