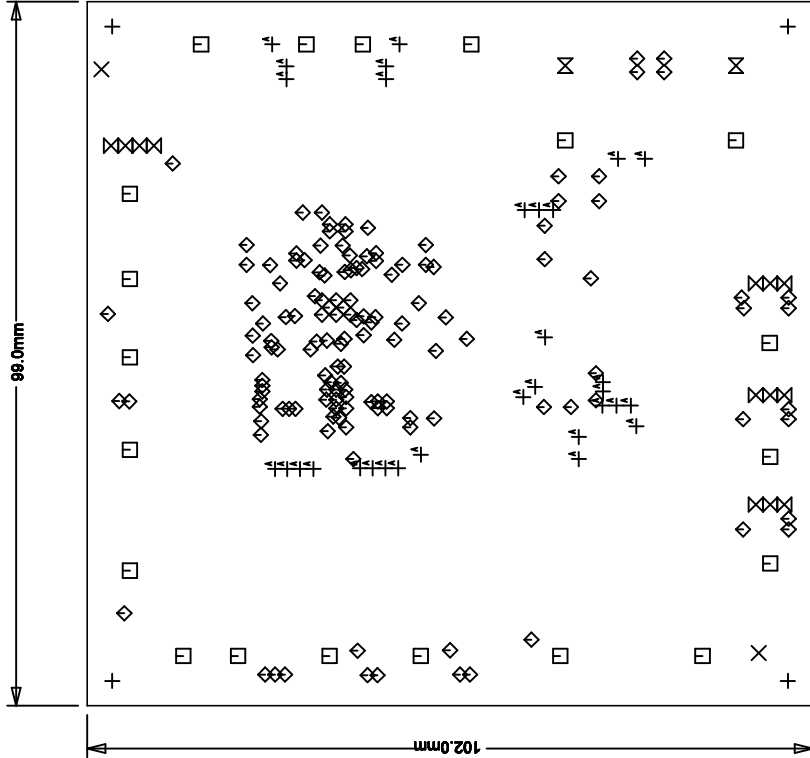
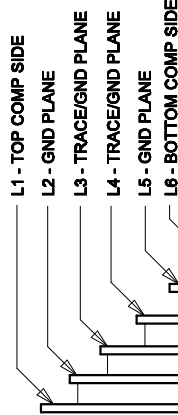


LTC CONFIDENTIAL - For Customer Use Only



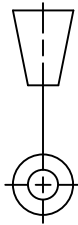
COMPONENT SIDE SHOWN

LAYER CONSTRUCTION



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS  
TOLERANCES ON ANGLE  $\pm 1^\circ$   
.XX  $\pm 0.25$   
.XXX  $\pm 0.127$

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

CONTRACT NO.

APPROVALS	DATE
DRAWN MI	04/22/08
CHECKED	
APPROVED	
DESIGNED BY	



1630 McCarthy Blvd.  
Milpitas, CA 95035

Phone: (408)432-1800  
Fax: (408)434-0507

TITLE  
FAB, LTC3859EFE, TRIPLE OUTPUT SYNCHRONOUS  
STEP-UP/DUAL STEP-DOWN SUPPLY

SIZE	CAGE CODE	DWG NO.	REV
A		DC1425A	3

SCALE 1/1

FILENAME: 1425A-3.PCB

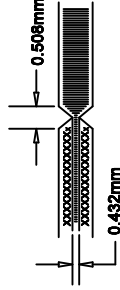
SHEET 1 OF 1

REVISION HISTORY

ECO	REV	DESCRIPTION	DATE	APPROVED
	3	PROD	04/09/09	

NOTES: UNLESS OTHERWISE SPECIFIED,

- ARTWORK P/N DC1425A REV 3.
- FAB PER IPC-A-800
- PCB SHALL BE RoHS COMPLIANT.
- MATERIAL:
  - LAMINATE: EPOXY FIBERGLASS, NEMA GRADE FR-4  
FLAMMABILITY RATING: 94 V-2 MINIMUM.
  - THICKNESS: 1.6  $\pm$  0.1 mm
  - CLAD: 2 OZ. (50um) EXTERNAL LAYERS.  
1 OZ. (25um) COPPER ON 4 INTERNAL LAYERS.
- FINISH:
  - COATING: SOLDERMASK OVER BARE COPPER,  
COLOR, GREEN LPI.
  - PLATING: GOLD IMMERSION BOTH SIDES.
  - SILKSCREEN: COMPONENT SIDE WITH WHITE  
NON-CONDUCTIVE INK.
- TOLERANCES:
  - WARPAGE: (0.075mm) MAX. ALONG THE LONGEST  
DIAG. AS PER IPC-TM650 METHOD 2.4.22.
  - ETCHING: +0.03mm, -0.3mm OF MASTER PATTERN.
  - REGISTRATION: 0.075mm MAX.
  - MASK THICKNESS: 0.025mm MIN., 0.075mm MAX.
  - HOLE PLATING: 22um  $\pm$  3um.
- SIZE:
  - CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
0.00 ARE PRIMARY DATUMS.
  - HOLE DIAMETERS ARE POST-PLATED SIZES.
  - DEBURR AND BREAK ALL SHARP EDGES.
  - DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE  
CODE.
- SCORING:



SIZE	QTY	SYM	PLATED	TOL
0.25	141	$\diamond$	YES	$\pm$ -0.08
0.51	31	$\nabla$	YES	$\pm$ -0.08
0.76	13	$\boxtimes$	YES	$\pm$ -0.08
1.78	2	$\times$	NO	$\pm$ -0.13
2.41	20	$\square$	YES	$\pm$ -0.13
4.75	4	$+$	NO	$\pm$ -0.13
5.21	2	$\boxtimes$	YES	$\pm$ -0.25