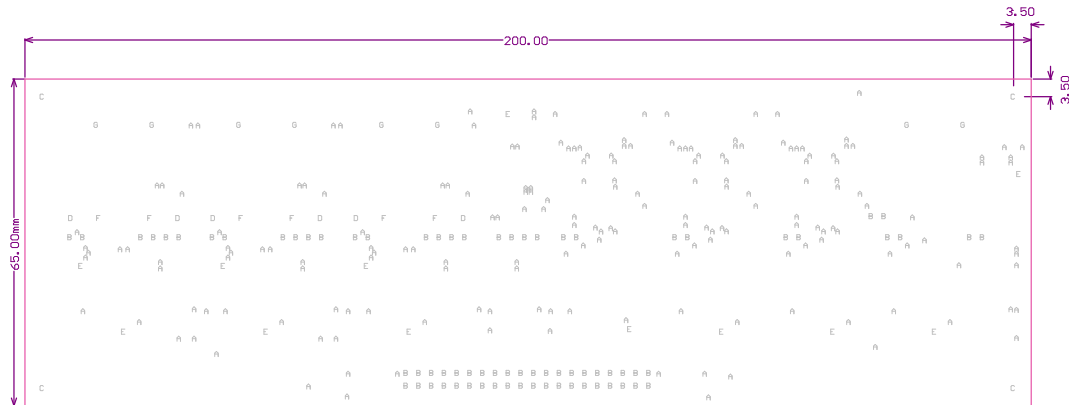


Symbol	Hit Count	Tool Size	Plated	Hole Type
A	191	16mil (0.406mm)	PTH	Round
B	74	38mil (0.965mm)	PTH	Round
E	12	40mil (1.016mm)	PTH	Round
D	6	50mil (1.27mm)	PTH	Round
F	6	70.866mil (1.8mm)	PTH	Round
G	8	73mil (1.854mm)	PTH	Round
C	4	128mil (3.251mm)	NPTH	Round
301 Total				

Drill Table



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #:TIDA-00171	REV: E2	SVN REV: Not In VersionControl
LAYER NAME = Drill Drawing			
PLOT NAME = Fabrication Drawing	GENERATED : 7/22/2014 11:22:07 AM	TEXAS INSTRUMENTS	

Layer Stack Up Detail for: ISE_MCS_SDM_E2.PcbDoc			
Layer Name	Dielectric	Copper Thickness	Dielectric Material
Top Solder Mask	<.615D		Solder Resist
Top Layer	<.07L>	2.8mil	FR-4 High Tg
MiddleLayer1	<.8D>	2.8mil	FR-4 High Tg
MiddleLayer2	<.8D>	2.8mil	FR-4 High Tg
Bottom Layer	<.08L>	2.8mil	FR-4 High Tg
Bottom Solder Mask	<.085D		Solder Resist

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)

7874MIL X 2559MIL

Number of Layers : 4

MIN. TRACK WIDTH: 8 MIL

MIN. CLEARANCE: 8 MIL

MIN. VIA PAD SIZE: 32 MIL

MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL

PER IPC-D-275 CLASS 2 LEVEL C

REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL

VIA'S ARE TENGED

IT IS NOT IMPEDANCE CONTROLLED BOARD

MATERIAL:

☐ FR-40B ☒ FR-4 High Tg ☐ OTHER

THICKNESS: ☒ 62 MIL (1.6mm) +/-10% ☐ OTHER

TOLERANCE: ☒ ANSI PC-6012 TYPE 3 CLASS 2

☐ OTHER +/-

BOW & TWIST: ☒ ANSI PC-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

DRILLING:

REFERENCE: ☒ AS SHOWN ☒ NC_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 (ENIG) ☐ ENERPIG

☐ MM. TN/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 PC-A-600F CLASS -> ☐ 1 ☒ 2 ☐ 3

☒ UL 94V-0 ☒ RoHS ☐ OTHER PER ORDER

ADDITIONAL REQUIREMENTS:

MICROSECTION: ☐ YES

BARE BOARD ELEC. TEST: ☐ NONE ☒ REQUIRED ☐ PER ORDER

MANUFACTURER'S UL: ☐ RAL ☐ METAL ☒ SILK



PROJECT TITLE:	ISE_MCS_DSM_E2
DESIGNED FOR:	Public Release
FILE NAME:	ISE_MCS_DSM_E2.PcbDoc
ENGINEER:	Narayananasamy Navaneeth
LAYOUT BY:	Uamsi T
SCALE:	0.67
ALTIM DESIGNER VERSION:	10.0.0.27009