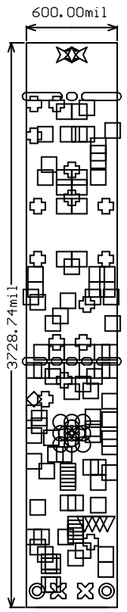


Symbol	Quantity	Finished Hole Size	Plated	Hole Type
✡	1	29,53mil (0,750mm)	NPTH	Round
⊠	2	43.31mil (1.100mm)	NPTH	Round
○	13	7.87mil (0.200mm)	PTH	Round
□	102	10,00mil (0,254mm)	PTH	Round
◇	1	15.00mil (0.381mm)	PTH	Round
✪	15	17.72mil (0,450mm)	PTH	Round
▽	4	25,59mil (0,650mm)	PTH	Round
⌘	2	29,53mil (0.750mm)	PTH	Round
●	2	30,00mil (0,762mm)	PTH	Slot
	142 Total			

Layer Stack Up Detail for: TIDA-00752_E1

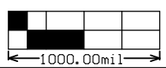
Layer Name	Gerber Document	Copper Thickness	Dielectric Material
Top Solder Mask	(.GTS)		Solder Resist
Top Layer	(.GTL)	1.4mil	FR-4 High Tg
GND	(.G1)	1.4mil	FR-4 High Tg
PWR	(.G2)	1.4mil	FR-4 High Tg
Bottom Layer	(.GBL)	1.4mil	FR-4 High Tg
Bottom Solder Mask	(.GBS)		Solder Resist

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
600MIL X 3728.74MIL

Number of Layers : 4
MIN. TRACK WIDTH: 8 MIL
MIN. CLEARANCE: 7.874MIL
MIN. VIA DRILL SIZE: 7.874MIL
MINIMUM ANNULAR RING 3.785 MIL EXTERNAL
PER IPC-D-275 CLASS 2 LEVEL C
REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL

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



TEXAS INSTRUMENTS

PROJECT TITLE: 2-Wire Galvanically Isolated IC Temperature Sensor with Pulse
DESIGNED FOR: Public Release
FILE NAME: TIDA-00752_E1_TID.PcbDoc

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00752	REV: E1	SVN REV: Not In VersionControl
LAYER NAME = Drill Drawing	TID #: TIDA-00752		
PLOT NAME = Fabrication Drawing	GENERATED : 12/9/2015 2:22:46 PM	TEXAS INSTRUMENTS	

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ENGINEER:	LAYOUT BY:
SY	SY
SCALE: 1.00	ALTIUM DESIGNER VERSION: 14.3.20.54863