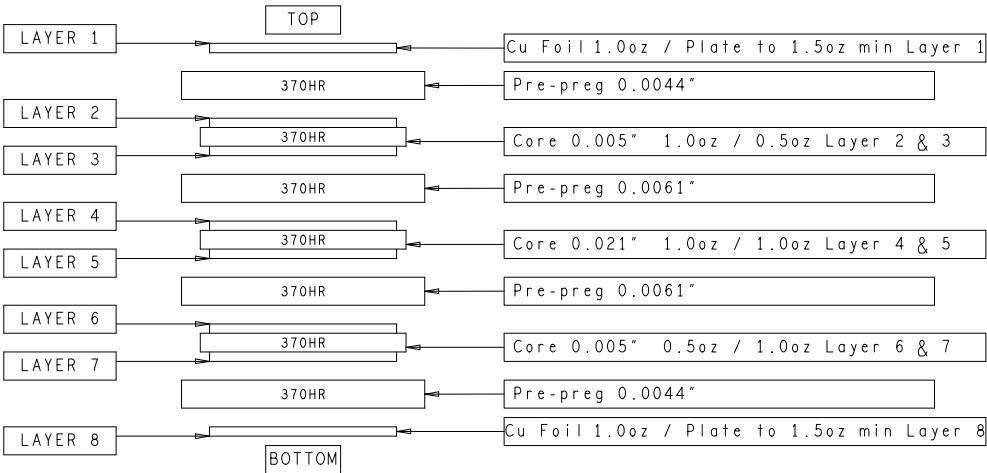


- UNLESS OTHERWISE SPECIFIED, ALL NOTES ARE APPLICABLE.
- APPLICATION DESIGN, MANUFACTURING AND INSPECTION DOCUMENTS.
IPC-2221A & IPC-2222 / DESIGN STANDARD FOR RIGID PRINTED CIRCUIT BOARDS AND RIGID PRINTED BOARD ASSEMBLIES.
IPC-6012B / QUALIFICATION AND PERFORMANCE SPECIFICATION FOR RIGID PRINTED BOARD.
IPC-A-600G / ACCEPTABILITY OF PRINTED BOARDS.
 - REGISTRATION TOLERANCE: ARTWORK +/- .002.
ALL HOLE CENTERS +/- .005 FROM DIMENSION DATUM.
 - MINIMUM COPPER WALL THICKNESS SHALL BE .001 INCH.
FOR ALL PLATED THROUGH HOLES. BREAKOUT NOT ALLOWED.
 - PROCESS AND MATERIAL MUST CONFORM TO UL 796. MATERIAL MUST MEET OR EXCEED UL FLAMMABILITY RATING 94V-0.
MATERIAL: MULTI-LAYER (SEE DETAIL 'A')
SEE LAYER STACKUP FOR ALL PRE-PREG & CORE THICKNESSES, COPPER OZ AND MATERIAL. FINISHED BOARD THICKNESS: .062 +/- 10%
 - MANUFACTURE'S UL MARKING, FLAMMABILITY RATING, LOGO AND DATE CODE TO BE PLACED IN SILKSCREEN ON BOTTOM SIDE OF THE BOARD.
 - SMOBC/IMMERSION GOLD: 3 - 8 uIN OVER 100-200 uIN NICKEL PLATING.
 - SOLDERMASK BOTH SIDES USING TAIYO (OR EQUIVALENT)
COLOR = RED (0.001 TO 002" THICK OVER METAL.
 - SILKSCREEN BOTH SIDES USING WHITE NPI LEADFREE.
REGISTRATION TOLERANCE TO BE +/- .005.
INK IS NOT ALLOWED ON EXPOSED PLATED AREA.
 - P.C. BOARD TO BE FREE OF DIRT, OIL, FINGER PRINTS, ETC.
 - BOARD WARPAGE: WARP AND TWIST SHALL NOT EXCEED .007 INCH PER INCH MEASURED AT ANY LOCATION OR DIRECTION ON THE BOARD.
 - BOARD MUST BE 100% ELECTRICALLY TESTED TO ENSURE NO SHORTS OR OPEN CIRCUITS AT 20V.

- ALL OUTER LAYERS USING A 4.5MIL TRACE WIDTH AND 7.5MIL SPACING SHALL BE 100 OHMS DIFFERENTIAL +/- 10%.
ALL OUTER LAYERS USING A 6.5MIL TRACE WIDTH SHALL BE 50 OHMS +/- 10%.
ALL INNER LAYERS USING A 4.4MIL TRACE WIDTH AND 7.6MIL SPACING SHALL BE 100 OHMS DIFFERENTIAL +/- 10%.
ALL INNER LAYERS USING A 4.9MIL TRACE WIDTH SHALL BE 50 OHMS +/- 10%.
- MINIMUM COPPER CONDUCTOR WIDTH IS: 4.4MIL.
MINIMUM COPPER CONDUCTOR SPACING IS: 5MIL.
- ALL INNER LAYER UNCONNECTED PADS SHALL BE REMOVED.
- PWB MUST BE ROHS COMPLIANT AND SURVIVE LEAD FREE ASSEMBLY, MAX REFLOW OF 260 DEGREES C (6 PASSES).



| DRILL CHART: TOP to BOTTOM | | | |
|----------------------------|-------|------------|------|
| ALL UNITS ARE IN MILS | | | |
| FIGURE | SIZE | PLATED | QTY |
| . | 10.0 | PLATED | 1272 |
| o | 106.0 | PLATED | 2 |
| T | 156.0 | PLATED | 4 |
| • | 40.0 | NON-PLATED | 6 |
| o | 50.0 | NON-PLATED | 2 |

| | | | | | | | | |
|---|------------------|--|------------------------|---------------|---|----------------|--|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES +/- .XX +/- .01 +/- .XXX +/- .005 +/- | CONTRACT NO. | | TEXAS INSTRUMENTS INC. | | | | | |
| | APPROVALS | | DATE | | FABRICATION DRAWING ARRIA V-TI ADAPTER | | | |
| | DRAWN J CANTRELL | | 05-11-12 | | | | | |
| | ENG J SETON | | 05-11-12 | | | | | |
| MATERIAL SEE NOTE 5 | | | | | SIZE B | CODE IDENT NO. | | |
| FINISH SEE NOTE 7, 8, 9 | | | | | DRAWING NO. | | | |
| DO NOT SCALE DRAWING | | | | SCALE NONE | SHEET 1 OF 1 | | | |
| | | | | REV. C | | | | |