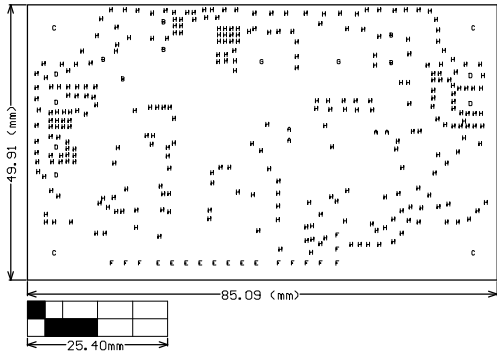


Symbol	Hlt Count	Finished Hole Size	Plated	Hole Type
H	292	18mil (0.4572mm)	PTH	Round
A	4	29.528mil (0.75mm)	PTH	Round
B	6	33.465mil (0.85mm)	PTH	Round
F	10	39.37mil (1mm)	PTH	Round
E	8	40mil (1.016mm)	PTH	Round
D	6	55.118mil (1.4mm)	PTH	Round
G	2	67mil (1.7018mm)	PTH	Round
C	4	125.984mil (3.2mm)	PTH	Round
	332 Total			

Drill Table  
DRILL TOLERANCE  
FOR PTH +/- 3MIL  
18mil drill:+0/-18mil



#### Layer Stack Up Detail for: TIDA-00476-E1.PcbDoc

Layer Name	Berow Thickness	Copper Thickness	Substrate Thickness	Substrate Material	Substrate Color	Substrate Type
Top Solder Mask	(.075)		0.4mil	Solder Resist	3.50	
Top Layer	(.075)	1.4mil	59.2mil	FR-4 High Tg	4.80	Core
Bottom Layer	(.080)	1.4mil				
Bottom Solder Mask	(.085)		0.4mil	Solder Resist	3.50	

#### DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)  
85.09MM X 49.91MM  
Number of Layers : 2  
MIN. TRACK WIDTH: 8 MIL  
MIN. CLEARANCE: 7.874MIL  
MIN. VIA PAD SIZE: 34 MIL  
MINIMUM ANNULAR RING 0.203mm (8MIL) 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: ☒ 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:  
SILKSCREEN: ☒ TOP ☒ BOTTOM  
SILKSCREEN COLOR: ☒ WHITE ☐ OTHER  
SOLDER RESIST COLOR:  
☒ GREEN ☐ BLUE ☐ OTHER  
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: VIA TENTING YES ☒ NO  
MICROSECTION: ☐ YES IMPEDANCE CONTROL: YES ☐ NO ☒  
BARE BOARD ELEC. TEST: ☐ NONE ☒ REQUIRED ☐ PER ORDER  
MANUFACTURER'S UL: ☐ RAL ☐ METAL ☒ SILK



PROJECT TITLE:  
TIDA-00476\_CARD

DESIGNED FOR:  
Public Release

FILE NAME:  
TIDA-00476\_E1.PcbDoc

ENGINEER:  
Salil Chellappan

LAYOUT BY:  
Manjunatha T N

SCALE: 1.00

ALTIM DESIGNER VERSION:  
10.0.0.27009

ALL ARTWORK VIEWED FROM TOP SIDE BOARD #: TIDA-00476 REV: E1 SUN REV: Not In VersionControl

LAYER NAME= Drill Drawing

PLOT NAME=TIDA-00476\_E1.GDI

GENERATED : 9/8/2015 3:03:19 PM TEXAS INSTRUMENTS

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