Layer Stack Up Detail for: SV601148A.PcbDoc

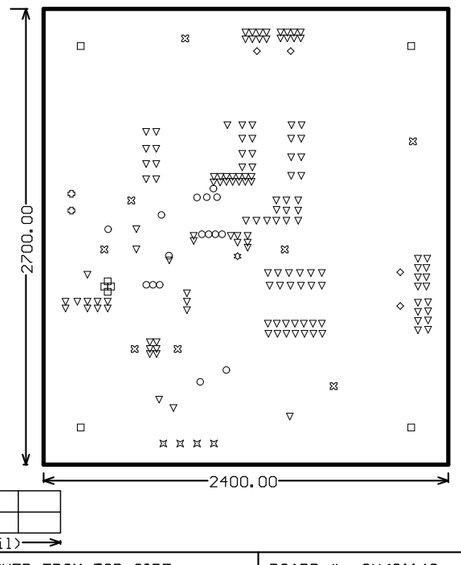
Layer Name	Gerber Document	Copper Thickness	Dielectric Height	Dielectric Material	Dielectric Type
Top Solder Mask	(.GTS)		0.4mil	Solder Resist	
Top Layer	(.GTL)	2.8mil			
			5mil	FR-4	Core
MidLayer1	(.G1)	2.8mil			
			40mil	FR-4	PrePreg
InternalPlane1	(.GP1)	2.8mil			
			5mil	FR-4	Core
Bottom Layer	(.GBL)	2.8mil			
Bottom Solder Mask	(.GBS)		0.4mil	Solder Resist	

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
2400MIL X 2700

Number of Layers : 4
MIN. TRACK WIDTH: 6 MIL
MIN. CLEARANCE: 6 MIL
MIN. VIA PAD SIZE: 18 MIL
MINIMUM ANNULAR RING 0.05mm (2MIL) 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] 62 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: [ ] 1.4MIL (1oz) [ ] 2MIL (1.4oz) [X] 2.8MIL (2oz)
INNER SIGNAL: [ ] 1.4MIL (1oz) [X] 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:
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
□	4	7.874mil (0.2mm)	PTH	Round
○	16	8mil (0.203mm)	PTH	Round
▽	142	12mil (0.305mm)	PTH	Round
☼	1	38mil (0.965mm)	PTH	Round
⌑	4	39.37mil (1mm)	PTH	Round
⊠	8	40mil (1.016mm)	PTH	Round
⌬	2	43.307mil (1.1mm)	PTH	Round
◇	4	55.118mil (1.4mm)	PTH	Round
□	4	125.984mil (3.2mm)	PTH	Round
	185 Total			

Drill Table

TEXAS INSTRUMENTS

PROJECT TITLE: LMG5200EVM-01A
DESIGNED FOR: Public Release
FILE NAME: SV601148A.PcbDoc

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: SV601148	REV: A	SVN REV: Not In VersionControl
LAYER NAME = [illegible]ensions			
PLOT NAME = Fabrication Drawing	GENERATED : 3/5/2015 2:01:40 PM	TEXAS INSTRUMENTS	

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ENGINEER:	LAYOUT BY:
Narendra Mehta	Narendra Mehta
SCALE: 1.10	ALTIUM DESIGNER VERSION: 10.0.0.27009