

Layer Stack Up Detail for: Adapter Card.PcbDoc			
Layer Name	Layer Description	Copper Thickness	Dielectric Material
Top Solder Mask	(.GTS)		Solder Resist
Top Layer	(.GTL)	1.4mil	FR-4
Middle Layer 1	(.GDI)	1.4mil	FR-4
Middle Layer 2	(.GDI)	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)
80mm X 40mm

Number of Layers : 4
MIN. TRACK WIDTH: 8 MIL
MIN. CLEARANCE: 8 MIL
MIN. VIA PAD SIZE: 40 MIL
MINIMUM ANNULAR RING 0.254mm (10MIL) 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
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 ☒ NO DRILL FILES
PTH MIN COPPER THICKNESS: ☒ 1MIL ☐ OTHER

BOARD FINISH:
SILKSCREEN: ☒ TOP ☐ BOTTOM
SILKSCREEN COLOR: ☒ WHITE ☐ OTHER
SOLDER RESIST COLOR:
☒ GREEN ☐ BLUE ☐ OTHER

SURFACE FINISH: ☒ IMMERSION GOLD (ENG) ☐ ENERPIG
☐ 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 VIA TENCING: YES ☒ NO ☐
BARE BOARD ELEC. TEST: ☐ NONE ☒ REQUIRED ☐ PER ORDER
MANUFACTURER'S UL: ☐ RAIL ☐ METAL ☒ SILK



PROJECT TITLE:
ISE_MCS_ADB_E1

DESIGNED FOR:
Public Release

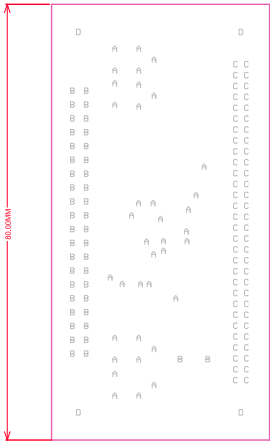
FILE NAME:
TIDA-00209.PcbDoc

ENGINEER:
N Navaneeth

LAYOUT BY:
Shar anu

SCALE: 0.72

ALTUM DESIGNER VERSION:
14.3.14.34663



Symbol	Hit Count	Tool Size	Plated	Hole Type
A	32	20mil (0.508mm)	PTH	Round
C	60	31mil (0.787mm)	PTH	Round
B	42	38mil (0.965mm)	PTH	Round
D	4	125.984mil (3.2mm)	PTH	Round
143 Total				

Drill Table
DRILL TOLERANCE
FOR PTH +/- .3MIL

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00209	REV: E1	SUN REV: Not In VersionControl
LAYER NAME = Drill Drawing			
PLOT NAME = Fabrication Drawing	GENERATED : 1/20/2015 4:02:16 PM	TEXAS INSTRUMENTS	

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