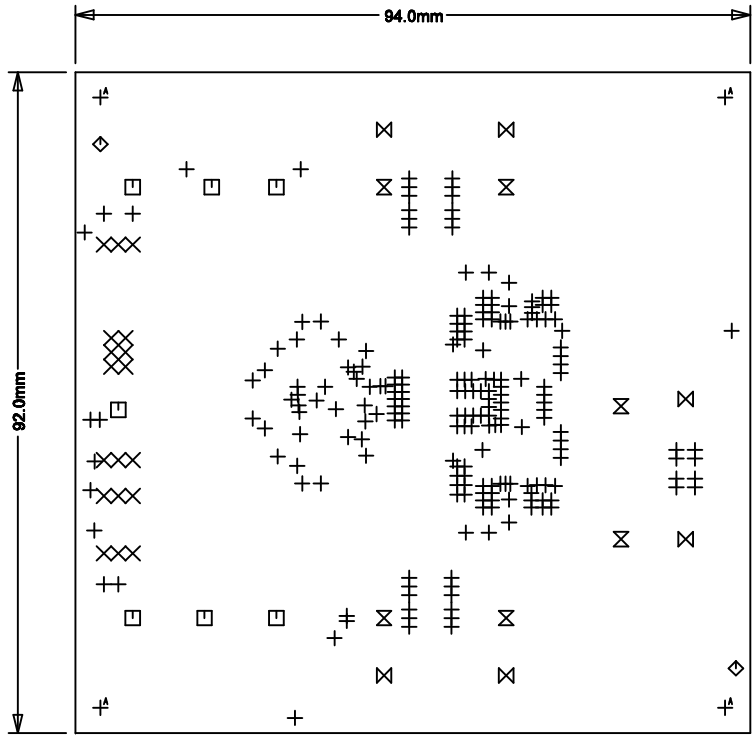
DWG NO	SH	REV
DC1352A	1	3

LTC CONFIDENTIAL - For Customer Use Only



L1-COMPONENT SIDE

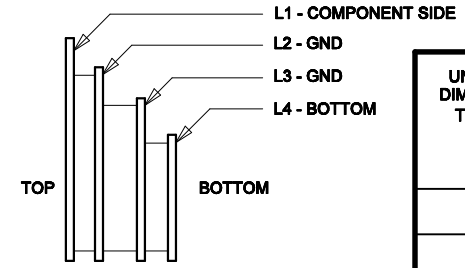
REVISION HISTORY

ECO	REV	DESCRIPTION	DATE	APPROVED
	3	Added banana jacks, expanded pcb, removed JP1	11/04/08	

NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC1352A REV 3.
2. FAB PER IPC-A-600
3. PCB SHALL BE RoHS COMPLIANT.
4. MATERIAL:
   - A. LAMINATE: EPOXY FIBERGLASS, NEMA GRADE FR-4
     FLAMMABILITY RATING: 94 V-2 MINIMUM .
   - B. THICKNESS: 1.6 +/- 0.1 mm
   - C. CLAD: 1 OZ. (25um) EXTERNAL LAYERS.
     1 OZ. (25um) COPPER ON TWO 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.
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
0.25	216	+	YES	+/-0.08
0.8	18	X	YES	+/-0.08
1.63	7	□	YES	+/-0.13
1.78	2	◇	NO	+/-0.13
2.41	6	⧖	YES	+/-0.13
5.2	6	⋈	YES	+/-0.13
4.75	4	+A	NO	+/-0.254



LAYER CONSTRUCTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ON ANGLE ±1°
.XX ± 0.25
.XXX ± 0.127

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

CONTRACT NO.

APPROVALS	DATE
DRAWN MI	11/01/07
CHECKED	
APPROVED	
DESIGNED BY	

LINEAR TECHNOLOGY
1630 McCarthy Blvd. Milpitas, CA 95035
Phone: (408)432-1900 Fax: (408)434-0507

TITLE FAB, LTC3857EGN-1 / LTC3858EGN-1, LOW QUIESCENT CURRENT DUAL OUTPUT SYNCHRONOUS BUCK CONVERTER

SIZE	CAGE CODE	DWG NO.	REV
A		DC1352A	3

SCALE 1/1	FILENAME: 1352a-3.pcb	SHEET 1 OF 1