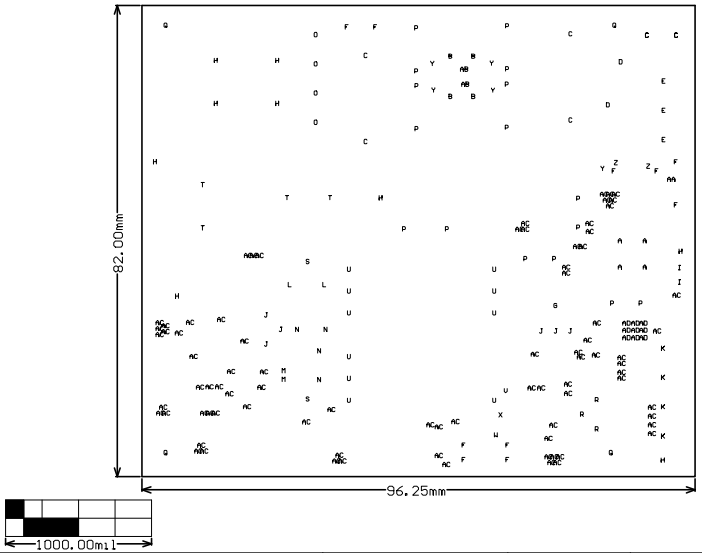
Symbol	Hit Count	Finished Hole Size	Physical Length	Rout Path Length	Plated	Hole Type
AD	9	10mil (0.254mm)			PTH	Round
AC	82	12mil (0.3048mm)			PTH	Round
M	2	27.559mil (0.7mm)			PTH	Round
R	3	28.11mil (0.714mm)			PTH	Round
N	4	31mil (0.7874mm)			PTH	Round
F	10	33.465mil (0.85mm)			PTH	Round
B	4	33.622mil (0.854mm)			PTH	Round
P	16	35.433mil (0.9mm)			PTH	Round
I	2	35.984mil (0.914mm)			PTH	Round
C	8	39.37mil (1mm)			PTH	Round
H	9	40mil (1.016mm)			PTH	Round
T	4	41.496mil (1.054mm)			PTH	Round
D	2	43.307mil (1.1mm)			PTH	Round
U	10	45.276mil (1.15mm)			PTH	Round
A	4	47.244mil (1.2mm)			PTH	Round
J	6	50mil (1.27mm)			PTH	Round
K	4	51.181mil (1.3mm)			PTH	Round
E	3	52mil (1.3208mm)			PTH	Round
O	4	59.055mil (1.5mm)			PTH	Round
L	2	61.024mil (1.55mm)			PTH	Round
G	1	70.094mil (1.7804mm)			PTH	Round
S	2	92.913mil (2.36mm)			PTH	Round
Q	4	125mil (3.175mm)			PTH	Round
Y	5	20mil (0.508mm)	100mil (2.54mm)	80mil (2.032mm)	NPTH	Slot
Z	2	20mil (0.508mm)	200mil (5.08mm)	180mil (4.572mm)	NPTH	Slot
AA	1	20mil (0.508mm)	300mil (7.62mm)	280mil (7.112mm)	NPTH	Slot
AB	2	20mil (0.508mm)	425mil (10.795mm)	405mil (10.287mm)	NPTH	Slot
X	1	40mil (1.016mm)	120mil (3.048mm)	80mil (2.032mm)	NPTH	Slot
W	1	40mil (1.016mm)	250mil (6.35mm)	210mil (5.334mm)	NPTH	Slot
V	1	40mil (1.016mm)	300mil (7.62mm)	260mil (6.604mm)	NPTH	Slot
	208 Total					

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

Drill Table
FOR 10MIL DRILL +0/-10MIL
FOR 12MIL DRILL +0/-12MIL
FOR PTH DRILL +/-3MIL
FOR NPTH DRILL +/-2MIL



Notes:
10mil Drill Vias are not Tented.
12mil Drill Vias are Tented in both sides.

1000.00mil

Layer Stack Up Detail for: TIDA-00702.PcbDoc

Layer Name	Gerber Document	Copper Thickness	Dielectric Height	Dielectric Material	Dielectric Constant	Dielectric Type
Top Solder Mask	(.GTS)		0.4mil	Solder Resist	3.50	
Top Layer	(.GTL)	2.8mil				
			59.2mil	FR-4 High Tg	4.80	Core
Bottom Layer	(.GBL)	2.8mil				
Bottom Solder Mask	(.GBS)		0.4mil	Solder Resist	3.50	

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
96.25 MM X 82 MM

Number of Layers : 2
MIN. TRACK WIDTH: 10 MIL
MIN. CLEARANCE: 8 MIL
MIN. VIA DRILL SIZE: 10 MIL
MINIMUM ANNULAR RING 0.110mm (4.37 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: [ ] 1.4MIL (1oz) [ ] 2MIL (1.4oz) [X] 2.8MIL (2oz)
INNER SIGNAL: [ ] 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 (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

TEXAS INSTRUMENTS

PROJECT TITLE: 60W,High Efficiency Industrial Power Supply
DESIGNED FOR: Public Release
FILE NAME: TIDA-00702-RevB.PcbDoc

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00702	REV: RevB	SVN REV: Not In VersionControl
LAYER NAME = Drill Drawing			
PLOT NAME = TIDA-00702-RevB.GD1	GENERATED : 12/3/2015 2:15:44 PM	TEXAS INSTRUMENTS	

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ENGINEER: Latif Ameer	LAYOUT BY: Manjunatha T N
SCALE: 1.00	ALTIUM DESIGNER VERSION: 14.3.14.34663