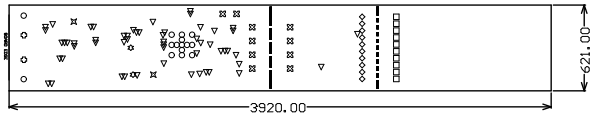
Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top Overlay				
2	Top Solder	Solder Resist	0.40mil	3.5	
3	Top Layer	Copper	1.40mil		
4	Dielectric1	FR-4	59.20mil	4.8	
5	Bottom Layer	Copper	1.40mil		
6	Bottom Solder	Solder Resist	0.40mil	3.5	
7	Bottom Overlay				



Symbol	Hit Count	Tool Size	Physical Length	Rout Path Length	Plated	Hole Type
▽	55	6mil (0.152mm)			PTH	Round
○	13	7.874mil (0.2mm)			PTH	Round
✡	2	8mil (0.203mm)			PTH	Round
⌘	2	10mil (0.254mm)			PTH	Round
□	10	25mil (0.635mm)			PTH	Round
◇	10	28.74mil (0.73mm)			PTH	Round
⊠	10	40mil (1.016mm)			PTH	Round
✪	2	43.307mil (1.1mm)			NPTH	Round
○	2	30mil (0.762mm)	98.425mil (2.5mm)	68.425mil (1.738mm)	PTH	Slot
	106 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

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
621 X 3920

Number of Layers : 2
MIN. TRACK WIDTH: 8 MIL
MIN. CLEARANCE: 7 MIL
MIN. VIA PAD SIZE: 12 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:
[X] FR-4 [ ] FR-4 High Tg [ ] OTHER
THICKNESS: [X] 62 MIL (1.6mm) +/-10% [ ] OTHER
TOLERANCE: [X] ANSI IPC-6012 TYPE 3 CLASS 2
[ ] OTHER +/-
BOW & TWIST: [X] ANSI IPC-6012 TYPE 3 CLASS 2
[ ] OTHER +/-
COPPER THICKNESS (FINISHED):
OUTER: [X] 1.4MIL (1oz) [ ] 2MIL (1.4oz) [ ] 2.8MIL (2oz)
INNER SIGNAL: [X] 1.4MIL (1oz) [ ] 2.8MIL (2oz)
DRILLING:
REFERENCE: [X] AS SHOWN [X] NC_DRILL FILES
PTH MIN COPPER THICKNESS: [X] 1MIL [ ] OTHER
BOARD FINISH:
SILKSCREEN: [X] TOP [X] BOTTOM
SILKSCREEN COLOR: [X] WHITE [ ] OTHER
SOLDER RESIST COLOR:
[ ] GREEN [X] BLUE [ ] OTHER
SURFACE FINISH: [X] IMMERSION GOLD (ENIG) [ ] Pb-FREE HASL
[ ] OTHER
ARRAY/PANEL: [ ] CUT AND TRIM PER MECH LAYER 1
[ ] N.C. ROUTE [X] V. SCORE
CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCBS TO MEET OR EXCEED THE REQUIREMENTS OF:
[X] ANSI IPC-A-600F CLASS --> [ ] 1 [X] 2 [ ] 3
[X] UL 94V-0 [X] RoHS [ ] OTHER PER ORDER
ADDITIONAL REQUIREMENTS:
MICROSECTION: [ ] YES
BARE BOARD ELEC. TEST: [ ] NONE [X] REQUIRED [ ] PER ORDER
MANUFACTURER'S ID/LOGO: [ ] RAIL [ ] METAL [X] SILK

TEXAS INSTRUMENTS

PROJECT TITLE: FDC1004QEVM
DESIGNED FOR: Public Release
FILE NAME: SV601125A.PcbDoc

1000 (mil)

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: SV601125	REV: A	SVN REV: Not In VersionControl
LAYER NAME = [illegible]ions			
PLOT NAME = Fabrication Drawing	GENERATED : 4/9/2015 2:39:23 PM		TEXAS INSTRUMENTS

ENGINEER:	LAYOUT BY:
Daniele Miatton	Daniele Miatton
SCALE: 1.10	ALTIUM DESIGNER VERSION: 14.3.16.37051