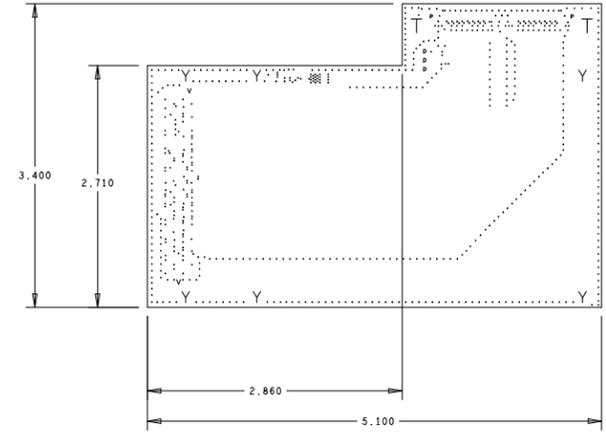
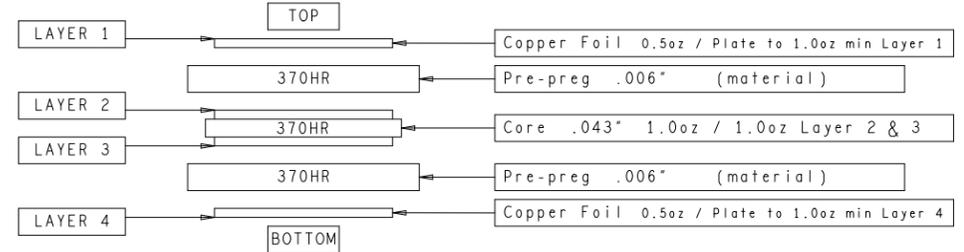


UNLESS OTHERWISE SPECIFIED, ALL NOTES ARE APPLICABLE.

1. APPLICATION DESIGN, MANUFACTURING AND INSPECTION DOCUMENTS:  
IPC-2221A & IPC-2222 / DESIGN STANDARD FOR RIGID PRINTED CIRCUIT BOARDS AND RIGID PRINTED BOARD ASSEMBLIES.  
IPC-6012 / QUALIFICATION AND PERFORMANCE SPECIFICATION FOR RIGID PRINTED BOARD, CLASS 2, CURRENT REVISION.  
IPC-A-600 / ACCEPTABILITY OF PRINTED BOARDS, CLASS 2, CURRENT REVISION.
2. VIA SIZE APPLY AFTER PLATING. TOLERANCE TO BE  $\pm .003/- .010$ .  
HOLE SIZE APPLY AFTER PLATING. TOLERANCE TO BE  $\pm .003$ .
3. REGISTRATION TOLERANCE: ARTWORK  $\pm .002$ .  
ALL HOLE CENTERS  $\pm .005$  FROM DIMENSION DATUM.
4. MINIMUM COPPER WALL THICKNESS SHALL BE  $.001$  INCH.  
FOR ALL PLATED THROUGH HOLES. BREAKOUT NOT ALLOWED.
5. 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:  $.062 \pm 10\%$
6. MANUFACTURE'S UL MARKING, FLAMMABILITY RATING, LOGO AND DATE CODE TO BE PLACED IN SILKSCREEN ON BOTTOM SIDE OF THE BOARD.
7. SMOBC/IMMERSION GOLD: 2 - 5  $\mu$ IN OVER 118-236  $\mu$ IN NICKEL PLATING.
8. SOLDERMASK BOTH SIDES USING TAIYO (OR EQUIVALENT)  
COLOR = RED.
9. SILKSCREEN BOTH SIDES USING WHITE NPI LEADFREE.  
REGISTRATION TOLERANCE TO BE  $\pm .005$ .  
INK IS NOT ALLOWED ON EXPOSED PLATED AREA.
10. P.C. BOARD TO BE FREE OF DIRT, OIL, FINGER PRINTS, ETC.
11. BOARD WARPAGE: WARP AND TWIST SHALL NOT EXCEED  $.007$  INCH PER INCH MEASURED AT ANY LOCATION OR DIRECTION ON THE BOARD.
12. BOARD MUST BE 100% ELECTRICALLY TESTED TO ENSURE NO SHORTS OR OPEN CIRCUITS AT 20V.

13. ALL OUTER LAYERS USING A 5MIL TRACE WIDTH AND 5MIL SPACING SHALL BE 100 OHMS DIFFERENTIAL  $\pm 10\%$ .
14. MINIMUM COPPER CONDUCTOR WIDTH IS: 5MIL.  
MINIMUM COPPER CONDUCTOR SPACING IS: 5MIL.
15. ALL INNER LAYER UNCONNECTED PADS SHALL BE REMOVED.
16. PWB MUST BE ROHS COMPLIANT AND SURVIVE LEAD FREE ASSEMBLY, MAX REFLOW OF 260 DEGREES C (6 PASSES).

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	D	Updated J2 footprint, added silkscreen, enlarged board profile and updated fabrication notes.	6/9/16	



DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
.	10.0	PLATED	637
•	38.0	PLATED	3
T	156.0	PLATED	2
*	40.0	NON-PLATED	2
v	50.0	NON-PLATED	2
Y	125.0	NON-PLATED	6

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES $\pm .XX \pm .01$ $\pm .XXX \pm .005$ $\pm$	CONTRACT NO.		TEXAS INSTRUMENTS INC.	
	APPROVALS	DATE		
MATERIAL SEE NOTE 5	DRAWN	P LARSON	06-17-09	FABRICATION DRAWING FMC-ADC ADAPTER
	ENG	R PRENTICE	06-17-09	
FINISH SEE NOTE 7, 8, 9	SCALE	NONE	SIZE	CODE IDENT NO.
DO NOT SCALE DRAWING			D	DRAWING NO.
				REV. D
				SHEET 1 OF 1