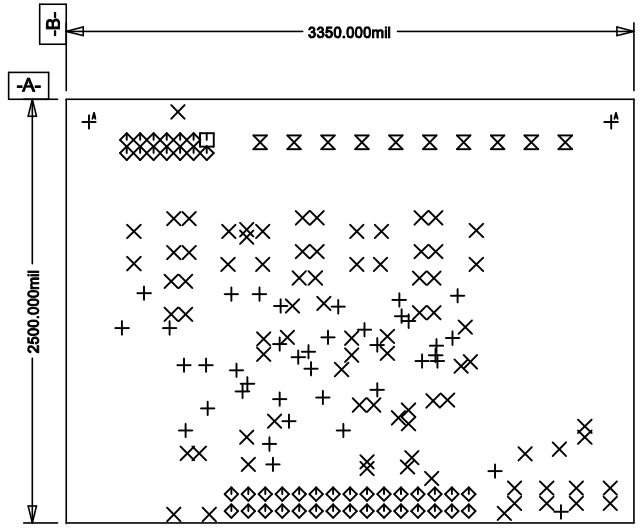
LB3031A4-0720.pcb - Tue Jul 21 10:15:37 2020

DWG NO	SH	REV
LB3031A	1	4

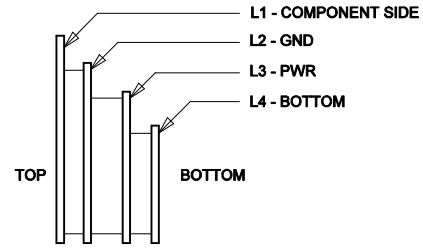
ADI CONFIDENTIAL - For Customer Use Only

REVISION HISTORY

ECO	REV	DESCRIPTION	DATE	APPROVED
	4	PRODUCTION	07/21/20	



TOP SIDE SHOWN
L1-COMPONENT SIDE



LAYER CONSTRUCTION

NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N LB3031A REV 4.
2. FAB PER IPC-A-600
3. PCB SHALL MEET RoHS COMPLIANCE.
4. MATERIAL:
   - A. LAMINATE: LEAD FREE COMPLIANT, ISOLA FR-370HR OR EQUIVALENT. FLAMMABILITY RATING: 94 V-2 MINIMUM .
   - B. THICKNESS: .060 +/- .005
   - C. CLAD: 2 OZ. (50um) EXTERNAL LAYERS. 1 OZ. (25um) COPPER ON ALL INTERNAL LAYERS.
5. FINISH:
   - A. COATING: SOLDERMASK OVER BARE COPPER, COLOR, BLUE LPI.
   - B. PLATING: GOLD IMMERSION BOTH SIDES.
   - C. SILKSCREEN: TOP COMPONENT SIDES WITH WHITE NON-CONDUCTIVE INK.
6. TOLERANCES:
   - A. WARPAGE: (0.005) MAX. ALONG THE LONGEST DIAG. AS PER IPC-TM650 METHOD 2.4.22.
   - B. ETCHING: +0.002, -0.002 OF MASTER PATTERN.
   - C. REGISTRATION: 0.004 MAX.
   - D. MASK THICKNESS: 0.001 MIN., 0.004 MAX.
   - E. HOLE PLATING: 22um +/- 3um.
7. SIZE:
   - A. CUT TO DIMENSIONS AND TOLERANCES SHOWN. 0.00 ARE PRIMARY DATUMS.
8. HOLE DIAMETERS ARE POST-PLATED SIZES.
9. DEBURR AND BREAK ALL SHARP EDGES.
10. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.

SIZE	QTY	SYM	PLATED	TOL
10	39	+	YES	+/-0.003
20	82	X	YES	+/-0.003
35	1	□	YES	+/-0.003
40	43	◇	YES	+/-0.003
52	10	⧖	YES	+/-0.005
187	2	+A	NO	+/-0.005

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON ANGLE ± 1°
.XX ± 0.01
.XXX ± 0.005

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

CONTRACT NO.

APPROVALS	DATE
DRAWN	10/30/19
CHECKED	
APPROVED	05/12/20
DESIGNED BY	

ANALOG DEVICES / LINEAR TECHNOLOGY
2555 Augustine Drive
Santa Clara, CA 95054
www.analog.com
1-800-262-5643 (toll free)

TITLE
FAB, LTpowerAnalyzer Main Board

SIZE	CAGE CODE	DWG NO.	REV
A		LB3031A	4

SCALE	FILENAME	SHEET
1/1	LB3031A-4.PCB	1 OF 1