

Layer Stack Up Detail for TIDA-00436.PcbDoc			
Layer Name	Dielectric Material	Copper Thickness	Solder Resist
Top Solder Mask	(.615)		
Top Layer	(.615)	2.8mil	FR-4
Prepreg	(.01)	2.8mil	FR-4
Core	(.02)	2.8mil	FR-4
Bottom Layer	(.68)	2.8mil	FR-4
Bottom Solder Mask	(.685)		Solder Resist

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
2244.09MIL X 3228.34MIL
Number of Layers : 4
MIN. TRACK WIDTH: 8 MIL
MIN. CLEARANCE: 6 MIL
MIN. VIA PAD SIZE: 19.685 MIL
It is not an impedance controlled board.
MINIMUM ANNUAL RING 0.127mm (5MIL) EXTERNAL
PER IPC-D-275 CLASS 2 LEVEL C
REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL

MATERIAL:
☒ FR-408 ☐ FR-4 High Tg ☐ OTHER
THICKNESS: ☒ 63 MIL (1.6mm) +/-10% ☐ OTHER
TOLERANCE: ☒ ANSI IPC-6012 TYPE 3 CLASS 2
☐ OTHER +/-
BOW & TWIST: ☒ ANSI IPC-6012 TYPE 3 CLASS 2
☐ OTHER +/-
COPPER THICKNESS (FINISHED):
OUTER: ☐ 1.4MIL (1oz) ☐ 2MIL (1.4oz) ☒ 2.8MIL (2oz)
INNER SIGNAL: ☐ 1.4MIL (1oz) ☒ 2.8MIL (2oz) ☐ N/A
DRILLING:
REFERENCE: ☒ AS SHOWN ☒ NC_DRILL FILES
PTH MIN COPPER THICKNESS: ☒ 1MIL ☐ OTHER
BOARD FINISH:
SILKSCREEN: ☒ TOP ☒ BOTTOM
SILKSCREEN COLOR: ☒ WHITE ☐ OTHER
SOLDER RESIST COLOR:
☒ GREEN ☐ BLUE ☐ OTHER
SURFACE FINISH: ☒ IMMERSION GOLD (ENG) ☐ ENIG
☐ MM. TIN/SILVER OR EQUIV ☐ OTHER
ARRAY/PANEL: ☐ CUT AND TRIM PER MECH LAYER 1
☐ N.C. ROUTE ☒ V. SCORE
CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCBs TO MEET OR EXCEED THE REQUIREMENTS OF:
☒ ANSI IPC-A-600F CLASS -> ☐ 1 ☒ 2 ☐ 3
☒ UL 94V-0 ☒ RoHS ☐ OTHER PER ORDER
ADDITIONAL REQUIREMENTS:
MICROSECTION: ☐ YES VIA TENCING: YES ☒ NO
BARE BOARD ELEC. TEST: ☐ NONE ☒ REQUIRED ☐ PER ORDER
MANUFACTURER'S UL: ☐ RAL ☐ METAL ☒ SILK



PROJECT TITLE:
TIDA-00436_E2

DESIGNED FOR:

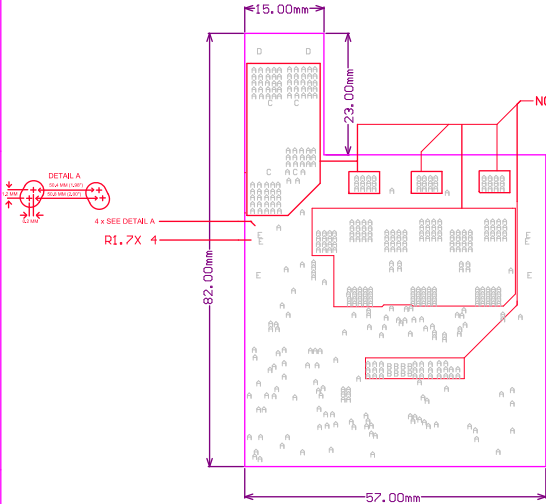
FILE NAME:
TIDA-00436.PcbDoc

ENGINEER:
Nelson

LAYOUT BY:

SCALE: 0.70

ALTIM DESIGNER VERSION:
10.0.0.27009



Symbol	Hit Count	Tool Size	Plated	Hole Type
B	8	7.874mil (0.2mm)	PTH	Round
A	449	15mil (0.381mm)	PTH	Round
C	4	33.622mil (0.854mm)	PTH	Round
D	2	50mil (1.27mm)	PTH	Round
E	6	143.858mil (3.654mm)	NPTH	Round
469 Total				

Drill Table
DRILL TOLERANCE
FOR NPTH +/- 2MIL
EXCEPT 7.874 ,15 MILS ALL OTHERS HAVE +/-3 MILS TOLERANCE.
FOR 7.874 MIL DRILL +0/-7.874 MIL
FOR 15 MIL DRILL :+0 +/-15 MIL

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00436	REV: E2	SUN REV: Not In VersionControl
LAYER NAME = DRILL DRAWING			
PLOT NAME = Fabrication Drawing	GENERATED : 3/13/2015 5:00:49 PM	TEXAS INSTRUMENTS	

Texas Instruments (TI) and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. TI and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. TI and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.