

ECO REV

2

DESCRIPTION

PRODUCTION

APPR

YI S.

DATE

6-14-14

REVISION HISTORY

L1 - TOP COMPONENT SIDE

L2 - GND PLANE

L3 - TRACE

L4 - TRACE

L5 - GND PLANE

L6 - BOTTOM COMPONENT SIDE

NOTES: UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600.

2. MATERIAL: -EPOXY FIBERGLASS, NEMA GRADE FR-4
-FINISHED THICKNESS TO BE 0.062" +/- .005"
-TOTAL OF 6 LAYERS WITH 2 OZ. CU ON THE OUTER LAYERS
AND 1 OZ. CU ON THE INNER LAYERS.
-FLAMMABILITY RATING: 94 V-0 MINIMUM.

3. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
0.00 ARE PRIMARY DATUMS.

4. DRILLING: -DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, 0.001" THICK MIN.
-ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.
-HOLE LOCATION TOLERANCES ARE +/-0.003" IN RELATION TO CENTER

5. FINISH: -SMOBC USING LPI BOTH SIDES, COLOR GREEN.
-GOLD IMMERSION BOTH SIDES.
(LEAD FREE SOLDER CAN BE USED FOR PROTOTYPE)
-FOR SILKSCREEN: BOTH SIDES USE WHITE NON-CONDUCTIVE INK.

6. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
PAD SIZE CAN BE MODIFIED TO MEET END FINISH.

7. PCBs ARE TO BE RoHS COMPLIANT.

8. SCORING FOR PANELIZED PCB:

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES:

0.XX" = ±0.01"

0.XXX" = ±0.005"

INTERPRET DIM AND TOL PER ASME Y14.5M-1994

THIRD ANGLE PROJECTION

APPROVALS

PCB DES.

HZ

APP ENG.

YI S.

TITLE: FABRICATION DRAWING

DUAL/POLY-PHASE HIGH PERFORMANCE

DC/DC CONVERTER WITH DIGITAL POWER MANAGEMENT

SIZE

IC NO. LTC3882EJ

REV

2

SCALE = NONE

FILENAME: DC1936A-1.PCB

SHT 1 OF 1

1530 MCCARTHY BLVD

MILPITAS, CA 95035

PH: (408)432-1900

WWW.LINEARTECH.COM

FOR CUSTOMER USE ONLY

SIZE

QTY

SYM

PLATED

TOL

0.03543

12

+

YES

+/-0.003

0.187

4

X

NO

+/-0.003

0.01

765

□

YES

+/-0.003

0.037

26

◇

YES

+/-0.003

0.07

2

X

NO

+/-0.003

0.095

29

X

YES

+/-0.003

0.035

27

+

YES

+/-0.003

0.055

10

+

YES

+/-0.003

0.189

4

+

YES

+/-0.003

0.205

2

+

YES

+/-0.003

0.0315

2

+

YES

+/-0.003