

654321

DWC NO. DC377B

SH 1REV 1

21

LTC CONFIDENTIAL - For Customer Use Only

REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	1	DEMO BOARD RELEASE	02/27/01	

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COMPONENT SIDE

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SIZE

QTY

PLATED

0.015 +/- 0.003

167

YES

0.031 +/- 0.003

26

YES

0.055 +/- 0.003

5

YES

0.070 +/- 0.003

2

NO

0.094 +/- 0.003

9

YES

0.125 +/- 0.003

4

YES

0.190 +/- 0.003

4

YES

HOLE LEGEND

PWR PLANE - LAYER 2

COMPONENT SIDE - LAYER 1

SGND PLANE - LAYER 4

POND PLANE - LAYER 3

SOLDER SIDE - LAYER 6

INNER TRACES - LAYER 5

LAYERING STRUCTURE

NOTES: UNLESS OTHERWISE SPECIFIED

1. ARTWORK P/N DC377B REV 1.

2. FAB PER IPC-A-600

3. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4
FINISHED THICKNESS TO BE .082 +/- .005 INCH
WITH 4 OZ. COPPER ON TWO OUTER LAYERS AND
2 OZ. COPPER ON TWO INTERNAL LAYERS.
FLAMABILITY RATING: 94 V-0 MINIMUM.

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

5. DRILLING: DRILL HOLES PER SCHEDULE. PLATE THROUGH
HOLES WITH COPPER. .001 INCH THICK MIN. ALL
HOLE SIZES ARE SPECIFIED AFTER PLATING.
HOLE LOCATION TOLERANCES ARE +/- .003
INCH IN RELATION TO CENTER

6. FINISH: SMOBC USING LPI BOTH SIDES, GREEN PREFERRED.
SILKSCREEN COMPONENT SIDE WITH WHITE NON-
CONDUCTIVE INK.

7. FILL UP ALL VIAS WITH SOLDER.

8. DROP ALL UNUSED PADS ON INNER LAYERS.

9. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.

10. SCORING:

20Mils

17Mils

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON ANGLE ±1°
2 PLACE ±01 3 PLACE ±005
INTERPRET DIM AND TOL
PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

CONTRACT NO

APPROVALS

DATE

DRAWN

L.SANTOS

2/27/01

CHECKED

APPROVED

ENGINEER

LINEAR TECHNOLOGY

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

TITLE

FAB, LTC3716, 2 PHASE MOBILE CPU PCB

SIZE

B

CAGE CODE

DWG NO

DC377B

REV

1

SCALE

1/1

FILENAME: 377Br1.PCB

SHEET

1 OF 1