



Symbol	Hit Count	Finished Hole Size	Plated	Hole Type
K	415	8mil (0.2032mm)	PTH	Round
D	20	20mil (0.508mm)	PTH	Round
I	6	31mil (0.7874mm)	PTH	Round
C	8	35.039mil (0.89mm)	PTH	Round
H	3	39mil (0.9906mm)	PTH	Round
J	20	40.157mil (1.02mm)	PTH	Round
F	8	44mil (1.1176mm)	PTH	Round
G	2	57.087mil (1.45mm)	NPTH	Round
A	2	62.205mil (1.58mm)	PTH	Round
B	2	127.953mil (3.25mm)	NPTH	Round
E	6	128mil (3.2512mm)	PTH	Round
492 Total				

Drill Table
DRILL TOLERANCE
FOR 8MIL DRILL +0/-8MIL

The Stackup Legend below this is static. If you change the stackup, update the Legend.

Layer	Stack Up Detail for: DK-TMCI29X_3_20140212_2_PcbDoc	Name	Type	Material
COP SOLDER MASK	(CST)	Solder	Solder Resist	
TOP LAYER	(BT1)	1-Mil	FR-4	
L2-ORD-PADME	(B3)	1-Mil	FR-4	
L3-LAY-PADME	(B3)	1-Mil	FR-4	
BOTTOM LAYER	(DBL)	1-Mil	FR-4	
Borrow Solder Mask	(SBS)		Solder Resist	

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
2000MIL X 3000MIL

Number of Layers : 4
MIN. TRACK WIDTH: 4 MIL
MIN. CLEARANCE: 4 MIL
MIN. VIA PAD SIZE: 18 MIL

MINIMUM ANNUAL RING 0.127mm (5MIL) EXTERNAL
PER IPC-D-275 CLASS 2 LEVEL C
REGISTRATION TOLERANCES: METAL +/- 5 MIL HOLES +/- 3 MIL

MATERIAL:
☐ FR-408 ☒ FR-4 High Tg ☐ OTHER _____
THICKNESS: ☒ 63 MIL (1.6mm) +/-10% ☐ OTHER _____
TOLERANCE: ☒ ANSI IPC-6012 TYPE 3 CLASS 2
☐ OTHER +/- _____
BOW & TWIST: ☒ ANSI IPC-6012 TYPE 3 CLASS 2
☐ OTHER +/- _____

COPPER THICKNESS (FINISHED):
OUTER: ☒ 1.4MIL (1oz) ☐ 2MIL (1.4oz) ☐ 2.8MIL (2oz)
INNER SIGNAL: ☒ 1.4MIL (1oz) ☐ 2.8MIL (2oz) ☐ N/A

DILLING:
REFERENCE: ☒ AS SHOWN ☐ NO_DRILL_FILES
PTH MIN COPPER THICKNESS: ☒ 1MIL ☐ OTHER _____


BOARD FINISH:
SILKSCREEN: ☒ TOP ☒ BOTTOM
SILKSCREEN COLOR: ☒ WHITE ☐ OTHER _____
SOLDER RESIST COLOR:
☒ GREEN ☐ BLUE ☐ OTHER _____

SURFACE FINISH: ☒ IMMERSION GOLD (ENG) ☐ ENEPIC
☐ IM. TIN/SILVER OR EQUIV ☐ OTHER _____

ARRAY/PANEL: ☐ CUT AND TRIM PER MECH LAYER 1
☒ N.C. ROUTE ☐ V. SCORE

CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCB'S TO MEET OR EXCEED THE REQUIREMENTS OF:
☒ ANSI IPC-A-600F CLASS -> ☐ 1 ☒ 2 ☐ 3
☒ UL 94V-0 ☒ RoHS ☐ OTHER _____ PER ORDER

ADDITIONAL REQUIREMENTS:
MICROSECTION: ☐ YES ☐ NO
BARE BOARD ELEC. TEST: ☐ NONE ☒ REQUIRED ☐ PER ORDER
MANUFACTURER'S UL: ☐ RAIL ☐ METAL ☒ SLK


**TEXAS
INSTRUMENTS**

PROJECT TITLE:
TIDA-00226 (ISE5001)

DESIGNED FOR:
Public Release

FILE NAME:
TIDA-00226 (ISE5001)

ENGINEER:	LAYOUT BY:
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SCALE: 1.00

ALTUM DESIGN NUMBER:
10.0.0.27009