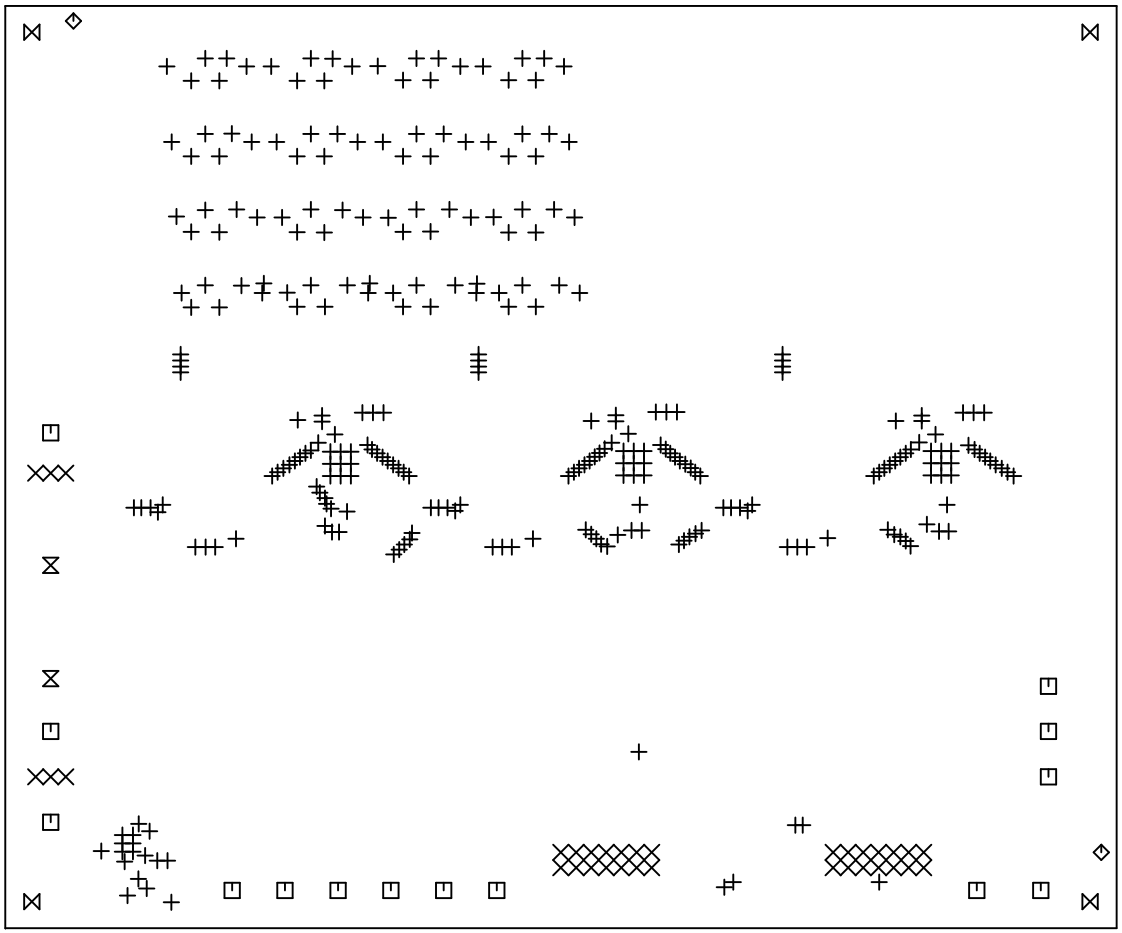
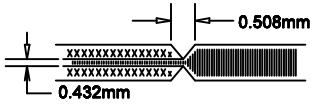
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
	2	PRODUCTION	W.GU	06/23/11



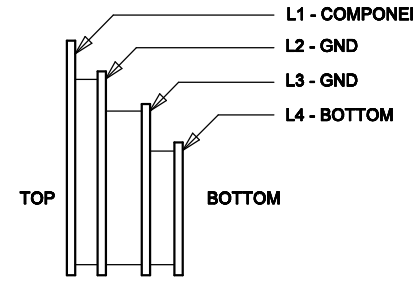
COMPONENT SIDE SHOWN

NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC1608A REV 2.
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 +/- 0.12 mm
   - C. CLAD: 2 OZ. (50um) 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: (0.075mm) 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.
11. SCORING FOR PANELIZED PCB:



SIZE	QTY	SYM	PLATED	TOL
0.25	300	+	YES	+/-0.08
0.9	34	X	YES	+/-0.08
1.63	14	□	YES	+/-0.08
1.8	2	◇	NO	+/-0.13
2.4	2	⧖	YES	+/-0.13
4.7	4	⋈	NO	+/-0.13



LAYER CONSTRUCTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ON ANGLE ±1°
.XX ±0.25
.XXX ±0.127
INTERPRET DIM AND TOL PER ASME Y14.5M-1994
THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

APPROVALS

PCB DES.	MI
APP. ENG.	W.GU

SCALE: NONE

LINEAR TECHNOLOGY
1630 MCCARTHY BLVD
MILPITAS, CA 95035
PH: (408)432-1900
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FOR CUSTOMER USE ONLY

TITLE: FABRICATION DRAWING,
16-CHANNEL LED DRIVER WITH BUCK CONTROLLER

SIZE	IC NO.	REV
N/A	LT3745EUJ DEMO CIRCUIT 1608A	2

FILENAME: 1608A-2.PCB

SHT 1 of 1