

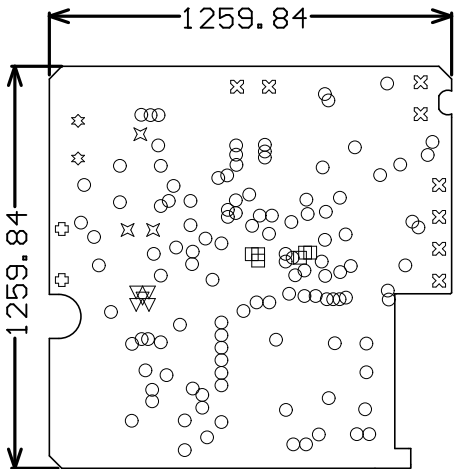
A

B

C

D

ALL VIAS TO BE FILLED AND PLATED SHUT.



Symbol	Hit Count	Tool Size	Plated	Hole Type
□	6	6mil (0.152mm)	PTH	Round
▽	5	7.874mil (0.2mm)	PTH	Round
○	117	8mil (0.203mm)	PTH	Round
⊗	2	27.559mil (0.7mm)	PTH	Round
⊗	8	30mil (0.762mm)	PTH	Round
☆	2	35.433mil (0.9mm)	NPTH	Round
⊗	3	39.016mil (0.991mm)	NPTH	Round
143 Total				

Drill Table

Layer Stack Up Detail for: AIP029A.PcbDoc

Layer Name	Gerber Document	Copper Thickness	Dielectric Material
Top Solder Mask	(.GTS)		Solder Resist
Top Layer	(.GTL)	1.4mil	FR-4
MidLayer1	(.G1)	1.4mil	FR-4
MidLayer2	(.G2)	1.4mil	FR-4
Bottom Layer	(.GBL)	1.4mil	FR-4
Bottom Solder Mask	(.GBS)		Solder Resist

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
1259.882 MIL X 1259.882 MIL

Number of Layers : 4
MIN. TRACK WIDTH: 4 MIL
MIN. CLEARANCE: 3 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 ☒ FR-4 High Tg ☐ OTHER _____
THICKNESS: ☐ 62 MIL (1.6mm) +/-10% ☒ OTHER 31 MIL
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 BLACK
SURFACE FINISH: ☒ IMMERSION GOLD (ENIG) ☐ ENEPIG
☐ IMM. 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
BARE BOARD ELEC. TEST: ☐ NONE ☒ REQUIRED ☐ PER ORDER
MANUFACTURER'S UL: ☐ RAIL ☐ METAL ☒ SILK



PROJECT TITLE: AIP029	
DESIGNED FOR: Public	
FILE NAME: AIP029A.PcbDoc	
ENGINEER: Gautham Ramachandran	LAYOUT BY: Gautham Ramachandran
	ALTium DESIGNER VERSION: Altium 2010

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: AIP029	REV: A	SUN REV:
LAYER NAME =			
PLOT NAME = Fabrication Drawing	GENERATED : 5/21/2014 18:51		TEXAS INSTRUMENTS

A

B

C

D