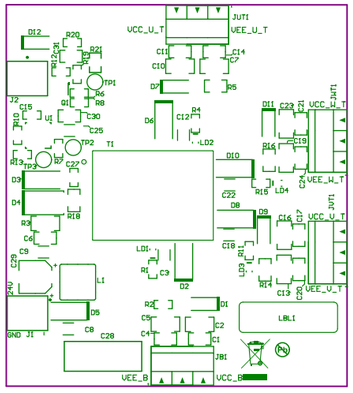
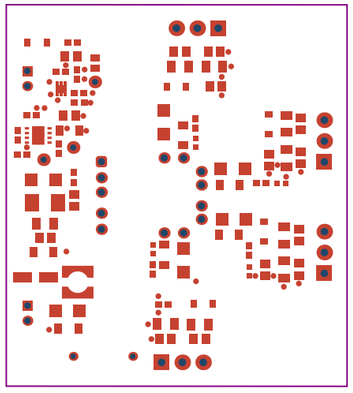
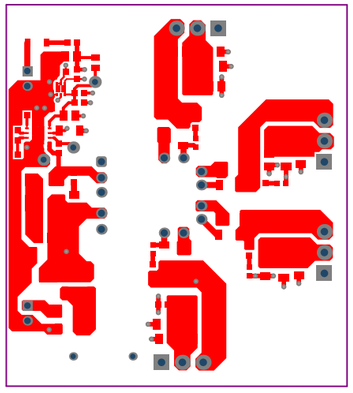


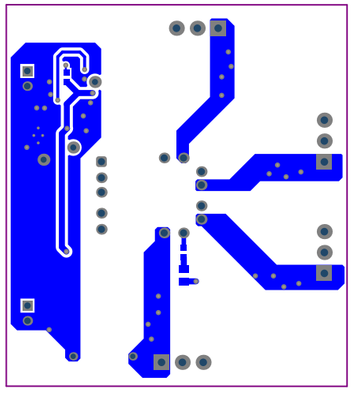
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-010006	REV: E2	SVN REV: Not In VersionControl
LAYER NAME = Top Overlay	TID #: 010006		
PLOT NAME = Top Overlay	GENERATED : 2/28/2019 2:44:30 PM		TEXAS INSTRUMENTS



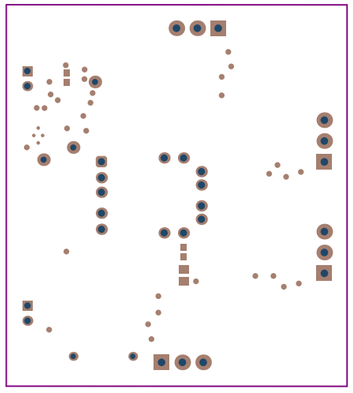
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-010006	REV: E2	SVN REV: Not In VersionControl
LAYER NAME = Top Solder	TID #: 010006		
PLOT NAME = Top Solder Mask	GENERATED : 2/28/2019 2:44:30 PM		TEXAS INSTRUMENTS



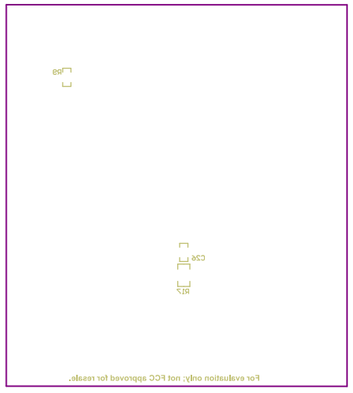
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-010006	REV: E2	SVN REV: Not In VersionControl
LAYER NAME = Top Layer	TID #: 010006		
PLOT NAME = Top Layer	GENERATED : 2/28/2019 2:44:31 PM		TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-010006	REV: E2	SVN REV: Not In VersionControl	
LAYER NAME = Bottom Layer	TID #: 010006			
PLOT NAME = Bottom Layer	GENERATED : 2/28/2019 2:44:31 PM			TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-010006	REV: E2	SVN REV: Not In VersionControl
LAYER NAME = Bottom Solder	TID #: 010006		
PLOT NAME = Bottom Solder Mask	GENERATED : 2/28/2019 2:44:31 PM		TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-010006	REV: E2	SVN REV: Not In VersionControl	
LAYER NAME = Bottom Overlay	TID #: 010006			
PLOT NAME = Bottom Overlay	GENERATED : 2/28/2019 2:44:31 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	1.40mil		
4	Dielectric1	FR-4 High Tg	59.20mil	4.8	
5	Bottom Layer	Copper	1.40mil		
6	Bottom Solder	Solder Resist	0.40mil	3.5	
7	Bottom Overlay				

DESIGN INFORMATION

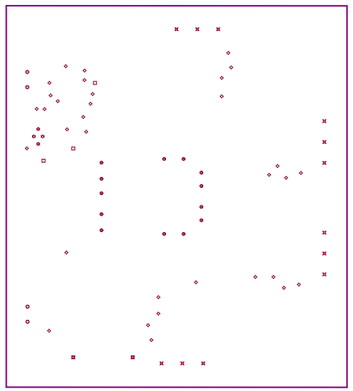
MIN. TRACK WIDTH: 10 MIL
MIN. CLEARANCE: 0.2 mm
MIN. VIA PAD SIZE: 19.685 MIL
MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL
PER IPC-D-275 CLASS 2 LEVEL C
REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL
HOLE SIZE TOLERANCE (UNLESS OTHERWISE SPECIFIED): +/- 3 MIL

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

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: [X] GREEN [ ] OTHER _____
[X] MATTE [ ] SEMI-GLOSS
SURFACE FINISH: [X] IMMERSION GOLD (ENIG) [ ] ENEPIG
[ ] IMM. TIN/SILVER OR EQUIV [ ] OTHER _____
ARRAY/PANEL: [ ] CUT AND TRIM PER M1 BOARD OUTLINE
[ ] 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] 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
[ ] XX MIL VIAS REQUIRE NON-CONDUCTIVE FILL AND PLANARIZE
[ ] XX MIL VIAS REQUIRE CONDUCTIVE FILL AND PLANARIZE
[ ] OUTER XX MIL TRACES REQUIRE 50 OHM SINGLE-ENDED IMPEDANCE
[ ] LAYER 2 & 3 (INNER LAYERS) XX MIL WIDE, XX MIL SPACE TRACES REQUIRE 100 OHM DIFFERENTIAL IMPEDANCE



Symbol	Quantity	Finished Hole Size	Plated	Hole Type
	4	7.87mil (0.200mm)	PTH	Round
	33	16.00mil (0.406mm)	PTH	Round
	2	35.43mil (0.900mm)	PTH	Round
	3	40.00mil (1.016mm)	PTH	Round
	4	43.31mil (1.100mm)	PTH	Round
	13	47.24mil (1.200mm)	PTH	Round
	12	50.00mil (1.270mm)	PTH	Round
	71 Total			

Drill tolerances:
For 7.87mil drill via +0/-7.87 mil
For 16 mil drill via +0/-16 mil
For PTH +/- 3 mil

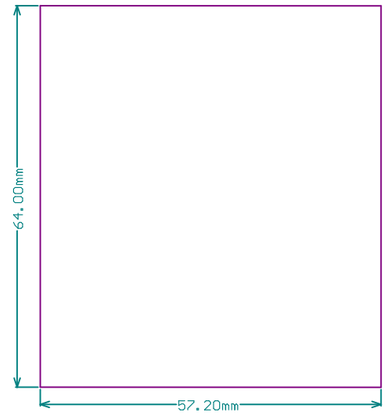
NOTE:
1. vias are non tented
2. This not an impedance controlled board

TEXAS INSTRUMENTS

PROJECT TITLE: Isolated IGBT Gate-Drive Power Supply Reference Design
DESIGNED FOR: Public Release
FILE NAME: TIDA-010006-E2.PcbDoc

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-010006	REV: E2	SVN REV: Not In VersionControl
LAYER NAME = Drill Drawing	TID #: 010006		
PLOT NAME = Drill Drawing	GENERATED : 2/28/2019 2:44:31 PM	TEXAS INSTRUMENTS	

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



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-010006	REV: E2	SVN REV: Not In VersionControl
LAYER NAME =	TID #: 010006		
PLOT NAME = Board Dimensions	GENERATED : 2/28/2019 2:44:31 PM		TEXAS INSTRUMENTS

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