



Symbol	Hit Count	Tool Size	Plated	Hole Type
V	8	0.508mm (20mil)	PTH	Round
W	6	0.635mm (25mil)	PTH	Round
D	65	0.711mm (28mil)	PTH	Round
A	4	0.787mm (31mil)	PTH	Round
F	4	0.85mm (33.465mil)	PTH	Round
V	2	0.889mm (35mil)	PTH	Round
C	2	0.9mm (35.433mil)	PTH	Round
X	2	0.94mm (37mil)	PTH	Round
M	3	0.965mm (37.992mil)	PTH	Round
X	16	0.965mm (38mil)	PTH	Round
X	3	1mm (39.37mil)	PTH	Round
X	3	1.016mm (40mil)	PTH	Round
Q	12	1.194mm (47mil)	PTH	Round
B	2	1.25mm (49.213mil)	PTH	Round
H	4	1.3mm (51.181mil)	PTH	Round
O	14	1.32mm (51.968mil)	PTH	Round
O	2	1.6mm (62.992mil)	PTH	Round
O	2	2.108mm (83mil)	PTH	Round
O	4	2.184mm (86mil)	PTH	Round
Q	3	2.705mm (106.496mil)	PTH	Round
E	2	2.705mm (106.5mil)	PTH	Round
G	2	3.2mm (125.984mil)	PTH	Round
S	3	3.251mm (128mil)	NPTH	Round
168 Total				

Drill Table  
DRILL TOLERANCES: FOR PTH +/-3MILS  
FOR NPTH +/-2MILS

Layer Stack Up Detail for: TIDA-00227.PcbDoc			
Layer Name	Order Document	Copper Thickness	Dielectric Material
Top Solder Mask	(.GTS)		Solder Resist
Top Layer	(.GTL)	0.0356mm	FR-4
Bottom Layer	(.GBL)	0.0356mm	
Bottom Solder Mask	(.GBS)		Solder Resist

DESIGN INFORMATION	
BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)	
100MM	X 100MM
Number of Layers :	2
MIN. TRACK WIDTH:	10_MIL
MIN. CLEARANCE:	8_MIL
MIN. VIA PAD SIZE:	40_MIL
MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL	
PER IPC-D-275 CLASS 2 LEVEL C	
REGISTRATION TOLERANCES: METAL +/- 5_MIL, HOLES +/- 3_MIL	

MATERIAL:	
<input type="checkbox"/> FR-408	<input checked="" type="checkbox"/> FR-4 High Tg
<input type="checkbox"/> OTHER	
THICKNESS: <input checked="" type="checkbox"/> 62 MIL (1.6mm) +/-10%	<input type="checkbox"/> OTHER
TOLERANCE: <input checked="" type="checkbox"/> ANSI PC-6012 TYPE 3 CLASS 2	<input type="checkbox"/> OTHER +/-
BOW & TWIST: <input checked="" type="checkbox"/> ANSI PC-6012 TYPE 3 CLASS 2	<input type="checkbox"/> OTHER +/-
COPPER THICKNESS (FINISHED):	
OUTER: <input checked="" type="checkbox"/> 1.4MIL (1oz)	<input type="checkbox"/> 2MIL (1.4oz)
INNER SIGNAL: <input type="checkbox"/> 1.4MIL (1oz)	<input type="checkbox"/> 2.8MIL (2oz)
DRILLING:	
REFERENCE: <input checked="" type="checkbox"/> AS SHOWN	<input checked="" type="checkbox"/> NC_DRILL FILES
PTH MIN COPPER THICKNESS: <input checked="" type="checkbox"/> 1MIL	<input type="checkbox"/> OTHER
BOARD FINISH:	
SILKSCREEN: <input checked="" type="checkbox"/> TOP	<input checked="" type="checkbox"/> BOTTOM
SILKSCREEN COLOR: <input checked="" type="checkbox"/> WHITE	<input type="checkbox"/> OTHER
SOLDER RESIST COLOR:	
<input checked="" type="checkbox"/> GREEN	<input type="checkbox"/> BLUE
<input type="checkbox"/> OTHER	
SURFACE FINISH: <input checked="" type="checkbox"/> IMMERSION GOLD (ENG)	
<input type="checkbox"/> MM. TN/SILVER OR EQUIV	<input type="checkbox"/> OTHER
ARRAY/PANEL:	
<input type="checkbox"/> CUT AND TRIM PER MECH LAYER 1	<input checked="" type="checkbox"/> N.C. ROUTE
<input type="checkbox"/> V. SCORE	
CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCBs TO MEET OR EXCEED THE REQUIREMENTS OF:	
<input checked="" type="checkbox"/> ANSI PC-A-600F CLASS ->	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3
<input checked="" type="checkbox"/> UL 94V-0	<input checked="" type="checkbox"/> RoHS
<input type="checkbox"/> OTHER	PER ORDER
ADDITIONAL REQUIREMENTS:	
MICROSECTION: <input type="checkbox"/> YES	VIA TENCING: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> REQUIRED
BARE BOARD ELEC. TEST: <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> REQUIRED
PER ORDER	
MANUFACTURER'S UL: <input type="checkbox"/> RAIL	<input type="checkbox"/> METAL
<input checked="" type="checkbox"/> SILK	



PROJECT TITLE: TIDA-00227 - ISE3033	
DESIGNED FOR: Public Release	
FILE NAME: TIDA-00227	
ENGINEER: SunID	LAYOUT BY:
SCALE: 1.00	ALTIM DESIGNER: 10.0.0.27009

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00227	REV: A1	SUN REV: Not In VersionControl
LAYER NAME = Bottom Copper	TIDA-00227		
PLOT NAME = Multilayer Composite Print	GENERATED : 8/28/2014 11:11:39 AM	TEXAS INSTRUMENTS	

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