

DC1264A

SH 1

REV 1

ECO

REV

DESCRIPTION

DATE

APPROVED

2

PROD

11/20/07

REVISION HISTORY

11. OUTER DIELECTRIC THICKNESS: TARGET 50-OHM USING 0.762mm TRACE. SEE STACKUP DIAGRAM.

12. CONTROLLED 50 OHM IMPEDANCE(AT 300MHz FREQ.) FOR LAYERS 1-2.

13. 0.4mm THICKNESS REFLECTS DIELECTRIC CONSTANT OF 4.1@ 2GHz SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. INNER AND OUTER LAYER COPPER SHALL BE EXPOSED ALONG BOARD EDGES.

14. DO NOT MODIFY INNER LAYER COPPER COPPER BACKOFF OUTLINE.

NOTES: UNLESS OTHERWISE SPECIFIED.

1. ARTWORK P/N DC1264A REV 2.

2. FAB PER IPC-A-600

3. PCB SHALL MEET RoHS COMPLIANCE.

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: 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.

SIZE

QTY

SYM

PLATED

TOL

0.25

168

+

YES

+/- -0.08

2.36

3

□

YES

+/- -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

MEI

CHECKED

APPROVED

DESIGNED BY

LINEAR TECHNOLOGY

1630 McCarthy Blvd. Milpitas, CA 95035

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

TITLE

FAB, LTC6410CUD-6, IF AMPLIFIER 4-PORT TEST BOARD

SIZE

CAGE CODE

DWG NO.

DC1264A

REV

2

SCALE

1/1

FILENAME: 1264A-2.PCB

SHEET

1

OF

1

LTC CONFIDENTIAL - For Customer Use Only

31.0mm

2X 2.5mm

2X 5.4mm

2X 31.2mm

42.0mm

4X R1.27

COMPONENT SIDE SHOWN

13

DIELECTRIC THICKNESS approx 0.4mm

TOP

LVR1

LVR2

LVR3

LVR4

BOTTOM

LAYERING STRUCTURE