Layer Stack Up Detail for: SV601136A.PcbDoc

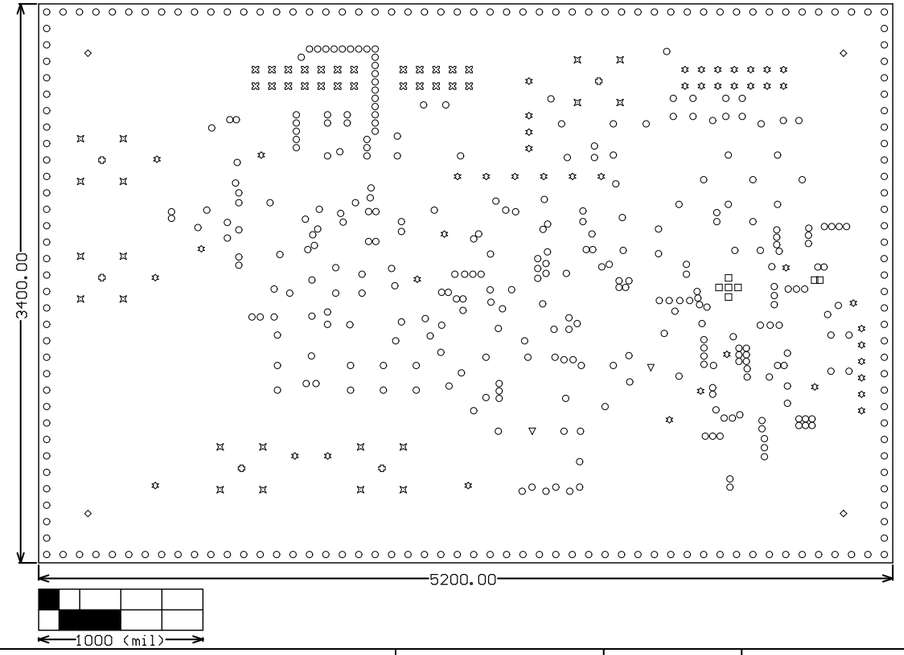
Layer Name	Gerber Document	Copper Thickness	Dielectric Height	Dielectric Material	Dielectric Constant	Dielectric Type
Top Solder Mask	(.GTS)		0.4mil	Solder Resist	3.50	
Top Layer	(.GTL)	1.4mil				
			5.2mil	370HR	4.80	PrePreg
GND	(.GPI)	1.4mil				
			43mil	370HR	4.80	Core
POWER	(.GI)	1.4mil				
			5.2mil	370HR	4.80	PrePreg
Bottom Layer	(.GBL)	1.4mil				
Bottom Solder Mask	(.GBS)		0.4mil	Solder Resist	3.50	

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
5200 MIL x 3400 MIL

Number of Layers : 4
MIN. TRACK WIDTH: 8 MIL
MIN. CLEARANCE: 6 MIL
MIN. VIA PAD SIZE: 19 MIL
MINIMUM ANNULAR 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 [X] OTHER 370HR
THICKNESS: [X] 59 MIL (1.5mm) +/-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)
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) [ ] Pb-FREE HASL
[ ] OTHER
ARRAY/PANEL: [ ] CUT AND TRIM PER MECH LAYER 1
[X] N.C. ROUTE [ ] 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:
MICROSECTION: [ ] YES
BARE BOARD ELEC. TEST: [ ] NONE [X] REQUIRED [ ] PER ORDER
MANUFACTURER'S ID/LOGO: [ ] RAIL [ ] METAL [X] SILK



Symbol	Hit Count	Tool Size	Plated	Hole Type
□	7	7.874mil (0.2mm)	PTH	Round
○	476	12mil (0.305mm)	PTH	Round
▽	2	28mil (0.711mm)	PTH	Round
⊠	24	39.37mil (1mm)	PTH	Round
✡	46	40mil (1.016mm)	PTH	Round
⌬	5	51.181mil (1.3mm)	PTH	Round
⊠	20	86.614mil (2.2mm)	PTH	Round
◇	4	125.984mil (3.2mm)	PTH	Round
	584 Total			

Drill Table

TEXAS INSTRUMENTS

PROJECT TITLE: TDC1000-C2000EVM
DESIGNED FOR: Public Release
FILE NAME: SV601136A.PcbDoc

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: SV601136	REV: A	SVN REV: Not In VersionControl
LAYER NAME = [illegible]ions			
PLOT NAME = Fabrication Drawing			TEXAS INSTRUMENTS

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ENGINEER: Matt Minasi	LAYOUT BY: Krypton Solutions LLC
SCALE: 1.00	ALTIUM DESIGNER VERSION: 10.0.0.27009