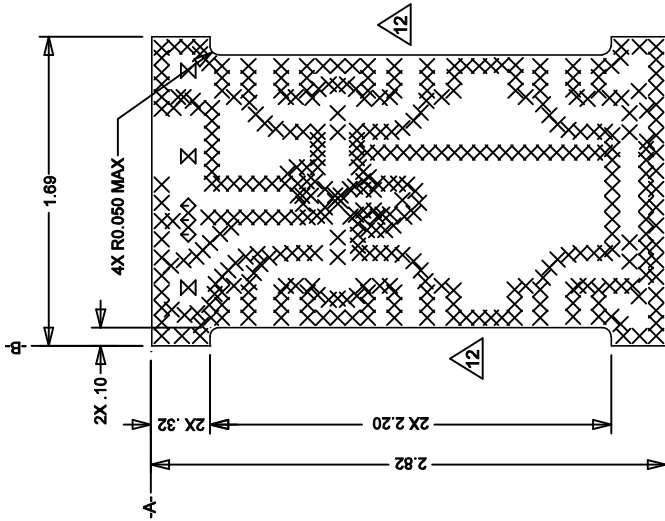


LTC CONFIDENTIAL - For Customer Use Only

REVISION HISTORY

ECO	REV	DESCRIPTION	DATE	APPROVED
	2	PROD	05/24/07	



11

DIELECTRIC THICKNESS

TOP approx 17 mils

LYR1 XXXXXXXXXXXXXXXXXXXX PREPREG XXXXXXXXXXXXXXXX

LYR2 XXXXXXXXXXXXXXXXXXXX CORE XXXXXXXXXXXXXXXX

LYR3 XXXXXXXXXXXXXXXXXXXX PREPREG XXXXXXXXXXXXXXXX

LYR4 XXXXXXXXXXXXXXXXXXXX PREPREG XXXXXXXXXXXXXXXX

LAYERING STRUCTURE

NOTES: UNLESS OTHERWISE SPECIFIED

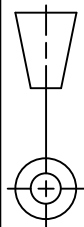
- ARTWORK P/N DC987B REV 2.
  - FAB PER IPC-A-600
  - MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4  
FINISHED THICKNESS TO BE .062 ± .005 INCH  
WITH 2 OZ. COPPER ON TWO OUTER LAYERS AND  
1 OZ. COPPER ON TWO INTERNAL LAYERS.  
FLAMABILITY RATING: 94 V-0 MINIMUM.
  - OUTER DIELECTRIC THICKNESS: TARGET 50-OHM USING 30 MIL  
TRACE. SEE STACKUP DIAGRAM.
  - SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
-A- AND -B- ARE PRIMARY DATUMS.
  - BOARD: SELECTIVE PLATED BOARD. SOLDER  
MASK OVER BARE COPPER.  
WHITE TIN IMMERSION (OMIKRON) BOTH SIDES.  
SOLDER MASK TYPE: WET PHOTO-IMAGEABLE  
THE PCB COLOR: GREEN  
SILKSCREEN COMPONENT SIDE WITH WHITE  
NON-CONDUCTIVE INK.  
PLATE THRU ALL HOLES WITH COPPER  
MIN. PLATING THICKNESS: 1 OZ. EXCEPT  
WHERE PLATING NOT REQUIRED
  - DRILL: ALL HOLES SHALL BE DRILLED ±.003 INCH  
WITH RESPECT TO CTR. OF DRILLED PAD.  
ALL HOLES FINISHED SIZE AFTER PLATING.
  - DROP ALL UNUSED PADS ON INNER LAYERS.
  - DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
  - CONTROLLED 50 OHM IMPEDANCE(AT 2.5GHz FREQ.) FOR LAYER 1-2.
- 11 17 MILLS THICKNESS REFLECTS DIELECTRIC CONSTANT OF 4.1 @ 2GHz.  
SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC  
CONSTANT DEVIATIONS.
- 12 INNER AND OUTER LAYER COPPER SHALL BE EXPOSED IN  
TWO INSET AREAS ALONG BOARD EDGES.  
DO NOT MODIFY INNER LAYER COPPER BACKOFF OUTLINE.

SIZE	QTY	SYM	PLATED	TOL
10	374	X	YES	+/-0.003
30	3	◇	YES	+/-0.003
93	3	⊗	YES	+/-0.005

CONTRACT NO.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON ANGLE ±1°  
2 PLACE ±0.01 3 PLACE ±.005  
INTERPRET DIM AND TOL  
PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

APPROVALS	DATE
DRAWN MEI	05/24/07
CHECKED	
APPROVED	
DESIGNED BY	

TITLE

FAB, LT6400CUD/LT6401CUD, ADC DRIVER

SIZE	CAGE CODE	DWG NO.	REV
A		DC987B	2
SCALE	1/1	FILENAME: 987B-2.PCB	SHEET 1 OF 1



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