

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>	1.4mil				
MidLayer1	<.G1>	1.4mil	12.6mil	370HR	4.80	PrePreg
MidLayer2	<.G2>	1.4mil	12.6mil	370HR	4.80	Core
Bottom Layer	<.GBL>	1.4mil				
Bottom Solder Mask	<.GBS>		0.4mil	Solder Resist	3.50	

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
3400MIL X 2400MIL

Number of Layers : 4
 MIN. TRACK WIDTH: 8 MIL
 MIN. CLEARANCE: 8 MIL
 MIN. VIA PAD SIZE: 20 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:

FR-408 FR-4 High Tg OTHER _____

THICKNESS: 62 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

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 Black

SURFACE FINISH: IMMERSION GOLD (ENIG) ENEPIG
 IMM. 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 PCBs 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

BARE BOARD ELEC. TEST: NONE REQUIRED PER ORDER

MANUFACTURER'S UL: RAIL METAL SILK



PROJECT TITLE:
ISE4002

DESIGNED FOR:
Public Release

FILE NAME:
ISE4002.PcbDoc

ENGINEER:
Ajinder Singh

LAYOUT BY:
Krypton Solutions LLC

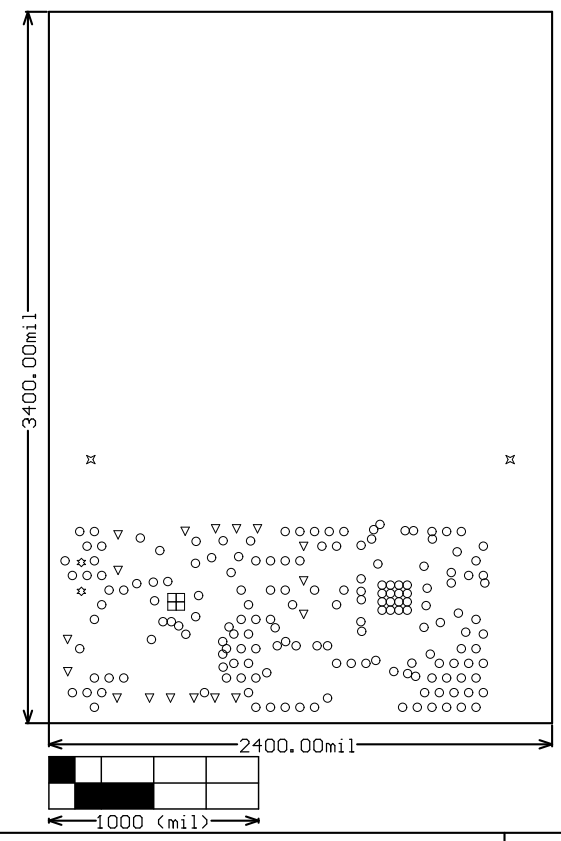
SCALE: 1.09

ALTIUM DESIGNER VERSION:
10.0.0.27009

Symbol	Hit Count	Tool Size	Physical Length	Rout Path Length	Plated	Hole Type
□	4	7.874mil (0.2mm)			PTH	Round
○	171	10mil (0.254mm)			PTH	Round
▽	17	40mil (1.016mm)			PTH	Round
☆	2	47.244mil (1.2mm)			PTH	Round
⊠	2	125mil (3.175mm)	200mil (5.08mm)	75mil (1.905mm)	PTH	Slot
	196 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



ALL ARTWORK VIEWED FROM TOP SIDE

BOARD #: ISE4002

REV: E1

SUN REV: Not In VersionControl

LAYER NAME = ~~00058-01~~ Fabrication Drawing

PLOT NAME = Fabrication Drawing

GENERATED : 3/12/2014 10:02:14 AM

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