Layer Stack Up Detail for:TIDA-01214_ISOW_ADS8688.PcbDoc

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	
Bottom Solder Mask	(.GBS)		Solder Resist

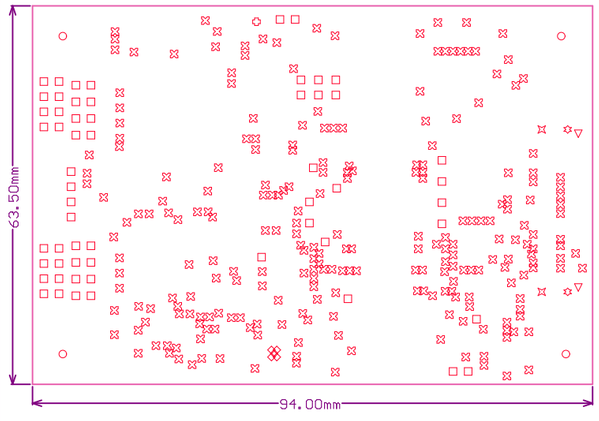
DESIGN INFORMATION

MIN. TRACK WIDTH: 8 MIL
MIN. CLEARANCE: 7.874 MIL
MIN. VIA PAD SIZE: 19.685 MIL
MINIMUM ANNULAR RING 0.15mm (5.9055 MIL) EXTERNAL
PER IPC-D-275 CLASS 2 LEVEL C
REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL
HOLE SIZE TOLERANCE (UNLESS OTHERWISE SPECIFIED): +/- 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 +/- _____

DRILLING:
REFERENCE: [X] AS SHOWN [X] NC_DRILL FILES
PTH COPPER THICKNESS: [X] 20-30 um [ ] OTHER _____

BOARD FINISH:
SILKSCREEN: [X] TOP [X] BOTTOM
SILKSCREEN COLOR: [X] WHITE [ ] OTHER _____
SOLDER RESIST COLOR: [X] GREEN [ ] OTHER _____
[X] MATTE [ ] SEMI-GLOSS
SURFACE FINISH: [X] IMMERSION GOLD (ENIG) [ ] ENEPIG
[ ] IMM. TIN/SILVER OR EQUIV [ ] OTHER _____
ARRAY/PANEL: [ ] CUT AND TRIM PER M1 BOARD OUTLINE
[ ] 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] RoHS [ ] OTHER PER ORDER
ALL BOARDS MUST MEET OR EXCEED UL94-V0 REQUIREMENTS.
PCB MUST BEAR THE UL94V-0 UL REGISTERED MATERIAL ID NUMBER
ADDITIONAL REQUIREMENTS: VIA TENTING: YES [X] NO [ ]
MICROSECTION: [ ] YES IMPEDANCE CONTROL: YES [ ] NO [X]
BARE BOARD ELEC. TEST: [ ] NONE [X] REQUIRED [ ] PER ORDER



Drill Table

Symbol	Quantity	Finished Hole Size	Plated	Hole Type	Drill Layer Pair
✡	2	57.09mil (1.450mm)	NPTH	Round	Top Layer - Bottom Layer
◇	5	7.87mil (0.200mm)	PTH	Round	Top Layer - Bottom Layer
⊠	244	12.00mil (0.305mm)	PTH	Round	Top Layer - Bottom Layer
▽	2	25.00mil (0.635mm)	PTH	Round	Top Layer - Bottom Layer
□	58	40.00mil (1.016mm)	PTH	Round	Top Layer - Bottom Layer
⌘	2	76.00mil (1.930mm)	PTH	Round	Top Layer - Bottom Layer
✪	1	80.71mil (2.050mm)	PTH	Round	Top Layer - Bottom Layer
○	4	125.98mil (3.200mm)	PTH	Round	Top Layer - Bottom Layer
	318 Total				

FOR 7.874MIL DRILL +0/- 7.874MIL
FOR 12MIL DRILL +0/-12MIL
FOR PTH DRILL +/-3MIL
FOR NPTH DRILL +/-2MIL

TEXAS INSTRUMENTS

PROJECT TITLE: TIDA-01214_ISOW_ADS8688
DESIGNED FOR: Public Release
FILE NAME: TIDA-01214_ISOW_ADS8688.PcbDoc
ENGINEER: Sreenivasa
LAYOUT BY: Manjunath M
SCALE: 1.00
ALTIUM DESIGNER VERSION: 16.0.9.368

ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #:TIDA-01214_ISOW_ADS8688 | REV: E1 | SVN REV: Not In VersionControl
LAYER NAME = Drill Drawing | TID #: TIDA-01214
PLOT NAME = Fabrication Drawing | GENERATED : 3/3/2017 4:20:09 PM | TEXAS INSTRUMENTS

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