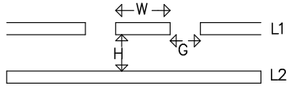
Symbol	Quantity	Finished Hole Size	Plated	Hole Type	Drill Layer Pair	Hole Tolerance	Hole Length
D	3	39.00mil (0,991mm)	NPTH	Round	Top Layer - Bottom Layer		-
G	2	39,37mil (1,000mm)	NPTH	Round	Top Layer - Bottom Layer		-
S	263	7,87mil (0,200mm)	PTH	Round	Top Layer - Bottom Layer		-
✡	6	10,00mil (0,254mm)	PTH	Round	Top Layer - Bottom Layer		-
□	19	20,00mil (0,508mm)	PTH	Round	Top Layer - Bottom Layer		-
▽	6	27,56mil (0,700mm)	PTH	Round	Top Layer - Bottom Layer		-
M	2	33,46mil (0,850mm)	PTH	Round	Top Layer - Bottom Layer		-
E	4	39,37mil (1,000mm)	PTH	Round	Top Layer - Bottom Layer		-
A	3	40,00mil (1,016mm)	PTH	Round	Top Layer - Bottom Layer		-
J	4	40,16mil (1,020mm)	PTH	Round	Top Layer - Bottom Layer		-
R	2	43,31mil (1,100mm)	PTH	Round	Top Layer - Bottom Layer		-
K	40	45,28mil (1,150mm)	PTH	Round	Top Layer - Bottom Layer		-
F	4	51,18mil (1,300mm)	PTH	Round	Top Layer - Bottom Layer		-
L	2	23,62mil (0,600mm)	PTH	Slot	Top Layer - Bottom Layer		51,18mil (1,300mm)
	360 Total						

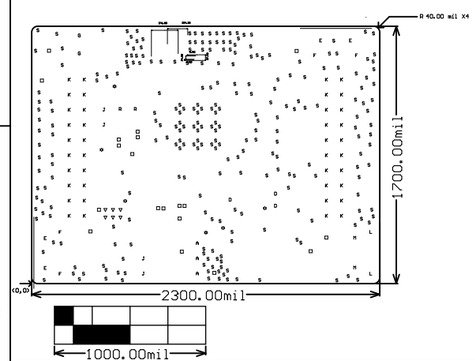
Slot definitions : Routed Path Length = Calculated from tool start centre position to tool end centre position.
Hole Length = Routed Path Length + Tool Size = Slot length as defined in the PCB layout

CONTROLLED IMPEDANCE USING CPW with GND

	GAP	IMPEDANCE +/- 10%	REFERENCE GND
	6.5 mil	50 OHMS	L2



Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top Overlay				
2	Top Solder	Solder Resist	0.60mil	3.5	
3	Top Layer	Copper	1.80mil		
4	Dielectric1	FR-4	42.11mil	4.8	
5	Bottom Layer	Copper	1.80mil		
6	Bottom Solder	Solder Resist	0.60mil	3.5	
7	Bottom Overlay				



ADDITIONAL FAB NOTES

ALL OTHER DRILL TOLERANCE FOR PLATED +/-3 MIL AND NPTH +/-2 MIL
(UNLESS OTHERWISE SPECIFIED)

DESIGN INFORMATION

MIN. TRACK WIDTH: 6 MIL
MIN. CLEARANCE: 3 MIL
MIN. VIA PAD SIZE: ___ 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 [X] FR-4 High Tg [ ] OTHER ___
THICKNESS: [ ] 62 MIL (1.6mm) +/-10% [X] OTHER 1.2 mm+/-10%
TOLERANCE: [X] ANSI IPC-6012 TYPE 3 CLASS 2
[ ] OTHER +/- ___
BOW & TWIST: [X] ANSI IPC-6012 TYPE 3 CLASS 2
[ ] OTHER +/- ___
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 [ ] BLUE [X] OTHER RED
SURFACE FINISH: [X] IMMERSION GOLD (ENIG) [ ] ENEPIG
[ ] IMM. TIN/SILVER OR EQUIV [ ] 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 UL: [ ] RAIL [ ] METAL [X] SILK

TEXAS INSTRUMENTS

PROJECT TITLE: BOOSTXL-CC3120MOD
DESIGNED FOR: Public Release
FILE NAME: BOOSTXL_CC3120RM_PCB.PcbDoc

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: WCS024	REV: A	SVN REV: Not In VersionControl
LAYER NAME = FAB			
PLOT NAME = Fabrication Drawing	GENERATED : 3/26/2017 4:44:09 PM		TEXAS INSTRUMENTS

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ENGINEER:	LAYOUT BY:
Eric Greenstein	Eric Greenstein
SCALE: 1.00	ALTIUM DESIGNER VERSION: 16.1.9.221