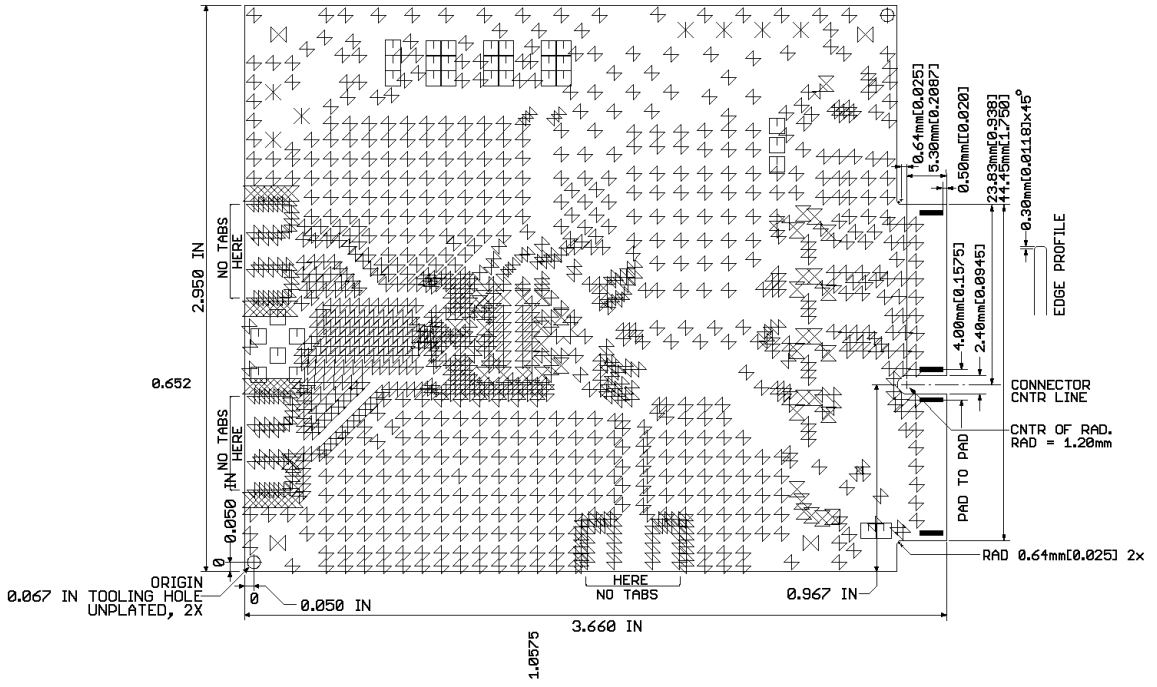
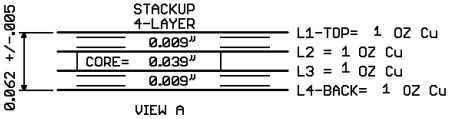
## REVISION HISTORY

| ECO | REV | DESCRIPTION | DATE | APPROVED |
|---|---|---|---|---|
| | A1 | INITIAL RELEASE | 28JAN09 | |
| | B1 | VCC3 SUPPLY OPTION | 28SEP09 | |
| | | | | |
| | | | | |




## NOTES: UNLESS OTHERWISE SPECIFIED.

1. ARTWORK P/N: DC1513 REV B
2. FAB PER IPC-A-600
3. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4 COLOR NATURAL
   FINISHED THICKNESS PER FIGURE A.
   COPPER THICKNESS PER FIGURE A.
   FLAMABILITY RATING: 94 V-2 MINIMUM.
4. SIZE: PANELIZE WITH TABS TO DIMENSIONS AND TOLERANCES SHOWN.
   NO TABS PERMITTED ON EDGE CONNECTOR OR OTHERWISE NOTED
   MAX PANEL DIMENSION 12 INCHES
   0 ARE PRINARY DATUMS.
5. BOARD: SELECTIVE PLATED BOARD.
   MASK OVER BARE COPPER (Ni/Au UNDER MASK OK).
   30uIn Au OVER 100uIn LOW STESS Ni ON EDGE FINGERS,
   3-5uIn Au FLASH OR IMMERSION Au MIN.
   OVER 100uIn LS Ni ELSEWHERE.
   SOLDER MASK TYPE: WET PHOTO-IMAGEABLE.
   SOLDER MASK COLOR: BLACK - FOR THERMAL RADIATION.
   SILKSREEN COMPONENT SIDE(S) WITH WHITE NON-
   CONDUCTIVE EPOXY INK.
   PLATE THRU ALL HOLES WITH COPPER EXCEPT AS NOTED
   MINIMUM PLATING THICKNESS OF 1 OZ.
   EXCEPT WHERE PLATING IS NOT REQUIRED.
6. DRILL: ALL HOLES SHALL BE DRILLED +/-.003 INCH
   WITH RESPECT TO CTR. OF DRILLED PAD.
   ALL HOLES FINISHED SIZE AFTER PLATING
7. DROP ALL UNUSED PADS ON INNER LAYERS.
8. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.

### DRILL LEGEND

| SYM | SIZE | QTY | TOLERANCE | PLTD |
|---|---|---|---|---|
| + | .010 | 245 | +0/-.010 | YES |
| × | .012 | 70 | +0/- .012 | YES |
| ⊡ | .015 | 994 | +/- .003 | YES |
| ◆ | .020 | 0 | +/- .003 | YES |
| ⊠ | .032 | 32 | +/- .003 | YES |
| ⊠ | .066 | 7 | +/- .003 | YES |
| ✚ | .067 | 2 | +.004/-0 | NO |
| ✚ | .080 | 0 | +.003/-0 | NO |
| ⊠ | .125 | 0 | +/- .003 | NO |
| × | .188 | 4 | +/- .003 | YES |
| | | | | |
| | | | | |
| | | | | |

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCE ON ANGLE ---
2 PLACES 0.01 3 PLACES 0.005
INTERPRET DIM AND TOL
PER ASME Y14.4M-1994

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

CONTRACT NO.

| APPROVALS | | DATE |
|---|---|---|
| DRAWN | E.TRELEWICZ | 28JAN09 |
| CHECKED | | |
| APPROVED | | |
| ENGINEER | E.TRELEWICZ | 28JAN09 |
| DESIGNER | E.TRELEWICZ | 28JAN09 |

9/22/2010 01:03:09p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TITLE: LTM9004 DEMO BOARD
14BIT BIT DIRECT CONVERSION RCVR SUBSYSTEM

| SIZE | CAGE CODE | DWGNO | REV: |
|---|---|---|---|
| A | | DC1513 | B |

SCALE:NONE | FILENAME: DC1513B | SHEET 1 OF 1