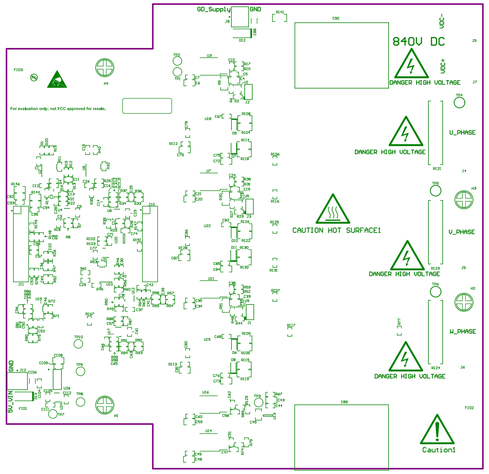
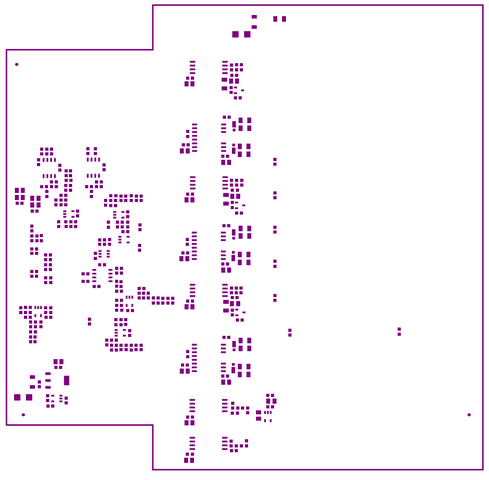
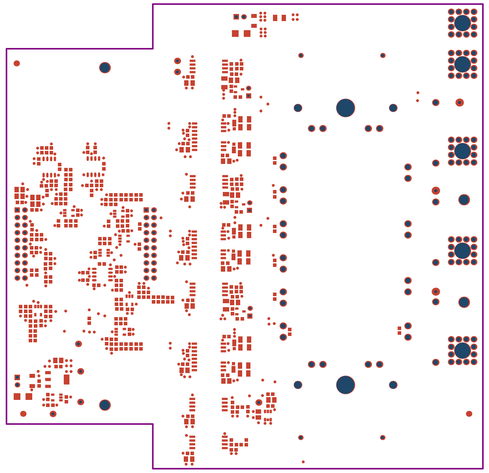


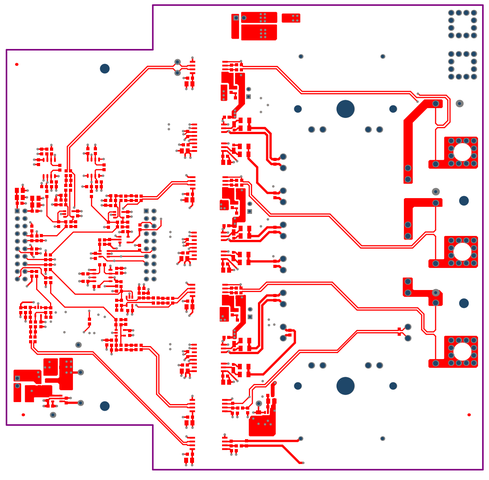
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00366 REV: E3	SUN REV: Not In VersionControl
LAYER NAME = Top Overlay	TID #: TIDA-00366	
Top Overlay	GENERATED : 3/18/2019 4:27:40 PM	TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00366 REV: E3	SVN REV: Not In VersionControl
LAYER NAME = Top Paste	TID #: TIDA-00366	
Top Paste	GENERATED : 3/18/2019 4:27:41 PM	TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00366 REV: E3	SUN REV: Not In VersionControl
LAYER NAME = Top Solder	TID #: TIDA-00366	
Top Solder Mask	GENERATED : 3/18/2019 4:27:41 PM	TEXAS INSTRUMENTS

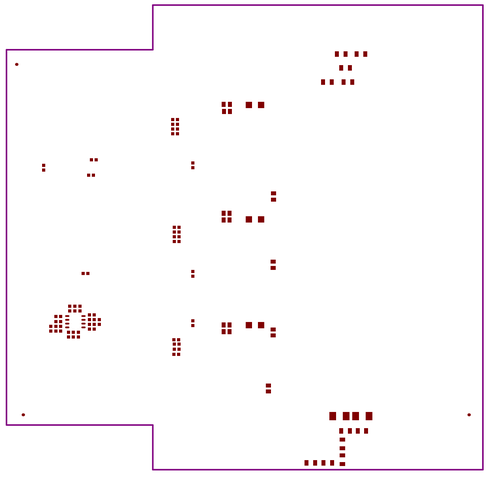


ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00366 REV: E3	SVN REV: Not In VersionControl
LAYER NAME = Top Layer	TID #: TIDA-00366	
Top Layer	GENERATED : 3/18/2019 4:27:41 PM	TEXAS INSTRUMENTS

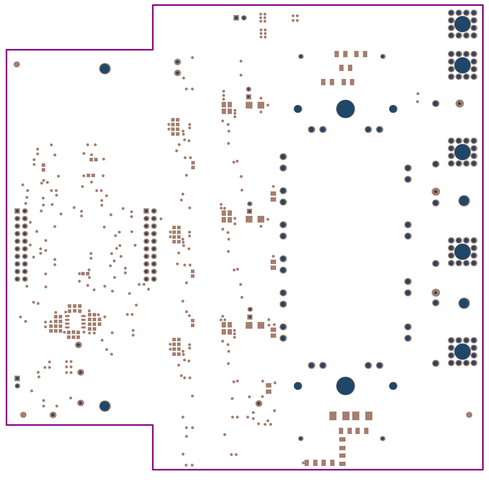
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00366 REV: E3	SUN REV: Not In VersionControl
LAYER NAME = GND	TID #: TIDA-00366	
GND	GENERATED : 3/18/2019 4:27:41 PM	TEXAS INSTRUMENTS

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00366 REV: E3	SUN REV: Not In VersionControl
LAYER NAME = PWR	TID #: TIDA-00366	
PWR	GENERATED : 3/18/2019 4:27:41 PM	TEXAS INSTRUMENTS

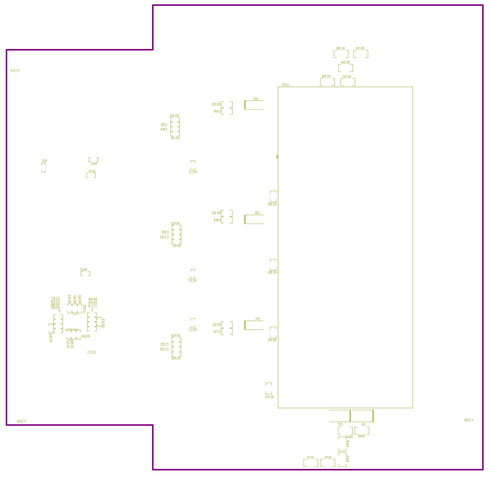
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00366 REV: E3	SVN REV: Not In VersionControl
LAYER NAME = Bottom Layer	TID #: TIDA-00366	
Bottom Layer	GENERATED : 3/18/2019 4:27:41 PM	TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00366 REV: E3	SUN REV: Not In VersionControl
LAYER NAME = Bottom Paste	TID #: TIDA-00366	
Bottom paste	GENERATED : 3/18/2019 4:27:41 PM	TEXAS INSTRUMENTS

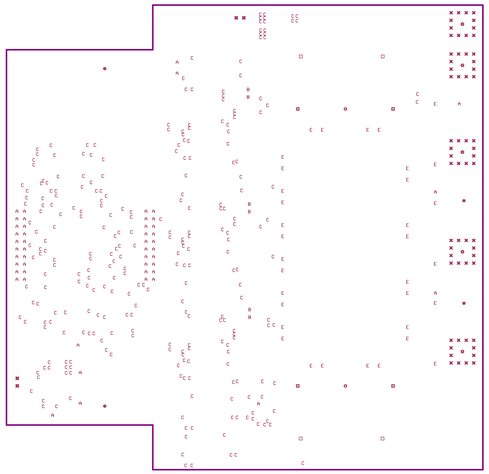


ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00366 REV: E3	SUN REV: Not In VersionControl
LAYER NAME = Bottom Solder	TID #: TIDA-00366	
Bottom Solder Mask	GENERATED : 3/18/2019 4:27:42 PM	TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00366 REV: E3	SUN REV: Not In VersionControl
LAYER NAME = Bottom Overlay	TID #: TIDA-00366	
Bottom Overlay	GENERATED : 3/18/2019 4:27:42 PM	TEXAS INSTRUMENTS

Symbol	Count	Hole Size	Plated	Hole Type
⊙	2	236.22mil (6.000mm)	NPTH	Round
□	4	41.34mil (1.050mm)	PTH	Round
⊠	4	43.31mil (1.100mm)	PTH	Round
⊡	4	98.43mil (2.500mm)	NPTH	Round
✲	4	128.00mil (3.251mm)	NPTH	Round
✪	5	208.66mil (5.300mm)	NPTH	Round
B	6	33.47mil (0.850mm)	PTH	Round
E	34	66.93mil (1.700mm)	PTH	Round
A	50	40.00mil (1.016mm)	PTH	Round
✖	60	58.07mil (1.475mm)	PTH	Round
C	271	16.00mil (0.406mm)	PTH	Round
	444 Total			



Symbol	Count	Hole Size	Plated	Hole Type
C	271	16.00mil (0.406mm)	PTH	Round
B	6	33.47mil (0.850mm)	PTH	Round
A	50	40.00mil (1.016mm)	PTH	Round
□	4	41.34mil (1.050mm)	PTH	Round
⊠	4	43.31mil (1.100mm)	PTH	Round
✖	60	58.07mil (1.475mm)	PTH	Round
E	34	66.93mil (1.700mm)	PTH	Round
⊡	4	98.43mil (2.500mm)	NPTH	Round
✲	4	128.00mil (3.251mm)	NPTH	Round
✪	5	208.66mil (5.300mm)	NPTH	Round
⊙	2	236.22mil (6.000mm)	NPTH	Round
	444 Total			

Drill Table
FOR 16MIL DRILL +0/-16MIL
FOR PTH DRILL +/-3MIL
FOR NPTH DRILL +/-2MIL

This not an impedance controlled board
All Vias are non tented

Layer Stack Up Detail for: TIDA-00366-E2

Layer	Material	Copper Thickness	Dielectric Material
Top Solder Mask	1.0Mil		Solder Resist
Top Layer	1.4Mil	1.4Mil	FR4-High Tg
DNC	4.0Mil	1.4Mil	FR4-High Tg
Via8	4.0Mil	1.4Mil	FR4-High Tg
Bottom Layer	1.4Mil	1.4Mil	FR4-High Tg
Bottom Solder Mask	1.0Mil		Solder Resist

DESIGN INFORMATION

BOARD SIZE: (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
160MM X 156MM

Number of Layers : 4
MIN. TRACK WIDTH: 12 MIL
MIN. CLEARANCE: 8 MIL
MIN. VIA DRILL SIZE: 16 MIL
MINIMUM ANNULAR RING 8 MIL EXTERNAL
PER IPC-D-275 CLASS 2 LEVEL C
REGISTRATION TOLERANCES: METAL +/- .5 ML, HOLES +/- .3 ML

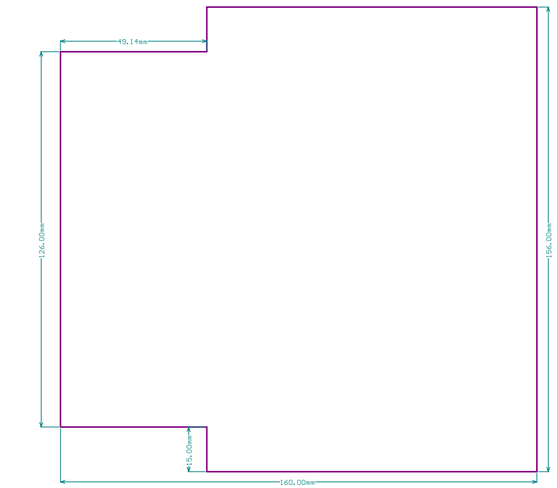
MATERIAL:
[ ] FR-408 [X] FR-4 High Tg [ ] OTHER
THICKNESS: [X] 63 MIL (1.6mm) +/-10% [ ] OTHER
TOLERANCE: [X] ANSI IPC-6012 TYPE 3 CLASS 2
[ ] OTHER +/-
BOW & TWIST: [X] ANSI IPC-6012 TYPE 3 CLASS 2
[ ] OTHER +/-
COPPER THICKNESS (FINISHED):
OUTER: [X] 1.4MIL (1oz) [ ] 2MIL (1.4oz) [ ] 2.8MIL (2oz)
INNER SIGNAL: [X] 1.4MIL (1oz) [ ] 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 (ENG) [ ] ENEPIG
[ ] MM. 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: VIA TENTING: YES [ ] NO [X]
MICROSECTION: [ ] YES IMPEDANCE CONTROL: YES [ ] NO [X]
BARE BOARD ELEC. TEST: [ ] NONE [X] REQUIRED [ ] PER ORDER
MANUFACTURERS UL: [ ] RAIL [ ] METAL [X] SILK

TEXAS INSTRUMENTS

PROJECT TITLE: TIDA-00366-E3
DESIGNED FOR: Public Release
FILE NAME: TIDA-00366-E3.PcbDoc

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

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00366 REV: E3	SUN REV: Not In VersionControl
LAYER NAME = Drill Drawing	TID #: TIDA-00366	
Drill Drawing	GENERATED : 3/18/2019 4:27:42 PM	TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00366 REV: E3	SVN REV: Not In VersionControl
LAYER NAME =	TID #: TIDA-00366	
Board Dimensions	GENERATED : 3/18/2019 4:27:43 PM	TEXAS INSTRUMENTS

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