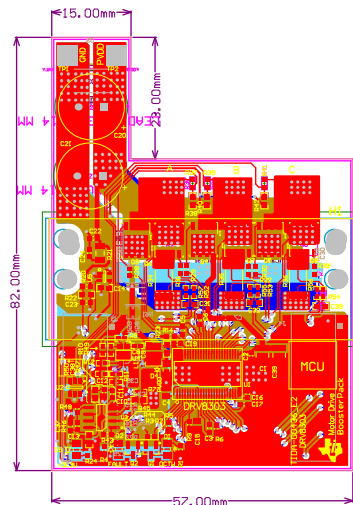


Layer Stack Up Detail for: TIDA-00436_PcbDoc			
Layer Name	Gerber Dimensions	Copper Thickness	Dielectric Material
Top Solder Mask	(.615D)		Solder Resist
Top Layer	(.617L)	2.0mil	
POWER	(.61)	2.0mil	FR-4
OND	(.62)	2.0mil	FR-4
Bottom Layer	(.68L)	2.0mil	FR-4
Bottom Solder Mask	(.685D)		Solder Resist

224 ■ These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.  
223 ■ These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.  
222 ■ These assemblies are ESD sensitive. ESD precautions shall be observed.



DESIGN INFORMATION

BOARD SIZE: (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)

2244.09MIL X 3228.34MIL

Number of Layers : 4

MIN. TRACK WIDTH: 8 MIL

MIN. CLEARANCE: 6 MIL

MIN. VIA PAD SIZE: 19.685 MIL

It is not an impedance controlled board.

MINIMUM ANNUAL RING 0.127mm (.5MIL)

EXTERNAL

PER IPC-D-275 CLASS 2 LEVEL C

REGISTRATION TOLERANCES: MATEL +/- .5 MIL, HOLES +/- .3 MIL

MATERIAL:

☒ FR-408 ☐ FR-4 High Tg ☐ OTHER

THICKNESS: ☒ 63 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 ☒ NC DRILL FILES

PTH MIN COPPER THICKNESS: ☒ 1MIL ☐ OTHER

BOARD FINISH:

SLICKSCREEN: ☒ TOP ☒ BOTTOM

SLICKSCREEN COLOR: ☒ WHITE ☐ OTHER

SOLDER RESIST COLOR:

☒ GREEN ☐ BLUE ☐ OTHER

SURFACE FINISH: ☐ IMMERSION GOLD (ENG) ☐ ENIG

☐ IMM. TIN/SILVER OR EQUIV ☐ OTHER

ARRAY/PANEL: ☐ CUT AND TRM 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 TENTING: YES ☒ NO ☐

BARE BOARD ELEC. TEST: ☐ NONE ☒ REQUIRED ☐ PER ORDER

MANUFACTURER'S UL: ☐ RAL ☐ METAL ☒ SLK



PROJECT TITLE: TIDA-00436_E2	
DESIGNED FOR:	
FILE NAME: TIDA-00436_PcbDoc	
ENGINEER: Nelson	LAYOUT BY:
SCALE: 1.00	ALTIM DESIGNER VERSION: 10.0.0.27009

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