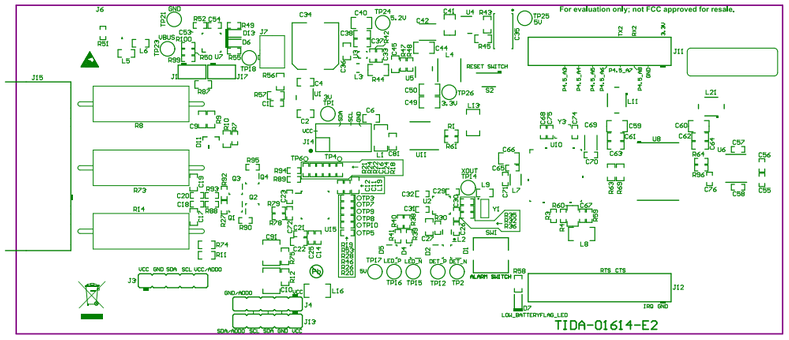
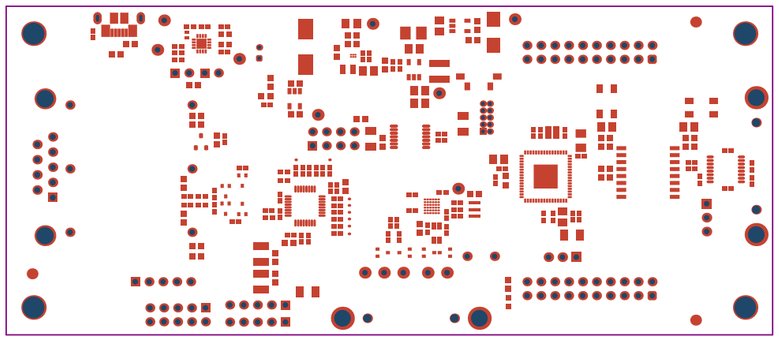
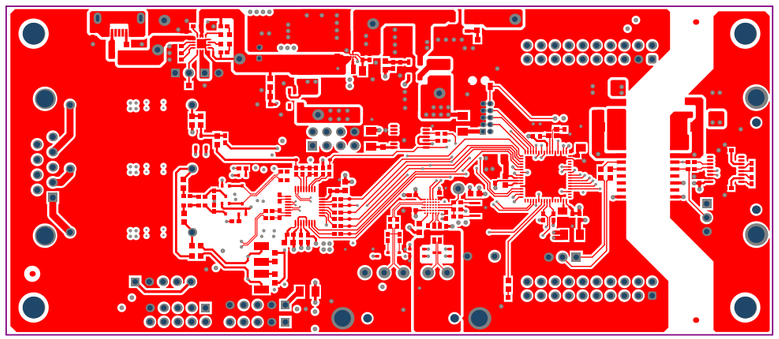


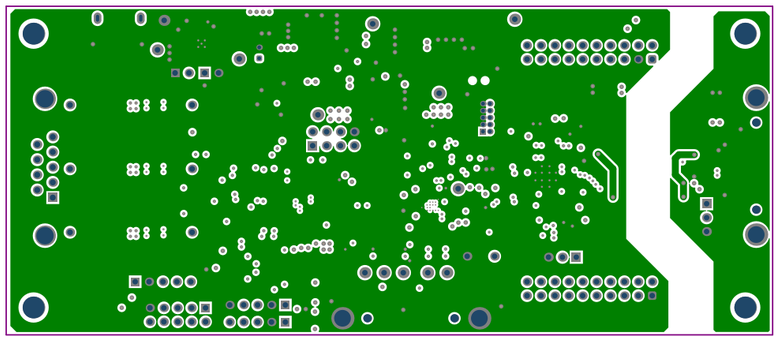
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01614	REV: E2	SVN REV:
LAYER NAME = TOP OVERLAY	TID #:01614		
PLOT NAME = Top Overlay	GENERATED : 3/25/2019 4:02:28 PM		TEXAS INSTRUMENTS



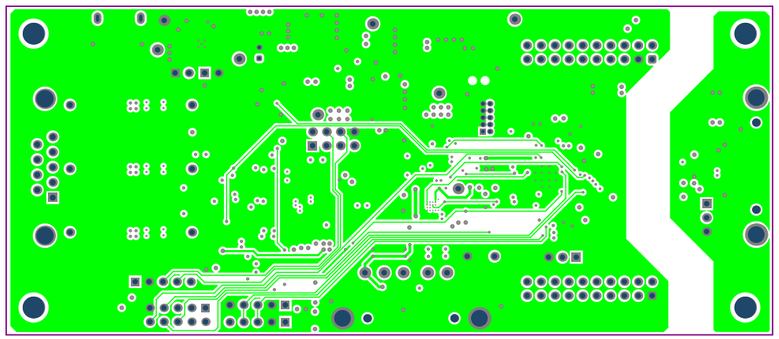
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01614	REV: E2	SVN REV:
LAYER NAME = TOP SOLDER	TID #:01614		
PLOT NAME = Top Solder Mask	GENERATED : 3/25/2019 4:02:28 PM		TEXAS INSTRUMENTS



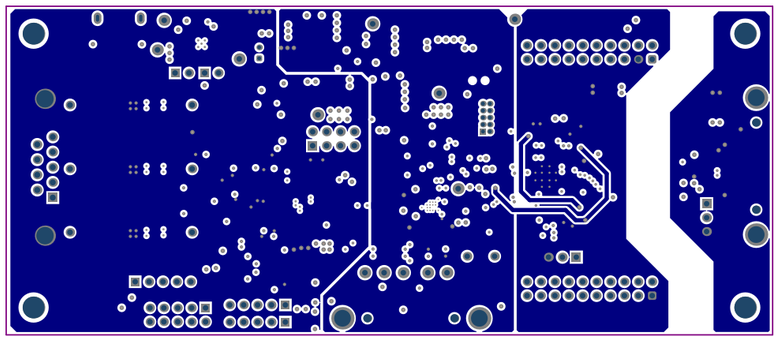
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01614	REV: E2	SVN REV:	
LAYER NAME = TOP LAYER	TID #:01614			
PLOT NAME = Top Layer	GENERATED : 3/25/2019 4:02:28 PM			TEXAS INSTRUMENTS



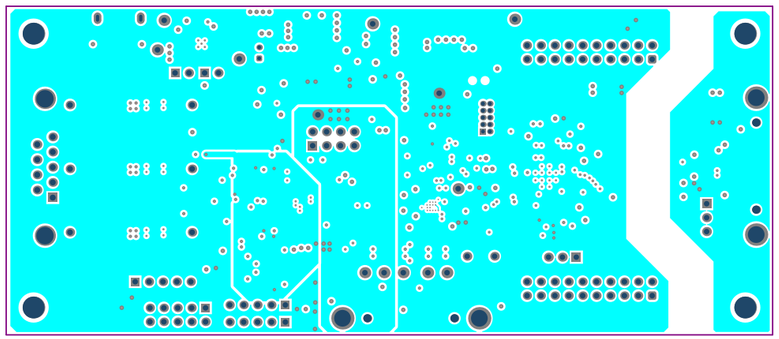
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01614	REV: E2	SVN REV:
LAYER NAME = GND Layer	TID #:01614		
PLOT NAME = GND LAYER	GENERATED : 3/25/2019 4:02:28 PM		TEXAS INSTRUMENTS



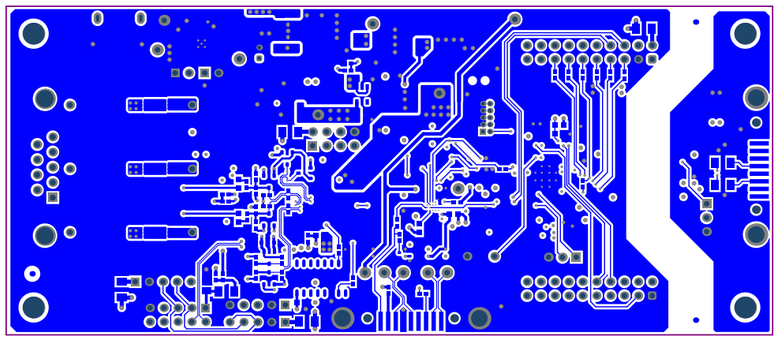
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01614	REV: E2	SVN REV:	
LAYER NAME = Signal Layer 1	TID #:01614			
PLOT NAME = Signal Layer 1	GENERATED : 3/25/2019 4:02:29 PM			TEXAS INSTRUMENTS



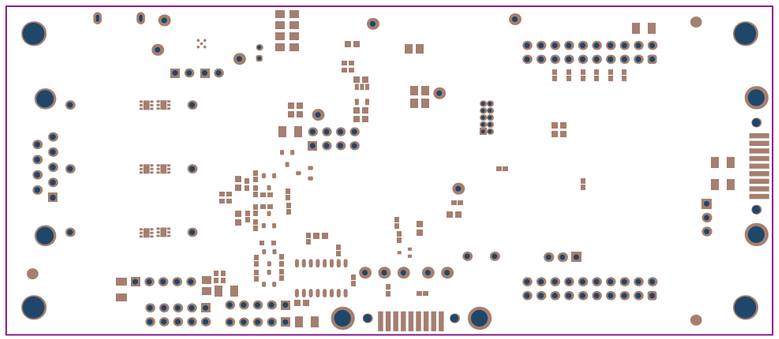
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01614	REV: E2	SVN REV:
LAYER NAME = Signal Layer 2	TID #:01614		
PLOT NAME = Signal Layer 2	GENERATED : 3/25/2019 4:02:29 PM		TEXAS INSTRUMENTS



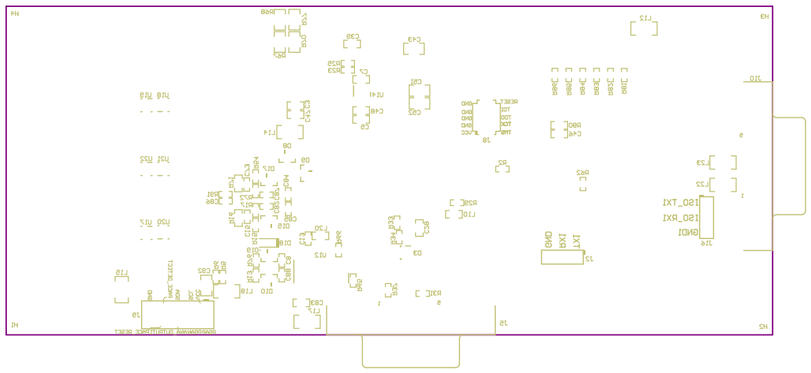
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01614	REV: E2	SUN REV:	
LAYER NAME = PWR Layer	TID #:01614			
PLOT NAME = PWR LAYER	GENERATED : 3/25/2019 4:02:29 PM			TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01614	REV: E2	SVN REV:
LAYER NAME = BOTTOM LAYER	TID #:01614		
PLOT NAME = Bottom Layer	GENERATED : 3/25/2019 4:02:29 PM		TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01614	REV: E2	SVN REV:	
LAYER NAME = BOTTOM SOLDER	TID #:01614			
PLOT NAME = Bottom Solder Mask	GENERATED : 3/25/2019 4:02:29 PM			TEXAS INSTRUMENTS

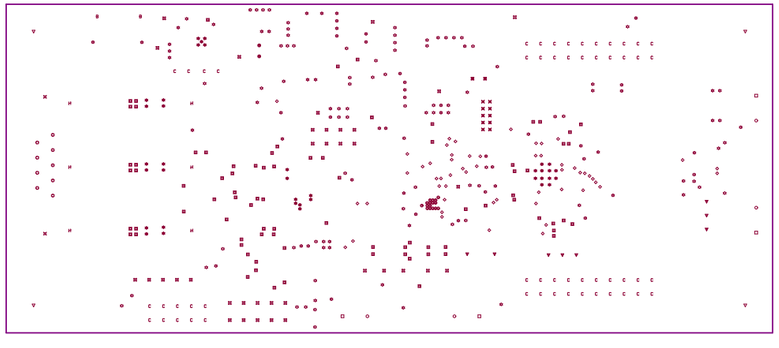


ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01614	REV: E2	SVN REV:
LAYER NAME = BOTTOM OVERLAY	TID #:01614		
PLOT NAME = Bottom Overlay	GENERATED : 3/25/2019 4:02:29 PM		TEXAS INSTRUMENTS

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	15.00mil	4.2	
5	GND Layer	Copper	1.40mil		
6	Dielectric 2	FR-4 High Tg	8.00mil	4.2	
7	Signal Layer 1	Copper	1.40mil		
8	Dielectric 3	FR-4 High Tg	8.00mil	4.2	
9	Signal Layer 2	Copper	1.40mil		
10	Dielectric 4	FR-4 High Tg	8.00mil	4.2	
11	PWR Layer	Copper	1.40mil		
12	Dielectric 5	FR-4 High Tg	15.00mil	4.2	
13	Bottom Layer	Copper	1.40mil		
14	Bottom Solder	Solder Resist	0.40mil	3.5	
15	Bottom Overlay				

Symbol	Count	Hole Size	Plated	Hole Type	Hole Length
B	2	23.62mil (0.600mm)	PTH	Slot	51.18mil (1.300mm)
	2	27.56mil (0.700mm)	PTH	Round	-
	2	35.43mil (0.900mm)	NPTH	Round	-
	2	125.20mil (3.180mm)	PTH	Round	-
	4	59.06mil (1.500mm)	NPTH	Round	-
	4	120.08mil (3.050mm)	PTH	Round	-
	4	157.00mil (3.988mm)	NPTH	Round	-
H	6	41.34mil (1.050mm)	PTH	Round	-
	8	39.37mil (1.000mm)	PTH	Round	-
	9	42.91mil (1.090mm)	PTH	Round	-
	10	27.95mil (0.710mm)	PTH	Round	-
	16	6.00mil (0.152mm)	PTH	Round	-
	36	40.00mil (1.016mm)	PTH	Round	-
	37	8.00mil (0.203mm)	PTH	Round	-
	54	10.00mil (0.254mm)	PTH	Round	-
C	54	40.16mil (1.020mm)	PTH	Round	-
	84	12.00mil (0.305mm)	PTH	Round	-
	147	16.00mil (0.406mm)	PTH	Round	-
	481	Total			

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



Drill Table

FOR 6MIL DRILL +0/-6MIL
FOR 8MIL DRILL +0/-8MIL
FOR 10MIL DRILL +0/-10MIL
FOR 12MIL DRILL +0/-12MIL
FOR 16MIL DRILL +0/-16MIL
FOR PTH DRILL +/-3MIL
FOR NPTH DRILL +/-2MIL

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
140mm X 60mm

Number of Layers : 6
MIN. TRACK WIDTH: 6 MIL
MIN. CLEARANCE: 6 MIL
MIN. VIA PAD SIZE: 10 MIL
MINIMUM ANNULAR RING 2.0 MIL EXTERNAL
PER IPC-D-275 CLASS 2 LEVEL C
REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 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 +/-
COPPER THICKNESS (FINISHED):
OUTER: [X] 1.4MIL (1oz) [ ] 2MIL (1.4oz) [ ] 2.8MIL (2oz)
INNER SIGNAL: [X] 1.4MIL (1oz) [ ] 0.7MIL (1/2oz) [ ] 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:
[ ] GREEN [X] 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: VIA TENTING: YES [X] NO [ ]
MICROSECTION: [ ] YES IMPEDANCE CONTROL: YES [ ] NO [X]
BARE BOARD ELEC. TEST: [ ] NONE [X] REQUIRED [ ] PER ORDER
MANUFACTURER'S UL: [ ] RAIL [ ] METAL [X] SILK

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01614	REV: E2	SUN REV:
LAYER NAME = DRILL DRAWING	TID #:01614		
PLOT NAME = Drill Drawing	GENERATED : 3/25/2019 4:02:30 PM		TEXAS INSTRUMENTS

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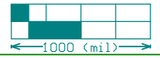
TEXAS INSTRUMENTS

TIDA-01614	
DESIGNED FOR: Public Release	
FILE NAME: TIDA-01614-E2.PcbDoc	
ENGINEER: Skariah leni	LAYOUT BY: Avinash N
SCALE: 0.92	ALTIUM DESIGNER VERSION: 18.1.9.240



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-01614	REV: E2	SVN REV:
LAYER NAME =	TID #:01614		
PLOT NAME = Board Dimensions	GENERATED : 3/25/2019 4:02:43 PM		TEXAS INSTRUMENTS

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