

LTC CONFIDENTIAL - For Customer Use Only

REVISION HISTORY

ECO	REV	DESCRIPTION	DATE	APPROVED
	3	PROTO	11/05/08	

NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC1432A REV 3.

2. FAB PER IPC-A-600

3. PCB SHALL BE RoHS COMPLIANT.

4. MATERIAL:

A. LAMINATE: MULTI-FUNCTIONAL FR-4

FLAMMABILITY RATING: 94 V-2 MINIMUM.

B. THICKNESS: 1.6 +/- 0.1 mm

C. CLAD: 2 OZ. (50um) EXTERNAL LAYERS.

1 OZ. (25um) COPPER ON THE INTERNAL LAYERS.

5. FINISH:

A. COATING: SOLDERMASK OVER BARE COPPER,

COLOR, GREEN LPI.

B. PLATING: GOLD IMMERSION BOTH SIDES.

C. SILKSCREEN: COMPONENT SIDE WITH WHITE

NON-CONDUCTIVE INK.

6. TOLERANCES:

A. WARPAGE: (0,0075mm) MAX. ALONG THE LONGEST DIAG.

AS PER IPC-TM650 METHOD 2.4.22.

B. ETCHING: +0.03mm, -0.3mm OF MASTER PATTERN.

C. REGISTRATION: 0.075mm MAX.

D. MASK THICKNESS: 0.025mm MIN., 0.075mm MAX.

E. HOLE PLATING: 22um +/- 3um.

7. SIZE:

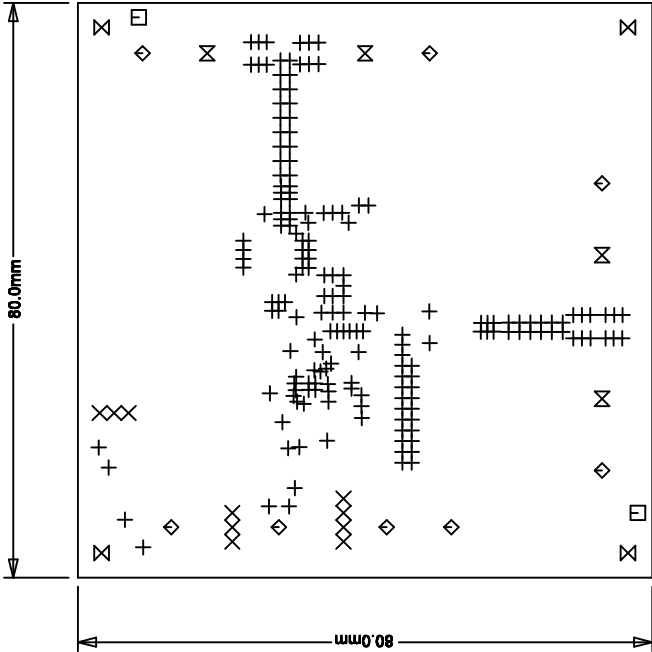
A. CUT TO DIMENSIONS AND TOLERANCES SHOWN.

0.00 ARE PRIMARY DATUMS.

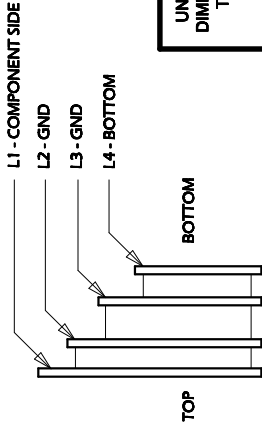
B. HOLE DIAMETERS ARE POST-PLATED SIZES.

9. DEBURR AND BREAK ALL SHARP EDGES.

10. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.



COMPONENT SIDE SHOWN



LAYER CONSTRUCTION

SIZE	QTY	SYM	PLATED	TOL
0.25	182	+	YES	+/-0.08
0.76	10	X	YES	+/-0.08
1.78	2	□	NO	+/-0.13
2.41	8	◇	YES	+/-0.13
4.75	4	⊗	NO	+/-0.25
5.2	4	⊗	YES	+/-0.25

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ON ANGLE ± 1° .XX ± 0.25 .XXX ± 0.127	CONTRACT NO.		APPROVALS		DATE
	DRAWN	MEI	CHECKED		05/16/08
	THIRD ANGLE PROJECTION		APPROVED		
	DO NOT SCALE DRAWING		DESIGNED BY		
L1 - COMPONENT SIDE L2 - GND L3 - GND L4 - BOTTOM TOP BOTTOM		LINEAR TECHNOLOGY 1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 Fax: (408)434-0507		TITLE FAB, LTC3851EUD/LTC3851EUD-1, SYNCHRONOUS BUCK CONVERTER	
		SIZE	CAGE CODE	DWG NO.	REV
		A		DC1432A	3
		SCALE	1/1	FILENAME: 1432a-3.PCB	SHEET 1 OF 1