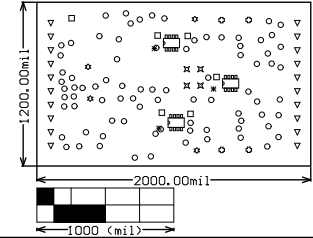


Layer Stack Up Detail for: SAT0020E2.PcbDoc			
Layer Name	Order	Copper Thickness	Substrate
Top Solder Mask	(.6TS)		Solder Resist
Top Layer	(.6TL)	1.4mil	FR-4 High Tg
PRE	(.6PD)	1.4mil	FR-4 High Tg
VEC	(.6V2)	1.4mil	FR-4 High Tg
Bottom Layer	(.6BL)	1.4mil	FR-4 High Tg
Bottom Solder Mask	(.6BS)		Solder Resist

DESIGN INFORMATION	
BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)	
2000MIL	X 1200MIL
Number of Layers : 4	
MIN. TRACK WIDTH: 8 MIL	
MIN. CLEARANCE: 8 MIL	
MIN. VIA PAD SIZE: 24 MIL	
MINIMUM ANNULAR RING 0.20mm (8MIL) EXTERNAL	
PER IPC-D-275 CLASS 2 LEVEL C	
REGISTRATION TOLERANCES: METAL +/- .5 MIL, HOLES +/- .3 MIL	

MATERIAL:	
<input type="checkbox"/> FR-4 <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 IPC-6012 TYPE 3 CLASS 2	
<input type="checkbox"/> OTHER +/-	
BOW & TWIST: <input checked="" type="checkbox"/> ANSI IPC-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) <input type="checkbox"/> 2.8MIL (2oz)	
INNER SIGNAL: <input checked="" type="checkbox"/> 1.4MIL (1oz) <input type="checkbox"/> 2.8MIL (2oz) <input type="checkbox"/> N/A	
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 type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> OTHER RED	
SURFACE FINISH: <input checked="" type="checkbox"/> IMMERSION GOLD (ENIG)	
<input type="checkbox"/> IMM. TIN/SILVER OR EQUIV <input type="checkbox"/> OTHER	
ARRAY/PANEL: <input type="checkbox"/> CUT AND TRIM PER MECH LAYER 1	
<input type="checkbox"/> N.C. ROUTE <input checked="" type="checkbox"/> V. SCORE	
CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCBs TO MEET OR EXCEED THE REQUIREMENTS OF:	
<input checked="" type="checkbox"/> ANSI IPC-A-600F CLASS -> <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3	
<input checked="" type="checkbox"/> UL 94V-0 <input type="checkbox"/> RoHS <input type="checkbox"/> OTHER PER ORDER	
ADDITIONAL REQUIREMENTS:	
MICROSECTION: <input type="checkbox"/> YES	
BARE BOARD ELEC. TEST: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> PER ORDER	
MANUFACTURER'S ID/LOGO: <input type="checkbox"/> RAIL <input checked="" type="checkbox"/> METAL <input type="checkbox"/> SILK	



Symbol	Hit Count	Tool Size	Plated	Hole Type
o	82	10mil (0.254mm)	PTH	Round
□	6	28mil (0.711mm)	PTH	Round
✕	4	38mil (0.965mm)	PTH	Round
✱	4	40mil (1.016mm)	PTH	Round
◇	20	45.276mil (1.15mm)	PTH	Round
⊙	4	53mil (1.346mm)	PTH	Round
120 Total				

Drill Table

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: SAT0020	REV: E2	SUN REV: Not In VersionControl
LAYER NAME = TOP SOLDER MASK			
PLOT NAME = Fabrication Drawing	GENERATED : 3/14/2014 5:21:24 PM	TEXAS INSTRUMENTS	