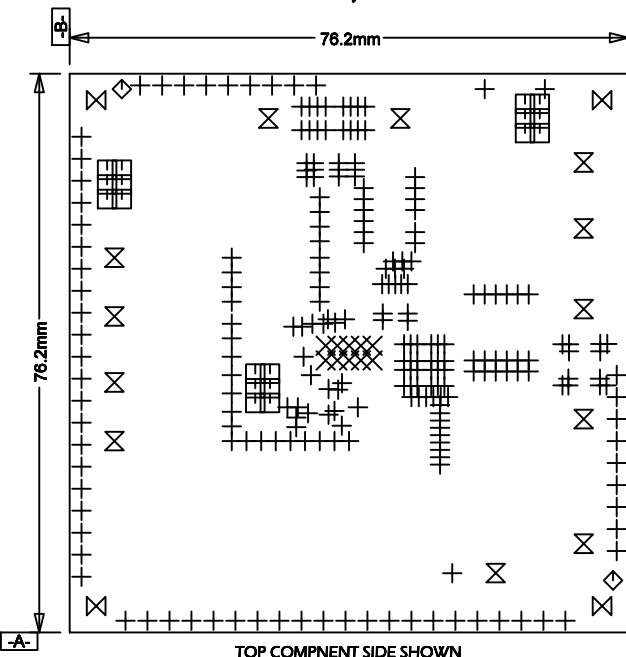
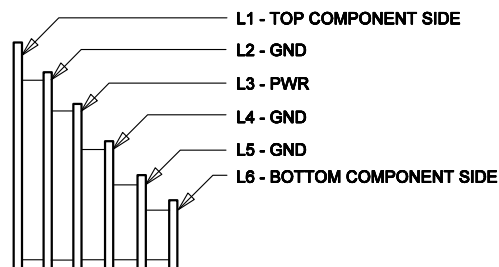


LTC CONFIDENTIAL - For Customer Use Only



LAYER CONSTRUCTION

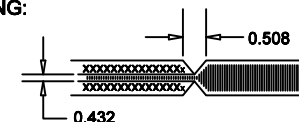


REVISION HISTORY

ECO	REV	DESCRIPTION	DATE	APPROVED
	3.1	PROD	01/04/16	<i>QJH</i>

NOTES: UNLESS OTHERWISE SPECIFIED,

- ARTWORK P/N DC2354A REV 3.1.
- FAB PER IPC-A-600
- PCB SHALL MEET RoHS COMPLIANCE.
- MATERIAL:
 - LAMINATE: EPOXY FIBERGLASS, NEMA GRADE FR-4
FLAMMABILITY RATING: 94 V-2 MINIMUM.
 - THICKNESS: 1.6 +/- 0.1 mm
 - CLAD: 2 OZ. (50um) EXTERNAL LAYERS.
1 OZ. (25um) COPPER ON TWO INTERNAL LAYERS.
- FINISH:
 - COATING: SOLDERMASK OVER BARE COPPER,
COLOR, GREEN LPI.
 - PLATING: GOLD IMMERSION BOTH SIDES.
 - SILKSCREEN: BOTH SIDES 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 +/- 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:

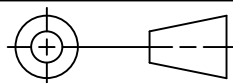


SIZE	QTY	SYM	PLATED	TOL
0.25	236	+	YES	+/-0.08
0.508	10	X	YES	+/-0.08
0.9	18	□	YES	+/-0.08
1.8	2	◇	NO	+/-0.13
2.4	12	X	YES	+/-0.13
4.75	4	X	NO	+/-0.13

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

10/28/14

CHECKED

APPROVED

01/04/16

DESIGNED BY



1630 McCarthy Blvd.
Milpitas, CA 95035

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Phone: (408)432-1900
Fax: (408)434-0507

TITLE

FAB, LTC7149EFE28, HIGH VOLTAGE, NEGATIVE OUTPUT
MONOLITHIC SYNCHRONOUS BUCK REGULATOR

SIZE
A

CAGE CODE

DWG NO.

DC2354A

REV
3.1

SCALE 1/1

FILENAME: 2354a-3.PCB

SHEET 1 OF 1