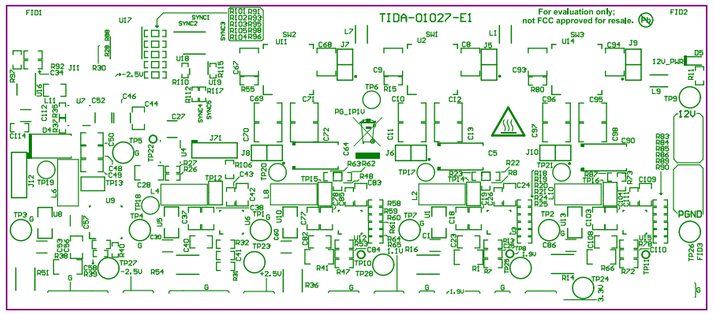
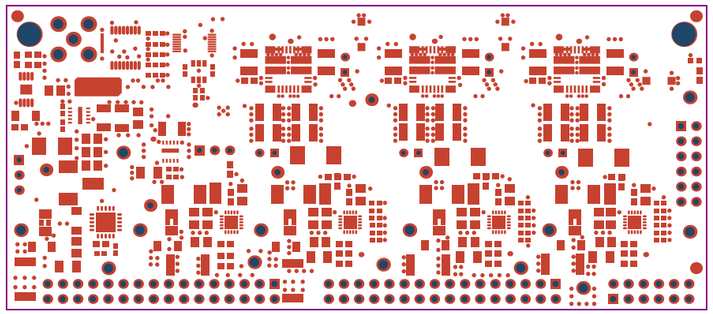
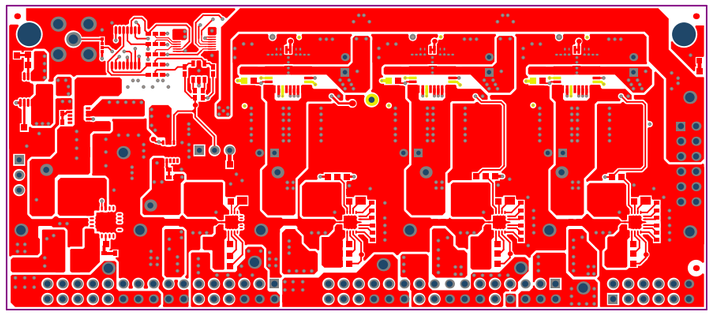


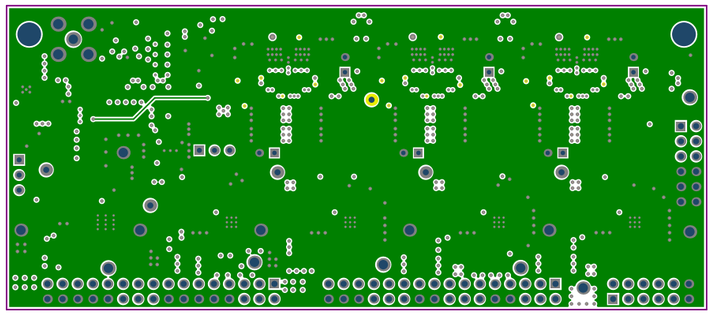
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01027	REV: E1	SVN REV: Not In VersionControl
LAYER NAME = Top Overlay	TID #: 01027		
PLOT NAME = Top Overlay	GENERATED : 2/18/2019 12:26:44 PM		TEXAS INSTRUMENTS



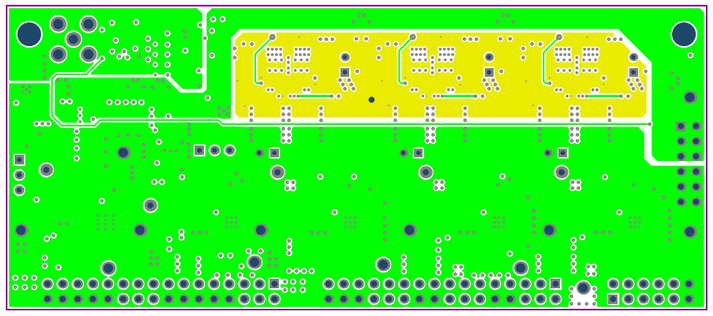
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01027	REV: E1	SVN REV: Not In VersionControl
LAYER NAME = Top Solder	TID #: 01027		
PLOT NAME = Top Solder Mask	GENERATED : 2/18/2019 12:26:44 PM		TEXAS INSTRUMENTS



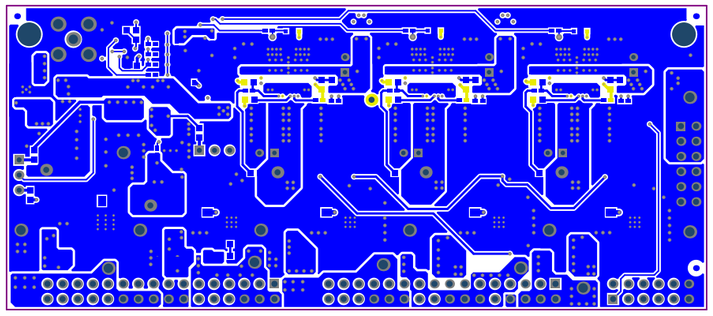
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01027	REV: E1	SVN REV: Not In VersionControl
LAYER NAME = Top Layer	TID #: 01027		
PLOT NAME = Top Layer	GENERATED : 2/18/2019 12:26:44 PM		TEXAS INSTRUMENTS



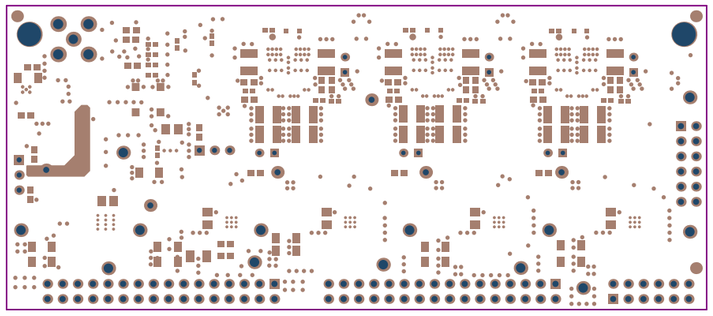
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01027	REV: E1	SVN REV: Not In VersionControl
LAYER NAME = GND	TID #: 01027		
PLOT NAME = GND Layer	GENERATED : 2/18/2019 12:26:45 PM		TEXAS INSTRUMENTS



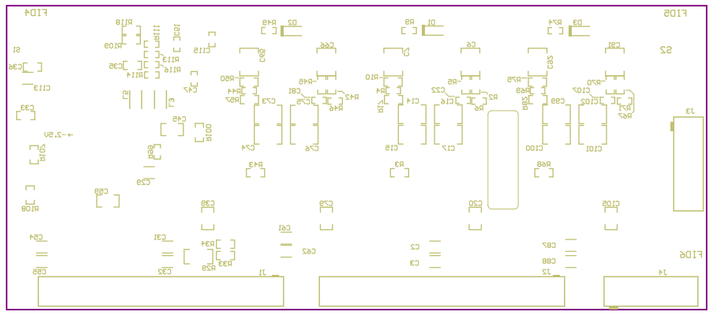
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01027	REV: E1	SVN REV: Not In VersionControl
LAYER NAME = POWER	TID #: 01027		
PLOT NAME = POWER Layer	GENERATED : 2/18/2019 12:26:45 PM		TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01027	REV: E1	SVN REV: Not In VersionControl
LAYER NAME = Bottom Layer	TID #: 01027		
PLOT NAME = Bottom Layer	GENERATED : 2/18/2019 12:26:45 PM		TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01027	REV: E1	SVN REV: Not In VersionControl
LAYER NAME = Bottom Solder	TID #: 01027		
PLOT NAME = Bottom Solder Mask	GENERATED : 2/18/2019 12:26:45 PM		TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01027	REV: E1	SVN REV: Not In VersionControl
LAYER NAME = Bottom Overlay	TID #: 01027		
PLOT NAME = Bottom Overlay	GENERATED : 2/18/2019 12:26:45 PM		TEXAS INSTRUMENTS

Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top Overlay				
2	Top Solder	Solder Resist	0.40mil	3.5	
3	Top Layer	Copper	2.80mil		
4	Dielectric 1	FR-4_HIGH Tg	12.00mil	4.2	
5	GND	Copper	1.40mil		
6	Dielectric 2	FR-4_HIGH Tg	28.00mil	4.2	
7	POWER	Copper	1.40mil		
8	Dielectric 3	FR-4_HIGH Tg	12.00mil	4.2	
9	Bottom Layer	Copper	2.80mil		
10	Bottom Solder	Solder Resist	0.40mil	3.5	
11	Bottom Overlay				

DESIGN INFORMATION

MIN. TRACK WIDTH: 6 MIL
MIN. CLEARANCE: 5.77 MIL
MIN. VIA PAD SIZE: 16 MIL
MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL
PER IPC-D-275 CLASS 2 LEVEL C
REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL
HOLE SIZE TOLERANCE (UNLESS OTHERWISE SPECIFIED): +/- 3 MIL

MATERIAL:
[ ] FR-408 [X] FR-4 High Tg [ ] OTHER
THICKNESS: [X] 62 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 +/-

DRILLING:
REFERENCE: [X] AS SHOWN [X] NC_DRILL FILES
PTH COPPER THICKNESS: [X] 20-30 um [ ] OTHER

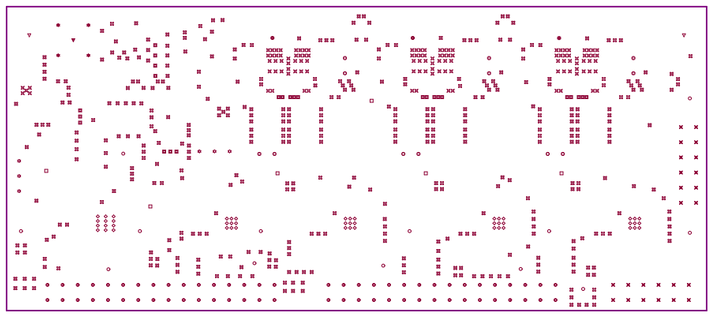
BOARD FINISH:
SILKSCREEN: [X] TOP [X] BOTTOM
SILKSCREEN COLOR: [X] WHITE [ ] OTHER
SOLDER RESIST COLOR: [ ] GREEN [X] OTHER RED
[X] MATTE [ ] SEMI-GLOSS
SURFACE FINISH: [X] IMMERSION GOLD (ENIG) [ ] ENEPIG
[ ] IMM. TIN/SILVER OR EQUIV [ ] OTHER
ARRAY/PANEL: [X] CUT AND TRIM PER M1 BOARD OUTLINE
[ ] N.C. ROUTE [ ] 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] RoHS [ ] OTHER PER ORDER
ALL BOARDS MUST MEET OR EXCEED UL94-V0 REQUIREMENTS.
PCB MUST BEAR THE UL94V-0 UL REGISTERED MATERIAL ID NUMBER

ADDITIONAL REQUIREMENTS:
MICROSECTION: [ ] YES
BARE BOARD ELEC. TEST: [ ] NONE [X] REQUIRED [ ] PER ORDER

THIS IS NOT AN IMPEDANCE CONTROL BOARD

Symbol	Quantity	Finished Hole Size	Plated	Hole Type	Drill Layer Pair
	113	7.87mil (0.200mm)	PTH	Round	Top Layer - Bottom Layer
	48	8.00mil (0.203mm)	PTH	Round	Top Layer - Bottom Layer
	25	10.00mil (0.254mm)	PTH	Round	Top Layer - Bottom Layer
	419	12.00mil (0.305mm)	PTH	Round	Top Layer - Bottom Layer
	3	20.00mil (0.508mm)	PTH	Round	Top Layer - Bottom Layer
	12	29.53mil (0.750mm)	PTH	Round	Top Layer - Bottom Layer
	6	33.47mil (0.850mm)	PTH	Round	Top Layer - Bottom Layer
	6	40.00mil (1.016mm)	PTH	Round	Top Layer - Bottom Layer
	24	40.16mil (1.020mm)	PTH	Round	Top Layer - Bottom Layer
	64	40.95mil (1.040mm)	PTH	Round	Top Layer - Bottom Layer
	1	62.00mil (1.575mm)	PTH	Round	Top Layer - Bottom Layer
	13	63.00mil (1.600mm)	PTH	Round	Top Layer - Bottom Layer
	4	67.00mil (1.702mm)	PTH	Round	Top Layer - Bottom Layer
	2	157.00mil (3.988mm)	NPTH	Round	Top Layer - Bottom Layer
	740 Total				

Tolerance:
For 7.87 mil +0/-7.87mil
For 8mil +0/-8 mil
For 10 mil +0/-10 mil
For 12 mil +0/-12 mil
For PTH +/-3 mil
For NPTH +/-2 mil

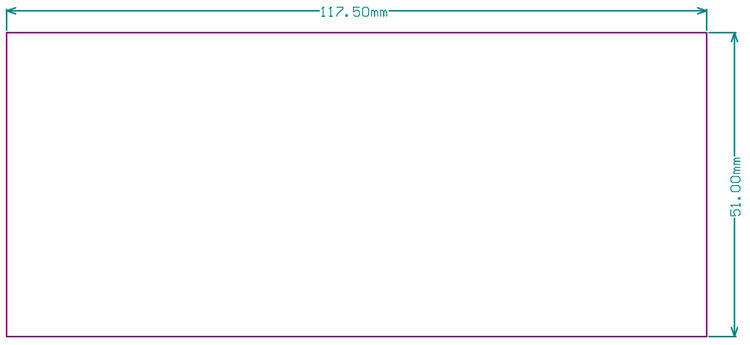


TEXAS INSTRUMENTS

PROJECT TITLE: Low-noise power-supply reference design
DESIGNED FOR: Public Release
FILE NAME: TIDA-01027-E1.PcbDoc

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01027	REV: E1	SVN REV: Not In VersionControl
LAYER NAME = Drill Drawing	TID #: 01027		
PLOT NAME = Drill Drawing	GENERATED : 2/18/2019 12:26:45 PM	TEXAS INSTRUMENTS	

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



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01027	REV: E1	SVN REV: Not In VersionControl
LAYER NAME =	TID #: 01027		
PLOT NAME = Board Dimensions	GENERATED : 2/18/2019 12:26:49 PM		TEXAS INSTRUMENTS

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