Layer Stack Up Detail for: TIDA-00498.PcbDoc

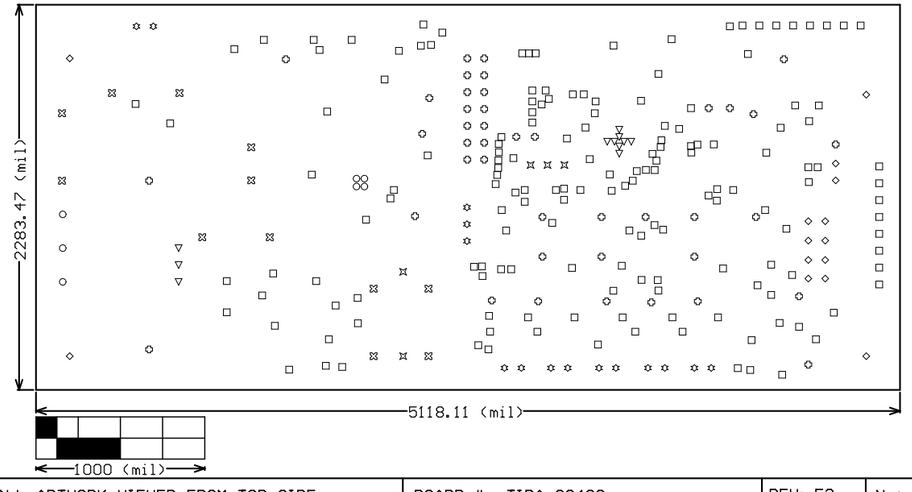
Layer Name	Gerber Document	Copper Thickness	Dielectric Material
Top Solder Mask	(.GTS)		Solder Resist
Top Layer	(.GTL)	1.4mil	FR-408
Bottom Layer	(.GBL)	1.4mil	
Bottom Solder Mask	(.GBS)		Solder Resist

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
5118.11MIL X 2283.47MIL

Number of Layers : 2
MIN. TRACK WIDTH: 6 MIL
MIN. CLEARANCE: 8 MIL
MIN. VIA PAD SIZE: 19.685MIL
MINIMUM ANNULAR RING 0.15 (5.9055MIL) EXTERNAL
PER IPC-D-275 CLASS 2 LEVEL C
REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL

MATERIAL:
[X] FR-408 [ ] 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: [ ] 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
BARE BOARD ELEC. TEST: [ ] NONE [X] REQUIRED [ ] PER ORDER
MANUFACTURER'S UL: [ ] RAIL [ ] METAL [X] SILK



Symbol	Hit Count	Tool Size	Plated	Hole Type
▽	8	7.874mil (0.2mm)	PTH	Round
□	146	12mil (0.305mm)	PTH	Round
○	4	12.992mil (0.33mm)	PTH	Round
⌑	3	31.496mil (0.8mm)	PTH	Round
✡	3	33.465mil (0.85mm)	PTH	Round
⊠	2	36mil (0.914mm)	PTH	Round
◇	10	38mil (0.965mm)	PTH	Round
✪	40	40mil (1.016mm)	PTH	Round
□	16	43.307mil (1.1mm)	PTH	Round
✡	12	44mil (1.118mm)	PTH	Round
⊠	10	45.276mil (1.15mm)	PTH	Round
▽	3	50mil (1.27mm)	PTH	Round
⌑	2	51mil (1.295mm)	PTH	Round
○	3	52mil (1.321mm)	PTH	Round
✪	2	106.5mil (2.705mm)	PTH	Round
◇	4	125.984mil (3.2mm)	PTH	Round
	268 Total			

Drill Table

DRILL TOLERANCES:
FOR PTH +/-3MILS
7.874mil drill:+0/-7.874mil
12mil drill:+0/-12mil
12.992mil drill:+0/-12.992mil

TEXAS INSTRUMENTS

PROJECT TITLE: MCCB/ACB FE_TU
DESIGNED FOR: Public Release
FILE NAME: TIDA-00498.PcbDoc

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00498	REV: E2	Not In VersionControl
LAYER NAME = Mill Board Outline	MCCB/ACB FE_TU		
PLOT NAME = Fabrication Drawing	GENERATED : 6/2/2015 3:04:18 PM		TEXAS INSTRUMENTS

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ENGINEER: Sreenivasa	LAYOUT BY: Manjunath M
SCALE: 1.00	ALTIUM DESIGNER VERSION: 10.0.0.27009