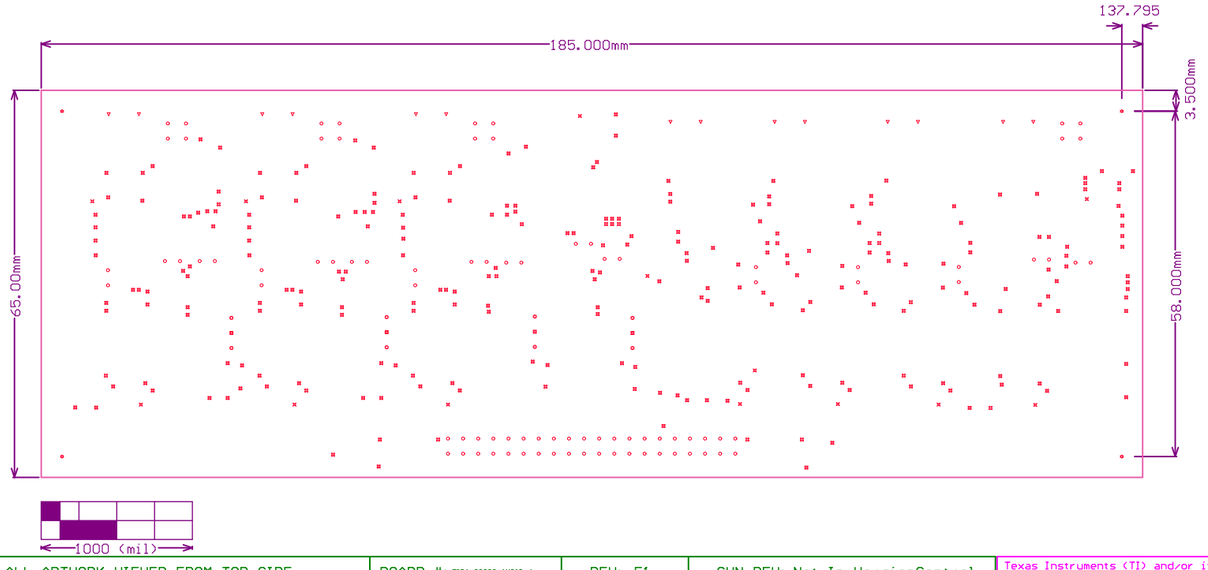
Drill Table

Symbol	Count	Hole Size	Plated	Hole Type
⊠	256	16.00mil (0.406mm)	PTH	Round
⊡	8	32.00mil (0.813mm)	PTH	Round
○	88	38.00mil (0.965mm)	PTH	Round
⊠	14	40.00mil (1.016mm)	PTH	Round
▽	14	49.21mil (1.250mm)	PTH	Round
▣	4	60.00mil (1.524mm)	NPTH	Slot
☼	4	128.00mil (3.251mm)	NPTH	Round
	388 Total			

FOR 16MIL DRILL +0/-16MIL
FOR PTH DRILL +/-3MIL
FOR NPTH DRILL +/-3MIL

Slot definitions : Routed Path Length = Calculated from tool start centre position to tool end centre position.
Hole Length = Routed Path Length + Tool Size = Slot length as defined in the PCB layout



Layer Stack Up Detail for: TIDA-00080_AMC13x6.PcbDoc

Layer Name	Gerber Document	Copper Thickness	Dielectric Material
Top Solder Mask	(.GTS)		Solder Resist
Top Layer	(.GTL)	2.8mil	
			FR-4
MidLayer1	(.G1)	2.8mil	
			FR-4
MidLayer2	(.G2)	2.8mil	
			FR-4
Bottom Layer	(.GBL)	2.8mil	
Bottom Solder Mask	(.GBS)		Solder Resist

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
185mm X 65mm
Number of Layers : 4
MIN. TRACK WIDTH: 8 MIL
MIN. CLEARANCE: 8 MIL
MIN. VIA PAD SIZE: 24 MIL
MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL
PER IPC-D-275 CLASS 2 LEVEL C
REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL
VIA'S TO BE TENTED

MATERIAL:
[ ] FR-408 [X] FR-4 High Tg [ ] OTHER
THICKNESS: [X] 63MIL (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 +/-
COPPER THICKNESS (FINISHED):
OUTER: [ ] 1.4MIL (1oz) [ ] 2MIL (1.4oz) [X] 2.8MIL (2oz)
INNER SIGNAL: [ ] 1.4MIL (1oz) [X] 2.8MIL (2oz) [ ] N/A
DRILLING:
REFERENCE: [X] AS SHOWN [X] NC_DRILL FILES
PTH MIN COPPER THICKNESS: [X] 1MIL [ ] OTHER
BOARD FINISH:
SILKSCREEN: [X] TOP [X] BOTTOM
SILKSCREEN COLOR: [X] WHITE [ ] OTHER
SOLDER RESIST COLOR:
[X] GREEN [ ] BLUE [ ] OTHER
SURFACE FINISH: [X] IMMERSION GOLD (ENIG) [ ] ENEPIG
[ ] IMM. TIN/SILVER OR EQUIV [ ] OTHER
ARRAY/PANEL: [ ] CUT AND TRIM PER MECH LAYER 1
[ ] 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] UL 94V-0 [X] RoHS [ ] OTHER PER ORDER
ADDITIONAL REQUIREMENTS:
MICROSECTION: [ ] YES
BARE BOARD ELEC. TEST: [ ] NONE [X] REQUIRED [ ] PER ORDER
MANUFACTURER'S UL: [ ] RAIL [ ] METAL [X] SILK

TEXAS INSTRUMENTS

PROJECT TITLE: TIDA-00080_AMC13x6
DESIGNED FOR: Public Release
FILE NAME: TIDA-00080_AMC13x6

ENGINEER: Sreenivasa	LAYOUT BY: Avinash N
SCALE: 1.00	ALTIUM DESIGNER VERSION: 18.1.9.240

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00080_AMC13x6	REV: E1	SVN REV: Not In VersionControl
LAYER NAME = Drill Drawing	TID #: 00080		
PLOT NAME = Fabrication Drawing	GENERATED : 9/11/2019 10:45:29 AM	TEXAS INSTRUMENTS	

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